



**TOWN OF LOS GATOS  
PLANNING COMMISSION  
REPORT**

MEETING DATE: 02/28/2024

ITEM NO: 2

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DATE: February 23, 2024  
TO: Planning Commission  
FROM: Joel Paulson, Community Development Director  
SUBJECT: Requesting Approval of a One-Year Time Extension to an Existing Architecture and Site Application (S-18-052) to Construct a New Single-Family Residence, Site Work Requiring a Grading Permit, and Removal of Large Protected Trees on a Vacant Property Zoned HR-2-1/2:PD. **Located at 15365 Santella Court.** APN 527-09-036. An Environmental Impact Report (EIR) was Prepared for the Planned Development and was Certified by the Town Council on December 19, 2005. No Further Environmental Analysis is Required for the Individual Lot Development. Property Owner: Christian and Hellen Olgaard. Applicant: Hari Sripadanna. Project Planner: Erin Walters.

RECOMMENDATION:

Consider approval of a request for a one-year time extension to an existing Architecture and Site Application (S-18-052) to construct a new single-family residence, site work requiring a grading permit, and removal of large protected trees on a vacant property zoned HR-2-1/2:PD, located at 15365 Santella Court.

PROJECT DATA:

General Plan Designation: Hillside Residential  
Zoning Designation: HR-2 1/2 : PD  
Applicable Plans & Standards: General Plan; Hillside Development Standards and Guidelines  
Parcel Size: 2 acres

PREPARED BY: Erin Walters  
Associate Planner

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Reviewed by: Planning Manager and Community Development Director

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PROJECT DATA (continued):

Surrounding Area:

	Existing Land Use	General Plan	Zoning
North	Residential	Hillside Residential	HR-2 ½
South	Residential	Hillside Residential	HR-2 ½:PD
East	Residential	Hillside Residential	HR-2 ½:PD
West	Residential	Hillside Residential	HR-2 ½:PD

CEQA:

An Environmental Impact Report (EIR) was prepared for the Planned Development and was certified by the Town Council on December 19, 2005. No further environmental analysis is required for the individual lot development.

FINDINGS:

- An Environmental Impact Report (EIR) was prepared for the Planned Development and was certified by the Town Council on December 19, 2005. No further environmental analysis is required for the individual lot development.
- The project meets the objective standards of Chapter 29 of the Town Code (Zoning Regulations).
- The project is in compliance with the Hillside Development Standards and Guidelines (HDS&G).
- The project is in compliance with the Hillside Specific Plan.
- The project is in compliance with Planned Development Ordinance 2237.
- There would be no legal impediment to granting a new application for the same approval as required by Section 29.20.325(b) of the Town Code for granting a one-year time extension.
- The conditions originally applied or new conditions to be applied as part of the extension approval are adopted to any new facts concerning the proposed project as required by Section 29.20.325(b) of the Town Code for granting a one-year time extension.

CONSIDERATIONS:

- As required by Section 29.20.150 of the Town Code for granting approval of an Architecture and Site application.

ACTION:

The decision of the Planning Commission is final unless appealed within ten days.

PAGE 3 OF 8

SUBJECT: 15365 Santella Court/S-24-002

DATE: February 23, 2024

BACKGROUND:

The subject property is lot 9 in the Highlands of Los Gatos, a 19-lot Planned Development (PD), originally approved by the Town Council in 2005. The property is at the north end of Santella Court (Exhibit 1).

On March 17, 2015, the Town Council approved Ordinance 2237, a request to modify the existing PD to allow the use of color averaging for non-visible homes within the development.

On January 8, 2020, the Planning Commission considered and unanimously approved Architecture and Site Application S-18-052, requesting to construct a new single-family residence on the subject vacant lot and the removal of large protected trees (Attachment 1 of Exhibit 4). The verbatim minutes are included in Attachment 2 of Exhibit 4.

On January 17, 2020, the decision by the Planning Commission was appealed to the Town Council (Attachment 4 and 5 of Exhibit 4). The appeal was based in part on the appellant's concern about the inclusion of retaining walls and exterior features of the home in the elevation drawing for the purposes of the visibility analysis. At this meeting, the Town Council voted to refer an evaluation of Chapter II. (Constraints Analysis), Section B. of the HDS&G, regarding the visibility analysis to the Policy Committee.

On March 3, 2020, the Town Council considered and unanimously denied the appeal of the decision of the Planning Commission approving a request for construction of a new single-family residence and removal of large protected trees on a vacant property (Exhibits 4, 5, 6 and 7). The Architecture and Site Application expires two years from the approval date pursuant to Section 29.20.320 of the Town Code, unless the approval has been vested. In order to vest an approval, building permits must be issued and the first foundation inspection must be completed.

On March 3, 2022, the Architecture and Site Application's two-year expiration date was extended by an additional two years due to the COVID-19 Urgency Ordinance, resulting in a new expiration date of March 3, 2024.

The applicant has requested a one-year extension to the existing Architecture and Site Application (S-18-052).

PROJECT DESCRIPTION:

A. Location and Surrounding Neighborhood

The subject site is a vacant lot located on the northern end of Santella Court (Exhibit 1). Single-family homes are located to the north, east, and south of the subject property. Vacant property is located to the west of the subject property.

B. Project Summary

The applicant proposes to construct a new 5,840-square foot single-family home, with 5,529 square feet of living area, 756 square feet of below grade area, and a 711-square foot attached garage. The proposed house would be located at the northern end of the vacant hillside property and would have a maximum height of 22 feet.

The project proposes a contemporary architectural style to blend with the natural surroundings. Proposed materials include a green roof with single ply membrane roofing, steel fascia, iron and gray colored stone cladding panels, and oxidized metal aluminum doors and windows. The applicant has provided a project description (Exhibit 9) and letter of justification (Exhibit 10) for additional information regarding the proposed project. Proposed site improvements include a driveway, fire truck turn around, swimming pool, and patios. The development plans are provided in Exhibit 13.

The project is consistent with the Zoning, General Plan, applicable HDS&G, Hillside Specific Plan, and Highlands PD Ordinance 2237. The proposed project does not require any exceptions.

C. Zoning Compliance

A single-family residence is permitted in the HR-2½:PD zone. The proposed residence is in compliance with the allowable floor area for the property. Additionally, the proposed residence is in compliance with height, setbacks, and on-site parking requirements.

DISCUSSION:

A. One Year Extension

The applicant has requested a one-year extension to the existing Architecture and Site Application (S-18-052) as the application will expire on March 3, 2024, unless vested. The applicant has provided a request for a one-year extension (Exhibit 8).

Pursuant to Section 29.20.325 (a) of the Town Code, reasonable extensions of time not exceeding one (1) year may be granted by the body having jurisdiction to grant the original

DISCUSSION (continued):

application. Extensions are valid only if approved before the pending expiration date and are measured from that date. Repeated extensions may be granted, and new conditions imposed.

Pursuant to Section 29.20.325 (a) of the Town Code, before granting an extension of time the deciding body must find from the evidence:

1. There would be no legal impediment to granting a new application for the same approval.

*Staff Response: The scope of the project remains the same. Since the March 2020 approval of the application both Santa Clara County Fire regulations and the Town's Hillside Development Standards and Guidelines definition of elevation have changed. The modified regulations have been addressed and are described in Sections B and D below. There would be no legal impediment to granting a new application for the same approval.*

2. The conditions originally applied or new conditions to be applied as part of the extension approval are adopted to any new facts concerning the proposed project.

*Response: The recommended Conditions of Approval have been updated to meet current Fire, Building, Engineering and Planning regulations and requirements (Exhibit 3).*

B. Fire Access

The subject parcel is located in the Very High Fire Hazard Severity Zones (VHFHSZ) of the Local Responsibility Area (LRA) and is subject to the July 1, 2021, California Public Resource Code 4290 (PRC 4290) requirements. PRC 4290 requirements require modifications to the width of existing roads, existing road surfaces, fire truck turnarounds, and the lengths of dead-end roads. An Alternative Materials, Methods of Construction, or Modification of Code (AMMR) was approved by the Santa Clara County Fire Department (SCCFD) to meet the PRC4290 requirements for secondary access for a dead-end road. The approved AMMR will utilize an existing Emergency Vehicle Access Easement (EVAE) from Shady to Shannon Road. The recommended Conditions of Approval (Exhibit 3) include roadway, and other improvements for fire safety that will be required as a result of this coordination with the SCCFD.

C. Tree Impacts

On October 17, 2023, the Town's Consulting Arborist revisited the site and provided two addendums to the original arborist report providing the current condition of the trees on

DISCUSSION (continued):

site (Exhibit 11). Based on the Arborists review of the current conditions there were no changes to previous assessment and no changes in tree conditions.

D. Visibility

The applicant submitted an updated the Visibility Analysis to reflect the current tree conditions at the site (Exhibit 12) as required by HDS&G. The project's updated Visibility Analysis calculates the elevation of the building based on the October 2020 amended HDS&G definition of "elevation" as described below:

*Chapter II. (Constraints Analysis), Section B. Visibility Analysis, 1. Viewing areas:  
h. An elevation is defined as the visible building elevations of a home, not including exterior features such as walls, decks, and detached accessory structures.*

The applicant's updated Visibility Analysis illustrates that the proposed home would not be visible from the southwest corner of the intersection of Blossom Hill Road and Los Gatos Boulevard viewing area and would be 20% percent visible from the Los Gatos – Almaden Road/Selinda Way (across from Leigh High School) viewing area. Pursuant to the HDS&G, a visible home is defined as a single-family residence where 24.5 percent or more of an elevation can be seen any of the Town's established viewing areas. Therefore, the proposed residence is not considered a visible home per the HDS&G.

E. CEQA Determination

An Environmental Impact Report was prepared for the Planned Development and was certified by the Town Council on December 19, 2005. No further environmental analysis is required for the individual lot development.

PUBLIC COMMENTS:

Story poles and signage were installed on the site and written notice was sent to property owners and tenants located within 500 feet of the subject property. As of the drafting of this report, no comments from the public have been received.

CONCLUSION:

A. Summary

The applicant is requesting approval of a one-year time extension to an existing Architecture and Site Application (S-18-052) to construct a single-family residence, site work

CONCLUSION (continued):

requiring a grading permit and removals of large protected trees on a vacant lot within the Highlands PD. The project is consistent with the Zoning, General Plan, applicable HDS&G, Hillside Specific Plan, and Highlands PD Ordinance 2237. The proposed project does not request any exceptions.

B. Recommendation

Based on the analysis above, staff recommends approval of the one-year extension of the Architecture and Site Application subject to the recommended conditions of approval (Exhibit 3). If the Planning Commission finds merit with the proposed project, it should:

1. Make the finding that no further environmental analysis is required (Exhibit 2);
2. Make the finding the project meets the objective standards of Chapter 29 of the Town Code (Zoning Regulations) (Exhibit 2);
3. Make the finding that the project is in compliance with the Hillside Development Standards and Guidelines (Exhibit 2);
4. Make the finding that the project is in compliance with the Hillside Specific Plan (Exhibit 2);
5. Make the finding that the project is in compliance with the Highlands Planned Development Ordinance 2237 (Exhibit 2);
6. Make the finding that there would be no legal impediment to granting a new application for the same approval as required by Section 29.20.325(b) of the Town Code for granting a one-year time extension (Exhibit 2);
7. Make the finding that the conditions originally applied or new conditions to be applied as part of the extension approval are adopted to any new facts concerning the proposed project as required by Section 29.20.325(b) of the Town Code for granting a one-year time extension (Exhibit 2);
8. Make the required considerations as required by Section 29.20.150 of the Town Code for granting approval of an Architecture and Site application (Exhibit 2); and
9. Approve Architecture and Site Application S-24-002 with the conditions contained in Exhibit 3 and the development plans in Exhibit 13.

C. Alternatives

Alternatively, the Commission can:

1. Continue the matter to a date certain with specific direction; or
2. Approve the application with additional and/or modified conditions; or
3. Deny the application.

PAGE 8 OF 8

SUBJECT: 15365 Santella Court/S-24-002

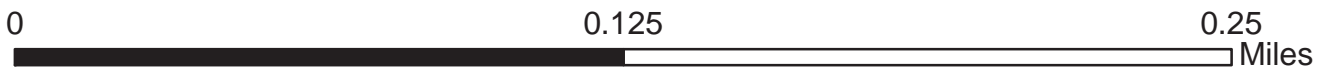
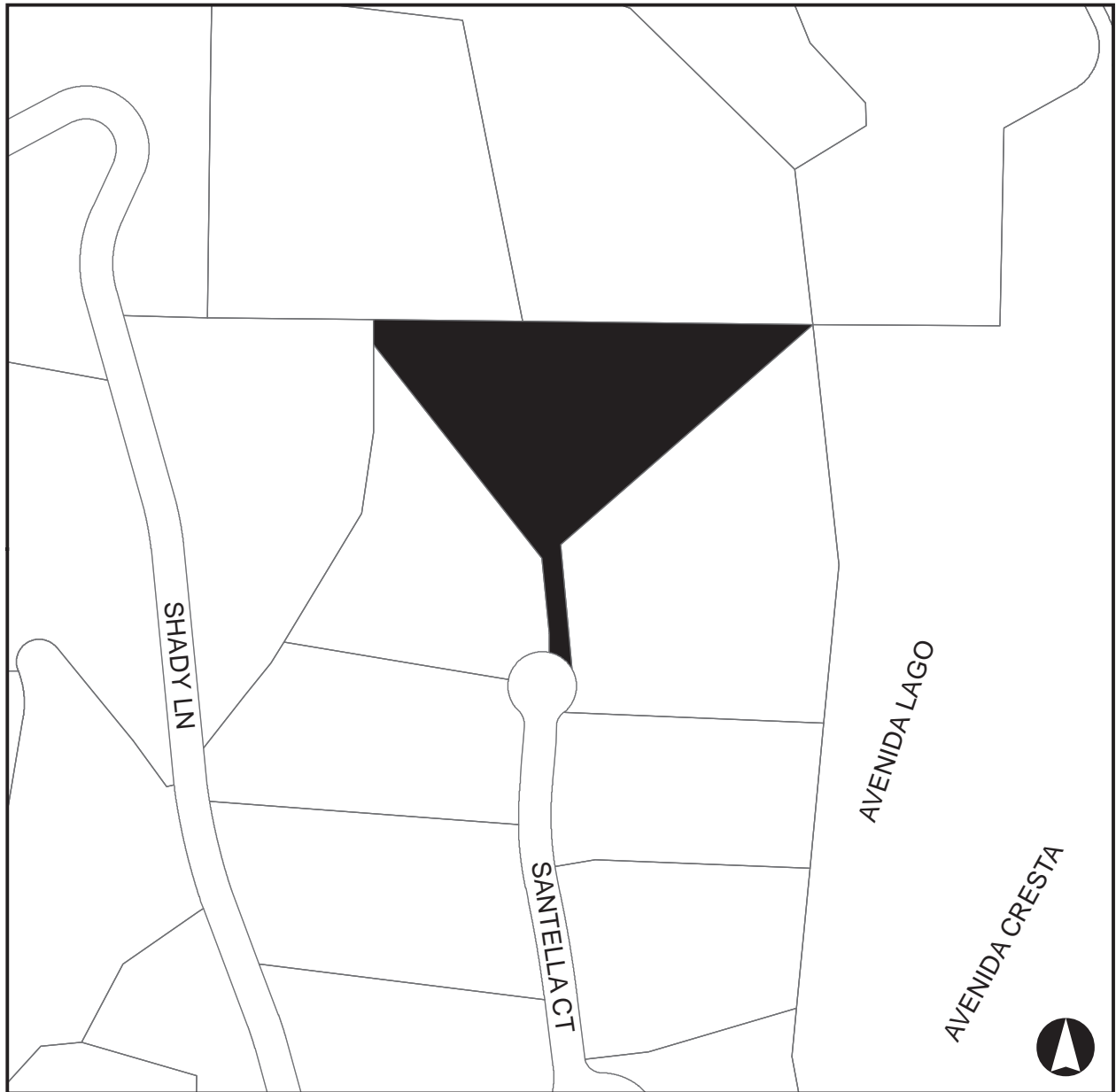
DATE: February 23, 2024

EXHIBITS:

1. Location Map
2. Required Findings and Considerations
3. Recommended Conditions of Approval
4. March 3, 2020 Town Council Staff Report and Attachments 1-14
5. March 3, 2020 Town Council Desk Item
6. March 3, 2020 Town Council Meeting Minutes
7. Resolution 2020-005
8. Request for One Year Extension
9. Project Description
10. Letter of Justification
11. Consulting Town Arborist's Addendum November 27 2023 and February 5, 2024
12. Updated Visibility Analysis
13. Development Plans



# 15365 Santella Court



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**PLANNING COMMISSION –February 28, 2024**  
**REQUIRED FINDINGS AND CONSIDERATIONS FOR:**

**15365 Santella Court**  
**Architecture and Site Application S-24-002**

**Requesting Approval of a One-Year Time Extension to an Existing Architecture and Site Application (S-18-052) to Construct a New Single-Family Residence, Site Work Requiring a Grading Permit, and Removal of Large Protected Trees on a Vacant Property Zoned HR-2-1/2:PD. An Environmental Impact Report (EIR) was Prepared for the Planned Development and was Certified by the Town Council on December 19, 2005. No Further Environmental Analysis is Required for the Individual Lot Development. APN 527-09-036. PROPERTY OWNER: Christian and Hellen Olgaard. APPLICANT: Hari Sripadanna.**

**FINDINGS**

**Required findings for CEQA:**

- An Environmental Impact Report (EIR) was prepared for the Planned Development and was certified by the Town Council on December 19, 2005. Required technical reviews (arborist, architect and geotechnical) have been completed for the project and no further environmental analysis is required for this application.

**Required compliance with the Zoning Regulations:**

- The project meets the objective standards of Chapter 29 of the Town Code (Zoning Regulations).

**Compliance with Hillside Development Standards and Guidelines (HDS&G):**

- The project is in compliance with the HDS&G.

**Compliance with Hillside Specific Plan**

- The project is in compliance with the Hillside Specific Plan in that it is a single-family residence being developed on an existing parcel. The proposed development is consistent with the development criteria included in the Specific Plan.

**Compliance with the approved Planned Development**

- The project is in compliance with the approved Planned Development (Ordinance 2237).

### **Required Findings for One-Year Time Extension**

- There would be no legal impediment to granting a new application for the same approval as required by Section 29.20.325(b) of the Town Code for granting a one-year time extension.
- The conditions originally applied or new conditions to be applied as part of the extension approval are adopted to any new facts concerning the proposed project as required by Section 29.20.325(b) of the Town Code for granting a one-year time extension.

### **CONSIDERATIONS:**

#### **Considerations in review of Architecture and Site applications:**

- As required by Section 29.20.150 of the Town Code, the considerations in review of an Architecture and Site application were all made in reviewing this project.

**PLANNING COMMISSION – February 28, 2024**  
**CONDITIONS OF APPROVAL**

**15365 Santella Court**  
**Architecture and Site Application S-24-002**

**Requesting Approval of a One-Year Time Extension to an Existing Architecture and Site Application (S-18-052) to Construct a New Single-Family Residence, Site Work Requiring a Grading Permit, and Removal of Large Protected Trees on a Vacant Property Zoned HR-2-1/2:PD. An Environmental Impact Report (EIR) was Prepared for the Planned Development and was Certified by the Town Council on December 19, 2005. No Further Environmental Analysis is Required for the Individual Lot Development. APN 527-09-036.**

**PROPERTY OWNER: Christian and Hellen Olgaard.**

**APPLICANT: Hari Sripadanna.**

TO THE SATISFACTION OF THE DIRECTOR OF COMMUNITY DEVELOPMENT:

*Planning Division*

1. **APPROVAL:** This application shall be completed in accordance with all of the conditions of approval listed below and in substantial compliance with the plans approved and noted as received by the Town on February 28, 2026. Any changes or modifications to the approved plans shall be approved by the Community Development Director, the Development Review Committee, the Planning Commission, or Town Council, depending on the scope of the changes.
2. **EXPIRATION:** The approval will expire two years from the approval date pursuant to Section 29.20.320 of the Town Code, unless the approval has been vested.
3. **OUTDOOR LIGHTING:** Exterior lighting shall be kept to a minimum, and shall be down directed fixtures that will not reflect or encroach onto adjacent properties. No flood lights shall be used unless it can be demonstrated that they are needed for safety or security. The lighting plan shall be reviewed during building plan check.
4. **EXTERIOR COLOR:** The exterior colors of the house shall not exceed an average light reflectivity value of 30 and shall blend with the natural vegetation in conformance with the approved PD Ordinance 2237.
5. **LRV DEED RESTRICTION:** Prior to the issuance of a building permit, a deed restriction shall be recorded by the applicant with the Santa Clara County Recorder's Office that requires all exterior colors to be maintained in conformance with the approved PD Ordinance.
6. **GENERAL:** All existing trees shown on the plan and trees required to remain or to be planted are specific subjects of approval of this plan, and must remain on the site.
7. **MAINTENANCE AGREEMENT:** Following the issuance of a certificate of occupancy, the property owner shall execute a five-year maintenance agreement with the Town that the property owner agrees to protect and maintain the trees shown to remain on the

- approved plans, trees planted as part of the tree replacement requirements, and guarantees that said trees will always be in a healthy condition during the term of the maintenance agreement.
8. TREE DEED RESTRICTION: Prior to issuance of a building permit, a deed restriction shall be recorded by the applicant with the Santa Clara County Recorder's Office that identifies the on-site trees that were used to provide screening in the visibility analysis and requires their replacement if they die or are removed.
  9. TREE REMOVAL PERMIT: A Tree Removal Permit shall be obtained for any trees to be removed, prior to the issuance of a building or grading permit.
  10. ARBORIST REQUIREMENTS: The developer shall implement, at their cost, all recommendations made by Richard Gessner, identified in the Arborist report, dated as received November 29, 2018, the supplemental Arborist report, dated as received August 20, 2019, the addendum dated as received on November 27, 2023, and February 5, 2024, respectively, on file in the Community Development Department. A Compliance Memorandum shall be prepared by the applicant and submitted with the building permit application detailing how the recommendations have or will be addressed. These recommendations must be incorporated in the building permit plans, and completed prior to issuance of a building permit where applicable.
  11. TREE FENCING: Protective tree fencing shall be placed at the drip line of existing trees and shall remain through all phases of construction. Fencing shall be six-foot-high cyclone attached to two-inch diameter steel posts drive 18 inches into the ground and spaced no further than 10 feet apart. Include a tree protection fencing plan with the construction plans.
  12. REPLACEMENT TREES: New trees shall be planted to mitigate the loss of trees being removed. The number of trees and size of replacement trees shall be determined using the canopy replacement table in the Town Code. Town Code requires a minimum 24-inch box size replacement tree. New trees shall be double staked with rubber ties and shall be planted prior to final inspection and issuance of occupancy permits.
  13. LANDSCAPE PLAN: The final landscape plan shall comply with the Hillside Development Standards and Guidelines criteria for planting (ornamental planting shall be confined to areas within 30 feet of the house, inclusive of decks, patios and driveway).
  14. WATER EFFICIENCY LANDSCAPE ORDINANCE: The final landscape plan, including landscape and irrigation plans and calculations, shall meet the Town of Los Gatos Water Conservation Ordinance or the State Water Efficient Landscape Ordinance, whichever is more restrictive. The final landscape plan shall be reviewed by the Town's consultant prior to issuance of building permits. A review fee based on the current fee schedule adopted by the Town Council is required when working landscape and irrigation plans are submitted for review.
  15. PROPERTY FENCE: All new fencing shall comply with Town Code Section 29.40.0315 at building permit stage, unless an exception is granted by the Community Development Director.
  16. BMP IN-LIEU FEE: A Below Market Price (BMP) in-lieu fee (6% of the building valuation as determined by the Building Official) shall be paid by the developer prior to issuance of an occupancy permit for the new residence.
  17. FRONT YARD LANDSCAPE: Prior to issuance of a Certificate of Occupancy the front yard

- must be landscaped.
18. STORY POLES: The story poles on the project site shall be removed within 30 days of approval of the Architecture & Site application.
  19. NESTING BIRDS: To avoid impacts to nesting birds, the removal of trees and shrubs shall be minimized to the greatest extent feasible. Construction activities that include any tree removal, pruning, grading, grubbing, or demolition shall be conducted outside of the bird nesting season (January 15 through September 15) to the greatest extent feasible. If this type of construction starts, if work is scheduled to start or if work already occurring during the nesting season stops for at least two weeks and is scheduled to resume during the bird nesting season, then a qualified biologist shall conduct a pre-construction surveys for nesting birds to ensure that no nests would be disturbed during project construction. If project-related work is scheduled during the nesting season (February 15 to August 30 for small bird species such as passerines; January 15 to September 15 for owls; and February 15 to September 15 for other raptors), a qualified biologist shall conduct nesting bird surveys. Two surveys for active nests of such birds shall occur within 14 days prior to start of construction, with the second survey conducted with 48 hours prior to start of construction. Appropriate minimum survey radius surrounding each work area is typically 250 feet for passerines, 500 feet for smaller raptors, and 1,000 feet for larger raptors. Surveys shall be conducted at the appropriate times of day to observe nesting activities. If the qualified biologist documents active nests within the project site or in nearby surrounding areas, an appropriate buffer between each nest and active construction shall be established. The buffer shall be clearly marked and maintained until the young have fledged and are foraging independently. Prior to construction, the qualified biologist shall conduct baseline monitoring of each nest to characterize "normal" bird behavior and establish a buffer distance, which allows the birds to exhibit normal behavior. The qualified biologist shall monitor the nesting birds daily during construction activities and increase the buffer if birds show signs of unusual or distressed behavior (e.g. defensive flights and vocalizations, standing up from a brooding position, and/or flying away from the nest). If buffer establishment is not possible, the qualified biologist or construction foreman shall have the authority to cease all construction work in the area until the young have fledged and the nest is no longer active.
  20. SPECIAL-STATUS BATS: Approximately 14 days prior to tree removal or structure demolition activities, a qualified biologist shall conduct a habitat assessment for bats and potential roosting sites in trees to be removed, in trees within 50 feet of the development footprint, and within and surrounding any structures that may be disturbed by the project. These surveys will include a visual inspection of potential roosting features (bats need not be present) and a search for presence of guano within the project site, construction access routes, and 50 feet around these areas. Cavities, crevices, exfoliating bark, and bark fissures that could provide suitable potential nest or roost habitat for bats shall be surveyed. Assumptions can be made on what species is present due to observed visual characteristics along with habitat use, or the bats can be identified to the species level with the use of a bat echolocation detector such as an "Anabat" unit. Potential roosting features found during the survey shall be flagged or marked.

If no roosting sites or bats are found, a letter report confirming absence will be prepared and no further measures are required.

If bats or roosting sites are found, a letter report and supplemental documents will be prepared prior to grading permit issuance and the following monitoring, exclusion, and habitat replacement measures will be implemented:

- a. If bats are found roosting outside of the nursery season (May 1 through October 1), they will be evicted as described under (b) below. If bats are found roosting during the nursery season, they will be monitored to determine if the roost site is a maternal roost. This could occur by either visual inspection of the roost bat pups, if possible, or by monitoring the roost after the adults leave for the night to listen for bat pups. If the roost is determined to not be a maternal roost, then the bats will be evicted as described under (b) below. Because bat pups cannot leave the roost until they are mature enough, eviction of a maternal roost cannot occur during the nursery season. Therefore, if a maternal roost is present, a 50-foot buffer zone (or different size if determined in consultation with the CDFW) will be established around the roosting site within which no construction activities including tree removal or structure disturbance will occur until after the nursery season.
- b. If a non-breeding bat hibernaculum is found in a tree or snag scheduled for removal or on any structures scheduled to be disturbed by project activities, the individuals will be safely evicted, under the direction of a qualified bat biologist. If pre-construction surveys determine that there are bats present in any trees to be removed, exclusion structures (e.g. one-way doors or similar methods) shall be installed by a qualified biologist. The exclusion structures shall not be placed until the time of year in which young are able to fly, outside of the nursery season. Information on placement of exclusion structures shall be provided to the CDFW prior to construction.

If needed, other methods conducted under the direction of a qualified bat biologist could include: carefully opening the roosting area in a tree or snag by hand to expose the cavity and opening doors/windows on structures, or creating openings in walls to allow light into the structures. Removal of any trees or snags and disturbance of any structures will be conducted no earlier than the following day (i.e., at least one night will be provided between initial roost eviction disturbance and tree removal/structure disturbance). This action will allow bats to leave during dark hours, which increases their chance of finding new roosts with a minimum of potential predation.

21. **ARCHAEOLOGICAL RESOURCES AND HUMAN REMAINS:**

- a. In the event that archaeological traces are encountered, all construction within a 50-meter radius of the find will be halted, the Community Development Director will be notified, and an archaeologist will be retained to examine the find and make appropriate recommendations.
- b. If human remains are discovered, the Santa Clara County Coroner will be notified. The Coroner will determine whether or not the remains are Native American. If the



Coroner determines the remains are not subject to his authority, he will notify the Native American Heritage Commission, who shall attempt to identify descendants of the deceased Native Americans.

- c. If the Community Development Director finds that the archaeological find is not a significant resource, work will resume only after the submittal of a preliminary archaeological report and after provisions for reburial and ongoing monitoring are accepted. Provisions for identifying descendants of a deceased Native American and for reburial will follow the protocol set forth in CEQA Guidelines Section 15064.5( e). If the site is found to be a significant archaeological site, a mitigation program will be prepared and submitted to the Community Development Director for consideration and approval, in conformance with the protocol set forth in Public Resources Code Section 21083.2.
  - d. A final report shall be prepared when a find is determined to be a significant archaeological site, and/or when Native American remains are found on the site. The final report will include background information on the completed work, a description and list of identified resources, the disposition and curation of these resources, any testing, other recovered information, and conclusions.
22. DUSKY-FOOTED WOODRATS: This project will implement the following standard measures to minimize impacts on woodrats and active woodrat nests on the project site.
- PRECONSTRUCTION SURVEY. A qualified biologist will conduct a preconstruction survey for San Francisco dusky-footed woodrat nests within 30 days of the start of work activities. If active woodrat nests are determined to be present in, or within 10 feet of the impact areas, the conditions below (Avoidance and/or Nest Relocation) will be implemented, as appropriate. If no active woodrat nests are present on or within 10 feet of impact areas, no further conditions are warranted.
  - AVOIDANCE. Active woodrat nests that are detected within the work area will be avoided to the extent feasible. Ideally, a minimum 10-foot buffer will be maintained between project activities and woodrat nests to avoid disturbance. In some situations, a small buffer may be allowed if, in the opinion of a qualified biologist, nest relocation (below) would represent a greater disturbance to the woodrats than the adjacent work activities.
  - NEST RELOCATION. If avoidance of active woodrat nests within and immediately adjacent to (within 10 feet of) the work areas is not feasible, then nest materials will be relocated to suitable habitat as close to the project site as possible (ideally, within or immediately adjacent to the project site).

Relocation efforts will avoid the peak nesting season (February-July) to the maximum extent feasible. Prior to the start of construction activities, a qualified biologist will disturb the woodrat nest to the degree that all woodrats leave the nest and seek refuge outside of the construction area. Disturbance of the woodrat nest will be initiated no earlier than one hour before dusk to prevent the exposure of woodrats to diurnal predators. Subsequently, the biologist will dismantle and relocate the nest material by hand. During the deconstruction process, the biologist will attempt to assess if there are

juveniles in the nest. If immobile juveniles are observed, the deconstruction process will be discontinued until a time when the biologist believes the juveniles will be capable of independent survival (typically after 2 to 3 weeks). A no-disturbance buffer will be established around the nest until the juveniles are mobile. The nest may be dismantled once the biologist has determined that adverse impacts on the juveniles would not occur.

23. TOWN INDEMNITY: Applicants are notified that Town Code Section 1.10.115 requires that any applicant who receives a permit or entitlement (“the Project”) from the Town shall defend (with counsel approved by Town), indemnify, and hold harmless the Town, its agents, officers, and employees from and against any claim, action, or proceeding (including without limitation any appeal or petition for review thereof) against the Town or its agents, officers or employees related to an approval of the Project, including without limitation any related application, permit, certification, condition, environmental determination, other approval, compliance or failure to comply with applicable laws and regulations, and/or processing methods (“Challenge”). Town may (but is not obligated to) defend such Challenge as Town, in its sole discretion, determines appropriate, all at applicant’s sole cost and expense.

Applicant shall bear any and all losses, damages, injuries, liabilities, costs and expenses (including, without limitation, staff time and in-house attorney’s fees on a fully-loaded basis, attorney’s fees for outside legal counsel, expert witness fees, court costs, and other litigation expenses) arising out of or related to any Challenge (“Costs”), whether incurred by Applicant, Town, or awarded to any third party, and shall pay to the Town upon demand any Costs incurred by the Town. No modification of the Project, any application, permit certification, condition, environmental determination, other approval, change in applicable laws and regulations, or change in such Challenge as Town, in its sole discretion, determines appropriate, all the applicant’s sole cost and expense. No modification of the Project, any application, permit certification, condition, environmental determination, other approval, change in applicable laws and regulations, or change in processing methods shall alter the applicant’s indemnity obligation.

24. COMPLIANCE MEMORANDUM: A memorandum shall be prepared and submitted with the building plans detailing how the Conditions of Approval will be addressed.

#### *Building Division*

25. PERMITS REQUIRED: A Building Permit is required for the construction of the new single-family residence and attached garage. Additional Building Permits will be required for all detached structures such as swimming pools and retaining walls supporting a surcharge. A separate Building Permit will be required for the Photovoltaic System required by the California Energy Code.
26. APPLICABLE CODES: The current codes, as amended and adopted by the Town of Los Gatos as of January 1, 2023, are the 2022 California Building Standards Code, California Code of Regulations Title 24, Parts 1-12, including locally adopted Reach Codes.

27. **CONDITIONS OF APPROVAL:** The Conditions of Approval must be blue lined in full on the cover sheet of the construction plans. A Compliance Memorandum shall be prepared and submitted with the building permit application detailing how the Conditions of Approval will be addressed.
28. **BUILDING & SUITE NUMBERS:** Submit requests for new building addresses to the Building Division prior to submitting for the building permit application process.
29. **SIZE OF PLANS:** Minimum size 24" x 36", maximum size 30" x 42".
30. **SOILS REPORT:** A Soils Report, prepared to the satisfaction of the Building Official, containing foundation, and retaining wall design recommendations, shall be submitted with the Building Permit Application. This report shall be prepared by a licensed Civil Engineer specializing in soils mechanics.
31. **SHORING:** Shoring plans and calculations will be required for all excavations which exceed five (5) feet in depth, or which remove lateral support from any existing building, adjacent property, or the public right-of-way. Shoring plans and calculations shall be prepared by a California licensed engineer and shall confirm to the Cal/OSHA regulations.
32. **FOUNDATION INSPECTIONS:** A pad certificate prepared by a licensed civil engineer or land surveyor shall be submitted to the project Building Inspector at foundation inspection. This certificate shall certify compliance with the recommendations as specified in the Soils Report, and that the building pad elevations and on-site retaining wall locations and elevations have been prepared according to the approved plans. Horizontal and vertical controls shall be set and certified by a licensed surveyor or registered Civil Engineer for the following items:
  - a. Building pad elevation
  - b. Finish floor elevation
  - c. Foundation corner locations
  - d. Retaining wall(s) locations and elevations
33. **TITLE 24 ENERGY COMPLIANCE:** All required California Title 24 Energy Compliance Forms must be blue-lined (sticky-backed), i.e., directly printed, onto a plan sheet.
34. **TOWN RESIDENTIAL ACCESSIBILITY STANDARDS:** New residential units shall be designed with adaptability features for single-family residences per Town Resolution 1994-61:
  - a. Wood backing (2" x 8" minimum) shall be provided in all bathroom walls, at water closets, showers, and bathtubs, located 34 inches from the floor to the center of the backing, suitable for the installation of grab bars if needed in the future.
  - b. All passage doors shall be at least 32-inch-wide doors on the accessible floor level.
  - c. The primary entrance door shall be a 36-inch-wide door including a 5'x 5' level landing, no more than 1 inch out of plane with the immediate interior floor level and with an 18-inch clearance at interior strike edge.
  - d. A door buzzer, bell or chime shall be hard wired at primary entrance.
35. **BACKWATER VALVE:** The scope of this project may require the installation of a sanitary sewer backwater valve per Town Ordinance 6.40.020. Please provide information on the plans if a backwater valve is required and the location of the installation. The Town of Los Gatos Ordinance and West Valley Sanitation District (WVSD) requires backwater valves on drainage piping serving fixtures that have flood level rims less than 12 inches above the elevation of the next upstream manhole.

36. HAZARDOUS FIRE ZONE: All projects in the Town of Los Gatos require Class A roof assemblies.
37. WILDLAND-URBAN INTERFACE: This project is located in a Wildland-Urban Interface High Fire Area and must comply with Section R337 of the 2019 California Residential Code, Public Resources Code 4291 and California Government Code Section 51182.
38. PROVIDE DEFENSIBLE SPACE/FIRE BREAK LANDSCAPING PLAN: Prepared by a California licensed Landscape Architect in conformance with California Public Resources Code 4291 and California Government Code Section 51182.
39. PRIOR TO FINAL INSPECTION: Provide a letter from a California licensed Landscape Architect certifying the landscaping and vegetation clearance requirements have been completed per the California Public Resources Code 4291 and Government Code Section 51182.
40. SPECIAL INSPECTIONS: When a special inspection is required by CBC Section 1704, the Architect or Engineer of Record shall prepare an inspection program that shall be submitted to the Building Official for approval prior to issuance of the Building Permit. The Town Special Inspection form must be completely filled-out and signed by all requested parties prior to permit issuance. Special Inspection forms are available online at [www.losgatosca.gov/building](http://www.losgatosca.gov/building).
41. BLUEPRINT FOR A CLEAN BAY SHEET: The Town standard Santa Clara Valley Nonpoint Source Pollution Control Program Sheet (page size same as submitted drawings) shall be part of the plan submittal as the second page. The specification sheet is available online at [www.losgatosca.gov/building](http://www.losgatosca.gov/building).
42. APPROVALS REQUIRED: The project requires the following departments and agencies approval before issuing a building permit:
  - a. Community Development – Planning Division: (408) 354-6874
  - b. Engineering/Parks & Public Works Department: (408) 399-5771
  - c. Santa Clara County Fire Department: (408) 378-4010
  - d. West Valley Sanitation District: (408) 378-2407
  - e. Local School District: The Town will forward the paperwork to the appropriate school district(s) for processing. A copy of the paid receipt is required prior to permit issuance.

#### *Engineering Division*

43. GENERAL: All public improvements shall be made according to the latest adopted Town Standard Plans, Standard Specifications and Engineering Design Standards. All work shall conform to the applicable Town ordinances. The adjacent public right-of-way shall be kept clear of all job-related mud, silt, concrete, dirt and other construction debris at the end of the day. Dirt and debris shall not be washed into storm drainage facilities. The storing of goods and materials on the sidewalk and/or the street will not be allowed unless an encroachment permit is issued by the Engineering Division of the Parks and Public Works Department. The Owner and/or Applicant's representative in charge shall be at the job site during all working hours. Failure to maintain the public right-of-way according to this condition may result in the issuance of correction notices, citations, or stop work orders and the Town performing the required maintenance at the Owner and/or Applicant's expense.

44. APPROVAL: This application shall be completed in accordance with all the conditions of approval listed below and in substantial compliance with the latest reviewed and approved development plans. Any changes or modifications to the approved plans or conditions of approvals shall be approved by the Town Engineer.
45. PRIOR APPROVALS: All conditions per prior approvals (including Ordinance 2147, etc.) shall be deemed in full force and affect for this approval.
46. CHANGE OF OCCUPANCY: Prior to initial occupancy and any subsequent change in use or occupancy of any non-residential condominium space, the buyer or the new or existing occupant shall apply to the Community Development Department and obtain approval for use determination and building permit and obtain inspection approval for any necessary work to establish the use and/or occupancy consistent with that intended.
47. ENCROACHMENT PERMIT: All work in the public right-of-way will require a Construction Encroachment Permit. All work over \$5,000 will require construction security. It is the responsibility of the Owner/Applicant to obtain any necessary encroachment permits from affected agencies and private parties, including but not limited to, Pacific Gas and Electric (PG&E), AT&T, Comcast, Santa Clara Valley Water District, California Department of Transportation (Caltrans). Copies of any approvals or permits must be submitted to the Town Engineering Division of the Parks and Public Works Department prior to releasing any permit.
48. GENERAL LIABILITY INSURANCE: The property owner shall provide proof of insurance to the Town on a yearly basis. In addition to general coverage, the policy must cover all elements encroaching into the Town's right-of-way.
49. PUBLIC WORKS INSPECTIONS: The Owner and/or Applicant or their representative shall notify the Engineering Inspector at least twenty-four (24) hours before starting any work pertaining to on-site drainage facilities, grading or paving, and all work in the Town's right-of-way. Failure to do so will result in penalties and rejection of any work that occurred without inspection.
50. RESTORATION OF PUBLIC IMPROVEMENTS: The Owner and/or Applicant or their representative shall repair or replace all existing improvements not designated for removal that are damaged or removed because of the Owner and/or Applicant or their representative's operations. Improvements such as, but not limited to: curbs, gutters, sidewalks, driveways, signs, pavements, raised pavement markers, thermoplastic pavement markings, etc., shall be repaired and replaced to a condition equal to or better than the original condition. Any new concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore. Existing improvement to be repaired or replaced shall be at the direction of the Engineering Construction Inspector and shall comply with all Title 24 Disabled Access provisions. The restoration of all improvements identified by the Engineering Construction Inspector shall be completed before the issuance of a certificate of occupancy. The Owner and/or Applicant or their representative shall request a walk-through with the Engineering Construction Inspector before the start of construction to verify existing conditions.

51. SITE SUPERVISION: The General Contractor shall provide qualified supervision on the job site at all times during construction.
52. STREET CLOSURE: Any proposed blockage or partial closure of the street requires an encroachment permit. Special provisions such as limitations on works hours, protective enclosures, or other means to facilitate public access in a safe manner may be required.
53. PLAN CHECK FEES: Plan check fees associated with the Grading Permit shall be deposited with the Engineering Division of the Parks and Public Works Department prior to the commencement of plan check review.
54. INSPECTION FEES: Inspection fees shall be deposited with the Town prior to the issuance of any grading or building permits.
55. DESIGN CHANGES: Any proposed changes to the approved plans shall be subject to the approval of the Town prior to the commencement of any and all altered work. The Owner and/or Applicant's project engineer shall notify, in writing, the Town Engineer at least seventy-two (72) hours in advance of all the proposed changes. Any approved changes shall be incorporated into the final "as-built" plans.
56. PLANS AND STUDIES: All required plans and studies shall be prepared by a Registered Professional Engineer in the State of California and submitted to the Town Engineer for review and approval. Additionally, any studies imposed by the Planning Commission or Town Council shall be funded by the Owner and/or Applicant.
57. GRADING PERMIT: A grading permit is required for all site grading and drainage work except for exemptions listed in Section 12.20.015 of The Code of the Town of Los Gatos (Grading Ordinance). After the preceding Architecture and Site Application has been approved by the respective deciding body, the grading permit application (with grading plans and associated required materials and plan check fees) shall be made to the Engineering Division of the Parks and Public Works Department located at 41 Miles Avenue. The grading plans shall include final grading, drainage, retaining wall location(s), driveway, utilities and interim erosion control. Grading plans shall list earthwork quantities and a table of existing and proposed impervious areas. Unless specifically allowed by the Director of Parks and Public Works, the grading permit will be issued concurrently with the building permit. The grading permit is for work outside the building footprint(s). Prior to Engineering signing off and closing out on the issued grading permit, the Owner/Applicant's soils engineer shall verify, with a stamped and signed letter, that the grading activities were completed per plans and per the requirements as noted in the soils report. A separate building permit, issued by the Building Department, located at 110 E. Main Street, is needed for grading within the building footprint.
58. GRADING ACTIVITY RESTRICTIONS: Upon receipt of a grading permit, any and all grading activities and operations shall not commence until after/occur during the rainy season, as defined by Town Code of the Town of Los Gatos, Sec. 12.10.020, (October 15-April 15), has ended.
59. COMPLIANCE WITH HILLSIDE DEVELOPMENT STANDARDS AND GUIDELINES: All grading activities and operations shall be in compliance with Section III of the Town's Hillside Development Standards and Guidelines. All development shall be in compliance with Section II of the Town's Hillside Development Standards and Guidelines.

60. DRIVEWAY: The driveway conform to existing pavement on Santella Court shall be constructed in a manner such that the existing drainage patterns will not be obstructed.
61. CONSTRUCTION EASEMENT: Prior to the issuance of a grading or building permit, it shall be the sole responsibility of the Owner and/or Applicant to obtain any and all proposed or required easements and/or permissions necessary to perform the grading herein proposed. Proof of agreement/approval is required prior to the issuance of any Permit.
62. DRAINAGE IMPROVEMENT: Prior to the issuance of any grading/improvement permits, whichever comes first, the Owner and/or Applicant shall:
  - a. Design provisions for surface drainage;
  - b. Design all necessary storm drain facilities extending to a satisfactory point of disposal for the proper control and disposal of storm runoff; and
  - c. Provide a recorded copy of any required easements to the Town.
63. TREE REMOVAL: Copies of all necessary tree removal permits shall be provided prior to the issuance of a grading permit/building permit.
64. SURVEYING CONTROLS: Horizontal and vertical controls shall be set and certified by a licensed surveyor or registered civil engineer qualified to practice land surveying, for the following items:
  - a. Retaining wall: top of wall elevations and locations.
  - b. Toe and top of cut and fill slopes.
65. PRECONSTRUCTION MEETING: Prior to issuance of any grading or building permits or the commencement of any site work, the general contractor shall:
  - a. Along with the Owner and/or Applicant, attend a pre-construction meeting with the Town Engineer to discuss the project conditions of approval, working hours, site maintenance and other construction matters;
  - b. Acknowledge in writing that they have read and understand the project conditions of approval and will make certain that all project sub-contractors have read and understand them as well prior to commencing any work, and that a copy of the project conditions of approval will be posted on-site at all times during construction.
66. RETAINING WALLS: A building permit, issued by the Building Department, located at 110 E. Main Street, may be required for site retaining walls. Walls are not reviewed or approved by the Engineering Division of Parks and Public Works during the grading permit plan review process.
67. SOILS REPORT: One copy of the soils and geologic report shall be submitted with the application. The soils report shall include specific criteria and standards governing site grading, drainage, pavement design, retaining wall design, and erosion control. The reports shall be signed and "wet stamped" by the engineer or geologist, in conformance with Section 6735 of the California Business and Professions Code.
68. GEOLOGY AND SOILS MITIGATION MEASURE: A geotechnical investigation shall be conducted for the project to determine the surface and sub-surface conditions at the site and to determine the potential for surface fault rupture on the site. The geotechnical study shall provide recommendations for site grading as well as the design of foundations, retaining walls, concrete slab-on-grade construction, excavation, drainage, on-site utility trenching and pavement sections. All recommendations of the investigation shall be incorporated into project plans.

69. SOILS REVIEW: Prior to Town approval of a development application, the Owner and/or Applicant's engineers shall prepare and submit a design-level geotechnical and geological investigation for review by the Town's consultant, with costs borne by the Owner and/or Applicant, and subsequent approval by the Town. The Owner and/or Applicant's soils engineer shall review the final grading and drainage plans to ensure that designs for foundations, retaining walls, site grading, and site drainage are in accordance with their recommendations and the peer review comments. Approval of the Owner and/or Applicant's soils engineer shall then be conveyed to the Town either by submitting a Plan Review Letter prior to issuance of grading or building permit(s).
70. SOILS ENGINEER CONSTRUCTION OBSERVATION: During construction, all excavations and grading shall be inspected by the Owner and/or Applicant's soils engineer prior to placement of concrete and/or backfill so they can verify that the actual conditions are as anticipated in the design-level geotechnical report and recommend appropriate changes in the recommendations contained in the report, if necessary. The results of the construction observation and testing shall be documented in an "as-built" letter/report prepared by the Owner and/or Applicant's soils engineer and submitted to the Town before a certificate of occupancy is granted.
71. SOIL RECOMMENDATIONS: The project shall incorporate the geotechnical/geological recommendations contained in the project's design-level geotechnical/geological investigation as prepared by the Owner and/or Applicant's engineer(s), and any subsequently required report or addendum. Subsequent reports or addendum are subject to peer review by the Town's consultant and costs shall be borne by the Owner and/or Applicant.
72. DEDICATIONS: The following shall be dedicated by separate instrument. The dedication shall be recorded before any grading or building permits are issued:
  - a. A Private Ingress Egress Easement (PIEE), twenty (20) feet in width, for the benefit of the neighboring Lot 8 to the west (15371 Santella Court; APN 527-09-035).
  - b. Storm drainage and sanitary sewer easements, as required.
73. CERTIFICATE OF OCCUPANCY: The Engineering Division of the Parks and Public Works Department will not sign off on a Temporary Certificate of Occupancy or a Final Certificate of Occupancy until all required improvements within the Town's right-of-way have been completed and approved by the Town.
74. FRONTAGE IMPROVEMENTS: The Owner and/or Applicant shall be required to improve the project's public frontage (right-of-way line to centerline and/or to limits per the direction of the Town Engineer) to current Town Standards. These improvements may include but not limited to curb, gutter, sidewalk, driveway approach(es), curb ramp(s), signs, pavement, raised pavement markers, thermoplastic pavement markings, storm drain facilities, traffic signal(s), street lighting (upgrade and/or repaint) etc. The improvements must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued.
75. UTILITIES: The Owner and/or Applicant shall install all new, relocated, or temporarily removed utility services, including telephone, electric power and all other communications lines underground, as required by Town Code Section 27.50.015(b). All new utility services shall be placed underground. Underground conduit shall be provided for cable television service. The Owner and/or Applicant is required to obtain approval



of all proposed utility alignments from any and all utility service providers before a Certificate of Occupancy for any new building can be issued. The Town of Los Gatos does not approve or imply approval for final alignment or design of these facilities.

76. PRIVATE EASEMENTS: Agreements detailing rights, limitations and responsibilities of involved parties shall accompany any proposed private easement. Access driveway shall be within the recorded access easement. A new private access easement shall be recorded, and a copy of the recorded agreement shall be submitted to the Engineering Division of the Parks and Public Works Department, prior to issuance of a grading or building permit. A realigned access driveway shall be completed prior to the issuance of grading or building permit.
77. CURB AND GUTTER REPAIR: The Owner and/or Applicant shall repair and replace to existing Town standards any curb and gutter damaged now or during construction of this project. All new and existing adjacent infrastructure must meet Town standards. New curb and gutter shall be constructed per Town Standard Details. New concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore. The limits of curb and gutter repair will be determined by the Engineering Construction Inspector during the construction phase of the project. The improvements must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued.
78. DRIVEWAY APPROACH: The Owner and/or Applicant shall install one (1) Town standard residential driveway approach. The new driveway approach shall be constructed per Town Standard Plans and must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued. New concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore.
79. SIGHT TRIANGLE AND TRAFFIC VIEW AREA: Any proposed improvements, including but not limiting to trees and hedges, will need to abide by Town Code Sections 23.10.080, 26.10.065, and 29.40.030.
80. TRAFFIC IMPACT MITIGATION FEE: Prior to the issuance of any building or grading permits, the Owner/Applicant shall pay the project's proportional share of transportation improvements needed to serve cumulative development within the Town of Los Gatos. The fee amount will be based upon the Town Council resolution in effect at the time the building permit is issued. A fee of **\$46,585.71** shall be paid before issuance of any grading or building permit.
81. PRECONSTRUCTION PAVEMENT SURVEY: Prior to issuance of any grading or building permit, the Owner and/or Applicant shall complete a pavement condition survey documenting the extent of existing pavement defects using a smartphone video (in Landscape orientation only) or digital video camera. The survey shall extend through the Highlands of Los Gatos, from entry to the end of the Santella Court cul-de-sac. The results shall be documented in a report and submitted to the Town for review.
82. POSTCONSTRUCTION PAVEMENT SURVEY: The Owner and/or Applicant shall complete a pavement condition survey to determine whether road damage occurred as a result of project construction. Rehabilitation improvements required to restore the pavement to

- pre-construction condition and strength shall be determined using State of California procedures for deflection analysis. The results shall be documented in a report and submitted to the Town for review and approval before a Certificate of Occupancy for any new building can be issued. The Owner and/or Applicant shall be responsible for completing any required road repairs prior to release of the faithful performance bond.
83. CONSTRUCTION VEHICLE PARKING: Construction vehicle parking within the public right-of-way will only be allowed if it does not cause access or safety problems as determined by the Town.
  84. HAULING OF SOIL: Hauling of soil on- or off-site shall not occur during the morning or evening peak periods (between 7:00 a.m. and 9:00 a.m. and between 4:00 p.m. and 6:00 p.m.), and at other times as specified by the Director of Parks and Public Works. Prior to the issuance of a grading or building permit, the Owner and/or Applicant or their representative shall work with the Town Building Department and Engineering Division Inspectors to devise a traffic control plan to ensure safe and efficient traffic flow under periods when soil is hauled on or off the project site. This may include, but is not limited to provisions for the Owner and/or Applicant to place construction notification signs noting the dates and time of construction and hauling activities, or providing additional traffic control. Coordination with other significant projects in the area may also be required. Cover all trucks hauling soil, sand and other loose debris.
  85. CONSTRUCTION HOURS: All construction activities, including the delivery of construction materials, labors, heavy equipment, supplies, etc., shall be limited to the hours of 8:00 a.m. to 8:00 p.m., weekdays and 9:00 a.m. to 7:00 p.m. weekends and holidays. The Town may authorize, on a case-by-case basis, alternate construction hours. The Owner and/or Applicant shall provide written notice twenty-four (24) hours in advance of modified construction hours. Approval of this request is at discretion of the Town.
  86. CONSTRUCTION NOISE: Between the hours of 8:00 a.m. to 8:00 p.m., weekdays and 9:00 a.m. to 7:00 p.m. weekends and holidays, construction, alteration or repair activities shall be allowed. No individual piece of equipment shall produce a noise level exceeding eighty-five (85) dBA at twenty-five (25) feet from the source. If the device is located within a structure on the property, the measurement shall be made at distances as close to twenty-five (25) feet from the device as possible. The noise level at any point outside of the property plane shall not exceed eighty-five (85) dBA.
  87. CONSTRUCTION MANAGEMENT PLAN SHEET: Prior to the issuance of any grading or building permits, the Owner and/or Applicant's design consultant shall submit a construction management plan sheet (full-size) within the plan set that shall incorporate at a minimum the Earth Movement Plan, Project Schedule, employee parking, construction staging area, materials storage area(s), concrete washout(s) and proposed outhouse location(s). Please refer to the Town's [Construction Management Plan Guidelines](#) document for additional information.
  88. WVSD (West Valley Sanitation District): A Sanitary Sewer Clean-out is required for each property at the property line, within one (1) foot of the property line per West Valley Sanitation District Standard Drawing 3, or at a location specified by the Town.
  89. SANITARY SEWER BACKWATER VALVE: Drainage piping serving fixtures which have flood level rims less than twelve (12) inches (304.8 mm) above the elevation of the next upstream manhole and/or flushing inlet cover at the public or private sewer system

serving such drainage piping shall be protected from backflow of sewage by installing an approved type backwater valve. Fixtures above such elevation shall not discharge through the backwater valve, unless first approved by the Building Official. The Town shall not incur any liability or responsibility for damage resulting from a sewer overflow where the property owner or other person has failed to install a backwater valve as defined in the Uniform Plumbing Code adopted by the Town and maintain such device in a functional operation condition. Evidence of West Sanitation District's decision on whether a backwater device is needed shall be provided prior to the issuance of a building permit.

90. **BEST MANAGEMENT PRACTICES (BMPs):** The Owner and/or Applicant is responsible for ensuring that all contractors are aware of all storm water quality measures and that such measures are implemented. Best Management Practices (BMPs) shall be maintained and be placed for all areas that have been graded or disturbed and for all material, equipment and/or operations that need protection. Removal of BMPs (temporary removal during construction activities) shall be replaced at the end of each working day. Failure to comply with the construction BMP will result in the issuance of correction notices, citations, or stop work orders.
91. **STORMWATER DEVELOPMENT RUNOFF:** All new development and redevelopment projects are subject to the stormwater development runoff requirements. The Owner and/or Applicant or their design consultant shall submit a stormwater control plan and implement conditions of approval that reduce stormwater pollutant discharges through the construction, operation and maintenance of treatment measures and other appropriate source control and site design measures. Increases in runoff volume and flows shall be managed in accordance with the development runoff requirements.
92. **REGULATED PROJECT:** The project is classified as a Regulated Project per Provision C.3.b.ii. and is required to implement LID source control, site design, and stormwater treatment on-site in accordance with Provisions C.3.c. and C.3.d..
93. **SITE DESIGN MEASURES:** All projects shall incorporate at least one of the following measures:
  - a. Protect sensitive areas and minimize changes to the natural topography.
  - b. Minimize impervious surface areas.
  - c. Direct roof downspouts to vegetated areas.
  - d. Use porous or pervious pavement surfaces on the driveway, at a minimum.
  - e. Use landscaping to treat stormwater.
94. **GREEN ROOF:** A Green roof may be considered biotreatment systems that treat roof runoff only if they meet certain minimum specifications. The green roof system planting media shall be sufficiently deep to provide capacity within the pore space of the media for the required runoff volume specified by Provision C.3.d.i.(1), in addition to supporting the long-term health of the vegetation selected for the green roof, as specified by a landscape architect or other knowledgeable professional.
95. **UNLAWFUL DISCHARGES:** It is unlawful to discharge any wastewater, or cause hazardous domestic waste materials to be deposited in such a manner or location as to constitute a threatened discharge, into storm drains, gutters, creeks or the San Francisco Bay. Unlawful discharges to storm drains include, but are not limited to: discharges from

toilets, sinks, industrial processes, cooling systems, boilers, fabric cleaning, equipment cleaning or vehicle cleaning.

96. EROSION CONTROL: Interim and final erosion control plans shall be prepared and submitted to the Engineering Division of the Parks and Public Works Department. A maximum of two (2) weeks is allowed between clearing of an area and stabilizing/building on an area if grading is allowed during the rainy season. Interim erosion control measures, to be carried out during construction and before installation of the final landscaping, shall be included. Interim erosion control method shall include, but are not limited to: silt fences, fiber rolls (with locations and details), erosion control blankets, Town standard seeding specification, filter berms, check dams, retention basins, etc. Provide erosion control measures as needed to protect downstream water quality during winter months. The Town of Los Gatos Engineering Division of the Parks and Public Works Department and the Building Department will conduct periodic NPDES inspections of the site throughout the recognized storm season to verify compliance with the Construction General Permit and Stormwater ordinances and regulations.
97. DUST CONTROL: Blowing dust shall be reduced by timing construction activities so that paving and building construction begin as soon as possible after completion of grading, and by landscaping disturbed soils as soon as possible. Further, water trucks shall be present and in use at the construction site. All portions of the site subject to blowing dust shall be watered as often as deemed necessary by the Town, or a minimum of three (3) times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites in order to insure proper control of blowing dust for the duration of the project. Watering on public streets shall not occur. Streets shall be cleaned by street sweepers or by hand as often as deemed necessary by the Town Engineer, or at least once a day. Watering associated with on-site construction activity shall take place between the hours of 8 a.m. and 5 p.m. and shall include at least one (1) late-afternoon watering to minimize the effects of blowing dust. All public streets soiled or littered due to this construction activity shall be cleaned and swept on a daily basis during the workweek to the satisfaction of the Town. Demolition or earthwork activities shall be halted when wind speeds (instantaneous gusts) exceed twenty (20) miles per hour (MPH). All trucks hauling soil, sand, or other loose debris shall be covered.
98. AIR QUALITY: To limit the project's construction-related dust and criteria pollutant emissions, the following the Bay Area Air Quality Management District (BAAQMD)-recommended basic construction measures shall be included in the project's grading plan, building plans, and contract specifications:
  - a. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day, or otherwise kept dust-free.
  - b. All haul trucks designated for removal of excavated soil and demolition debris from site shall be staged off-site until materials are ready for immediate loading and removal from site.
  - c. All haul trucks transporting soil, sand, debris, or other loose material off-site shall be covered.
  - d. As practicable, all haul trucks and other large construction equipment shall be staged in areas away from the adjacent residential homes.

- e. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day, or as deemed appropriate by Town Engineer. The use of dry power sweeping is prohibited. An on-site track-out control device is also recommended to minimize mud and dirt-track-out onto adjacent public roads.
  - f. All vehicle speeds on unpaved surfaces shall be limited to fifteen (15) miles per hour.
  - g. All driveways and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
  - h. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within forty-eight (48) hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.
  - i. All excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed twenty (20) miles per hour.
  - j. Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established.
99. **DETAILING OF STORMWATER MANAGEMENT FACILITIES:** Prior to the issuance of any grading or building permits, all pertinent details of any and all proposed stormwater management facilities, including, but not limited to, ditches, swales, pipes, bubble-ups, dry wells, outfalls, infiltration trenches, detention basins and energy dissipaters, shall be provided on submitted plans, reviewed by the Engineering Division of the Parks and Public Works Department, and approved for implementation.
100. **CONSTRUCTION ACTIVITIES:** All construction shall conform to the latest requirements of the CASQA Stormwater Best Management Practices Handbooks for Construction Activities and New Development and Redevelopment, the Town's grading and erosion control ordinance, and other generally accepted engineering practices for erosion control as required by the Town Engineer when undertaking construction activities.
101. **WATER FEATURES:** New swimming pools, hot tubs or spas shall have a connection to the sanitary sewer system, subject to West Valley Sanitation District's authority and standards, to facilitate draining events. Discharges from these features shall be directed to the sanitary sewer and are not allowed into the storm drain system.
102. **SITE DRAINAGE:** Rainwater leaders shall be discharged to splash blocks. No through curb drains will be allowed. On-site drainage systems for all projects shall include one of the alternatives included in section C.3.i of the Municipal Regional NPDES Permit. These include storm water reuse via cisterns or rain barrels, directing runoff from impervious surfaces to vegetated areas and use of permeable surfaces. No improvements shall obstruct or divert runoff to the detriment of an adjacent, downstream or down slope property.
103. **STORM WATER MANAGEMENT PLAN:** A storm water management shall be included with the grading permit application for all Group 1 and Group 2 projects as defined in the amended provisions C.3 of the Municipal Regional Stormwater NPDES Permit, Order R2-2015-0049, NPDES Permit No. CAS612008. The plan shall delineate source control measures and BMPs together with the sizing calculations. The plan shall be certified by a

professional pre-qualified by the Town. In the event that the storm water measures proposed on the Planning approval differ significantly from those certified on the Building/Grading Permit, the Town may require a modification of the Planning approval prior to release of the Building Permit. The Owner and/or Applicant may elect to have the Planning submittal certified to avoid this possibility.

104. STORM WATER MANAGEMENT PLAN CERTIFICATION: Certification from the biotreatment soils provider is required and shall be given to Engineering Division Inspection staff a minimum of thirty (30) days prior to delivery of the material to the job site. Additionally deliver tags from the soil mix shall also be provided to Engineering Division Inspection staff. Sample Certification can be found here: [http://www.scvurppp-w2k.com/nd\\_wp.shtml?zoom\\_highlight=BIOTREATMENT+SOIL](http://www.scvurppp-w2k.com/nd_wp.shtml?zoom_highlight=BIOTREATMENT+SOIL).
105. SILT AND MUD IN PUBLIC RIGHT-OF-WAY: It is the responsibility of Contractor and homeowner to make sure that all dirt tracked into the public right-of-way is cleaned up on a daily basis. Mud, silt, concrete and other construction debris SHALL NOT be washed into the Town's storm drains.
106. GOOD HOUSEKEEPING: Good housekeeping practices shall be observed at all times during the course of construction. All construction shall be diligently supervised by a person or persons authorized to do so at all times during working hours. The Owner and/or Applicant's representative in charge shall be at the job site during all working hours. Failure to maintain the public right-of-way according to this condition may result in penalties and/or the Town performing the required maintenance at the Owner and/or Applicant's expense.
107. PERMIT ISSUANCE: Permits for each phase; reclamation, landscape, and grading, shall be issued simultaneously.
108. COVERED TRUCKS: All trucks transporting materials to and from the site shall be covered.

TO THE SATISFACTION OF THE SANTA CLARA COUNTY FIRE DEPARTMENT:

109. Review of this Developmental proposal is limited to acceptability of site access, water supply and may include specific additional requirements as they pertain to fire department operations, and shall not be construed as a substitute for formal plan review to determine compliance with adopted model codes. Prior to performing any work, the applicant shall make application to, and receive from, the Building Department all applicable construction permits.
110. NOTE: The subject property is located within the Very High Fire Hazard Severity Zone (VHFHSZ) of the Local Responsibility Area (LRA). Pursuant to California Public Resources Code (PRC) 4290, the California Board of Forestry and Fire Protection is required to "...adopt regulations implementing minimum fire safety standards related to defensible space" applicable to "the perimeters and access to all residential, commercial, and industrial building construction." In 2018, the Legislature passed and the Governor signed SB 901 (Dodd), which expanded the applicability of the regulations promulgated under PRC 4290 to land in the Local Responsibility Area (LRA) Very High Fire Hazard Severity Zone. All comments below that result from PRC 4290 are identified by \*\*. Where a conflict exists between local & 4290 requirements, the more stringent

requirement shall apply. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter

111. WIDTH: (As Noted on Sheet C9) (a) All roads shall be constructed to provide a minimum of two ten (10) foot traffic lanes, not including shoulder and striping. These traffic lanes shall provide for two-way traffic flow to support emergency vehicle and civilian egress, unless other standards are provided in this article or additional requirements are mandated by local jurisdictions or local subdivision requirements. Vertical clearances shall conform to the requirements in California Vehicle Code section 35250. (b) All one-way roads shall be constructed to provide a minimum of one twelve (12) foot traffic lane, not including shoulders. The local jurisdiction may approve one-way roads. (1) All one-way roads shall, at both ends, connect to a road with two traffic lanes providing for travel in different directions, and shall provide access to an area currently zoned for no more than ten (10) residential units. (2) In no case shall a one-way road exceed 2,640 feet in length. A turnout shall be placed and constructed at approximately the midpoint of each one-way road. (c) All driveways shall be constructed to provide a minimum of one (1) ten (10) foot traffic lane, fourteen (14) feet unobstructed horizontal clearance, and unobstructed vertical clearance of thirteen feet, six inches (13' 6"). California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 2 Articles 1-5, § 1273.01.
112. ROAD SURFACES: (a) Roads shall be designed and maintained to support the imposed load of fire apparatus weighing at least 75,000 pounds and provide an aggregate base. (b) Driveways and road and driveway structures shall be designed and maintained to support at least 40,000 pounds. (c) Project proponent shall provide engineering specifications to support design, if requested by the local authority having jurisdiction. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 2, Articles 1-5, § 1273.02.
113. GRADES: (a) At no point shall the grade for all roads and driveways exceed 16 percent. (b) The grade may exceed 16%, not to exceed 20%, with approval from the local authority having jurisdiction and with mitigations to provide for same practical effect. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 2, Articles 1-5, § 1273.03.
114. RADIUS: (a) No road or road structure shall have a horizontal inside radius of curvature of less than fifty (50) feet. An additional surface width of four (4) feet shall be added to curves of 50-100 feet radius; two (2) feet to those from 100-200 feet. (b) The length of vertical curves in roadways, exclusive of gutters, ditches, and drainage structures designed to hold or divert water, shall be not less than one hundred (100) feet. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 2, Articles 1-5, § 1273.04.
115. TURNAROUND: (As Noted on Sheet C5) (a) Turnarounds are required on driveways and dead-end roads. (b) The minimum turning radius for a turnaround shall be forty (40) feet, not including parking, in accordance with the figures in 14 CCR §§ 1273.05(e) and 1273.05(f). If a hammerhead/T is used instead, the top of the "T" shall be a minimum of sixty (60) feet in length. (c) Driveways exceeding 150 feet in length, but less than 800 feet in length, shall provide a turnout near the midpoint of the driveway. Where the driveway exceeds 800 feet, turnouts shall be provided no more than 400 feet apart. (d) A turnaround shall be provided on driveways over 300 feet in length and shall be within

fifty (50) feet of the building. (e) Each dead-end road shall have a turnaround constructed at its terminus. Where parcels are zoned five (5) acres or larger, turnarounds shall be provided at a maximum of 1,320-foot intervals. (e) Figure A. Turnarounds on roads with two ten-foot traffic lanes. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 2, Articles 1-5, § 1273.05.

116. DEAD-END ROADS: (Request of Exception approval shown on sheet C9) (a) The maximum length of a dead-end road, including all dead-end roads accessed from that dead-end road, shall not exceed the following cumulative lengths, regardless of the number of parcels served: parcels zoned for less than one acre - 800 feet. Parcels zoned for 1 acre to 4.99 acres - 1,320 feet. Parcels zoned for 5 acres to 19.99 acres - 2,640 feet. Parcels zoned for 20 acres or larger - 5,280 feet. All lengths shall be measured from the edge of the road surface at the intersection that begins the road to the end of the road surface at its farthest point. Where a dead-end road crosses areas of differing zoned parcel sizes requiring different length limits, the shortest allowable length shall apply. (b) See 14 CCR § 1273.05 for dead-end road turnaround requirements. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 2, Articles 1-5, § 1273.08.
117. FIRE SPRINKLERS REQUIRED: (As Noted on Sheet A100) Approved automatic sprinkler systems in new and existing buildings and structures shall be provided in the locations described in this Section or in Sections 903.2.1 through 903.2.12 whichever is the more restrictive and Sections 903.2.14 through 903.2.21. For the purposes of this section, firewalls and fire barriers used to separate building areas shall be constructed in accordance with the California Building Code and shall be without openings or penetrations. 1. An automatic sprinkler system shall be provided throughout all new buildings and structures, other than Group R occupancies, except as follows: a. Buildings and structures not located in any Wildland-Urban Interface and not exceeding 1,200 square feet of fire area. b. Buildings and structures located in any Wildland-Urban Interface Fire Area and not exceeding 500 square feet of fire area. c. Group S-2 or U occupancies, including photovoltaic support structures, used exclusively for vehicle parking which meet all of the following: i. Noncombustible construction. ii. Maximum 5,000 square feet in building area. iii. Structure is open on not less than three (3) sides nor 75% of structure perimeter. iv. Minimum of 10 feet separation from existing buildings, or similar structures, unless area is separated by fire walls complying with California Building Code 706. d. Canopies, constructed in accordance with CBC 406.7.2, used exclusively for weather protection of vehicle fueling pads per CBC 406.7.1 and not exceeding 5,000 square feet of fire area. 2. An automatic sprinkler system shall be installed throughout all new buildings with a Group R fire area. Exception: Accessory Dwelling Unit, provided that all of the following are met: a. The unit meets the definition of an Accessory Dwelling Unit as defined in the Government Code Section 65852.2. b. The existing primary residence does not have automatic fire sprinklers. c. The accessory dwelling unit does not exceed 1,200 square feet in size. d. The unit is on the same lot as the primary residence. e. The unit meets all apparatus access and water supply requirements of Chapter 5 and Appendix B of the 2022 California Fire Code. 3. An approved automatic fire sprinkler system shall be installed in new manufactured homes (as defined in California Health and Safety Code Sections 18007 and 18009) and multifamily manufactured homes with two dwelling units (as defined in California



Health and Safety Code Section 18008.7) in accordance with Title 25 of the California Code of Regulations. 4. An automatic sprinkler system shall be installed throughout existing buildings with a Group R fire area when additions are made causing the fire area to exceed 3,600 square feet. Exception: Additions where all of the following are met: a. Building addition does not exceed 500 square feet. b. The resultant structure meets all water supply requirements of Chapter 5 and Appendix B of the 2022 California Fire Code. 5. An automatic sprinkler system shall be provided throughout existing Group A, B, E, F, L, M, S and U buildings and structures, when additions are made that increase the fire area to more than 3,600 square feet or that create conditions described in Sections 903.2.1 through 903.2.18. 6. Any change in the character of occupancy or in use of any building with a fire area equal to or greater than 3,600 square feet which, in the opinion of the fire code official or building official, would place the building into a more hazardous division of the same occupancy group or into a different group of occupancies and constitutes a greater degree of life safety 1 or increased fire risk 2, shall require the installation of an approved fire automatic fire sprinkler system.

118. FIRE DEPARTMENT (ENGINE) DRIVEWAY TURNAROUND REQUIRED: (As Noted on Sheet C5) Provide an approved fire department engine driveway turnaround with a minimum radius of 40 feet outside. Maximum grade in any direction shall be a maximum of 5%. Installations shall conform with Fire Department Standard Details and Specifications D-1. CFC Sec. 503.
119. FIRE APPARATUS (ENGINE) ACCESS DRIVEWAY REQUIRED: (Letter received) An access driveway shall be provided having an all-weather surface of either asphalt, concrete or other engineered surface capable of supporting 75,000 pounds and approved by a civil engineer. It shall have a minimum unobstructed width of 12 feet, vertical clearance of 13 feet 6 inches, minimum turning radius of 40 feet outside, and a maximum slope of 15%. Installations shall conform to Fire Department Standard Details and Specifications sheet D-1.
120. REQUIRED FIRE FLOW: (Letter received) The minimum required fireflow for this project is 1125 Gallons Per Minute (GPM) at 20 psi residual pressure. This fireflow assumes installation of automatic fire sprinklers per CFC [903.3.1.3]
121. ADDRESS IDENTIFICATION: New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Where required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall be a minimum of 6 inches high with a minimum stroke width of 0.5 inch (12.7 mm). Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address numbers shall be maintained. CFC Sec. 505.1.
122. WATER SUPPLY REQUIREMENTS: Potable water supplies shall be protected from contamination caused by fire protection water supplies. It is the responsibility of the applicant and any contractors and subcontractors to contact the water purveyor supplying the site of such project, and to comply with the requirements of that purveyor. Such requirements shall be incorporated into the design of any water-based

fire protection systems, and/or fire suppression water supply systems or storage containers that may be physically connected in any manner to an appliance capable of causing contamination of the potable water supply of the purveyor of record. Final approval of the system(s) under consideration will not be granted by this office until compliance with the requirements of the water purveyor of record are documented by that purveyor as having been met by the applicant(s). 2019 CFC Sec. 903.3.5 and Health and Safety Code 13114.7.

123. CONSTRUCTION SITE FIRE SAFETY: All construction sites must comply with applicable provisions of the CFC Chapter 33 and our Standard Detail and Specification S1-7. Provide appropriate notations on subsequent plan submittals, as appropriate to the project. CFC Chp. 33.
124. This review shall not be construed to be an approval of a violation of the provisions of the California Fire Code or of other laws or regulations of the jurisdiction. A permit presuming to give authority to violate or cancel the provisions of the fire code or other such laws or regulations shall not be valid. Any addition to or alteration of approved construction documents shall be approved in advance. [CFC, Ch.1, 105.3.6]



**TOWN OF LOS GATOS  
COUNCIL AGENDA REPORT**

MEETING DATE: 03/03/2020

ITEM NO: 6

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DATE: February 27, 2020  
TO: Town Council  
FROM: Joel Paulson, Community Development Director  
SUBJECT: Consider an appeal of a Planning Commission decision approving a request for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 1/2:PD. APN 527-09-036. Architecture and Site Application S-18-052. Project Location: 15365 Santella Court. Property Owner: Christian and Hellen Olgaard. Applicant: Hari Sripadanna. Appellant: David Weissman.

**RECOMMENDATION:**

Adopt a resolution denying an appeal of a Planning Commission decision approving Architecture and Site Application S-18-052.

**BACKGROUND:**

The subject two-acre vacant property is lot 9 in the Highlands of Los Gatos, a 19-lot Planned Development (PD), originally approved by the Town Council in 2005. The property is at the north end of Santella Court (see Exhibit 1 of Attachment 1).

The proposed Architecture and Site application was forwarded to the Planning Commission to allow additional consideration of the hillside home, which is the largest in terms of square footage in the Highlands PD and approaches the threshold for a visible home per the Hillside Development Standards and Guidelines (HDS&G).

On January 8, 2020, the Planning Commission unanimously approved the Architecture and Site application. On January 17, 2020, the decision by the Planning Commission was appealed to the Town Council by an interested person, David Weissman (Attachment 4).

**PREPARED BY:** Erin Walters  
Associate Planner

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Reviewed by: Town Manager, Assistant Town Manager, Town Attorney, and Community Development Director

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BACKGROUND (continued):

Pursuant to the Town Code, any interested person as defined by Section 29.10.020 may appeal to the Council any decision of the Planning Commission. For residential projects an interested person is defined as “a person or entity who owns property or resides within 1,000 feet of a property for which a decision has been rendered and can demonstrate that their property will be injured by the decision.” The appellant meets the requirements.

Pursuant to Town Code Section 29.20.280, the appeal must be heard within 56 days of the Planning Commission hearing and in this case, by March 4, 2020. The Council must at least open the public hearing for the item and may continue the matter to a date certain if the Council does not complete its deliberations on the item.

On December 17, 2019, the Town Council adopted an ordinance amending Chapter 29 (Zoning Regulations) of the Town Code regarding the land use appeal process.

Pursuant to Town Code Section 29.20.295, in the appeal, and based on the record, the appellant bears the burden to prove that there was an error or abuse of discretion by the Planning Commission as required by Section 29.20.275. If neither is proved, the appeal should be denied. If the appellant meets the burden, the Town Council shall grant the appeal and may modify, in whole or in part, the determination from which the appeal was taken or, at its discretion, return the matter to Planning Commission. If the basis for granting the appeal is, in whole or in part, information not presented to or considered by the Planning Commission, the matter shall be returned to the Planning Commission for review.

The appellant submitted a revised appeal form on January 29, 2020 (Attachment 5), which reflects the adopted Town Code land use appeal process language.

DISCUSSION:

A. Project Summary

The applicant proposes to construct a new 5,840-square foot single-family home, with 5,529 square feet of living area, 756 square feet of below grade area, and a 711-square foot attached garage. The maximum height of the project is 22 feet. The project proposes a contemporary architectural style to blend with the natural surroundings. Proposed materials include a green roof with single ply membrane roofing, steel fascia, iron and gray colored stone cladding panels, and oxidized metal aluminum doors and windows. Proposed site improvements include a driveway, fire truck turn around, swimming pool, patios, and fire pit.

As proposed, the project would create the largest home in terms of countable square footage in the Highlands PD at 5,840-square feet. However, the proposed project would

DISCUSSION (continued):

not be the largest home in terms of square footage in the immediate area, as the adjacent downhill residence is larger. Due to the property configuration and downward sloping topography of the subject site, the proposed residence would be located below the street level of Santella Court.

The project is consistent with the Zoning, General Plan, applicable HDS&G, Hillside Specific Plan, and Highlands PD Ordinance 2237. The proposed project does not require any exceptions.

B. Planning Commission

On January 8, 2020, the Planning Commission received the Staff Report (Attachment 1), opened the public hearing, and considered testimony from the applicant and the public. One resident spoke in support of the project and one spoke in opposition. After asking questions of the applicant, the Planning Commission closed the public hearing and discussed the project. The Commission approved the application with a 7-0 vote. Attachment 2 contains the verbatim minutes.

C. Appeal to Town Council

The decision of the Planning Commission was appealed on January 17, 2020, by an interested person, David Weissman (Attachments 4 and 5). The appellant provided his reasons for the appeal, which are listed below followed by staff analysis in *italic* font.

1. There was error or abuse of discretion by the Planning Commission: The Town has no written guidelines as to what can be included in a building elevation.

*The HDS&G do not include written guidelines regarding what can be included in an elevation. Staff is tentatively scheduled to bring this matter to the Town Council Policy Committee in March.*

*The HDS&G were adopted by the Town Council in 2004 and in 2017 Town Council amended Chapter II of the HDS&G regarding the visibility analysis.*

*Chapter II, Section B, of the HDS&G outlines steps that shall be taken in completing a visibility analysis and defines a visible home as a single-family residence where 24.5 percent or more of an elevation can be seen from any of the Town's established viewing areas, and/or as determined by the Community Development Director. Percentages shall be rounded to the nearest whole number.*

DISCUSSION (continued):

*The applicant, Srusti Architects, prepared a visibility analysis for the subject property following the methodology required in the HDS&G (Attachment 8). The visibility analysis illustrates that the northwest elevation of the proposed home would not be visible from the Blossom Hill Road and Los Gatos Boulevard viewing areas; and the northeast elevation would be 24 percent visible from the Selinda Way and Los Gatos-Almaden Road viewing area (Attachment 12). The applicant included all vertical planar elements in the 3,825 square-foot northeast elevation, including 890 square feet of connected vertical site elements, as described in Attachment 6.*

*The applicant provided a photograph from a 50 MM lens representing the visibility of the proposed residence from the naked eye and a photograph from a 300 MM lens representing an up-close perspective and help identify any visible story poles, netting, trees, and/or shrubbery as required by the HDS&G from the Selinda Way and Los Gatos-Almaden Road viewing area (Attachment 12, pages 13 and 28).*

*Visible homes are limited to a maximum height of 18 feet. The majority of the project is 18 feet or less in height, with the exception of the thermal chimney. Should the Town Council determine that the home is visible, a height exception for the thermal chimney could be granted or the Town Council could require the height to be reduced to 18 feet.*

2. The Planning Commission's decision is not supported by substantial evidence in the record:

- a. Confusion in the visibility analysis.

*At the January 8, 2020 Planning Commission public hearing, the appellant pointed out labeling inconsistencies in the visibility analysis (Attached 1, Exhibit 10, pages 20, 22, and 23) and in the development plans landscape table (Attachment 1, Exhibit 12, Sheet L-3.0). The tree tables had inadvertently listed six trees to remain that were to be removed, and one tree to be removed that was to remain. The inconsistencies did not affect the results of the visibility analysis. The Planning Commission was made aware of the inconsistencies and voted unanimously to approve the application. The applicant has revised the visibility analysis and development plans (Attachments 12 and 13) to correct the inconsistencies.*

- b. A third-party consultant should redo this analysis.

*Per Chapter II, Section B of the HDS&G, the Community Development Director shall determine if the use of a third-party consultant is required to peer review an applicant's visibility analysis.*

DISCUSSION (continued):

*The visibility analysis was conducted in compliance with procedures established to fully understand the impacts of the proposed project, and the Community Development Director did not require a peer-review of the visibility analysis.*

PUBLIC COMMENTS:

Written notice of the Town Council hearing was sent to property owners and tenants within 500 feet of the subject property. The appellant submitted a supplemental letter, received on February 26, 2020 (Attachment 14). At the time of this report's preparation, the Town has not received any public comment.

CONCLUSION:

A. Recommendation

For the reasons stated in this report, it is recommended that the Town Council uphold the decision of the Planning Commission and adopt a resolution denying the appeal and approving the application with the required findings and considerations (Attachment 9, Exhibit A), conditions of approval (Attachment 9, Exhibit B), and development plans (Attachment 13).

B. Alternatives

Alternatively, the Town Council could:

1. Adopt a resolution (Attachment 10) to grant the appeal and remand the application back to the Planning Commission with specific direction;
2. Adopt a resolution granting the appeal and denying the application (Attachment 11); or
3. Continue the application to a date certain with specific direction.

Attachments:

1. January 8, 2020 Planning Commission Staff Report, with Exhibits 1-12
2. January 8, 2020 Planning Commission Verbatim Minutes
3. Applicant's Handout provided at January 8, 2020 Planning Commission Meeting
4. Appeal of Planning Commission decision, received January 17, 2020
5. Appeal of Planning Commission decision, received January 29, 2020, revised form
6. Applicant's Response to Appeal, received February 6, 2020
7. Lot 10 Visibility Analysis, referenced in applicant's response to appeal

PAGE 6 OF 6

SUBJECT: 15365 Santella Court/S-18-052

DATE: February 27, 2020

8. Hillside Development Standards and Guidelines, Chapter II, Section B. Visibility Analysis
9. Draft Resolution to Deny Appeal and Approve Project, with Exhibits A and B
10. Draft Resolution to Grant Appeal and Remand Project to Planning Commission
11. Draft Resolution to Grant Appeal and Deny Project
12. Visibility Analysis approved at 01-08-20 Planning Commission meeting with revised notes
13. Development Plans approved at 01-08-20 Planning Commission meeting with revised notes
14. Letter from appellant, received February 26, 2020

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**TOWN OF LOS GATOS  
PLANNING COMMISSION  
REPORT**

MEETING DATE: 01/8/2020

ITEM NO: 2

DATE: January 3, 2020  
TO: Planning Commission  
FROM: Joel Paulson, Community Development Director  
SUBJECT: Architecture and Site Application S-18-052. Project Location: **15365 Santella Court**. Applicant: Hari Sripadanna. Property Owner: Christian and Hellen Olgaard. Project Planner: Erin Walters.  
Requesting approval for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 1/2:PD. APN 527-09-036.

RECOMMENDATION:

Approval, subject to the recommended Conditions of Approval.

PROJECT DATA:

General Plan Designation: Hillside Residential  
Zoning Designation: HR-2½:PD  
Applicable Plans & Standards: General Plan; Hillside Development Standards and Guidelines  
Parcel Size: 2 acres  
Surrounding Area:

	Existing Land Use	General Plan	Zoning
North	Residential	Hillside Residential	HR-2½
South	Residential	Hillside Residential	HR-2½:PD
East	Residential	Hillside Residential	HR-2½:PD
West	Undeveloped	Hillside Residential	HR-2½:PD

PREPARED BY: Erin Walters  
Associate Planner

Reviewed by: Planning Manager and Community Development Director

CEQA:

An Environmental Impact Report (EIR) was prepared for the Planned Development and was certified by the Town Council on December 19, 2005. No further environmental analysis is required for the individual lot development.

FINDINGS:

- As required by the Hillside Development Standards and Guidelines that the project complies with the Hillside Development Standards and Guidelines.
- As required by the Hillside Specific Plan.
- As required by Planned Development Ordinance 2237.

CONSIDERATIONS:

- As required by Section 29.20.150 of the Town Code for granting approval of an Architecture and Site application.

ACTION:

The decision of the Planning Commission is final unless appealed within ten days.

BACKGROUND:

The subject property is lot 9 in the Highlands of Los Gatos, a 19-lot Planned Development (PD), originally approved by the Town Council in 2005. On March 17, 2015, the Town Council approved Ordinance 2237, a request to modify the existing PD to allow the use of color averaging for non-visible homes within the development. The property is at the north end of Santella Court (see Exhibit 1). The Architecture and Site application has been referred to the Planning Commission to allow additional consideration of the hillside home, which is the largest in terms of square footage in the Highlands PD and approaches the threshold for a visible home per the Hillside Development Standards and Guidelines (HDS&G).

PROJECT DESCRIPTION:

A. Location and Surrounding Neighborhood

The subject site is a vacant lot located on the northern end of Santella Court (Exhibit 1). Single-family homes are located to the north, east, and south of the subject property. Vacant property is located to the west of the subject property.

PROJECT DESCRIPTION (continued):

B. Project Summary

The applicant is proposing to construct a new 5,840-square foot two-story single-family residence with an attached garage. The proposed house would be located at the northern end of the vacant hillside property. The proposed residence would have a maximum height of 22 feet. The project does not require any exceptions to the HDS&G.

C. Zoning Compliance

A single-family residence is permitted in the HR-2½:PD zone. The proposed residence is in compliance with the allowable floor area for the property. Additionally, the proposed residence is in compliance with height, setbacks, and on-site parking requirements.

DISCUSSION:

A. Architecture and Site Analysis

The applicant is proposing to construct a new 5,840-square foot single-family home, with 5,529 square feet of living area, 756 square feet of below grade area, and a 711- square foot attached garage. A floor area table for countable square footage for the proposed home is shown below.

<b>Floor Area Table</b>		
	<b>Proposed Square Footage</b>	<b>Counts as FAR</b>
Lower Level	2,696	2,696
Upper Level	2,833	2,833
<b>Subtotal</b>	<b>5,529</b>	<b>5,529</b>
Below Grade*	756	0
Attached Garage**	711	311
<b>Total</b>		<b>5,840 s.f.</b>

\* Pursuant to Sec. 29.10.020, floor area means the entire enclosed area of all floors that are more than four feet above the proposed grade, measured from the outer face of exterior walls or in the case of party walls from the centerline.

\*\* Pursuant to the HDS&G a garage up to 400 square feet in area is not included in the floor area ratio calculation.

DISCUSSION (continued):

The project proposes a contemporary architectural style to blend with the natural surroundings. Proposed materials include a green roof with single ply membrane roofing, steel fascia, iron and gray colored stone cladding panels, and oxidized metal aluminum doors and windows, see Sheet A118 of Exhibit 12. A color and materials board will be available at the public hearing. Please see the applicant’s project description (Exhibit 4) and letter of justification (Exhibit 5) for additional information regarding the proposed project.

B. Building Design

The Town’s Consulting Architect reviewed the proposed contemporary style project (Exhibit 7). The Consulting Architect had no issues or concerns and stated in the report, “that the proposed design would be similar to the recently approved home at 15358 Santella Court.” The Consulting Architect also stated, “that in contrast to the adjacent house which has its upper floor at street level, this proposed house would be located substantially down the hillside and the house forms step down the hillside slopes, as specified in the HDS&G.” Additionally, the Consulting Architect reported the project incorporates high quality materials and details and had no recommendations for changes.

C. Height

The proposed location of the residence is at a lower grade than the street level and appears as one-story from Santella Court and two-stories at the side and rear elevations. The maximum height of the proposed residence is 22 feet where the maximum allowed height for homes in the hillside area is 25 feet. Per the HDS&G, the maximum height of a building’s tallest elevation shall not exceed 35 feet measured from the lowest part of the building to the highest point. The proposed residence would have a maximum low to high height of 28 feet.

<b>Building Height</b>		
	<b>Proposed</b>	<b>Allowed per HDS&amp;G</b>
Height	22 ft.	25 ft. max.
Low to High Height	28 ft.	35 ft. max.

DISCUSSION (continued):D. Neighborhood Compatibility

The Highlands PD contains one and two-story residences and includes a mix of architectural styles. Lot sizes within the Planned Development and immediate area range from 1.09 to 5.05 acres. Based on Town and County records, the total countable square footage for residences located in the Highlands PD and the immediate area range from 4,881 square feet to 6,009 square feet. The applicant is proposing a residence with 5,840 of total countable square footage on a two-acre parcel, resulting in the largest home in terms of square footage in the Highlands PD.

The adjacent residence at 15500 Francis Oaks Way, located outside of the Highlands PD to the north and at a grade approximately 110 feet below subject property, is larger than the proposed house with 6,009 of countable square feet.

Pursuant to the HDS&G, the maximum house square footage for the lot size is 6,000 square feet. The table below reflects current conditions of the homes in the immediate area and in the Highlands PD. The homes in the immediate area are highlighted.

Immediate Area and Highlands Planned Development						
PD Lot	Address	House SF	*Garage SF	**Total Countable SF	Site SF	FAR
1	15685 Shady Ln.	4,457	904	4,961	89,226	0.05
2	15672 Shady Ln.	4,652	737	4,989	94,220	0.05
3	15644 Shady Ln.	4,796	1,172	5,568	176,242	0.03
4	15657 Shady Ln.	4,169	1,120	4,889	99,566	0.04
5	15615 Shady Ln.	4,658	740	4,989	80,730	0.06
6	15315 Santella Ct.	4,534	817	4,951	75,006	0.06
7	15343 Santella Ct. <i>Vacant</i>	N/A	N/A	N/A	66,336	N/A
8	15371 Santella Ct. <i>Vacant</i>	N/A	N/A	N/A	65,886	N/A
10	15358 Santella Ct. <i>Under Construction</i>	4,401	876	4,877	114,871	0.04
11	15330 Santella Ct.	4,625	746	4,971	60,493	0.08
12	15310 Santella Ct.	4,660	1,011	5,271	60,493	0.08
13	15415 Santella Ct. <i>Vacant</i>	N/A	N/A	N/A	45,467	N/A
14	15574 Shady Ln.	4,574	784	4,958	83,402	0.05
15	15588 Shady Ln.	4,508	802	4,910	62,078	0.07
16	15602 Shady Ln.	4,331	950	4,881	65,913	0.07

17	15630 Shady Ln.	4,712	686	4,998	92,771	0.05
18	15685 Gum Tree Ln.	4,590	807	4,997	179,921	0.03
19	15675 Gum Tree Ln.	4,602	765	4,967	93,552	0.05
<b>9</b>	<b>15365 Santella Ct.</b>	<b>5,530</b>	<b>711</b>	<b>5,840</b>	<b>87,475</b>	<b>0.06</b>
N/A	15500 Francis Oaks Wy	5,897	512	6,009	219,978	0.03

*\*The garage square footage numbers in the table include 400 square feet of exempt square footage.*

*\*\*The total square footage numbers in the table do not include below grade square footage or a garage up to 400 square feet in area.*

The proposed residence would not be the largest FAR in the Highlands PD or the immediate neighborhood. The proposed residence would be the largest home in terms of square footage in the Highlands PD, however, it would not be the largest in terms of square footage in the immediate neighborhood.

The applicant has provided justification for proposing the largest home in terms of square footage in the Highlands PD in Exhibit 5. The proposed location of the house is at a lower elevation than the existing homes located at street level, therefore reducing the visibility of the residence from street view.

#### E. Site Design

The subject property is a triangular-shaped corridor lot sloping downward from the north end of Santella Court. The property takes access through a private driveway downhill to the proposed site of the residence. A performance standard of the Highlands Planned Development requires, "new homes to be sited within the grading envelopes shown of the Official Development Plans unless it can be demonstrated that another location is more appropriate for the lot. The burden of proof is on the applicant to justify any deviation from the approved grading envelope." The applicant has provided justification for siting the home north of the approved grading envelope (Page 5 of Exhibit 5). Due to the corridor lot shape and length of the private driveway, the Santa Clara County Fire Department requires a fire engine turnaround area that does not exceed five percent slope. The building was sited further north to accommodate the required fire engine turnaround area and to accommodate a 17-percent driveway slope for fire engine access, which has been approved by the Santa Clara County Fire Department. The applicant designed a linear mass for the home to minimize impact to existing trees and reduce site grading. The proposed building location is located within the site's Least Restrictive Development Area (LRDA) per the HDS&G.

DISCUSSION (continued):

F. Tree Impacts

The development plans were reviewed by the Town's Consulting Arborist (Exhibit 8). The project proposes to remove fourteen protected trees, of which five are considered to be large protected trees. The initial arborist report included fifteen trees to be removed; however, the applicant has since modified the plans to retain tree #665.

The fourteen protected trees (Blue Oaks - #652, #653, #656, #660, #662, #668, #671, #675, #676, #677, #679, #680, and #690 and Coast Live Oak - #691), are proposed to be removed to accommodate the proposed residence, driveway, and fire truck turn around. If the project is approved, replacement trees would be required to be planted pursuant to Town Code.

An Addendum report was prepared by the Consulting Arborist regarding the health of the existing trees located along the rear and side downward slope of the lot proposed to remain. The Consulting Arborist was not able to get close enough to inspect the health and condition of each individual tree due to the dense and nearly impenetrable brush. However, the Consulting Arborist was able to provide an evaluation of the grouping of trees based on their size, color, and crown. The Arborist stated that the area contains a stand of Coast Live Oaks, approximately 25 to 35 feet tall that would appear to be considered to be in good condition with dense crowns and normal foliar color and size. Along the northwest portion on the lower slope there are three Blue Oaks, approximately 30 feet tall, that are in fair to good condition (Exhibit 9).

Tree protection measures are incorporated as conditions of approval (Exhibit 3) to protect the trees proposed to remain on the subject property and within the development area.

G. Visibility

Pursuant to the HDS&G, a visible home is defined as a single-family residence where 24.5 percent or more of an elevation can be seen from any of the Town's established viewing areas. The applicant's visibility analysis illustrates that the proposed home would not be visible from the southwest corner of the intersection of Blossom Hill Road and Los Gatos Boulevard viewing area and would be 24 percent visible from the northwest corner of the of Selinda Way and Los Gatos - Almaden Road viewing area (Exhibit 10).

Pursuant to the requirements of the View Analysis section of the HDS&G, the applicant installed story poles on-site that identified the proposed building.

DISCUSSION (continued):

The applicant took photographs of the project site from the established viewing platform located at the Northwest corner of Los Gatos-Almaden Road and Selinda Way with a 50 MM and a 300 MM lens. The photographs and computer modeling were then aligned to determine the areas of the proposed residence that would be visible, excluding any trees that are proposed to be removed or are in poor condition (Exhibit 10). The existing trees that have been identified in the photographs as providing screening for the proposed single-family residence are rated in good or fair condition and are proposed to remain.

As discussed in the Tree section of the report, the Consulting Arborist was not able to get close enough to the stand of trees along the rear and side downward slope to inspect the health and condition of each individual tree; however, overall, he found the grouping of Coast Live Oaks and Blue Oaks to be in fair to good condition with dense crowns and normal foliar color and size. The applicant has labeled the trees included on the subject property in the Visibility Analysis as X1, X2, Y1, Y2, Y3, Z5, and Z3. Three trees used in the Visibility Analysis, trees Z2, Z4, and Z6 are not located on the subject property (Sheet 17 of Exhibit 10).

The applicant's methodology complies with the current methodology to not use trees in poor condition in the Visibility Analysis.

H. Neighbor Outreach

The applicant reached out to their neighbors and provided copies of the three responses they received (Exhibit 11).

I. CEQA Determination

An Environmental Impact Report was prepared for the Planned Development and was certified by the Town Council on December 19, 2005. No further environmental analysis is required for the individual lot development.

PUBLIC COMMENTS:

Story poles and signage were installed on the site and written notice was sent to property owners and tenants located within 500 feet of the subject property. No public comments were received by 11:00 a.m., Friday, January 3, 2020.



CONCLUSION:

A. Summary

The applicant is requesting approval of an Architecture and Site application to construct a single-family residence on a vacant lot within the Highlands PD. As proposed, the project would create the largest home in terms of countable square footage in the Highlands PD with a proposed 5,840-square foot residence. However, the proposed project would not be the largest home in terms of square footage in the immediate area as the adjacent downhill residence is larger. Due to the property configuration and downward sloping topography of the subject site the proposed residence would be located below street level from Santella Court. The project is consistent with the Zoning, General Plan, applicable HDS&G, Hillside Specific Plan, and Highlands PD Ordinance 2237. The proposed project does not request any exceptions.

B. Recommendation

Based on the analysis above, staff recommends approval of the Architecture and Site application subject to the recommended conditions of approval (Exhibit 3). If the Planning Commission finds merit with the proposed project, it should:

1. Make the finding that no further environmental analysis is required (Exhibit 2);
2. Make the finding that the project is in compliance with the Hillside Development Standards and Guidelines (Exhibit 2);
3. Make the finding that the project is in compliance with the Hillside Specific Plan (Exhibit 2);
4. Make the finding that the project is in compliance with the Highlands Planned Development Ordinance 2237 (Exhibit 2);
5. Make the required considerations as required by Section 29.20.150 of the Town Code for granting approval of an Architecture and Site application (Exhibit 2); and
6. Approve Architecture and Site Application S-18-052 with the conditions contained in Exhibit 3 and the development plans in Exhibit 12.

C. Alternatives

Alternatively, the Commission can:

1. Continue the matter to a date certain with specific direction; or
2. Approve the application with additional and/or modified conditions; or
3. Deny the application.

**PAGE 10 OF 10**

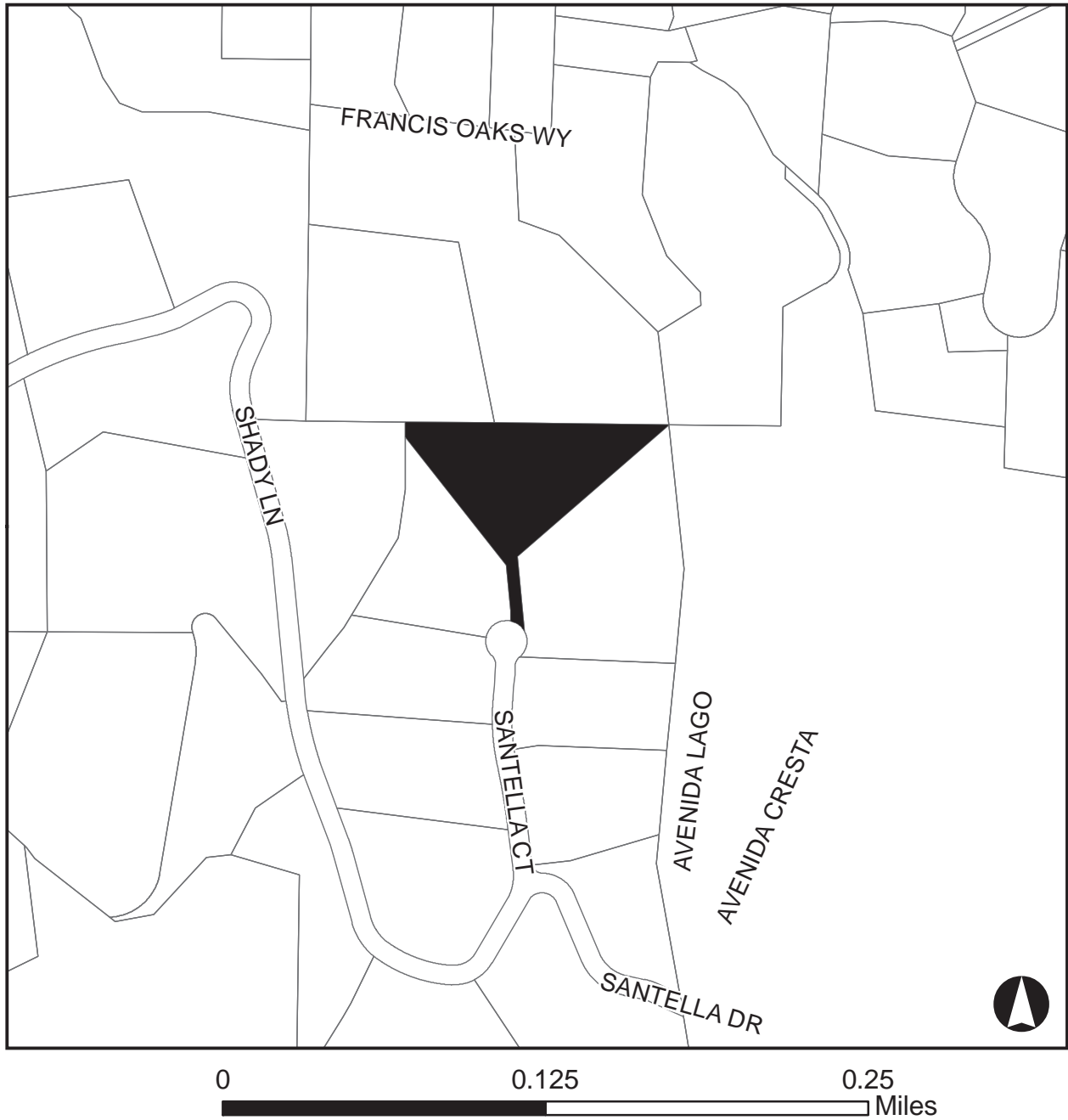
**SUBJECT:** 15365 Santella Court/S-18-052

**DATE:** January 3, 2020

**EXHIBITS:**

1. Location Map
2. Required Findings and Considerations (one sheet)
3. Recommended Conditions of Approval (16 sheets)
4. Project Description, received on December 11, 2019 (two sheets)
5. Letter of Justification, received December 16, 2019 (14 sheets)
6. Project Data (one sheet)
7. Consulting Architect's Report, received November 14, 2018 (six sheets)
8. Consulting Arborist's Report, dated November 29, 2018 (37 sheets)
9. Consulting Arborist's Addendum Report, dated August 20, 2019 (eight sheets)
10. Visibility Analysis, received December 10, 2019 (28 sheets)
11. Applicant's neighbor outreach efforts, received November 18, 2019 (four sheets)
12. Development Plans, received November 15, 2019 (29 sheets)

# 15365 Santella Court



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**PLANNING COMMISSION –January 8, 2020**  
**REQUIRED FINDINGS & CONSIDERATIONS FOR:**

**15365 Santella Court**  
**Architecture and Site Application S-18-052**

**Requesting approval for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 1/2:PD. APN 527-09-036.**  
**PROPERTY OWNER: Christian and Hellen Olgaard**  
**APPLICANT: Hari Sripadanna**

**FINDINGS**

**Required findings for CEQA:**

- An Environmental Impact Report (EIR) was prepared for the Planned Development and was certified by the Town Council on December 19, 2005. Required technical reviews (arborist, architect and geotechnical) have been completed for the project and no further environmental analysis is required for this application.

**Compliance with Hillside Development Standards and Guidelines (HDS&G):**

- The project is in compliance with the HDS&G.

**Compliance with Hillside Specific Plan**

- The project is in compliance with the Hillside Specific Plan in that it is a single-family residence being developed on an existing parcel. The proposed development is consistent with the development criteria included in the Specific Plan.

**Compliance with the approved Planned Development**

- The project is in compliance with the approved Planned Development (Ordinance 2237).

**CONSIDERATIONS:**

**Considerations in review of Architecture & Site applications:**

- As required by Section 29.20.150 of the Town Code, the considerations in review of an Architecture and Site application were all made in reviewing this project.

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**PLANNING COMMISSION – January 8, 2020**  
**CONDITIONS OF APPROVAL**

**15365 Santella Court**  
**Architecture and Site Application S-18-052**

**Requesting approval for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 1/2:PD.**

**APN 527-09-036.**

**PROPERTY OWNER: Christian and Hellen Olgaard**

**APPLICANT: Hari Sripadanna**

TO THE SATISFACTION OF THE DIRECTOR OF COMMUNITY DEVELOPMENT:

*Planning Division*

1. APPROVAL: This application shall be completed in accordance with all of the conditions of approval listed below and in substantial compliance with the plans approved and noted as received by the Town on November 15, 2019. Any changes or modifications to the approved plans shall be approved by the Community Development Director, the Development Review Committee, the Planning Commission, or Town Council, depending on the scope of the changes.
2. EXPIRATION: The approval will expire two years from the approval date pursuant to Section 29.20.320 of the Town Code, unless the approval has been vested.
3. OUTDOOR LIGHTING: Exterior lighting shall be kept to a minimum, and shall be down directed fixtures that will not reflect or encroach onto adjacent properties. No flood lights shall be used unless it can be demonstrated that they are needed for safety or security. The lighting plan shall be reviewed during building plan check.
4. EXTERIOR COLOR: The exterior colors of the house shall not exceed an average light reflectivity value of 30 and shall blend with the natural vegetation in conformance with the approved PD Ordinance 2237.
5. LRV DEED RESTRICTION: Prior to the issuance of a building permit, a deed restriction shall be recorded by the applicant with the Santa Clara County Recorder's Office that requires all exterior colors to be maintained in conformance with the approved PD Ordinance.
6. GENERAL: All existing trees shown on the plan and trees required to remain or to be planted are specific subjects of approval of this plan, and must remain on the site.
7. MAINTENANCE AGREEMENT: Following the issuance of a certificate of occupancy, the property owner shall execute a five-year maintenance agreement with the Town that the property owner agrees to protect and maintain the trees shown to remain on the approved plans, trees planted as part of the tree replacement requirements, and guarantees that said trees will always be in a healthy condition during the term of the maintenance agreement.
8. TREE DEED RESTRICTION: Prior to issuance of a building permit, a deed restriction shall be recorded by the applicant with the Santa Clara County Recorder's Office that identifies the on-site trees that were used to provide screening in the visibility analysis

- and requires their replacement if they die or are removed.
9. TREE REMOVAL PERMIT: A Tree Removal Permit shall be obtained for any trees to be removed, prior to the issuance of a building or grading permit.
  10. ARBORIST REQUIREMENTS: The developer shall implement, at their cost, all recommendations made by Richard Gessner, identified in the Arborist report, dated as received November 29, 2018, and the supplemental Arborist report, dated as received August 20, 2019, respectively, on file in the Community Development Department. A Compliance Memorandum shall be prepared by the applicant and submitted with the building permit application detailing how the recommendations have or will be addressed. These recommendations must be incorporated in the building permit plans, and completed prior to issuance of a building permit where applicable.
  11. TREE FENCING: Protective tree fencing shall be placed at the drip line of existing trees and shall remain through all phases of construction. Fencing shall be six-foot-high cyclone attached to two-inch diameter steel posts drive 18 inches into the ground and spaced no further than 10 feet apart. Include a tree protection fencing plan with the construction plans.
  12. REPLACEMENT TREES: New trees shall be planted to mitigate the loss of trees being removed. The number of trees and size of replacement trees shall be determined using the canopy replacement table in the Town Code. Town Code requires a minimum 24-inch box size replacement tree. New trees shall be double staked with rubber ties and shall be planted prior to final inspection and issuance of occupancy permits.
  13. LANDSCAPE PLAN: The final landscape plan shall comply with the Hillside Development Standards and Guidelines criteria for planting (ornamental planting shall be confined to areas within 30 feet of the house, inclusive of decks, patios and driveway).
  14. WATER EFFICIENCY LANDSCAPE ORDINANCE: The final landscape plan, including landscape and irrigation plans and calculations, shall meet the Town of Los Gatos Water Conservation Ordinance or the State Water Efficient Landscape Ordinance, whichever is more restrictive. The final landscape plan shall be reviewed by the Town's consultant prior to issuance of building permits. A review fee based on the current fee schedule adopted by the Town Council is required when working landscape and irrigation plans are submitted for review.
  15. BMP IN-LIEU FEE: A Below Market Price (BMP) in-lieu fee (6% of the building valuation as determined by the Building Official) shall be paid by the developer prior to issuance of an occupancy permit for the new residence.
  16. FRONT YARD LANDSCAPE: Prior to issuance of a Certificate of Occupancy the front yard must be landscaped.
  17. STORY POLES: The story poles on the project site shall be removed within 30 days of approval of the Architecture & Site application.
  18. TOWN INDEMNITY: Applicants are notified that Town Code Section 1.10.115 requires that any applicant who receives a permit or entitlement from the Town shall defend, indemnify, and hold harmless the Town and its officials in any action brought by a third party to overturn, set aside, or void the permit or entitlement. This requirement is a condition of approval of all such permits and entitlements whether or not expressly set forth in the approval, and may be secured to the satisfaction of the Town Attorney.
  19. COMPLIANCE MEMORANDUM: A memorandum shall be prepared and submitted with



the building plans detailing how the Conditions of Approval will be addressed.

*Building Division*

20. PERMITS REQUIRED: A Building Permit is required for the construction of the new single-family residence and attached garage. Additional Building permits will be required for all detached structures such as swimming pools and retaining walls supporting a surcharge.
21. APPLICABLE CODES: The current codes, as amended and adopted by the Town of Los Gatos as of January 1, 2017, are the 2016 California Building Standards Code, California Code of Regulations Title 24, Parts 1-12. These codes are applicable on Building Applications up to December 20, 2019. Effective January 1, 2020 the 2019 California Building Standard Code, California Code of Regulations Title 24, Parts 1-12, as amended by the Town of Los Gatos, will be applicable.
22. CONDITIONS OF APPROVAL: The Conditions of Approval must be blue-lined in full on the cover sheet of the construction plans. A Compliance Memorandum shall be prepared and submitted with the building permit application detailing how the Conditions of Approval will be addressed.
23. BUILDING & SUITE NUMBERS: Submit requests for new building addresses to the Building Division prior to submitting for the building permit application process.
24. SIZE OF PLANS: Submit four sets of construction plans, minimum size 24" x 36", maximum size 30" x 42".
25. SOILS REPORT: A Soils Report, prepared to the satisfaction of the Building Official, containing foundation and retaining wall design recommendations, shall be submitted with the Building Permit Application. This report shall be prepared by a licensed Civil Engineer specializing in soils mechanics.
26. SHORING: Shoring plans and calculations will be required for all excavations which exceed five (5) feet in depth or which remove lateral support from any existing building, adjacent property, or the public right-of-way. Shoring plans and calculations shall be prepared by a California licensed engineer and shall confirm to the Cal/OSHA regulations.
27. FOUNDATION INSPECTIONS: A pad certificate prepared by a licensed civil engineer or land surveyor shall be submitted to the project Building Inspector at foundation inspection. This certificate shall certify compliance with the recommendations as specified in the Soils Report, and that the building pad elevations and on-site retaining wall locations and elevations have been prepared according to the approved plans. Horizontal and vertical controls shall be set and certified by a licensed surveyor or registered Civil Engineer for the following items:
  - a. Building pad elevation
  - b. Finish floor elevation
  - c. Foundation corner locations
  - d. Retaining wall(s) locations and elevations
28. TITLE 24 ENERGY COMPLIANCE: All required California Title 24 Energy Compliance Forms must be blue-lined (sticky-backed), i.e. directly printed, onto a plan sheet.
29. TOWN RESIDENTIAL ACCESSIBILITY STANDARDS: New residential units shall be designed with adaptability features for single-family residences per Town Resolution 1994-61:

- a. Wood backing (2" x 8" minimum) shall be provided in all bathroom walls, at water closets, showers, and bathtubs, located 34 inches from the floor to the center of the backing, suitable for the installation of grab bars if needed in the future.
  - b. All passage doors shall be at least 32-inch doors on the accessible floor level.
  - c. The primary entrance door shall be a 36-inch-wide door including a 5'x 5' level landing, no more than 1 inch out of plane with the immediate interior floor level and with an 18 inch clearance at interior strike edge.
  - d. A door buzzer, bell or chime shall be hard wired at primary entrance.
30. BACKWATER VALVE: The scope of this project may require the installation of a sanitary sewer backwater valve per Town Ordinance 6.50.025. Please provide information on the plans if a backwater valve is required and the location of the installation. The Town of Los Gatos Ordinance and West Valley Sanitation District (WVSD) requires backwater valves on drainage piping serving fixtures that have flood level rims less than 12 inches above the elevation of the next upstream manhole.
31. TOWN FIREPLACE STANDARDS: New wood burning fireplaces shall be an EPA Phase II approved appliance or gas appliance per Town Ordinance 1905. Tree limbs shall be cut within 10 feet of chimneys.
32. HAZARDOUS FIRE ZONE: All projects in the Town of Los Gatos require Class A roof assemblies.
33. WILDLAND-URBAN INTERFACE: This project is located in a Wildland-Urban Interface High Fire Area and must comply with Section R337 of the 2016 California Residential Code, Public Resources Code 4291 and California Government Code Section 51182.
34. PROVIDE DEFENSIBLE SPACE/FIRE BREAK LANDSCAPING PLAN: Prepared by a California licensed Landscape Architect in conformance with California Public Resources Code 4291 and California Government Code Section 51182.
35. PRIOR TO FINAL INSPECTION: Provide a letter from a California licensed Landscape Architect certifying the landscaping and vegetation clearance requirements have been completed per the California Public Resources Code 4291 and Government Code Section 51182.
36. SPECIAL INSPECTIONS: When a special inspection is required by CBC Section 1704, the Architect or Engineer of Record shall prepare an inspection program that shall be submitted to the Building Official for approval prior to issuance of the Building Permit. The Town Special Inspection form must be completely filled-out and signed by all requested parties prior to permit issuance. Special Inspection forms are available from the Building Division Service Counter or online at [www.losgatosca.gov/building](http://www.losgatosca.gov/building).
37. BLUE PRINT FOR A CLEAN BAY SHEET: The Town standard Santa Clara Valley Nonpoint Source Pollution Control Program Sheet (page size same as submitted drawings) shall be part of the plan submittal as the second page. The specification sheet is available at the Building Division Service Counter for a fee of \$2 or at ARC Blue Print for a fee or online at [www.losgatosca.gov/building](http://www.losgatosca.gov/building).
38. APPROVALS REQUIRED: The project requires the following departments and agencies approval before issuing a building permit:
- a. Community Development – Planning Division: (408) 354-6874
  - b. Engineering/Parks & Public Works Department: (408) 399-5771

- c. Santa Clara County Fire Department: (408) 378-4010
- d. West Valley Sanitation District: (408) 378-2407
- e. Local School District: The Town will forward the paperwork to the appropriate school district(s) for processing. A copy of the paid receipt is required prior to permit issuance.

TO THE SATISFACTION OF THE DIRECTOR OF PARKS AND PUBLIC WORKS:

*Engineering Division*

- 39. GENERAL: All public improvements shall be made according to the latest adopted Town Standard Plans, Standard Specifications and Engineering Design Standards. All work shall conform to the applicable Town ordinances. The adjacent public right-of-way shall be kept clear of all job-related mud, silt, concrete, dirt and other construction debris at the end of the day. Dirt and debris shall not be washed into storm drainage facilities. The storing of goods and materials on the sidewalk and/or the street will not be allowed unless an encroachment permit is issued by the Engineering Division of the Parks and Public Works Department. The Owner and/or Applicant's representative in charge shall be at the job site during all working hours. Failure to maintain the public right-of-way according to this condition may result in the issuance of correction notices, citations, or stop work orders and the Town performing the required maintenance at the Owner and/or Applicant's expense.
- 40. APPROVAL: This application shall be completed in accordance with all the conditions of approval listed below and in substantial compliance with the latest reviewed and approved development plans. Any changes or modifications to the approved plans or conditions of approvals shall be approved by the Town Engineer.
- 41. PRIOR APPROVALS: All conditions per prior approvals (including Ordinance 2147, etc.) shall be deemed in full force and affect for this approval.
- 42. CHANGE OF OCCUPANCY: Prior to initial occupancy and any subsequent change in use or occupancy of any non-residential condominium space, the buyer or the new or existing occupant shall apply to the Community Development Department and obtain approval for use determination and building permit and obtain inspection approval for any necessary work to establish the use and/or occupancy consistent with that intended.
- 43. ENCROACHMENT PERMIT: All work in the public right-of-way will require a Construction Encroachment Permit. All work over \$5,000 will require construction security. It is the responsibility of the Owner/Applicant to obtain any necessary encroachment permits from affected agencies and private parties, including but not limited to, Pacific Gas and Electric (PG&E), AT&T, Comcast, Santa Clara Valley Water District, California Department of Transportation (Caltrans). Copies of any approvals or permits must be submitted to the Town Engineering Division of the Parks and Public Works Department prior to releasing any permit.
- 44. GENERAL LIABILITY INSURANCE: The property owner shall provide proof of insurance to the Town on a yearly basis. In addition to general coverage, the policy must cover all elements encroaching into the Town's right-of-way.
- 45. PUBLIC WORKS INSPECTIONS: The Owner and/or Applicant or their representative shall notify the Engineering Inspector at least twenty-four (24) hours before starting any work

pertaining to on-site drainage facilities, grading or paving, and all work in the Town's right-of-way. Failure to do so will result in penalties and rejection of any work that occurred without inspection.

46. **RESTORATION OF PUBLIC IMPROVEMENTS:** The Owner and/or Applicant or their representative shall repair or replace all existing improvements not designated for removal that are damaged or removed because of the Owner and/or Applicant or their representative's operations. Improvements such as, but not limited to: curbs, gutters, sidewalks, driveways, signs, pavements, raised pavement markers, thermoplastic pavement markings, etc., shall be repaired and replaced to a condition equal to or better than the original condition. Any new concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore. Existing improvement to be repaired or replaced shall be at the direction of the Engineering Construction Inspector and shall comply with all Title 24 Disabled Access provisions. The restoration of all improvements identified by the Engineering Construction Inspector shall be completed before the issuance of a certificate of occupancy. The Owner and/or Applicant or their representative shall request a walk-through with the Engineering Construction Inspector before the start of construction to verify existing conditions.
47. **SITE SUPERVISION:** The General Contractor shall provide qualified supervision on the job site at all times during construction.
48. **STREET CLOSURE:** Any proposed blockage or partial closure of the street requires an encroachment permit. Special provisions such as limitations on works hours, protective enclosures, or other means to facilitate public access in a safe manner may be required.
49. **PLAN CHECK FEES:** Plan check fees associated with the Grading Permit shall be deposited with the Engineering Division of the Parks and Public Works Department prior to the commencement of plan check review.
50. **INSPECTION FEES:** Inspection fees shall be deposited with the Town prior to the issuance of any grading or building permits.
51. **DESIGN CHANGES:** Any proposed changes to the approved plans shall be subject to the approval of the Town prior to the commencement of any and all altered work. The Owner and/or Applicant's project engineer shall notify, in writing, the Town Engineer at least seventy-two (72) hours in advance of all the proposed changes. Any approved changes shall be incorporated into the final "as-built" plans.
52. **PLANS AND STUDIES:** All required plans and studies shall be prepared by a Registered Professional Engineer in the State of California and submitted to the Town Engineer for review and approval. Additionally, any studies imposed by the Planning Commission or Town Council shall be funded by the Owner and/or Applicant.
53. **GRADING PERMIT:** A grading permit is required for all site grading and drainage work except for exemptions listed in Section 12.20.015 of The Code of the Town of Los Gatos (Grading Ordinance). After the preceding Architecture and Site Application has been approved by the respective deciding body, the grading permit application (with grading plans and associated required materials and plan check fees) shall be made to the Engineering Division of the Parks and Public Works Department located at 41 Miles Avenue. The grading plans shall include final grading, drainage, retaining wall

location(s), driveway, utilities and interim erosion control. Grading plans shall list earthwork quantities and a table of existing and proposed impervious areas. Unless specifically allowed by the Director of Parks and Public Works, the grading permit will be issued concurrently with the building permit. The grading permit is for work outside the building footprint(s). Prior to Engineering signing off and closing out on the issued grading permit, the Owner/Applicant's soils engineer shall verify, with a stamped and signed letter, that the grading activities were completed per plans and per the requirements as noted in the soils report. A separate building permit, issued by the Building Department, located at 110 E. Main Street, is needed for grading within the building footprint.

54. GRADING ACTIVITY RESTRICTIONS: Upon receipt of a grading permit, any and all grading activities and operations shall not commence until after/occur during the rainy season, as defined by Town Code of the Town of Los Gatos, Sec. 12.10.020, (October 15-April 15), has ended.
55. COMPLIANCE WITH HILLSIDE DEVELOPMENT STANDARDS AND GUIDELINES: All grading activities and operations shall be in compliance with Section III of the Town's Hillside Development Standards and Guidelines. All development shall be in compliance with Section II of the Town's Hillside Development Standards and Guidelines.
56. DRIVEWAY: The driveway conform to existing pavement on Santella Court shall be constructed in a manner such that the existing drainage patterns will not be obstructed.
57. CONSTRUCTION EASEMENT: Prior to the issuance of a grading or building permit, it shall be the sole responsibility of the Owner and/or Applicant to obtain any and all proposed or required easements and/or permissions necessary to perform the grading herein proposed. Proof of agreement/approval is required prior to the issuance of any Permit.
58. DRAINAGE IMPROVEMENT: Prior to the issuance of any grading/improvement permits, whichever comes first, the Owner and/or Applicant shall: a) design provisions for surface drainage; and b) design all necessary storm drain facilities extending to a satisfactory point of disposal for the proper control and disposal of storm runoff; and c) provide a recorded copy of any required easements to the Town.
59. TREE REMOVAL: Copies of all necessary tree removal permits shall be provided prior to the issuance of a grading permit/building permit.
60. SURVEYING CONTROLS: Horizontal and vertical controls shall be set and certified by a licensed surveyor or registered civil engineer qualified to practice land surveying, for the following items:
  - a. Retaining wall: top of wall elevations and locations.
  - b. Toe and top of cut and fill slopes.
61. PRECONSTRUCTION MEETING: Prior to issuance of any grading or building permits or the commencement of any site work, the general contractor shall:
  - a. Along with the Owner and/or Applicant, attend a pre-construction meeting with the Town Engineer to discuss the project conditions of approval, working hours, site maintenance and other construction matters;
  - b. Acknowledge in writing that they have read and understand the project conditions of approval and will make certain that all project sub-contractors have read and understand them as well prior to commencing any work, and that a copy of the

project conditions of approval will be posted on-site at all times during construction.

62. **RETAINING WALLS:** A building permit, issued by the Building Department, located at 110 E. Main Street, may be required for site retaining walls. Walls are not reviewed or approved by the Engineering Division of Parks and Public Works during the grading permit plan review process.
63. **SOILS REPORT:** One copy of the soils and geologic report shall be submitted with the application. The soils report shall include specific criteria and standards governing site grading, drainage, pavement design, retaining wall design, and erosion control. The reports shall be signed and "wet stamped" by the engineer or geologist, in conformance with Section 6735 of the California Business and Professions Code.
64. **GEOLOGY AND SOILS MITIGATION MEASURE:** A geotechnical investigation shall be conducted for the project to determine the surface and sub-surface conditions at the site and to determine the potential for surface fault rupture on the site. The geotechnical study shall provide recommendations for site grading as well as the design of foundations, retaining walls, concrete slab-on-grade construction, excavation, drainage, on-site utility trenching and pavement sections. All recommendations of the investigation shall be incorporated into project plans.
65. **SOILS REVIEW:** Prior to Town approval of a development application, the Owner and/or Applicant's engineers shall prepare and submit a design-level geotechnical and geological investigation for review by the Town's consultant, with costs borne by the Owner and/or Applicant, and subsequent approval by the Town. The Owner and/or Applicant's soils engineer shall review the final grading and drainage plans to ensure that designs for foundations, retaining walls, site grading, and site drainage are in accordance with their recommendations and the peer review comments. Approval of the Owner and/or Applicant's soils engineer shall then be conveyed to the Town either by submitting a Plan Review Letter prior to issuance of grading or building permit(s).
66. **SOILS ENGINEER CONSTRUCTION OBSERVATION:** During construction, all excavations and grading shall be inspected by the Owner and/or Applicant's soils engineer prior to placement of concrete and/or backfill so they can verify that the actual conditions are as anticipated in the design-level geotechnical report and recommend appropriate changes in the recommendations contained in the report, if necessary. The results of the construction observation and testing shall be documented in an "as-built" letter/report prepared by the Owner and/or Applicant's soils engineer and submitted to the Town before a certificate of occupancy is granted.
67. **SOIL RECOMMENDATIONS:** The project shall incorporate the geotechnical/geological recommendations contained in the project's design-level geotechnical/geological investigation as prepared by the Owner and/or Applicant's engineer(s), and any subsequently required report or addendum. Subsequent reports or addendum are subject to peer review by the Town's consultant and costs shall be borne by the Owner and/or Applicant.
68. **DEDICATIONS:** The following shall be dedicated by separate instrument. The dedication shall be recorded before any grading or building permits are issued:
  - a. A Private Ingress Egress Easement (PIEE), twenty (20) feet in width, for the benefit of the neighboring Lot 8 to the west (15371 Santella Court; APN 527-09-035).

- b. Storm drainage and sanitary sewer easements, as required.
69. PUBLIC IMPROVEMENTS: The following improvements shall be installed by the Owner and/or Applicant. Plans for those improvements shall be prepared by a California registered civil engineer, reviewed and approved by the Town, and guaranteed by contract, Faithful Performance Security and Labor & Materials Security before the issuance of any grading or building permits or the recordation of a map. The improvements must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued.
- a. Santella Court: 2" overlay from the middle of the cul-de-sac to the northern lip of gutter, or alternative pavement restoration measure as approved by the Town Engineer.
70. CERTIFICATE OF OCCUPANCY: The Engineering Division of the Parks and Public Works Department will not sign off on a Temporary Certificate of Occupancy or a Final Certificate of Occupancy until all required improvements within the Town's right-of-way have been completed and approved by the Town.
71. FRONTAGE IMPROVEMENTS: The Owner and/or Applicant shall be required to improve the project's public frontage (right-of-way line to centerline and/or to limits per the direction of the Town Engineer) to current Town Standards. These improvements may include but not limited to curb, gutter, sidewalk, driveway approach(es), curb ramp(s), signs, pavement, raised pavement markers, thermoplastic pavement markings, storm drain facilities, traffic signal(s), street lighting (upgrade and/or repaint) etc. The improvements must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued.
72. UTILITIES: The Owner and/or Applicant shall install all new, relocated, or temporarily removed utility services, including telephone, electric power and all other communications lines underground, as required by Town Code Section 27.50.015(b). All new utility services shall be placed underground. Underground conduit shall be provided for cable television service. The Owner and/or Applicant is required to obtain approval of all proposed utility alignments from any and all utility service providers before a Certificate of Occupancy for any new building can be issued. The Town of Los Gatos does not approve or imply approval for final alignment or design of these facilities.
73. PRIVATE EASEMENTS: Agreements detailing rights, limitations and responsibilities of involved parties shall accompany any proposed private easement. Access driveway shall be within the recorded access easement. A new private access easement shall be recorded, and a copy of the recorded agreement shall be submitted to the Engineering Division of the Parks and Public Works Department, prior to issuance of a grading or building permit. A realigned access driveway shall be completed prior to the issuance of grading or building permit.
74. CURB AND GUTTER REPAIR: The Owner and/or Applicant shall repair and replace to existing Town standards any curb and gutter damaged now or during construction of this project. All new and existing adjacent infrastructure must meet Town standards. New curb and gutter shall be constructed per Town Standard Details. New concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore. The limits of curb and gutter repair

- will be determined by the Engineering Construction Inspector during the construction phase of the project. The improvements must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued.
75. DRIVEWAY APPROACH: The Owner and/or Applicant shall install one (1) Town standard residential driveway approach. The new driveway approach shall be constructed per Town Standard Plans and must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued. New concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore.
  76. SIGHT TRIANGLE AND TRAFFIC VIEW AREA: Any proposed improvements, including but not limiting to trees and hedges, will need to abide by Town Code Sections 23.10.080, 26.10.065, and 29.40.030.
  77. TRAFFIC IMPACT MITIGATION FEE: Prior to the issuance of any building or grading permits, the Owner/Applicant shall pay the project's proportional share of transportation improvements needed to serve cumulative development within the Town of Los Gatos. The fee amount will be based upon the Town Council resolution in effect at the time the building permit is issued. The fee shall be paid before issuance of any grading or building permit. The final traffic impact mitigation fee for this project shall be calculated from the final plans using the current fee schedule and rate schedule in effect at the time the building permit is issued, using a comparison between the existing and proposed uses.
  78. PRECONSTRUCTION PAVEMENT SURVEY: Prior to issuance of any grading or building permit, the Owner and/or Applicant shall complete a pavement condition survey documenting the extent of existing pavement defects using a smartphone video (in Landscape orientation only) or digital video camera. The survey shall extend through the Highlands of Los Gatos, from entry to the end of the Santella Court cul-de-sac. The results shall be documented in a report and submitted to the Town for review.
  79. POSTCONSTRUCTION PAVEMENT SURVEY: The Owner and/or Applicant shall complete a pavement condition survey to determine whether road damage occurred as a result of project construction. Rehabilitation improvements required to restore the pavement to pre-construction condition and strength shall be determined using State of California procedures for deflection analysis. The results shall be documented in a report and submitted to the Town for review and approval before a Certificate of Occupancy for any new building can be issued. The Owner and/or Applicant shall be responsible for completing any required road repairs prior to release of the faithful performance bond.
  80. CONSTRUCTION VEHICLE PARKING: Construction vehicle parking within the public right-of-way will only be allowed if it does not cause access or safety problems as determined by the Town.
  81. HAULING OF SOIL: Hauling of soil on- or off-site shall not occur during the morning or evening peak periods (between 7:00 a.m. and 9:00 a.m. and between 4:00 p.m. and 6:00 p.m.), and at other times as specified by the Director of Parks and Public Works. Prior to the issuance of a grading or building permit, the Owner and/or Applicant or their representative shall work with the Town Building Department and Engineering Division Inspectors to devise a traffic control plan to ensure safe and efficient traffic flow under periods when soil is hauled on or off the project site. This may include, but is not limited



to provisions for the Owner and/or Applicant to place construction notification signs noting the dates and time of construction and hauling activities, or providing additional traffic control. Coordination with other significant projects in the area may also be required. Cover all trucks hauling soil, sand and other loose debris.

82. CONSTRUCTION HOURS: All construction activities, including the delivery of construction materials, labors, heavy equipment, supplies, etc., shall be limited to the hours of 8:00 a.m. to 8:00 p.m., weekdays and 9:00 a.m. to 7:00 p.m. weekends and holidays. The Town may authorize, on a case-by-case basis, alternate construction hours. The Owner and/or Applicant shall provide written notice twenty-four (24) hours in advance of modified construction hours. Approval of this request is at discretion of the Town.
83. CONSTRUCTION NOISE: Between the hours of 8:00 a.m. to 8:00 p.m., weekdays and 9:00 a.m. to 7:00 p.m. weekends and holidays, construction, alteration or repair activities shall be allowed. No individual piece of equipment shall produce a noise level exceeding eighty-five (85) dBA at twenty-five (25) feet from the source. If the device is located within a structure on the property, the measurement shall be made at distances as close to twenty-five (25) feet from the device as possible. The noise level at any point outside of the property plane shall not exceed eighty-five (85) dBA.
84. CONSTRUCTION MANAGEMENT PLAN SHEET: Prior to the issuance of any grading or building permits, the Owner and/or Applicant's design consultant shall submit a construction management plan sheet (full-size) within the plan set that shall incorporate at a minimum the Earth Movement Plan, Project Schedule, employee parking, construction staging area, materials storage area(s), concrete washout(s) and proposed outhouse location(s). Please refer to the Town's [Construction Management Plan Guidelines](#) document for additional information.
85. WVSD (West Valley Sanitation District): A Sanitary Sewer Clean-out is required for each property at the property line, within one (1) foot of the property line per West Valley Sanitation District Standard Drawing 3, or at a location specified by the Town.
86. SANITARY SEWER BACKWATER VALVE: Drainage piping serving fixtures which have flood level rims less than twelve (12) inches (304.8 mm) above the elevation of the next upstream manhole and/or flushing inlet cover at the public or private sewer system serving such drainage piping shall be protected from backflow of sewage by installing an approved type backwater valve. Fixtures above such elevation shall not discharge through the backwater valve, unless first approved by the Building Official. The Town shall not incur any liability or responsibility for damage resulting from a sewer overflow where the property owner or other person has failed to install a backwater valve as defined in the Uniform Plumbing Code adopted by the Town and maintain such device in a functional operation condition. Evidence of West Sanitation District's decision on whether a backwater device is needed shall be provided prior to the issuance of a building permit.
87. BEST MANAGEMENT PRACTICES (BMPs): The Owner and/or Applicant is responsible for ensuring that all contractors are aware of all storm water quality measures and that such measures are implemented. Best Management Practices (BMPs) shall be maintained and be placed for all areas that have been graded or disturbed and for all material, equipment and/or operations that need protection. Removal of BMPs (temporary removal during construction activities) shall be replaced at the end of each working day. Failure to

- comply with the construction BMP will result in the issuance of correction notices, citations, or stop work orders.
88. **STORMWATER DEVELOPMENT RUNOFF:** All new development and redevelopment projects are subject to the stormwater development runoff requirements. The Owner and/or Applicant or their design consultant shall submit a stormwater control plan and implement conditions of approval that reduce stormwater pollutant discharges through the construction, operation and maintenance of treatment measures and other appropriate source control and site design measures. Increases in runoff volume and flows shall be managed in accordance with the development runoff requirements.
  89. **REGULATED PROJECT:** The project is classified as a Regulated Project per Provision C.3.b.ii. and is required to implement LID source control, site design, and stormwater treatment on-site in accordance with Provisions C.3.c. and C.3.d..
  90. **SITE DESIGN MEASURES:** All projects shall incorporate at least one of the following measures:
    - a. Protect sensitive areas and minimize changes to the natural topography.
    - b. Minimize impervious surface areas.
    - c. Direct roof downspouts to vegetated areas.
    - d. Use porous or pervious pavement surfaces on the driveway, at a minimum.
    - e. Use landscaping to treat stormwater.
  91. **GREEN ROOF:** A Green roof may be considered biotreatment systems that treat roof runoff only if they meet certain minimum specifications. The green roof system planting media shall be sufficiently deep to provide capacity within the pore space of the media for the required runoff volume specified by Provision C.3.d.i.(1), in addition to supporting the long-term health of the vegetation selected for the green roof, as specified by a landscape architect or other knowledgeable professional.
  92. **UNLAWFUL DISCHARGES:** It is unlawful to discharge any wastewater, or cause hazardous domestic waste materials to be deposited in such a manner or location as to constitute a threatened discharge, into storm drains, gutters, creeks or the San Francisco Bay. Unlawful discharges to storm drains include, but are not limited to: discharges from toilets, sinks, industrial processes, cooling systems, boilers, fabric cleaning, equipment cleaning or vehicle cleaning.
  93. **EROSION CONTROL:** Interim and final erosion control plans shall be prepared and submitted to the Engineering Division of the Parks and Public Works Department. A maximum of two (2) weeks is allowed between clearing of an area and stabilizing/building on an area if grading is allowed during the rainy season. Interim erosion control measures, to be carried out during construction and before installation of the final landscaping, shall be included. Interim erosion control method shall include, but are not limited to: silt fences, fiber rolls (with locations and details), erosion control blankets, Town standard seeding specification, filter berms, check dams, retention basins, etc. Provide erosion control measures as needed to protect downstream water quality during winter months. The Town of Los Gatos Engineering Division of the Parks and Public Works Department and the Building Department will conduct periodic NPDES inspections of the site throughout the recognized storm season to verify compliance with the Construction General Permit and Stormwater ordinances and regulations.

94. DUST CONTROL: Blowing dust shall be reduced by timing construction activities so that paving and building construction begin as soon as possible after completion of grading, and by landscaping disturbed soils as soon as possible. Further, water trucks shall be present and in use at the construction site. All portions of the site subject to blowing dust shall be watered as often as deemed necessary by the Town, or a minimum of three (3) times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites in order to insure proper control of blowing dust for the duration of the project. Watering on public streets shall not occur. Streets shall be cleaned by street sweepers or by hand as often as deemed necessary by the Town Engineer, or at least once a day. Watering associated with on-site construction activity shall take place between the hours of 8 a.m. and 5 p.m. and shall include at least one (1) late-afternoon watering to minimize the effects of blowing dust. All public streets soiled or littered due to this construction activity shall be cleaned and swept on a daily basis during the workweek to the satisfaction of the Town. Demolition or earthwork activities shall be halted when wind speeds (instantaneous gusts) exceed twenty (20) miles per hour (MPH). All trucks hauling soil, sand, or other loose debris shall be covered.
95. AIR QUALITY: To limit the project's construction-related dust and criteria pollutant emissions, the following the Bay Area Air Quality Management District (BAAQMD)-recommended basic construction measures shall be included in the project's grading plan, building plans, and contract specifications:
- a. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day, or otherwise kept dust-free.
  - b. All haul trucks designated for removal of excavated soil and demolition debris from site shall be staged off-site until materials are ready for immediate loading and removal from site.
  - c. All haul trucks transporting soil, sand, debris, or other loose material off-site shall be covered.
  - d. As practicable, all haul trucks and other large construction equipment shall be staged in areas away from the adjacent residential homes.
  - e. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day, or as deemed appropriate by Town Engineer. The use of dry power sweeping is prohibited. An on-site track-out control device is also recommended to minimize mud and dirt-track-out onto adjacent public roads.
  - f. All vehicle speeds on unpaved surfaces shall be limited to fifteen (15) miles per hour.
  - g. All driveways and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
  - h. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within forty-eight (48) hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

- i. All excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed twenty (20) miles per hour.
  - j. Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established.
96. **DETAILING OF STORMWATER MANAGEMENT FACILITIES:** Prior to the issuance of any grading or building permits, all pertinent details of any and all proposed stormwater management facilities, including, but not limited to, ditches, swales, pipes, bubble-ups, dry wells, outfalls, infiltration trenches, detention basins and energy dissipaters, shall be provided on submitted plans, reviewed by the Engineering Division of the Parks and Public Works Department, and approved for implementation.
97. **CONSTRUCTION ACTIVITIES:** All construction shall conform to the latest requirements of the CASQA Stormwater Best Management Practices Handbooks for Construction Activities and New Development and Redevelopment, the Town's grading and erosion control ordinance, and other generally accepted engineering practices for erosion control as required by the Town Engineer when undertaking construction activities.
98. **WATER FEATURES:** New swimming pools, hot tubs or spas shall have a connection to the sanitary sewer system, subject to West Valley Sanitation District's authority and standards, to facilitate draining events. Discharges from these features shall be directed to the sanitary sewer and are not allowed into the storm drain system.
99. **SITE DRAINAGE:** Rainwater leaders shall be discharged to splash blocks. No through curb drains will be allowed. On-site drainage systems for all projects shall include one of the alternatives included in section C.3.i of the Municipal Regional NPDES Permit. These include storm water reuse via cisterns or rain barrels, directing runoff from impervious surfaces to vegetated areas and use of permeable surfaces. No improvements shall obstruct or divert runoff to the detriment of an adjacent, downstream or down slope property.
100. **STORM WATER MANAGEMENT PLAN:** A storm water management shall be included with the grading permit application for all Group 1 and Group 2 projects as defined in the amended provisions C.3 of the Municipal Regional Stormwater NPDES Permit, Order R2-2015-0049, NPDES Permit No. CAS612008. The plan shall delineate source control measures and BMPs together with the sizing calculations. The plan shall be certified by a professional pre-qualified by the Town. In the event that the storm water measures proposed on the Planning approval differ significantly from those certified on the Building/Grading Permit, the Town may require a modification of the Planning approval prior to release of the Building Permit. The Owner and/or Applicant may elect to have the Planning submittal certified to avoid this possibility.
101. **STORM WATER MANAGEMENT PLAN CERTIFICATION:** Certification from the biotreatment soils provider is required and shall be given to Engineering Division Inspection staff a minimum of thirty (30) days prior to delivery of the material to the job site. Additionally deliver tags from the soil mix shall also be provided to Engineering Division Inspection staff. Sample Certification can be found here:  
[http://www.scvurppp-w2k.com/nd\\_wp.shtml?zoom\\_highlight=BIOTREATMENT+SOIL](http://www.scvurppp-w2k.com/nd_wp.shtml?zoom_highlight=BIOTREATMENT+SOIL).
102. **SILT AND MUD IN PUBLIC RIGHT-OF-WAY:** It is the responsibility of Contractor and homeowner to make sure that all dirt tracked into the public right-of-way is cleaned up

on a daily basis. Mud, silt, concrete and other construction debris SHALL NOT be washed into the Town's storm drains.

103. GOOD HOUSEKEEPING: Good housekeeping practices shall be observed at all times during the course of construction. All construction shall be diligently supervised by a person or persons authorized to do so at all times during working hours. The Owner and/or Applicant's representative in charge shall be at the job site during all working hours. Failure to maintain the public right-of-way according to this condition may result in penalties and/or the Town performing the required maintenance at the Owner and/or Applicant's expense.
104. PERMIT ISSUANCE: Permits for each phase; reclamation, landscape, and grading, shall be issued simultaneously.
105. COVERED TRUCKS: All trucks transporting materials to and from the site shall be covered.

TO THE SATISFACTION OF THE SANTA CLARA COUNTY FIRE DEPARTMENT:

106. FIRE SPRINKLERS REQUIRED: An automatic residential fire-sprinkler system shall be installed in one-and two-family dwellings as follows: In all new one-and two-family dwellings and in existing one-and two-family dwellings when additions are made that increase the building area to more than 3,600 square feet. Exception: A one-time addition to an existing building that does not total more than 1,000 square feet of building area. Note: The owner(s), occupant(s), and any contractor(s) or subcontractor(s) are responsible for consulting with the water purveyor of record in order to determine if any modifications or upgrade of the existing water service is required. A State of California licensed (C-16) Fire Protection Contractor shall submit plans, calculations, a completed permit application, and appropriate fees to this department for review and approval prior to beginning their work. CFC Section 313.2 as adopted and amended by LGTC.
107. WATER SUPPLY REQUIREMENTS: Potable water supplies shall be protected from contamination caused by fire protection water supplies. It is the responsibility of the applicant and any contractors and subcontractors to contact the water purveyor supplying the site of such project, and to comply with the requirements of that purveyor. Such requirements shall be incorporated into the design of any water-based fire protection systems, and/or fire suppression water supply systems or storage containers that may be physically connected in any manner to an appliance capable of causing contamination of the potable water supply of the purveyor of record. Final approval of the system(s) under consideration will not be granted by this office until compliance with the requirements of the water purveyor of record are documented by that purveyor as having been met by the applicant(s). 2016 CFC Sec. 903.3.5 and Health and Safety Code 13114.7
108. CONSTRUCTION FIRE SAFETY: All construction sites must comply with applicable provisions of the CFC Chapter 33 and our Standard Detail and Specification SI-7. Provide appropriate notations on subsequent plan submittals, as appropriate to the project. CFC Chapter 33.
109. FIRE DEPARTMENT (ENGINE) DRIVEWAY TURNAROUND REQUIREMENT: Provide an approved fire department engine driveway turnaround with a minimum radius of 36 feet outside and 23 feet inside. Maximum grade in any direction shall be a maximum of 5%.

Installations shall conform with Fire Department Standard Details and Specifications D-1. CRF Sec. 503.

110. FIRE APPARATUS (Engine) ACCESS DRIVEWAY REQUIRED: Provide an access driveway with a paved all-weather surface, a minimum unobstructed width of 12 feet, vertical clearance of 13 feet 6 inches, and a maximum slope of 15%. Installations shall conform to the Fire Department Standard Details Specifications D-1 and CFC Section 503. The proposed driveway slope of 17.2% exceeds the maximum of 15% and has received approval for a variance from the Fire Marshal's Office on 04/18/18.
111. WILDLAND-URBAN INTERFACE: This project is located within the designated Wildland-Urban Interface Fire Area. The building construction shall comply with the provisions of Section R327 of the California Residential Code or the California Building Code (CBC) Chapter 7A., as applicable. Note that vegetation clearance shall be in compliance with CBC Section 701A.3.2.4 prior to project final approval. Check with the Planning Department for related landscape plan requirements.
112. ADDRESS IDENTIFICATION: New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Where required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall be a minimum of 4 inches (101.6 mm) high with a minimum stroke width of 0.5 inch (12.7 mm). Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other signs or means shall be used to identify the structure. Address numbers shall be maintained. CFC Section 505.1

Dec,11  
2019

Re: Olgaard Residence-Project Description Letter.

Site Address:15365 Santella Court; APN: 527-09-036 Architecture and Site Application:S-18-052.

Dear Planning Commissioners  
Community Development Department.  
Town of Los Gatos

The project scope involves development of a downward sloping, south facing, 2-acre vacant lot. This natural setting of an undulating hillside with existing mature oak trees, offers city views from specific locations. The site features a long narrow area from the Santella Court cul-de-sac, toward the south, that widens to a triangular shape spreading in the east-west direction. The site is in a HR-2½: Planned Development Zone at the end of Santella Court.

The proposed site design features a private driveway from Santella Court, sloping down about 30 feet to the fire truck turn around space, in front of the home's garage. From here a winding stair path leads to the front entrance and a side yard that opens to a patio and pool towards the north-east side of the property.

This low-profile home with a linear building form follows the site contours and levels so that the structure appears integrated into the hill side. This two-level home will appear as a single-story home, to most of the neighbors as 3 sides of the lower level are tucked into the hill. The roof rises with the hill and most of the roof would be only 15 feet from the grade level. This house siting has minimal impact to the existing grading and vegetation.


The north south orientation of the home harvests the maximum amount of solar energy to achieve net zero energy use. This two-level, 4 bed, 4 1/2 bath and 3 car garage, single family dwelling of has 5,840 sf. of countable floor area including 756 sf below grade space (exempt from countable floor area), in an HR-2½: Planned Development Zone, would be a LEED certified home as well.

Much of the home space will be at the lower level with private spaces such as bedrooms, media and family rooms and a wine cellar in addition to a garage. The upper level will have an entry foyer, kitchen, dining and living spaces.

This building will be clad with sintered stone panels of natural, earth toned colors. The entry door will have a wood finish and the windows and garage door frames will feature a dark oxidized metal finish. A majority of the landscaping adjacent to the building will include native, drought tolerant plants and most of the site will remain in its natural state preserving the existing oak trees and other surrounding vegetation.

Thank you for the project review. If you have any questions, or need any additional information please contact me at your earliest convenience.

Sincerely



Hari Sripadanna AIA



[Srusti Architects](http://www.srustiarchitects.com)

P - 408-507-8138 [hari@srustiarchitects.com](mailto:hari@srustiarchitects.com)

We collaborate to create sustainable spaces.

[www.srustiarchitects.com](http://www.srustiarchitects.com)



Re: Olgaard Residence- Project Justification Letter  
Site Address:15365 Santella Court; APN: 527-09-036. Architecture & Site Application# S-18-052.

Date:  
Dec 16, 2019

Dear Planning Commissioners  
Community Development Department.  
Town of Los Gatos

On behalf of Christian and Helen Olgaard, I am pleased to present this new sustainable (green) design project, featuring net zero energy use. From the very beginning of our collaboration with the Town of Los Gatos, your knowledgeable planning and engineering staff helped us understand the Hillside Development Standards and Guidelines and the Town's desire to preserve the natural hillside environment.

We consulted with your staff early on and through our frequent meetings, they prepared us for this comprehensive compliance design review process. Our design team also had the support and willingness of our clients to design a creative and innovative contemporary sustainable home that brings the outdoor natural hillside environment, indoors in a seamless way. As a result of this collaborative process we had minimal revisions to the overall original design concept and are able to create a home design that meets all requirements without any exceptions.

The proposed single-family home design to be developed on a vacant lot has two-levels, 4 bedrooms, 4 1/2 baths and a 3 car-garage, and has 5,840 sf. of countable floor area including 756 sf below grade space (exempt from countable floor area), in an HR-2½: Planned Development Zone

This letter details the factors that lead to this design, how it complies with the Hillside Development Standards and Guidelines and addresses any specific concerns raised by the planning staff. The attached building plans and additional exhibits are provided as supporting information.

### **EXISTING PROPERTY DESCRIPTION**

The site is a part of the planned development of Highlands of Los Gatos subdivision that includes approximately 66 acres of custom hillside residential lots, accessed from Shady Lane and Gum Tree Lane. This 2-acre vacant property, located on the north end of Santella Court, presents great opportunities and some constraints that we carefully studied and mapped before any placement of the proposed home was considered.

The project scope involves development of a downward sloping, south facing flag lot with a natural setting of undulating hillsides and mature oak trees. In contrast to the other street level homes on Santella court, this proposed house would be located substantially lower on the hillside and accessed through a private driveway. From here, the lot widens to a triangular shape spreading in the east-west direction. The site is surrounded by dense clusters of mature coast live oak and blue oak trees along its slopes with a small relatively clear and level area in the middle that extends to the rear. The tree inventory by the arborist contains 44 trees (with some undocumented along inaccessible slopes) in either good or fair condition, 4 trees in poor health, and one that fell due to natural causes after

the arborist report was prepared. The land tapers off to a steeper slope along the perimeter of the property. Due to these steep 30% slopes surrounding the site, the LRDA is limited to the level area in the midsection of the property.

## **DESCRIPTION OF PROPOSED DESIGN**

### **Site design**

Given all the opportunities and constraints, and with considerable deliberation, we chose a linear form for the house, and a winding sloped driveway. We chose these forms for their adaptability to the shape of the site grading contours and to minimize tree removal.

The private driveway from Santella Court slopes down to the fire truck turnaround/visitor parking area in front of the home's garage. From here a winding stair path leads to the front entrance located on the upper level. The visitor parking area also leads to a side yard at the lower level that opens to a patio and pool towards the north-east side of the property.



The site and hillside slopes are stable and geotechnically suitable for the proposed structure as outlined in the geologist report, which has been approved through the peer review.

### **Articulation of the building mass**

We designed the linear form to start as a single story at the garage, and to rise to a two-story volume towards the rear. This shape enables screening of the larger mass by tall trees along the north and the west property lines, that form a dense cluster around the building. There are 15 trees, including the 4 trees in poor health, mostly along the interior of the site that shall be removed to construct the residence and driveway.

This low-profile home with a linear horizontal building form follows the site contours and levels so that the structure appears integrated into the hill side. At the north end of the property, as the site grading contours turn, so does the building form, creating a backdrop for the terraces and patio areas to follow. This approach i.e. stepping the terrain along the contours reduces the amount of grading required and integrates the building into the site.

## **Building Features**

The building roof form picks up on the undulating site profile, combining sloped and flat roofs in an alternating rhythm. The alternating flat roof sections as one continuous sculptural unifying roof form, feature live green roofing and the sloped roof sections provide for photovoltaics.

Much of the home will be at the lower level with private spaces such as bedrooms, media and family rooms and a wine cellar in addition to a garage. The upper level will have an entry foyer, kitchen, dining and living spaces that offer spectacular views of the distant hills.

The contemporary home design with doors and windows that open to the outdoor spaces merge them seamlessly with the indoors to take advantage of the natural beauty of the site and the moderate weather we all enjoy in California. The house wraps around the entry courtyard with operable windows situated to catch the summer breezes from the west to naturally cool the house.

The exterior skin of the home consists of an insulated rain-screen system clad with sintered stone panels. These earth toned panels run every 2 ft. with varying widths throughout the home to emphasize horizontal nature of the building form.

The aluminum windows and door frames will feature a dark oxidized metal finish with similar interplay of horizontal and vertical lines of the stone cladding system. The glazing will have low light and heat reflective coating to reduce glare and increase the thermal performance of the home.

## **Site grading**

The driveway design became a critical factor in site layout, and was defined by the narrow and steep terrain, existing trees, firetruck turnaround space requirements.

We took advantage of the level changes in the terrain to create floor levels that closely followed the adjacent grades. As the land dipped and flattened out at the firetruck turn around space, we set the lower floor garage height 4ft. (max. allowed cut) below grade to reduce the appearance of a larger mass. Then as the terrain rose higher to towards the rear of the property, we set the upper floor level close to the higher terrain level. A series of serpentine shaped steps rise with the existing grade to access the upper level concealing the lower level floor below and effectively making the building appear as a single-story home.

As the terrain slopes more gradually on the east side of the home, we created terraces that follow contour grades, that open to the lower floor level. The upper floor level was able to access the outdoor deck set close to the higher terrain level on the west side of the home. This approach reduced the cut and fill volumes and height of retaining walls.

## **Sustainable (green) design**

As all sustainable efforts should begin with passive strategies our initial efforts focused on the sustainable site design practices such as

- Building orientation, passive solar design and shading and cooling from existing vegetation.
- High performance thermal envelope (insulated building skin),

- Low reflective, dual glazed, low E windows, and doors that allow natural light natural and cross ventilation,
- Green roof to keep the home cool protect from forest fires and filter the roof rain runoff.

In addition, our clients have set project goals for LEED Gold or Platinum (green building) certification and a net zero energy use for the home. As these are highly ambitious goals, we incorporated a photovoltaic system and a geothermal system combined with a ceiling radiant heating and cooling system.

### **COMPLIANCE WITH HILLSIDE DEVELOPMENT STANDARDS & GUIDELINES**

In addition to what was identified above, the proposed home specifically addresses the Hillside Development Standards and Guidelines as follows:

#### **Justification for home size in the immediate neighborhood**

The proposed home is both smaller in total size and smaller in appearance compared to others in the neighborhood. This home area when below grade area is also considered, is smaller than the neighborhood homes. To illustrate the point, we have attached a neighborhood floor area comparison sheet that show the floor areas including below grade area. For example, the home at 15310 Santella Ct. has 5,671 sf. Floor area, which is smaller to the proposed home with 5,840 sf. of floor area. However, if the below grade area is included the total home floor area for 15310 Santella Ct. is 7,425 sf. which is larger than the total area of this proposed home of 6,596 sf.

This neighborhood home is on a relatively level lot and all of the home's upper mass is visible to the observer. Therefore, to reduce the appearance of a large home size, more of the area was allocated to the below grade. See picture below (courtesy -Redfin website).

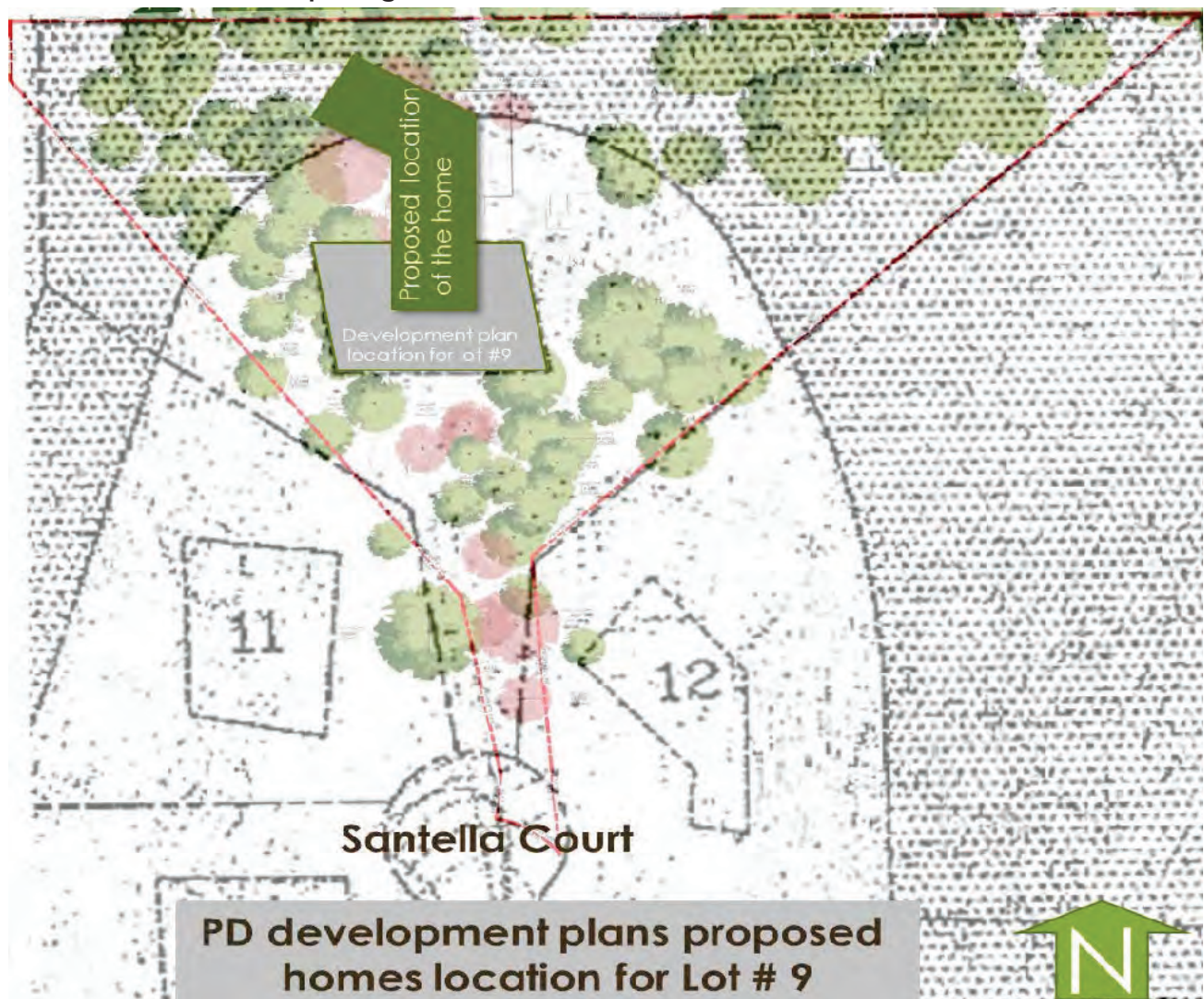


This proposed home would be located substantially lower on the hillside in contrast to the other street level homes on Santella court. This home is on a sloped lot and the design reduces the appearance of a larger home due to the home siting and the articulation of the massing. (see rendering on previous page). This slender shape, split-level design and low-profile home with the roof close to the ground, will appear smaller than a traditional home with traditional hip and gable roofs, even with a large below grade area. We have attached the neighborhood comparison data for your reference.

### Siting of the home

After detailed evaluation of the site conditions, we situated the home further north than the location indicated in the approved PD development plans. The image below shows the original location shown in the PD development plans overlaid by our proposed home location.

Below are several compelling reasons:



- Due to the flag lot shape and the narrow access exceeding 150 ft. in length, we were required by the Santa Clara County Fire Department to create a fire engine truck turn around space of 55 ft. X 75 ft. with the grade level of the turnaround space not to exceed 5%.

- The building location was pushed further north to accommodate the required the firetruck turnaround space and driveway length at the maximum allowed 17% grade slope.
- We chose a linear mass for the home to minimize the impact of the building footprint on the existing tree locations. This enabled us to preserve many native oak trees, increase the tree screening and reduce visibility of the home to the neighborhood.
- The linear building form also followed the site grading contour levels to have the house sit at a lower level, reduce site grading and overall building height. We achieved this by partially building into the hill side to maximum depth of 4 ft. cut at the exterior patios and driveways so that the structure appears as an integrated part of the environment.
- The north south orientation of the home allows the maximum amount of solar energy to be harvested.



**Specific site conditions that influenced the location of the home within the site**

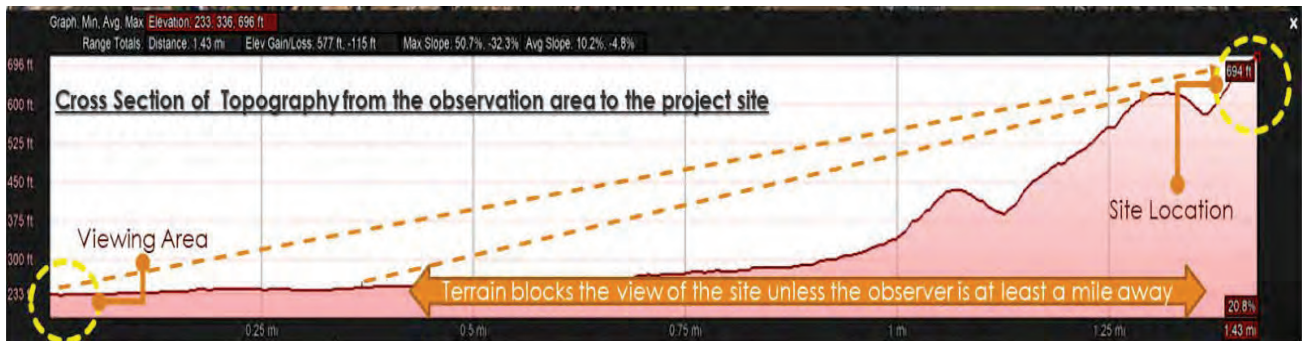


## Project visibility analysis

We have done an exhaustive study of the site, the surrounding topography, screening of the matures trees in the vicinity, and the visibility of the project from the viewing areas. **Blossom Hill/LG Blvd.** and **Selinda Way/LG Almaden Rd.** viewing areas were identified as the two viewing areas nearest to the project from where the home could be potentially seen.

Our initial studies with the computer model indicated that the project wouldn't be seen from **Blossom Hill /LG Blvd intersection** viewing area due to dense tree cover. This fact was later confirmed by the subsequent pictures taken after the story-poles are installed.

We then focused on our study on the Selinda Way/LG Almaden Rd. viewing area. When we studied the cross section of the topography of the hillsides and the ridges from the Selinda Way/LG Almaden Rd., it became obvious why this project site wouldn't be seen from anywhere nearby. Due to a secondary ridge in front of the site, the home wouldn't be seen, unless the observer is a mile or more away. As shown in the illustration below, the view is blocked when an observer comes within a mile of the project.



The property is barely visible with a naked eye when seen from **a mile away**. This picture below is taken from Selinda Way/LG Almaden Rd. intersection, which is further than a mile away. To get an unobstructed view we took the 50mm lens picture (below) from the Lee high school fence.



To clearly see this site, one would need 300 mm telephoto lens standing a mile or more away, as it is not possible to see it closer due to the ridge in the front.

Our subsequent detailed analysis indicated that only a portion of the home that is less than 24% would be seen with a 300 mm telephoto lens. This fact was confirmed by subsequent pictures taken after story-poles were installed as shown in the image below. Therefore, this home would not be considered a visible home per the HDS&G.



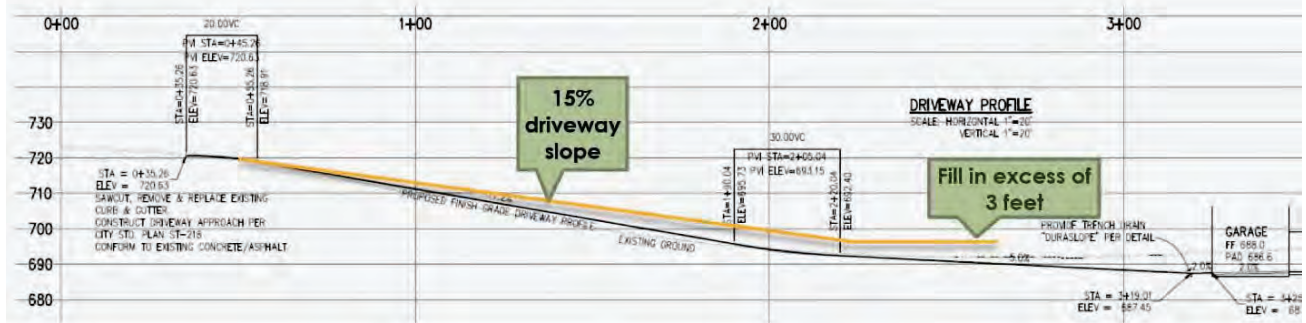
A full and comprehensive visibility screening analysis is provided along with this letter.

### Grading for driveway and visitor parking

As previously mentioned, the narrow and steep terrain at the entrance of the site effects the configuration of the driveway.

- As the land dips and flattens out after the driveway, we utilized the shallow terrain to create the firetruck turn around space, and guest parking. Staying close to the terrain and utilizing the shallow grade allowed us to meet the fire truck turn-around space clearances and grading slope (5% maximum) and the HDS&G cut and fill requirements.
- The 5% slope of the firetruck turn around space enabled us to set the home's lower floor height 4ft. below grade to reduce the appearance of a larger mass.
- Then as the terrain rose higher to towards the rear of the property, we set the upper floor level close to the higher terrain level.
- A series of serpentine shaped steps rise with the existing grade to access the upper level masking the lower level floor below and effectively making the building appear as a single-story home.





We requested a driveway slope of 17%, versus the typical 15%, for the following reasons;

- A driveway slope of 15% would cause the lower parts of the driveway at the fire truck turnaround space to exceed the 3ft. maximum fill requirement of HDS&G.
- A driveway slope of 15% would also require the home to move further north due to fire truck turnaround space requirements and that would encroach into the rear setback area. A 17% slope brings the firetruck turn around space closer to the cul-de-sac and locates it in the shallow existing terrain area (relatively free of mature trees) and makes the grading compliant with HDS&G requirements.
- We met with the Fire Marshal early in the design process and have his consent for a 17% slope for the driveway, We worked with the lot #8 design team to facilitate a lower desired driveway access level for their site, as it is shared with this neighbor.

### Neighbor friendly, site design

- Privacy of the neighbors is protected by dense surrounding vegetation and the additional landscape screening proposed along the north property line.
- All the upper level doors windows and outdoor areas face away from neighbors' properties.
- Outdoor activity areas at the lower level are designed to face eastern side of the property which is further away from the immediate neighbors. These outdoor activity areas are also surrounded by dense vegetation.
- All four adjacent neighbors have reviewed the design drawings and have no concerns regarding the design.

### Sustainable design

The sustainable design features of this home include a net zero energy design and LEED certification. The homes orientation takes advantage of the clear area in front of the home for integrating the photovoltaic system into the sloping roof. All the living and active spaces at the upper level open to the south-southeast orientation to allow winter sun in and the deep overhangs over openings protect them from summer heat gain. The home wraps around the entry courtyard to capture summer breezes for cross ventilation. The clearstory windows at the high level create a stack effect like a chimney to let warm air out while drawing in cooler air from the lower level.

The home has a rainscreen wall system with sintered stone panel cladding. It breathes much like our skin, with an airgap behind the exterior cladding to let moisture

accumulated within the building to escape outside while the inner layers of high-performance insulation reduce building heat gain or loss.

The live roof will feature succulent plants that collect and filter rainwater, while keeping the home cool. Once these plants are well established, they can survive with minimal irrigation.

To reduce the overall carbon footprint of the building, all systems shall be run only with electricity, and no natural gas HVAC equipment shall be utilized. This 48,400 kwh/year photovoltaic (PV) system for the home shall be designed to offset 100% of the anticipated energy usage of the home its occupants, on an annual basis. In other words, the roof mounted photovoltaic system will generate enough electricity for heating of domestic hot water, pool and jacuzzi, cooking, heating /cooling of the house, lighting and other home energy loads, and two electric vehicles.

The geothermal system utilizes the earth's constant temperature of 60° F to pre-heat or cool the water for the electric heat pump and domestic hot water. This pump further cools or warms this water and circulates it throughout the house ceiling panels. This radiant heating and cooling system is highly energy efficient.

Among all other stringent requirements for the LEED certification we are considering rainwater harvesting and grey water for toilets & landscape irrigation. Our current estimation of LEED V4 for Homes certification credits totaled 76.5 points, close to certification thresholds for LEED Gold or Platinum.

### **Fire safety**

The home design incorporates the following fire safety measures and complies with stringent Wildlife Urban Interface standards and HDS&G;

- Fire rated exterior envelope with ceramic panel exterior cladding.
- All steel structure with concrete slab foundation and retaining walls.
- Fire sprinkler system.
- Tempered exterior glazing.
- Undersides of roofs and decks are either enclosed or protected with noncombustible materials.
- Live green roof with succulent plants.
- The 100 feet defensible space for landscaping.
- An 18 ft. wide firetruck access road and location of turn-around space deep into the property for firefighting access.
- Drought tolerant landscaping with underbrush cleared.

### **Building height, bulk and mass**

This home is on a sloped lot and can reduce the appearance of larger home due to the home siting and the articulation of the massing. This low-profile home with slender shape, split-level design and a continuous roof that stays closer to the ground, will appear like a single-story home. The following design strategies are utilized to minimize bulk and mass:

- The linear form of the home starts at the garage as a single story and rises up to a two-story volume towards the rear. This shape enables screening of the larger mass

by tall trees along the north and the west property lines, reducing the impact of a taller mass.

- The varying flat and sloped roof forms follow the hill slopes with deep overhangs to reinforce horizontality, making the home appear smaller.
- The live roof blends with varied site terrain patterns in its form, color and texture.
- Most of the roof follows the site slopes at a 17 ft maximum height from the adjacent grade. A small portion culminates as a clearstory element in the roof composition at 22 ft from the adjacent grade. This small clearstory roof area is only 15% of the overall roof area and is setback from the exterior face. This is the only element of the building that is higher than the rest of the roof but is very critical to the roof form, massing composition and indoor air circulation.



### Selective use of glazing

This contemporary home is designed to have a strong connection to outdoor spaces and bring in the natural beauty of the site. The doors and windows with dark oxidized aluminum frames are integrated with the rhythms and patterns of the exterior sintered stone panels to articulate the exterior massing and make the home appear smaller, lighter, slender and delicate. They are integral part of the exterior building skin and the architectural composition. The solid surface of the exterior panels with low LRV surface material values is punctuated by the window openings used selectively at critical locations. The solid form with its projections, roof awnings and recesses reduces the continuity of the glazing. They are deliberately placed to frame the views of the distant hills and away from neighbors to protect their privacy. The dense tree cover and surrounding hill side ridges also shields them from all lower level views.



## Materials and colors



All materials colors and textures conform with HDS&G. See images above. The two primary exterior sintered stone (like ceramic tile) cladding panels are of earth tones and warm gray and oxidized iron colors and have only LRV values of only 17 and 12. Stained concrete retaining wall have a LRV value of 13. All are maintenance free durable materials. Exposed metal surfaces shall be painted to compliment adjacent materials or anodized to a dark color. The glazing we specified is a low reflective and energy efficient coating. The live roof system will have the same colors and textures of the native vegetation. The cumulative LRV of the home is 13.

## Landscaping & retaining walls

The landscape design plays a key role in creating the seamless merger of indoor-outdoor spaces. The interior spaces open directly to the terraces covered with natural travertine stone or wood decking. The terrace levels set closely to the existing grades minimize cut and fill quantities and reduce the height of the retaining walls.

The driveway surface is asphalt up to the home's entry gate, and then paved tile to support the fire trucks and vehicular traffic in front of the home.

All site retaining walls are equal to or less than 4 ft in height. They will be constructed with stained textured concrete walls that have a natural appearance and allow water to seep through weep holes.

Most of the landscaping is specified to be native Californian, deer resistant and drought tolerant. The landscaping is also designed to blend in with the native landscaping and



most of the property will kept in its natural state in perpetuity. The underbrush will be cleared to reduce wildfire hazard including the creation of 100 ft defensible space for planting. All outdoor spaces, seating areas and the pool are located away from the neighbors to maintain privacy of the neighbors as well as the homeowners.

### **CONCLUSION**

This design has been envisioned and developed from the beginning to enhance and elevate the natural beauty of the hill side environment. The home is designed to integrate into the land become part of the harmonious natural order. The design closely follows Hillside Development Standards and Guidelines in its intent, scale, colors, massing and overall design.

Sincerely



Hari Sripadanna AIA C-30730

 **Srusti Architects**

P - 408-507-8138 [hari@srustiarchitects.com](mailto:hari@srustiarchitects.com)  
We collaborate to create sustainable spaces.  
[www.srustiarchitects.com](http://www.srustiarchitects.com)

Neighborhood Compatibility- 15365 Santella Ct. (Lot 9)

Lot	Address	Date Approved	House	Garage Area (400sf. exempt)	Floor Area	Below Grade Area	Current Status
1	15685 Shady Lane	4/29/2014	4,457	504	4,961	3,191	Occupied
2	15672 Shady Lane	7/3/2012	4,652	337	4,989	1,490	Occupied
3	15644 Shady Lane	12/11/2013	4,796	1,172	5,568	3,224	Occupied
4	15657 Shady Lane	7/30/2013	4,169	1,120	4,889	4,519	Occupied
5	15615 Shady Lane	12/18/2012	4,658	340	4,998	2,370	Occupied
6	15315 Santella Ct.	7/30/2012	4,534	417	4,951		Occupied
7	15343 Santella Ct.	N/A	N/A	N/A	N/A	N/A	Vacant
8	15371 Santella Ct.	N/A	N/A	N/A	N/A	N/A	Vacant
10	15358 Santella Ct	11/03/2017	4,401	476	4,877	965	Under Construction
11	15330 Santella Ct.	1/8/2013	4,625	346	4,971	2,566	Occupied
12	15310 Santella Ct.	2/13/2013	4,660	611	5,271	2,154	Occupied
13	15415 Santella Ct.	N/A	N/A	N/A	N/A	N/A	Vacant
14	15574 Shady Lane	7/10/2012	4,574	384	4,958	2,583	Occupied
15	15588 Shady Lane	12/18/2012	4,508	402	4,910	3,190	Occupied
16	15602 Shady Lane	8/14/2012	4,331	550	4,881	1,429	Occupied
17	15630 Shady Lane	8/20/2013	4,712	286	4,998	2,390	Occupied
18	15685 Gum Tree Lane	7/3/2012	4,590	407	4,997	2,048	Occupied
19	15675 Gum Tree Lane	2/26/2013	4,602	365	4,967	3,039	Occupied
<b>9</b>	<b>15365 Santella Ct.</b>	<b>Proposed Project</b>	<b>5,530</b>	<b>310</b>	<b>5,840</b>	<b>756</b>	<b>Pending</b>

15500 Francis Oaks Way	11/06/00	5,897	512	6,409	790	Occupied
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**15365 Santella Court – Lot 9**

**PROJECT DATA**

	<b>EXISTING CONDITIONS</b>	<b>PROPOSED PROJECT</b>	<b>REQUIRED/ PERMITTED</b>
<b>Zoning district</b>	HR-2 1/2 : PD	same	-
<b>Land use</b>	Vacant	single family residence	-
<b>General Plan Designation</b>	Hillside Residential	same	
<b>Lot size (sq. ft.)</b>			
<b>Gross Lot Area</b>	87,475 sq. ft.	same	40,000 sq. ft. minimum
<b>Driveway Arm</b>	6,797 sq. ft.	same	
<b>Gross Lot Area minus arm</b>	80,678 sq. ft.	same	
<b>Average Slope</b>	31.18%	same	
<b>Net Lot Area</b>	32,271 sq. ft.	same	
<b>Exterior materials:</b>			
<b>siding</b>	-	stone cladding paneling	
<b>window</b>	-	aluminum dark oxidized metal finish	
<b>roofing</b>	-	single ply membrane/green roof	
<b>Building floor area:</b>			
<b>Lower Level</b>	-	2,696 sq. ft.	-
<b>Upper Level</b>	-	2,833 sq. ft.	-
<b>garage</b>	-	711 sq. ft.-400 sq. ft.= 311 sq. ft.	400 sq. ft. exempt
<b>total (excluding 400 s.f. garage)</b>	-	5,840 sq. ft.	6,000 s.f. max
<b>Below grade square footage (BGSF)</b>	-	756 sq. ft.	exempt
<b>House Setbacks (ft.):</b>			
<b>front</b>	-	266 ft	30 ft min.
<b>rear</b>	-	25 ft	25 ft min.
<b>side</b>	-	66 ft	20 ft min.
<b>side</b>	-	106 ft.	20 ft min.
<b>House Max. Height (ft)</b>	-	22 ft.	25 ft. max.
<b>Parking:</b>			
<b>Garage Parking Spaces</b>	-	3	
<b>Uncovered Guest Parking Spaces</b>	-	3	
<b>Total Parking Spaces</b>		6	4 min.
<b>Sewer or septic</b>	-	Sewer	-
<b>Protected Tree Removal</b>	-	14	-

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November 14, 2018

Mr. Azhar Kahn  
Community Development Department  
Town of Los Gatos  
110 E. Main Street  
Los Gatos, CA 95031

**RE: 15365 Santella Court**

Dear Azhar:

I reviewed the drawings, and evaluated the site context. My comments and recommendations are as follows:

**Neighborhood Context**

The site is located at the end of Santella Court, a cul-de-sac at the top of this planned hillside subdivision. Several Estate Style homes have already been constructed and there is one other vacant parcel at the end of this cul-de-sac to be developed in the future. Photographs of the site and surrounding neighborhood are shown on the following page.



EXHIBIT 7



*View to this Lot and Adjacent Lot 8 to the left*



*Adjacent Lot 10 to the Right*



*Nearby House on Santella Court*



*Nearby House on Santella Court*



*House on Santella Court*



*Another Subdivision home*



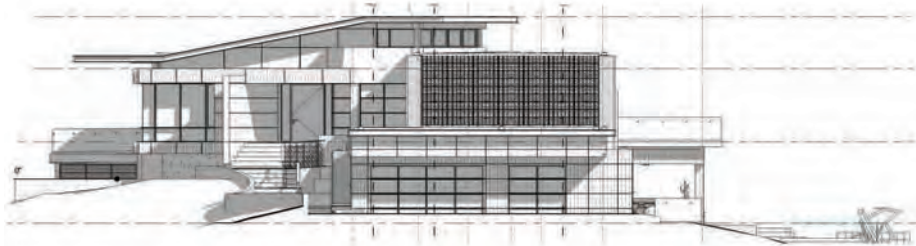
*Another Subdivision home*

### Concerns and Recommendations

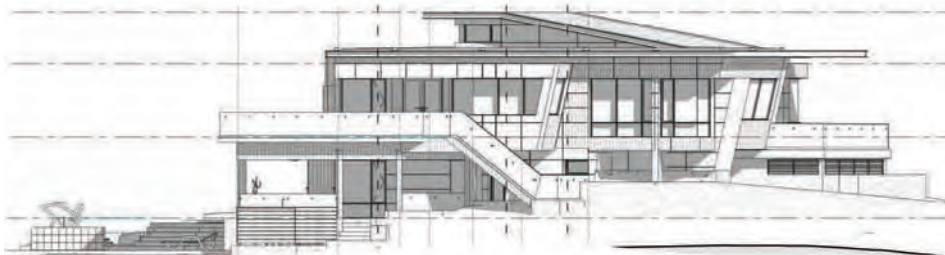
The house would be located on one of the lots at the end of the Santella Court cul-de-sac. It would be similar in site footprint to other nearby completed homes, as shown on the air photo diagram below.



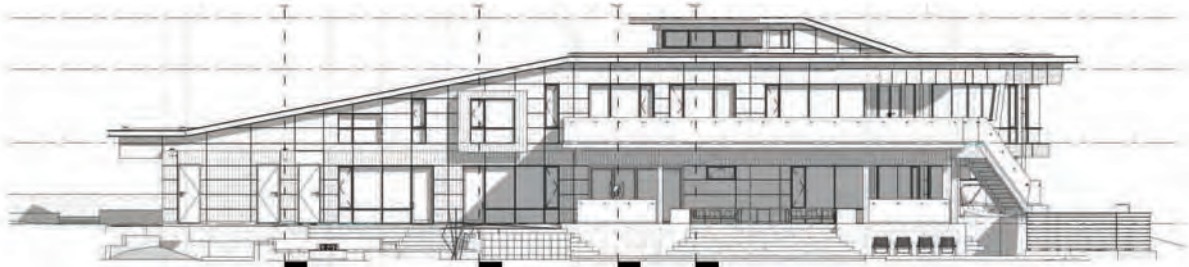
The proposed house is designed in a Contemporary Style, as shown in the applicant's elevations and sketch renderings below and on the following pages.



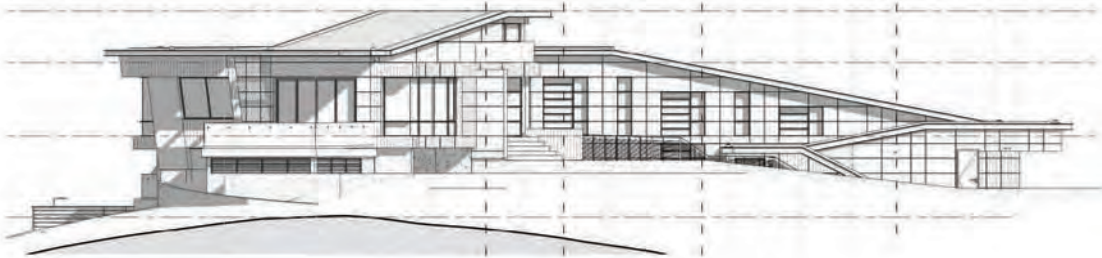
*Proposed Front Elevation facing Santella Court*



*Proposed Rear Elevation facing Downhill*



*Proposed Right Side Elevation*



*Proposed Left Side Elevation*



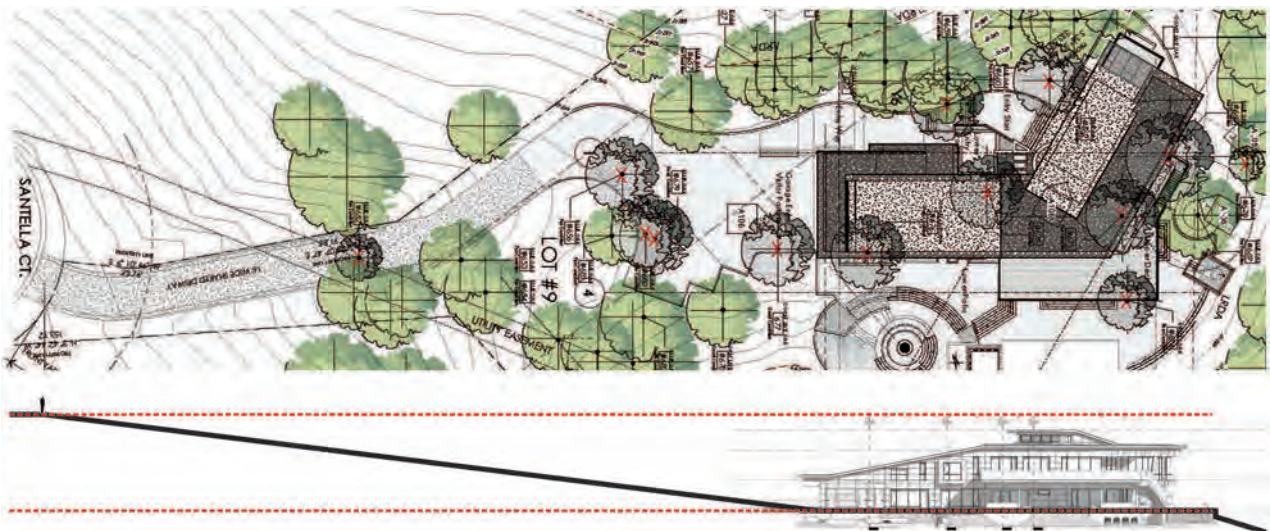


The proposed design would be similar to the recently approved home at 15358 Santella Court (see sketch below).



*Front Elevation of New House to the Immediate Right*

In contrast to the adjacent house which has its upper floor at street level, this proposed house would be located substantially down the hillside, as shown on the site section below.



*Proposed Site Section*

The house forms step down the hillside slopes, as specified in the Hillside Standards and Design Guidelines, and it incorporates high quality materials and details.

I have no recommendations for changes.

Azhar, please let me know if you have any questions, or if there are other issues that I did not address.

Sincerely,

CANNON DESIGN GROUP

A handwritten signature in black ink, appearing to read "Larry L. Cannon". The signature is fluid and cursive, with a long horizontal stroke at the end.

Larry L. Cannon

**Tree Inventory, Assessment,  
and  
Protection**

**15365 Santella Court  
Los Gatos, CA 95032**

**Prepared for:**

**Town of Los Gatos**

**November 29, 2018**

**Prepared By:**

**Richard Gessner**

*ASCA - Registered Consulting Arborist® #496  
ISA - Board Certified Master Arborist® WE-4341B  
ISA - Tree Risk Assessor Qualified  
CA Qualified Applicators License QL 104230*



**Monarch Consulting Arborists LLC**  
P.O. Box 1010  
Felton, CA 95018  
831. 331. 8982

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## Table of Contents

<b>Summary .....</b>	<b>1</b>
<b>Introduction .....</b>	<b>1</b>
Background .....	1
Assignment.....	1
Limits of the assignment .....	2
Purpose and use of the report.....	2
<b>Observations .....</b>	<b>3</b>
Tree Inventory .....	3
<b>Analysis .....</b>	<b>4</b>
<b>Discussion.....</b>	<b>5</b>
Condition Rating.....	5
Suitability for Conservation .....	6
Expected Impact Level.....	7
Mitigation for Removals.....	10
Tree Protection .....	11
<b>Conclusion .....</b>	<b>15</b>
<b>Recommendations .....</b>	<b>16</b>
Pre-construction and Planning Phase .....	16
Construction and Post-Construction Phase .....	16
<b>Bibliography .....</b>	<b>17</b>
<b>Glossary of Terms.....</b>	<b>18</b>
<b>Appendix A: Tree Inventory Map and Site Plan.....</b>	<b>20</b>
A1: Driveway entrance.....	20
A2: Driveway and Hammerhead.....	21
A3: Residence .....	22
<b>Appendix B: Tree Inventory and Assessment Tables .....</b>	<b>23</b>
B1: Inventory and Assessment.....	23
B2: Appraisal Summary.....	25
<b>Appendix C: Photographs .....</b>	<b>27</b>
C1: Existing access .....	27





C2: Building area .....28  
C3: Building area .....29  
C4: Building area .....30  
**Appendix D: Tree Protection Guidelines.....31**  
Section 29.10.1005. - Protection of Trees During Construction.....31  
Tree Protection Zones and Fence Specifications .....31  
All persons, shall comply with the following precautions .....31  
Monitoring .....32  
Root Pruning.....32  
Boring or Tunneling.....32  
Tree Pruning and Removal Operations.....32  
**Appendix E: Tree Protection Signs.....33**  
E1: English .....33  
E2: Spanish.....34  
**Qualifications, Assumptions, and Limiting Conditions .....35**  
**Certification of Performance .....36**



## Summary

The proposed project is located at the end of Santella Court on the vacant lot. The inventory contains 44 trees comprised of 2 different species (coast live oak (*Quercus agrifolia*) and blue oak (*Quercus douglasii*)). Nine oaks are considered Large Protected, thirty-five are Protected, and none are Exempt. Most of the trees are in either good or fair condition and the suitability ratings mirror the condition ratings. Fifteen trees will require removal to construct the residence and driveway as proposed. One tree was rated as moderate-highly impacted, 7 moderate, 5 moderate-low and 16 will not be affected. Five of the fifteen to be highly impacted are Large Protected Trees (668, 675, 676, 677 and 691). The removals would require some combination of sixty-eight 24 inch box or thirty-four 36 inch box replacements. Tree protection for this project would consist of a modified Type I scheme with the retained trees all located around the perimeter of the site. A total of 44 trees were appraised for a rounded depreciated value of \$242,700.00 using the Trunk Formula Method.

## Introduction

### Background

The Town of Los Gatos asked me to assess the site, trees, and proposed footprint plan, and to provide a report with my findings and recommendations to help satisfy planning requirements.

### Assignment

- Provide an arborist's report including an assessment of the trees within the project area and on the adjacent sites. The assessment is to include the species, size (trunk diameter), condition (health and structure), and suitability for preservation ratings. Affix aluminum number tags on the trees for reference on site and on plans.
- Provide tree protection specifications, guidelines, and impact ratings for trees that may be affected by the project.
- Provide appraised values.



## Limits of the assignment

- The information in this report is limited to the condition of the trees during my inspection on November 26, 2018. No tree risk assessments were performed.
- Tree heights and canopy diameters are estimates.
- The plans reviewed for this assignment were as follows (Table 1).

Table 1: Plans Reviewed Checklist

Plan	Date	Sheet	Reviewed	Source	Notes
Existing Site Topographic Map or A.L.T.A with tree locations			No		
Proposed Site Plan	October 19, 2018	A101		Sruti Architects	
Demolition Plan			No		
Construction Staging			No		
Grading and Drainage	August 5, 2018	L1.0 L2.0 L2.2		David Fox & Company	
Utility Plan and Hook-up locations			No		
Exterior Elevations					
Landscape Plan					
Irrigation Plan			No		
T-1 Tree Protection Plan			No		

## Purpose and use of the report

The report is intended to identify all the trees within the plan area that could be affected by a project. The report is to be used by the Town of Los Gatos and the property owners as a reference for existing tree conditions to help satisfy planning requirements.

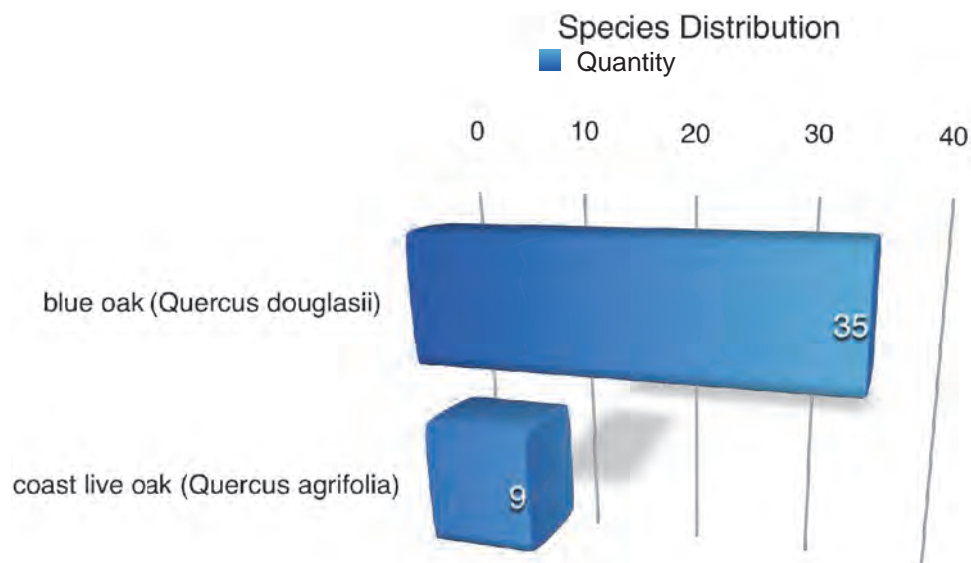


# Observations

## Tree Inventory

The inventory consists of trees protected by the Town of Los Gatos located on site and those in close proximity on neighboring properties. Sec. 29.10.0960. - Scope of protected trees. All trees which have a four-inch or greater diameter (twelve and one half-inch circumference) of any trunk, when removal relates to any review for which zoning approval or subdivision approval is required. (Appendix A and B). Los Gatos Town Ordinance 29.10.0970 Exceptions (1) states the following: "A fruit or nut tree that is less than eighteen (18) inches in diameter (fifty-seven-inch circumference).

The inventory contains 44 trees comprised of 2 different species. Nine oaks are considered Large Protected<sup>1</sup>, thirty-five are Protected<sup>2</sup>, and none are Exempt<sup>3</sup>. The chart below list the species and their relative quantities (Chart 1).



<sup>1</sup> Large protected tree means any oak (*Quercus spp.*), California buckeye (*Aesculus californica*), or Pacific madrone (*Arbutus menziesii*) which has a 24-inch or greater diameter (75-inch circumference); or any other species of tree with a 48-inch or greater diameter (150-inch circumference).

<sup>2</sup> Protected tree means a tree regulated by the Town of Los Gatos as set forth in Section. [29.10.0960](#), Scope of protected trees.

<sup>3</sup> A fruit or nut tree that is less than eighteen (18) inches in diameter (fifty-seven-inch circumference).



## Analysis

Tree appraisal was performed according to the Council of Tree & Landscape Appraisers *Guide for Plant Appraisal 9th Edition, 2000* (CLTA) along with Western Chapter International Society of Arboriculture *Species Classification and Group Assignment, 2004*. The trees were appraised using the “Cost Approach” and more specifically the “Trunk Formula Method” (Appendix B).

“Trunk Formula Method” is calculated as follows: Basic Tree Cost = (Appraised tree trunk increase X Unit tree cost + Installed tree cost) Appraised Value = (Basic tree cost X Species % X Condition % X Location %).

The trunk formula valuations are based on four tree factors; species, size (trunk cross sectional area), condition, and location. There are two steps to determine the overall value. The first step is to determine the “Basic Tree Cost” based on size and species rating which is determined by the *Species Classification and Group Assignment, 2004 Western Chapter Regional Supplement*.

The second part is to depreciate the value according to the location and condition of the trees.

The condition assessment and percentages are defined in the “Condition Rating” section of this report. The condition ratings deviate from the Guide’s condition assessment numerical rating system. The reason for this deviation is the Guide’s assessment criteria fails to account for significant health or structural issues creating high percentages for tree with either significant structural defects or health problems that could ultimately lead to failure or irreversible decline.

Location rating is an average of three factors; site, contribution, and placement. Site is determined by the relative property value where the trees are planted. The residential site would be classified as “very high” value with a 90 percent rating compared to similar sites in the area (ISA, 2000).

Contribution and placement is determined by the function and aesthetics the trees provide for the site and their location on the property. The percent of contribution and placement can range from 10 to 100 percent depending on the trees influence to the value of the property. These percentages ranged from 0 to 90 percent in my assessment.

A total of 44 trees were appraised for a rounded depreciated value of \$242,700.00 using the Trunk Formula Method (Appendix B2).

Appraisal worksheets are available upon request.



# Discussion

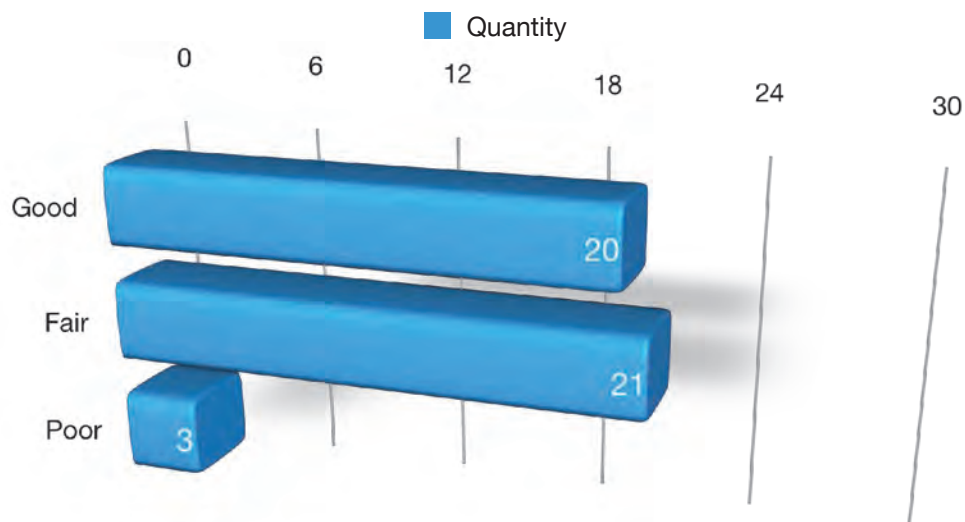
## Condition Rating

A tree's condition is a determination of its overall health, structure, and form. The assessment considered both the health and structure for a combined condition rating.

- 100% - Exceptional = Good health and structure with significant size, location or quality.
- 61-80% - Good = Normal vigor, well-developed structure, function and aesthetics not compromised with good longevity for the site.
- 41-60 % - Fair = Reduced vigor, damage, dieback, or pest problems, at least one significant structural problem or multiple moderate defects requiring treatment. Major asymmetry or deviation from the species normal habit, function and aesthetics compromised.
- 21-40% - Poor = Unhealthy and declining appearance with poor vigor, abnormal foliar color, size or density with potential irreversible decline. One serious structural defect or multiple significant defects that cannot be corrected and failure may occur at any time. Significant asymmetry and compromised aesthetics and intended use.
- 6-20% - Very Poor = Poor vigor and dying with little foliage in irreversible decline. Severe defects with the likelihood of failure being probable or imminent. Aesthetically poor with little or no function in the landscape.
- 0-5% - Dead/Unstable = Dead or imminently ready to fail.

Most of the trees are in either good or fair condition and three are simply in poor shape. The tree composition is typical for the area with naturally occurring mostly unmaintained oaks.

Chart 2: Condition Rating

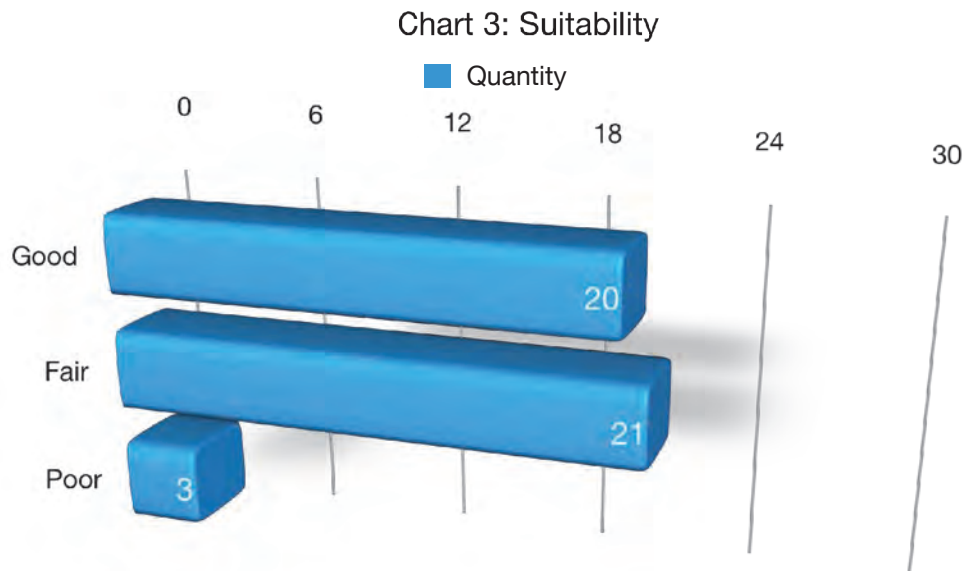


## Suitability for Conservation

A tree's suitability for conservation is determined based on its health, structure, age, species and disturbance tolerances, proximity to cutting and filling, proximity to construction or demolition, and potential longevity using a scale of good, fair, or poor (Fite, K, and Smiley, E. T., 2016). Trees with good suitability have good vigor, structural stability, and potential longevity after construction.

- Good = Trees with good health, structural stability and longevity.
- Fair = Trees with fair health and/or structural defects that may be mitigated through treatment. These trees require more intense management and monitoring, and may have shorter life spans than those in the good category.
- Poor = Trees in poor health with significant structural defects that cannot be mitigated and will continue to decline regardless of treatment. The species or individual may possess characteristics that are incompatible or undesirable in landscape settings or unsuited for the intended use of the site.

The suitability ratings mirror the condition ratings for this assignment. I did not consider construction impact as part of the suitability rating at this point. The trees grow here naturally and would be considered to have relatively good suitability for retention absent of significant health or structural problems.

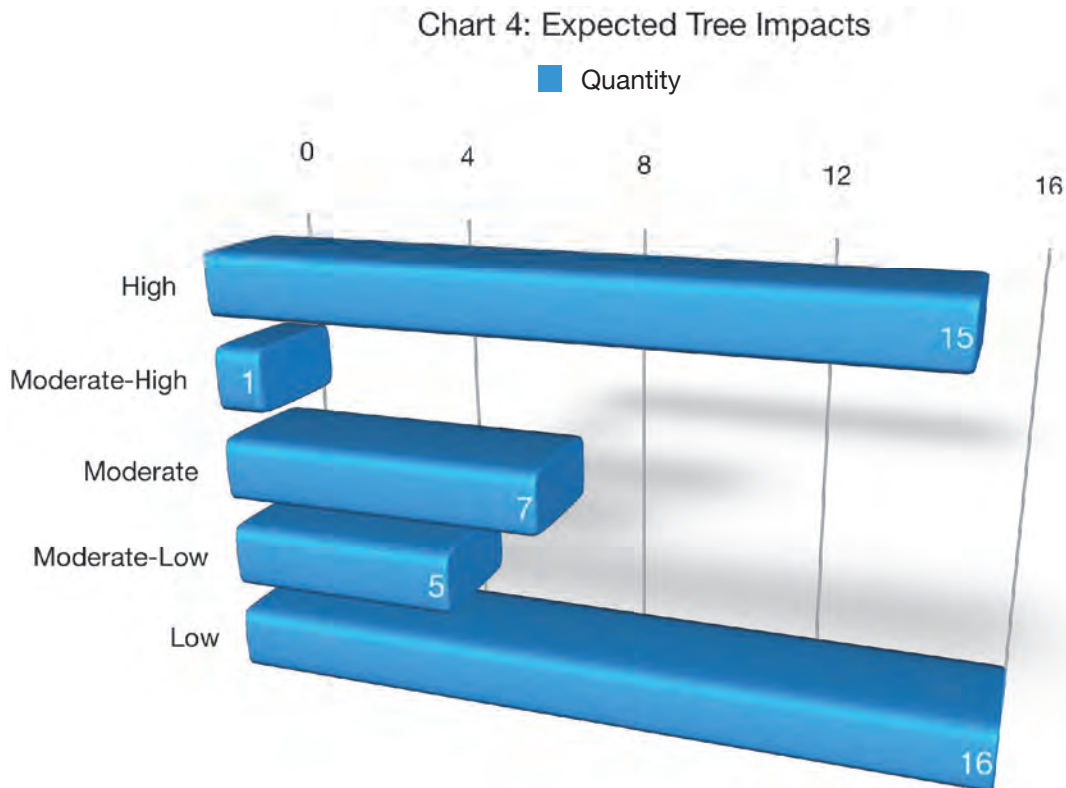


## Expected Impact Level

Impact level defines how a tree may be affected by construction activity and proximity to the tree, and is described as low, moderate, or high. The following scale defines the impact rating:

- Low = The construction activity will have little influence on the tree.
- Moderate = The construction may cause future health or structural problems, and steps must be taken to protect the tree to reduce future problems.
- High = Tree structure and health will be compromised and removal is recommended, or other actions must be taken for the tree to remain. The tree is located in the building envelope.

There are fifteen trees that will require removal to construct the residence and driveway as constituted (Chart 4). One tree was rated as moderate-highly impacted, 7 moderate, 5 moderate-low and 16 will not be affected. Five of the fifteen to be highly impacted are Large Protected Trees (668, 675, 676, 677 and 691).





The table below lists the trees that will be required to be removed (Table 2).

Table 2: Trees Expected to be Removed

Tree Species	Number	Trunk Diameter (in.)	~ Canopy Diameter (ft.)	Condition and Suitability	Whats Causing Impact	Potential Mitigation
blue oak (Quercus douglasii)	652	12	25	Fair	Driveway	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	653	13	30	Fair	Driveway	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	656	16.5	30	Fair	Driveway	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	660	12	30	Good	Wall - Construction	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	662	19	40	Good	Building footprint	Six 24 inch box trees; or three 36 inch box trees
blue oak (Quercus douglasii)	665	12	25	Good	Retaining wall and Construction	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	668	10, 18	35	Poor	Building footprint	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	671	12	25	Fair	Building footprint	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	675	13, 12	30	Fair	Building footprint	Four 24 inch box trees or two 36 inch box trees
coast live oak (Quercus agrifolia)	676	24	40	Poor	Construction - Retaining Wall - Marked Retain	Six 24 inch box trees; or three 36 inch box trees
coast live oak (Quercus agrifolia)	677	19, 20, 18	50	Fair	House	Six 24 inch box trees; or three 36 inch box trees



Tree Species	Number	Trunk Diameter (in.)	~ Canopy Diameter (ft.)	Condition and Suitability	Whats Causing Impact	Potential Mitigation
blue oak (Quercus douglasii)	679	13	25	Good	Driveway - Tag missing	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	680	14	25	Fair	Driveway - Tag missing	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	690	16	30	Fair	Driveway	Four 24 inch box trees or two 36 inch box trees
coast live oak (Quercus agrifolia)	691	24	45	Poor	Driveway	Six 24 inch box trees; or three 36 inch box trees



## Mitigation for Removals

The table below indicates the recommended replacement values (Table 3). There are nine trees that would require either four 24 inch box or two 36 inch box per tree and four requiring six 24 inch box or three 36 inch box replacements. The removals would require some combination of sixty-eight 24 inch box or thirty-four 36 inch box replacements. Alternatively it may be possible to create an approved landscape plan or provide an in-lieu payment.

Table 3: Town of Los Gatos Tree Canopy - Replacement Standard

Canopy Size of Removed Tree (1)	Replacement Requirement (2) (4)	Single Family Residential Replacement Option (3) (4)
10 feet or less	Two 24 inch box trees	Two 15 gallon trees
More than 10 feet to 25 feet	Three 24 inch box trees	Three 15 gallon trees
More than 25 feet to 40 feet	Four 24 inch box trees or two 36 inch box trees	Four 15 gallon trees
More than 40 feet to 55 feet	Six 24 inch box trees; or three 36 inch box trees	Not available
Greater than 55 feet	Ten 24 inch box trees; or five 36 inch box trees	Not available

<sup>1</sup>To measure an asymmetrical canopy of a tree, the widest measurement shall be used to determine canopy size.

<sup>2</sup>Often, it is not possible to replace a single large, older tree with an equivalent tree(s). In this case, the tree may be replaced with a combination of both the Tree Canopy Replacement Standard and in-lieu payment in an amount set forth by Town Council resolution paid to the Town Tree Replacement Fund.

<sup>3</sup>Single Family Residential Replacement Option is available for developed single family residential lots under 10,000 square feet that are not subject to the Town's Hillside Development Standards and Guidelines. All 15-gallon trees must be planted on-site. Any in-lieu fees for single family residential shall be based on 24" box tree rates as adopted by Town Council.

<sup>4</sup>Replacement Trees shall be approved by the Town Arborist and shall be of a species suited to the available planting location, proximity to structures, overhead clearances, soil type, compatibility with surrounding canopy and other relevant factors. Replacement with native species shall be strongly encouraged. Replacement requirements in the Hillside shall comply with the Hillside Development Standards and Guidelines Appendix A and Section 29.10.0987 Special Provisions--Hillsides.



## Tree Protection

Typically there are three different tree protection schemes which are called Type I, Type II and Type III trunk protection only (Figures 1, 2, and 3). Tree protection focuses on avoiding damage to the roots, trunk, or scaffold branches (Appendix D). The most current accepted method for determining the TPZ is to use a formula based on species tolerance, tree age/vigor, and trunk diameter (Matheny, N. and Clark, J. 1998) (Fite, K, and Smiley, E. T., 2016). Preventing mechanical damage to the trunk from equipment or hand tools can be accomplished by wrapping the main stem with straw wattle or using vertical timbers (Figure 3).

Both the *ISA Best Management Practices: Root Management, 2017* and *ISA Best Management Practices: Managing trees during construction, second edition, 2016* indicate linear cuts should be beyond six times the trunk diameter distance when affected on only one side.

Tree protection for this project would consist of a modified Type I scheme with the retained trees all located around the perimeter of the site. The tree protection fence should be placed no closer than six times the trunk diameter distances in feet and preferably twelve.

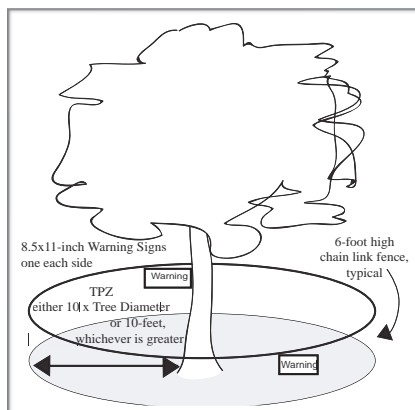


Figure 1: Type I Tree protection with fence placed at a radius of ten times the trunk diameter. Image City of Palo Alto 2006.

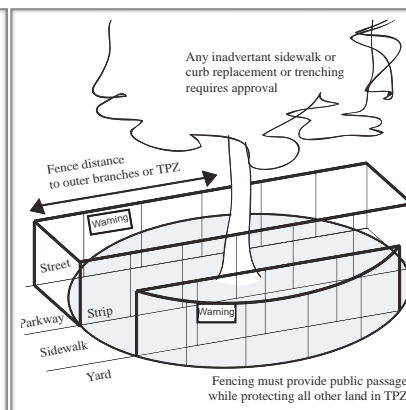


Figure 2: Type II Tree protection with fence placed along the sidewalk and curb to enclose the tree. Image City of Palo Alto 2006.

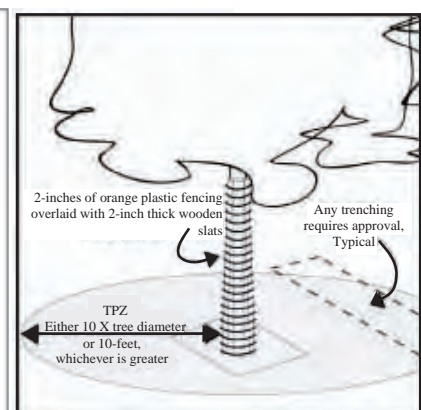


Figure 3: Type III Tree protection with trunk protected by a barrier to prevent mechanical damage. Image City of Palo Alto 2006.



The table below lists the trees and the recommended protection distances or zones of no disturbance (Table 4).

Table 4: Recommended Protection Distances

Tree Species	Number	Trunk Diameter (in.)	Expected Impact	Whats Causing Impact	6 X DBH Radius (ft.)	12 times DBH Radius (ft.)
blue oak (Quercus douglasii)	1	15	Low		7.5	15
blue oak (Quercus douglasii)	2	13	Low		6.5	13
blue oak (Quercus douglasii)	620	11	Low		5.5	11
blue oak (Quercus douglasii)	622	13	Moderate	Driveway Wall	6.5	13
blue oak (Quercus douglasii)	623	11	Low		5.5	11
blue oak (Quercus douglasii)	624	11	Low		5.5	11
blue oak (Quercus douglasii)	626	10, 8	Low		5	10
blue oak (Quercus douglasii)	627	12	Low		6	12
blue oak (Quercus douglasii)	628	15	Moderate-Low	Driveway	7.5	15
blue oak (Quercus douglasii)	629	17	Moderate-Low	Driveway	8.5	17
coast live oak (Quercus agrifolia)	630	12	Moderate-Low	Driveway	6	12
coast live oak (Quercus agrifolia)	634	16, 13, 15,16	Low		8	16
blue oak (Quercus douglasii)	652	12	High	Driveway	6	12
blue oak (Quercus douglasii)	653	13	High	Driveway	6.5	13
blue oak (Quercus douglasii)	654	14	Low		7	14
blue oak (Quercus douglasii)	655	12	Moderate	Driveway	6	12



Tree Species	Number	Trunk Diameter (in.)	Expected Impact	Whats Causing Impact	6 X DBH Radius (ft.)	12 times DBH Radius (ft.)
blue oak (Quercus douglasii)	656	16.5	High	Driveway	8.25	16.5
blue oak (Quercus douglasii)	657	7, 11, 10	Moderate	Driveway Wall	5	10
blue oak (Quercus douglasii)	658	21	Moderate	Driveway Wall	10.5	21
blue oak (Quercus douglasii)	659	12	Low		6	12
blue oak (Quercus douglasii)	660	12	High	Wall - Construction	6	12
blue oak (Quercus douglasii)	661	18	Low		9	18
blue oak (Quercus douglasii)	662	19	High	Building footprint	9.5	19
blue oak (Quercus douglasii)	663	12	Low		6	12
blue oak (Quercus douglasii)	664	18	Low		9	18
blue oak (Quercus douglasii)	665	12	High	Retaining wall and Construction	6	12
blue oak (Quercus douglasii)	666	18	Low		9	18
coast live oak (Quercus agrifolia)	667	14	Low		7	14
blue oak (Quercus douglasii)	668	10, 18	High	Building footprint	9	18
blue oak (Quercus douglasii)	669	19	Moderate-High	Retaining wall and Construction	9.5	19
coast live oak (Quercus agrifolia)	670	18, 12, 6, 12	Low		6	12
blue oak (Quercus douglasii)	671	12	High	Building footprint	6	12



Tree Species	Number	Trunk Diameter (in.)	Expected Impact	Whats Causing Impact	6 X DBH Radius (ft.)	12 times DBH Radius (ft.)
blue oak (Quercus douglasii)	675	13, 12	High	Building footprint	6	12
coast live oak (Quercus agrifolia)	676	24	High	Construction - Retaining Wall - Marked Retain	12	24
coast live oak (Quercus agrifolia)	677	19, 20, 18	High	House	9	18
coast live oak (Quercus agrifolia)	678	19, 21, 16, 24	Moderate		8	16
blue oak (Quercus douglasii)	679	13	High	Driveway - Tag missing	6.5	13
blue oak (Quercus douglasii)	680	14	High	Driveway - Tag missing	7	14
blue oak (Quercus douglasii)	681	12	Moderate	Driveway - Tag missing	6	12
blue oak (Quercus douglasii)	682	15	Moderate	Driveway Hammerhead	7.5	15
blue oak (Quercus douglasii)	690	16	High	Driveway	8	16
coast live oak (Quercus agrifolia)	691	24	High	Driveway	12	24
coast live oak (Quercus agrifolia)	692	18	Moderate-Low	Driveway	9	18
blue oak (Quercus douglasii)	693	17	Moderate-Low	Driveway	8.5	17



## Conclusion

The inventory contains 44 trees comprised of 2 different species (coast live oak and blue oak). Nine oaks are considered Large Protected, thirty-five are Protected, and none are Exempt. Most of the trees are in either good or fair condition and three are simply in poor shape and the suitability ratings mirror the condition ratings. The trees grow here naturally and would be considered to have relatively good suitability for retention absent of significant health or structural problems. There are fifteen trees that will require removal to construct the residence and driveway as proposed. One tree was rated as moderate-highly impacted, 7 moderate, 5 moderate-low and 16 will not be affected. Five of the fifteen to be highly impacted are Large Protected Trees (668, 675, 676, 677 and 691). The removals would require some combination of sixty-eight 24 inch box or thirty-four 36 inch box replacements. Tree protection for this project would consist of a modified Type I scheme with the retained trees all located around the perimeter of the site. The tree protection fence should be placed no closer than six times the trunk diameter distances in feet and preferably twelve. A total of 44 trees were appraised for a rounded depreciated value of \$242,700.00 using the Trunk Formula Method.





# Recommendations

## Pre-construction and Planning Phase

1. Place tree numbers and tree protection fence locations and guidelines on the plans including the grading, drainage, and utility plans. Create a separate plan sheet that includes all protection measures labeled “T-1 Tree Protection Plan.”
2. Place tree protection fence around those to remain a radial distance of 6 to 12 times the trunk diameter distances (Table 4, Pg 12).
3. Provide a landscape plan that accounts for the loss in tree canopy to include in tabular form the required replacements in accordance with the Town’s Tree Canopy Replacement Standard.
4. All tree maintenance and care shall be performed by a qualified arborist with a C-61/D-49 California Contractors License. Tree maintenance and care shall be specified in writing according to American National Standard for Tree Care Operations: *Tree, Shrub and Other Woody Plant Management: Standard Practices* parts 1 through 10 and adhere to ANSI Z133.1 safety standards and local regulations. All maintenance is to be performed according to ISA Best Management Practices.
5. Refer to Appendix D for general tree protection guidelines including recommendations for arborist assistance while working under trees, trenching, or excavation within a trees drip line or designated TPZ/CRZ.
6. Provide a copy of this report to all contractors and project managers, including the architect, civil engineer, and landscape designer or architect. It is the responsibility of the owner to ensure all parties are familiar with this document.
7. Arrange a pre-construction meeting with the project arborist or landscape architect to verify tree protection is in place, with the correct materials, and at the proper distances.

## Construction and Post-Construction Phase

1. Monitor the health and structure of all trees for any changes in condition.
2. Perform any other mitigation measures to help ensure long term survival.



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## Glossary of Terms

**Basic Tree Cost:** The cost of replacement for a perfect specimen of a particular species and cross sectional area prior to location and condition depreciation.

**Cost Approach:** An indication of value by adding the land value to the depreciated value of improvements.

**Defect:** An imperfection, weakness, or lack of something necessary. In trees defects are injuries, growth patterns, decay, or other conditions that reduce the tree's structural strength.

**Diameter at breast height (DBH):** Measures at 1.4 meters (4.5 feet) above ground in the United States, Australia (arboriculture), New Zealand, and when using the Guide for Plant Appraisal, 9th edition; at 1.3 meters (4.3 feet) above ground in Australia (forestry), Canada, the European Union, and in UK forestry; and at 1.5 meters (5 feet) above ground in UK arboriculture.

**Drip Line:** Imaginary line defined by the branch spread or a single plant or group of plants. The outer extent of the tree crown.

**Mechanical damage:** Physical damage caused by outside forces such as cutting, chopping or any mechanized device that may strike the tree trunk, roots or branches.

**Scaffold branches:** Permanent or structural branches that form the scaffold architecture or structure of a tree.

**Straw wattle:** also known as straw worms, bio-logs, straw noodles, or straw tubes are man made cylinders of compressed, weed free straw (wheat or rice), 8 to 12 inches in diameter and 20 to 25 feet long. They are encased in jute, nylon, or other photo degradable materials, and have an average weight of 35 pounds.

**Topping:** Inappropriate pruning technique to reduce tree size. Cutting back a tree to a predetermined crown limit, often at internodes.

**Tree Protection Zone (TPZ):** Defined area within which certain activities are prohibited or restricted to prevent or minimize potential injury to designated trees, especially during construction or development.

**Tree Risk Assessment:** Process of evaluating what unexpected things could happen, how likely it is, and what the likely outcomes are. In tree management, the systematic process to determine the level of risk posed by a tree, tree part, or group of trees.

**Trunk:** Stem of a tree.



**Trunk Formula Method:** Method to appraise the monetary value of trees considered too large to be replaced with nursery or field grown stock. Based on developing a representative unit cost for replacement with the same or comparable species of the same size and in the same place, subject to depreciation for various factors. Contrast with replacement cost method.

**Volunteer:** A tree, not planted by human hands, that begins to grow on residential or commercial property. Unlike trees that are brought in and installed on property, volunteer trees usually spring up on their own from seeds placed onto the ground by natural causes or accidental transport by people. Normally, volunteer trees are considered weeds and removed, but many desirable and attractive specimens have gone on to become permanent residents on many public and private grounds.



# Appendix A: Tree Inventory Map and Site Plan

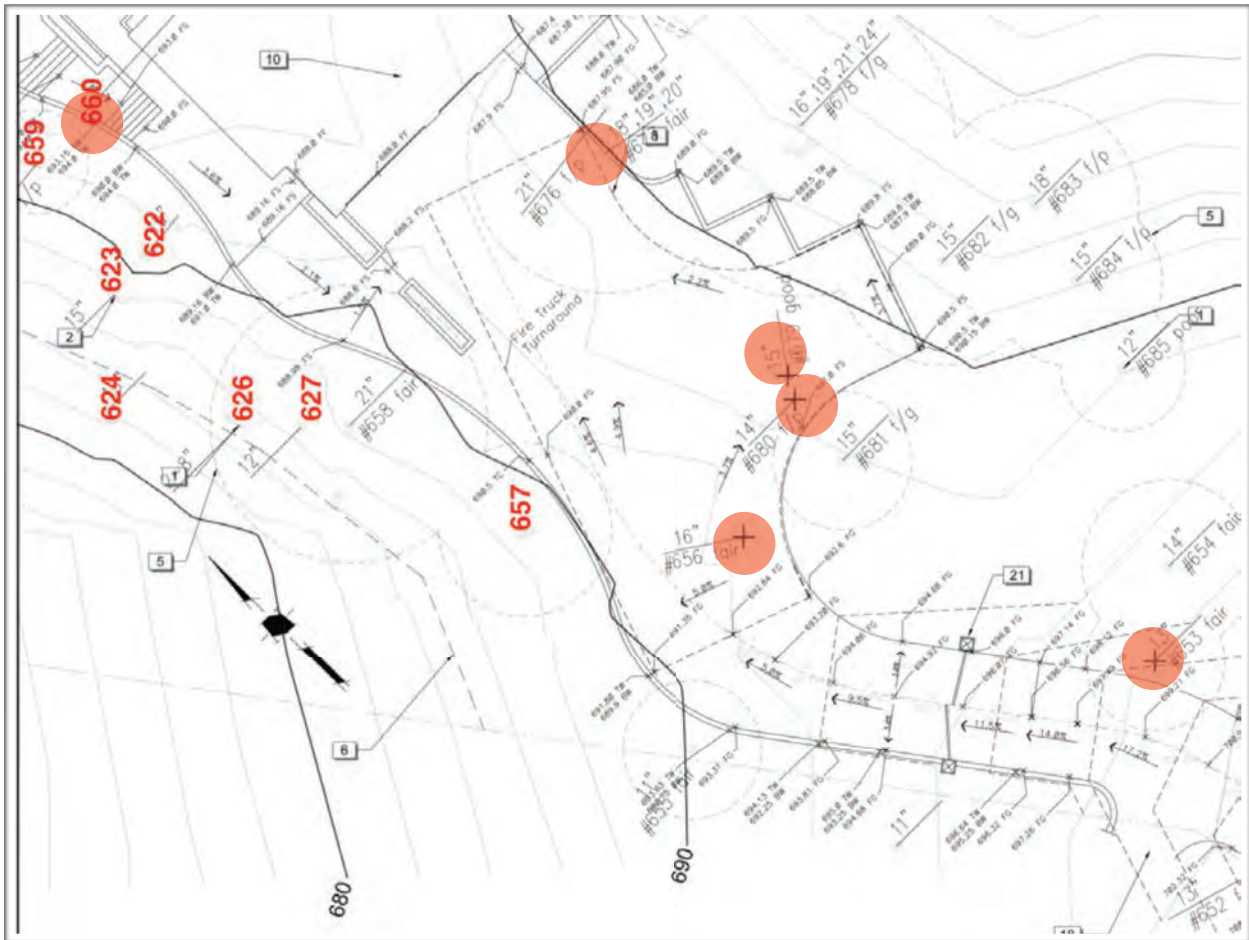
## A1: Driveway entrance

Sheet taken from L1 (Red circles indicate removals/highly impacted)



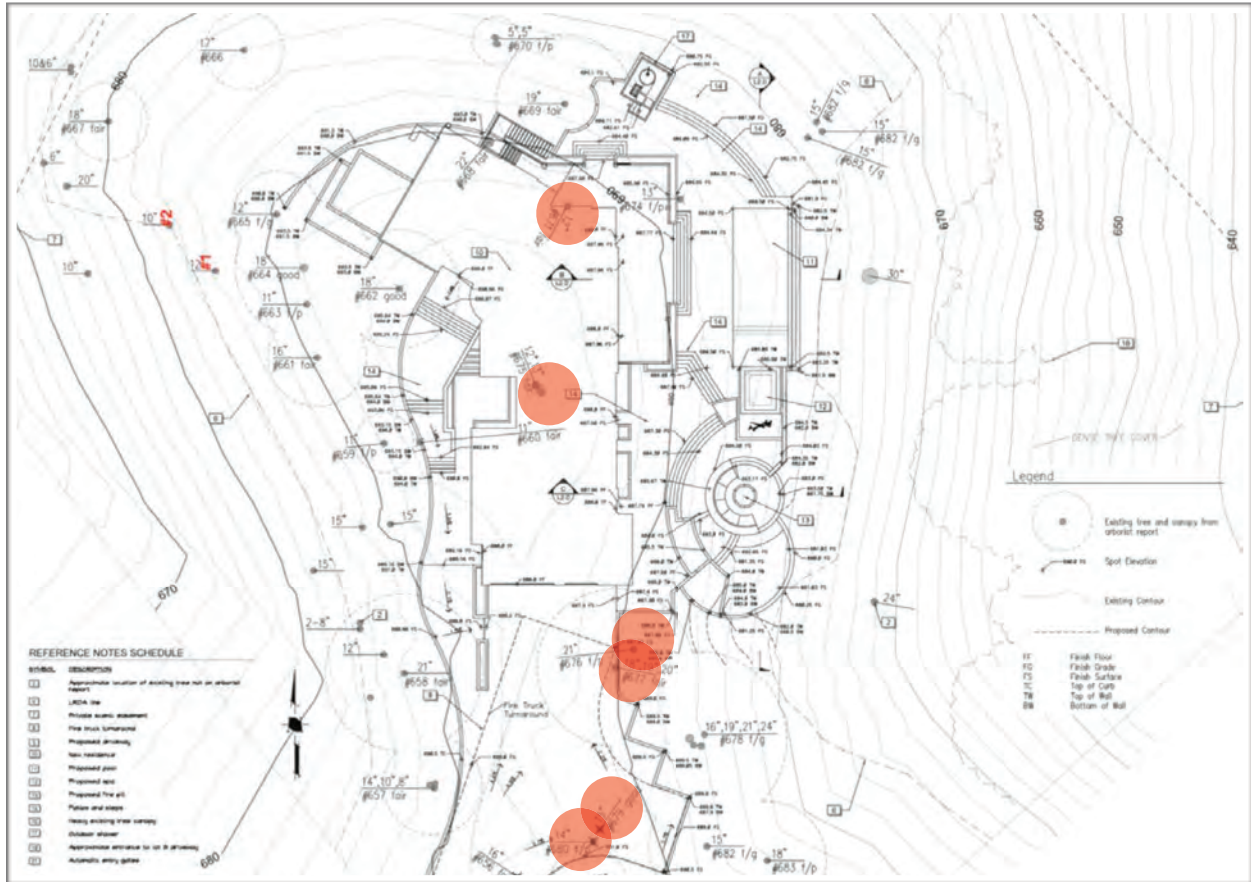
## A2: Driveway and Hammerhead

Sheet taken from L1 (Red circles indicate removals/highly impacted)



### A3: Residence

Sheet taken from L2 (Red circles indicate removals/highly impacted)



## Appendix B: Tree Inventory and Assessment Tables

### B1: Inventory and Assessment

Table 5: Inventory and Assessment

Tree Species	Number	Trunk Diameter (in.)	~ Canopy Diameter (ft.)	Condition and Suitability	Expected Impact	Los Gatos Large Protected Tree
blue oak ( <i>Quercus douglasii</i> )	1	15	30	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	2	13	30	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	620	11	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	622	13	25	Good	Moderate	No
blue oak ( <i>Quercus douglasii</i> )	623	11	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	624	11	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	626	10, 8	25	Fair	Low	No
blue oak ( <i>Quercus douglasii</i> )	627	12	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	628	15	35	Fair	Moderate-Low	No
blue oak ( <i>Quercus douglasii</i> )	629	17	40	Good	Moderate-Low	No
coast live oak ( <i>Quercus agrifolia</i> )	630	12	18	Fair	Moderate-Low	No
coast live oak ( <i>Quercus agrifolia</i> )	634	16, 13, 15, 16	45	Fair	Low	Yes
blue oak ( <i>Quercus douglasii</i> )	652	12	25	Fair	High	No
blue oak ( <i>Quercus douglasii</i> )	653	13	30	Fair	High	No
blue oak ( <i>Quercus douglasii</i> )	654	14	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	655	12	25	Good	Moderate	No
blue oak ( <i>Quercus douglasii</i> )	656	16.5	30	Fair	High	No
blue oak ( <i>Quercus douglasii</i> )	657	7, 11, 10	35	Good	Moderate	Yes
blue oak ( <i>Quercus douglasii</i> )	658	21	40	Good	Moderate	No
blue oak ( <i>Quercus douglasii</i> )	659	12	30	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	660	12	30	Good	High	No
blue oak ( <i>Quercus douglasii</i> )	661	18	35	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	662	19	40	Good	High	No





Tree Species	Number	Trunk Diameter (in.)	~ Canopy Diameter (ft.)	Condition and Suitability	Expected Impact	Los Gatos Large Protected Tree
blue oak (Quercus douglasii)	663	12	25	Fair	Low	No
blue oak (Quercus douglasii)	664	18	40	Good	Low	No
blue oak (Quercus douglasii)	665	12	25	Good	High	No
blue oak (Quercus douglasii)	666	18	30	Fair	Low	No
coast live oak (Quercus agrifolia)	667	14	30	Fair	Low	No
blue oak (Quercus douglasii)	668	10, 18	35	Poor	High	Yes
blue oak (Quercus douglasii)	669	19	45	Fair	Moderate-High	No
coast live oak (Quercus agrifolia)	670	18, 12, 6, 12	45	Fair	Low	Yes
blue oak (Quercus douglasii)	671	12	25	Fair	High	No
blue oak (Quercus douglasii)	675	13, 12	30	Fair	High	Yes
coast live oak (Quercus agrifolia)	676	24	40	Poor	High	Yes
coast live oak (Quercus agrifolia)	677	19, 20, 18	50	Fair	High	Yes
coast live oak (Quercus agrifolia)	678	19, 21, 16, 24	50	Fair	Moderate	Yes
blue oak (Quercus douglasii)	679	13	25	Good	High	No
blue oak (Quercus douglasii)	680	14	25	Fair	High	No
blue oak (Quercus douglasii)	681	12	25	Fair	Moderate	No
blue oak (Quercus douglasii)	682	15	35	Fair	Moderate	No
blue oak (Quercus douglasii)	690	16	30	Fair	High	No
coast live oak (Quercus agrifolia)	691	24	45	Poor	High	Yes
coast live oak (Quercus agrifolia)	692	18	35	Fair	Moderate-Low	No
blue oak (Quercus douglasii)	693	17	35	Good	Moderate-Low	No



## B2: Appraisal Summary

Table 6: Appraisal Summary

Tree Species	Number	Trunk Diameter	Condition	Location	Species Rating	Rounded Value
blue oak (Quercus douglasii)	1	15	75.0%	63.33%	90.00%	\$6,000.00
blue oak (Quercus douglasii)	2	13	75.0%	63.33%	90.00%	\$4,520.00
blue oak (Quercus douglasii)	620	11	75.0%	63.33%	90.00%	\$3,280.00
blue oak (Quercus douglasii)	622	13	75.0%	63.33%	90.00%	\$4,520.00
blue oak (Quercus douglasii)	623	11	75.0%	63.33%	90.00%	\$3,280.00
blue oak (Quercus douglasii)	624	11	75.0%	63.33%	90.00%	\$3,280.00
blue oak (Quercus douglasii)	626	10, 8	50.0%	63.33%	90.00%	\$3,020.00
blue oak (Quercus douglasii)	627	12	75.0%	63.33%	90.00%	\$3,870.00
blue oak (Quercus douglasii)	628	15	50.0%	63.33%	90.00%	\$3,980.00
blue oak (Quercus douglasii)	629	17	75.0%	63.33%	90.00%	\$7,600.00
coast live oak (Quercus agrifolia)	630	12	50.0%	63.33%	90.00%	\$1,560.00
coast live oak (Quercus agrifolia)	634	16, 13, 15,16	75.0%	63.33%	90.00%	\$15,460.00
blue oak (Quercus douglasii)	652	12	50.0%	63.33%	90.00%	\$3,010.00
blue oak (Quercus douglasii)	653	13	50.0%	63.33%	90.00%	\$5,200.00
blue oak (Quercus douglasii)	654	14	75.0%	63.33%	90.00%	\$5,200.00
blue oak (Quercus douglasii)	655	12	75.0%	63.33%	90.00%	\$4,800.00
blue oak (Quercus douglasii)	656	16.5	50.0%	63.33%	90.00%	\$1,420.00
blue oak (Quercus douglasii)	657	7, 11, 10	75.0%	63.33%	90.00%	\$18,750.00
blue oak (Quercus douglasii)	658	21	75.0%	63.33%	90.00%	\$3,870.00
blue oak (Quercus douglasii)	659	12	75.0%	63.33%	90.00%	\$8,500.00
blue oak (Quercus douglasii)	660	12	75.0%	63.33%	90.00%	\$9,500.00
blue oak (Quercus douglasii)	661	18	75.0%	63.33%	90.00%	\$2,580.00
blue oak (Quercus douglasii)	662	19	75.0%	63.33%	90.00%	\$8,500.00
blue oak (Quercus douglasii)	663	12	50.0%	63.33%	90.00%	\$3,870.00
blue oak (Quercus douglasii)	664	18	75.0%	63.33%	90.00%	\$5,700.00
blue oak (Quercus douglasii)	665	12	75.0%	63.33%	90.00%	\$3,480.00



Tree Species	Number	Trunk Diameter	Condition	Location	Species Rating	Rounded Value
blue oak (Quercus douglasii)	666	18	50.0%	63.33%	90.00%	\$910.00
coast live oak (Quercus agrifolia)	667	14	50.0%	63.33%	90.00%	\$3,770.00
blue oak (Quercus douglasii)	668	10, 18	25.0%	63.33%	90.00%	\$8,300.00
blue oak (Quercus douglasii)	669	19	50.0%	63.33%	90.00%	\$720.00
coast live oak (Quercus agrifolia)	670	18, 12, 6, 12	50.0%	63.33%	90.00%	\$12,200.00
blue oak (Quercus douglasii)	671	12	50.0%	63.33%	90.00%	\$6,300.00
blue oak (Quercus douglasii)	675	13, 12	75.0%	63.33%	90.00%	\$12,200.00
coast live oak (Quercus agrifolia)	676	24	25.0%	63.33%	90.00%	\$2,090.00
coast live oak (Quercus agrifolia)	677	19, 20, 18	50.0%	63.33%	90.00%	\$6,700.00
coast live oak (Quercus agrifolia)	678	19, 21, 16, 24	50.0%	63.33%	90.00%	\$11,300.00
blue oak (Quercus douglasii)	679	13	75.0%	63.33%	90.00%	\$2,580.00
blue oak (Quercus douglasii)	680	14	50.0%	63.33%	90.00%	\$2,580.00
blue oak (Quercus douglasii)	681	12	50.0%	63.33%	90.00%	\$5,000.00
blue oak (Quercus douglasii)	682	15	50.0%	63.33%	90.00%	\$5,700.00
blue oak (Quercus douglasii)	690	16	50.0%	63.33%	90.00%	\$4,510.00
coast live oak (Quercus agrifolia)	691	24	25.0%	63.33%	90.00%	\$5,600.00
coast live oak (Quercus agrifolia)	692	18	50.0%	63.33%	90.00%	\$2,980.00
blue oak (Quercus douglasii)	693	17	75.0%	63.33%	90.00%	\$4,510.00



## Appendix C: Photographs

### C1: Existing access



## C2: Building area



### C3: Building area



## C4: Building area



## Appendix D: Tree Protection Guidelines

### Section 29.10.1005. - Protection of Trees During Construction

#### Tree Protection Zones and Fence Specifications

1. **Size and materials:** Six (6) foot high chain link fencing, mounted on two-inch diameter galvanized iron posts, shall be driven into the ground to a depth of at least two (2) feet at no more than ten-foot spacing. For paving area that will not be demolished and when stipulated in a tree preservation plan, posts may be supported by a concrete base.
2. **Area type to be fenced:** Type I: Enclosure with chain link fencing of either the entire dripline area or at the tree protection zone (TPZ), when specified by a certified or consulting arborist. Type II: Enclosure for street trees located in a planter strip: chain link fence around the entire planter strip to the outer branches. Type III: Protection for a tree located in a small planter cutout only (such as downtown): orange plastic fencing shall be wrapped around the trunk from the ground to the first branch with two-inch wooden boards bound securely on the outside. Caution shall be used to avoid damaging any bark or branches.
3. **Duration of Type I, II, III fencing:** Fencing shall be erected before demolition, grading or construction permits are issued and remain in place until the work is completed. Contractor shall first obtain the approval of the project arborist on record prior to removing a tree protection fence.
4. **Warning Sign:** Each tree fence shall have prominently displayed an eight and one-half-inch by eleven-inch sign stating: "Warning—Tree Protection Zone—This fence shall not be removed and is subject to penalty according to Town Code 29.10.1025." Text on the signs should be in both English and Spanish (Appendix E).

#### All persons, shall comply with the following precautions

1. Prior to the commencement of construction, install the fence at the dripline, or tree protection zone (TPZ) when specified in an approved arborist report, around any tree and/or vegetation to be retained which could be affected by the construction and prohibit any storage of construction materials or other materials, equipment cleaning, or parking of vehicles within the TPZ. The dripline shall not be altered in any way so as to increase the encroachment of the construction.
2. Prohibit all construction activities within the TPZ, including but not limited to: excavation, grading, drainage and leveling within the dripline of the tree unless approved by the Director.
3. Prohibit disposal or depositing of oil, gasoline, chemicals or other harmful materials within the dripline of or in drainage channels, swales or areas that may lead to the dripline of a protected tree.
4. Prohibit the attachment of wires, signs or ropes to any protected tree.
5. Design utility services and irrigation lines to be located outside of the dripline when feasible.





6. Retain the services of a certified or consulting arborist who shall serve as the project arborist for periodic monitoring of the project site and the health of those trees to be preserved. The project arborist shall be present whenever activities occur which may pose a potential threat to the health of the trees to be preserved and shall document all site visits.
7. The Director and project arborist shall be notified of any damage that occurs to a protected tree during construction so that proper treatment may be administered.

## Monitoring

Any trenching, construction or demolition that is expected to damage or encounter tree roots should be monitored by the project arborist or a qualified ISA Certified Arborist and should be documented.

The site should be evaluated by the project arborist or a qualified ISA Certified Arborist after construction is complete, and any necessary remedial work that needs to be performed should be noted.

## Root Pruning

Roots greater than two inches in diameter shall not be cut. When roots over two inches in diameter are encountered and are authorized to be cut or removed, they should be pruned by hand with loppers, handsaw, reciprocating saw, or chain saw rather than left crushed or torn. Roots should be cut beyond sinker roots or outside root branch junctions and be supervised by the project arborist. When completed, exposed roots should be kept moist with burlap or backfilled within one hour.

## Boring or Tunneling

Boring machines should be set up outside the drip line or established Tree Protection Zone. Boring may also be performed by digging a trench on both sides of the tree until roots one inch in diameter are encountered and then hand dug or excavated with an Air Spade® or similar air or water excavation tool. Bore holes should be adjacent to the trunk and never go directly under the main stem to avoid oblique (heart) roots. Bore holes should be a minimum of three feet deep.

## Tree Pruning and Removal Operations

All tree pruning or removals should be performed by a qualified arborist with a C-61/D-49 California Contractors License. Treatment, including pruning, shall be specified in writing according to the most recent ANSI A-300A Standards and Limitations and performed according to ISA Best Management Practices while adhering to ANSI Z133.1 safety standards. Trees that need to be removed or pruned should be identified in the pre-construction walk through.



## **Appendix E: Tree Protection Signs**

### **E1: English**

**Warning**  
**Tree Protection Zone**

**This Fence Shall Not Be Removed  
And Is Subject To Penalty According To  
Town Code 29.10.1025**



## E2: Spanish

# Cuidado Zona De Arbol Pretejido

Esta valla no podrán ser sacados  
Y está sujeta a sanción en función de  
Código Ciudad del 29.101025



## Qualifications, Assumptions, and Limiting Conditions

Any legal description provided to the consultant is assumed to be correct. Any titles or ownership of properties are assumed to be good and marketable. All property is appraised or evaluated as though free and clear, under responsible ownership and competent management.

All property is presumed to be in conformance with applicable codes, ordinances, statutes, or other regulations.

Care has been taken to obtain information from reliable sources. However, the consultant cannot be responsible for the accuracy of information provided by others.

The consultant shall not be required to give testimony or attend meetings, hearings, conferences, mediations, arbitration, or trials by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.

This report and any appraisal value expressed herein represent the opinion of the consultant, and the consultant's fee is not contingent upon the reporting of a specified appraisal value, a stipulated result, or the occurrence of a subsequent event.

Sketches, drawings, and photographs in this report are intended for use as visual aids, are not necessarily to scale, and should not be construed as engineering or architectural reports or surveys. The reproduction of information generated by architects, engineers, or other consultants on any sketches, drawings, or photographs is only for coordination and ease of reference. Inclusion of said information with any drawings or other documents does not constitute a representation as to the sufficiency or accuracy of said information.

Unless otherwise expressed: a) this report covers only examined items and their condition at the time of inspection; and b) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that structural problems or deficiencies of plants or property may not arise in the future.



# Certification of Performance

I Richard Gessner, Certify:

That I have personally inspected the tree(s) and/or the property referred to in this report, and have stated my findings accurately. The extent of the evaluation and/or appraisal is stated in the attached report and Terms of Assignment;

That I have no current or prospective interest in the vegetation or the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved;

That the analysis, opinions and conclusions stated herein are my own;

That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted Arboricultural practices;

That no one provided significant professional assistance to the consultant, except as indicated within the report.

That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party, nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any other subsequent events;

I further certify that I am a Registered Consulting Arborist® with the American Society of Consulting Arborists, and that I acknowledge, accept and adhere to the ASCA Standards of Professional Practice. I am an International Society of Arboriculture Board Certified Master Arborist®. I have been involved with the practice of Arboriculture and the care and study of trees since 1998.

Richard J. Gessner



ASCA Registered Consulting Arborist® #496  
ISA Board Certified Master Arborist® WE-4341B  
ISA Tree Risk Assessor Qualified  
CA Qualified Applicators License QL 104230



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August 15, 2019

Erin Walters  
Associate Planner  
Community Development Department  
110 E Main Street  
Los Gatos CA 95030



I was asked to locate and inspect the indicated additional trees down slope on 15365 Santella Court (Appendix A). The trees were to be assessed as part of the visibility analysis to help determine their condition. One tree had previously been labeled #244 “blue oak” which is in fact a 36 inch trunk diameter coast live oak (*Quercus agrifolia*).

I tried to locate the trees based on the provided map but the area is very dense with poison oak (*Toxicodendron diversilobum*) and is nearly impenetrable without a machete and/or Tyvek suit.

The area where the trees are located to the northeast is a dense stand of coast live oaks (*Quercus agrifolia*). The composition of plants are typical for this area and there are the usual oak woodland species such as poison oak, manzanita (*Arctostaphylos sp.*), and coyote brush (*Baccharis pilularis*). The majority of trees are naturally occurring coast live oaks, most with multiple trunks approximately 8-10 inches in diameter, and are about 25 to 35 feet tall with 25 to 35 foot canopy diameters. This stand of trees along the northeast portion of the site is in good condition with dense crowns and normal foliar color and size (Appendix B). Along the northwest portion there were three trees on the lower slope indicated in the plan which are all blue oak (*Quercus douglasii*) with trunk diameters about 10 to 12 inches and are approximately 30 feet tall with crown diameters of about 30 feet. These trees are in fair to good condition growing amongst the stand indicated as #1 and #2 in my original report.

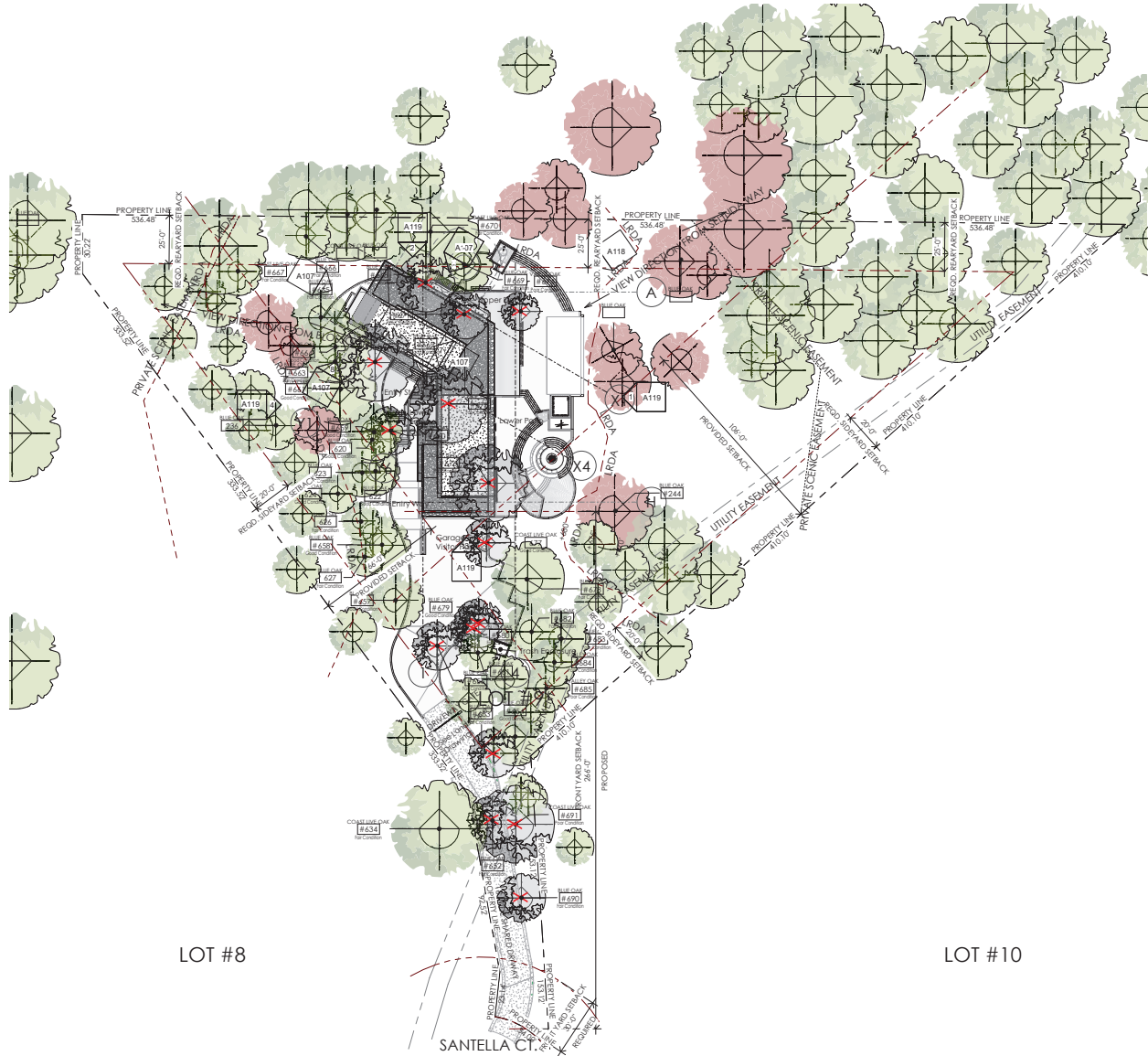
Richard J. Gessner

ASCA Registered Consulting Arborist® #496  
ISA Board Certified Master Arborist® WE-4341B  
ISA Tree Risk Assessor Qualified  
CA Qualified Applicators License QL 104230



# Appendix A: Aerial image provided for assessment

Snapshot not to scale from A120 dated October 19, 2018 provided by Srusti Architecture. The trees in pink are indicated in this report.



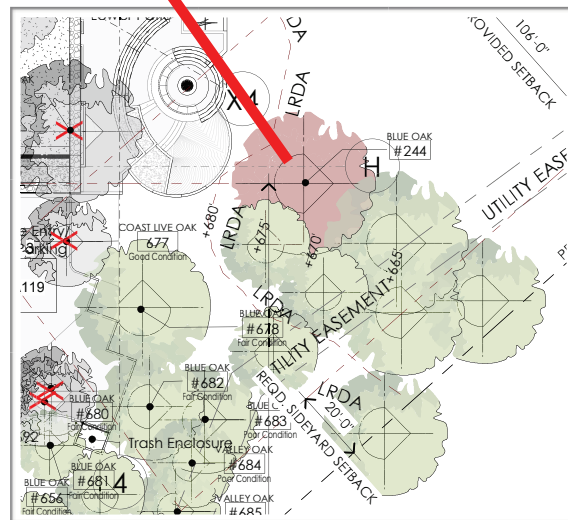
1 Site Plan with missing arborist information  
1" = 30'-0"



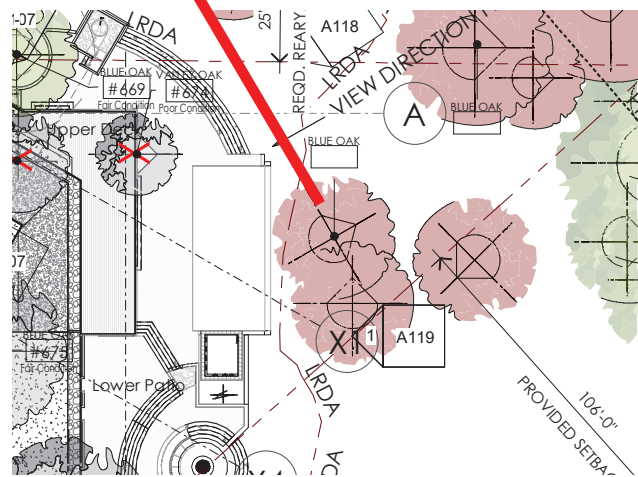


# Appendix B: Photographs

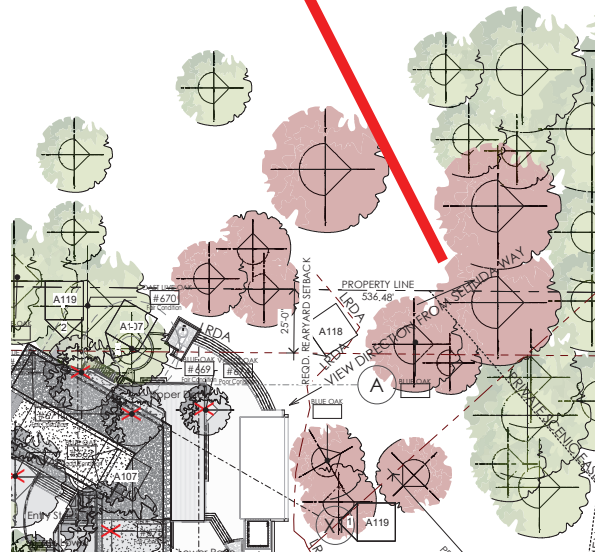
## B1: Tree 244



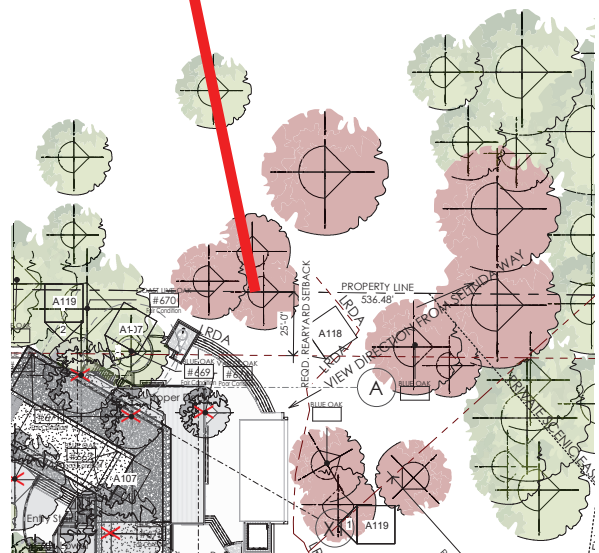
## B2: Oaks along the west side



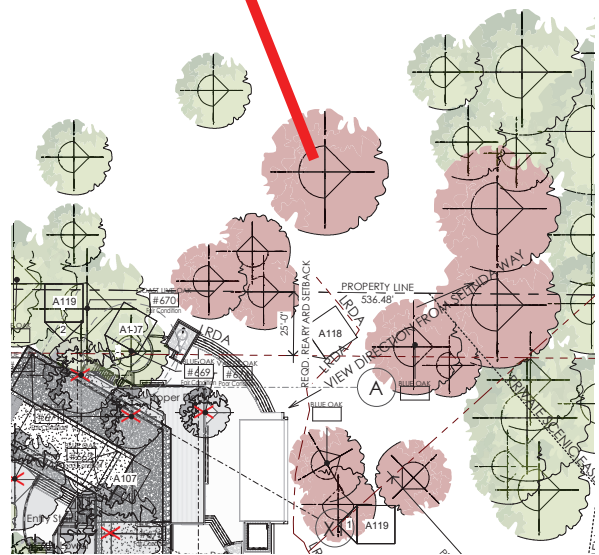
### B3: Northeast area



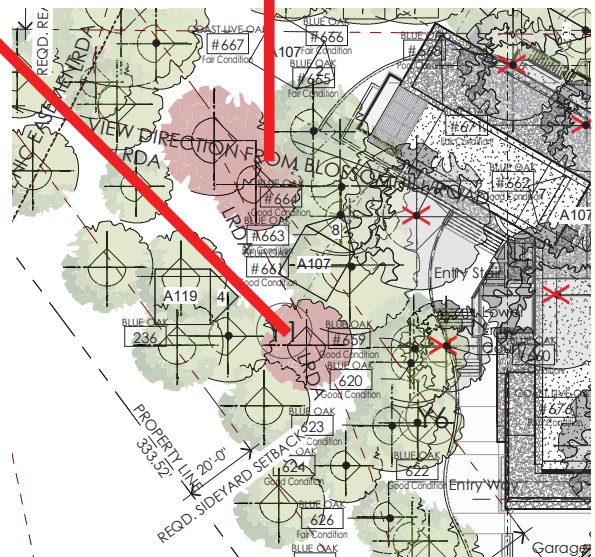
### B4: North side beyond the fence

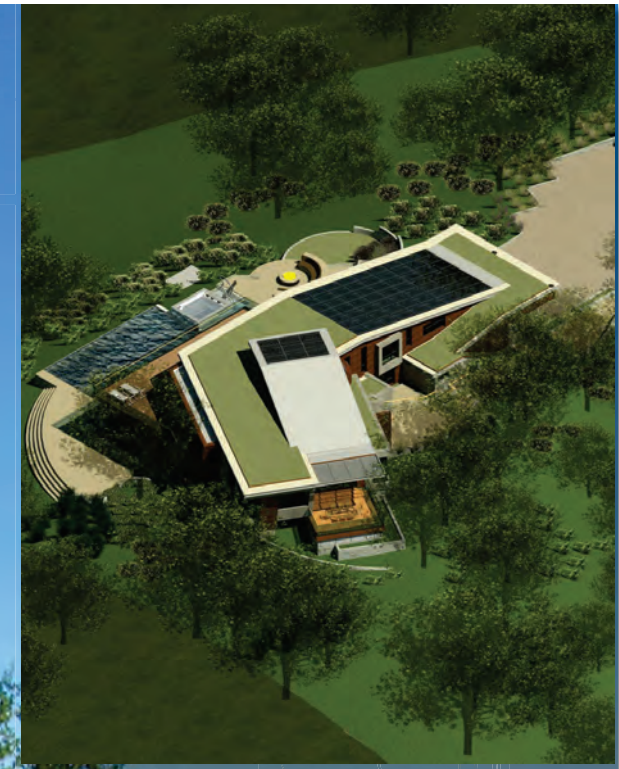


### B5: North side down slope



### B6: Blue oaks west side





(408) 507 8138 www.srustiarchitects.com

# OLGAARD RESIDENCE

## Existing Site Conditions & Visibility / Tree Screening Analysis

Srusti Architects

➤ Blossom Hill/LG Blvd. and Selinda Way/LG Almaden Rd. viewing areas were identified as the nearest to the project from where the home could be potentially seen.

www.srustiarchitects.com (408) 507 8138



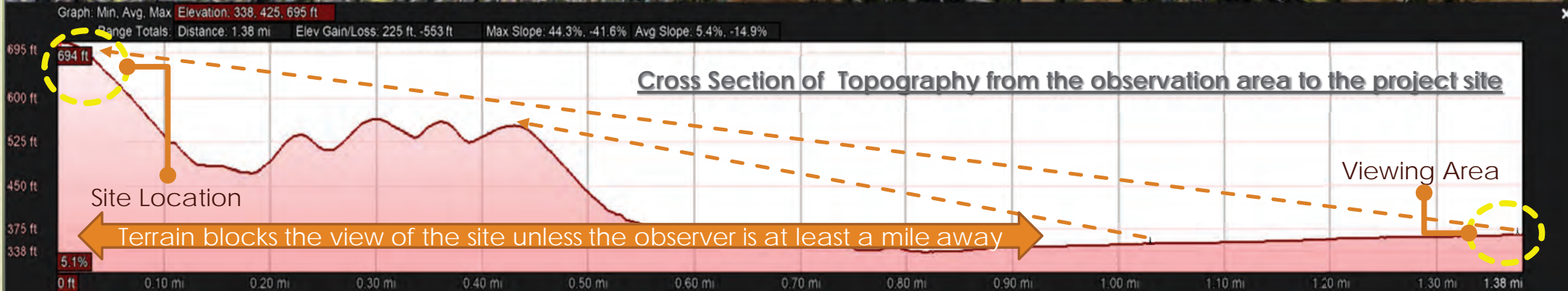
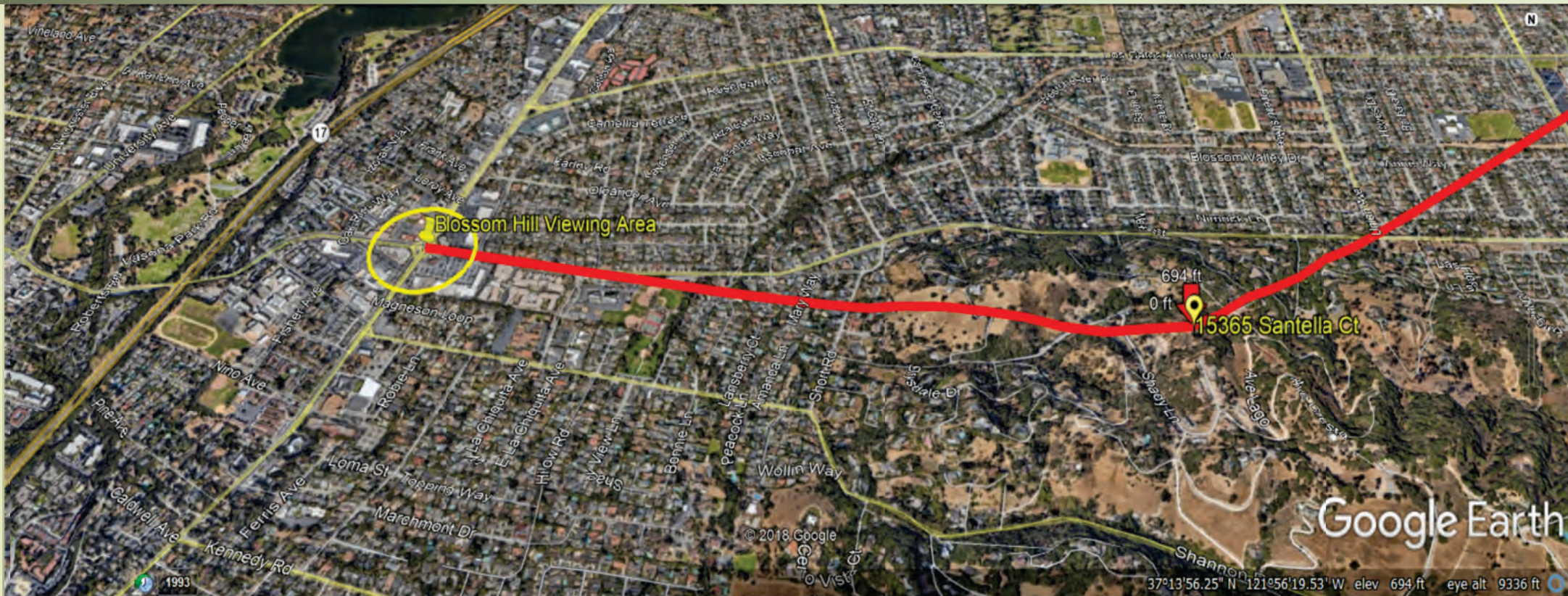
OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
15365 Santella Court-Los Gatos-CA 95032



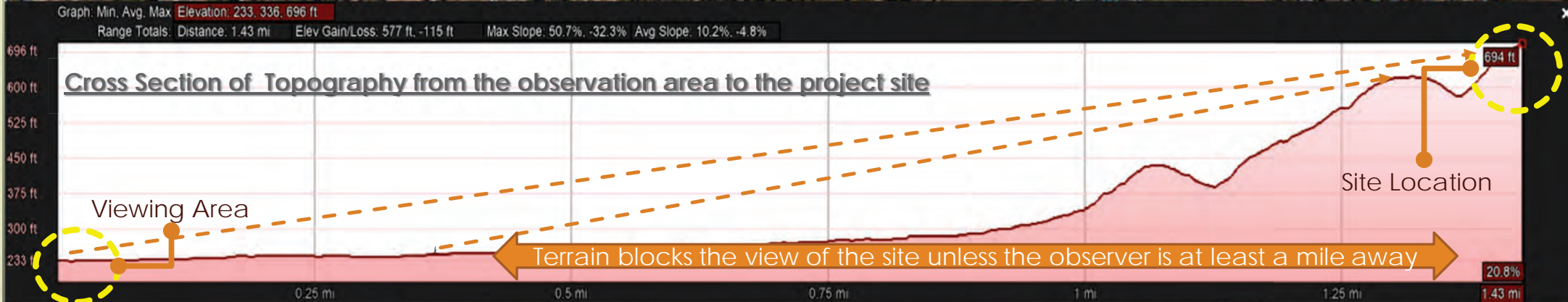
12/9/2019



- Blossom Hill/LG Blvd. viewing Area is about 1.36 miles away & 316 feet lower than project site



- Selinda Wy/LG Almaden Rd. viewing Area is about 1.43 miles away & 462 feet lower than project site



- ▶ Project site seen with a naked eye (50 mm lens), 500 feet closer from Blossom Hill /LG Blvd intersection.



- ▶ Project site seen with a telephoto (300 mm) lens, 500 feet closer from Blossom Hill /Los Gatos Blvd intersection, when story poles were installed.



Site Location

► Project site seen with a naked eye (50 mm lens) at Blossom Hill /LG Blvd intersection.



- ▶ Project site seen with a telephoto (300 mm) lens from Blossom Hill /Los Gatos Blvd intersection, when story poles were installed.



- Project site seen with a naked eye (50 mm lens), 500 feet away from Blossom Hill /LG Blvd intersection.



- ▶ Project site seen with a telephoto (300 mm) lens, 500 feet away from Blossom Hill /Los Gatos Blvd intersection, when story poles were installed.





- ▶ Project site seen with a naked eye (50 mm lens), 500 feet closer from Selinda Way/LG Almaden Rd. intersection.



- ▶ Project site seen with a telephoto (300 mm) lens, 500 feet closer from Selinda Way/LG Almaden Rd. intersection.



► Project site seen with a naked eye (50 mm lens) at Selinda Way/LG Almaden Rd. intersection. This picture was taken at Lee Highschool fence (near the observation area) to get a clear view of the site

Site Location



Project site seen with a telephoto (300 mm) lens, from Selinda Way/LG Almaden Rd. intersection. This picture was taken at Lee Highschool fence (near the observation area) to get a clear view of the site.

Site Location



- ▶ Project site seen with a naked eye (50 mm lens) 500 feet away from Selinda Way/LG Almaden Rd. intersection.



Srusti Architects (408) 507 8138 www.srustiarchitects.com



Project Site Photographs from Viewing Areas

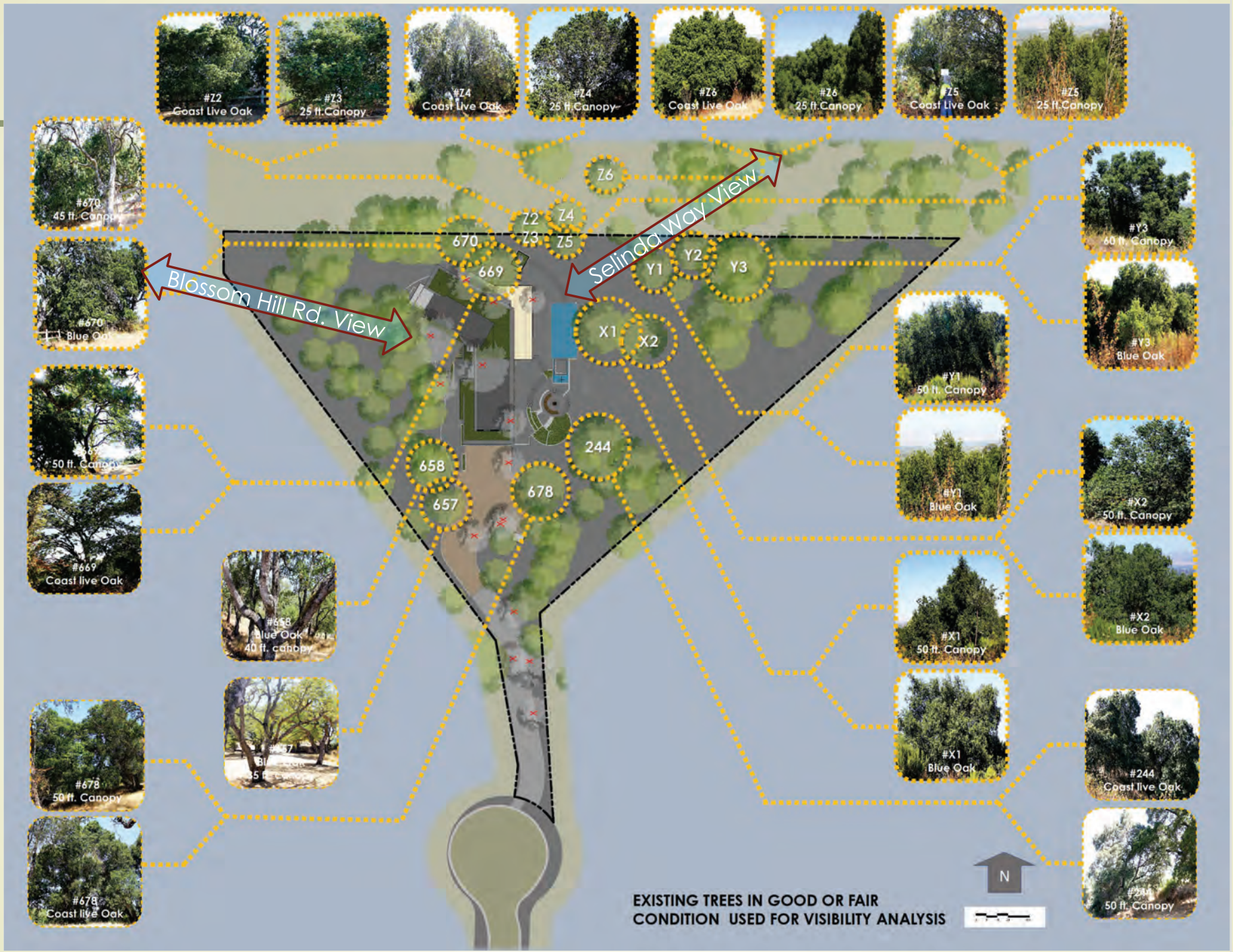
Project site seen with a telephoto (300 mm) lens, 500 feet away from Selinda Way/LG Almaden Rd. intersection.

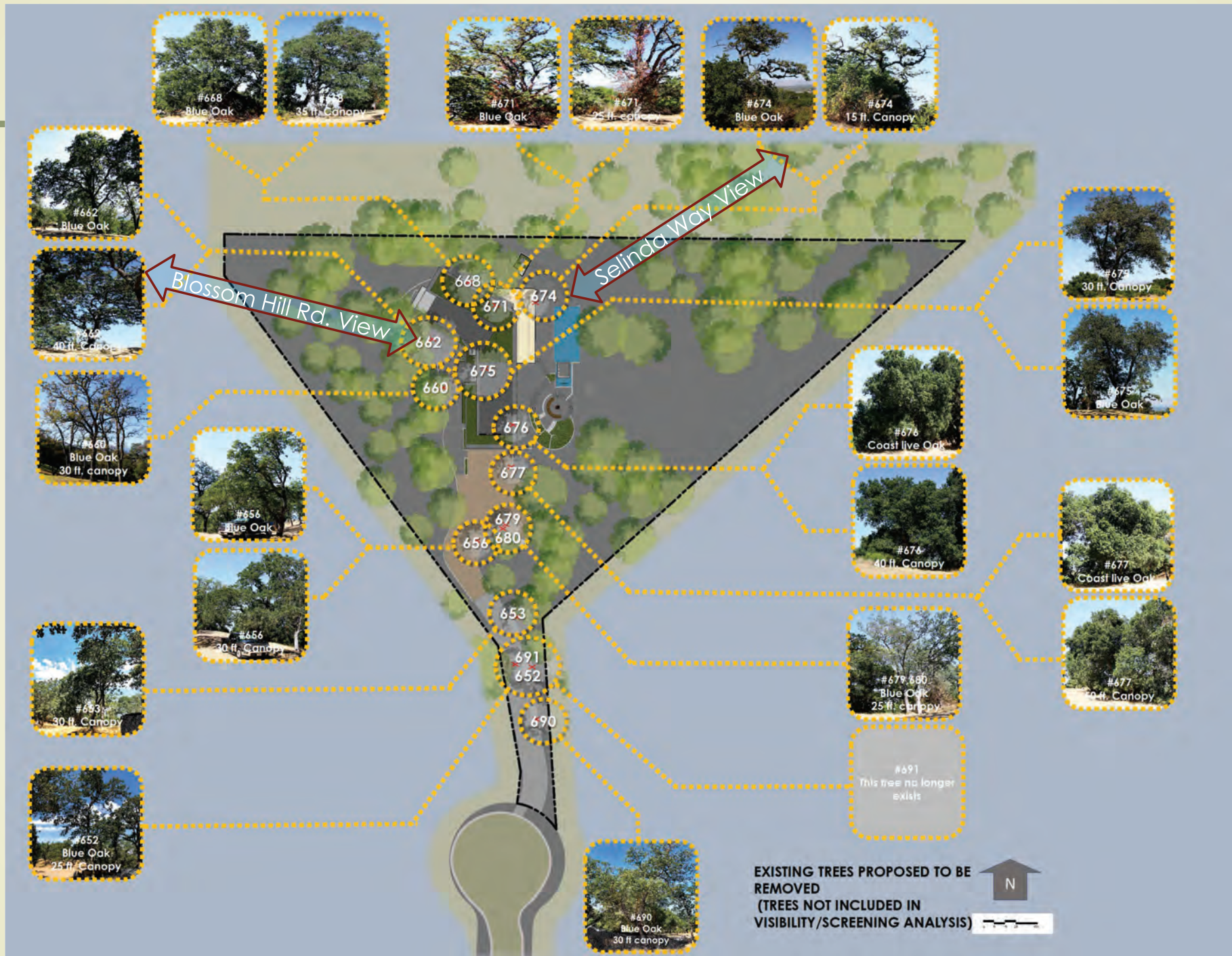


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Project Site Photographs from Viewing Areas







Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

- Z6
- Y3
- Y2
- Z5
- Y1
- X2
- 244
- 685
- 684
- 679  
680
- 656
- 678
- 677
- 676
- 675
- 661



- 663
- 664
- 662
- X1
- 669
- 668
- 670
- Z4
- Z2  
Z3



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Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

- 658
- 677
- 622
- 675
- 674
- 671
- 668
- 670
- 669
- Z2  
Z3
- Z4
- Z6
- Z5
- Y1
- Y2
- X1
- X2



- Y3
- 676
- 244
- 678
- 679
- 680
- 656
- 657



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Building  
Outline

Existing Grade  
+694'0"

Roofline  
+710'0"



Due to dense healthy tree cover & only a few trees proposed to be removed, 0% of the home surface would be seen from Blossom Hill Observation Area

**Area of Visible Home = 0 sf = 0%**

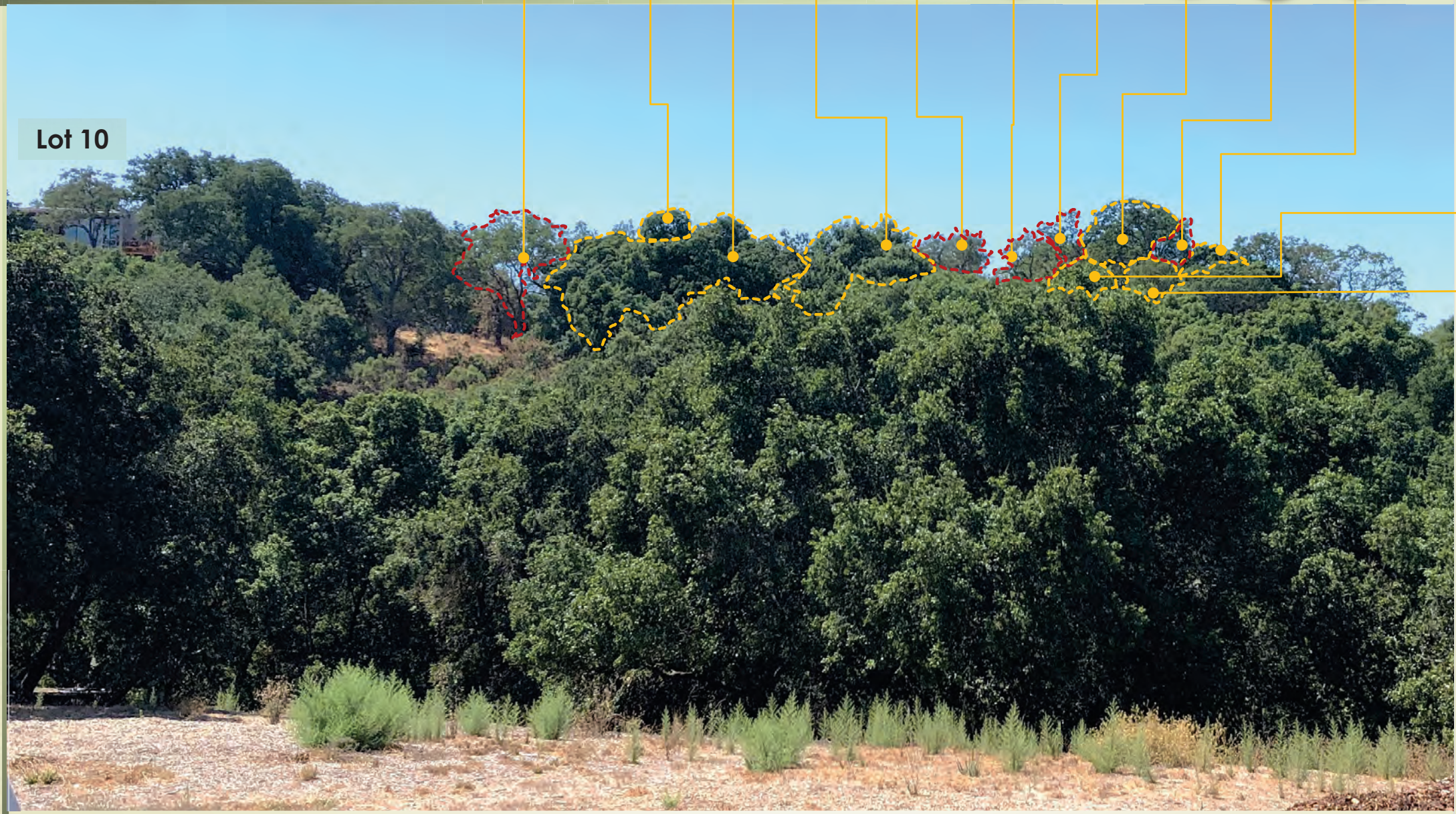
- 670
- 669
- 668  
671
- 661  
663  
664
- 662
- 675  
660
- 622  
624  
626
- 676  
677
- 626



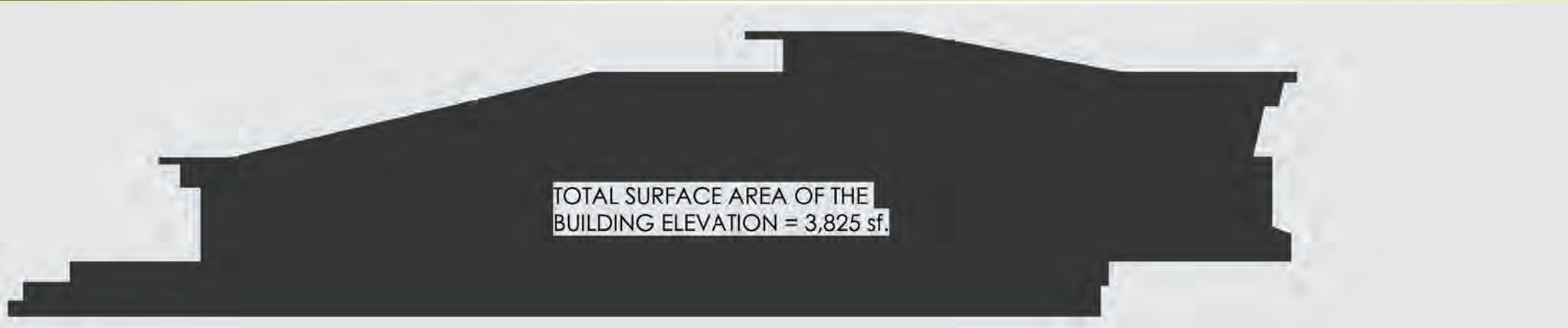
► Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

- 679  
680
- 678
- 244
- X1
- 675
- 674
- 671
- 669
- 668
- 670

Lot 10



- Z6
- Z4





Existing Grade  
+694'0"

Roofline  
+710'0"





**Building Area**  
3,825 sf.

**Building Area seen**  
917 sf. < 24%

**Existing Grade**  
+694'0"

**Roofline**  
+710'0"





Total surface area of the building elevation = 3,825 sf.

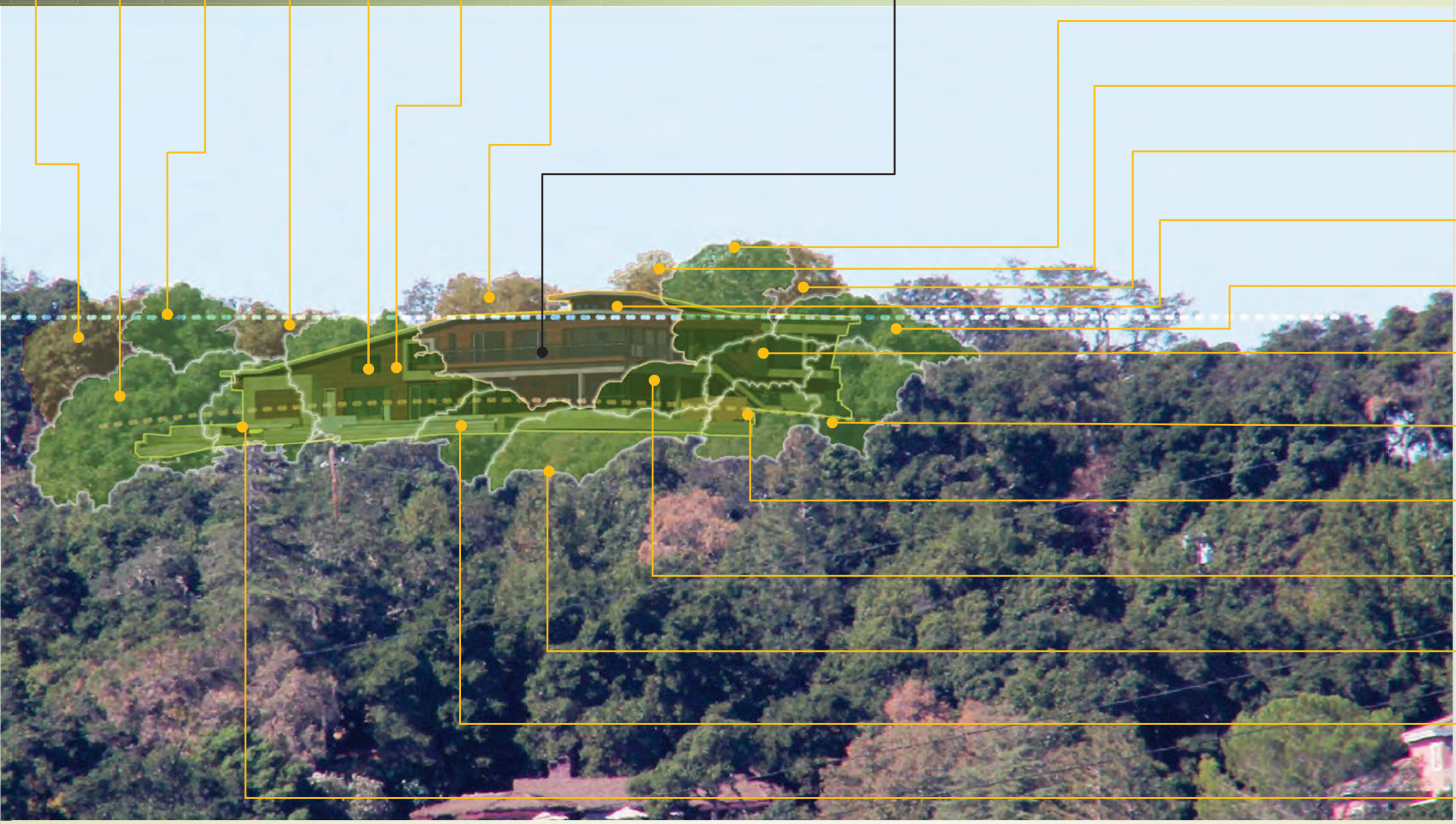
Area of Visible Home = 917 sf = 24%

- 679  
680
- 244
- 678
- 677
- X2
- X1
- 675

Building area seen after tree removal  
917 sf. < 24%

- 669
- 671
- 668
- 674
- 670
- Z2  
Z3
- Trees below 670
- Z6
- Z4  
Z5
- Trees below 674
- Y1  
Y2
- Y3

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➤ Unless the observer is at least a mile away from the site, it cannot be seen. Given that distance one cannot distinguish the home with a naked eye. This home with low LRV surface material values, even when seen with 300 mm telephoto lens, it will have very little impact to the hillside views, from Selinda Way viewing area.



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Rendering of the home seen by 300 mm lens

Re: Olgaard Residence- Neighborhood Outreach for the Proposed Design  
Site Address:15365 Santella Court; APN: 527-09-036. Architecture & Site Application# S-18-052.

Date:  
Nov 18, 2019

Dear Planning Commissioners  
Community Development Department.  
Town of Los Gatos

Below is the summary of neighborhood outreach.  
We have communicated with neighbors on all adjacent properties and sent them the drawings for review. They are

- Rizwan Ahmed on Lot # 8,15371 Santella Ct.
- Luis Felipe Visoso Lomelin on Lot #10, 15358 Santella Ct.
- Tina and Eldon Mayer at Lot #4, 15657 Shady Lane.
- Mark Russell at 15500 Francis Oaks way.

All of them received the design drawings and did not express any concerns regarding the project design. We have attached all neighborhood notification letters we received so far.

Sincerely



Hari Sripadanna AIA C-30730

 [Srusti Architects](http://www.srustiarchitects.com)

P - 408-507-8138 [hari@srustiarchitects.com](mailto:hari@srustiarchitects.com)  
We collaborate to create sustainable spaces.  
[www.srustiarchitects.com](http://www.srustiarchitects.com)

Secretary – Design Review Committee


**NEIGHBOR ACKNOWLEDGMENT:** I have reviewed the plans of Olgaard Residence  
and am aware of all their proposed alterations/improvements shown on the attached plan.

LOT NO.	NAME (PRINT)	SIGNATURE	PHONE NO.	DATE
8	Rizwan Ahmed	<i>Rizwan Ahmed</i>	408-667-6503	09/18/2019

Please forward Home Improvement Request Application and two sets of plans to:

**LOS GATOS HIGHLANDS  
MAINTENANCE CORPORATION**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

  
\_\_\_\_\_  
Signature of Applicant

Secretary – Design Review Committee

**NEIGHBOR ACKNOWLEDGMENT:** I have reviewed the plans of Olgaard Residence  
and am aware of all their proposed alterations/improvements shown on the attached plan.

LOT NO.	NAME (PRINT)	SIGNATURE	PHONE NO.	DATE
10	Luís Visoso	<i>Luís Visoso</i>	408-6056798	9/20/2019

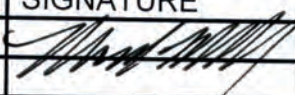
Please forward Home Improvement Request Application and two sets of plans to:

LOS GATOS HIGHLANDS  
MAINTENANCE CORPORATION

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Signature of Applicant

**NEIGHBOR ACKNOWLEDGMENT:** I have reviewed the plans of Olgaard Residence and am aware of all their proposed alterations/improvements shown on the attached plan.

LOT NO.	NAME (PRINT)	SIGNATURE	PHONE NO.	DATE
	Mark Russell		408 316 5311	9-27-19

Please forward Home Improvement Request Application and two sets of plans to:

**LOS GATOS HIGHLANDS  
MAINTENANCE CORPORATION**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

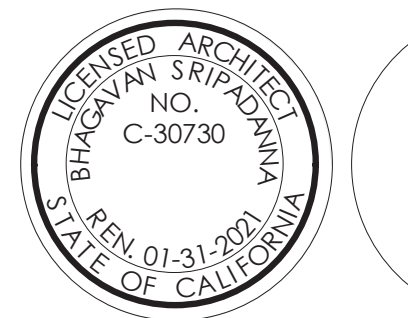
\_\_\_\_\_  
Signature of Applicant



# OLGAARD RESIDENCE

(APN): 527-09-036.  
15365 SANTELLA COURT,  
LOS GATOS CALIFORNIA 95032

PLANNING DEPARTMENT DEVELOPMENT APPLICATION



ARCHITECT:  
HARI SRIPADANNA AIA LEED AP  
SRUSTI ARCHITECTS  
18524 MONTEPERE WAY  
SARATOGA CA 95070  
PHONE:(408) 507 8138

## Olgaard Residence

15365 Santella Court,  
Los Gatos, CA 95032

OWNER:  
Christian & Helen Olgaard

PROJECT NO: 1062018  
DRAWN BY: Author  
CHECKED BY: Checker  
Planning Submittal 01: Oct 19 2018  
Planning Backcheck Submittal 02: June 12 2019  
Planning Backcheck Submittal 03: Sep 16 2019  
Planning Backcheck Submittal 04: Oct 25 2019  
HOA Backcheck Submittal 04: Nov 01 2019  
Planning Backcheck Submittal 04: Nov 15 2019

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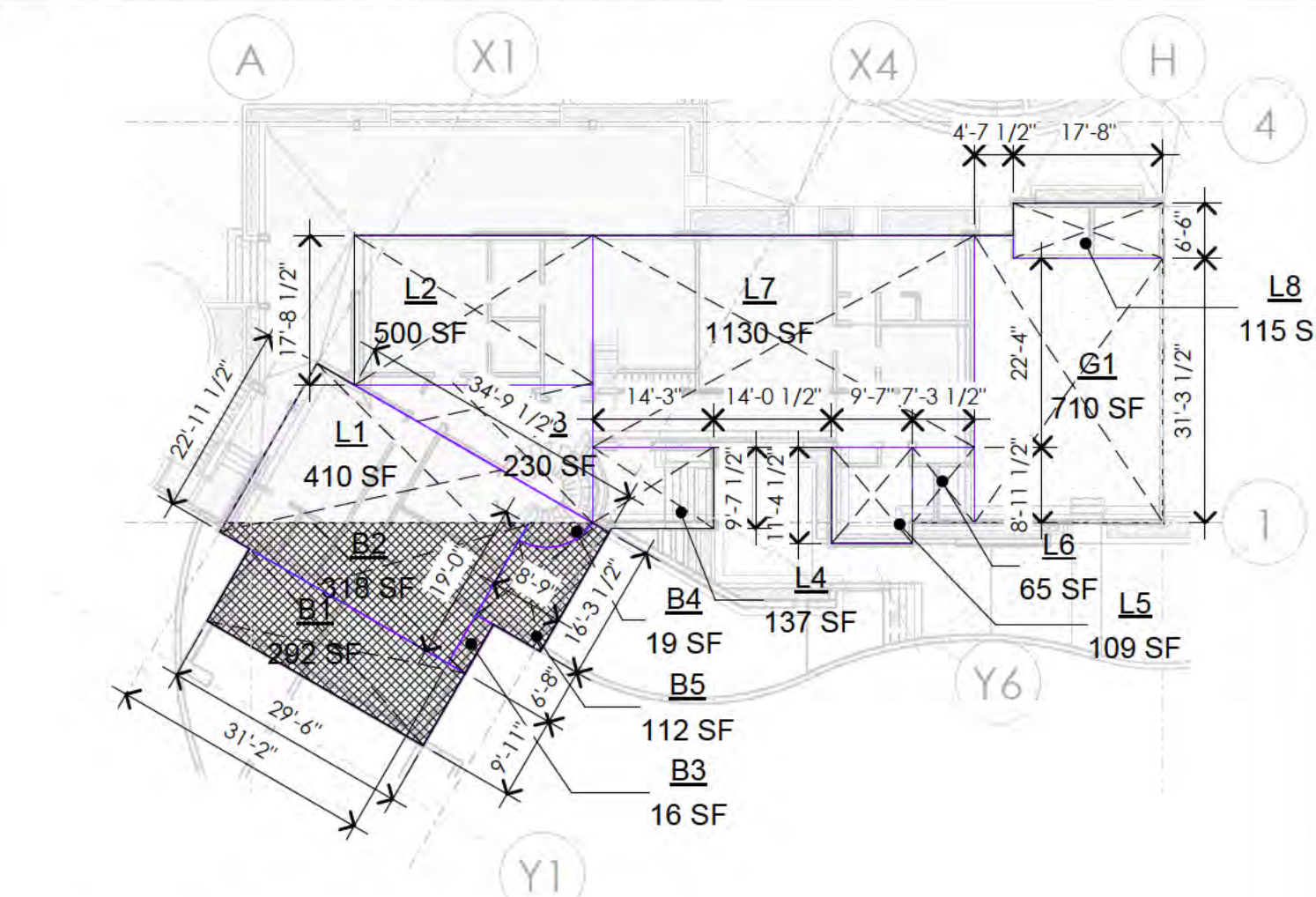
SHEET TITLE

Title Sheet

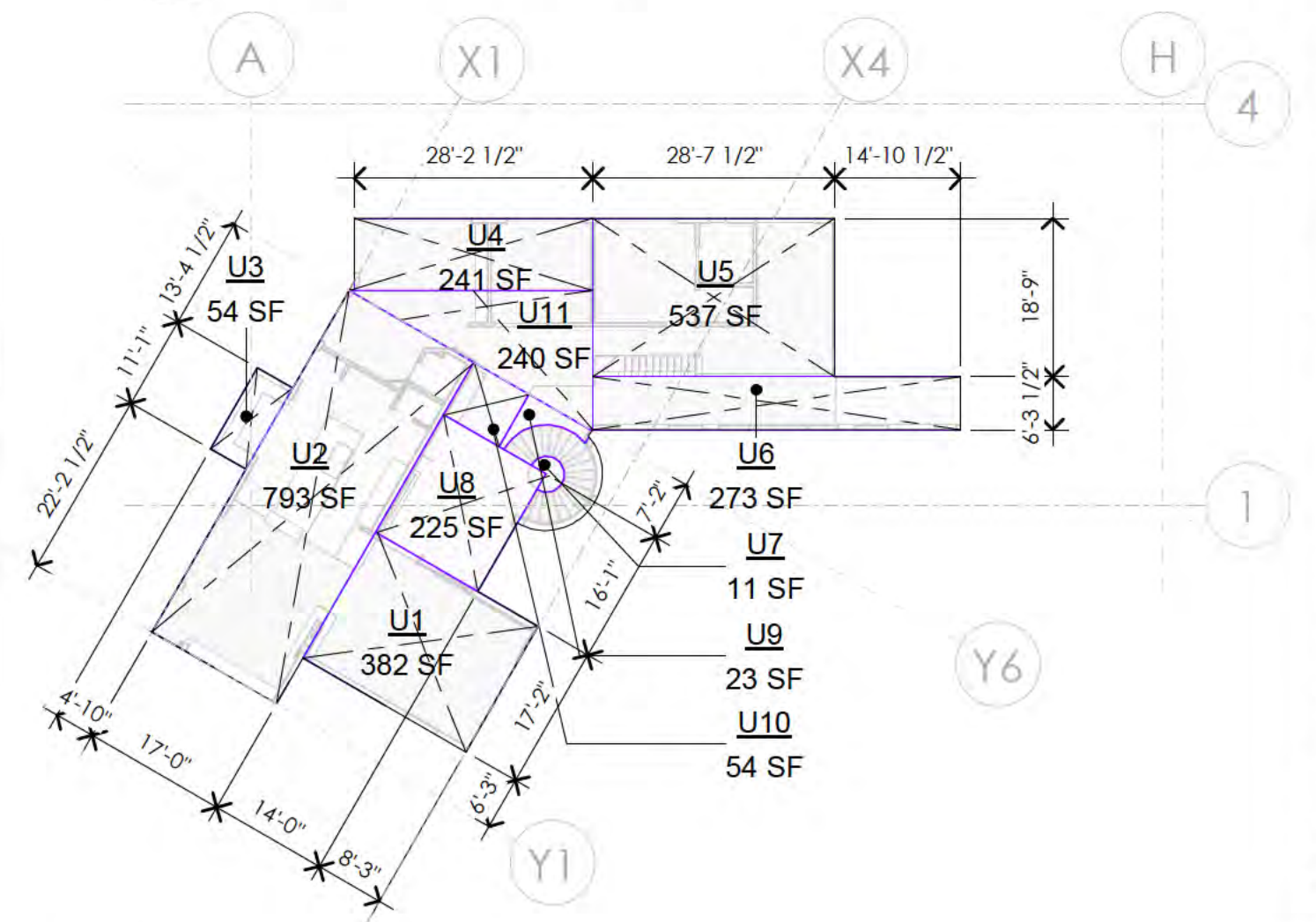
**A000**

SHEET OF

FLOOR AREA CALCULATION DIAGRAM



Lower Level Floor Area Calculation Diagram



Upper Level Floor Area Calculation Diagram

DEVELOPMENT OF A NEW, TWO LEVEL, SINGLE FAMILY DWELLING

OLGAARD RESIDENCE

(APN): 527-09-036. Address: Lot 9, 15365 Santella Court, Los Gatos CA 95032

Allowable Floor Area & Calculation Table with columns for Name, Area, and Comments.

Garage Floor Area & Calculation Table with columns for Name, Area, and Comments.

Garage Floor Area Exemption 400.00 SF. Remaining Garage Floor Area after Exemption= 310.44 SF. PROPOSED TOTAL ALLOWABLE FLOOR AREA=5529.07+310.44= 5,840 SF.

Basement Floor Area & Calculation Table with columns for Name, Area, and Comments.

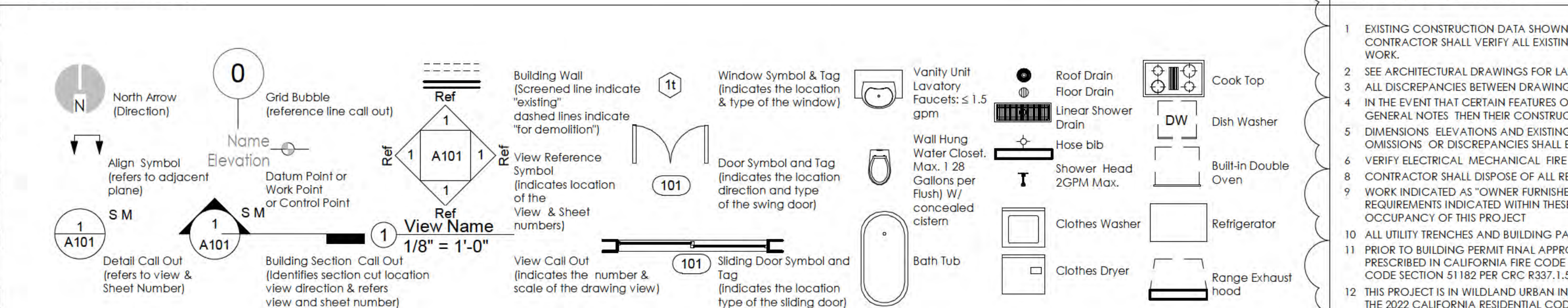
PROJECT DIRECTORY

Table listing project roles: OWNER, ARCHITECT, STRUCTURAL ENGINEER, LANDSCAPE ARCHITECT, CIVIL ENGINEER, MECH. & PLUMB. ENGINEER, ELECTRICAL ENGINEER, LEED CONSULTANT.

ABBREVIATIONS

Table of abbreviations and their meanings, organized by category such as FINISH FLOOR, STRUCTURAL, etc.

SYMBOL LEGEND



PROJECT DESCRIPTION

The Project scope involves site development, design and construction of a two level 4 bed 4 1/2 bath and 3 car garage single family dwelling of 6285 sf floor area on a 2 acre hill side vacant lot.

PROPERTY & BUILDING DIMENSIONAL COMPLIANCE

Table with project details: ZONING, ASSESSOR PARCEL NUMBER, ADDRESS, CONSTRUCTION, OCCUPANCY TYPE.

Table with columns: BUILDING DATA, REQ'D/ALLOWED, PROPOSED. Lists various building metrics like GROSS LOT SIZE, DRIVEWAY PORTION, etc.

Fire sprinkler system (NFPA 13-D 2016 Addition Standard) shall be installed throughout the entire structure under a separate permit.

APPLICABLE BUILDING CODES

The Current Codes, as amended & adopted by the Town of Los Gatos as of January 1, 2023, are the 2022 California Building Standards Code, California Code of Regulations Title 24, Parts 1-12, as listed below.

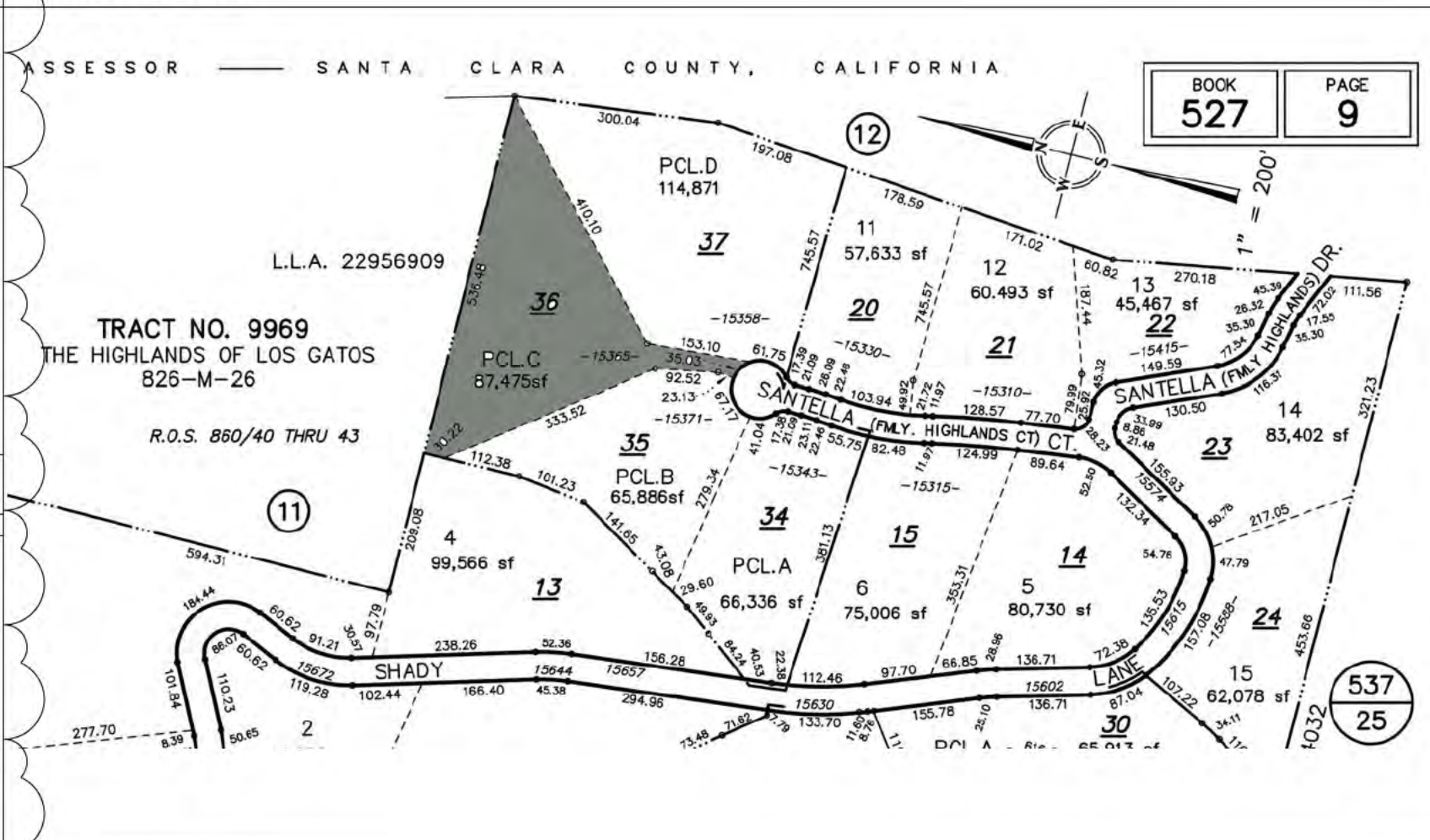
SEPERATE REQUIRED SUBMITTALS

- 1. Fire sprinkler system (NFPA 13-D 2016 Addition Standard) shall be installed throughout the entire structure under a separate permit.
2. Contractor shall furnish the design and construction and installation of an approved fire sprinkler system.
3. All labor materials, valves, equipment and services necessary to complete the project shall be included.

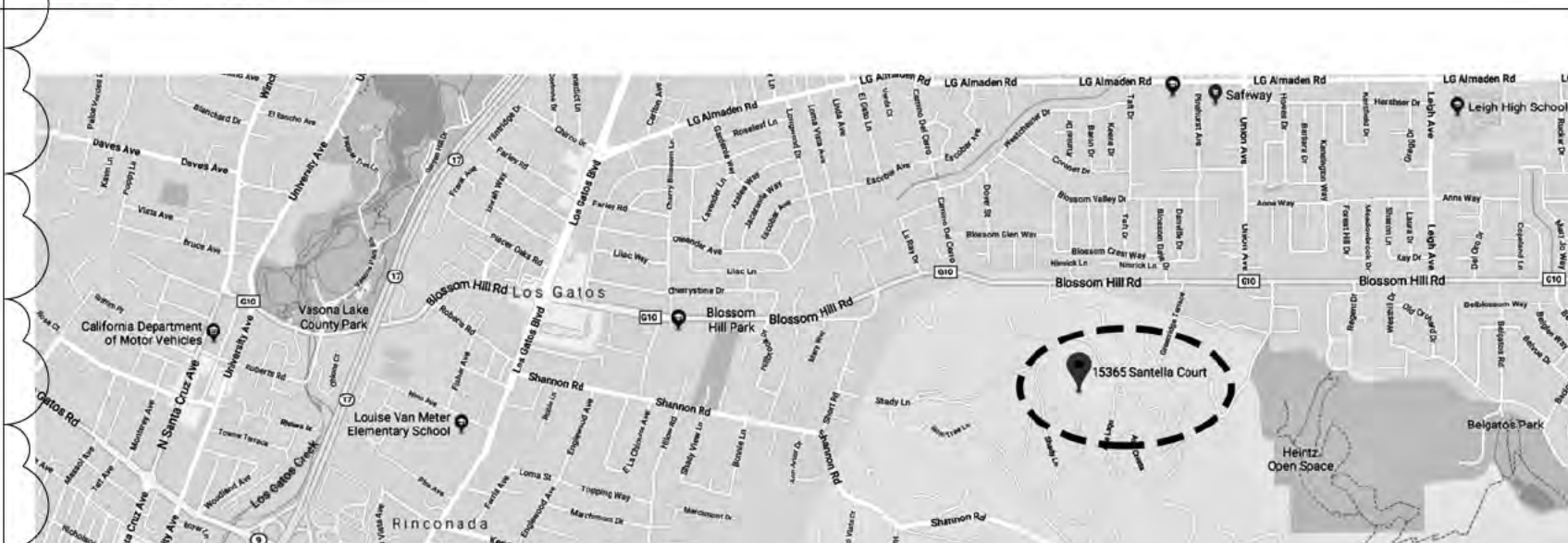
GENERAL NOTES

- 1. EXISTING CONSTRUCTION DATA SHOWN ON THE DRAWINGS WAS OBTAINED FROM AVAILABLE DRAWINGS AND FIELD MEASUREMENTS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE ARCHITECT OF ALL EXCEPTIONS BEFORE PROCEEDING WITH THE WORK.
2. SEE ARCHITECTURAL DRAWINGS FOR LAYOUT DIMENSIONS AND ELEVATIONS EXCEPT WHERE INDICATED OTHERWISE.
3. ALL DISCREPANCIES BETWEEN DRAWINGS SHALL BE CLARIFIED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.

PARCEL MAP



VICINITY MAP



Srusti Architects logo and contact information: We collaborate to create sustainable spaces. 408-507-8138. info@srustifirstarchitects.com

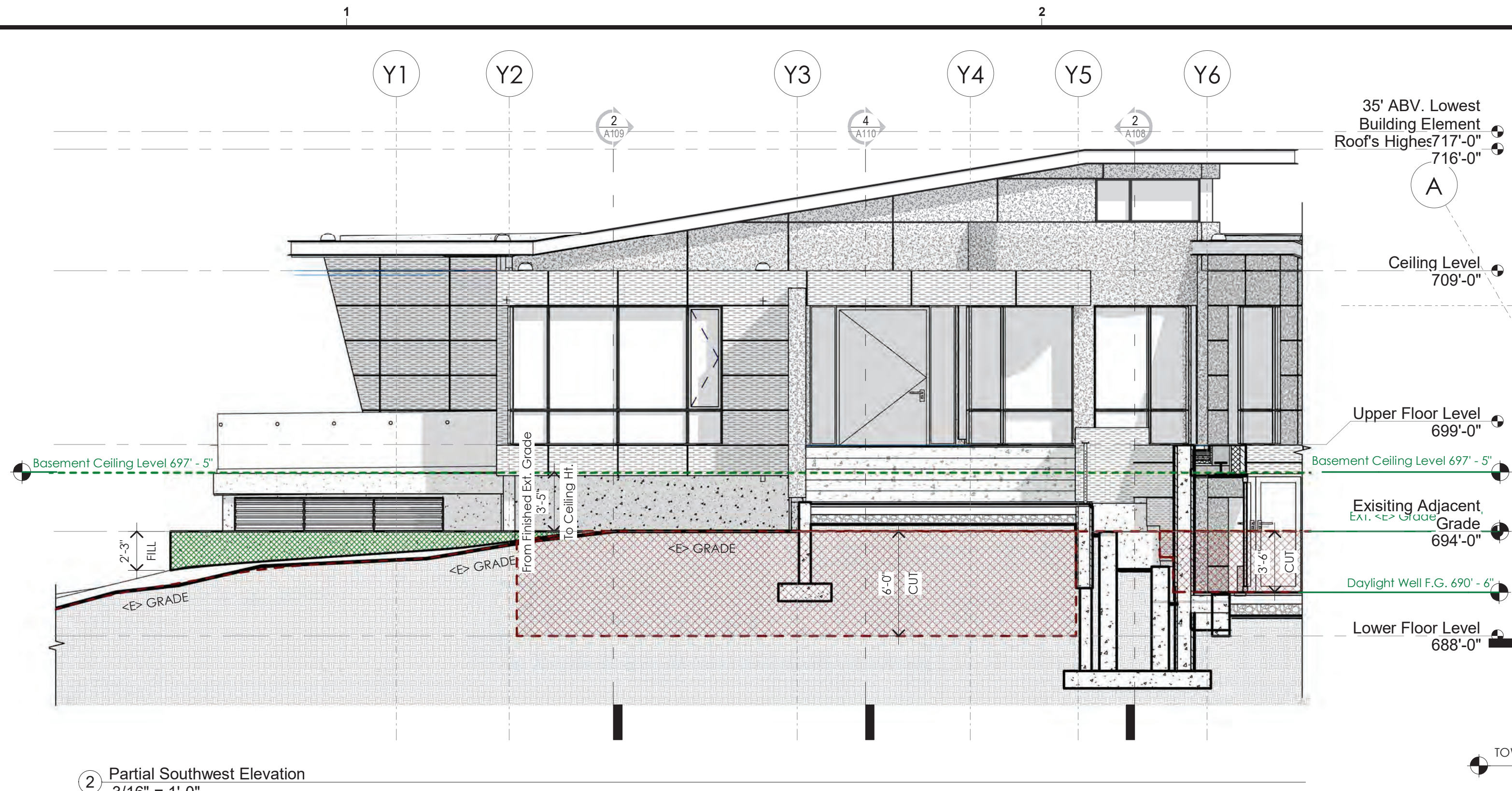
Professional seals for ARCHITECT (HARI SRIPADANNA AIA LEED AP) and DESIGN DOCUMENTS (ISSUED ON January 31, 2024).

Project information: ARCHITECT: HARI SRIPADANNA AIA LEED AP, SRUSTI ARCHITECTS. 15365 Santella Court, Los Gatos, CA 95032. OWNER: Christian & Helen Olgaard.

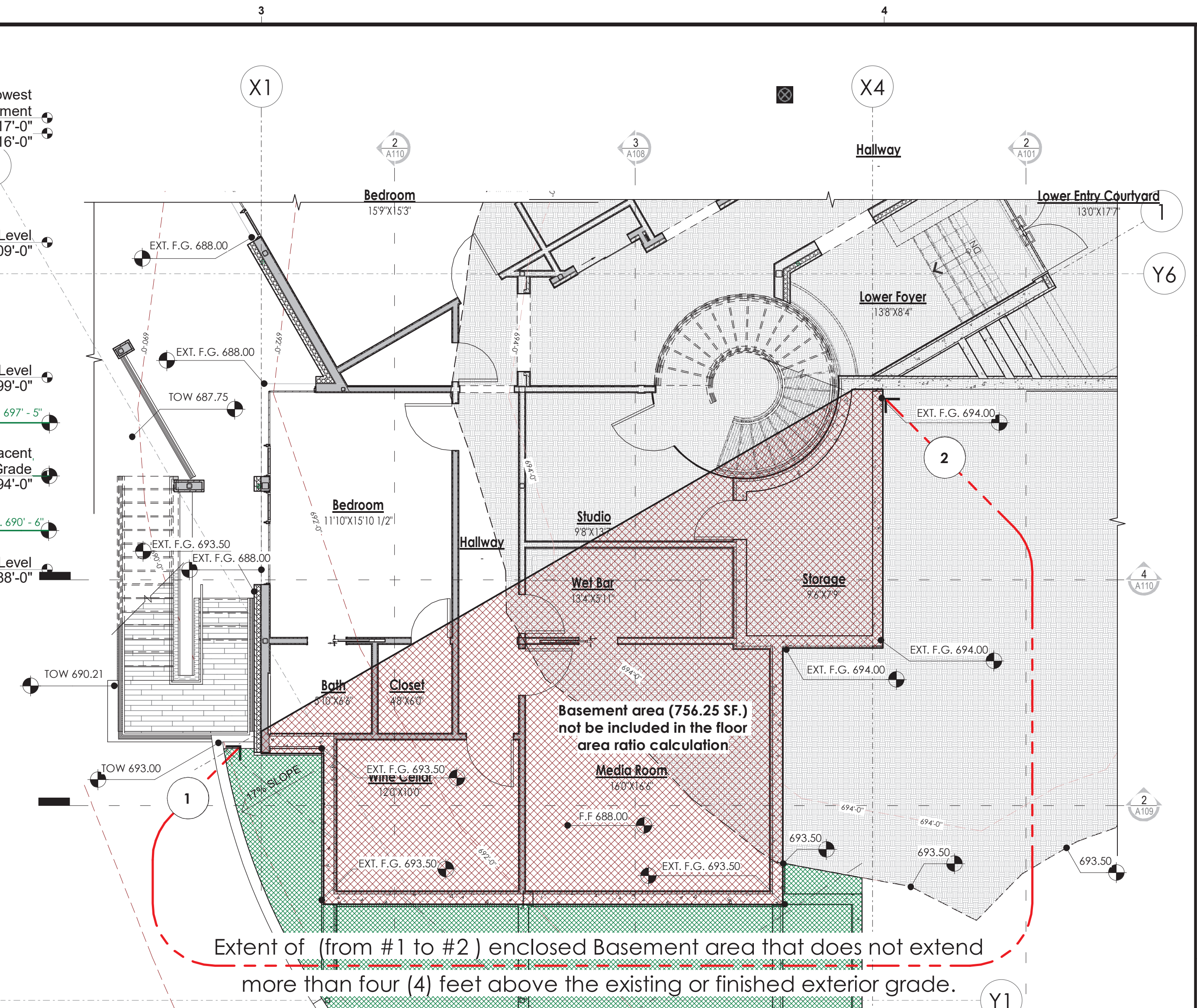
Project tracking information: PROJECT NO: 1062018, DRAWN BY: Author, CHECKED BY: Checker, Planning Backcheck Submittal 01: Oct 19 2018, etc.

Project Data Sheet header: SHEET TITLE: Project Data Sheet, SHEET: A100, OF: 9.

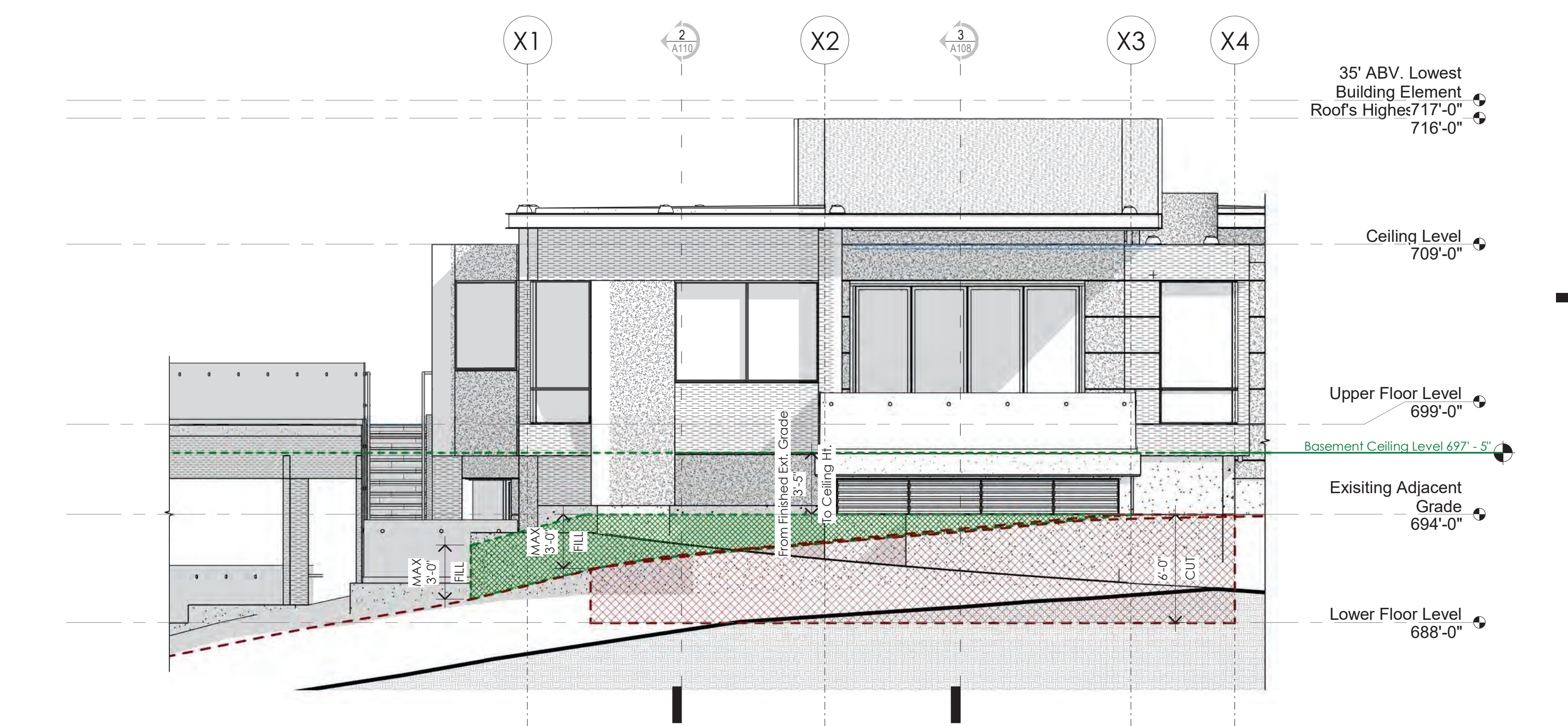




2 Partial Southwest Elevation  
 3/16" = 1'-0"



1 Enlarged Basement Floor Plan  
 3/16" = 1'-0"



3 Partial Northwest Elevation  
 3/16" = 1'-0"

**LEGEND**

FILL

CUT



ARCHITECT:  
 HARI SRIPADANNA AIA LEED AP  
 SRUSTI ARCHITECTS  
 18524 MONTERE WAY  
 SARATOGA CA 95070  
 PHONE: (408) 507 8138

**Olgaard Residence**

15365 Santella Court,  
 Los Gatos, CA 95032

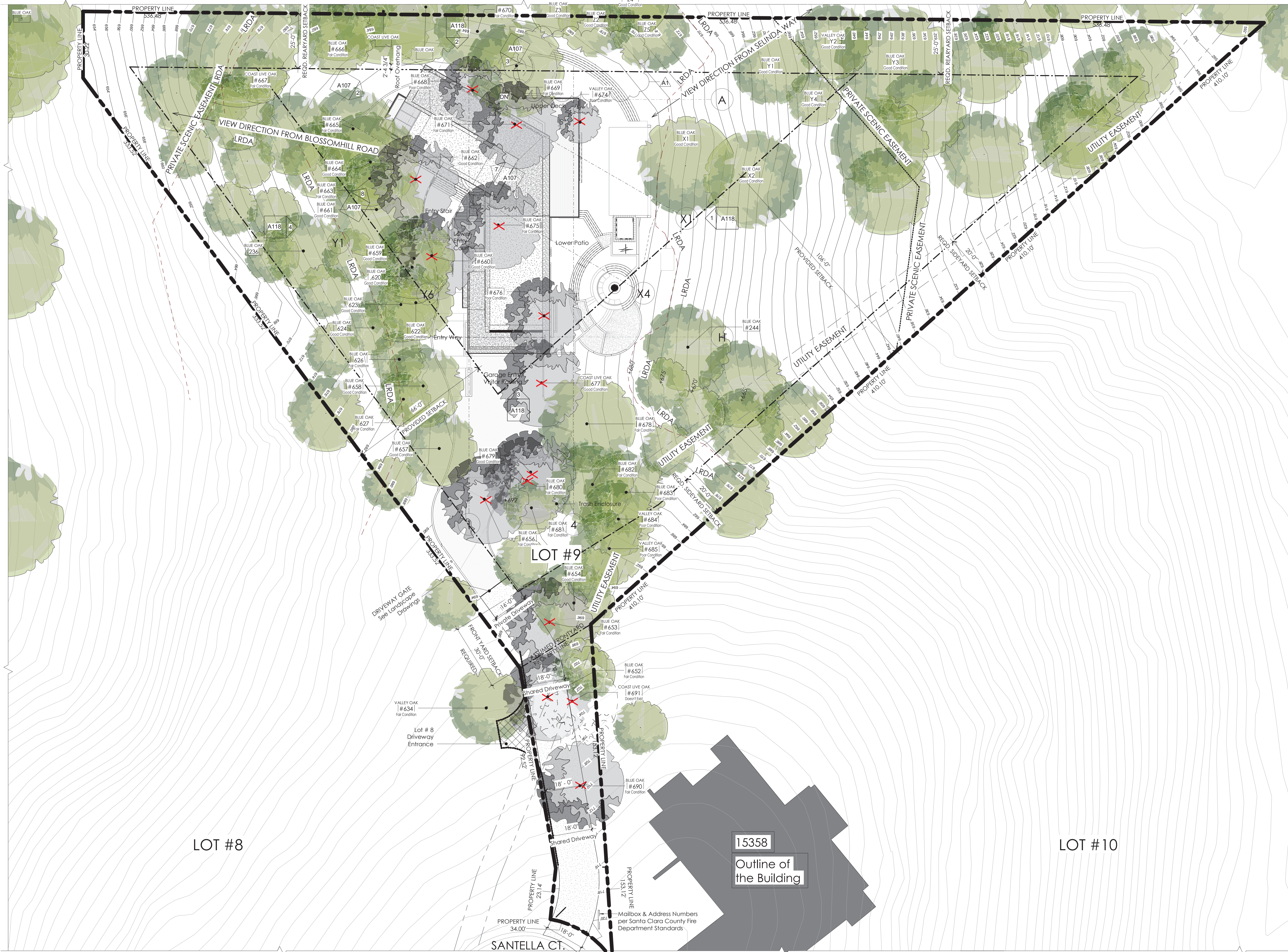
OWNER:  
 Christian & Helen Olgaard

PROJECT NO:	1062018
DRAWN BY:	Author
CHECKED BY:	Checker
Planning Submittal 01:	Oct 19 2018
Planning Backcheck Submittal 02:	June 12 2019
Planning Backcheck Submittal 03:	Sep 16 2019
Planning Backcheck Submittal 04:	Oct 25 2019
HOA Backcheck Submittal 04:	Nov 01 2019
Planning Backcheck Submittal 04:	Nov 15 2019

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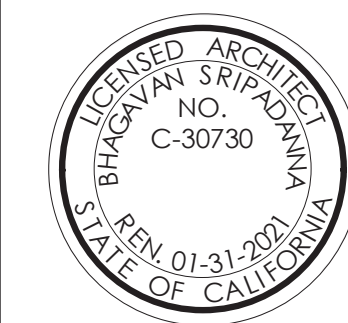
SHEET TITLE  
**Basement Diagrams**

**A101**  
 SHEET OF



11/14/2019 2:28:57 PM

1 Site Plan  
 1" = 20'-0"



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 SRUSTI ARCHITECTS  
 18524 MONTERE WAY  
 SARATOGA CA 95070  
 PHONE:(408) 507 8138

**Olgaard Residence**

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 Los Gatos, CA 95032

OWNER:  
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Planning Backcheck Submittal 04:	Oct 25 2019
HOA Backcheck Submittal 04:	Nov 01 2019
Planning Backcheck Submittal 04:	Nov 15 2019

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SHEET TITLE  
 Siteplan

**A102**  
 SHEET OF

**Key Notes**

- 1 Provide Signage that this room will not be used for sleeping

C

B

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 18524 MONTERE WAY  
 SARATOGA CA 95070  
 PHONE:(408) 507 8138

**Olgaard Residence**

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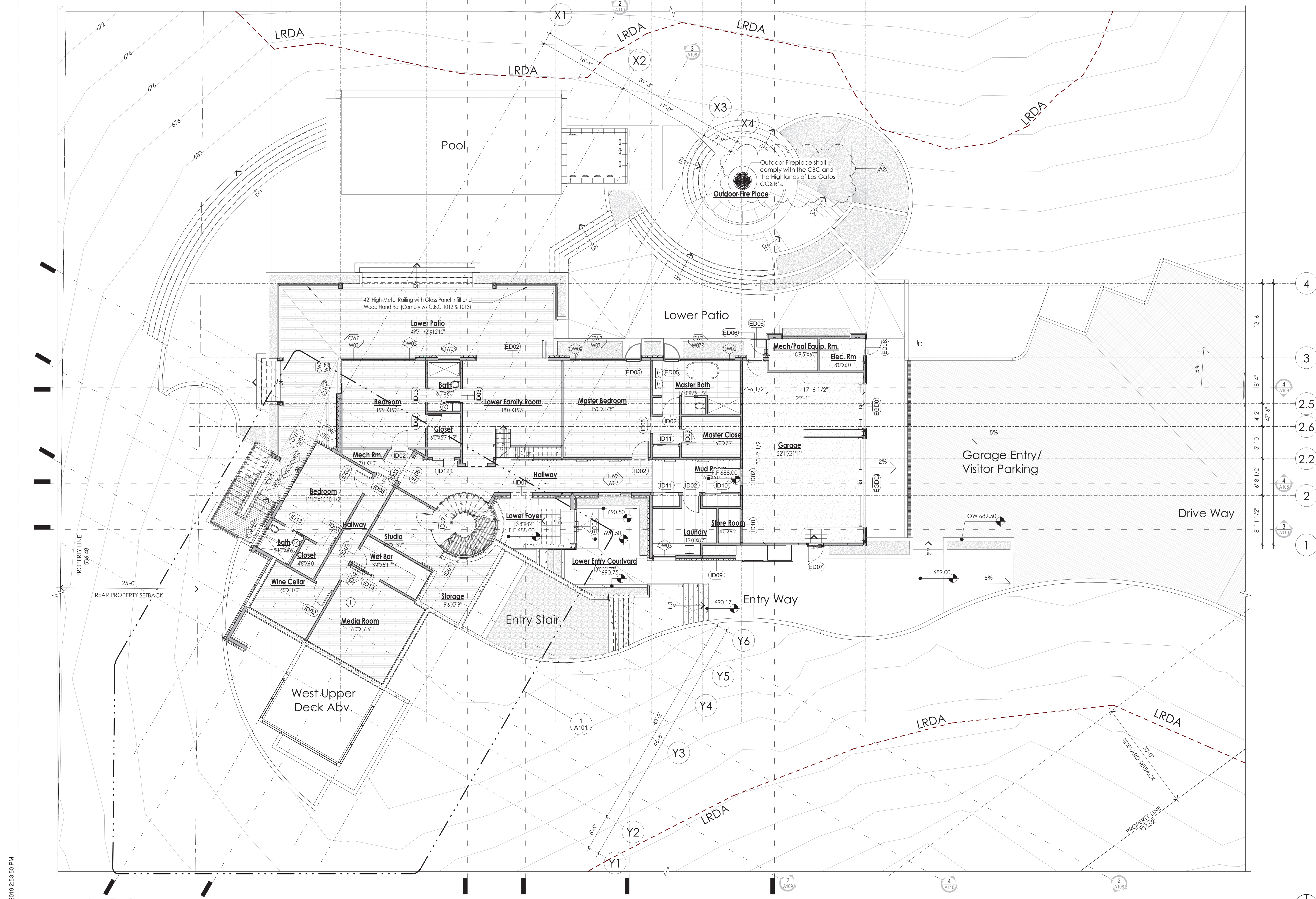
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SHEET TITLE

**Lower Level Floor Plan**

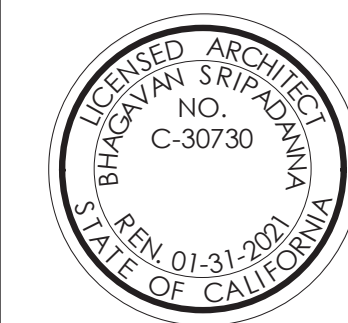
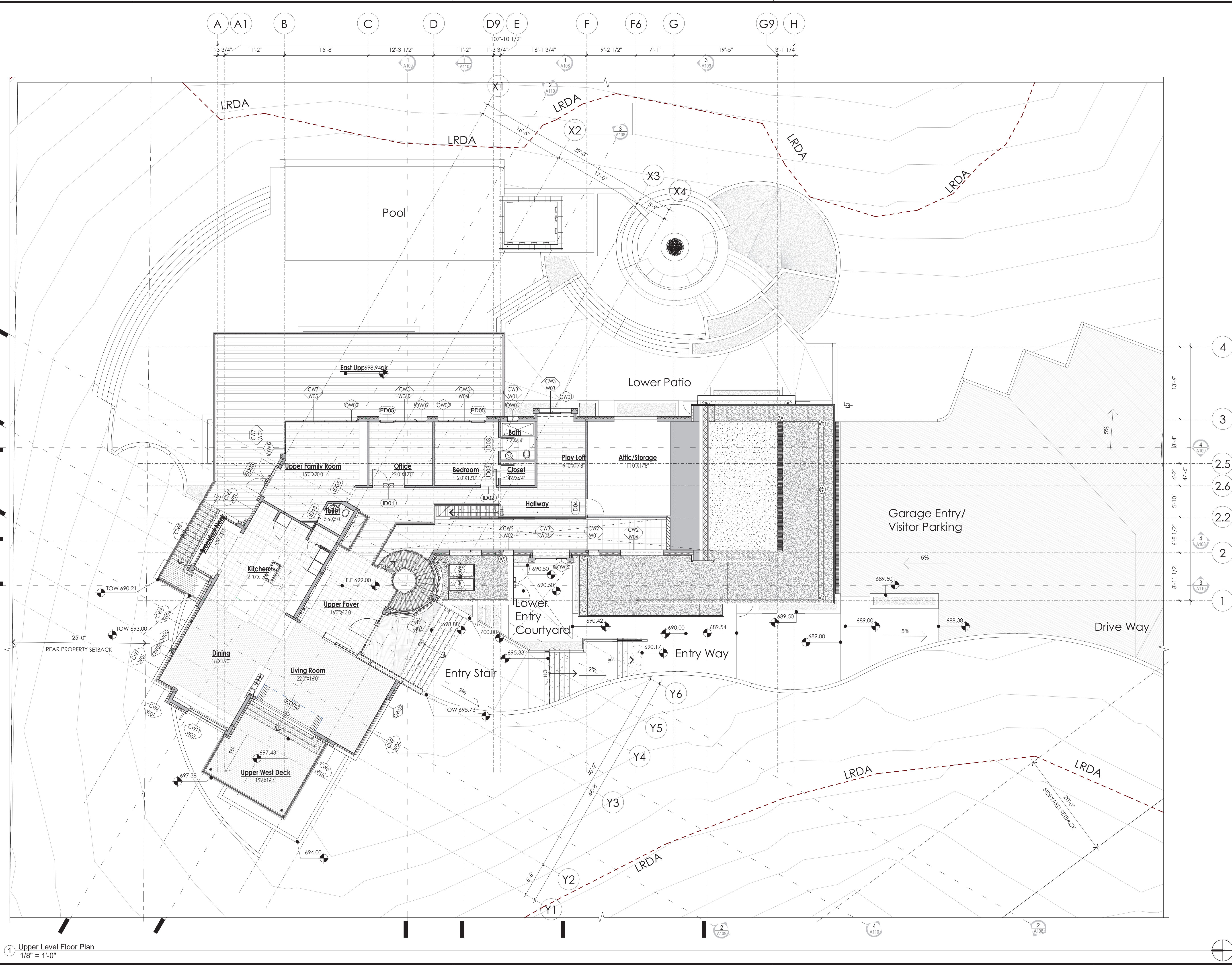
**A103**

SHEET OF



1 Lower Level Floor Plan  
 1/8" = 1'-0"

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 SARATOGA CA 95070  
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 Los Gatos, CA 95032

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HOA Backcheck Submittal 04:	Nov 01 2019
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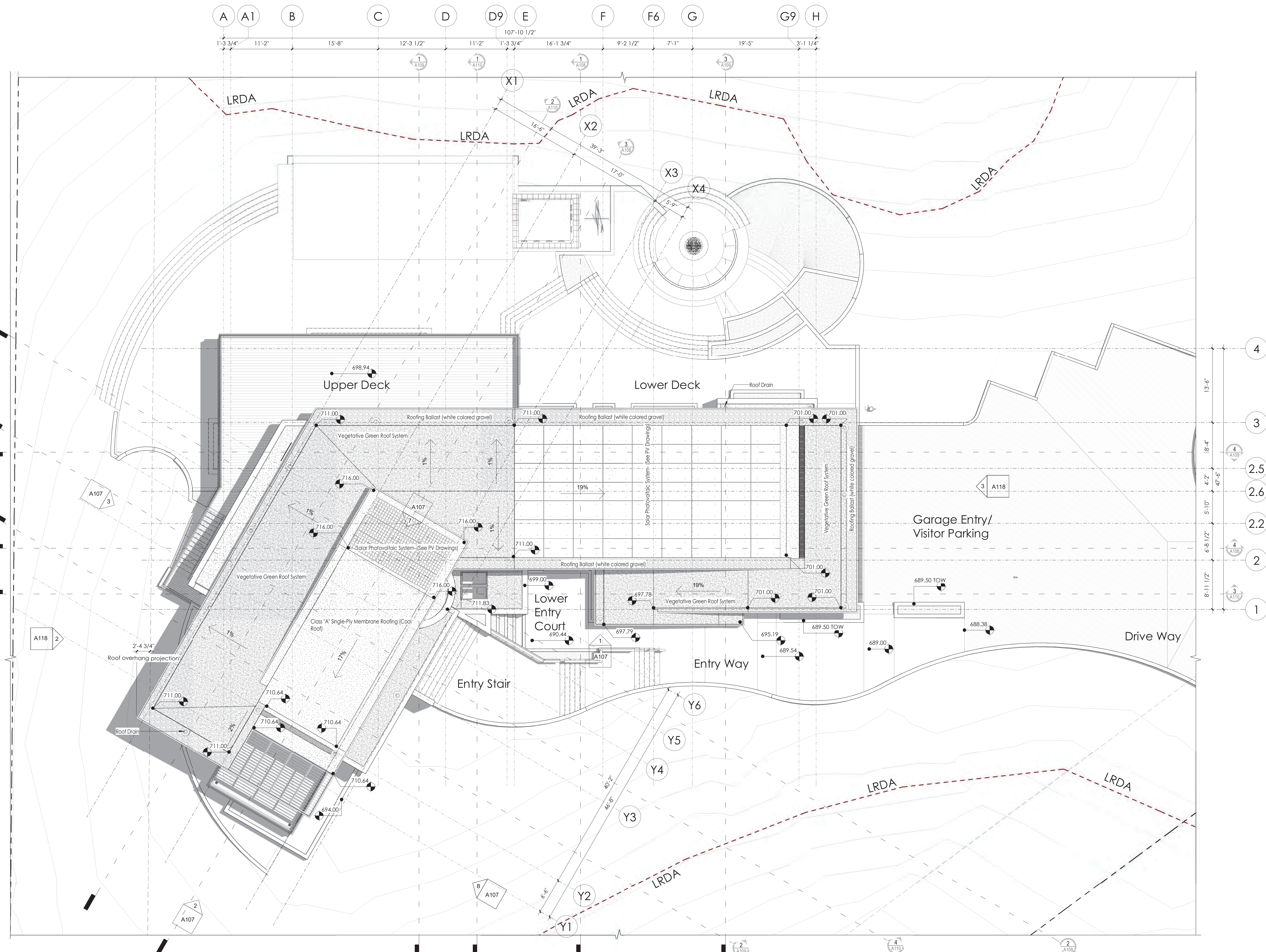
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SHEET TITLE  
**Upper Level Floor Plan**

**A104**  
 SHEET OF

1 Upper Level Floor Plan  
 1/8" = 1'-0"

11/14/2019 2:29:08 PM



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 18524 MONTERE WAY  
 SARATOGA CA 95070  
 PHONE:(408) 507 8138

**Olgaard Residence**

15365 Santella Court,  
 Los Gatos, CA 95032

OWNER:  
 Christian & Helen Olgaard

PROJECT NO:	1062018
DRAWN BY:	Author
CHECKED BY:	Checker
Planning Submittal 01:	Oct 19 2018
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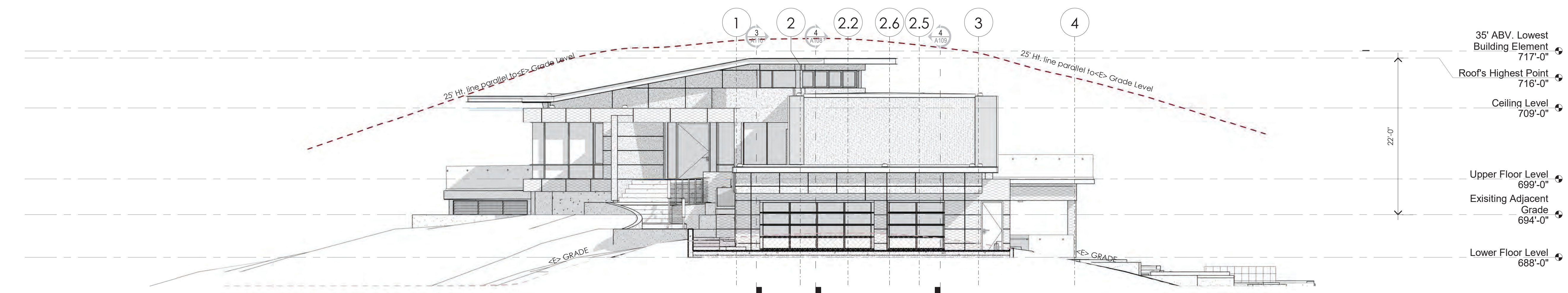
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SHEET TITLE  
**Roof Plan**

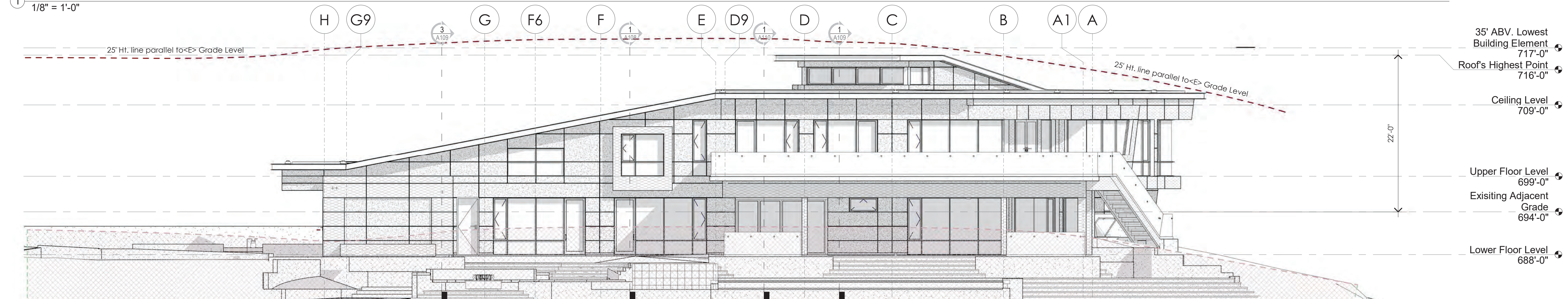
**A105**  
 SHEET OF

1 Roof Plan  
 1/8" = 1'-0"

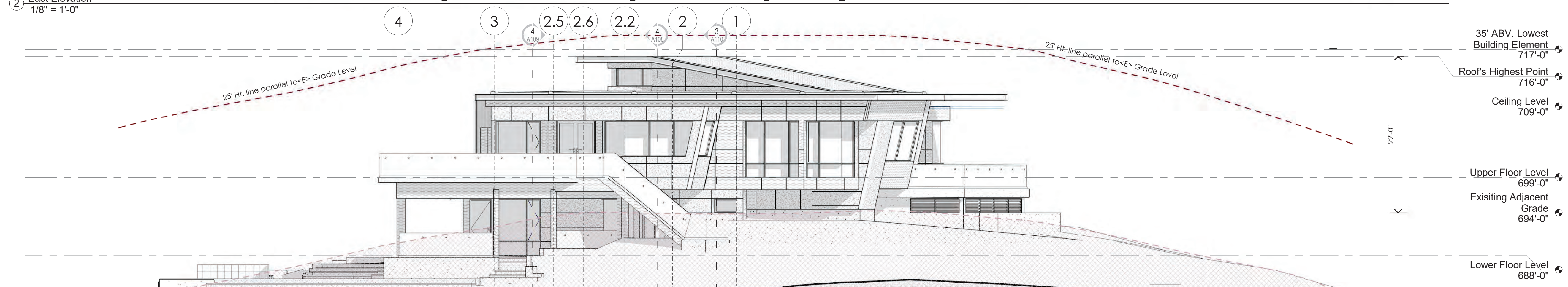
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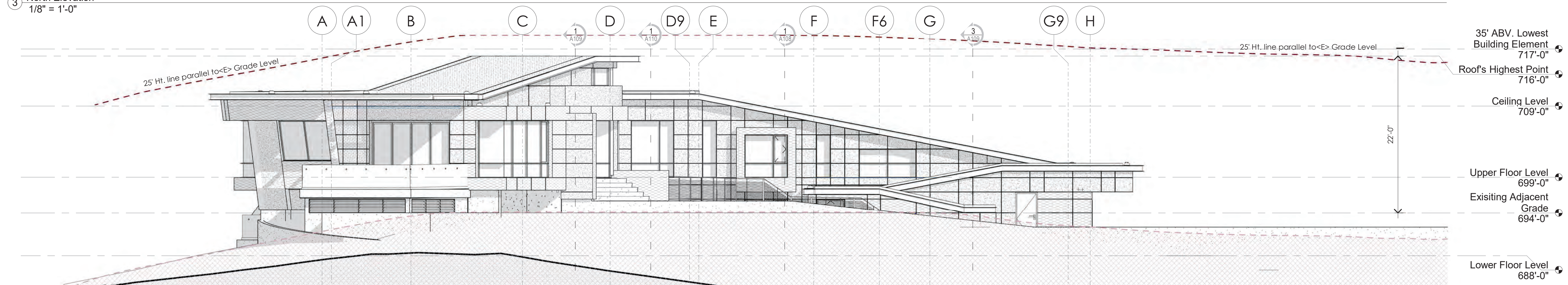
1 South Elevation  
 1/8" = 1'-0"



2 East Elevation  
 1/8" = 1'-0"



3 North Elevation  
 1/8" = 1'-0"



4 West Elevation  
 1/8" = 1'-0"



ARCHITECT:  
 HARI SRIPADANNA AIA LEED AP  
 SRUSTI ARCHITECTS  
 18524 MONTERE WAY  
 SARATOGA CA 95070  
 PHONE: (408) 507 8138

**Olgaard Residence**

15365 Santella Court,  
 Los Gatos, CA 95032

OWNER:  
 Christian & Helen Olgaard

PROJECT NO:	1062018
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Planning Backcheck Submittal 04:	Nov 15 2019

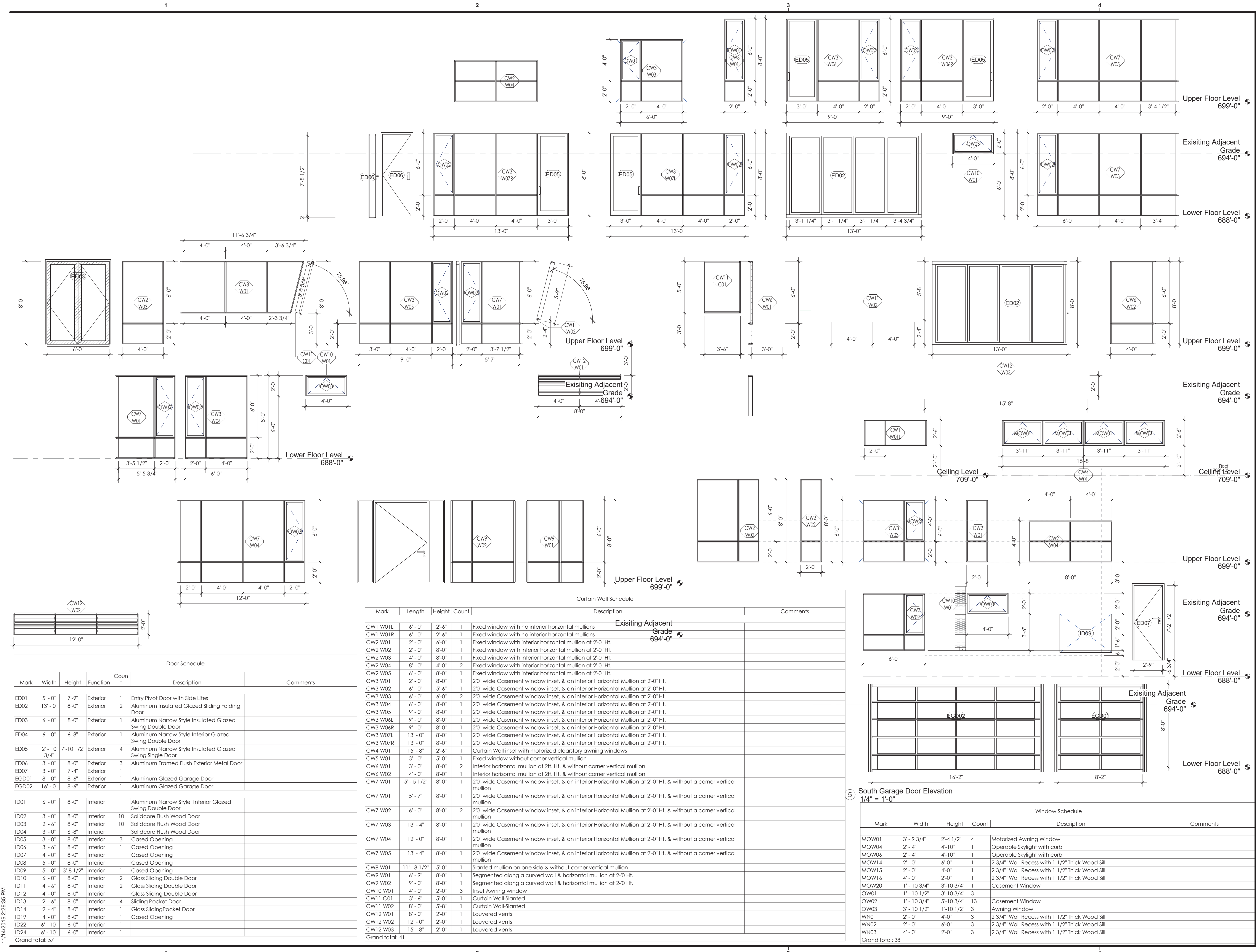
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SHEET TITLE

**Building Elevations**

**A106**

SHEET OF



Curtain Wall Schedule

Mark	Length	Height	Count	Description	Comments
CW1 W01L	6'-0"	2'-4"	1	Fixed window with no interior horizontal mullions	Existing Adjacent Grade 694'-0"
CW1 W01R	6'-0"	2'-4"	1	Fixed window with no interior horizontal mullions	
CW2 W01	2'-0"	6'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W02	2'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W03	4'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W04	8'-0"	4'-0"	2	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W05	6'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW3 W01	2'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W02	6'-0"	5'-4"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W03	6'-0"	6'-0"	2	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W04	6'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W05	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W06L	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W06R	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W07L	13'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W07R	13'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW4 W01	15'-8"	2'-4"	1	Curtain Wall inset with motorized clearstory awning windows	
CW5 W01	3'-0"	5'-0"	1	Fixed window without corner vertical mullion	
CW6 W01	3'-0"	8'-0"	2	Interior horizontal mullion at 2ft. HT. & without corner vertical mullion	
CW6 W02	4'-0"	8'-0"	1	Interior horizontal mullion at 2ft. HT. & without corner vertical mullion	
CW7 W01	5'-5 1/2"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W02	6'-0"	8'-0"	2	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W03	13'-4"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W04	12'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W05	13'-4"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW8 W01	11'-8 1/2"	5'-0"	1	Slanted mullion on one side & without corner vertical mullion	
CW9 W01	6'-9"	8'-0"	1	Segmented along a curved wall & horizontal mullion at 2'-0"HT.	
CW9 W02	9'-0"	8'-0"	1	Segmented along a curved wall & horizontal mullion at 2'-0"HT.	
CW10 W01	4'-0"	2'-0"	3	Inset Awning window	
CW11 C01	3'-4"	5'-0"	1	Curtain Wall-Slanted	
CW11 W02	8'-0"	5'-8"	1	Curtain Wall-Slanted	
CW12 W01	8'-0"	2'-0"	1	Louvered vents	
CW12 W02	12'-0"	2'-0"	1	Louvered vents	
CW12 W03	15'-8"	2'-0"	1	Louvered vents	
Grand total: 41					

Door Schedule

Mark	Width	Height	Function	Count	Description	Comments
ED01	5'-0"	7'-9"	Exterior	1	Entry Pivotal Door with Side Lites	
ED02	13'-0"	8'-0"	Exterior	2	Aluminum Insulated Glazed Sliding Folding Door	
ED03	6'-0"	8'-0"	Exterior	1	Aluminum Narrow Style Insulated Glazed Swing Double Door	
ED04	6'-0"	6'-8"	Exterior	1	Aluminum Narrow Style Interior Glazed Swing Double Door	
ED05	2'-10 3/4"	7'-10 1/2"	Exterior	4	Aluminum Narrow Style Insulated Glazed Swing Single Door	
ED06	3'-0"	8'-0"	Exterior	3	Aluminum Framed Flush Exterior Metal Door	
ED07	3'-0"	7'-4"	Exterior	1		
EGD01	8'-0"	8'-6"	Exterior	1	Aluminum Glazed Garage Door	
EGD02	16'-0"	8'-6"	Exterior	1	Aluminum Glazed Garage Door	
ID01	6'-0"	8'-0"	Interior	1	Aluminum Narrow Style Interior Glazed Swing Double Door	
ID02	3'-0"	8'-0"	Interior	10	Solidcore Flush Wood Door	
ID03	2'-6"	8'-0"	Interior	10	Solidcore Flush Wood Door	
ID04	3'-0"	6'-8"	Interior	1	Solidcore Flush Wood Door	
ID05	3'-0"	8'-0"	Interior	3	Cased Opening	
ID06	3'-6"	8'-0"	Interior	1	Cased Opening	
ID07	4'-0"	8'-0"	Interior	1	Cased Opening	
ID08	5'-0"	8'-0"	Interior	1	Cased Opening	
ID09	5'-0"	3'-8 1/2"	Interior	1	Cased Opening	
ID10	6'-0"	8'-0"	Interior	2	Glass Sliding Double Door	
ID11	4'-6"	8'-0"	Interior	2	Glass Sliding Double Door	
ID12	4'-0"	8'-0"	Interior	1	Glass Sliding Double Door	
ID13	2'-6"	8'-0"	Interior	4	Sliding Pocket Door	
ID14	2'-4"	8'-0"	Interior	1	Glass Sliding Pocket Door	
ID19	4'-0"	8'-0"	Interior	1	Cased Opening	
ID22	6'-10"	6'-0"	Interior	1		
ID24	6'-10"	6'-0"	Interior	1		
Grand total: 57						

5 South Garage Door Elevation  
 1/4" = 1'-0"

Mark	Width	Height	Count	Description	Comments
MOW01	3'-9 3/4"	2'-4 1/2"	4	Motorized Awning Window	
MOW04	2'-4"	4'-10"	1	Operable Skylight with curb	
MOW06	2'-4"	4'-10"	1	Operable Skylight with curb	
MOW14	2'-0"	6'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW15	2'-0"	4'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW16	4'-0"	2'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW20	1'-10 3/4"	3'-10 3/4"	1	Casement Window	
OW01	1'-10 1/2"	3'-10 3/4"	3		
OW02	1'-10 3/4"	5'-10 3/4"	13	Casement Window	
OW03	3'-10 1/2"	1'-10 1/2"	3	Awning Window	
WN01	2'-0"	4'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
WN02	2'-0"	6'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
WN03	4'-0"	2'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
Grand total: 38					



ARCHITECT:  
 HARI SRIPADANNA AIA LEED AP  
 SRUSTI ARCHITECTS  
 18524 MONTERE WAY  
 SARATOGA CA 95070  
 PHONE:(408) 507 8138

**Olgaard Residence**

15365 Santella Court,  
 Los Gatos, CA 95032

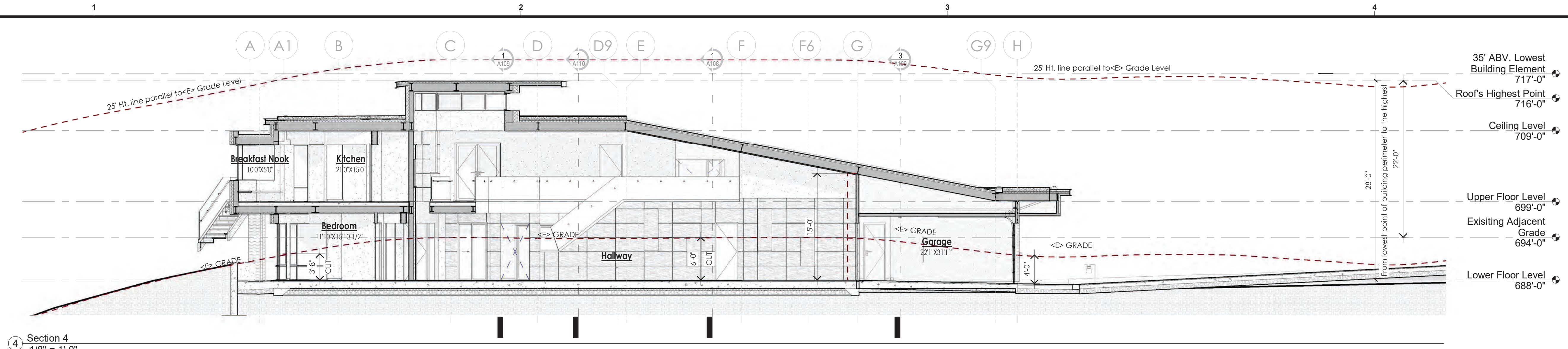
OWNER:  
 Christian & Helen Olgaard

PROJECT NO:	1062018
DRAWN BY:	Author
CHECKED BY:	Checker
Planning Submittal 01:	Oct 19 2018
Planning Backcheck Submittal 02:	June 12 2019
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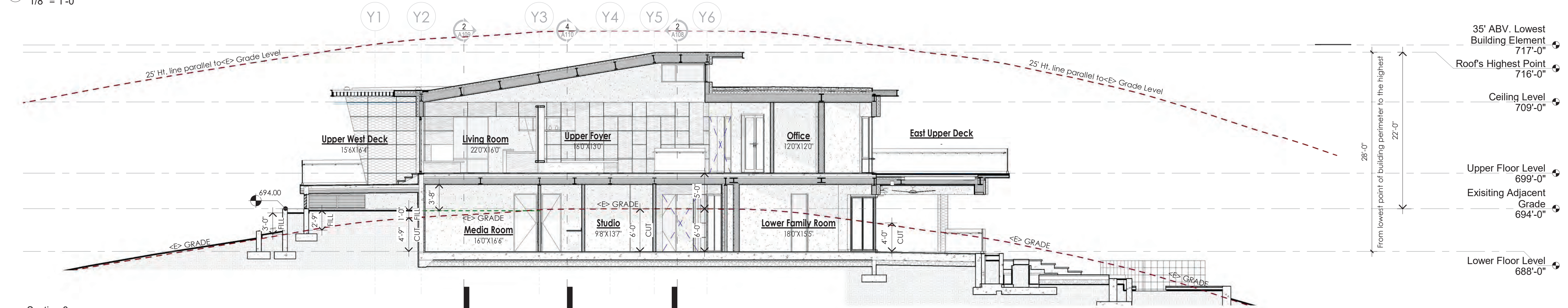
**Door Window Schedules**

**A107**  
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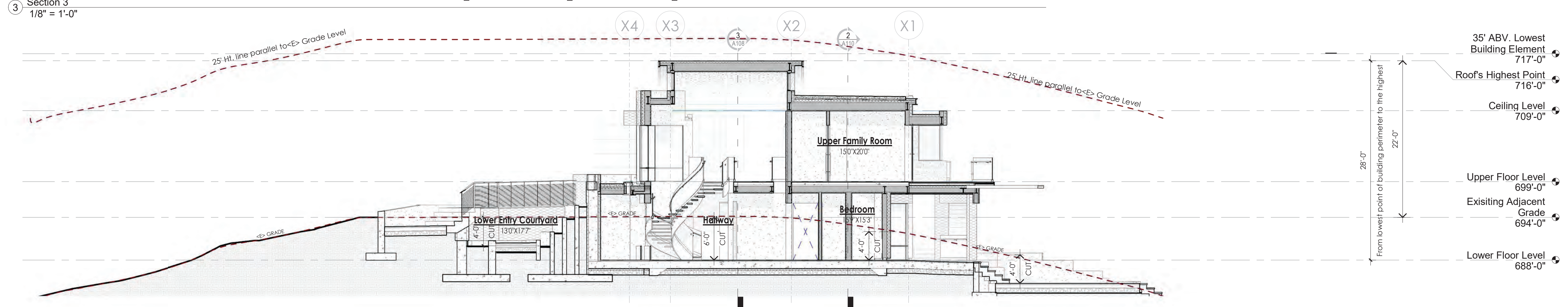
Section 4  
1/8" = 1'-0"

35' ABV. Lowest Building Element 717'-0"  
 Roof's Highest Point 716'-0"  
 Ceiling Level 709'-0"  
 28'-0" From lowest point of building perimeter to the highest  
 22'-0"  
 Upper Floor Level 699'-0"  
 Existing Adjacent Grade 694'-0"  
 Lower Floor Level 688'-0"



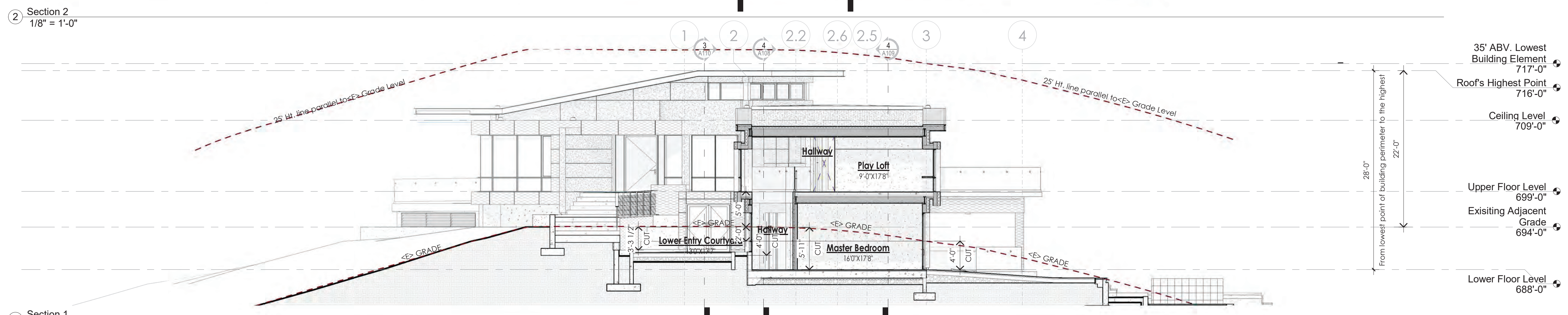
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 Roof's Highest Point 716'-0"  
 Ceiling Level 709'-0"  
 28'-0" From lowest point of building perimeter to the highest  
 22'-0"  
 Upper Floor Level 699'-0"  
 Existing Adjacent Grade 694'-0"  
 Lower Floor Level 688'-0"



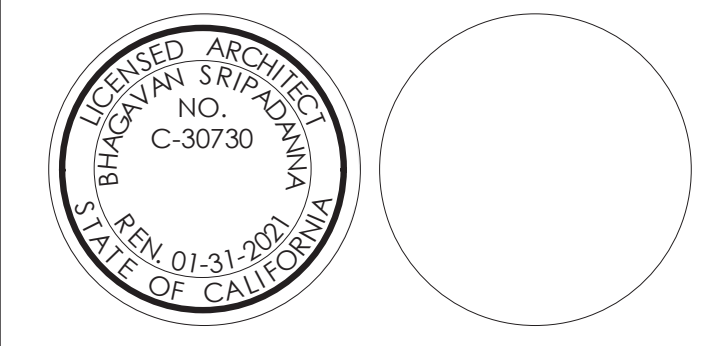
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1/8" = 1'-0"

35' ABV. Lowest Building Element 717'-0"  
 Roof's Highest Point 716'-0"  
 Ceiling Level 709'-0"  
 28'-0" From lowest point of building perimeter to the highest  
 22'-0"  
 Upper Floor Level 699'-0"  
 Existing Adjacent Grade 694'-0"  
 Lower Floor Level 688'-0"



Section 1  
1/8" = 1'-0"

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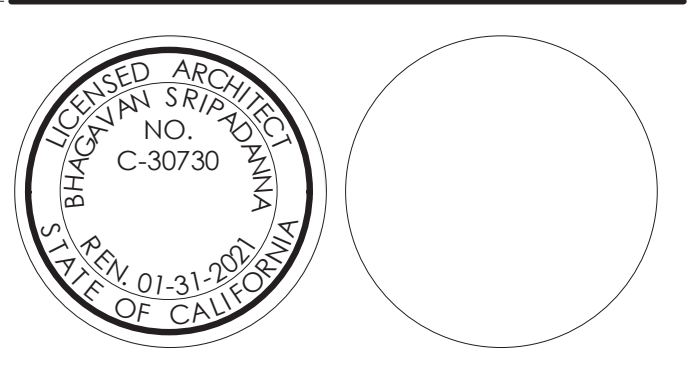
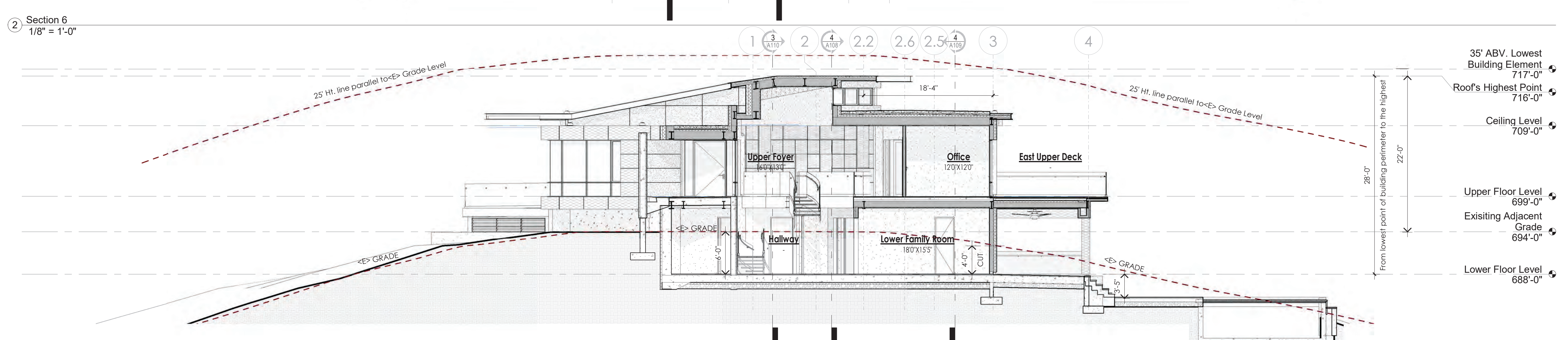
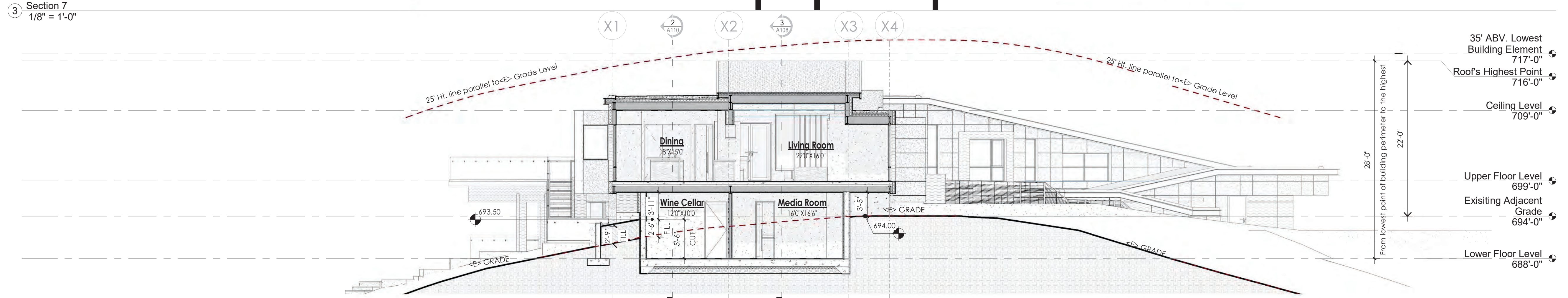
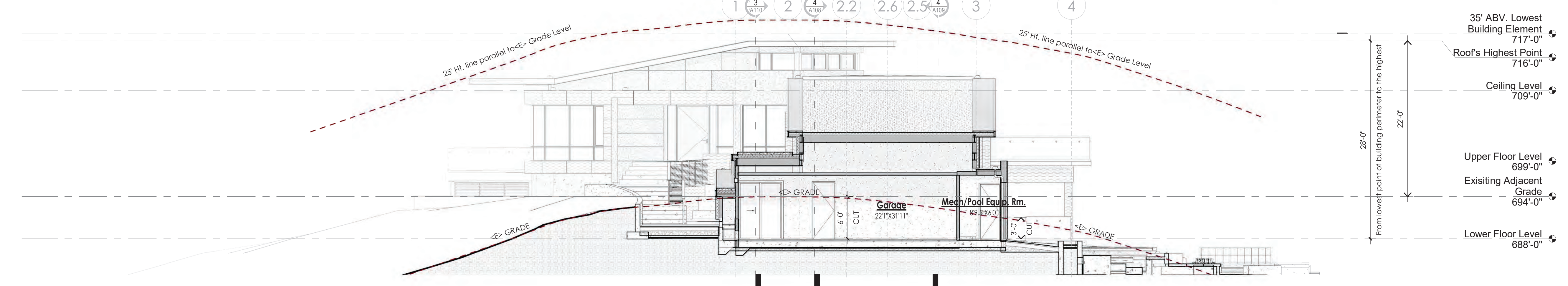
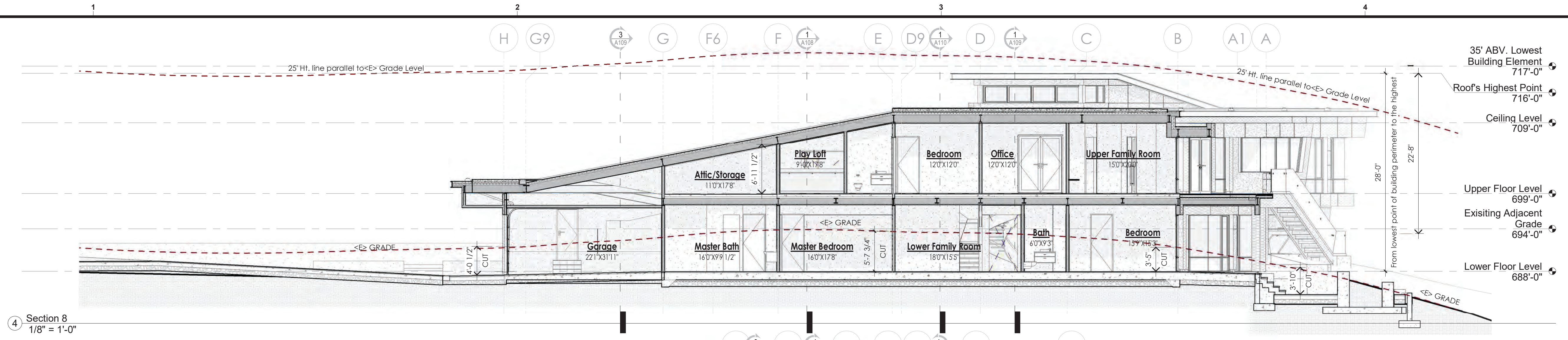
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SHEET TITLE  
**Building Sections**





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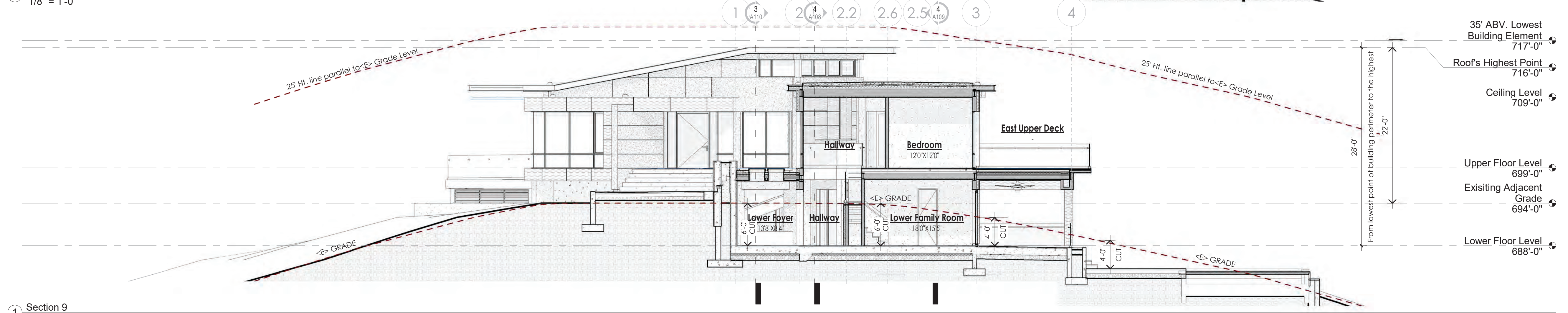
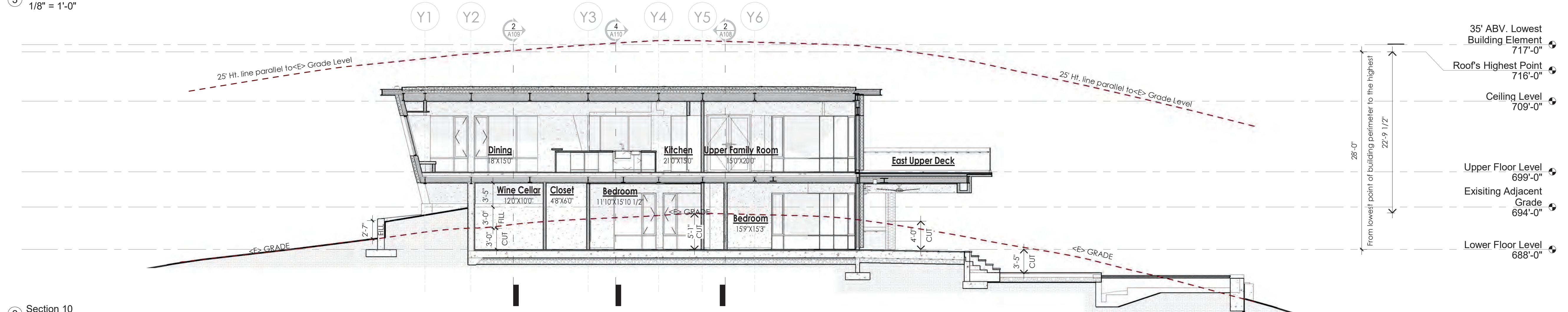
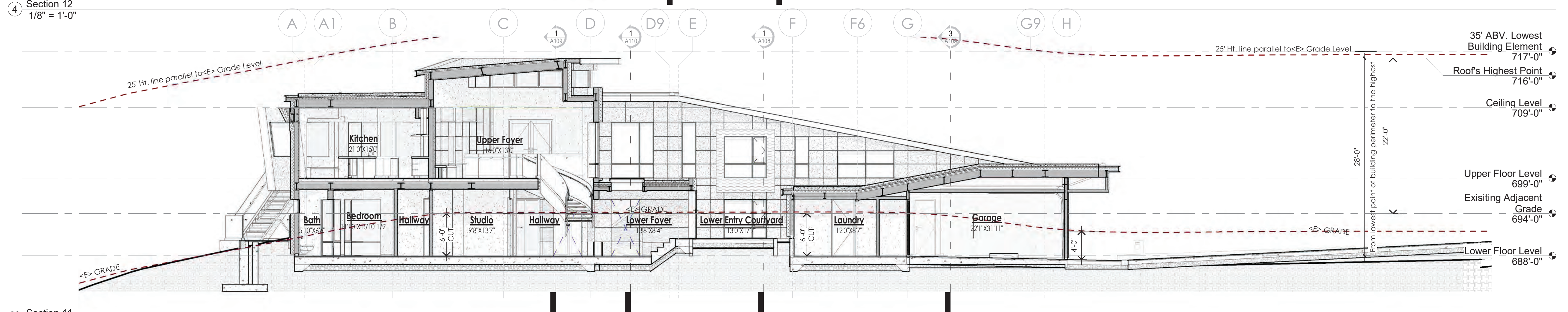
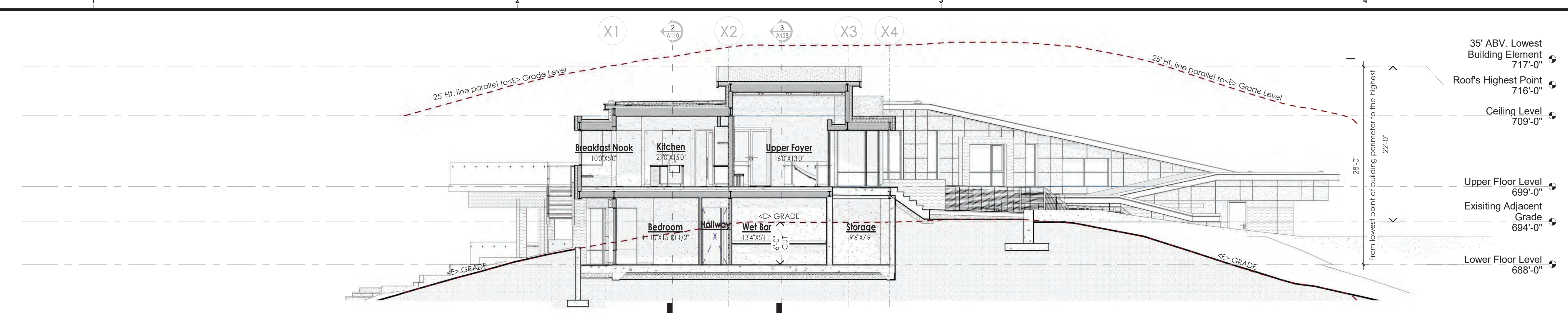
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**Building Sections**

**A109**  
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**Building Sections**

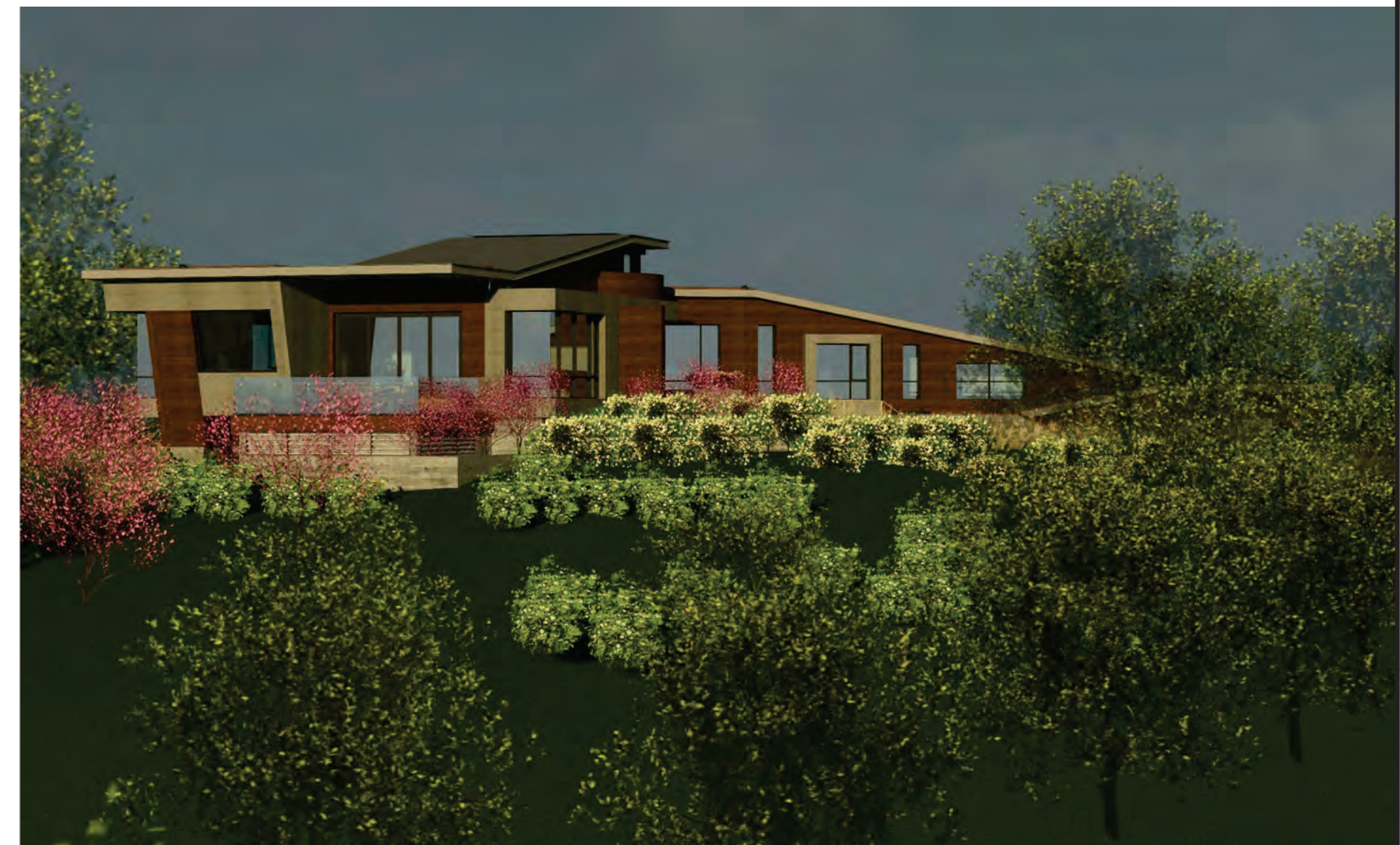
**A110**  
 SHEET OF



AERIAL VIEW FROM NORTH EAST



VIEW FROM NORTH



VIEW FROM WEST



VIEW FROM RIGHT SIDE YARD



VIEW TOWARDS FRONT ENTRY



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SHEET TITLE

Perspective Views-01

**A115**

SHEET OF



VIEW FROM EAST



VIEW FROM DRIVEWAY



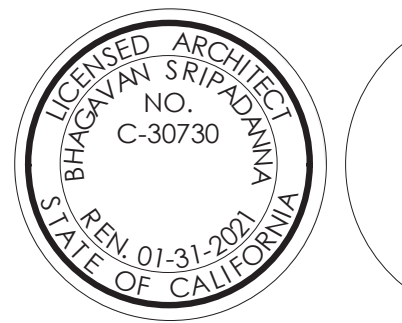
VIEW FROM SOUTH WEST



VIEW FROM NORTH WEST



VIEW FROM SOUTH EAST



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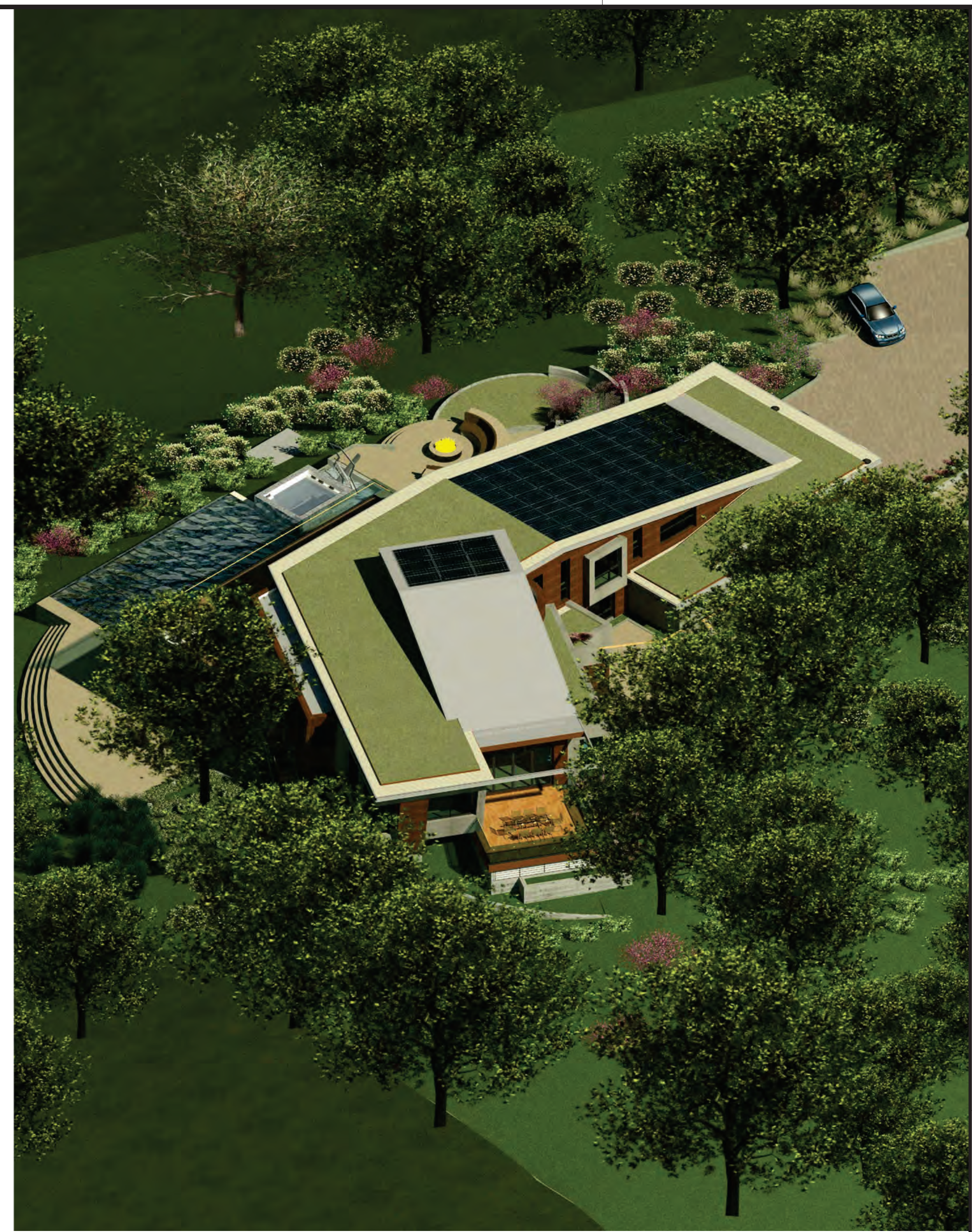
Perspective Views 02

**A116**

SHEET OF



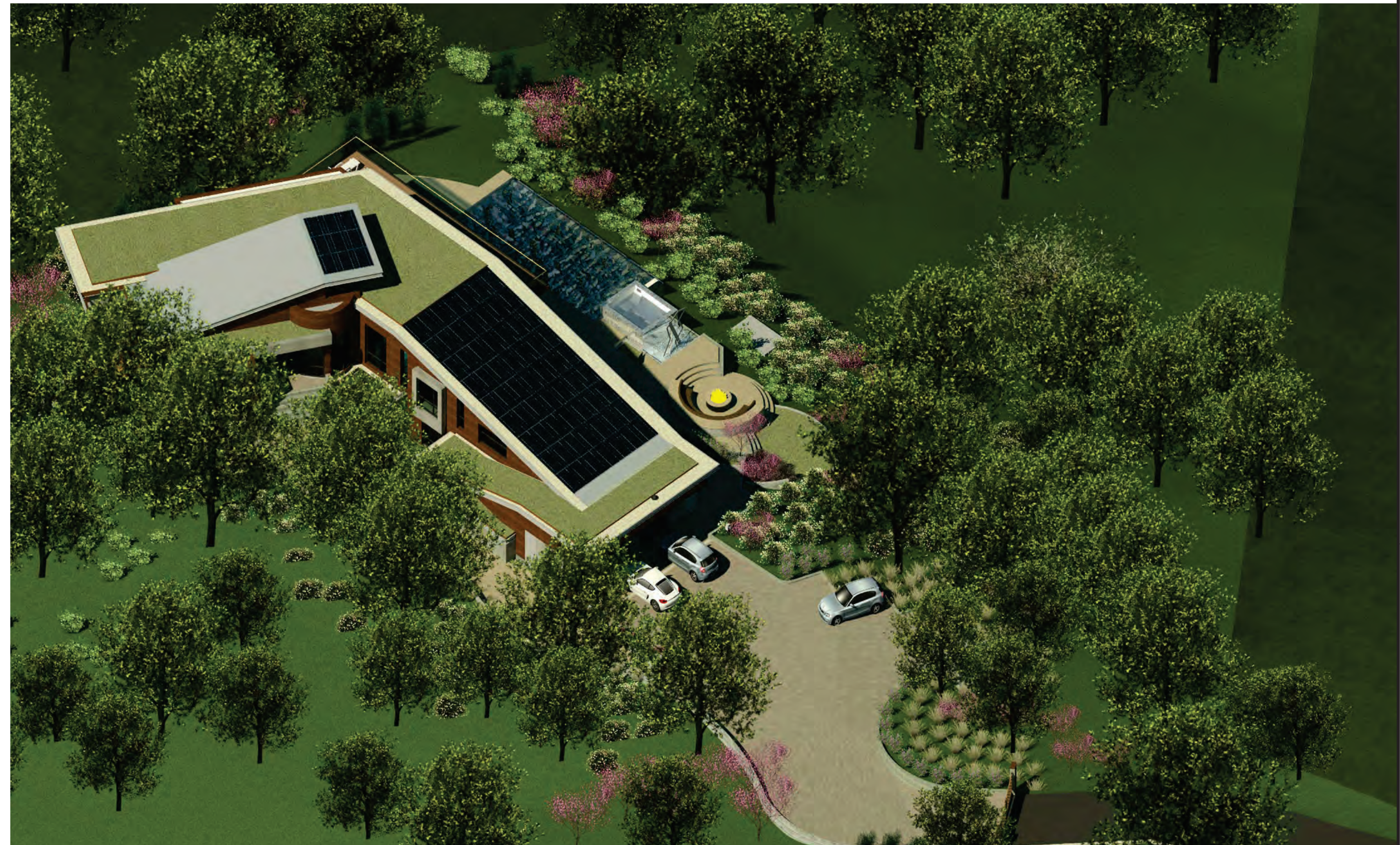
AXONOMETRIC VIEW FROM NORTH EAST



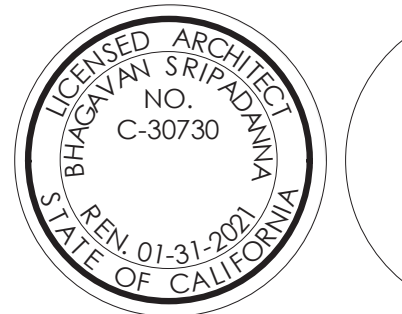
AXONOMETRIC VIEW FROM NORTH WEST



AXONOMETRIC VIEW FROM SOUTH EAST



AXONOMETRIC VIEW FROM SOUTH WEST



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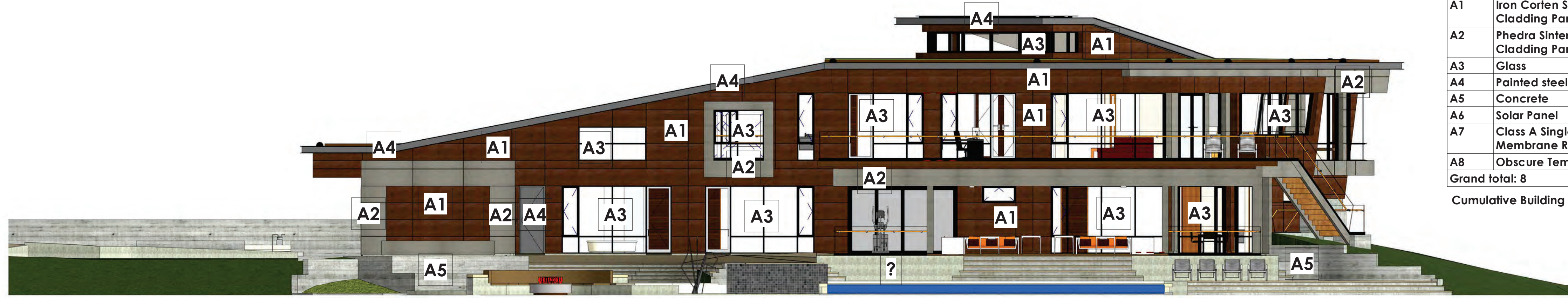
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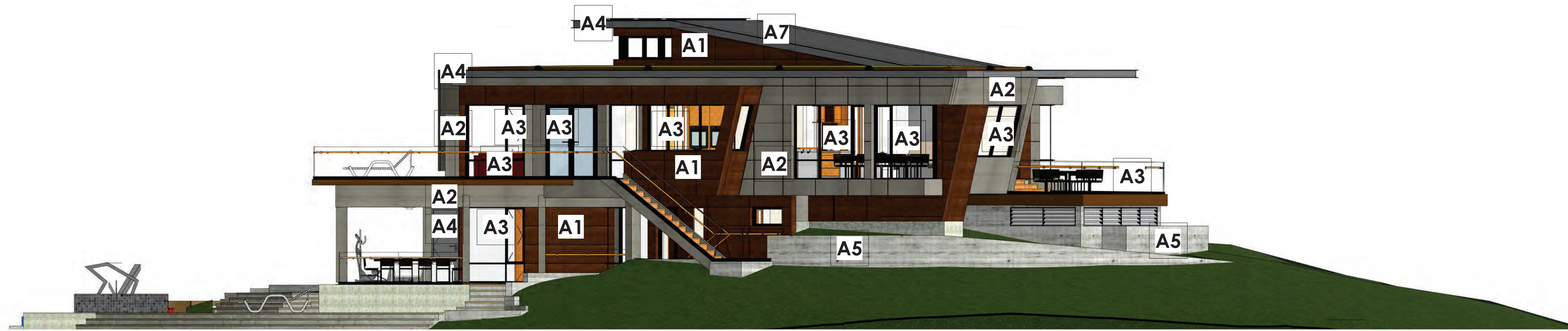
Axonometric Views

**A117**

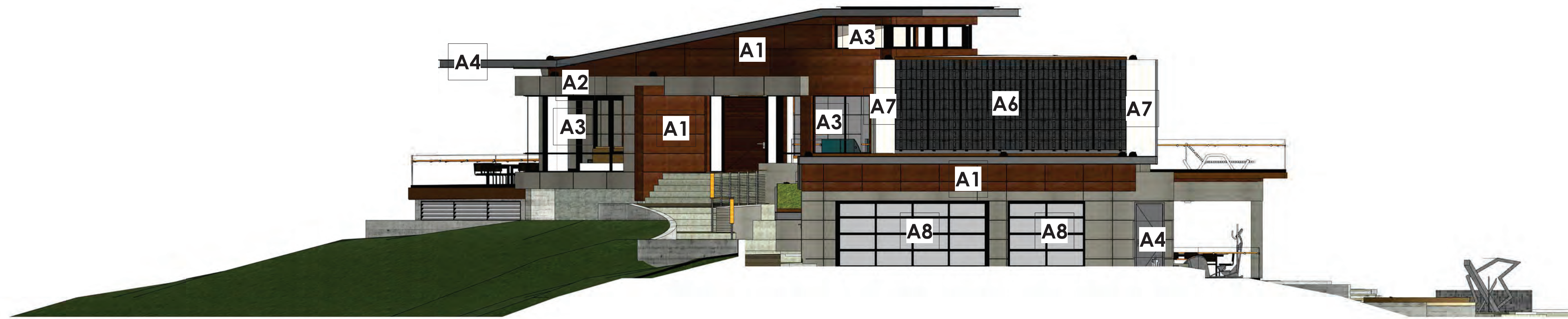
SHEET OF



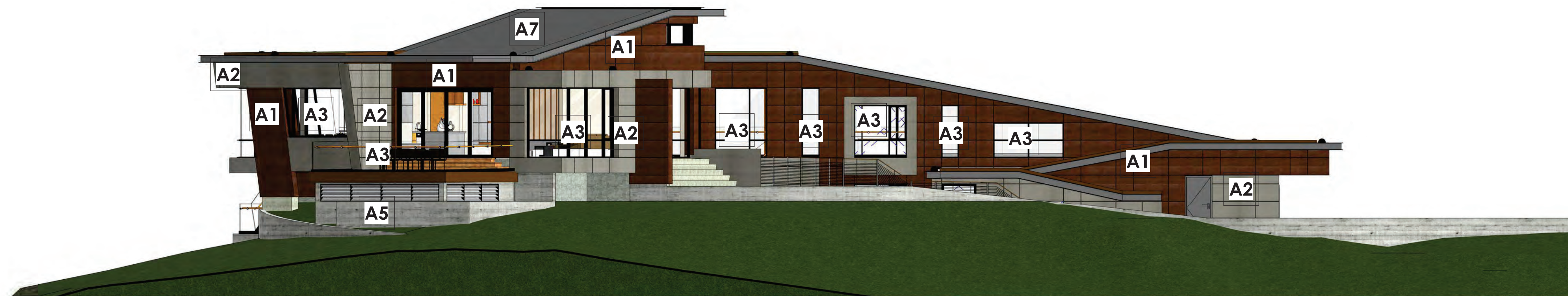
1 East Elevation with Exterior Materials Identified  
1/8" = 1'-0"



2 North Elevation with Exterior Materials Identified  
1/8" = 1'-0"



3 South Elevation with Exterior Materials Identified  
1/8" = 1'-0"



4 West Elevation with Exterior Materials Identified  
1/8" = 1'-0"

LRV table					
Key Name	Material	Total SF of Material	% of total SF	LRV	SF% x LRV
A1	Iron Corten Sintered Stone Cladding Panel	2154 SF	28.28	12.1	342.18
A2	Phedra Sintered Stone Cladding Panel	1228 SF	16.12	17	274.04
A3	Glass	2214 SF	29	11	319
A4	Painted steel	439 SF	5.7	12.64	72.04
A5	Concrete	1027 SF	13.48	13.7	184.67
A6	Solar Panel	232 SF	3	10	30
A7	Class A Single Ply Membrane Roofing	184 SF	2.41	18.1	43.62
A8	Obscure Tempered Glass	138 SF	1.81	20	36.2
Grand total: 8		7616 SF			1301.75

Cumulative Building LRV : 13.01

East Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	759 SF
A2	Phedra Sintered Stone Cladding Panel	303 SF
A3	Glass	964 SF
A4	Painted steel	139 SF
A5	Concrete	471 SF

North Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	332 SF
A2	Phedra Sintered Stone Cladding Panel	358 SF
A3	Glass	630 SF
A4	Painted Metal	86 SF
A5	Concrete	176 SF
A7	Class A Single Ply Membrane Roofing	49 SF

South Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	364 SF
A2	Phedra Sintered Stone Cladding Panel	248 SF
A3	Glass	224 SF
A4	Painted steel	79 SF
A5	Concrete	78 SF
A6	Solar Panel	232 SF
A7	Class A Single Ply Membrane Roofing	50 SF
A8	Obscure Tempered Glass	138 SF

West Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	699 SF
A2	Phedra Sintered Stone Cladding Panel	319 SF
A3	Glass	396 SF
A4	Painted steel	135 SF
A5	Concrete	302 SF
A7	Class A Single Ply Membrane Roofing	85 SF

	<b>Iron Corten Sintered Stone Cladding Panel</b> Type: Stone Cladding Panel Color: Iron corten LRV: 12.1 Source: Neolith
	<b>Phedra Sintered Stone Cladding Panel</b> Type: Stone Cladding Panel Color: Light Gray LRV: 17 Source: Neolith
	<b>Glass</b> Type: Cardinal LoE 366 dual pane Color: Clear LRV: 11 Source: Cardinal Glass Industries
	<b>Painted Steel</b> Type: N/A Color: City shadow LRV: 12.64 Source: Benjamin Moore
	<b>Concrete</b> Type: Board formed concrete Color: Dark gray LRV: 13.7 Source: Polyflor
	<b>Solar Panel</b> Type: Solar Photovoltaic system Color: N/A LRV: 10 Source: SunPower
	<b>Class A Single Ply Membrane Roofing</b> Type: N/A Color: Gray LRV: 18.1 Source: IB Roof systems



ARCHITECT:  
HARI SRIPADANNA AIA LEED AP  
SRUSTI ARCHITECTS  
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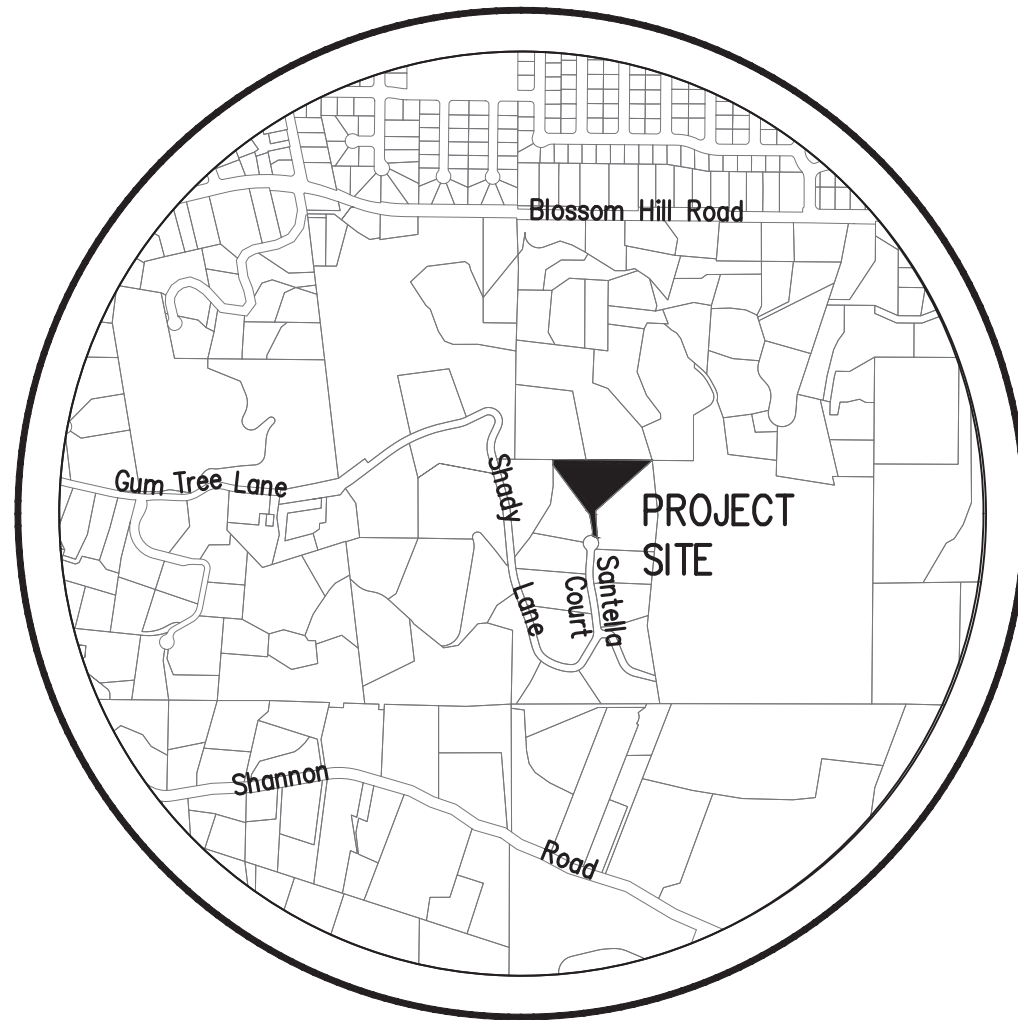
SHEET TITLE

Elevations with  
Exterior Materials  
Identified

**A118**

SHEET OF

PLAN FOR THE IMPROVEMENT OF  
**GRADING & DRAINAGE PLANS**  
 TOWN OF LOS GATOS  
 ARCHITECTURE AND SITE APPLICATION NO. S-18-052



VICINITY MAP

TOWN OF LOS GATOS STANDARD GRADING NOTES

- ALL WORK SHALL CONFORM TO CHAPTER 12 OF THE CODE OF THE TOWN OF LOS GATOS, THE ADOPTED CALIFORNIA BUILDING CODE AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION EXCEPT AS SPECIFIED OTHERWISE ON THESE PLANS AND DETAILS.
- NO WORK MAY BE STARTED ON-SITE WITHOUT AN APPROVED GRADING PLAN AND A GRADING PERMIT ISSUED BY THE TOWN OF LOS GATOS, PARKS AND PUBLIC WORKS DEPARTMENT LOCATED AT 41 MILES AVENUE, LOS GATOS, CA 95030.
- A PRE-JOB MEETING SHALL BE HELD WITH THE TOWN ENGINEERING INSPECTOR FROM THE PARKS AND PUBLIC WORKS DEPARTMENT PRIOR TO ANY WORK BEING DONE. THE CONTRACTOR SHALL CALL THE INSPECTIONS LINE AT (4080) 399-5771 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY GRADING OR ONSITE WORK. THIS MEETING SHOULD INCLUDE:**
  - A DISCUSSION OF THE PROJECT CONDITIONS OF APPROVAL, WORKING HOURS, SITE MAINTENANCE AND OTHER CONSTRUCTION MATTERS;
  - ACKNOWLEDGEMENT IN WRITING THAT CONTRACTOR AND APPLICANT HAVE READ AND UNDERSTAND THE PROJECT CONDITIONS OF APPROVAL, AND WILL MAKE CERTAIN THAT ALL PROJECT SUB-CONTRACTORS HAVE READ AND UNDERSTAND THEM PRIOR TO COMMENCING WORK AND THAT A COPY OF THE PROJECT CONDITIONS OF APPROVAL WILL BE POSTED ON SITE AT ALL TIMES DURING CONSTRUCTION.
- APPROVAL OF PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR THE CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF, DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS, PUBLIC INTEREST AND SAFETY REQUIRES A MODIFICATION OR DEPARTURE FROM THE TOWN SPECIFICATIONS OR THESE IMPROVEMENT PLANS, THE TOWN ENGINEER SHALL HAVE FULL AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.
- APPROVAL OF THIS PLAN APPLIES ONLY TO THE GRADING, EXCAVATION, PLACEMENT, AND COMPACTION OF NATURAL EARTH MATERIALS. THIS APPROVAL DOES NOT CONFER ANY RIGHTS OF ENTRY TO EITHER PUBLIC PROPERTY OR THE PRIVATE PROPERTY OF OTHERS AND DOES NOT SUBSTITUTE APPROVAL OF ANY OTHER IMPROVEMENTS.
- EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE TO BE DISPOSED OF AT APPROVED LOCATION(S).
- IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE OR CONTRACTOR TO IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND FACILITIES. PERMITTEE OR CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-227-2600 A MINIMUM OF FORTY-EIGHT (48) HOURS BUT NOT MORE THAN FOURTEEN (14) DAYS PRIOR TO COMMENCING ALL WORK.
- ALL GRADING SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, CODES, RULES AND REGULATIONS GOVERNING THE WORK IDENTIFIED ON THESE PLANS. THESE SHALL INCLUDE, WITHOUT LIMITATION, SAFETY AND HEALTH RULES AND REGULATIONS ESTABLISHED BY OR PURSUANT TO THE OCCUPATIONAL SAFETY AND HEALTH ACT OR ANY OTHER APPLICABLE PUBLIC AUTHORITY.
- THE GENERAL CONTRACTOR SHALL PROVIDE QUALIFIED SUPERVISION ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
- HORIZONTAL AND VERTICAL CONTROLS SHALL BE SET AND CERTIFIED BY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER QUALIFIED TO PRACTICE LAND SURVEYING, FOR THE FOLLOWING:
  - RETAINING WALL: TOP OF WALL ELEVATIONS AND LOCATIONS (ALL WALLS TO BE PERMITTED SEPARATELY AND APPLIED FOR AT THE TOWN OF LOS GATOS BUILDING DIVISION).
  - TOE AND TOP OF CUT AND FILL SLOPES.
- PRIOR TO ISSUANCE OF ANY PERMIT, THE APPLICANT'S SOILS ENGINEER SHALL REVIEW THE FINAL GRADING AND DRAINAGE PLANS TO ENSURE THAT DESIGNS FOR FOUNDATIONS, RETAINING WALLS, SITE GRADING, AND SITE DRAINAGE ARE IN ACCORDANCE WITH THEIR RECOMMENDATIONS AND THE PEER REVIEW COMMENTS. THE APPLICANT'S SOILS ENGINEER'S APPROVAL SHALL THEN BE CONVEYED TO THE TOWN EITHER BY LETTER OR BY SIGNING THE PLANS.  
 REFERENCE REPORT NO. \_\_\_\_\_, DATED \_\_\_\_\_, 20\_\_\_\_  
 LETTER NO. \_\_\_\_\_, DATED \_\_\_\_\_, 20\_\_\_\_ SHALL BE THOROUGHLY COMPLIED WITH, BOTH THE MENTIONED REPORT AND ALL UPDATES/ADDENDUMS/ LETTERS ARE HEREBY APPENDED AND MADE A PART OF THIS GRADING PLAN.
- DURING CONSTRUCTION, ALL EXCAVATIONS AND GRADING SHALL BE INSPECTED BY THE APPLICANT'S SOILS ENGINEER. THE ENGINEER SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS BEFORE BEGINNING ANY GRADING. THE ENGINEER SHALL BE ON-SITE TO VERIFY THAT THE ACTUAL CONDITIONS ARE AS ANTICIPATED IN THE DESIGN-LEVEL GEOTECHNICAL REPORT AND/OR PROVIDE APPROPRIATE CHANGES TO THE REPORT RECOMMENDATIONS, AS NECESSARY. ALL UNOBSERVED AND/OR UNAPPROVED GRADING SHALL BE REMOVED AND REPLACED UNDER SOILS ENGINEER OBSERVANCE (THE TOWN INSPECTOR SHALL BE MADE AWARE OF ANY REQUIRED CHANGES PRIOR TO WORK BEING PERFORMED).
- THE RESULTS OF THE CONSTRUCTION OBSERVATION AND TESTING SHOULD BE  
 .....  
 ENGINEER AND SUBMITTED FOR THE TOWN'S REVIEW AND ACCEPTANCE BEFORE FINAL RELEASE OF ANY OCCUPANCY PERMIT IS GRANTED.
- ALL PRIVATE AND PUBLIC STREETS ACCESSING PROJECT SITE SHALL BE KEPT OPEN AND IN A SAFE, DRIVABLE CONDITION THROUGHOUT CONSTRUCTION. IF TEMPORARY CLOSURE IS NEEDED, THEN FORMAL WRITTEN NOTICE TO THE ADJACENT NEIGHBORS AND THE TOWN OF LOS GATOS PARKS AND PUBLIC WORKS DEPARTMENT SHALL BE PROVIDED AT LEAST ONE (1) WEEK IN ADVANCE OF CLOSURE AND NO CLOSURE SHALL BE GRANTED WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE TOWN. NO MATERIAL OR EQUIPMENT SHALL BE STORED IN THE PUBLIC OR PRIVATE RIGHT-OF-WAY.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN FENCES, BARRIERS, LIGHTS AND SIGNS THAT ARE NECESSARY TO GIVE ADEQUATE WARNING AND/PROTECTION TO THE PUBLIC AT ALL TIMES.
- OWNER/APPLICANT: CHRISTIAN & HELEN OLGAARD PHONE: 408 505-7715
- GENERAL CONTRACTOR: \_\_\_\_\_ PHONE: \_\_\_\_\_
- GRADING CONTRACTOR: \_\_\_\_\_ PHONE: \_\_\_\_\_
- .....  
 .....  
 .....EXPORT: 0 CY

- WATER SHALL BE AVAILABLE ON THE SITE AT ALL TIMES DURING GRADING OPERATIONS TO PROPERLY MAINTAIN DUST CONTROL.
- THIS PLAN DOES NOT APPROVE THE REMOVAL OF TREES. APPROPRIATE TREE REMOVAL PERMITS AND METHODS OF TREE PRESERVATION SHALL BE REQUIRED. TREE REMOVAL PERMITS ARE REQUIRED PRIOR TO THE APPROVAL OF ALL PLANS.
- A TOWN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY. A STATE ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN STATE RIGHT-OF-WAY (IF APPLICABLE). THE PERMITTEE AND/OR CONTRACTOR SHALL BE RESPONSIBLE COORDINATING INSPECTION PERFORMED BY OTHER GOVERNMENTAL AGENCIES.
- NO CROSS-LOT DRAINAGE WILL BE PERMITTED WITHOUT SATISFACTORY STORMWATER ACCEPTANCE DEED/FACILITIES. ALL DRAINAGE SHALL BE DIRECTED TO THE STREET OR OTHER ACCEPTABLE DRAINAGE FACILITY VIA A NON-EROSIVE METHOD AS APPROVED BY THE TOWN ENGINEER.
- IT IS THE RESPONSIBILITY OF CONTRACTOR AND/OR OWNER TO MAKE SURE THAT ALL DIRT TRACKED INTO THE PUBLIC RIGHT-OF-WAY IS CLEANED UP ON A DAILY BASIS. MUD, SILT, CONCRETE AND OTHER CONSTRUCTION DEBRIS SHALL NOT BE WASHED INTO THE TOWN'S STORM DRAINS.
- GOOD HOUSEKEEPING PRACTICES SHALL BE OBSERVED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. SUPERINTENDENCE OF CONSTRUCTION SHALL BE DILIGENTLY PERFORMED BY A PERSON OR PERSONS AUTHORIZED TO DO SO AT ALL TIMES DURING WORKING HOURS. THE STORING OF GOODS AND/OR MATERIALS ON THE SIDEWALK AND/OR THE STREET WILL NOT BE ALLOWED UNLESS A SPECIAL PERMIT IS ISSUED BY THE ENGINEERING DIVISION. THE ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE KEPT CLEAR OF ALL JOB RELATED DIRT AND DEBRIS AT THE END OF THE DAY. FAILURE TO MAINTAIN THE PUBLIC RIGHT-OF-WAY ACCORDING TO THIS CONDITION MAY RESULT IN PENALTIES AND/OR THE TOWN PERFORMING THE REQUIRED MAINTENANCE AT THE DEVELOPER'S EXPENSE.
- GRADING SHALL BE UNDERTAKEN IN ACCORDANCE WITH CONDITIONS AND REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION CONTROL PLAN AND/OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE TOWN OF LOS GATOS STORM WATER QUALITY MANAGEMENT PROGRAM, NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AND ANY OTHER PERMITS/REQUIREMENTS ISSUED BY THE STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD. PLANS (INCLUDING ALL UPDATES) SHALL BE ON-SITE AT ALL TIMES. NO DIRECT STORMWATER DISCHARGES FROM THE DEVELOPMENT WILL BE ALLOWED ONTO TOWN STREETS OR INTO THE PUBLIC STORM DRAIN SYSTEM WITHOUT TREATMENT BY AN APPROVED STORM WATER POLLUTION PREVENTION DEVICE OR OTHER APPROVED METHODS. MAINTENANCE OF PRIVATE STORMWATER POLLUTION PREVENTION DEVICES SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER. DISCHARGES OR CONNECTION WITHOUT TREATMENT BY AN APPROVED AND ADEQUATELY OPERATING STORMWATER POLLUTION PREVENTION DEVICE OR OTHER APPROVED METHOD SHALL BE CONSIDERED A VIOLATION OF THE ABOVE REFERENCED PERMIT AND THE TOWN OF LOS GATOS STORMWATER ORDINANCE.

TOWN OF LOS GATOS NPDES NOTES

- SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
- STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
- APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILL OR RESIDES SHALL BE IMPLEMENTED TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTY BY WIND OR RUNOFF AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
- RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES AND MUST NOT BE DISCHARGED TO RECEIVING WATERS OR TO THE LOCAL STORM DRAIN SYSTEM.
- ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES (BMPs) AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.
- AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY, ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.
- CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT A STORM DOES NOT CARRY WASTE OR POLLUTANTS OFF OF THE SITE. DISCHARGES OF MATERIAL OTHER THAN STORMWATER (NON-STORMWATER DISCHARGES) ARE PROHIBITED EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT OR THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR GRINDING DEBRIS; FLOPPABLE WASTES; WASTES FROM CONSTRUCTION EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; WASTES FROM STREET CLEANING; AND SUPERCHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
- DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.

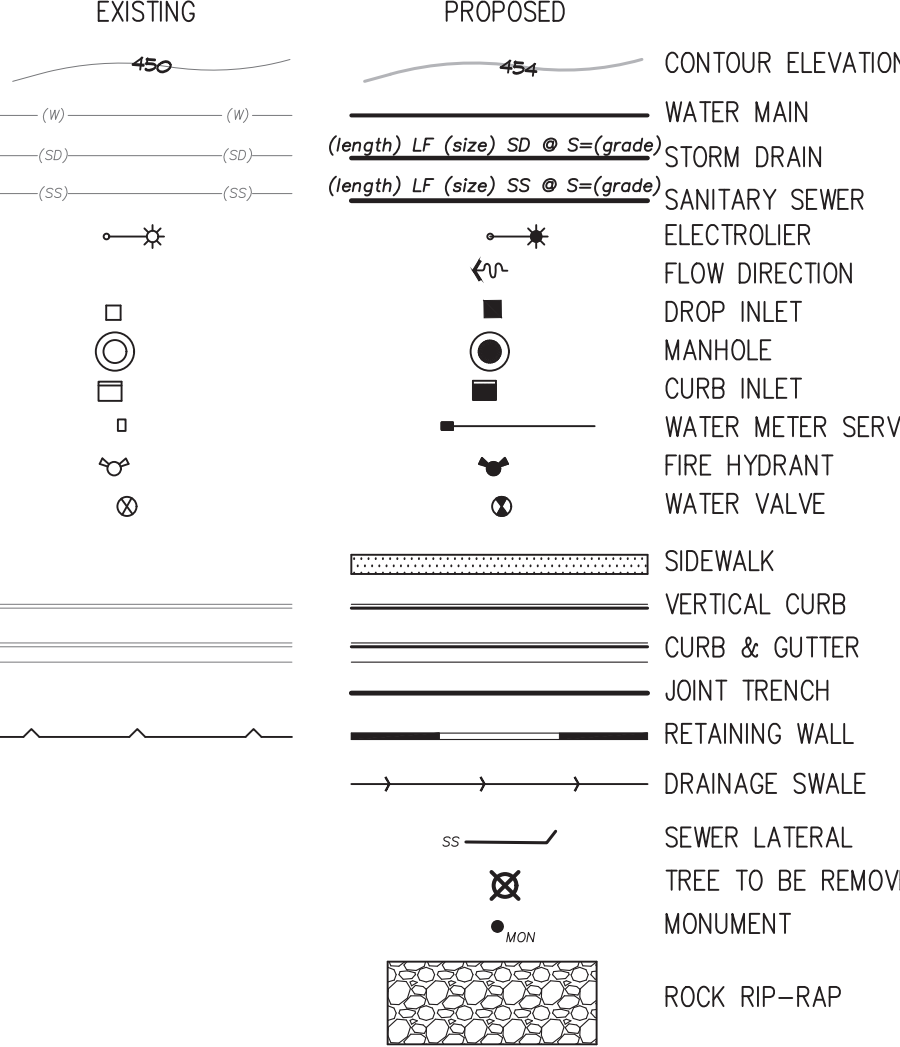
GENERAL NOTES

- PROPERTY ADDRESS: 15365 SANTELLA COURT
- PROPERTY OWNER: CHRISTIAN & HELEN OLGAARD
- ASSESSORS PARCEL NUMBER: 527-09-018
- EXISTING USE: VACANT
- EXISTING ZONING: HR-2 1/2 PD
- PROPOSED USE: SINGLE FAMILY RESIDENTIAL
- PROPOSED ZONING: HR-2 1/2 PD
- SITE AREA: 87,475 SQ. FT. (GROSS); DRIVEWAY: 6,797 SQ. FT.; 80,678 SQ. FT. (NET)
- APPLICANT/DEVELOPER: CHRISTIAN & HELEN OLGAARD
- CONSULTANTS:
- WATER SUPPLY: SAN JOSE WATER COMPANY
- SANITARY SEWER DISPOSAL: WEST VALLEY SANITATION DISTRICT
- GAS AND ELECTRIC: PACIFIC GAS & ELECTRIC
- TELEPHONE: FRONTIER COMMUNICATIONS
- CABLE: XFINITY
- STORM DRAIN: TOWN OF LOS GATOS
- FIRE PROTECTION: SANTA CLARA COUNTY FIRE DEPARTMENT
- DATUM:
- BASIS OF BEARINGS: BEARINGS AND DISTANCES ON THESE PLANS ARE BASED ON THE "CERTIFICATE OF LOT LINE ADJUSTMENT" DOCUMENT NO. 22956909; DATED MAY 19, 2015. SANTA CLARA COUNTY RECORDER.
- BENCHMARK INFORMATION: TOPOGRAPHIC SURVEY PROVIDED BY OWNER AND PERFORMED BY OTHERS. PROJECT BENCHMARK SET IN CULDESAC OF SANTELLA COURT A NAIL AND SHINER AT ELEVATION OF 721.01 FEET.

TABLE OF PROPOSED PERVIOUS AND IMPERVIOUS AREAS				
TOTAL SITE AREA:	87,475	TOTAL SITE AREA DISTURBED:	24,043	SF
<i>(INCLUDING CLEARING, GRADING OR EXCAVATING)</i>				
	EXISTING AREA (SF)	PROPOSED AREA (SF)		TOTAL AREA POST-PROJECT (SF)
		REPLACED	NEW	
IMPERVIOUS AREA	0	0	16,957	16,957
TOTAL NEW & REPLACED IMPERVIOUS AREA			16,957	
PERVIOUS AREA	88,135		0	

TABLE OF PROPOSED EARTHWORK QUANTITIES					
AREA DESCRIPTION	CUT (CY)	MAX CUT HEIGHT (SF)	FILL (CY)	MAX FILL DEPTH (SF)	EXPORT (CY)
HOUSE FOOTPRINT	*****	8.0	0	0	*****
CELLAR	N/A		N/A		
ATTACHED GARAGE	*****	7.9	0	0	*****
ACCESSORY BUILDING	N/A		N/A		
POOL	*****	11.8	0	0	*****
DRIVEWAY / ACCESS	*****	2.6	*****	2.5	*****
LANDSCAPE / OUTDOOR	*****	4	*****	3	*****
TOTAL	*****		*****		*****

LEGEND



SHEET INDEX

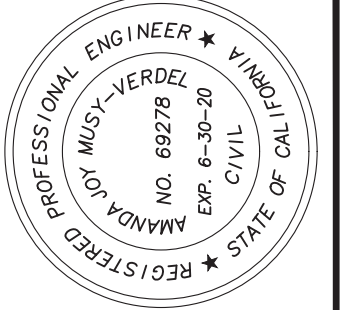
- C1 TOWN NOTES, PROJECT DATA LEGEND & ABBREVIATIONS
- C2 BLUEPRINT FOR A CLEAN BAY SHEET
- C3 EXISTING TOPOGRAPHY PLAN
- C4 SITE PLAN
- C5 DRIVEWAY PLAN & PROFILE
- C6 GRADING & DRAINAGE PLAN
- C7 SECTION AND DETAILS
- C8 EROSION CONTROL PLAN

ABBREVIATIONS

AB	AGGREGATE BASE	G	GAS	RCP	REINFORCED CONCRETE PIPE
AC	ASPHALT CONCRETE	GA	GAUGE	RM	RIM ELEVATION
AD	AREA DRAIN	GB	GRADE BREAK	R/W	RIGHT-OF-WAY
ARV	AIR RELEASE VALVE	GM	GAS METER	(S)	SOUTH
BC	BACK OF CURB	GS	GAS SERVICE	S	SLOPE
BFP	BACKFLOW PREVENTER	HDPE	HIGH-DENSITY POLYETHYLENE	SCC	SANTA CLARA COUNTY
BW	BOTTOM OF WALL	HP	HIGH POINT	SCCFD	SANTA CLARA COUNTY FIRE DEPARTMENT
CATV	CABLE TELEVISION	IE	INGRESS/EGRESS EASEMENT	SD	STORM DRAIN
CB	CATCH BASIN	IN	INCH	SDCO	STORM DRAIN CLEANOUT
CFS	CUBIC FEET PER SECOND	INV	INVERT ELEVATION	SDE	STORM DRAIN EASEMENT
C/L	CENTERLINE	LAT	LATERAL	SDMH	STORM DRAIN MANHOLE
CMP	CORRUGATED METAL PIPE	LG	LIP OF GUTTER	SDR	STANDARD DIMENSION RATIO
CO	CLEANOUT	LP	LOW POINT	SF	SQUARE FEET
CY	CUBIC YARD	MAX	MAXIMUM	SIWC	SAN JOSE WATER COMPANY
DCVA	DOUBLE CHECK VALVE ASSEMBLY	MH	MANHOLE	SS	SANITARY SEWER
DI	DROP INLET	MIN	MINIMUM	SSCO	SANITARY SEWER CLEANOUT
DIA	DIAMETER	MPH	MILES PER HOUR	SSE	SANITARY SEWER EASEMENT
DIP	DUCTILE IRON PIPE	(N)	NORTH	SSMH	SANITARY SEWER MANHOLE
DWY	DRIVEWAY	N.T.S.	NOT TO SCALE	STD	STANDARD
(E)	EAST	O.C.	ON CENTER	S/W	SIDEWALK
EG	EXISTING GRADE	Q.D.	OUTSIDE DIAMETER	TC	TOP OF CURB
ELEC	ELECTRICAL	PAD	PAD ELEVATION	TELE	TELEPHONE
EP	EDGE OF PATH	PCC	PORTLAND CEMENT CONCRETE	TLG	TOWN OF LOS GATOS
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT	PERF	PERFORATED	TW	TOP OF WALL
EX	EXISTING	PG&E	PACIFIC GAS & ELECTRIC COMPANY	TYP	TYPICAL
FC	FACE OF CURB	PIE	PRIVATE INGRESS/EGRESS EASEMENT	VCP	VITRIFIED CLAY PIPE
FDC	FIRE DEPARTMENT CONNECTION	PL	PROPERTY LINE	(W)	WEST
FF	FINISHED FLOOR ELEVATION	PR	PROPOSED	W	WATER
FG	FINISHED GRADE	PSDE	PRIVATE STORM DRAIN EASEMENT	WM	WATER METER
FH	FIRE HYDRANT	PSE	PUBLIC SERVICE EASEMENT	WS	WATER SERVICE
FL	FLOW LINE	PSSE	PRIVATE SANITARY SEWER EASEMENT	WV	WATER VALVE
FM	FORCED MAIN	PUE	PUBLIC UTILITY EASEMENT	WVS	WEST VALLEY SANITATION DISTRICT
FS	FIRE SERVICE	PVC	POLYVINYL CHLORIDE	XING	CROSSING
FT	FEET	R	RADIUS		

FLOODZONE STATEMENT

COMMUNITY PANEL NUMBER: 06085C0377H  
 MAP REVISED: MAY 18, 2009  
 PROJECT IS LOCATED IN ZONE X  
 ZONE X  
 AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.



DATE:	OCTOBER 22, 2019
SCALE:	AS SHOWN
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM

PLAN FOR THE IMPROVEMENT OF  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**TOWN NOTES, PROJECT DATA, LEGEND & ABBREVIATIONS**  
 ARCHITECTURE AND SITE APPLICATION NO. S-18-052  
 PARKS AND PUBLIC WORKS DEPARTMENT  
 TOWN OF LOS GATOS  
 PROJECT NO.: 18080

**HANNA-BRUNETTI**  
 EST. 1970  
 CIVIL ENGINEERS • LAND SURVEYORS  
 CONSTRUCTION MANAGERS  
 7651 EGGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
 OFFICE (408) 842-2713 • FAX (408) 842-2662  
 EMAIL: ENGINEERING@HANNABRUNETTI.COM

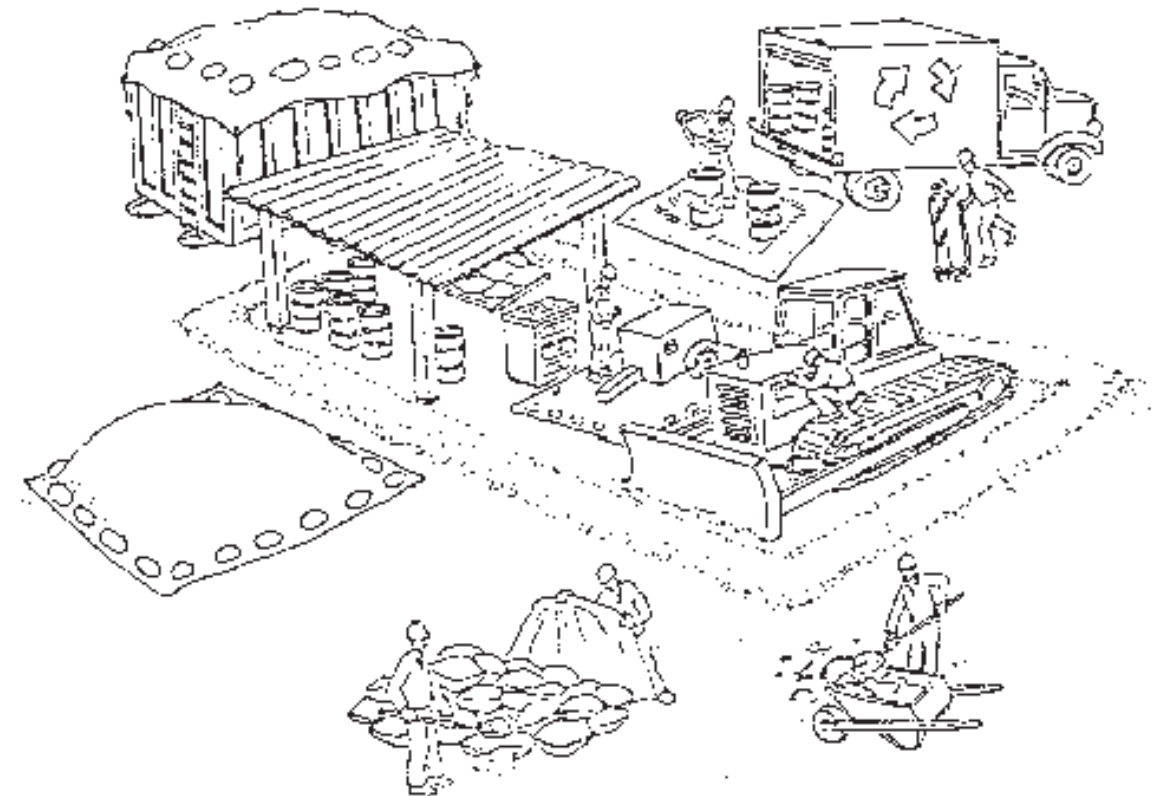
DATE	BY	REVISIONS	
		NO.	DESCRIPTION

SHEET C1 OF 8

# Pollution Prevention — It's Part of the Plan

## Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with local ordinance requirements.



### Materials storage & spill cleanup

#### Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

#### Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

#### Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain. Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Report any hazardous materials spills immediately! Dial 911 or your local emergency response number.

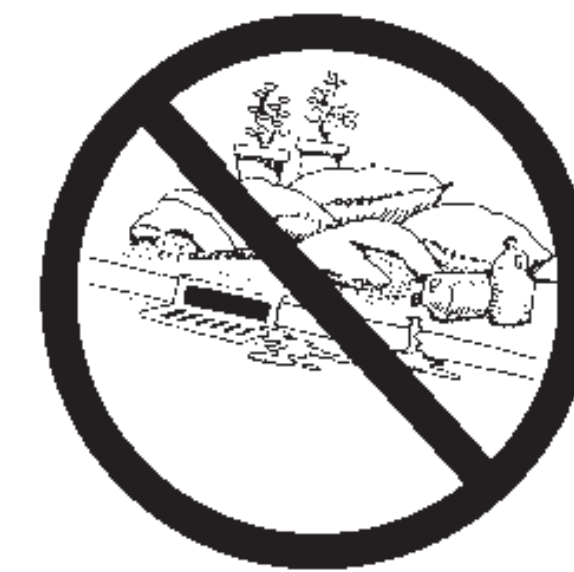
### Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinsewater to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



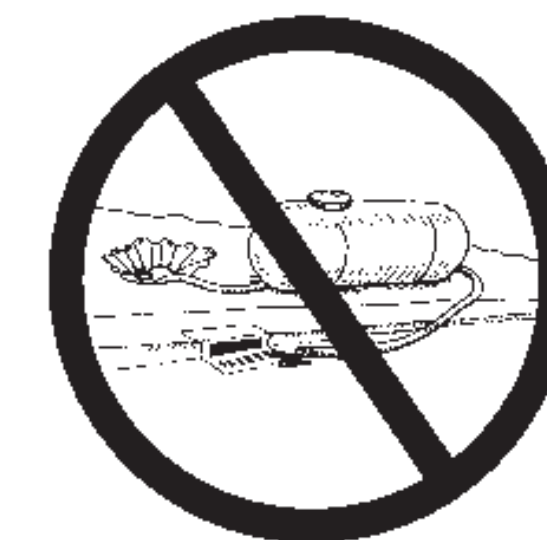
### Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it is least likely to collect in the street. Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use hay bales, silt fences, or other control measures to minimize the flow of silt off the site.
- ✓ Avoid scheduling earth moving activities during the rainy season if possible. If grading activities during wet weather are allowed in your permit, be sure to implement all control measures necessary to prevent erosion.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place hay bales down-slope until soil is secure.
- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call your local fire department for help in determining what testing should be done.
- ✓ Manage disposal of contaminated soil according to Fire Department instructions.



### Dewatering operations

- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call your city's storm drain inspector before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing to do and to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



### Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, hay bales, sand bags, or fine gravel dams to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.

### Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow on to dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.
- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.



### Paving/asphalt work

- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with hay bales, sand bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.



### Painting

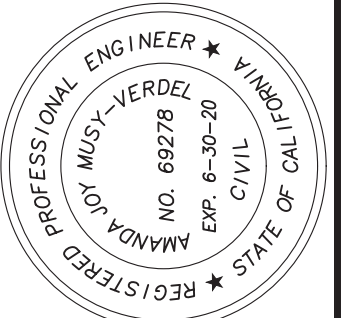
- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.



CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR ALL ACTIVITIES DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE CONTINUOUS AND NOT LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND ALL NEARBY AREAS FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND ALL NEARBY AREAS FROM DAMAGE.

**BASMAA** Bay Area Stormwater Management  
Agencies Association (BASMAA)  
1-888-BAYWISE

Storm drain polluters may be liable for fines of up to \$10,000 per day!



DATE: OCTOBER 22, 2019  
SCALE: NONE  
DESIGN: AM  
DRAWN: TM  
CHECK: XX  
ENGR: AM  
PROJECT NO.: 18080

GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
15365 SANTELLA COURT - APN 527-09-018  
**BLUEPRINT FOR A CLEAN BAY**  
ARCHITECTURE AND SITE APPLICATION NO. 5-18-052  
TOWN OF LOS GATOS  
PARKS AND PUBLIC WORKS DEPARTMENT

**HANNA BRUNETTI**  
EST. 1970  
CIVIL ENGINEERS • LAND SURVEYORS  
CONSTRUCTION MANAGERS  
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
OFFICE (408) 842-2173 • FAX (408) 842-2662  
EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	DATE

SHEET C2 OF 8



CONTRACTOR AGREES THAT THE DESIGN ASSUMPTIONS, USE AND COMPLETE RESPONSIBILITY FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND THE ENGINEER SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF WORK ON THIS PROJECT, ACCEPTING FOR LIABILITY ARISING FROM THE SALE, REGULATION OF THE ENGINEER.

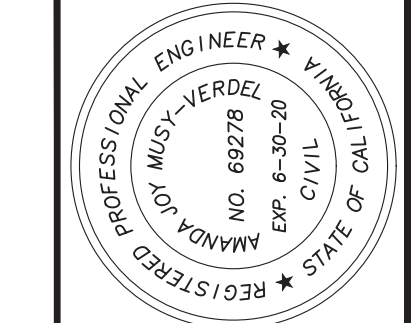
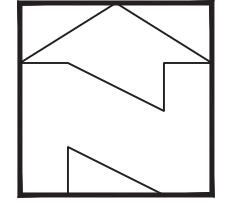
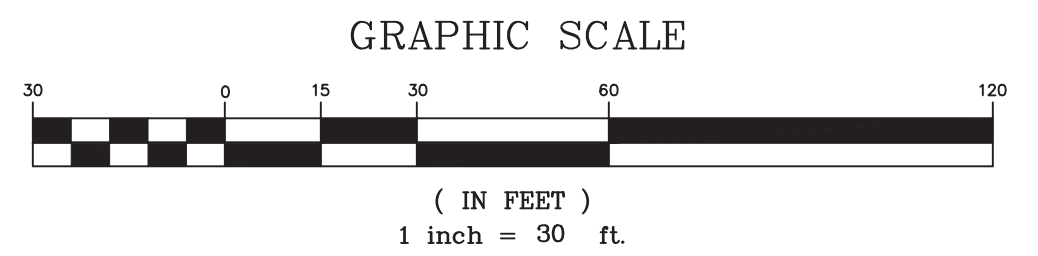
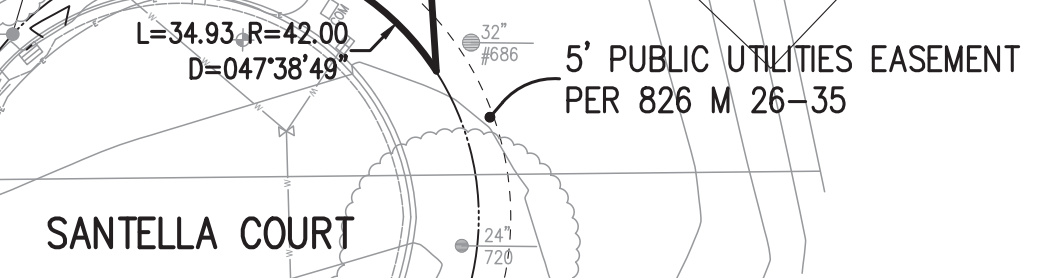
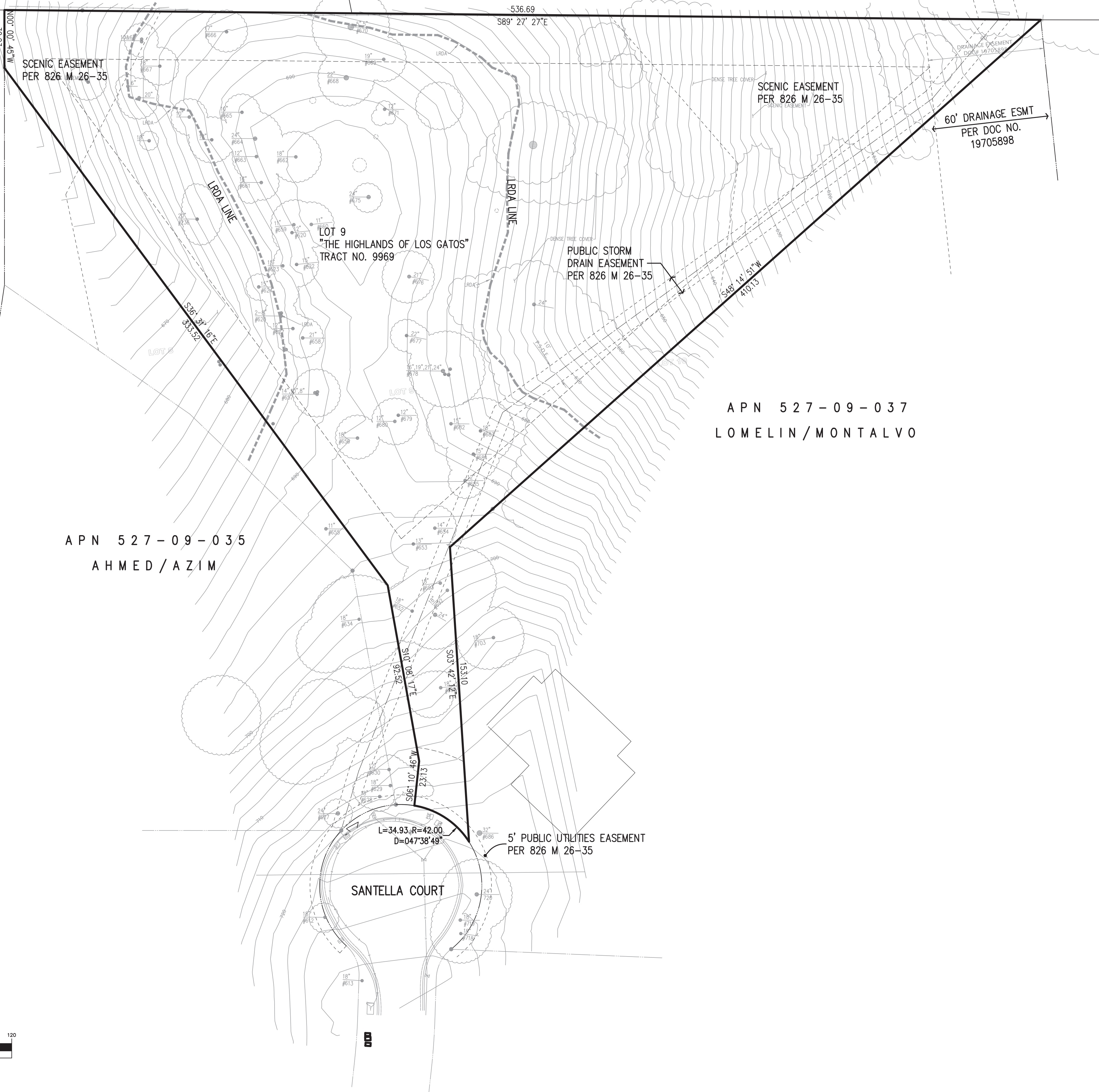
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MAYER

APN 527-11-009  
MOFFAT

APN 527-11-008  
RUSSELL

APN 527-09-035  
AHMED/AZIM

APN 527-09-037  
LOMELIN/MONTALVO



DATE:	OCTOBER 22, 2019
SCALE:	1"=30'
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM
PROJECT NO.:	18080

GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**EXISTING TOPOGRAPHY**  
 ARCHITECTURE AND SITE APPLICATION NO. S-18-052  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT

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 EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	BY	DATE

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION ON THIS PLAN, INCLUDING THE INFORMATION ON WHICH THIS PLAN IS BASED, AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY INFORMATION FROM THE OWNER AND THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY INFORMATION FROM THE OWNER AND THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY INFORMATION FROM THE OWNER AND THE ENGINEER.

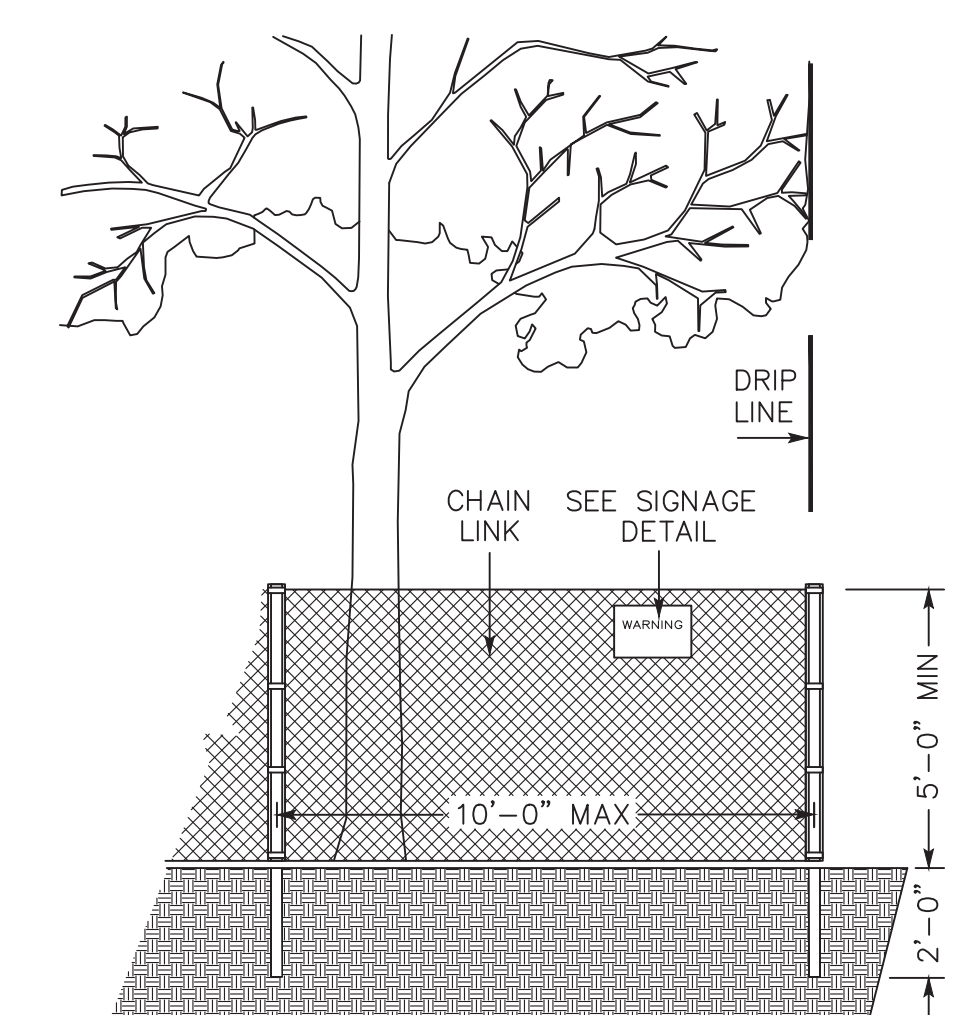
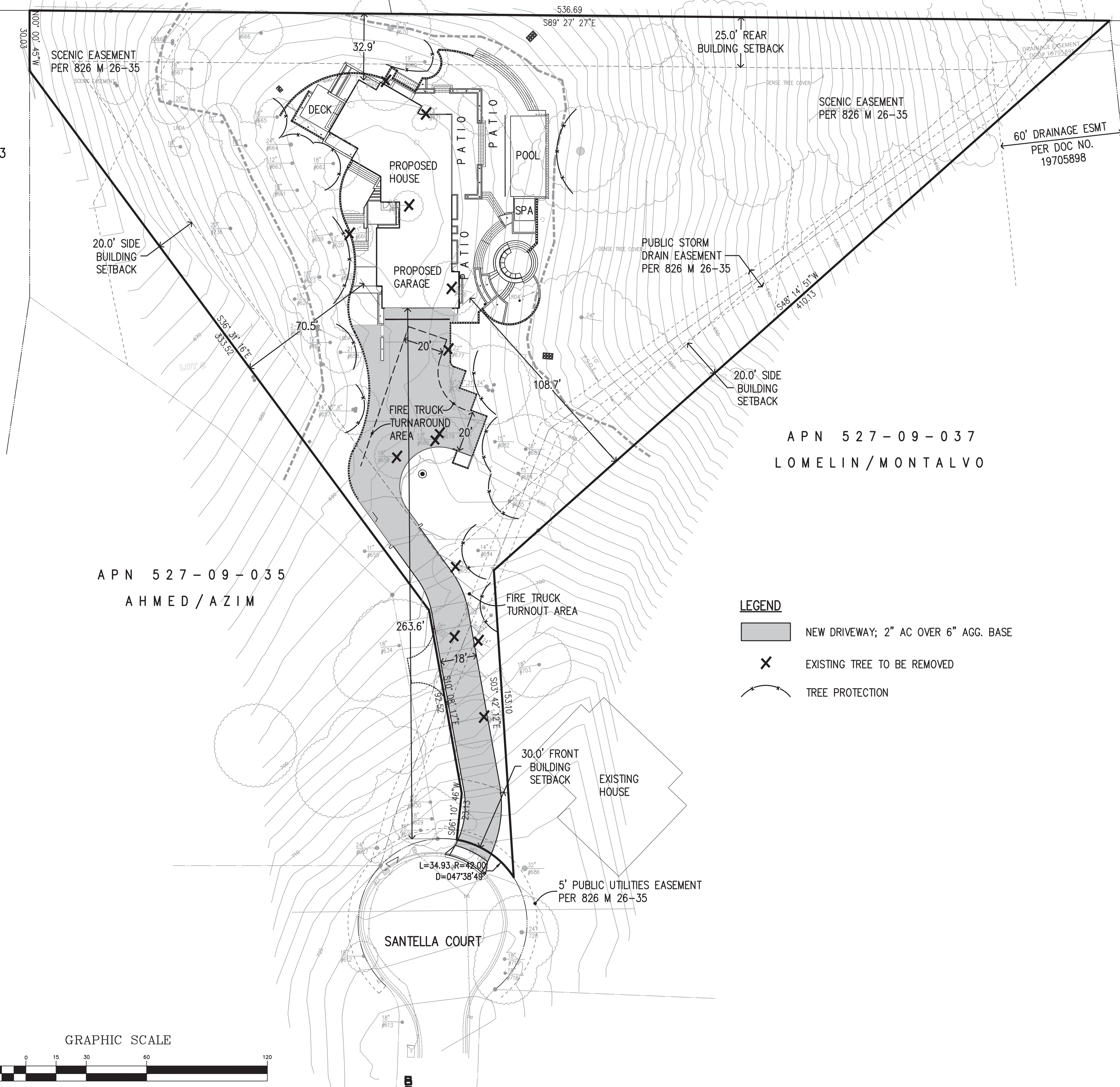
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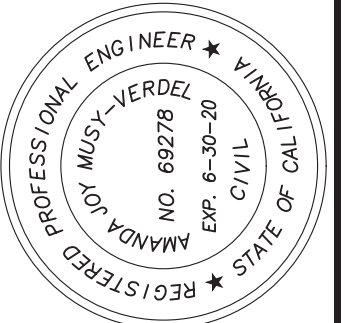
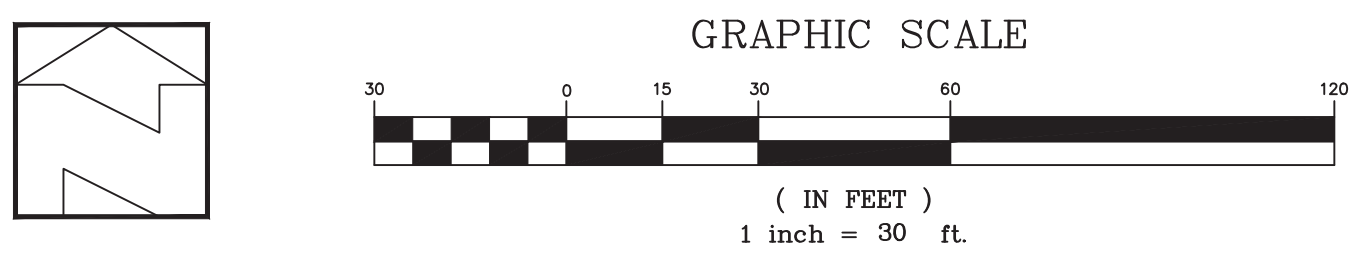
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LOMELIN/MONTALVO



**EXISTING TREE PROTECTION DETAILS**

- PRIOR TO THE COMMENCEMENT OF ANY GRADING, TREE PROTECTIVE FENCING SHALL BE IN PLACE IN ACCORDANCE WITH THE TREE PRESERVATION PLAN AND INSPECTED BY A CERTIFIED ARBORIST. THE ARBORIST SHALL MONITOR CONSTRUCTION ACTIVITY TO ENSURE THAT THE TREE PROTECTION MEASURES ARE IMPLEMENTED AND ADHERED TO DURING CONSTRUCTION. THIS CONDITION SHALL BE INCORPORATED INTO THE GRADING PLANS.
- FENCE SHALL BE MINIMUM 5 FEET TALL CONSTRUCTED OF STURDY MATERIAL (CHAIN-LINK OR EQUIVALENT STRENGTH/ DURABILITY).
- FENCE SHALL BE SUPPORTED BY VERTICAL POSTS DRIVEN 2 FEET (MIN) INTO THE GROUND AND SPACED NOT MORE THAN 10 FEET APART.
- TREE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE DURING THE CONSTRUCTION PERIOD, INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION, REPAIRED AS NECESSARY TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES, AND REMAIN IN PLACE UNTIL THE FINAL INSPECTION.
- A SIGN THAT INCLUDES THE WORDS, "WARNING: THIS FENCE SHALL NOT BE REMOVED WITHOUT THE EXPRESSED PERMISSION OF THE SANTA CLARA COUNTY PLANNING OFFICE," SHALL BE SECURELY ATTACHED TO THE FENCE IN A VISUALLY PROMINENT LOCATION.

- LEGEND**
- NEW DRIVEWAY; 2" AC OVER 6" AGG. BASE
  - EXISTING TREE TO BE REMOVED
  - TREE PROTECTION



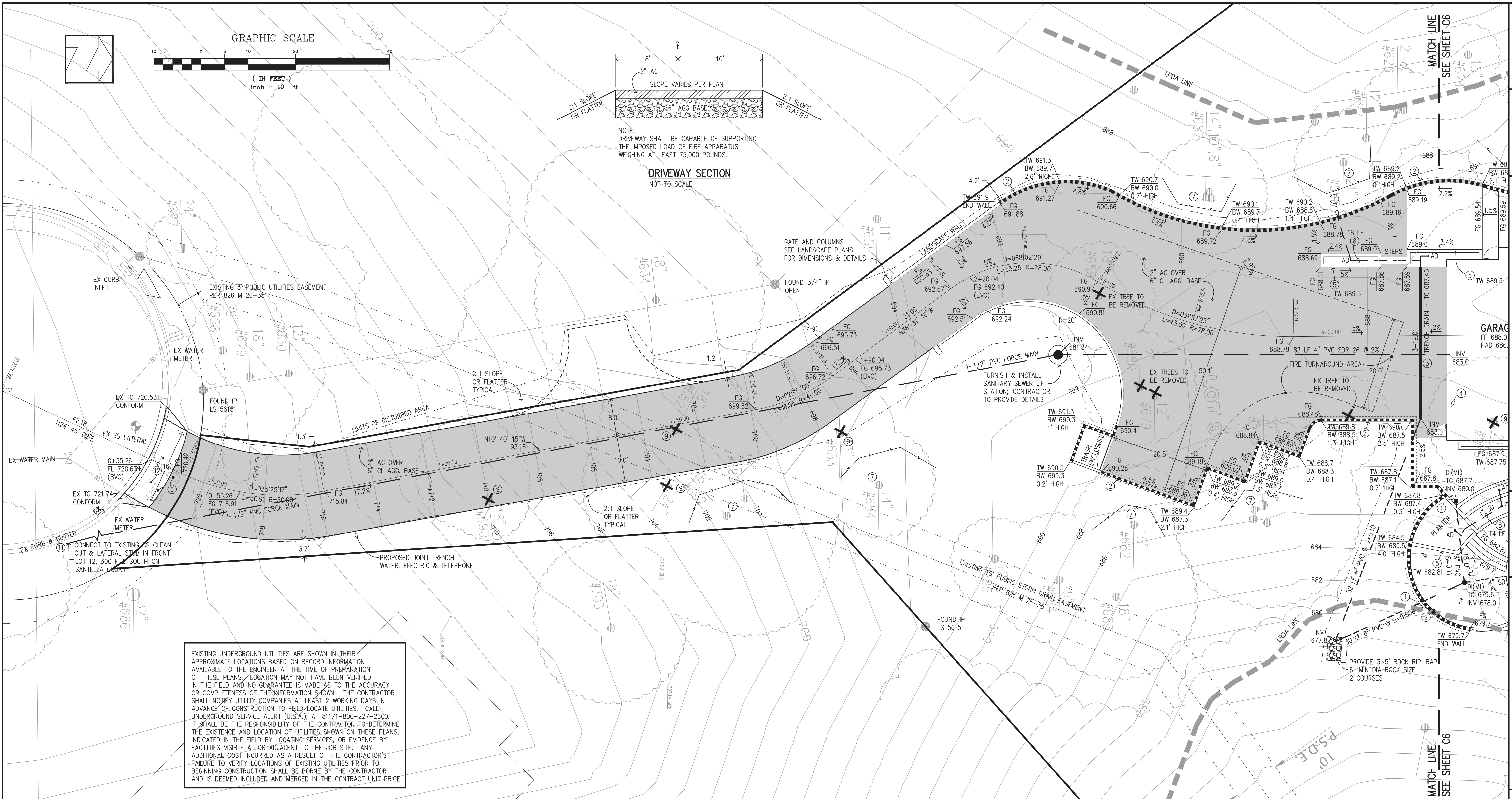
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GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**GRADING & DRAINAGE PLAN**  
ARCHITECTURE AND SITE APPLICATION NO. 5-18-052  
TOWN OF LOS GATOS  
PARKS AND PUBLIC WORKS DEPARTMENT

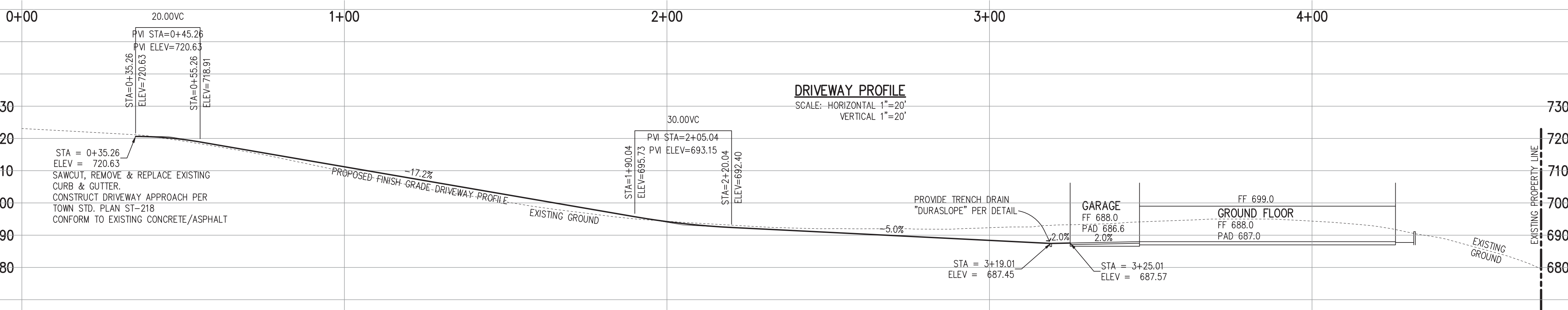
**HANNA-BRUNETTI**  
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REVISIONS	DATE

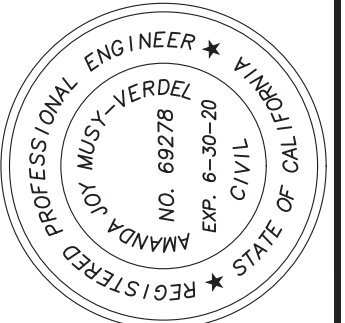
CONTRACTOR AGREES TO BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE CONTINUOUS AND NOT LIMITED TO NORMAL WORKING HOURS. AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE CONTINUOUS AND NOT LIMITED TO NORMAL WORKING HOURS.



EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED ON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATION MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD-LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 811/1-800-227-2600. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THESE PLANS, INDICATED IN THE FIELD BY LOCATING SERVICES, OR EVIDENCE BY FACILITIES VISIBLE AT OR ADJACENT TO THE JOB SITE. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR AND IS DEEMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.



- CONSTRUCTION NOTES**
- CONNECT RETAINING WALL SUBDRAIN TO NEW STORM DRAIN SYSTEM; TYPICAL
  - CONSTRUCT RETAINING WALL; SEE STRUCTURAL PLANS FOR DIMENSIONS AND DETAILS; TYPICAL
  - FURNISH & INSTALL TRENCH DRAIN "DURASLOPE"; SEE SHEET C7 FOR DETAIL OR APPROVED EQUAL
  - JOINT TRENCH TO HOUSE; WATER, GAS, ELECTRIC & TELEPHONE
  - PLANTER; SEE LANDSCAPE PLANS FOR DETAILS TOP OF PLANTER PER LANDSCAPE PLAN
  - EXISTING UTILITY BOXES; ADJUST TO NEW FINISH GRADE AND UPGRADE TO TRAFFIC RATED LID
  - EXISTING TREE TO REMAIN; PROVIDE TREE PROTECTION PER DETAIL SEE SHEET C4
  - NEW 4" PVC STORM DRAIN PIPE AT MINIMUM 0.5 PERCENT SLOPE
  - EXISTING TREE TO BE REMOVED
  - PROPOSED OUTDOOR SHOWER AREA PLUMBING TO BE CONNECTED TO MAIN HOUSE PLUMBING FOR WATER SUPPLY AND DRAINAGE. SEE PLUMBING PLANS FOR DETAILS.
  - FURNISH & INSTALL 1.5" PVC FORCE MAIN ALONG SANTELLA COURT TO EX CLEANOUT LOCATED 300 FT± SOUTH
  - SAWCUT, REMOVE & REPLACE EXISTING SECTION OF CURB & GUTTER CONSTRUCT 16" WIDE DRIVEWAY APPROACH PER TOWN STD. PLAN NO. ST-219; CONFORM TO EXISTING CONCRETE/ASPHALT.



DATE: OCTOBER 22, 2019  
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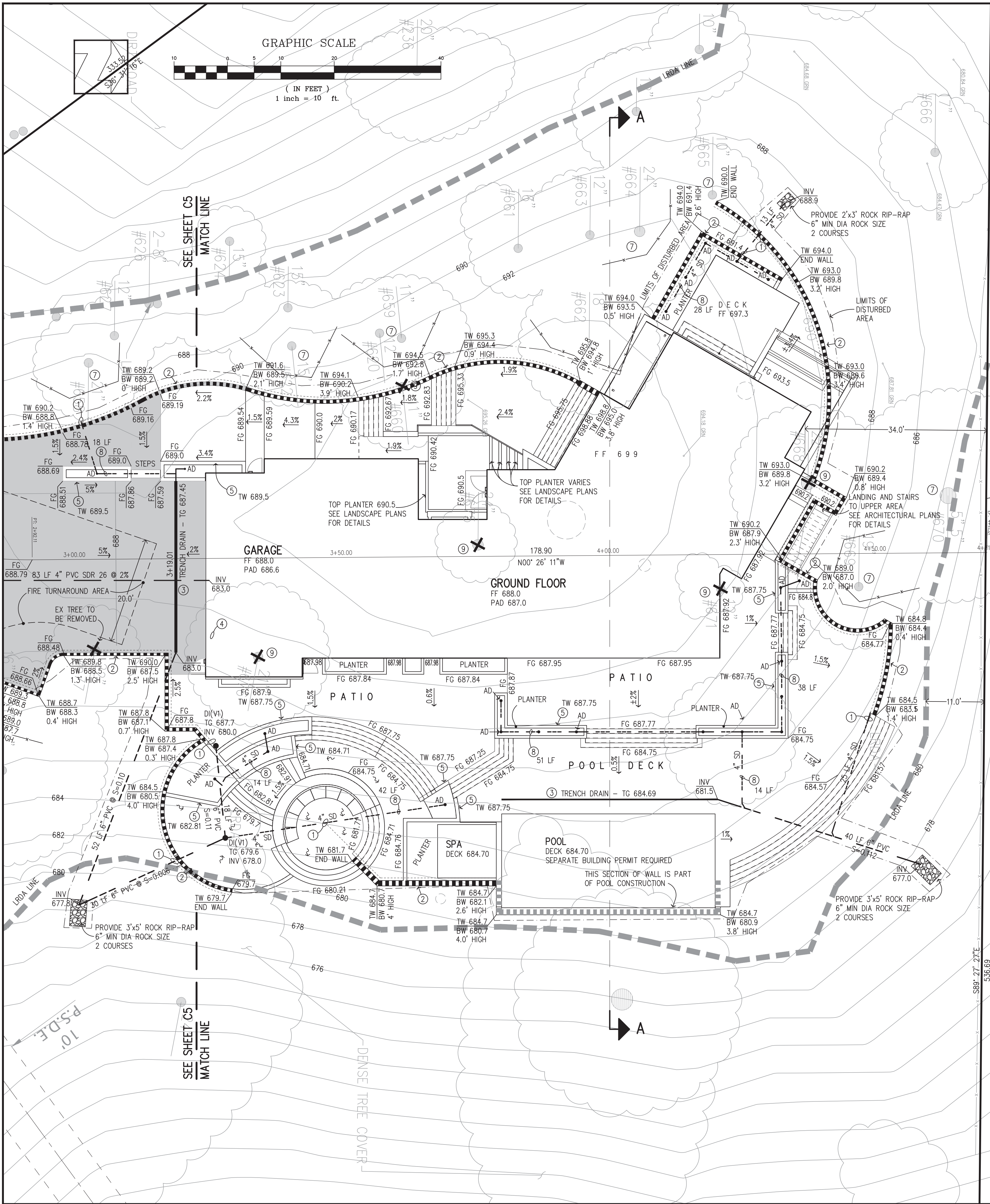
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**DRIVEWAY PLAN & PROFILE**  
 ARCHITECTURE AND SITE APPLICATION NO. S-18-052  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT

**HANNA BRUNETTI**  
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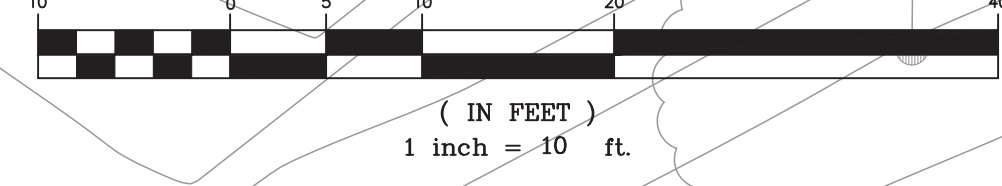
DATE	REVISIONS

SHEET C5 OF 8

CONTRACTOR AGREES TO THE SPECIAL ASSUMPTIONS, SCOPE AND COMPLETE RESPONSIBILITY FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT FOR LIABILITY INSURANCE IS NOT LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL MAINTAIN, THROUGHOUT THE PROJECT, SUFFICIENT LIABILITY INSURANCE TO COVER THE FULL REQUIREMENT OF THE OWNER AND THE ENGINEER.



GRAPHIC SCALE



**Slope Density of Proposed Developed Area**

$$S = \frac{0.0023 (I \times L)}{A}$$

S = the slope density  
 I = the contour interval in feet = 1 ft  
 L = the sum length of contour lines in feet = 25,080  
 A = the area in acres = 1.85

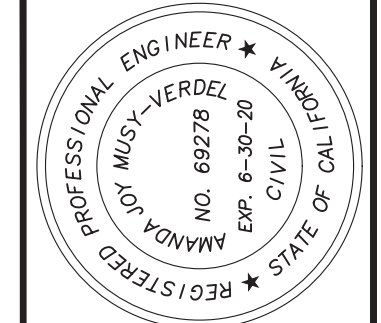
$$S = \frac{0.0023 (1 \times 25080)}{1.85} = 31.18\%$$

**CONSTRUCTION NOTES**

1. CONNECT RETAINING WALL SUBDRAIN TO NEW STORM DRAIN SYSTEM; TYPICAL
2. CONSTRUCT RETAINING WALL; SEE STRUCTURAL PLANS FOR DIMENSIONS AND DETAILS; TYPICAL
3. FURNISH & INSTALL TRENCH DRAIN "DURASLOPE"; SEE SHEET C7 FOR DETAIL OR APPROVED EQUAL
4. JOINT TRENCH TO HOUSE; WATER, GAS, ELECTRIC & TELEPHONE
5. PLANTER; SEE LANDSCAPE PLANS FOR DETAILS TOP OF PLANTER PER LANDSCAPE PLAN
6. EXISTING UTILITY BOXES; ADJUST TO NEW FINISH GRADE AND UPGRADE TO TRAFFIC RATED LID
7. EXISTING TREE TO REMAIN; PROVIDE TREE PROTECTION PER DETAIL SEE SHEET C4
8. NEW 4" PVC STORM DRAIN PIPE AT MINIMUM 0.5 PERCENT SLOPE
9. EXISTING TREE TO BE REMOVED
10. PROPOSED OUTDOOR SHOWER AREA PLUMBING TO BE CONNECTED TO MAIN HOUSE PLUMBING FOR WATER SUPPLY AND DRAINAGE. SEE PLUMBING PLANS FOR DETAILS.
11. FURNISH & INSTALL 1.5" PVC FORCE MAIN ALONG SANTELLA COURT TO EX CLEANOUT LOCATED 300 FT± SOUTH
12. SAWCUT, REMOVE & REPLACE EXISTING SECTION OF CURB & GUTTER CONSTRUCT 16" WIDE DRIVEWAY APPROACH PER TOWN STD. PLAN NO. ST-219; CONFORM TO EXISTING CONCRETE/ASPHALT.

**NOTES**

1. AREA DRAINS (AD) FOR PLANTER AREAS SHALL BE CONNECTED TO STORM DRAIN SYSTEM WITH 4" PVC STORM DRAIN PIPE (4" SD) AT A MINIMUM OF 0.5 PERCENT SLOPE WITH MINIMUM 18 INCH OF COVER.
2. CONNECT RAINWATER LEADERS TO STORM DRAIN SYSTEM OR DRAIN TO SPLASH BLOCKS INTO LANDSCAPE AREAS.
3. PROVIDE SANITARY SEWER LIFT STATION AND FORCE MAIN TO MANHOLE/LATERAL IN STREET. CONTRACTOR TO PROVIDE DETAILS AND SPECIFICATIONS TO TOWN.
4. HARDSCAPE (FRONT ENTRANCE, PATIO AND POOL DECK AREA): 4" CONCRETE OVER 4" GRAVEL OR PER OWNER'S DIRECTION
5. HOUSE OUTLINE SHOWN FOR REFERENCE ONLY; PRIOR TO CONSTRUCTION STAKING VERIFY WITH ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
6. RETAINING WALL SUBDRAINS TO EITHER CONNECT TO NEW STORM DRAIN SYSTEM OR DRAIN TO DAYLIGHT WITH ROCK RIP-RAP AT END OF PIPE.



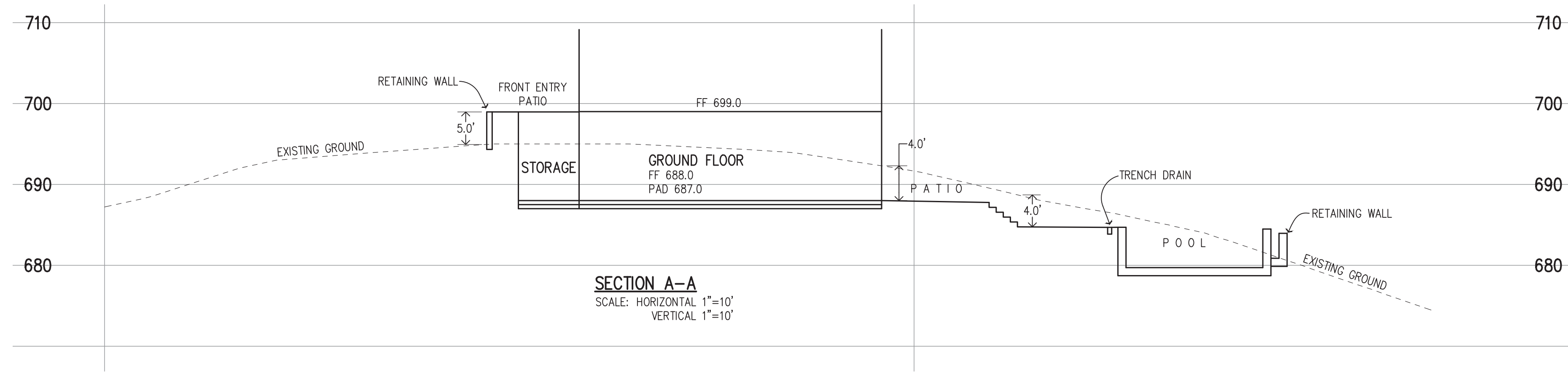
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GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**GRADING & DRAINAGE PLAN**  
 ARCHITECTURE AND SITE APPLICATION NO. S-18-052  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT

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**NDS**

**DURA SLOPE™ TRENCH DRAIN – PRE-SLOPED (PATENTED)**

**Product Features & Benefits**

- Interlocking tongue and groove joints**
  - Secures alignment
  - Ensures straight channel runs
  - Easy assembly and installation
- DuraLoc™ Integral joint lock**
  - Prevents joint movement during installation
  - No extra clamps or screws required

**DRAINAGE**

- Various grating options**
  - ADA compliant, Heat-Proof options
  - Plastic grates
  - Array of colors
  - Pedestrian and light traffic rated
  - Galvanized & stainless steel
  - Pedestrian & heavy traffic rated
  - Chair & ductile iron
  - Class II heavy traffic rated (with frame)
  - Decorative grates (due file, hon)
  - Standard black electrocoat coating or new top Class C traffic rated
- Lightweight 4 ft. modular sections**
  - Easier handling and installation
  - Lower freight costs
- Blank grate insert**
  - Eliminates use of plywood
  - Slides for overlapping of adjacent sections
  - Includes grate screws
- Smooth HDPE interior**
  - Virtually no water absorption
- HDPE material**
  - Durable
  - Impervious
  - Less breakage versus concrete
  - Chemical resistant
- 0.7% Built-in slope**
  - Maintains optimum flow rates throughout system
  - Also available in neutral, non-sloped sections
  - Thickened end joints available in depths from 4" to 12"
- Bottom outlet on each channel section**
  - System versatility
  - Repairs fewer sections
- 2" radius bottom**
  - Minimizes debris build-up
- LevelLoc™ re-bar supports with integral protruding knob**
  - Levels channel and grips re-bar
  - Requires fewer accessories
- ProFit™ locking system**
  - Locks grate to metal frame
  - Supports product in stopping and installation (included)

Product Catalog 2016/2017

**Christy** **V1 Drain Box 8-5/8" I.D. x 12"**

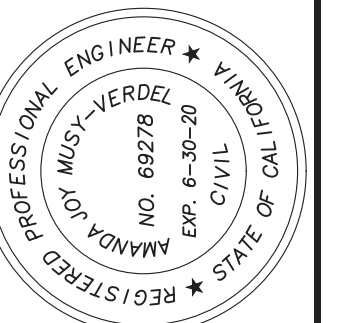
- Etched Polyethylene Face
- Face Anchored in Concrete
- Ultraviolet Inhibitor

A reinforced concrete dual purpose box designed for either light purpose drainage installations or enclosing sewer cleanouts in foot traffic areas. Tapered shoulders prevent settling. Notch accommodates up to approximately 4" O.D. pipe or drain tile. Approximate dimensions shown.

CHRISTY ORDERING CODE	ITEM	APPROX. SHIPPING WEIGHT	DESCRIPTION
V1BOX	Drain Box	45	V1 Drain Box (8-1/2" I.D. x 11-3/4" high) — 24 Per Pallet
FBC	Lid	9	D210 Reinforced Concrete
FBC	Lid	7	C210 Cast Iron
V1-71C	Grate	10	71C213 Cast Iron

TO FIND CENTIMETERS MULTIPLY INCHES BY 2.5  
TO FIND KILOGRAMS MULTIPLY POUNDS BY 45.

QUALITY PRECAST CONCRETE PRODUCTS



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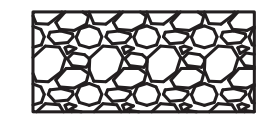



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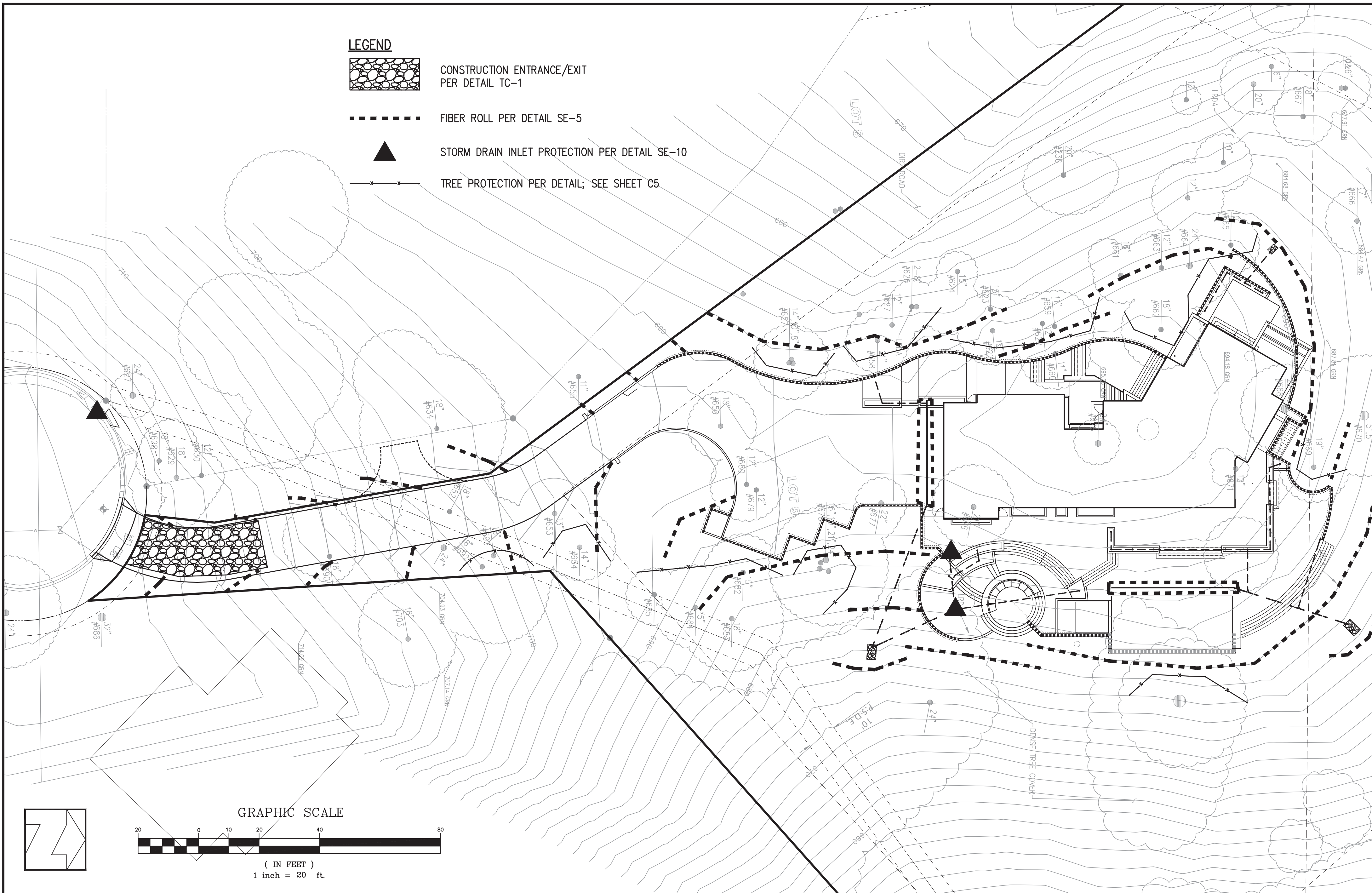
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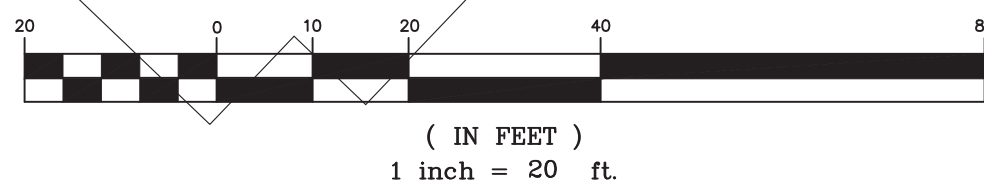
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**LEGEND**

-  CONSTRUCTION ENTRANCE/EXIT PER DETAIL TC-1
-  FIBER ROLL PER DETAIL SE-5
-  STORM DRAIN INLET PROTECTION PER DETAIL SE-10
-  TREE PROTECTION PER DETAIL; SEE SHEET C5



**GRAPHIC SCALE**



**EROSION CONTROL NOTES**

1. EROSION CONTROL MEASURES SHALL BE EFFECTIVE FOR CONSTRUCTION DURING THE RAINY SEASON; OCTOBER 15 THROUGH APRIL 15.
2. NO STORM WATER RUNOFF SHALL BE ALLOWED TO DRAIN INTO THE EXISTING AND/OR PROPOSED UNDERGROUND STORM SYSTEM UNTIL SUITABLE EROSION CONTROL MEASURES ARE FULLY IMPLEMENTED. NO STORM WATER RUNOFF SHALL BE ALLOWED TO ENTER THE STORM DRAIN SYSTEM THAT IS NOT CLEAR, AND FREE OF SILTS.
3. A FIBER ROLL BARRIER PER "DETAIL SE-5" SHALL BE INSTALL ALONG THE PERIMETER OF THE PROJECT SITE. THE LOCATION OF THE FIBER ROLL ALONG THE PERIMETER SHALL BE ADJUSTED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. A FIBER ROLL SHALL ALSO BE REQUIRED AROUND THE PERIMETER OF ANY STOCKPILE OR OTHER SITE OF BARE, LOOSE EARTH.
4. ALL STORM DRAIN MANHOLES, CATCH BASINS, AND/OR DROP INLETS THAT ARE TO ACCEPT STORM WATER SHALL HAVE INLET PROTECTION MEASURES PER DETAIL SE-10. STORM WATER RUNOFF SHALL BE DIRECTED TO THESE INLETS ONLY. STORM DRAIN CATCH BASINS THAT ARE NOT COMPLETE, SHALL BE BLOCKED OFF COMPLETELY.
5. THE NAME, ADDRESS, AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR THE IMPLEMENTATION OF THE EROSION CONTROL PLAN SHALL BE PROVIDED TO THE CITY.
6. PRIOR TO GRADING, AN ENTRANCE SHALL BE CONSTRUCTED, CONSISTING OF A MINIMUM OF 50 LF OF DRAIN ROCK, 3" IN DIAMETER, PLACED OVER MIRAFI 500X (OR EQUAL) PER DETAIL TC-1. THE ENTRANCE SHALL CONFORM TO "CONSTRUCTION ENTRANCE DETAIL TC-1". THERE SHALL BE ONLY ONE ENTRANCE/EXIT POINT TO THE SITE DURING THE RAINY SEASON. THE LOCATION SHALL BE AS SHOWN ON THESE PLANS, OR AT A LOCATION APPROVED BY THE CITY.
7. ALL AREAS OF BARE, TURNED OR DISTURBED EARTH SHALL BE STABILIZED BY USE OF HYDROSEED PER THE TABLE BELOW. ALL STOCKPILES, AND/OR BORROW AREAS SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES SUCH AS A PERIMETER SILT FENCE, AND OTHER METHODS TO PREVENT ANY EROSION OR SILTS MIGRATION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS, BUT ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE COUNTY INSPECTOR. THE STORM DRAIN SYSTEM SHALL MAINTAIN A FORM OF DRAIN INLET PROTECTION UNTIL COUNTY ACCEPTS THE FINAL STREET IMPROVEMENTS. THE DRAIN INLET PROTECTION SHALL BE MAINTAINED, EFFECTIVE AND SUBJECT TO COUNTY INSPECTOR'S APPROVAL.
8. ALL PAVED STREET, AND AREAS ADJACENT TO THE SITE SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO ELIMINATE SEDIMENT LADEN RUNOFF FROM ENTERING THE STORM DRAIN SYSTEM.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH DAY DURING THE RAINY SEASON. ANY DAMAGED STRUCTURAL MEASURES ARE TO BE REPAIRED BY END OF THE DAY. TRAPPED SEDIMENT IN "SD INLETS" (AND OTHER EROSION CONTROL MEASURES) SHALL BE REMOVED TO MAINTAIN TRAP EFFICIENCY. REMOVED SEDIMENT SHALL BE DISPOSED BY SPREADING ON SITE, WHERE IT WILL NOT MIGRATE.
10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREVENT THE FORMATION OF AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM A FAILURE TO DO SO.
11. ALL DRAIN SWALES SHALL BE PER DETAIL EC-9.
12. INCOMPLETE GRADING SHALL NOT BE ALLOWED. CONTRATOR SHALL MAINTAIN A DRAIN PATH AS SHOWN ON THIS PLAN. SAID DRAIN PATH SHALL BE MAINTAINED LINED DRAIN SWALES, AND INLET PROTECTION AT A MINIMUM. IF PONDING DOES OCCUR ON THE SITE AFTER GRADING, THE WATER MUST BE FREE AND CLEAR OF SEDIMENT PRIOR TO DISCHARGE TO THE STORM DRAIN SYSTEM. THIS REQUIREMENT MAY NECESSITATE THE USE OF NATURAL AND/OR MECHANICAL DESILTING METHODS, SUBJECT TO APPROVAL BY THE COUNTY INSPECTOR.
13. F THESE EROSION CONTROL MEASURE PROVE INADEQUATE, STRAW MULCH, TACKIFIER, AND ADDITIONAL HYDROSEEDING MAY BE REQUIRED.

**HYDROSEED TABLE**

ITEM	LBS/ACRE
COMMON BARLEY	45
ANNUAL RYEGRASS	45
CRIMSON CLOVER	10
FERTILIZER 7-2-3	400
FIBER MULCH	2000
TACKIFIER	100

14. ALL GRADING WORK BETWEEN OCTOBER 15th and APRIL 15th is AT THE DISCRETION OF THE CITY INSPECTOR.
15. PROVIDE SHRUBS AND/OR TREES REQUIRED ON SLOPES GREATER THAN 15 FEET IN VERTICAL HEIGHT.
16. THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL INSTALL AND MAINTAIN THROUGHOUT THE DURATION OF CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL WITHIN THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY BEST MANAGEMENT PRACTICES (BMP'S) TO PREVENT CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, WASTE MATERIALS, AND SEDIMENT CAUSED BY EROSION FROM CONSTRUCTION ACTIVITIES ENTERING THE STORM DRAIN SYSTEM, WATERWAYS, AND ROADWAY INFRASTRUCTURE. BMP'S SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING PRACTICES APPLICABLE TO THE PUBLIC ROAD AND EXPRESSWAY FACILITIES:
  - A) REDUCTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN/STAGING AREAS.
  - B) PREVENTION OF TRACKING OF MUD, DIRT AND CONSTRUCTION MATERIALS ONTO PUBLIC ROAD RIGHT OF WAY.
  - C) PREVENTION OF DISCHARGE OF WATER RUNOFF DURING DRY AND WET WEATHER CONDITIONS ONTO PUBLIC ROAD RIGHT OF WAY.
17. THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON-HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE CITY RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE CITY RIGHT OF WAY SHALL HAVE SEASONALLY APPROPRIATE BMP'S INSTALLED AND MAINTAINED AT ALL TIMES.

PROJECT SIZE	CRUSHED ROCK	LENGTH OF ATB
≤ 1/4 ACRE	30	0
≤ 1 ACRE	50	0
≤ 3 ACRE	100	0
> 3 ACRE	100	50

**NOTES:**

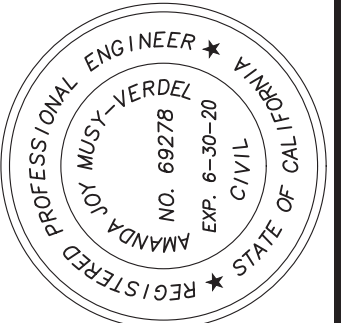
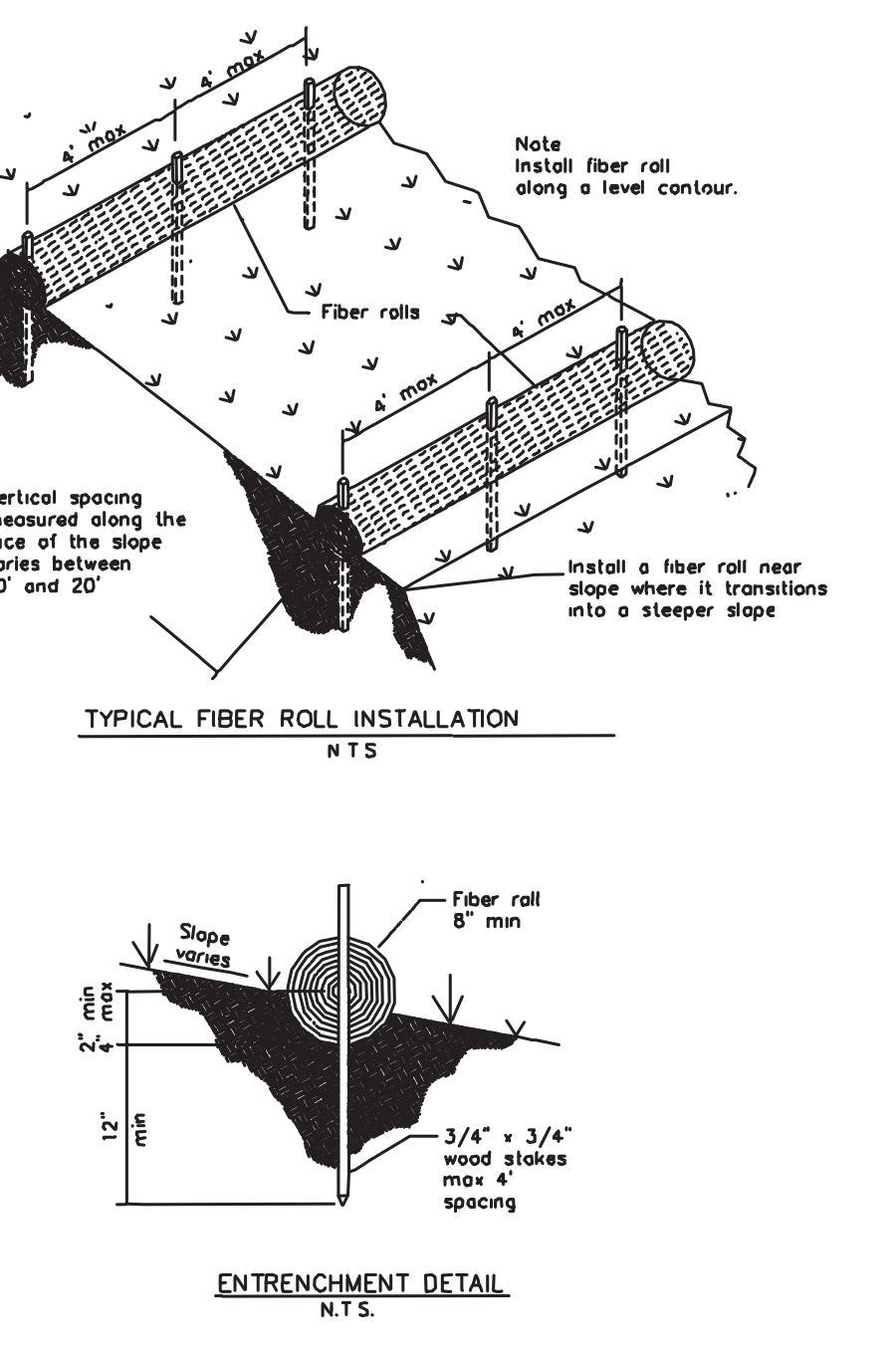
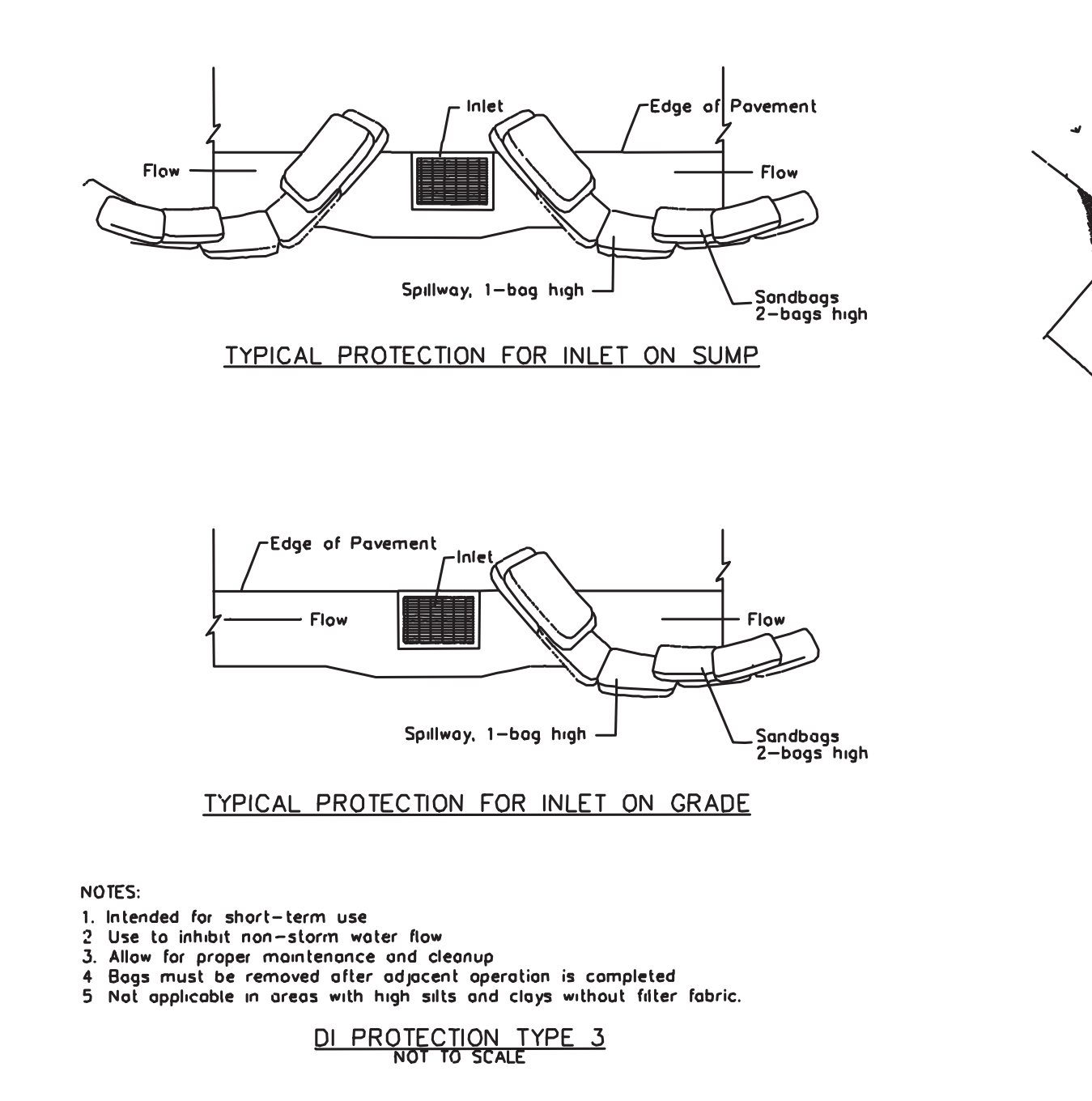
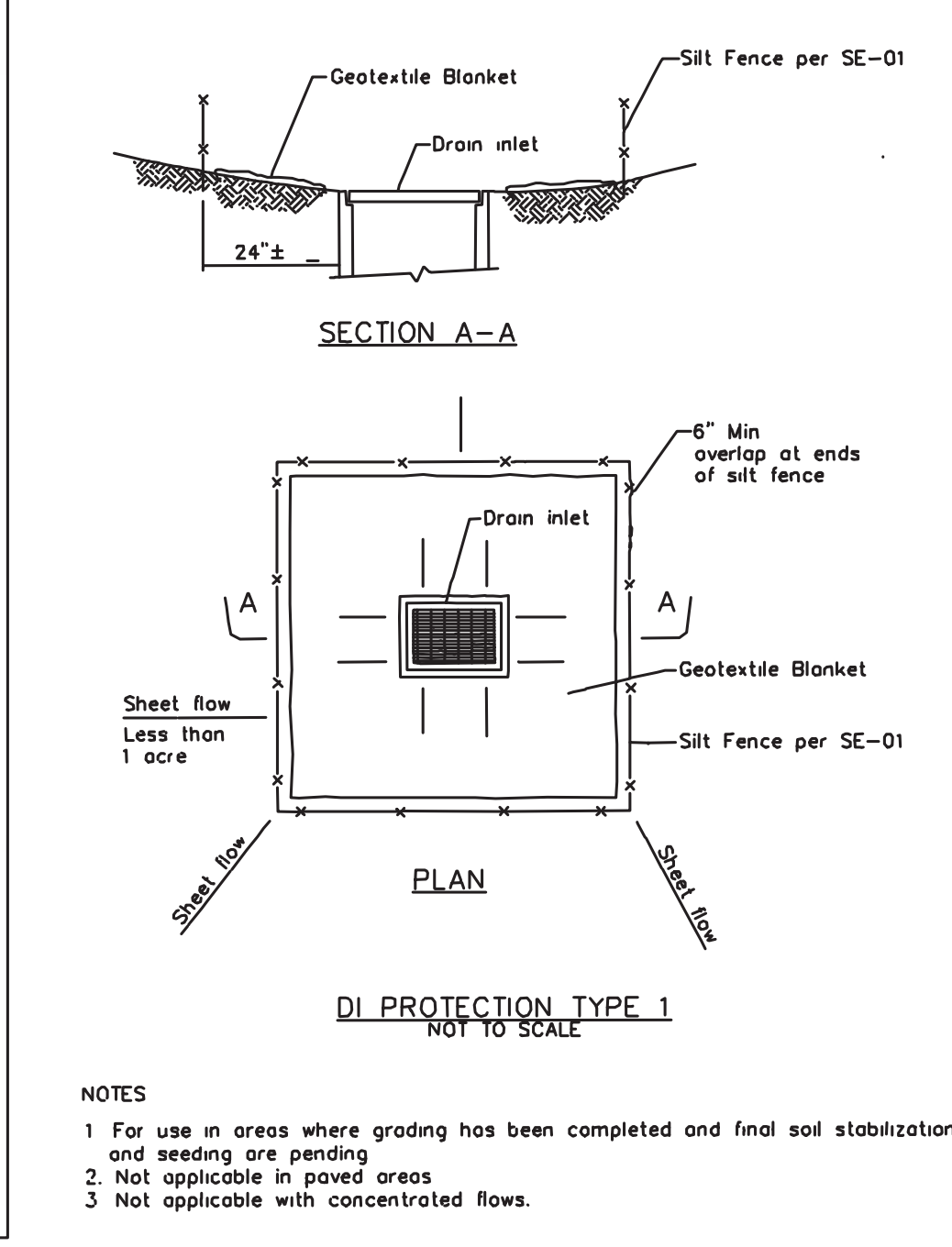
- 1 SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE RIPPED ACROSS THE ENTRANCE IF IMPRACTICAL. A MOUNTABLE BERM ENTRANCE SHALL BE PERMITTED.
- 2 MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF MATERIALS OR DEBRIS ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC ALL-SEASON PERIODIC WASHING AND CLEANING OF ANY MATERIALS USED TO TRAP SEDIMENT. ALL SEDIMENT SHOULD BE PROPERLY WASHED ON TO A PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
- 3 WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS USED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 4 PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

APPROVED BY: [Signature] DATE: NOVEMBER 2010  
 TOWN ENGINEER  
 STABILIZED CONSTRUCTION ENTRANCE  
 STD. PLAN NO. ST-250

SE-10 Storm Drain Inlet Protection

SE-10 Storm Drain Inlet Protection SE-5

Fiber Rolls



DATE: OCTOBER 22, 2019  
 SCALE: 1"=20'  
 DESIGN: AM  
 DRAWN: TM  
 CHECK: XX  
 ENGR: AM  
 PROJECT NO.: 18080

GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**EROSION CONTROL PLAN**  
 ARCHITECTURE AND SITE APPLICATION NO. 5-18-052  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT

**HANNA BRUNETTI**  
 EST. 1970  
 CIVIL ENGINEERS • LAND SURVEYORS  
 CONSTRUCTION MANAGERS  
 7651 EGGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
 OFFICE (408) 842-2173 • FAX (408) 842-2662  
 EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	DATE

REVISIONS	BY
1	Per town comments
	DRF

David R. Fox & Company, Landscape Architecture  
 8 University Ave. Ste. B142, Los Gatos, California 95030  
 408-761-0212 Phone  
 david@foxla.net

Planting Plan  
 WUI Plan and Notes

The Olgaard Residence  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036

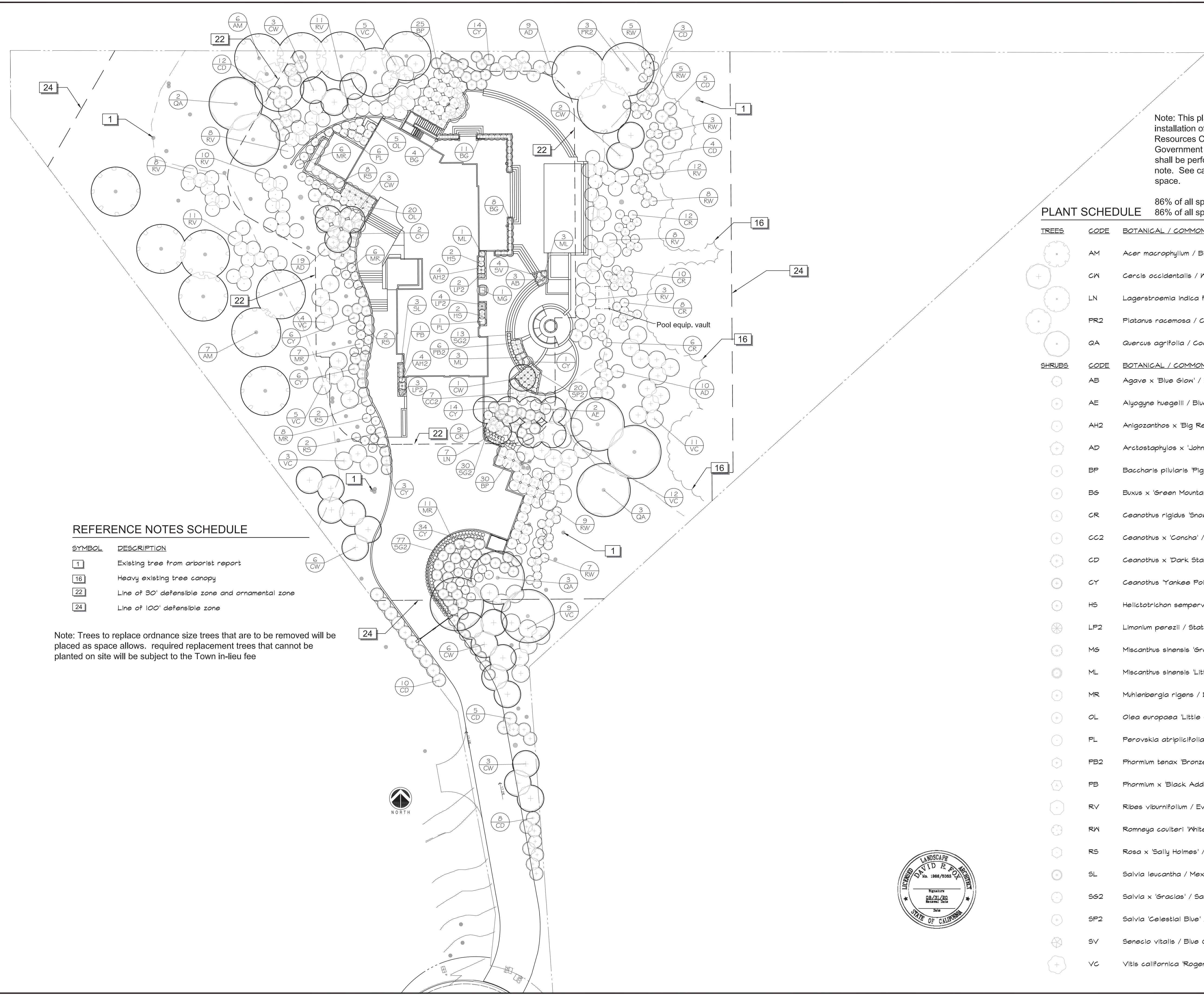
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Scale	1"=10'-0"
Drawn	DRF
Job	Olgaard
Sheet	L1.0
Of	Sheets

Note: This plant list is in conformance with low fuel varieties and the installation of the landscape shall comply with California Public Resources Code section 4291 numbers 1-6 and sections and California Government Code section 51882 numbers 1-6. Regular maintenance shall be performed by the homeowner as per cited code sections in this note. See calfire.ca.gov for information regarding creating defensible space.

86% of all specified trees are California natives  
 86% of all specified shrubs are California natives

PLANT SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	CONT	QTY
	AM	Acer macrophyllum / Big Leaf Maple	24"box	13
	CW	Cercis occidentalis / Western Redbud Multi-trunk	15 gal	24
	LN	Lagerstroemia indica 'Fauriei Natchez' Multi / Grape Myrtle	36"box	7
	PR2	Platanus racemosa / California Sycamore	15 gal	3
	QA	Quercus agrifolia / Coast Live Oak	36"box	8
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	QTY
	AB	Agave x 'Blue Glow' / Blue Glow Agave	5 gal	3
	AE	Alyogyne huegelii / Blue Hibiscus	5 gal	2
	AH2	Anigozanthos x 'Big Red' / Big Red Kangaroo Paw	5 gal	8
	AD	Arctostaphylos x 'John Dourley' / John Dourley Manzanita	5 gal	38
	BP	Baccharis pilularis 'Pigeon Point' / Coyote Brush	5 gal	55
	B6	Buxus x 'Green Mountain' / Boxwood	5 gal	23
	CR	Ceanothus rigidus 'Snowball' / Ceanothus Snowball	1 gal	45
	CC2	Ceanothus x 'Concha' / California Lilac	5 gal	7
	CD	Ceanothus x 'Dark Star' / California Lilac	5 gal	47
	CY	Ceanothus 'Yankee Point' / California Lilac	1 gal	80
	HS	Helictotrichon sempervirens 'Sapphire' / Blue Oat Grass	5 gal	4
	LP2	Limonium perezii / Statice	1 gal	9
	MG	Miscanthus sinensis 'Gracillimus' / Maiden Grass	5 gal	1
	ML	Miscanthus sinensis 'Little Kitten' / Little Kitten Eulalia Grass	1 gal	7
	MR	Muhlenbergia rigens / Deer Grass	1 gal	38
	OL	Olea europaea 'Little Ollie' / Dwarf Olive	5 gal	25
	PL	Perovskia atriplicifolia 'Lacey Blue' / Russian Sage	5 gal	7
	FB2	Phormium tenax 'Bronze Baby' / Bronze Baby New Zealand Flax	1 gal	6
	FB	Phormium x 'Black Adder' / New Zealand Flax	5 gal	1
	RV	Ribes viburnifolium / Evergreen Currant	5 gal	71
	RW	Romneya coulteri 'White Cloud' / White Cloud Matilija Poppy	5 gal	37
	RS	Rosa x 'Sally Holmes' / Adelaide Hoodless Rose	5 gal	14
	SL	Salvia leucantha / Mexican Bush Sage	5 gal	3
	SS2	Salvia x 'Gracias' / Sage	1 gal	120
	SP2	Salvia 'Celestial Blue' / Santa Rosa Island Sage	1 gal	20
	SV	Senecio vitalis / Blue Chalk Fingers	1 gal	4
	VC	Vitis californica 'Roger's Red' / California Wild Grape	1 gal	49



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	Existing tree from arborist report
16	Heavy existing tree canopy
22	Line of 30' defensible zone and ornamental zone
24	Line of 100' defensible zone

Note: Trees to replace ordinance size trees that are to be removed will be placed as space allows. Required replacement trees that cannot be planted on site will be subject to the Town in-lieu fee



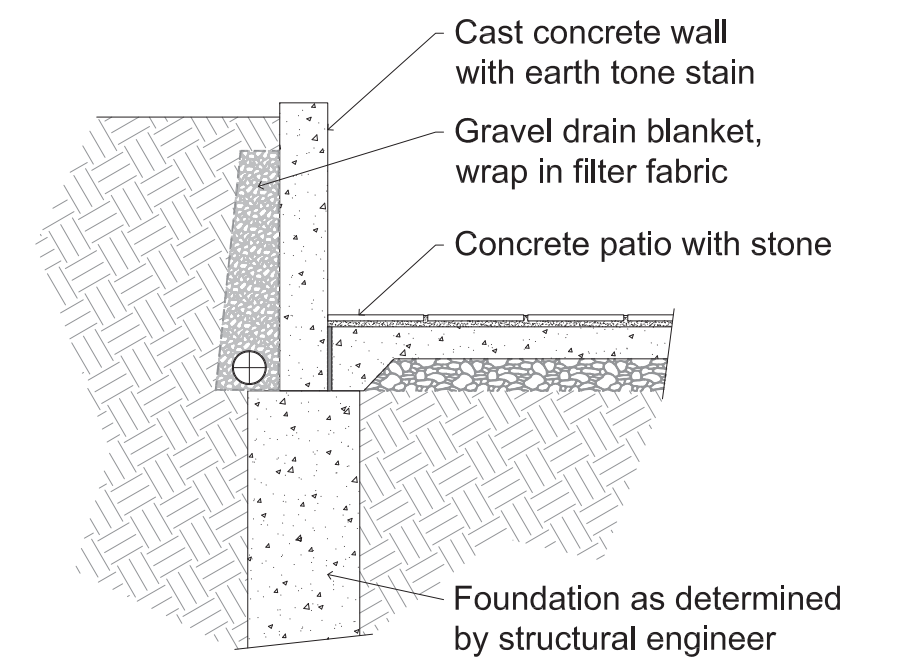


**REFERENCE NOTES SCHEDULE 1**

SYMBOL	DESCRIPTION
9	18' asphalt entry driveway section
18	Approximate entrance to lot & driveway
21	Automatic entry gates
23	Entry gate setback - 170'
25	Asphalt drive transitions to 16' wide after entry to adjacent residence
26	Concrete patios with stone
27	Planter wall, typical all walls. See detail this sheet
28	Permeable paving in hatched area to reduce impervious surface, i.e. ECO pavers, gravel, etc.
29	Paver driveway with installation that meets H/20 and HS/20 load standards
30	Trash enclosure, see detail sheet L2.2

**LEGEND**

- - - - - LRDA line
- □ □ Proposed fence line



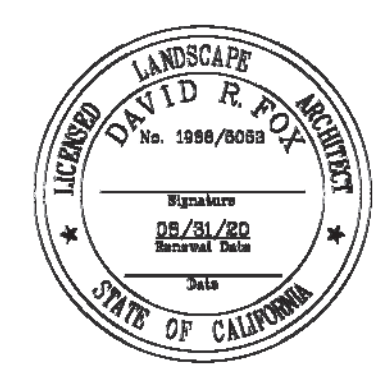
**2** **PLANTER WALL AND HARDSCAPE DETAIL** 1  
 1/2" = 1'-0" DETAIL-FILE

REVISIONS	BY
1	DRF

David R. Fox & Company, Landscape Architecture  
 50 University Ave. Ste. B142, Los Gatos, California 95030  
 david@foxnet.com 408-761-1212 phone

**Perimeter Fence and Details**  
**Planter Wall Detail**

**The Olgaard Residence**  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036



Date	10/1/19
Scale	1"=20'-0"
Drawn	DRF
Job	Olgaard
Sheet	<b>L2.0</b>
Of	Sheets



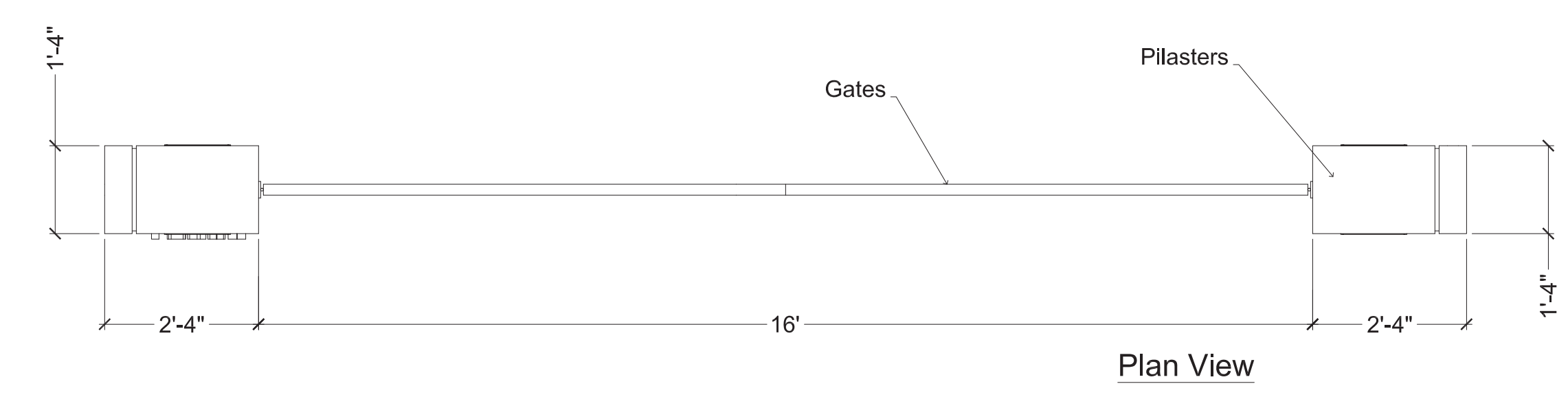
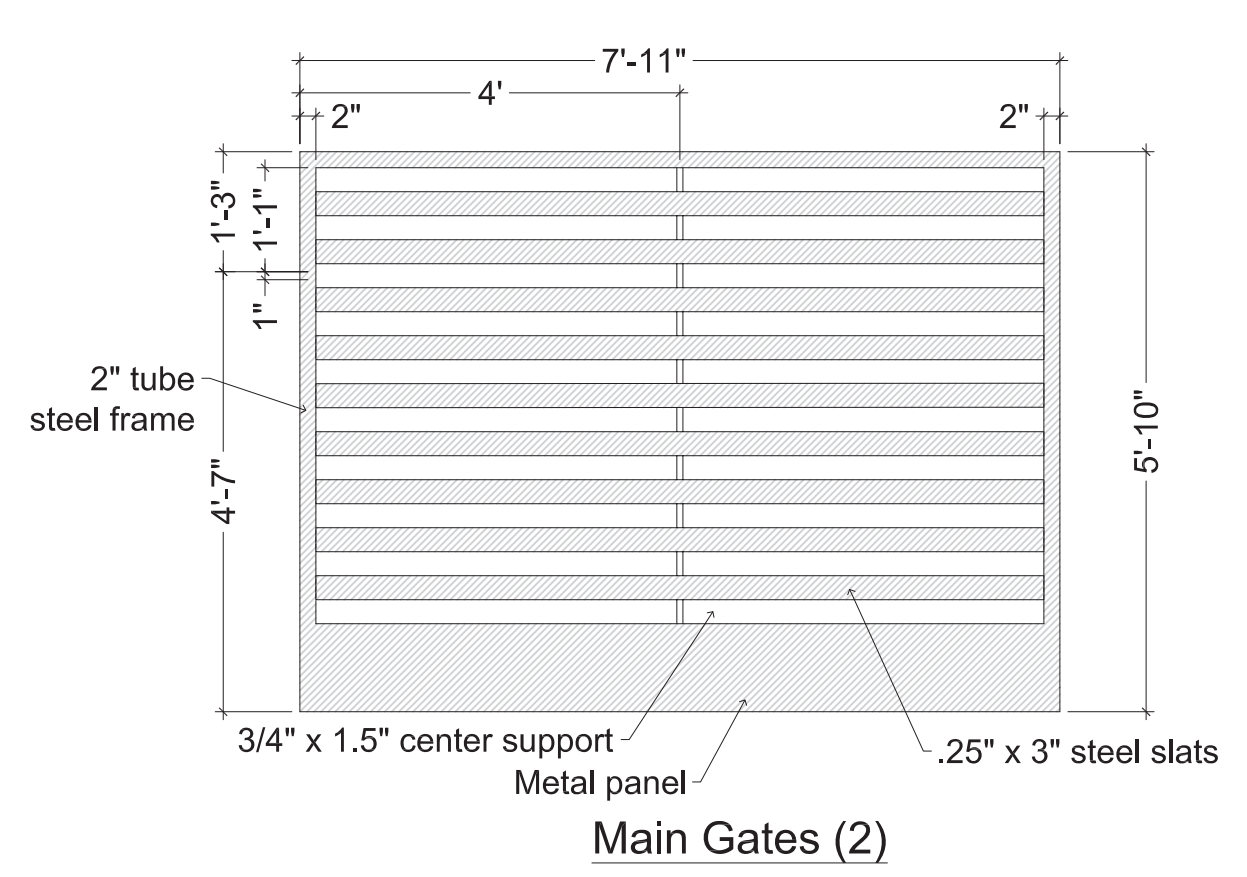
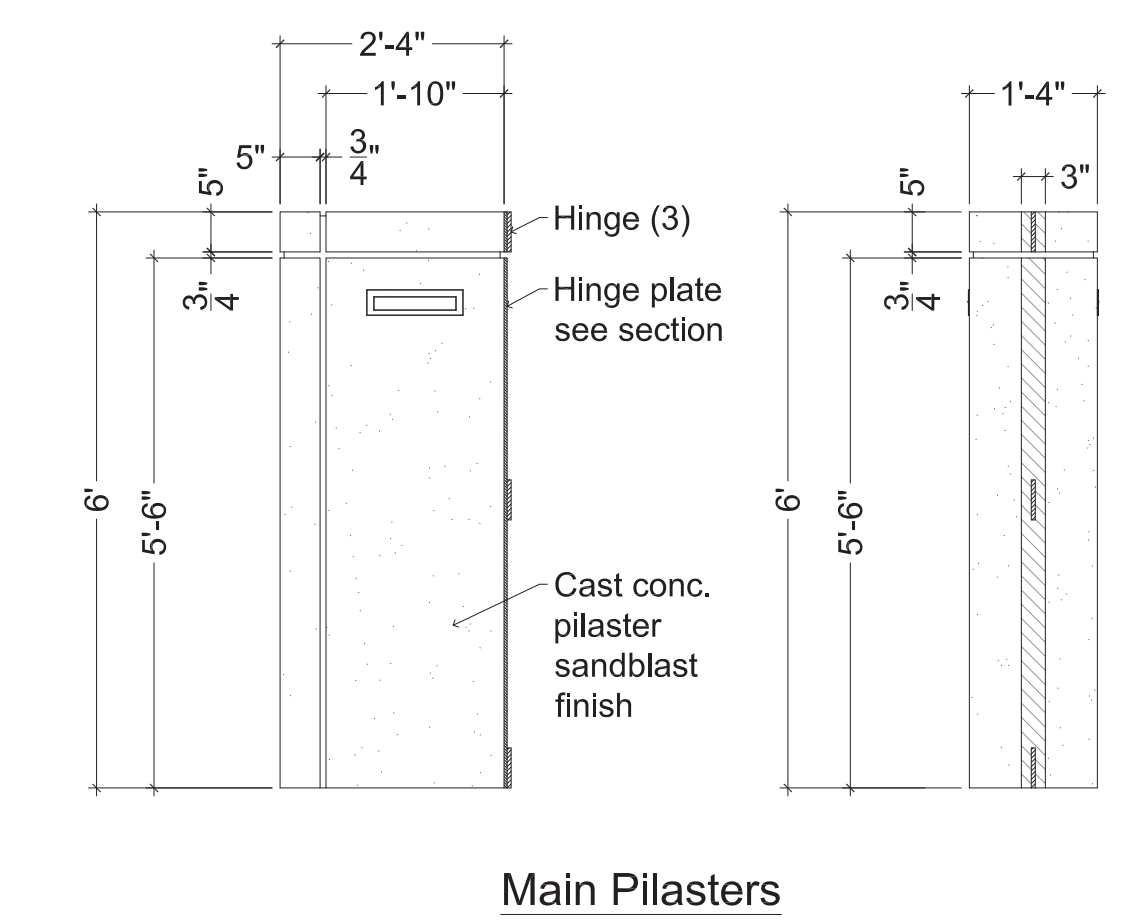
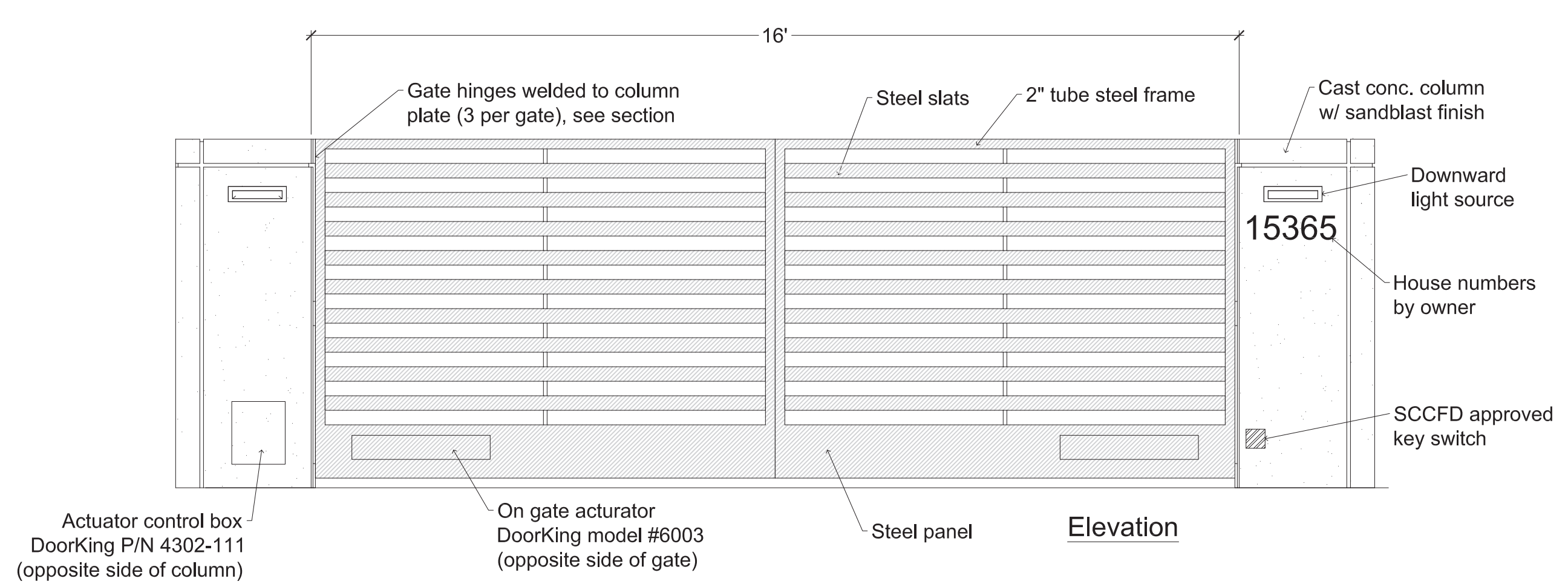
REVISIONS	BY
1	DRF

David R. Fox & Company, Landscape Architecture  
 90 University Ave. - Ste. B142, Los Gatos, California 95030  
 david@foxandco.net  
 408-761-0212 Phone

### Entry Gate Plan and Details

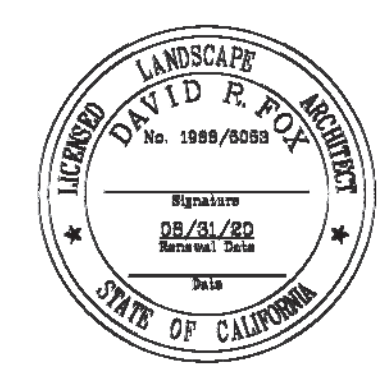
The Olgaard Residence  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036

Date 10/1/19  
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 Job Olgaard  
 Sheet  
**L2.1**  
 Of Sheets

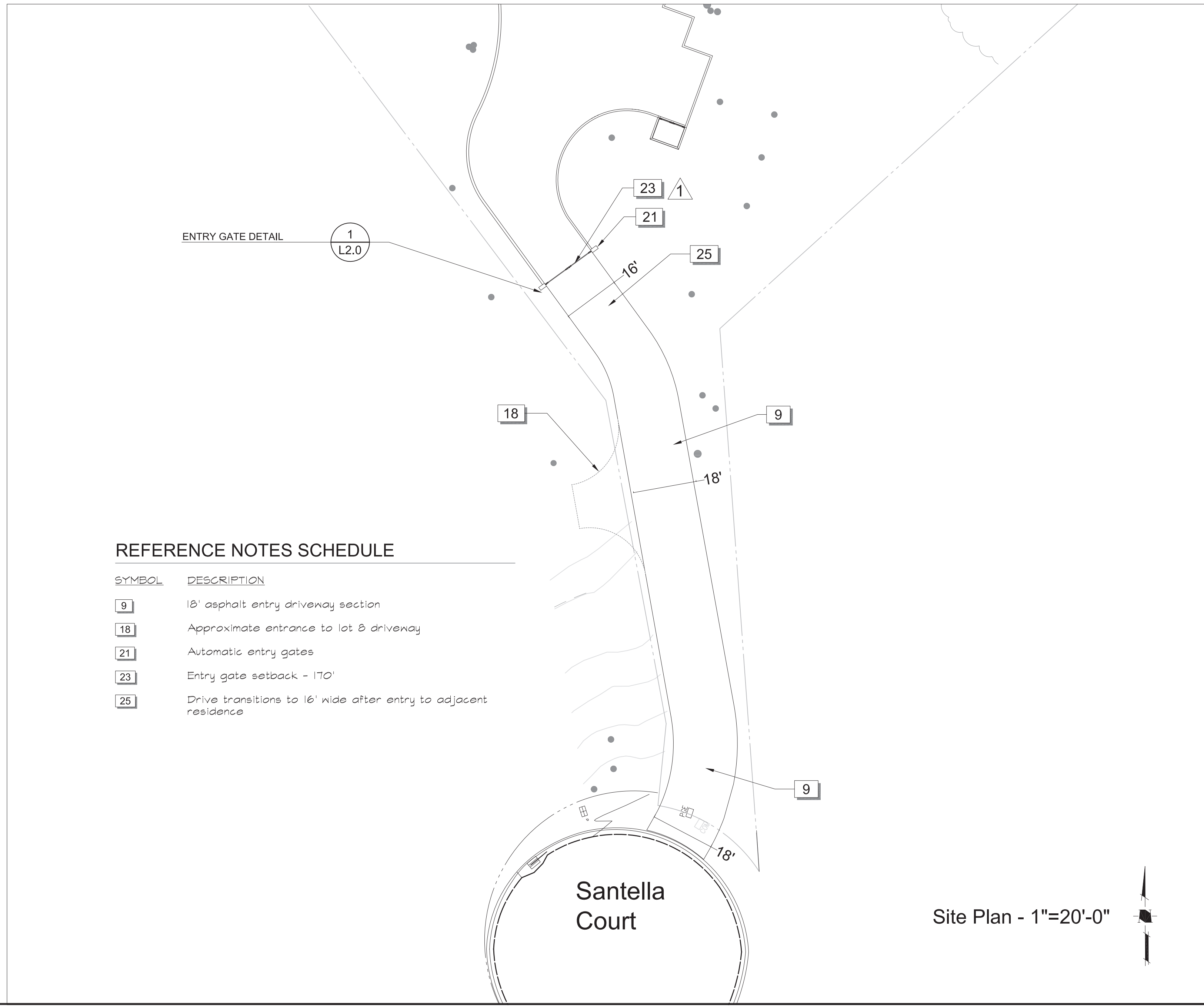


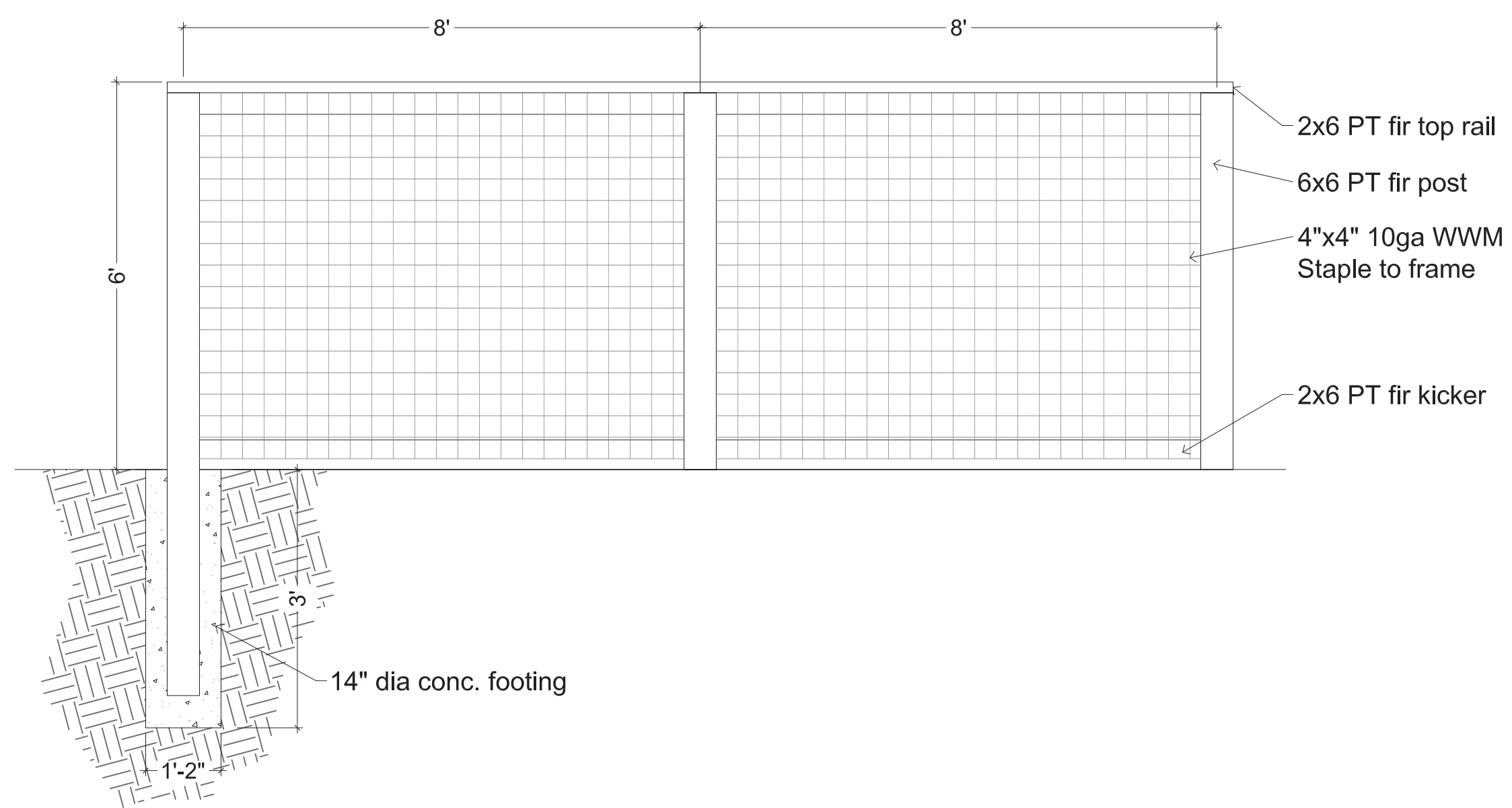
**1 ENTRY GATE DETAIL**  
 1/2" = 1'-0"

OLGRD-METAL-01



- Notes:**
- No gate may be installed across a required fire department access road or driveway without prior approval of the Fire Department. A detailed plan shall be submitted for review and approval prior to commencing any work. This requirement may be modified depending upon the complexity of the installation.
  - When padlocks are used to secure gates, they shall only be of a type approved by the Fire Department. (See also #4)
  - Gates equipped with electric control devices also shall have an override key switch installed. The key switch shall be of a type approved by the Fire Department. (See also #4 and #10)
  - Authorization forms for ordering fire department approved key switches and padlocks shall be obtained by contacting the Fire Prevention Division of the Fire Department.
  - All electrically controlled gates shall be provided with a manual override to allow operation of the gate during a power outage.
  - When open, gates shall not obstruct any portion of the required width of the driveway or access road.
  - Gates shall be adequately supported to prevent dragging.
  - Gates shall be operable by one person.
  - Swing-style gates shall open a full 90 degrees and may swing in either direction. Sliding gates shall slide parallel to the security fence.
  - All manually operated gates shall be designed so they remain in the open position when left unattended. Electrically operated gates shall be equipped with a fire department approved key switch. Activation of the switch shall open the gate(s) and cause it to remain in the open position until reset by emergency response personnel.
  - Vertical clearance over the required vehicular access road or driveway shall be not less than 13 feet 6 inches.

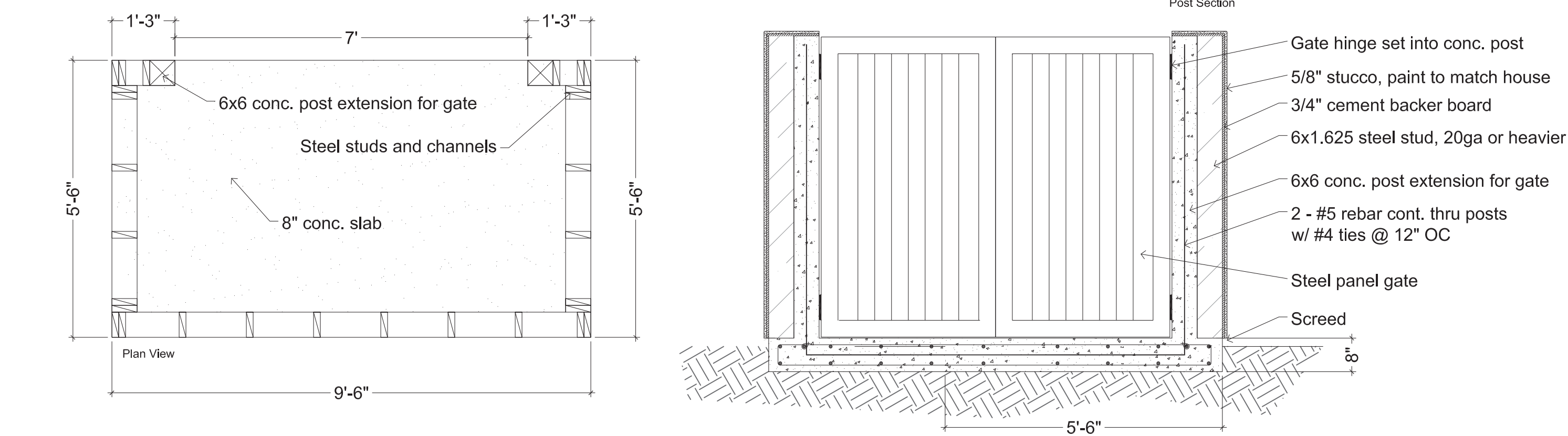
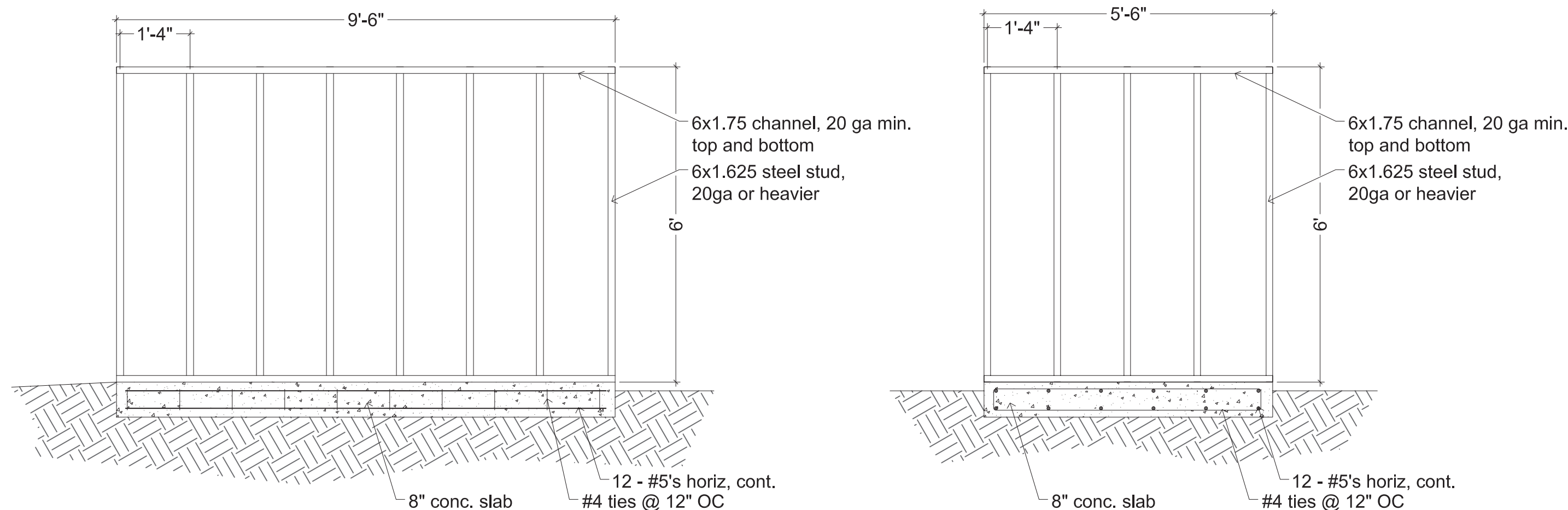




**1 WOOD AND WIRE FENCE**

1/2" = 1'-0"

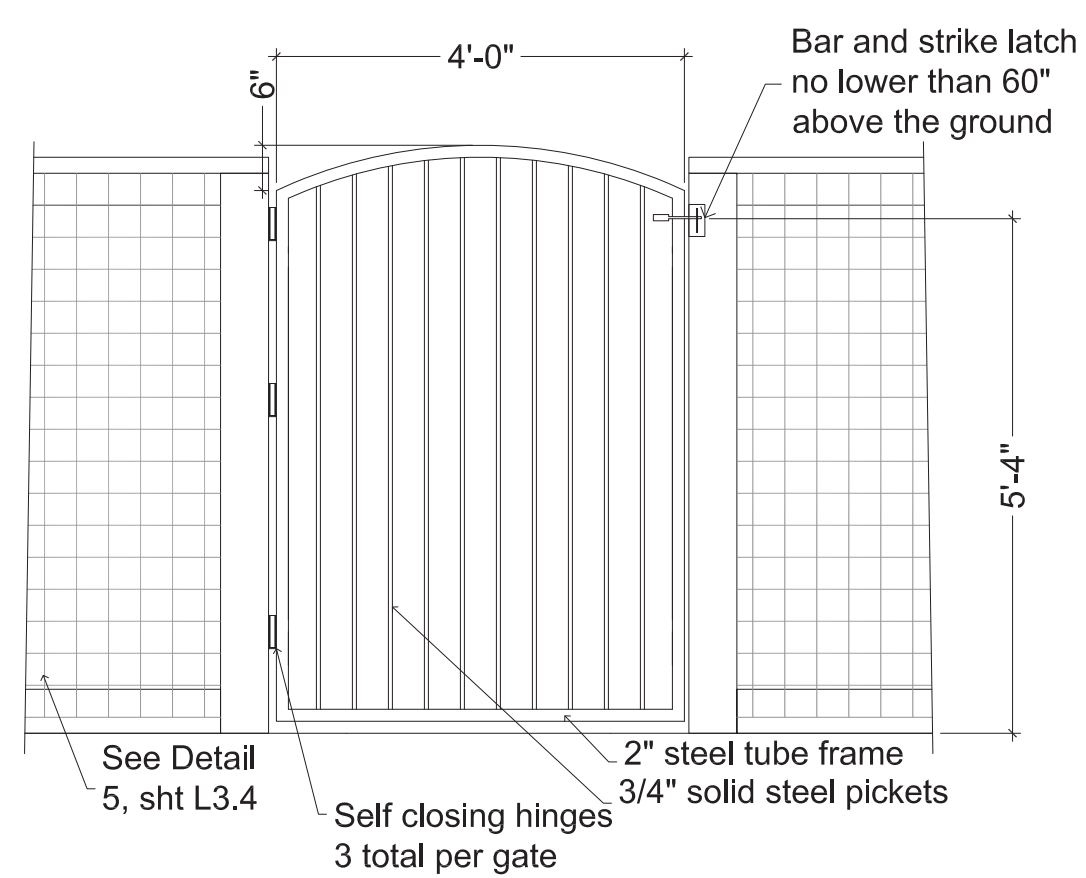
DETAIL-FILE



**3 TRASH ENCLOSURE STRUCTURE**

1/2" = 1'-0"

MERIT-METAL-01

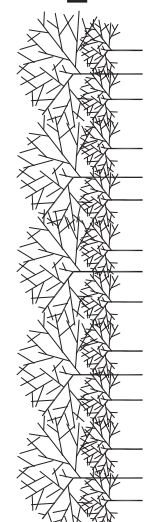


**2 SELF-CLOSING GATE**

1/2" = 1'-0"

DETAIL-FILE

David R. Fox & Company, Landscape Architecture  
 9 University Ave., Ste. B142, Los Gatos, California 95030  
 408-761-1212 phone  
 david@foxnet.net

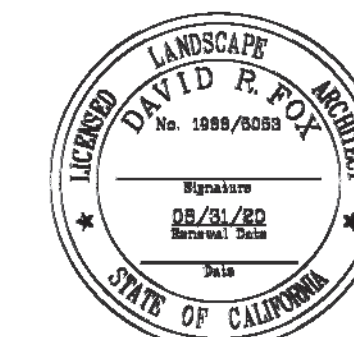


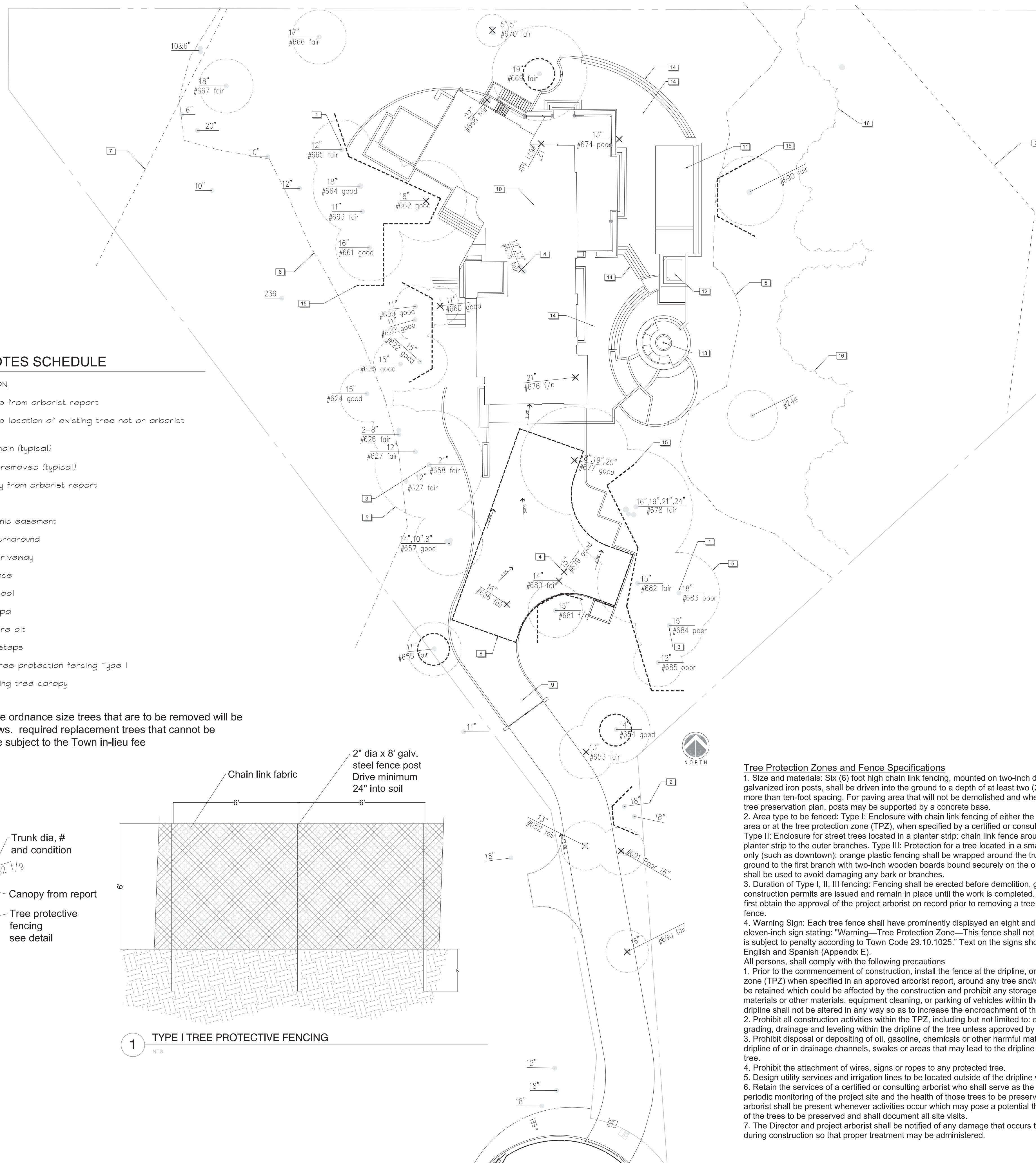
Details

The Olgaard Residence  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036

Date 10/1/19  
 Scale 1"=20'-0"  
 Drawn DRF  
 Job Olgaard

Sheet  
**L2.2**  
 Of . Sheets





REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	Existing tree from arborist report
2	Approximate location of existing tree not on arborist report
3	Tree to remain (typical)
4	Tree to be removed (typical)
5	Tree canopy from arborist report
6	LRDA line
7	Private scenic easement
8	Fire truck turnaround
9	Proposed driveway
10	New residence
11	Proposed pool
12	Proposed spa
13	Proposed fire pit
14	Patios and steps
15	Proposed tree protection fencing Type I
16	Heavy existing tree canopy

Note: Trees to replace ordinance size trees that are to be removed will be placed as space allows. required replacement trees that cannot be planted on site will be subject to the Town in-lieu fee

Tree Protection Zones and Fence Specifications

- Size and materials: Six (6) foot high chain link fencing, mounted on two-inch diameter galvanized iron posts, shall be driven into the ground to a depth of at least two (2) feet at no more than ten-foot spacing. For paving area that will not be demolished and when stipulated in a tree preservation plan, posts may be supported by a concrete base.
  - Area type to be fenced: Type I: Enclosure with chain link fencing of either the entire dripline area or at the tree protection zone (TPZ), when specified by a certified or consulting arborist. Type II: Enclosure for street trees located in a planter strip: chain link fence around the entire planter strip to the outer branches. Type III: Protection for a tree located in a small planter cutout only (such as downtown): orange plastic fencing shall be wrapped around the trunk from the ground to the first branch with two-inch wooden boards bound securely on the outside. Caution shall be used to avoid damaging any bark or branches.
  - Duration of Type I, II, III fencing: Fencing shall be erected before demolition, grading or construction permits are issued and remain in place until the work is completed. Contractor shall first obtain the approval of the project arborist on record prior to removing a tree protection fence.
  - Warning Sign: Each tree fence shall have prominently displayed an eight and one-half-inch by eleven-inch sign stating: "Warning—Tree Protection Zone—This fence shall not be removed and is subject to penalty according to Town Code 29.10.1025." Text on the signs should be in both English and Spanish (Appendix E).
- All persons shall comply with the following precautions:
- Prior to the commencement of construction, install the fence at the dripline, or tree protection zone (TPZ) when specified in an approved arborist report, around any tree and/or vegetation to be retained which could be affected by the construction and prohibit any storage of construction materials or other materials, equipment cleaning, or parking of vehicles within the TPZ. The dripline shall not be altered in any way so as to increase the encroachment of the construction.
  - Prohibit all construction activities within the TPZ, including but not limited to: excavation, grading, drainage and leveling within the dripline of the tree unless approved by the Director.
  - Prohibit disposal or depositing of oil, gasoline, chemicals or other harmful materials within the dripline of or in drainage channels, swales or areas that may lead to the dripline of a protected tree.
  - Prohibit the attachment of wires, signs or ropes to any protected tree.
  - Design utility services and irrigation lines to be located outside of the dripline when feasible.
  - Retain the services of a certified or consulting arborist who shall serve as the project arborist for periodic monitoring of the project site and the health of those trees to be preserved. The project arborist shall be present whenever activities occur which may pose a potential threat to the health of the trees to be preserved and shall document all site visits.
  - The Director and project arborist shall be notified of any damage that occurs to a protected tree during construction so that proper treatment may be administered.

Note: SPC=Species QD=Quercus Douglasii QA=Quercus Agrifolia

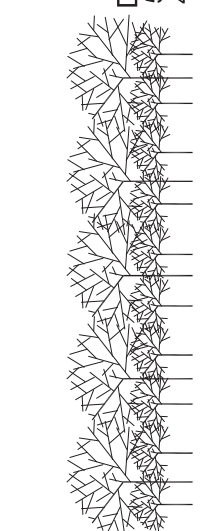
Trees To Remain				
Tree #	SPC	DIA	H/W	Condition
620	QD	11	25	Good
622	QD	13	25	Good
623	QD	11	25	Good
624	QD	11	25	Good
626	QD	8,10	25	Fair
627	QD	12	25	Fair
654	QD	14	40x25	Good
655	QD	11	20x20	Fair
657	QD	8,10,14	25x25	Good
658	QD	21	40x40	Good
659	QD	11	25x15	Good
660	QD	12	30	Good
661	QD	16	30x25	Good
662	QD	19	40	Good
663	QD	11	35x15	Fair
664	QD	18	38x35	Good
665	QD	12	25x22	Fair
666	QD	17	18x20	Fair
667	QA	18	20x20	Fair
668	QD	10,18	35	Poor
669	QD	19	45x35	Fair
670	QA	18,12,6,12	45	Fair
671	QD	12	40	Fair
672	QD	5	10x10	Fair
673	QD	13,12	9x10	Fair
675	QD	5,5	30	Fair
676	QA	24	40	Poor
678	QA	16,19,21,24	45x45	Fair
681	QD	12	40x20	Fair
682	QD	15	45x30	Fair
683	QD	18	45x30	Poor
684	QD	15	40x25	Poor
685	QD	12	35x18	Poor

Note: SPC=Species QD=Quercus Douglasii QA=Quercus Agrifolia

Trees To Be Removed				
Tree #	SPC	DIA	H/W	Condition
652	QD	13	40x25	Fair
653	QD	13	30x20	Fair
656	QD	16	30x20	Fair
660	QD	11	25x18	Fair
662	QD	18	30x30	Good
668	QD	22	40x30	Fair
670	QD	5,5	12x12	Fair/Poor
671	QD	12	28x18	Fair
674	QD	13	22x20	Fair/Poor
675	QD	12,13	30x25	Fair
676	QD	21	22x30	Fair/Poor
677	QA	18,19,20	30x40	Good
679	QD	15	40x22	Good
680	QD	14	40x22	Fair
691	QA	16	30	Poor
690	QD	16	30	Fair



David R. Fox & Company, Landscape Architecture  
50 university ave. ste. b142, los gatos, california 95030  
408-761-0212 phone  
dfox@foxla.net



Tree Plan

The Olgaard Residence  
15365 Santella Court  
Los Gatos, California

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A P P E A R A N C E S:

Los Gatos Planning Commissioners:  
Matthew Hudes, Chair  
Melanie Hanssen, Vice Chair  
Mary Badame  
Jeffrey Barnett  
Kendra Burch  
Kathryn Janoff  
Reza Tavana

Town Manager: Laurel Prevetti

Community Development Director: Joel Paulson

Town Attorney: Robert Schultz

Transcribed by: Vicki L. Blandin  
(619) 541-3405

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P R O C E E D I N G S :

CHAIR HUDES: We now move to the public hearings portion of our agenda and consider Item 2, which is Architecture and Site Application S-18-052. Project location: 15365 Santella Court. Applicant: Hari Sripadanna. Property owners: Christian and Hellen Olgaard. Project planner is Erin Walters. Requesting approval for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2½:PD. APN 527-09-036.

May I have a show of hands from Commissioners who visited the property under consideration? Any disclosures from Commissioners on this item?

I understand Ms. Walters is ill and I understand that, Ms. Zarnowitz, you'll be giving the Staff Report this evening.

SALLY ZARNOWITZ: Yes, thank you. This is an Architecture and Site Application to construct a new 5,840 square foot, two-story residence in the Highland Planned Development on a vacant lot there. Before you this evening also is a revised fence plan; you might want to note that it was just handed out today so it's at the dais for you.

1           The reason the application is before the Planning  
2 Commission is to allow additional consideration of the  
3 hillside home, which is the largest in terms of square  
4 footage in the Highlands PD, although not in the immediate  
5 area, and also approached a threshold for a visible home in  
6 the Hillside Development Standards and Guidelines. The  
7 project does conform to the Standards and Guidelines and  
8 Staff is recommending approval this evening with conditions  
9 included in Exhibit 3.  
10

11           That concludes Staff's report and we are here to  
12 answer any questions.

13           CHAIR HUDES: Okay, thank you. Are there any  
14 questions of Staff from the Commissioners? I had one  
15 question, if I may? Is the LRDA applicable and is the  
16 proposed northern siting, which is an alternative I believe  
17 to what was in the development plan, consistent with the  
18 LRDA?

19           SALLY ZARNOWITZ: It is consistent with the LRDA,  
20 and it is applicable.

21           CHAIR HUDES: Okay, great. Thank you. And those  
22 are the only Staff questions I have, so I'm going to invite  
23 the Applicant to come forward. The Applicant will have five  
24 minutes to present the project and then the Applicant will  
25 also have an additional three minutes after we've heard

1 from the public. Please just state your name for the record  
2 and if you haven't submitted a card... I think actually we do  
3 have cards now. Thank you.

4 HARI SRIPADANNA: Good evening, my name is Hari  
5 Sripadanna and I'm the architect for this project.

6 Planning Commissioners, Planning Staff, audience,  
7 it's an honor to present this design to you guys. All of  
8 you have seen the site and I'm sure if you agree with me  
9 it's such a beautiful site and it's an honor to design a  
10 home on such a property.

11  
12 As I think about this project three things come  
13 to my mind, which is the wishes and needs of a homeowner  
14 that they want to have in a house, that they envision  
15 themselves living in a sustainable net zero green designed  
16 home.

17 The Planning Commission and the Planning  
18 Department and the Staff, they're obviously concerned with  
19 the requirements that the design met and that it's a good  
20 neighbor and fit within the hillside community well and met  
21 all the design standards, and the Arts and Crafts efforts  
22 of the architect who wants to create a sustainable home and  
23 a beautiful design for the community, and sometimes these  
24 are all at cross purposes, but for this particular project  
25 we are really fortunate with our clients and the Staff that



1 I worked from the very beginning. It took us about two  
2 years to design this home and I really enjoyed working with  
3 every one of you here. It was a good, seamless  
4 collaboration that allowed us to create this project.

5 I know there is little time. If I run out of time  
6 I will conclude the project at the end of the project  
7 conclusion.

8 As you can see, this is the terrain of the whole  
9 entire hillside and the Town as you can see the contours.  
10 As you can see, these are the flatter parts of the Town and  
11 at the Short Road and the Blossom Hill Road the Town rises  
12 quite dramatically, and as the geological portions push  
13 these mountains up the wind and the rain erode it down so  
14 that you can see these rolling, gentle formations that made  
15 the terrain possible, which became the formula for the  
16 design of a sloping and level, sloping and level sort of a  
17 terrain. And you can see the blue lines, which became also  
18 important for our visibility analysis, and after the site  
19 slopes down it raises up gently and then dramatically falls  
20 down.  
21

22 As you can see, the same characteristics also  
23 follow the property. This is Santella Court and that's the  
24 north direction. The property slopes down quite  
25 dramatically as you might have seen at the site when you

1 visited today. It levels down somewhat in the middle with a  
2 clearing and then levels again up at a higher level after  
3 it raises a little bit, and then it slopes out to the  
4 hillside.

5           The LRDA lines are one both sides and the site is  
6 surrounded by dense, mature tree clusters and a steeper  
7 slope that define the LRDA.

8           So, taking all these measures into consideration  
9 we came up with this solution of massing, and as you can  
10 see we picked up on this idea of the land terrain sloping  
11 down and raising up and so did our masses as it sloped down  
12 and rose up.

13           The brown areas that you see here are somewhat of  
14 the level areas and cleared areas so that we could bring  
15 our fire truck turnaround, which is required by the long  
16 driveway because of the slope. And as the building rose up  
17 we also pushed the masses towards the back so that you  
18 could get the screening of the trees that are dense  
19 clusters all around at the back.

20           But these are the two main criteria that came  
21 about, and you can see this is how we came up with the  
22 solution where the lower floor is set at the lower level  
23 area and the upper floor is set at the higher level area  
24 and we tucked all the massing in between these stairs that  
25

1 come into that idea, so the roof is a continuous form that  
2 unified the building together so one doesn't know where the  
3 first and second floors start and it appears like a smaller  
4 design.

5 CHAIR HUDES: Thank you. There may be some  
6 questions at this point, and then the public will speak,  
7 then there may be opportunity for other questions as well.

8 Commissioners, any questions? I had two questions  
9 about the Hillside Design Standards and Guidelines. The  
10 first one, did you consider putting part, or a bigger part  
11 I should say, of the residence below grade?  
12

13 HARI SRIPADANNA: As you can see, we have put a  
14 substantial amount of property that could be below grade.  
15 What set us for the level of the grade is the maximum  
16 height allowed already by cut and fill requirements of Los  
17 Gatos, or the lower floor which is 4' cut into the ground  
18 and that's set the level of the lower level, and the upper  
19 level was set by the upper grade where the land rose up  
20 again, and because of those two the building was already  
21 set back into the ground as far as it could be, because it  
22 will be exposed no matter which way, because the land  
23 terrain slopes out quite dramatically after the site and  
24 the LRDA is limited in the middle.  
25

1 CHAIR HUDES: So you were balancing the amount of  
2 cut and fill with the elevation of the property?

3 HARI SRIPADANNA: We initially proposed another  
4 two more feet to be set lower and then the Town reminded us  
5 that you need to have at least only 4' cut but not more  
6 than that at the garage entrance level.

7 CHAIR HUDES: I see. A second question about the  
8 hillside design. I'm not as familiar with the materials  
9 that you've used as compared to some other ones, so in what  
10 way are these materials natural and consistent with the  
11 hillside design?  
12

13 HARI SRIPADANNA: Sure. I believe we have a  
14 materials board that we have submitted. I would be happy if  
15 you could circulate that between... So, these are like  
16 (inaudible) tile, centered stone panels that are very  
17 durable and very well finished and they're available in  
18 different types of colors and textures, and these mimic  
19 natural earth tones and textures that we picked, which is  
20 similar to a rust color and a stone pattern, and these two  
21 are the major panels that we see on the property. Anything  
22 else is more of a dark bronze metal finish. And so all the  
23 colors are very low LRV, including the retaining walls that  
24 are exposed stained concrete.  
25

1 CHAIR HUDES: Okay, thank you. That's all I had.  
2 Yes, Vice Chair Hanssen.

3 VICE CHAIR HANSSEN: I noticed that you are  
4 applying for LEED certification. What level?

5 HARI SRIPADANNA: We hope to achieve LEED  
6 Platinum, which is an audacious goal, but we have so far  
7 met LEED Gold standards with our current points, and as we  
8 proceed further along there are additional points that we  
9 hope to secure and get to the Platinum, but we already  
10 achieved LEED Gold.  
11

12 VICE CHAIR HANSSEN: What are some of the  
13 defining features that helped you get to LEED Gold level?

14 HARI SRIPADANNA: There are a variety of factors.  
15 We are obviously using steel for the project, which is  
16 going to be all recycled material. The concrete plaster is  
17 going to have recyclable material in it as well. And the  
18 amount of energy we are producing for this home and the  
19 (inaudible) is so efficient that very little energy would  
20 be consumed, so there are a lot of credits that we achieved  
21 through that. And we have a live green roof as well as  
22 permeable paving, which absorbs all the water, and as our  
23 civil engineers will explain we are containing all the  
24 water within the property itself so it goes back into the  
25 ground and recharges the aquifer as naturally it would. We

1 also have natural lighting, natural ventilation system, and  
2 even the pool, We are designing the pool as an energy  
3 battery that could take the heat from the home when it's  
4 hot and cool the home when we need to, or vice-versa. We  
5 are running the water underneath the solar panels to make  
6 the solar panels even more efficient. So there are a  
7 variety of factors.

8 VICE CHAIR HANSSEN: I thank you for that. If I  
9 could ask one more question?

10 CHAIR HUDES: Sure.

11 VICE CHAIR HANSSEN: I did want to ask about the  
12 trees. Obviously there is a tree report, but whenever we  
13 have the new houses built in the hills there are usually a  
14 lot of trees that have to come down, so I'm wondering if  
15 you can comment about did you look at the best alternative  
16 from the trees' perspective as well as trying to get LEED  
17 Gold and get what your client wants?

18 HARI SRIPADANNA: Yes, because when you are  
19 applying for LEED certification that's one thing that  
20 obviously they will take credits out of you for the trees  
21 we would cut, so it would be looked at very carefully, and  
22 if you look at the driveway in the beginning, the reason it  
23 turned is to save the cluster of trees that are here, and  
24  
25

1 all the trees that we plan to remove, at least four of them  
2 are not of good health.

3           The fire truck turnaround radius and the  
4 driveway, we had to do a double wide so that the cars can  
5 pass each other because the entrance is so narrow. They  
6 took the majority of the trees. The house itself is so  
7 slender and snakes around the property to avoid the trees  
8 being cut, and so we did the most possible to reduce the  
9 amount of trees to be cut, and we're replacing the trees  
10 with 40 mature native California trees as well.

11           VICE CHAIR HANSSEN: Okay, thank you.

12           CHAIR HUDES: If I may ask a follow up, and maybe  
13 you may want to answer this later, but I walked back on the  
14 property again to take a look at specific trees and I'm  
15 going to read the numbers of certain trees that I'd like  
16 you to comment of whether they are being saved or could be  
17 saved. #668, #669, #675, #690, and #691. And if you want  
18 you can respond to that later, but I wanted to give you a  
19 heads up on those and I could give you the list of those.

20           HARI SRIPADANNA: Okay, I would be happy to.

21           CHAIR HUDES: Thank you. Other questions? Yes,  
22 Commissioner Barnett.

23           COMMISSIONER BARNETT: Am I correct that the  
24 siding material is not reflective of light in your comment?  
25

1 HARI SRIPADANNA: Could you repeat the question  
2 again?

3 COMMISSIONER BARNETT: The siding material that's  
4 proposed is non-reflective?

5 HARI SRIPADANNA: The siding material? The  
6 building material?

7 COMMISSIONER BARNETT: Yes.

8 HARI SRIPADANNA: Yeah, it's not. It's very low  
9 LRV value.  
10

11 COMMISSIONER BARNETT: It's not proposed to be  
12 painted?

13 HARI SRIPADANNA: No, that's the permanent color  
14 that would always be there.

15 CHAIR HUDES: Okay, thank you. I'm going to open  
16 this to the public now. I have a few cards, and the first  
17 one is David Weissman, and then Lee Quintana.

18 DAVID WEISSMAN: The plans show an outdoor  
19 fireplace north of the proposed house and within 25' of the  
20 LRDA line. Now, what could possibly go wrong with putting  
21 an open fire source in the middle of an oak woodland under  
22 a flammable tree canopy? In these times of climate change I  
23 think an outdoor fireplace is a crazy idea and should be  
24 prohibited in such a setting.  
25



1                   Number two. In the visibility analysis from  
2 Selinda Way the proposed house has a surface area with 24%  
3 visibility. That's pretty close to the threshold of 24.5%.  
4 How close, you might ask? Well, just an extra 20 square  
5 feet close. But even so, I was surprised to see that in  
6 their analysis the architect included as part of the total  
7 surface area the ground-level deck on the east side of the  
8 house that significantly juts out behind beyond the house's  
9 outline. I guess that in this analysis with so little room  
10 for error any way to increase the total surface area would  
11 be important. This deck extension should not be counted as  
12 part of the total surface area in such a calculation.  
13  
14 Otherwise, why not count a flag pole, an antenna, a  
15 satellite dish, or two false chimneys that stick out and  
16 have no contribution to the visibility of the structure?  
17 This potential loophole just helps the developer.

18                   But there's a bigger problem. On page L-3.0, the  
19 Tree Plan, there are four trees that are listed as being  
20 both removed and retained, so when it came time for the  
21 visibility analysis we shouldn't be surprised that this  
22 confusion carried over to that analysis, specifically Tree  
23 #671 is used in the screening analysis on page 23 as  
24 providing screening, when on page 27 the same tree is shown  
25 as being removed. Now, I have no idea as to which way Tree

1 #671 was used in the final calculation, but I submit that  
2 this analysis needs to be redone because how can anyone  
3 have confidence in the current numbers? Plus, it is almost  
4 impossible... I will skip that.

5           Number three. As Staff notes, as proposed the  
6 project would create the largest home in terms of countable  
7 square footage in the Highlands. The Applicant also notes  
8 that the house was moved farther north than the location  
9 indicated on the approved PD development plans. This is to  
10 accommodate the required fire engine turnaround. The  
11 Applicant then touted the proposed linear footprint as a  
12 way to save more trees. If the Applicant really wanted to  
13 save more trees, and specifically at least the three trees  
14 on the north side of the property the Chair just asked  
15 about, then they would have proposed a smaller house, a  
16 strategy that is totally encouraged by the Hillside  
17 Guidelines and should be part of this Commission's  
18 decision.

19  
20           CHAIR HUDES: Thank you. Any questions? Okay.  
21 Thank you. Lee Quintana.

22           LEE QUINTANA: Lee Quintana, 5 Palm Avenue.  
23 Compared to the project that you saw at your last Planning  
24 Commission meeting for a hillside house this house is far  
25 and away a better designed house for a hillside. My

1 comments are going to be with the caveat that I did not  
2 have the opportunity to go up and actually look at the  
3 house itself or see the story poles or look at it from the  
4 design areas of the Town. However, in my opinion it does  
5 appear to be a house that is designed to fit into the  
6 hillside and to follow the topography of the hillside, and  
7 I believe that the below-grade area was used to set the  
8 house into the hillside, not as many houses have been used  
9 to both set the house into the hillside and expand the  
10 square footage, thereby increasing the grading  
11 considerably.  
12

13 I do have questions about the trees looking at  
14 the model and looking at the plans as to whether in fact it  
15 does meet the 100' fire safety requirements.

16 I applaud the fact that it's a very sustainable  
17 house. The Staff Report indicates that they're considering  
18 water harvesting and grey water use but I think I heard the  
19 architect say that those are included in the design, so I'm  
20 not clear on that.

21 And I agree, the first thing that I looked at was  
22 that the visibility is so close to the required that I just  
23 wondered whether there was a way to reduce that visibility  
24 somewhat by I think there's an area of the house that is  
25 quite tall that has 15' or 16' height in the room, although

1 the plans were not really clear on that, easy to read  
2 anyway.

3           And as far as not being within the envelope of  
4 the PD, if I remember correctly I was on the Commission at  
5 that time and that was just to show that it was possible to  
6 get a house on the site, it was not necessarily the only  
7 place where the house could be set on the site.

8           The last thing I would like to say is that while  
9 I agree it would be nice if the house was smaller, but it  
10 is within the parameters of the Hillside Design Guidelines.

11           I have not seen the materials, so I don't have  
12 any comments on that, but I think because of fire safety we  
13 may have to get beyond just having natural materials.

14           CHAIR HUDES: Thank you. Would anyone else like  
15 to speak on this project? Okay, I don't have any other  
16 cards, so I would invite the Applicant back up for three  
17 minutes.

18           HARI SRIPADANNA: Thank you. While he starts the  
19 slide collection I would like to say that your Staff has  
20 totally reviewed the tree analysis as well as the building  
21 square footages and we have gone to extraordinary lengths  
22 to verify with the arborist as well for the tree screening,  
23 and all the trees that we show in the screening are what  
24 they have been, and the observer who has commented on that,  
25

1 I would be happy to sit with him and go through the design.  
2 The Staff has multiple times reviewed this tree protection  
3 plan as well as screening areas and we are within allowable  
4 area guidelines and we have made all the right calculations  
5 that the Town has asked us to do so.

6           Next. You can see these are the two areas that  
7 possibly the project would be seen and, going to the next  
8 slide, this is the point I would really like to make to  
9 everyone is what you see here is a terrain that rises up  
10 before the property begins, so anybody who would be seeing  
11 this property would be seeing it about a mile away, so all  
12 the discussions we are having are only in abstract because  
13 nobody would be traveling around the Town with a 300mm  
14 lens.  
15

16           So, if you go to the next slide. Same thing  
17 happens with this situation. The terrain rises up  
18 dramatically before the property begins, and this is a  
19 Google section that's available for anybody to verify.

20           Keep going to the next slide. These are all the  
21 trees that we have kept and we have tried very hard to keep  
22 the other trees as well, but these trees require such a  
23 large DBH area, the breast diameter range, that we would  
24 not be able to keep these trees and help them survive, so  
25 unfortunately we'd have to remove what we have to remove,

1 but as the Commissioner pointed out, #669 is actually there  
2 and we've preserved it. All these trees are accounted for  
3 and the arborist has checked these trees and we have  
4 verified the height canopy and the width of all of these  
5 trees, and you can see the pictures of these trees that we  
6 have documented and they are absolutely what we present in  
7 the design.

8           Keep going. Next slide. And as you can see, these  
9 two pictures are from the Blossom Hill area and these two  
10 pictures are from Selinda Way area.

11           Go to the next slide, please. This is all the  
12 screening that we have calculated for. Only a small portion  
13 of this building would be seen with a 300mm camera.

14           Next slide, please. And so only a small portion  
15 of the building would be seen with the dark materials that  
16 nobody would be able to see because of very low LRA values  
17 compared to these homes.

18           Next slide, please. And this is what you see with  
19 the naked eye. Nobody would be able to see it closer than  
20 that, and I would like to leave you with that impression,  
21 because nobody walks around with a 300mm camera.

22           CHAIR HUDES: Thank you. There may be some  
23 questions. Yes, Commissioner Janoff.

1                   COMMISSIONER JANOFF:  Yes, thank you.  You  
2 mentioned in your earlier discussion that you were  
3 replacing the trees removed with 40 additional trees.  Can  
4 you comment on slide #11, if you would go back two slides,  
5 would we be seeing any of the 40 new trees in this view  
6 that would represent more coverage?

7                   HARI SRIPADANNA:  Yes.

8                   COMMISSIONER JANOFF:  Can you point out where  
9 they may be?  
10

11                  HARI SRIPADANNA:  In this specific area we are  
12 planting three mature trees, and a lot of trees that are  
13 planted on the other side as well, but any more than that  
14 on this side area is impossible because they're so dense,  
15 and so even this coverage would be very much dramatically  
16 reduced.

17                  COMMISSIONER JANOFF:  Just to follow up, please?  
18 Could you be more specific with your pointer with respect  
19 to the trees behind the house?

20                  HARI SRIPADANNA:  Mmm-hmm.  Can you go back one  
21 more slide out of the site plan?  Yeah.  One more.  So, there  
22 are trees that we are planting, three mature trees that we  
23 are planting right here in this clear area, and there are  
24 quite a lot of trees that are planted in this area as well,  
25 but because this area is so dense we do not have...  And then

1 we are planting some trees in this area as well, so that's  
2 the extent of what sunshine they can get.

3           COMMISSIONER JANOFF: So, what I'm getting at,  
4 back to slide #11, which is a little bit easier to see, is  
5 the impact of a structure relative to the skyline.  
6 Oftentimes when we approach the hillside from these viewing  
7 positions what you wind up seeing as you get closer to the  
8 property isn't the elevation of the house but it's the  
9 roofline that you see quite visibly above the tree line at  
10 certain points. I'm probably on that line from Selinda to  
11 your property so I'm well aware of what happens to the  
12 skyline as these houses get sited at the very top. My  
13 question again is could you be more specific with respect  
14 to the highest elevations of the roof line behind it? Where  
15 might some of your 40 mature trees be planted? If you could  
16 show with the pointer, that would be helpful.

18           HARI SRIPADANNA: The trees that we are talking  
19 about are planted in this area that will raise up high, and  
20 these trees are all protected to increase the visibility of  
21 the project, and all the discussion we're having right now  
22 with the 15' height is this small portion of the roof that  
23 projects out, which is only 5' higher. Otherwise, we're all  
24 within the allowable area heights and this discussion we  
25 wouldn't be even having because this wouldn't be considered



1 a visible home, because the 18' height of the roof is  
2 already applied to most of them. This small area of the  
3 roof that comes up is the part that we were asking for the  
4 visibility analysis.

5 COMMISSIONER JANOFF: And so just to clarify, I'm  
6 looking at it from the Selinda viewing point, the general  
7 direction.

8 HARI SRIPADANNA: This is the Selinda viewing  
9 point, between these (inaudible).  
10

11 COMMISSIONER JANOFF: And you're saying that the  
12 40 additional trees you're planting are between the viewing  
13 point and front elevation of the house, but not behind it?

14 HARI SRIPADANNA: Here as well.

15 COMMISSIONER JANOFF: There as well?

16 HARI SRIPADANNA: Yes, because we cannot put 40  
17 trees in possibly.

18 COMMISSIONER JANOFF: I wouldn't think so.

19 HARI SRIPADANNA: Yeah.

20 COMMISSIONER JANOFF: Okay, thank you.

21 CHAIR HUDES: I had another question about the  
22 trees, and I know we're getting specific down to the tree  
23 number, but I approach these as a tree-by-tree basis, can  
24 we save every tree?  
25

HARI SRIPADANNA: Right.

1 CHAIR HUDES: And so just to clarify it, you said  
2 that #669 was preserved?

3 HARI SRIPADANNA: Yeah, this one.

4 CHAIR HUDES: Okay. And then Dr. Weissman asked  
5 the question about #671. Is that being removed or  
6 preserved? Because he pointed out that it's being counted  
7 both as screening and as remove.

8 HARI SRIPADANNA: I would like to go back to the  
9 slides and point to the slide.  
10

11 CHAIR HUDES: Yeah, go ahead.

12 HARI SRIPADANNA: If you go back to the site plan  
13 again. Any trees that we show in this area are the only  
14 trees we have counted towards the screening, and the  
15 pictures are clearly shown here of what they are. So, #671  
16 is this particular tree, I believe. This is #670 and then  
17 #671 is somewhere nearby, and we have not counted that in  
18 the screening. It's possible if there's some typo, but...

19 CHAIR HUDES: Okay, so it is slated to be  
20 removed?

21 HARI SRIPADANNA: Yes.

22 CHAIR HUDES: Okay, so that may have been an  
23 error. Other questions? Yes, Commissioner Burch.

24 COMMISSIONER BURCH: Well, I guess to that point  
25 then there are seven errors, because there are seven trees

1 counted under trees to remain or trees to be removed. Most,  
2 I think, are pretty clear that they would obviously have  
3 been removed. I mean, they have to be removed to allow for  
4 the driveway or the home. I think the questions we're  
5 getting are when we are that razor thin to the percentage  
6 allowable visibility one tree off could mean that you're  
7 over on that. So, I would hope in good faith as you move  
8 forward that you would double check these seven, and I'm  
9 happy to list them off if you want me to and you make sure  
10 that if you are looking at removing them that they do not  
11 tip the balance of the percentage shown.  
12

13 HARI SRIPADANNA: Absolutely.

14 COMMISSIONER BURCH: So, if you want a list of  
15 those later, I'm sure we can provide it to you, but I think  
16 it would be good for you to go back and double check that.

17 HARI SRIPADANNA: I will certainly do.

18 CHAIR HUDES: Great. Thank you. Other questions?  
19 Commissioner Barnett.

20 COMMISSIONER BARNETT: I wonder if you have a  
21 response to the comment concerning the fire safety with the  
22 firepit?

23 HARI SRIPADANNA: We will be complying with all  
24 the fire safety regulations and what's allowed by the Fire  
25 Department and the Building Department for putting the

1 fireplace outdoors, and that outdoor fireplace will have  
2 all the safety measure that are required by the code, and  
3 so that's one of the questions even the HOA has asked and  
4 we have provided the documentation of that and they  
5 approved that.

6 CHAIR HUDES: Okay. Other questions? I had a  
7 question about the live roof, which is an interesting  
8 feature and it sounds like it accomplishes a number of  
9 objectives. My question about that is: Is there significant  
10 maintenance required? And we know that this house is being  
11 constructed for these clients and they will take care of it  
12 as they put a lot into the design, but homes get sold  
13 later. I'm not that familiar with this type of thing, but  
14 how easy would that be for that to fall into disrepair and  
15 become a fire hazard rather than a benefit?

17 HARI SRIPADANNA: I can say to you from my own  
18 personal experience, my own house has a green roof and it  
19 consists of not grass but succulent plants, and these  
20 succulent plants actually stop the fire because they are so  
21 thick with water that they actually are used and are meant  
22 to be considered a fire retardant, and the Fire Department  
23 actually approves them as one of the fire retardants.

24 The maintenance part, you would have to weed them  
25 occasionally, and that's always the case with any green

1 roof, but that weeding part is no different than mowing the  
2 lawn; it's actually less because you probably have to weed  
3 it every three months to six months and not every two  
4 weeks.

5 CHAIR HUDES: Okay, thank you. I had another  
6 question about the geothermal, and we haven't seen that  
7 very much in other projects. How complex and how deep do  
8 you have to go to get the geothermal effect I think of 60-  
9 degrees Fahrenheit?  
10

11 HARI SRIPADANNA: So, we have two ways of doing  
12 geothermal. One would be doing a horizontal loop, which we  
13 have allowed for the driveway; that would be a lot more  
14 economical. But we are also looking at the possibility of  
15 going down as we drill the piers, because we would be  
16 drilling the piers at least 16' below ground. Some of  
17 these, depending on the amount of energy needed, would need  
18 to go 30-40' for them to get the amount of surface that  
19 they would need to contact the earth, but both options are  
20 possible.

21 CHAIR HUDES: I see. So, it's part of the normal  
22 construction process you incorporate that in the piers?  
23

24 HARI SRIPADANNA: Correct.

25 CHAIR HUDES: That's really interesting. Any  
other questions? Okay, thank you. I will now close the

1 public portion of the hearing and ask whether Commissioners  
2 have any questions of Staff? Yes, Commissioner Badame.

3 COMMISSIONER BADAME: With respect to Dr.  
4 Weissman's comments with the deck extension, does the  
5 project meet our view analysis standards?

6 SALLY ZARNOWITZ: Our analysis is that it did. I  
7 don't have a specific on the deck being part of that,  
8 whether if the deck weren't there—that would have been a  
9 question for the Applicant—but whether if the deck weren't  
10 there something would have been behind it anyway, but our  
11 analysis was that it did meet our standards for the view  
12 analysis.  
13

14 COMMISSIONER BADAME: Thank you.

15 CHAIR HUDES: Yes, Vice Chair Hanssen.

16 VICE CHAIR HANSSEN: Related to that question,  
17 I'm trying to remember from the last time we went through  
18 this, when we do a view analysis it's done by the  
19 Applicant, correct? And then they have to show it to Staff?

20 SALLY ZARNOWITZ: That's correct.

21 VICE CHAIR HANSSEN: And that you check their  
22 methodology?

23 SALLY ZARNOWITZ: That's correct, yes, so it  
24 follows the guidelines for that as well.  
25

1 VICE CHAIR HANSSEN: Do we have any kind of  
2 notion of like standard deviation of error, because it is  
3 very close to the limit and so if there was an error in  
4 calculation then it could put it over, but at the same time  
5 we don't want to be holding applicants to a higher standard  
6 than the one we put out there, so is it typical with these  
7 kinds of things that there could be a range of error or are  
8 we fairly confident that the numbers we've seen are  
9 correct?  
10

11 SALLY ZARNOWITZ: We were confident in these  
12 numbers, so I guess it would be... Again, it's before the  
13 Commission. If the Commission feels that it's too close to  
14 the 24.5%, that's up to the Commission as well. We don't  
15 know exactly. I don't think we have an exact number for the  
16 margin of error as you're saying.

17 VICE CHAIR HANSSEN: But we do know they followed  
18 the procedure that we've outlined?

19 SALLY ZARNOWITZ: That's correct.

20 VICE CHAIR HANSSEN: Thank you.

21 CHAIR HUDES: Other questions? Yes, Commissioner  
22 Badame.

23 COMMISSIONER BADAME: So, again, if the Planning  
24 Commission wasn't comfortable with the possible margin of  
25 error but they're still within it the burden of proof is on

1 the Applicant, so if we had an issue with it they would go  
2 to Council and it's within the guidelines, so that's that?  
3 Am I correct? Burden of proof is Applicant and (inaudible)?

4 SALLY ZARNOWITZ: Correct, and the plans are  
5 conditions, the plans have to represent the project  
6 accurately.

7 COMMISSIONER BADAME: Thank you.

8 SALLY ZARNOWITZ: I don't know if the attorney  
9 has anything to add, but he seems to be nodding.  
10

11 ROBERT SCHULTZ: I'm nodding, and I guess the  
12 other issue was the tree issue. I mean, the Staff Report is  
13 clear on I think it's page three or four that exactly the  
14 trees that are going to be removed and you have conditions  
15 that every tree will need a Tree Removal Permit, so those  
16 are the ones that are coming out even though there seems to  
17 be with one of the sheets clarification, but that shows  
18 exactly the trees that are going to be removed within the  
19 Staff Report and the conditions of approval.

20 COMMISSIONER BADAME: Thank you.

21 CHAIR HUDES: Vice Chair Hanssen.

22 VICE CHAIR HANSEN: I should have asked this of  
23 the Applicant, but since you've reviewed the (inaudible),  
24 so the house is currently...the height is 22' where 25' is  
25 allowed unless they're over the view, but I thought I heard



1 him say that there's only a small portion of the roof that  
2 was more than 18', because the mitigation would be if they  
3 were over the view to make them be at 18', but I think what  
4 I heard him say is most of the house is already at 18', is  
5 that correct?

6           SALLY ZARNOWITZ: That is correct. There's that  
7 kind of small piece that's at the top of the roof, it's  
8 kind of like a bird's nest, or the sloping piece that's  
9 slightly higher, that's the small portion that is over the  
10 18'. Thank you.

11           VICE CHAIR HANSEN: Thank you.

12           CHAIR HUDES: Okay, other questions or comments  
13 or a motion, or how would we like to go next on this?  
14 Commissioner Burch.

15           COMMISSIONER BURCH: I'll go ahead and start. I  
16 want to compliment the design. While it's a more modern  
17 design I think it's very sympathetic to the landscape and  
18 the way the hillside slopes, which is exactly what I feel  
19 like we keep reminding people that they're supposed to do.  
20 I believe that the materials selected will make that  
21 percentage that we are seeing that will be visible nearly  
22 disappear. I do not think that we'll notice it very much at  
23 all.  
24  
25

1 I do think it's unfortunate when you are that  
2 close that somebody wasn't more diligent on verifying the  
3 trees to be removed or to remain, only because it does wind  
4 up bringing a question in peoples' minds about that  
5 percentage, however, as I looked at them and just mapped  
6 them out they were clearly items that were sitting in the  
7 middle of the home or the drive, so therefore they're not  
8 to be remained and I do not think that they were probably  
9 shown on any image illustrating the visibility.  
10

11 I'm going to support the motion. Again, I think  
12 the design is very sympathetic to the hillsides and I'm  
13 extremely impressed with a home that is going for LEED  
14 Platinum; that's very commendable and hopefully something  
15 we see more of.

16 CHAIR HUDES: Commissioner Janoff.

17 COMMISSIONER JANOFF: I concur with Commissioner  
18 Badame's comments and I would also like to say it's a rare  
19 and pleasant experience to see a design come to us that  
20 doesn't try to exceed the cut and fill standards and I  
21 truly appreciate that, and I'm also happy to hear that the  
22 plantings will include trees behind the house so that  
23 continues to obscure the overall skyline of the hill.  
24

25 I was a proponent of the modern structure that's  
the neighboring property and I think it's nice to see

1 another home come into that neighborhood that reflects a  
2 more modern aesthetic, and I do think it's very, very  
3 sympathetic to the hillside contours and so I will also be  
4 supporting the motion.

5 CHAIR HUDES: We are lacking a second for the  
6 motion. Do we have a second?

7 COMMISSIONER BURCH: I didn't make a motion.

8 CHAIR HUDES: Oh, I'm sorry.

9 COMMISSIONER BURCH: I was just saying I support  
10 the application.  
11

12 CHAIR HUDES: I'm way ahead of it.

13 COMMISSIONER BURCH: I wasn't so bold just yet.

14 CHAIR HUDES: Okay. Yes, Commissioner Barnett.

15 COMMISSIONER BARNETT: In my opinion, I'm  
16 reviewing the materials, I thought that the application is  
17 in total compliance with the Hillside Design Standards and  
18 Guidelines and that there is particular merit in the  
19 architectural design that's been noted. The sustainability  
20 and the minimization of bulk and mass I think all are to be  
21 complimented.

22 CHAIR HUDES: Vice Chair Hanssen.

23 VICE CHAIR HANSSEN: I agree with most of the  
24 comments that have been made and I also wanted to commend  
25 the Applicant. It's not very often that we see an

1 application where they aren't wanting to violate some  
2 aspect of our Hillside Standards and Guidelines or code and  
3 that seems to be what we're here for, so I was really glad  
4 to see that and I had to ask Staff why are we seeing this  
5 again? But I think it is prudent for them to have the  
6 additional review because the hillsides are that important  
7 to the Town of Los Gatos and the view and all of those  
8 things, so I'm glad that we had the opportunity to review  
9 this.

10  
11 But I think the design is great; the consulting  
12 architect had no problem with it. It looks terrific. I  
13 didn't totally understand the concept of fitting to the  
14 slope of the land until the architect explained it, but I  
15 think that's really awesome and I actually took several  
16 classes for sustainability and I know all about LEED  
17 certification and I think that's awesome and we hardly ever  
18 see it for residences, so assuming there is a motion to  
19 approve I'll be supporting it.

20 CHAIR HUDES: Commissioner Badame.

21 COMMISSIONER BADAME: The Planning Commission  
22 doesn't have the expertise to refute the analysis, so I'm  
23 going to go ahead and make a motion.

24 I move to approve Architecture and Site  
25 Application S-18-053 requesting approval for construction

1 of a new single-family residence and removal of large  
2 protected trees on a vacant property zoned HR-2½. I can  
3 make the required findings for CEQA. I can make the  
4 findings for compliance with the Hillside Design Standards  
5 and Guidelines. I can find that it's compliant with the  
6 Hillside Specific Plan. I can make the finding that it's in  
7 compliance with the approved Planned Development, and these  
8 considerations were made in review of Architecture and Site  
9 Application Section 29.20.150 of the Town Code.

10  
11 CHAIR HUDES: Okay, thank you. Now do I have a  
12 second? Commissioner Tavana.

13 COMMISSIONER TAVANA: I'll second that motion.

14 CHAIR HUDES: Further discussion? Yes,  
15 Commissioner Barnett.

16 COMMISSIONER BARNETT: I'm a newbie, so forgive  
17 me if I'm off course here, but the conditions of approval  
18 need to be incorporated into the motion. Is that done  
19 automatically?

20 ROBERT SCHULTZ: Yes, you can include those also.  
21 That's a good point.

22 CHAIR HUDES: Thank you. So, Maker of the Motion,  
23 is that included?

24 COMMISSIONER BADAME: Yes, I believe it's  
25 automatically included.

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CHAIR HUDES: And seconder?

COMMISSIONER TAVANA: Second.

CHAIR HUDES: Very good. I will call the question. All in favor? Opposed? Passes unanimously 7-0. Are there appeal rights?

SALLY ZARNOWITZ: Yes, there are. The decision of the Planning Commission is appealable within ten days to the Town Council at the Clerk's Office and with fees paid.

CHAIR HUDES: Okay, thank you.

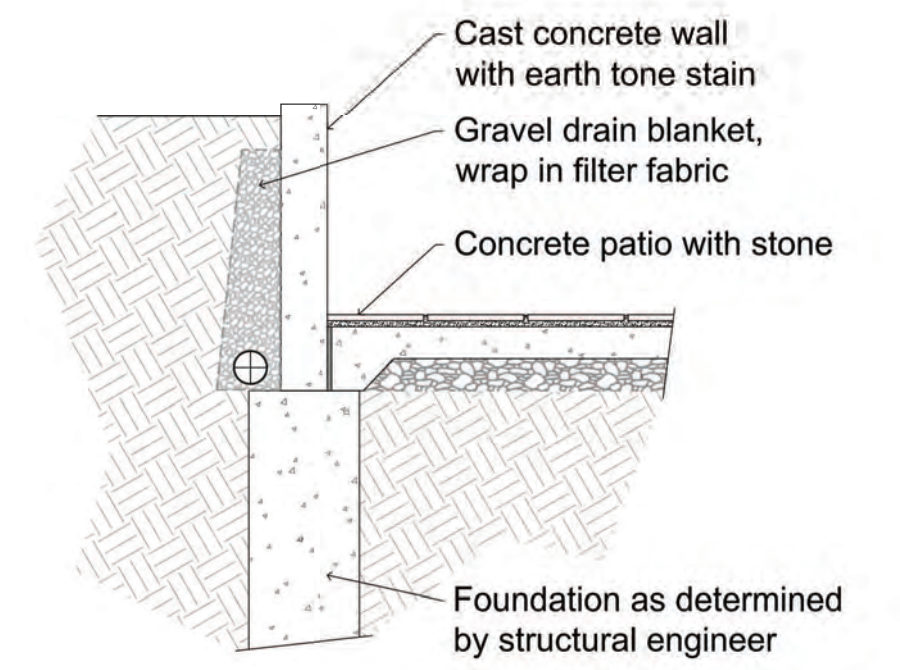


**REFERENCE NOTES SCHEDULE 1**

SYMBOL	DESCRIPTION
9	18' asphalt entry driveway section
18	Approximate entrance to lot B driveway
21	Automatic entry gates
23	Entry gate setback - 170'
25	Asphalt drive transitions to 16' wide after entry to adjacent residence
26	Concrete patios with stone
27	Planter wall, typical all walls. See detail this sheet
28	Permeable paving in hatched area to reduce impervious surface, i.e. EGO pavers, gravel, etc.
29	Paver driveway with installation that meets H/20 and HS/20 load standards
30	Trash enclosure, see detail sheet L2.2

**LEGEND**

- - - - LRDA line
- □ □ Proposed fence line



**2** **PLANTER WALL AND HARDSCAPE DETAIL** 1  
 1/2" = 1'-0" DETAIL-FILE

REVISIONS	BY
1	Per town comments
	DRF

David R. Fox & Company, Landscape Architecture  
 50 University Ave. Ste. 1142, Los Gatos, California 95030  
 408-761-0212 phone david@dra.com



**Perimeter Fence and Details**  
**Planter Wall Detail**

**The Olgaard Residence**  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036



Date	10/1/19
Scale	1"=20'-0"
Drawn	DRF
Job	Olgaard
Sheet	<b>L2.0</b>
Of	Sheets

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BP27585

Town of Los Gatos  
Office of the Town Clerk

PAID

JAN 22 2020

110 E. Main St., Los Gatos CA 95030

LOS GATOS  
CLERK DEPARTMENT  
RECEIVED

2020 JAN 17 A 9:07

**FILING FEES**  
**\$438.00 (PLAPPEAL) Residential**  
**\$1,763.00 (PLAPPEAL), per**  
**Commercial Multi-family or**  
**Tentative Map Appeal**

---

**TRANSCRIPTION \$500 (PLTRANS)**

**APPEAL OF PLANNING COMMISSION DECISION**

I, the undersigned, do hereby appeal a decision of the Planning Commission as follows: (PLEASE TYPE OR PRINT NEATLY)  
DATE OF PLANNING COMMISSION DECISION 1/8/2020

PROJECT / APPLICATION NO:

5-18-052

ADDRESS LOCATION:

15365 SANTELLA COURT

Pursuant to the Town Code, the Town Council may only grant an appeal of a Planning Commission decision in most matters if the Council finds that one of three (3) reasons exist for granting the appeal by a vote of at least three (3) Council members. Therefore, please specify how one of those reasons exists in the appeal:

1. The Planning Commission erred or abused its discretion because OF THE CONFUSION IN THE VISIBILITY ANALYSIS. A THIRD PARTY CONSULTANT SHOULD REPO THIS ANALYSIS.

2. There is new information that was not reasonably available at the time of the Planning Commission decision, which is \_\_\_\_\_; OR  
\_\_\_\_\_  
\_\_\_\_\_ (please attach the new information if possible): OR

3. The Planning Commission did not have discretion to modify or address the following policy or issue that is vested in the Town Council: THE TOWN HAS NO WRITTEN GUIDELINES AS TO WHAT CAN BE INCLUDED IN A BUILDING ELEVATION.

IF MORE SPACE IS NEEDED, PLEASE ATTACH ADDITIONAL SHEETS.

**IMPORTANT:**

1. Appellant is responsible for fees for transcription of minutes. A \$500.00 deposit is required at the time of filing.
2. Appeal must be filed within ten (10) calendar days of Planning Commission Decision accompanied by the required filing fee. Deadline is 5:00 p.m. on the 10<sup>th</sup> day following the decision. If the 10<sup>th</sup> day is a Saturday, Sunday, or Town holiday, then it may be filed on the workday immediately following the 10<sup>th</sup> day, usually a Monday.
3. The Town Clerk will set the hearing within 56 days of the date of the Planning Commission Decision (Town Ordinance No. 1967).
4. An appeal regarding a Change of Zone application or a subdivision map only must be filed within the time limit specified in the Zoning or Subdivision Code, as applicable, which is different from other appeals.
5. Once filed, the appeal will be heard by the Town Council.
6. If the reason for granting an appeal is the receipt of new information, the application will usually be returned to the Planning Commission for reconsideration.

PRINT NAME: DAVID WEISSMAN SIGNATURE: David Weissman  
DATE: \_\_\_\_\_ ADDRESS: 15431 Francis Oaks Way  
PHONE: (408) 358-3556

\*\*\* OFFICIAL USE ONLY \*\*\*

DATE OF PUBLIC HEARING: \_\_\_\_\_  
**Pending Planning Department Confirmation**

CONFIRMATION LETTER SENT: Date: \_\_\_\_\_  
TO APPLICANT & APPELLANT BY: \_\_\_\_\_

DATE TO SEND PUBLICATION: \_\_\_\_\_

DATE OF PUBLICATION: \_\_\_\_\_ ATTACHMENT 4

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RECEIVED

JAN 29 2020

TOWN OF LOS GATOS  
PLANNING DIVISION

**FILING FEES**  
**\$438.00 (PLAPPEAL) Residential**  
**\$1,763.00 (PLAPPEAL), per**  
**Commercial, Multi-family, or**  
**Tentative Map Appeal**

**TRANSCRIPTION \$500 (PLTRANS)**

**Town of Los Gatos**  
**Office of the Town Clerk**  
**110 E. Main St., Los Gatos CA 95030**

**APPEAL OF PLANNING COMMISSION DECISION**

I, the undersigned, do hereby appeal a decision of the Planning Commission as follows: (PLEASE TYPE OR PRINT NEATLY)  
 DATE OF PLANNING COMMISSION DECISION 1/8/2020

PROJECT / APPLICATION NO: 5-18-052

ADDRESS LOCATION: 15365 Santella Ct

Pursuant to the Town Code, any interested person as defined in Section 29.10.020 may appeal to the Council any decision of the Planning Commission.

Interested person means:

1. **Residential projects.** Any person or persons or entity or entities who own property or reside within 1,000 feet of a property for which a decision has been rendered, and can demonstrate that their property will be injured by the decision.
2. **Non-residential and mixed-use projects.** Any person or persons or entity or entities who can demonstrate that their property will be injured by the decision.

Section 29.20.275 The notice of appeal shall state specifically wherein it is claimed there was an error or abuse of discretion by the Commission or wherein its decision is not supported by substantial evidence in the record.

1. There was an error or abuse of discretion by the Planning Commission:

THE TOWN HAS NO WRITTEN GUIDELINES AS TO WHAT CAN BE INCLUDED IN A BUILDING ELEVATION

; OR

2. The Planning Commission's decision is not supported by substantial evidence in the record:

CONFUSION IN THE VISIBILITY ANALYSIS. A THIRD PARTY CONSULTANT SHOULD REDO THIS ANALYSIS

IF MORE SPACE IS NEEDED, PLEASE ATTACH ADDITIONAL SHEETS.

**IMPORTANT:**

1. Appellant is responsible for fees for transcription of minutes. A \$500.00 deposit is required at the time of filing.
2. Appeal must be filed within ten (10) calendar days of Planning Commission Decision accompanied by the required filing fee. Deadline is 5:00 p.m. on the 10<sup>th</sup> day following the decision. If the 10<sup>th</sup> day is a Saturday, Sunday, or Town holiday, then it may be filed on the workday immediately following the 10<sup>th</sup> day, usually a Monday.
3. The Town Clerk will set the hearing within 56 days of the date of the Planning Commission Decision (Town Ordinance No. 1967).
4. Once filed, the appeal will be heard by the Town Council.
5. If the basis for granting the appeal is, in whole or in part, information not presented to or considered by the Planning Commission, the matter shall be returned to the Planning Commission for review.

PRINT NAME: DAVID WEISSMAN SIGNATURE: David Weissman  
 DATE: 1/29/20 ADDRESS: 15431 Francisco Oaks Way  
 PHONE: (408) 358-3556 EMAIL: gryllus@gmail.com

**\*\*\* OFFICIAL USE ONLY \*\*\***

DATE OF PUBLIC HEARING: MARCH 3, 2020  
Pending Planning Department Confirmation

CONFIRMATION LETTER SENT: Date:  
TO APPLICANT & APPELLANT BY:

DATE TO SEND PUBLICATION: \_\_\_\_\_

DATE OF PUBLICATION: \_\_\_\_\_

ATTACHMENT 5

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Re: Olgaard Residence- Project Justification Letter

Site Address:15365 Santella Court; APN: 527-09-036. Architecture & Site Application# S-18-052.

Date:

Feb 04, 2019

Dear Los Gatos Town Council Members

On behalf of Christian and Helen Olgaard, I am honored and pleased to present this new net zero energy use, sustainable (green) design project to the Town of Los Gatos. From the very beginning we worked with your knowledgeable planning and engineering staff who helped us understand the Los Gatos hill sides design guidelines and standards to preserve them in their natural state.

We consulted with your staff early on and met with them frequently. We were prepared by your staff for this arduous and strict compliance design review process. Our design team also had willing support of my clients to design a creative and an innovative, contemporary, sustainable home that reflects their lifestyle, and their desire to bring in the outdoor natural hillside environment to indoors in a seamless way. As a result of this collaborative process we had very minimal revisions to the overall original design concept and were able to create a home design that met all requirements without any exceptions.

The proposed single-family home, to be developed on a vacant lot has two-levels, 4 bedrooms, 4 1/2 baths and 3 car-garage, of 5,840 sf. allowable floor area and a 756 sf below grade (basement) space.

This project was unanimously approved following a thorough review by the Planning Staff, and has subsequently been appealed by Dr. David Weissman, questioning the Visibility Analysis data and methodology. This letter accompanies the submitted building plans and additional exhibits for the above referenced project, and contains descriptions of the property, the neighborhood, and how it complies with the Hillside Development Standards and Guidelines, specifically for Visibility Screening Analysis.

### **Visibility Screening Analysis Methodology**



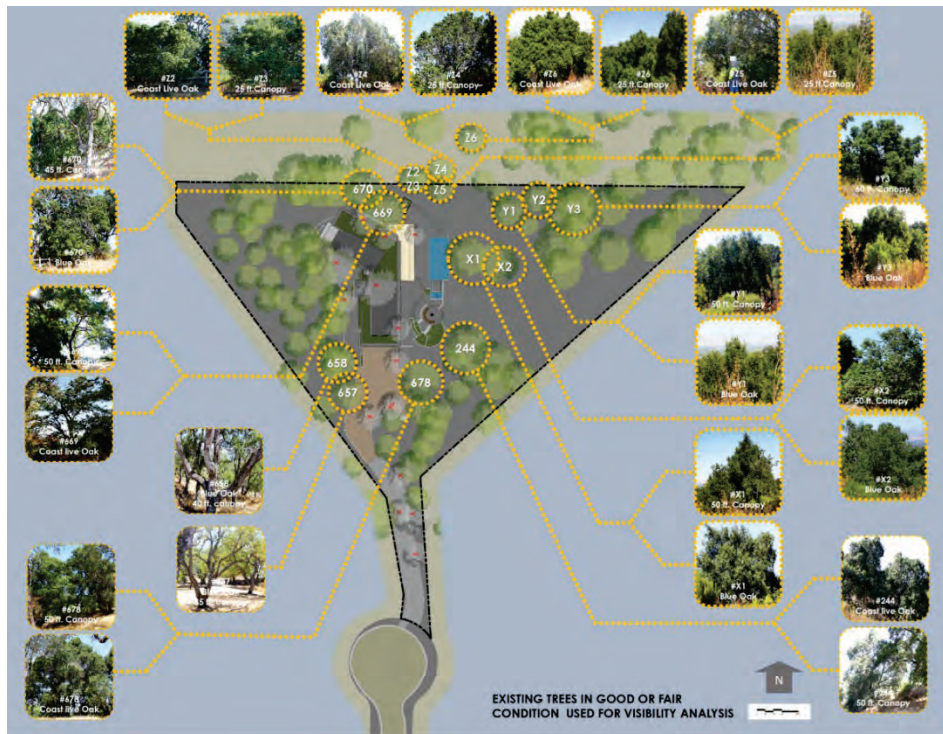
*Figure 1 Site and Neighborhood Terrain was modelled based on topography drawings and Google Earth*

We have done an exhaustive study of the site, the surrounding topography, screening of the mature trees in the vicinity, and the visibility of the project from the viewing areas. Our initial studies with the computer model indicated that the project wouldn't be seen from Blossom Hill /LG Blvd intersection viewing area due to dense tree coverage. This fact was later confirmed by the subsequent pictures taken after the story-poles are installed. We then focused on our study on the Selinda Way/LG Almaden Rd. viewing area



*Figure 2: "Sketchup" and Google Earth were used to configure the location and altitude of the View angles*

We used primarily Revit (CAD software used typical for architectural design) to build the topography and the home design in 3D. We prepared the screening analysis from the guidelines and examples provided by the Planning department.



*Figure 3: Existing trees were documented for size, health and location form survey drawings and arborist report*

We modelled the topography based on data from our surveyor, neighborhood topography drawings from Davidan and Google earth's 3d model of the whole community. We also modelled the trees based on the Arborist's report, aerial pictures from Google earth/Bing Virtual 3d Earth and our site visits/ pictures documenting the tree size and location.

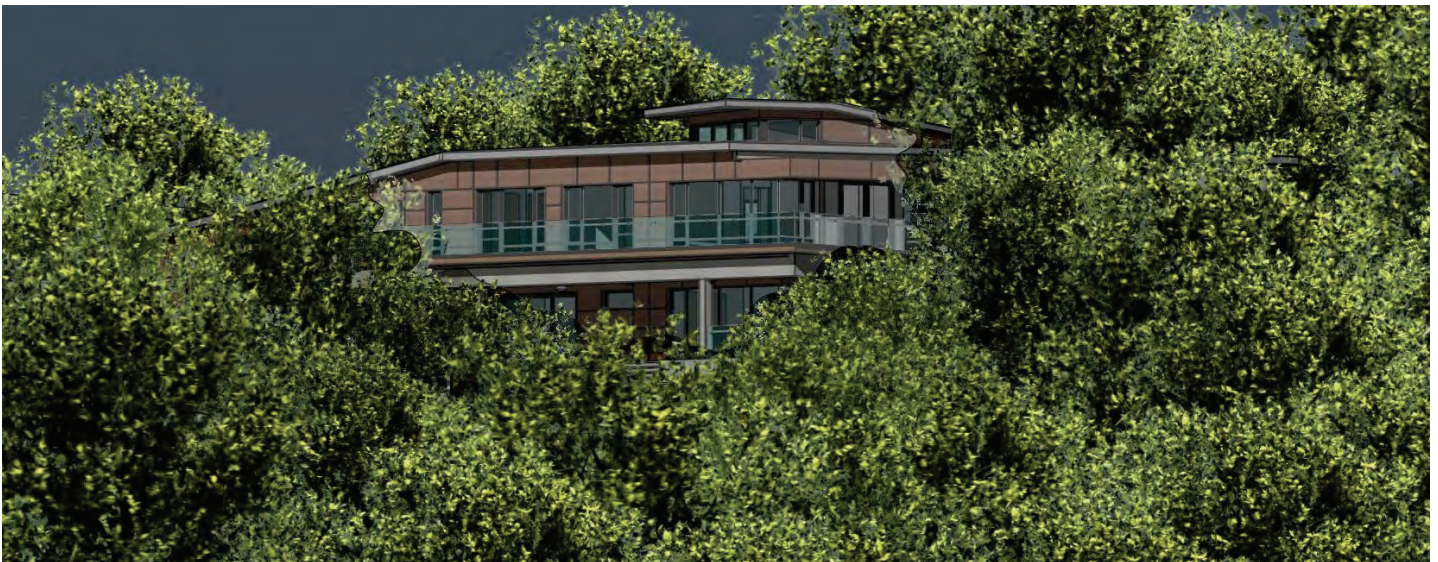
Based on that data we were able to find the precise angle of the observation viewpoint one would see the building elevation. We then calculated the surface area of the building elevation and all connected mass in front of the building (including site elements such as the outdoor seating area in front of the building).



*Figure 4: Elevation area (including all site elements) towards Selinda way/ L.G. Almaden Blvd. Viewing area*

We then, superimposed the 3D rendering views of the model, on pictures taken from the Selinda Way observation area with a 300mm lens after the story poles were installed. With help of the story pole outlines, we were able to locate and superimpose the 3D-rendering of the home over 300mm lens pictures from the observation area.

Based on the pictures with tree screening we drew an outline of the area seen from the Selinda Way Observation area. We then deducted the visible building area, from the total area of the home elevation, to arrive at the data shown in our visibility/screening analysis.



*Figure 5: Close up 3D Rendering (created in Revit) of the view from Selinda way/ L.G. Almaden Blvd. Viewing area*

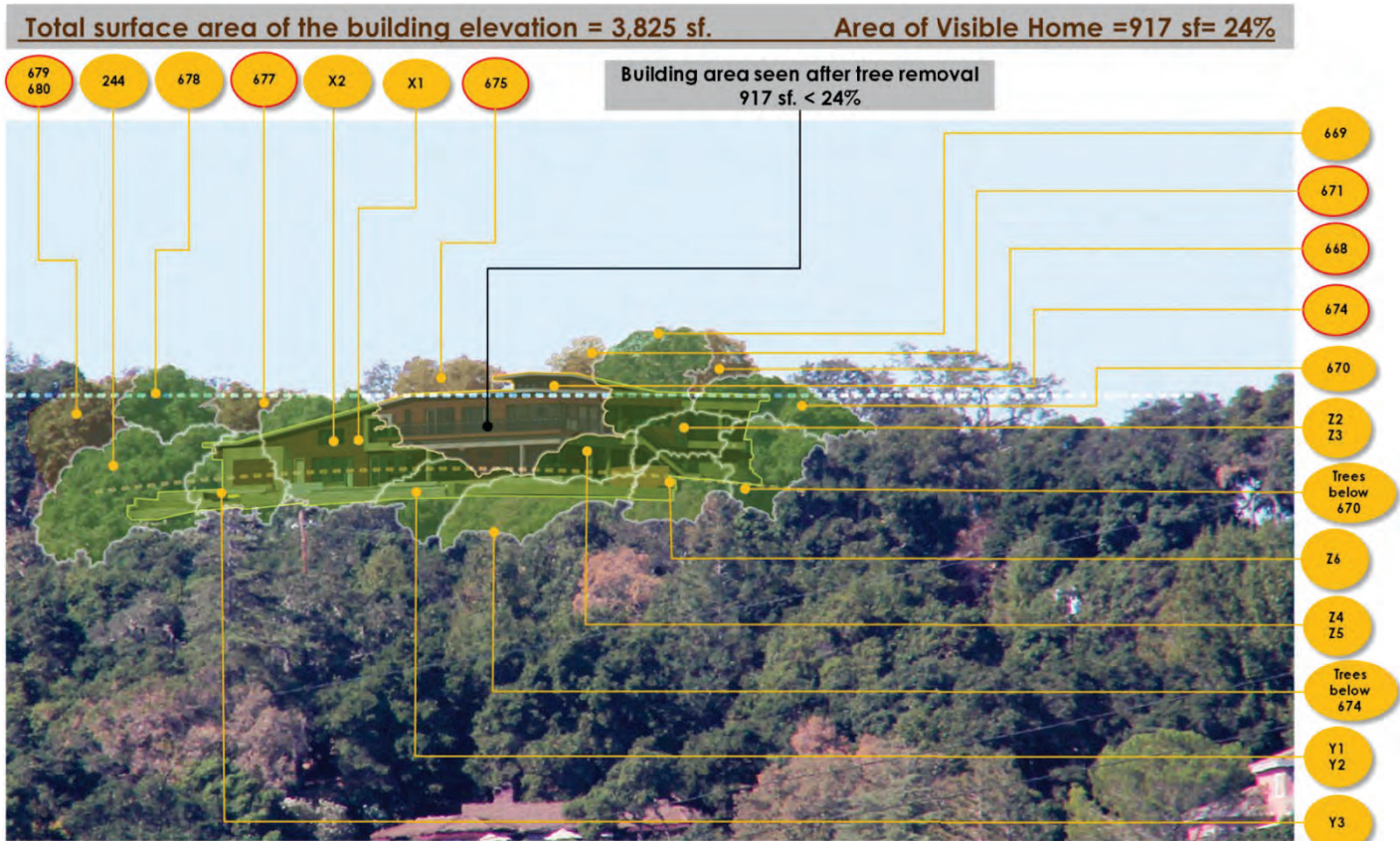


Figure 6: Home rendering superimposed on 300 mm lens view Selinda way/ L.G. Almaden Blvd. Viewing area

We provided all this information to the planning staff and they have crosschecked and validated the analysis. We followed the recent precedent set by the visibility analysis of the neighboring lot #10, given to us as an example by the city staff. As shown for project at lot #10, We show all the building mass area that would be visible from the viewpoint. This logically includes the mass of the outdoor seating area, in front of the building and **all site elements**. In a similar scenario, a project with a large visible area of site elements, should be included, to give an accurate calculation of visible home.

**Analysis of Terrain Surrounding the Site**

When we studied the cross section of the topography of the hillsides and the ridges from the Selinda Way/LG Almaden Rd., it became obvious why this project site wouldn't be seen from anywhere nearby. Due to a secondary ridge in front of the site, the home wouldn't be seen, unless the observer is a mile or more away. As shown in the illustration below, the view is blocked when an observer comes within a mile of the project.

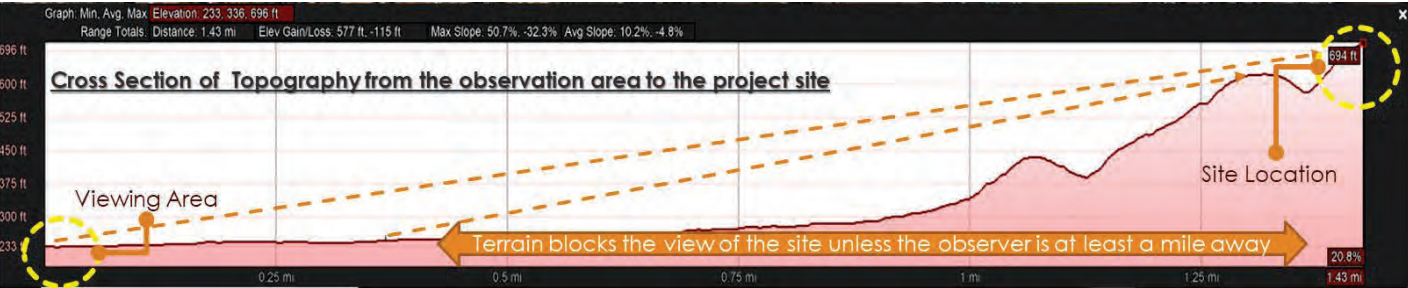
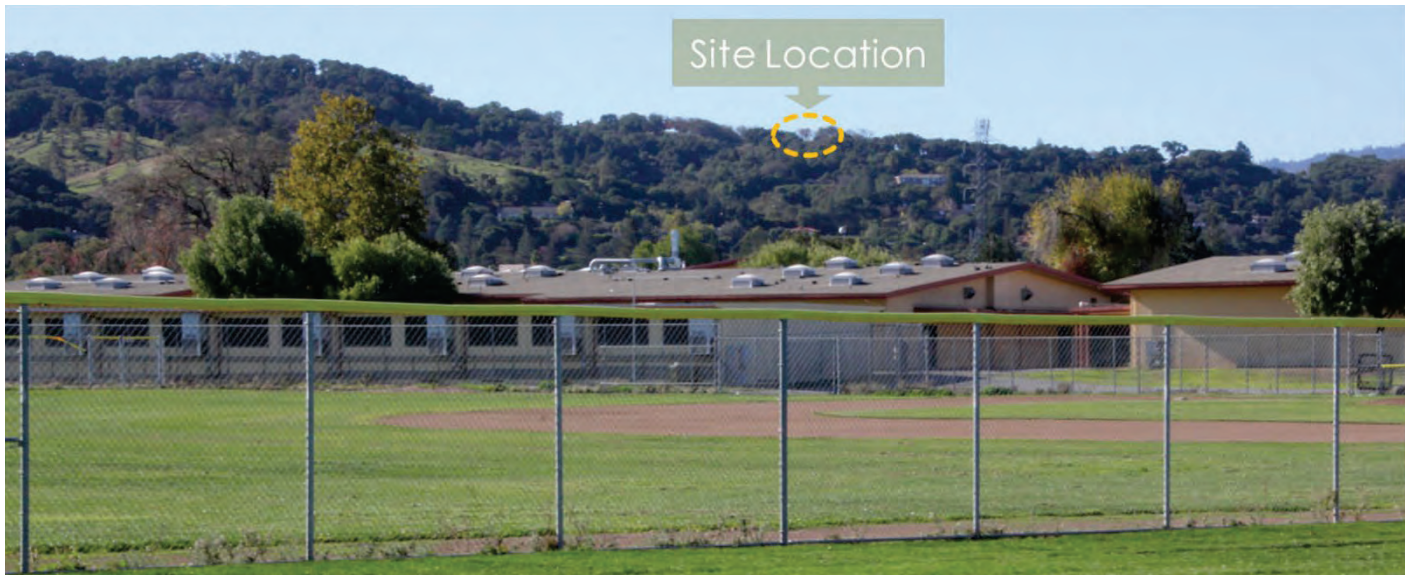


Figure 7: Terrain in front of the home blocks the view of the home from nearby



This picture below is taken from Selinda Way/LG Almaden Rd. intersection (about 1.5 miles away). The property is barely visible with a naked eye. So, unless the observer is at least a mile away from the site, it cannot be seen. Given that distance one cannot distinguish the home with a naked eye.

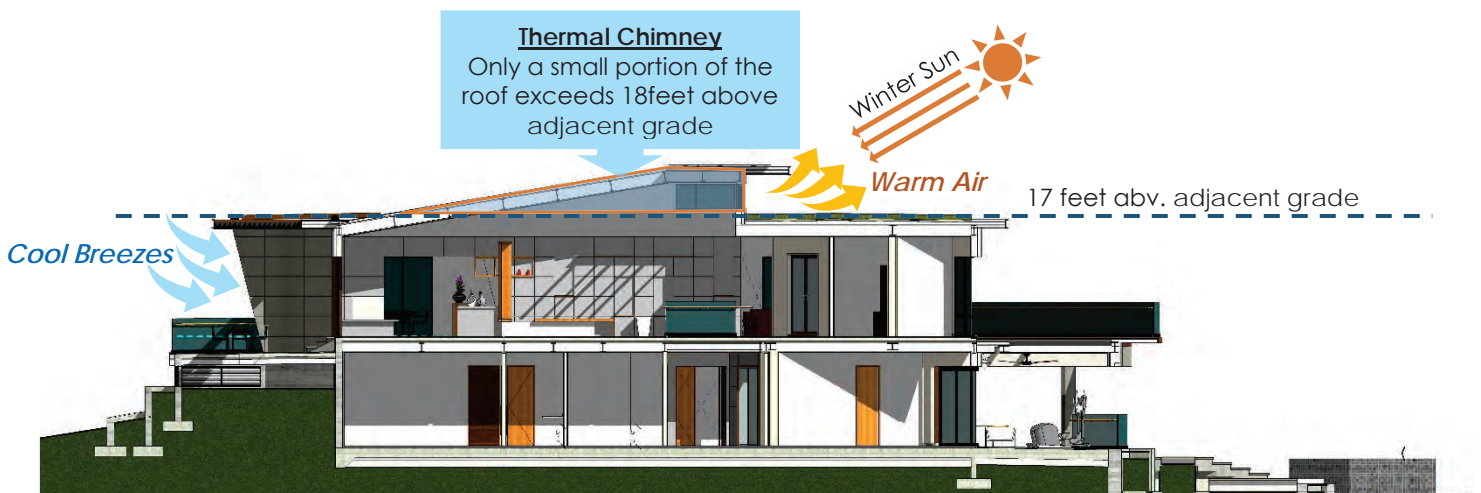


*Figure 8: 50 mm lens view from Selinda Way/LG Almaden Rd. Proposed home is barely visible to most.*

Not only does the project's visibility analysis comply with the Hillside Development Standards and Guidelines, it also for all practical purposes, wouldn't be seen (without a 300mm lens). Therefore, this home with low LRV surface material values, will have very little impact to the hillside views, from Selinda Way/LG Almaden Rd. viewing area.

### Articulation of the Building Mass

This low-profile home with a linear horizontal building form follows the site contours and levels so that the structure appears integrated into the hill side. It reduces the appearance of a large mass, impact on existing grading and vegetation. Only a small portion of the roof extends beyond a height of 18feet (homes below 18 feet height wouldn't be considered as a visible home). This roof form acts as thermal chimney and lets the winter sun in. It is critical to the homes passive cooling in the summer and warming in the winter.



*Figure 9: Passive Solar Design*

## Sustainable Net Zero Energy Design

The sustainable design features of this home include a net zero energy design and LEED certification.



*Figure 10: Sustainable Net Zero Energy Design*

- The landscape design includes planting 40 new mature California native trees in addition to contributing to the Town Tree Replacement Fund. Most of the landscaping is specified to be native Californian, deer resistant and drought tolerant.
- The design features a live green roof with integrated photovoltaic system, that filters rainwater and offset 100% of the anticipated home energy usage.
- The proposed home will run on only electric power (no gas use) to reduce fossil fuel use.
- A geothermal HVAC system utilizes the earth's constant temperature of 60° F to pre-heat or cool the water for the electric heat pump and domestic hot water.
- Among all other stringent requirements for the LEED certification we are considering rainwater harvesting and grey water system for landscape irrigation.
- Our current estimation of LEED V4 for Homes certification credits totaled 76.5 points, close to certification thresholds for LEED Gold or Platinum.

In other words the home design mitigates all the impacts of the development in terms of its size on the vegetation and grading, absorption of rain water into the ground, energy use, fire safety and visibility from the neighborhood, with a low profile, and low LRV value materials & finishes.

## CONCLUSION

This design has been envisioned and developed from the beginning to enhance and elevate the natural beauty of the hill side environment. The home is designed to integrate into the land and become part of the harmonious natural order. The design closely follows Hillside Development Standards and Guidelines in its intent, scale, colors, massing and overall design without any exceptions.

It is unfortunate and ironic that Dr. David Weissman, chose to appeal an approval for the project's visibility analysis, for a home that will not be seen by most in the town. We request the City Council evaluate for project for all its virtues and for its seamless integration into the hillside community and the environment and approve the project.

Sincerely



Hari Sripadanna AIA C-30730

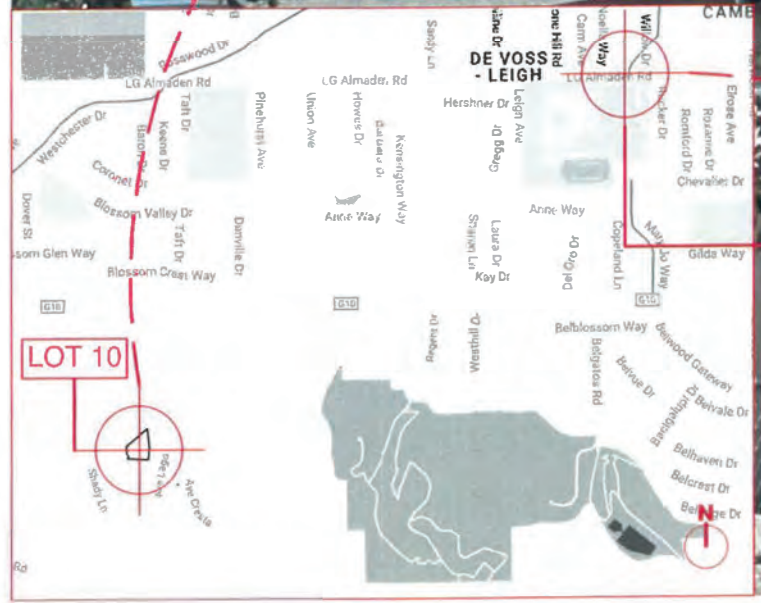
 [Srusti Architects](http://www.srustiarchitects.com)

P - 408-507-8138 [hari@srustiarchitects.com](mailto:hari@srustiarchitects.com)

We collaborate to create sustainable spaces.

[www.srustiarchitects.com](http://www.srustiarchitects.com)

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VIEWING PLATFORM  
NW CORNER  
LOS GATOS ALMADEN ROAD  
& SELINDA WAY

17 VISIBILITY STUDY TAKEN FROM 50MM (NAKED EYE POINT OF VIEW)

NOTES

**MHA**  
MARK HORTON  
ARCHITECTURE  
135 SOUTH PARK  
SAN FRANCISCO  
CALIFORNIA  
94107  
U.S.A.  
T 415.543.3347  
F 415.543.1440  
www.mh-a.com

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**DOS** JAIME GUZMAN  
ARQUITECTOS

**VISOSO**  
**15358 SANTELLA COURT**  
LOS GATOS,  
CALIFORNIA  
95032

FOR  
PLANNING REVIEW RESUBMITTAL  
DATE  
11 OCTOBER 2017  
SCALE  
AS NOTED  
DRAWN BY  
JT  
JOB NUMBER  
15114  
REVISIONS

VISIBILITY STUDY  
**SKA.437**



TREES IN FRONT OF LOT 10 PROPOSED HOUSE

LOT 11 T.O. ROOF

740'-0"±

720'-3"±

CUL-DE-SAC @ LOT 10 LEVEL

410

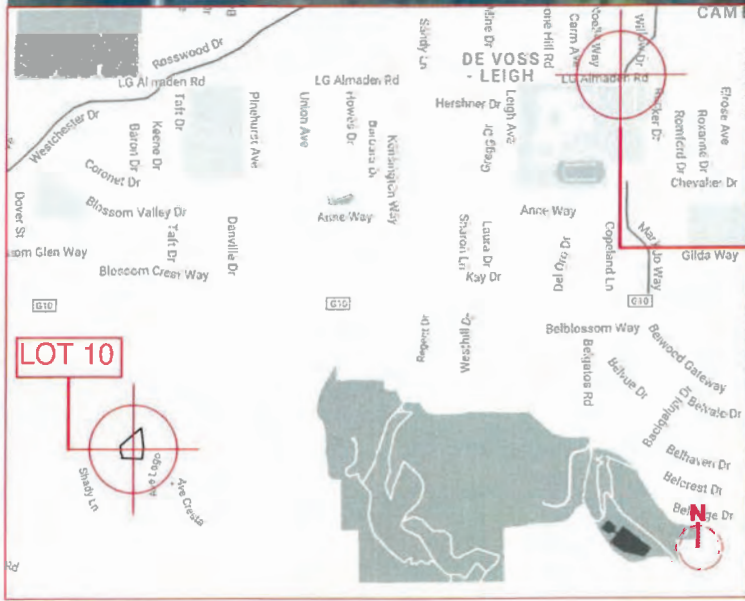
404

399

707

705

697



VIEWING PLATFORM NW CORNER LOS GATOS ALMADEN ROAD & SELINDA WAY

NOTES

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MARK HORTON ARCHITECTURE  
135 SOUTH PARK  
SAN FRANCISCO CALIFORNIA  
94107  
U.S.A  
T 415.543.3347  
F 415.543.1440  
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ARQUITECTOS

VISOSO

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JOB NUMBER 18114  
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VISIBILITY STUDY

**SKA.451**



TREES IN FRONT OF LOT 10 PROPOSED HOUSE

410

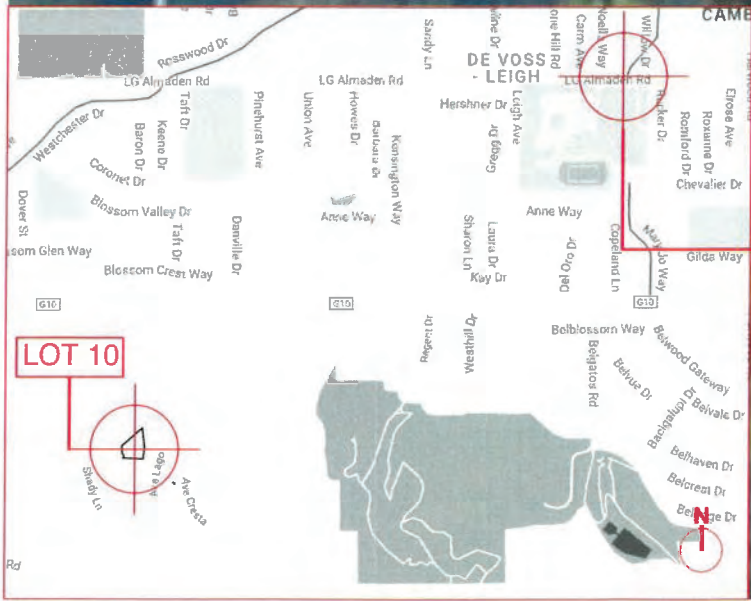
404

399

707

705

697



VIEWING PLATFORM  
NW CORNER  
LOS GATOS ALMADEN ROAD  
& SELINDA WAY

NOTES



MARK HORTON  
ARCHITECTURE  
135 SOUTH PARK  
SAN FRANCISCO  
CALIFORNIA  
9 4 1 0 7  
U . S . A  
T 415.543.3347  
F 415.543.1440  
www.mh-a.com

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VISIBILITY STUDY

SKA.452



TREES IN FRONT OF LOT 10 PROPOSED HOUSE

HIDDEN BY VEGETATION

NOT HIDDEN BY VEGETATION

VIEWING PLATFORM NW CORNER LOS GATOS ALMADEN ROAD & SELINDA WAY



CALCULATIONS

VISIBLE AREA: 606.6 SF  
 TOTAL AREA: 2,506.7 SF  
 = 24.2% SF VISIBLE



MARK HORTON  
 ARCHITECTURE  
 135 SOUTH PARK  
 SAN FRANCISCO  
 CALIFORNIA  
 9 4 1 0 7  
 U . S . A  
 T 415.543.3347  
 F 415.543.1440  
 www.mh-a.com

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VISOSO

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VISIBILITY STUDY CALCULATIONS

SKA.453





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ARCHITECTURE  
135 SOUTH PARK  
SAN FRANCISCO  
CALIFORNIA  
9 4 1 0 7  
U . S . A  
T 415.543.3347  
F 415.543.1440  
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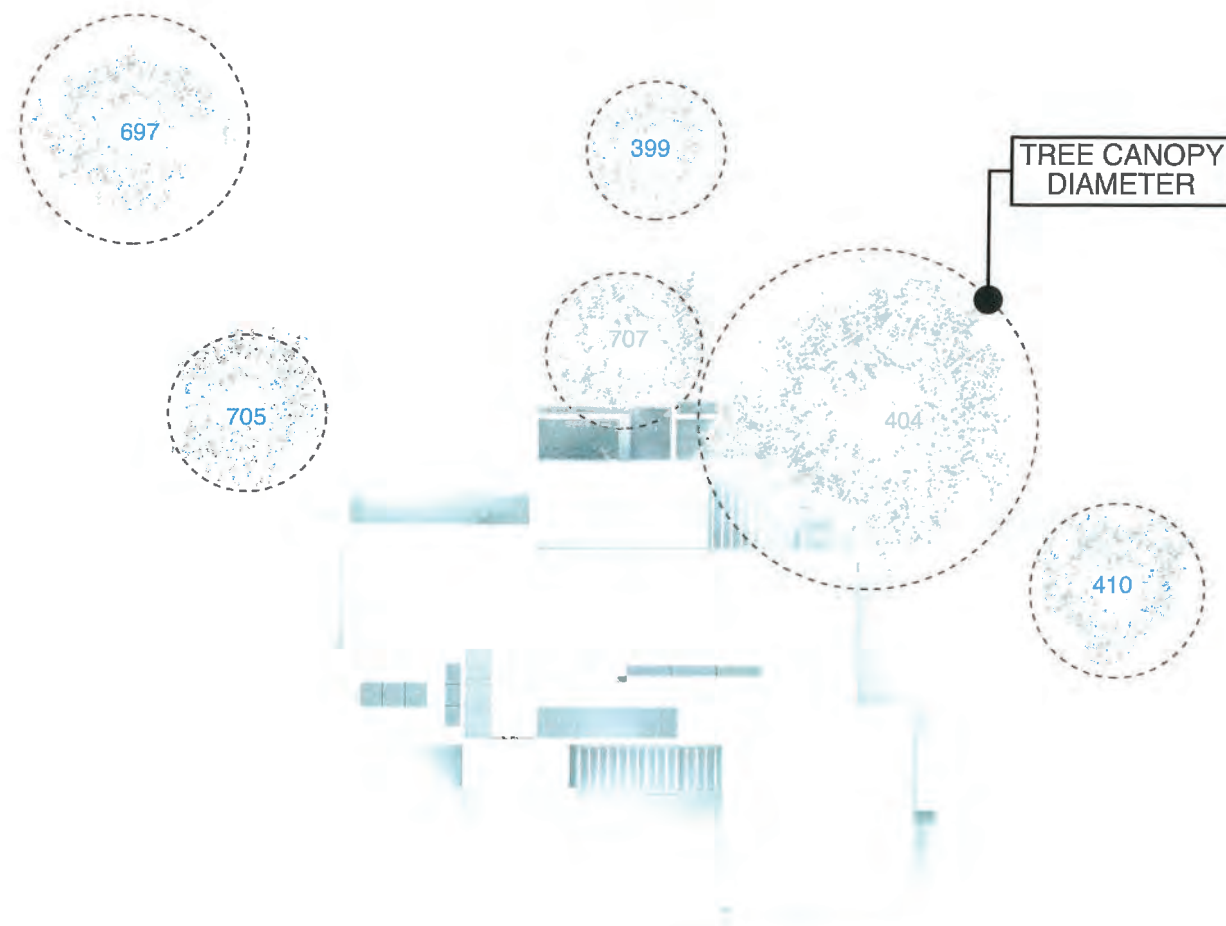
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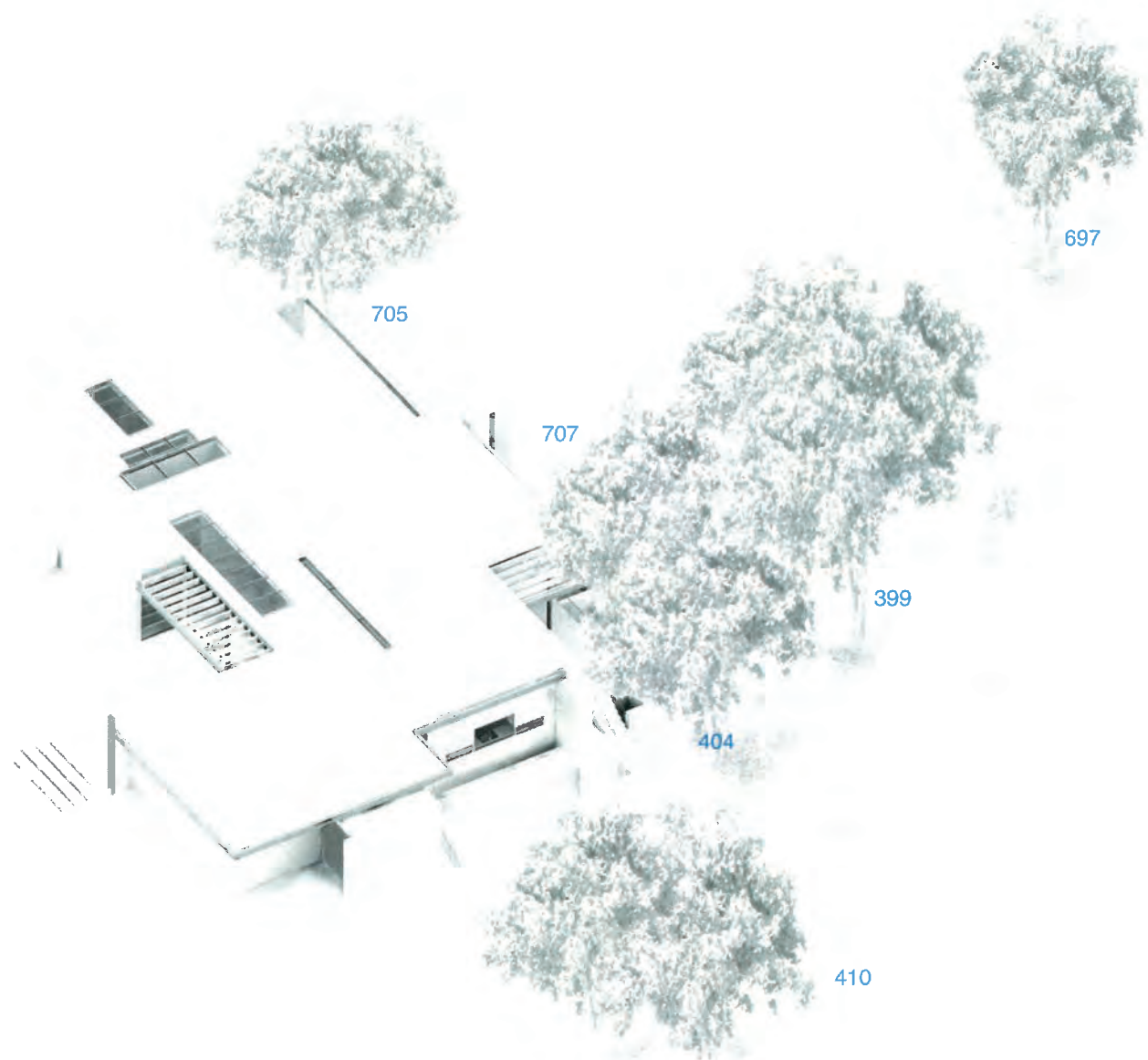
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VISIBILITY STUDY

**SKA.454**





MARK HORTON  
ARCHITECTURE  
135 SOUTH PARK  
SAN FRANCISCO  
CALIFORNIA  
9 4 1 0 7  
U . S . A  
T 415.543.3347  
F 415.543.1440  
www.mh-a.com

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ARQUITECTOS

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JOB NUMBER  
18114  
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VISIBILITY STUDY

**SKA.455**



MARK HORTON  
ARCHITECTURE  
135 SOUTH PARK  
SAN FRANCISCO  
CALIFORNIA  
9 4 1 0 7  
U . S . A  
T 415.543.3347  
F 415.543.1440  
www.mh-a.com

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VISIBILITY STUDY

**SKA.456**





**LOT 9**  
 UNBUILT PARCEL  
 FUTURE PRIVATE SINGLE  
 FAMILY RESIDENCE

**LOT 11**  
 (E) PRIVATE SINGLE  
 FAMILY RESIDENCE

- KEY NOTES**
- 10'-0" PRIVATE SANITARY SEWER EASEMENT FOR LOT 9 TO EXISTING 24" SANITARY SEWER SERVICE.
  - EXISTING 5'-0" PUBLIC UTILITY EASEMENT (PUE)
  - LOCATION OF PUBLIC STORM DRAIN HAS NOT BEEN CONFIRMED. THE STORM DRAIN PIPE IS MOST LIKELY NOT WITHIN THE 10'-0" EASEMENT.

**TREES SHOWN IN VISUAL STUDY**

TREES 399, 404, 410, 697, 705, 707 ARE LABELED BY THE ARBORIST AND ARE SHOWN COVERING THE HOUSE

TREES W-14", X-32", Y-18", Z-18" ARE TREES NOT SHOWN ON THE ARBORIST'S REPORT AND NOT ORIGINALLY LABELED BUT ARE SHOWN COVERING THE HOUSE

\*NOTE: THE SIZE OF THE TREE (TRUNK DIAMETER, HEIGHT AND CANOPY DIAMETER) IS APPROXIMATE BASED ON SIMILAR CANOPY SIZE TREES THAT ARE LABELED BY THE ARBORIST ON THE SITE PLAN AND AN IMAGE FROM GOOGLE EARTH.

**MHA**  
 MARK HORTON  
 ARCHITECTURE  
 135 SOUTH PARK  
 SAN FRANCISCO  
 CALIFORNIA  
 9 4 1 0 7  
 U . S . A  
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 F 415.543.1440  
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**SITE PLAN LEGEND**

	SAVE TREE		DEBATABLE
	TREE NOT IN ARBORIST REPORT		REMOVE TREE

DIAMETER OF TREE TRUNKS ARE LABELED AND SHOWN ON PLAN

**SITE PLAN  
 VISIBILITY ANALYSIS**

**SKA.473**



## **2. Consultation with Neighbors.**

Before siting and designing the house and landscaping, the property owner, architect or builder should meet with neighbors to discuss any special concerns they might have. Resolution of issues early in the design process can save time and cost as well as reducing the processing time for applications. If a conflict occurs between a property owner's desire to develop their property and legitimate issues raised by a neighbor, a design solution will be sought that attempts to balance all issues or concerns that are raised by both parties.

## **3. Pre-application meeting/staff consultation/site visit.**

Before designing a project, the property owner/architect/builder is strongly encouraged to meet with Town staff to consider a building location that best preserves the natural terrain and landscape of the lot and positively addresses the objectives of the Hillside Development Standards and Guidelines. On heavily wooded lots, or on lots where trees may be impacted by proposed development, an arborist's report shall be prepared which evaluates potential tree impacts. The report shall be prepared at the applicant's expense.

## **B. Visibility Analysis.**

### **1. Viewing areas.**

Each development project with the potential for being visible (see glossary for definition) from any established viewing area shall be subject to a visibility analysis. ("Potential" is defined as capable of being seen from a viewing area if trees or large shrubs are removed, significantly pruned, or impacted by construction.) The visibility analysis shall be conducted in compliance with established Town procedures using story poles that identify the building envelope. After installing the story poles, the applicant shall take photographs of the project from appropriate established viewing areas that clearly show the story poles and/or house and subject property. Visual aids such as photo simulations or three dimensional illustrations and/or a scale model may be required when it is deemed necessary to fully understand the impacts of a proposed project.

The following steps shall be taken in completing a visibility analysis:

- a. Install story poles per adopted policy.
- b. After the installation of story poles, photographs of the project shall be taken from the applicable viewing areas using 50 MM and 300 MM lenses. Other location(s) as deemed appropriate by the Community Development Director may be chosen in addition to the existing viewing areas.



- c. A photograph with a 50 MM lens will represent the visibility of the proposed residence from the naked eye.
- d. A photograph with a 300 MM lens will represent an up-close perspective and help identify any visible story poles, netting, trees, and/or shrubbery.
- e. Existing vegetation and/or landscaping proposed to be removed entirely or partially shall not be included in the visibility analysis.
- f. If determined necessary by the Community Development Director, three dimensional illustrations or photo simulations of the structure may be required.
- g. A visible home is defined as a single-family residence where 24.5% or more of an elevation can be seen from any of the Town's established viewing areas, and/or determined by the Community Development Director. Percentages shall be rounded to the nearest whole number.
- h. A Deed Restriction shall be required that identifies the on-site trees that were used to provide screening in the visibility analysis and requires replacement screening pursuant to the Hillside Development Standards and Guidelines and/or the Tree Protection Ordinance, if these trees die or are removed.
- i. Trees with a poor health rating (less than 50 percent overall condition rating) shall not be included in the visibility analysis.
- j. The Community Development Director shall determine if the use of a third party consultant is required to peer review an applicant's visibility analysis.
- k. A five-year Maintenance Agreement shall be required for on-site trees that were used to provide screening in the visibility analysis and requires their preservation.

The locations of the viewing areas are shown on the map on the next page, and are as follows:

1. Blossom Hill Road/Los Gatos Boulevard
2. Los Gatos - Almaden Road/Selinda Way (across from Leigh High School)
3. Hwy 17 overcrossing/Los Gatos - Saratoga Road (Highway 9)
4. Main Street/Bayview Avenue
5. Other location(s) as deemed appropriate by the Community Development Director

Viewing area locations are intended to provide a general vicinity for the visibility analysis and photo locations. Where there are obstructions (buildings, signs, or foreground vegetation) that block a clear and unobstructed view of the site, the origination point shall be adjusted in consultation with staff to the nearest point that provides a clear and unobstructed view by moving away from the viewing area location along a public road up to 500 feet in any direction.

# Town of Los Gatos Hillside Area and Viewing Platform Map

Northwest Corner of the Intersection of Selindia Way and Los Gatos-Almaden Road

Southwest Corner of the Intersection of Blossom Hill Road and Los Gatos Boulevard

West of the Intersection of the Southbound Highway 17 On-Ramp and Los Gatos-Saratoga Road (Highway 9)

Northwest Corner of the Intersection of W. Main Street and Bayview Avenue

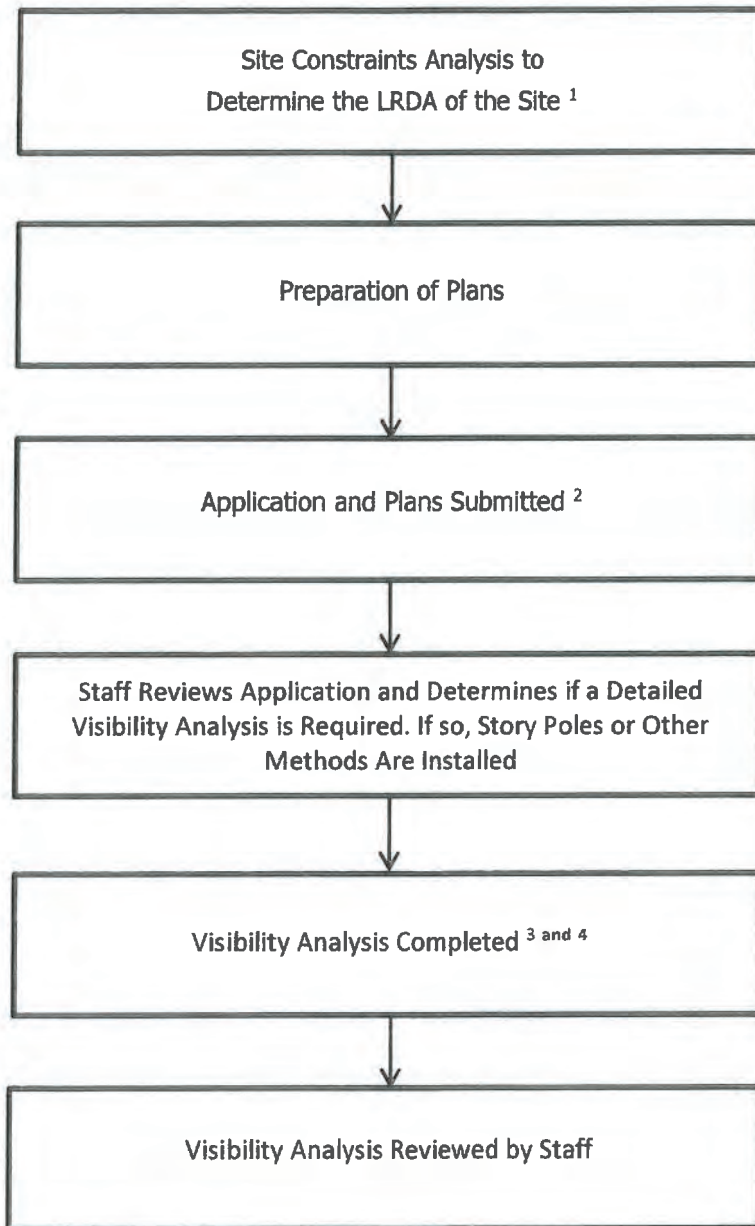
**LEGEND**

- VIEWING PLATFORM LOCATIONS
- HILLSIDE AREA





## 2. Visibility Analysis Processing Flow Chart



<sup>1</sup> Page 12 and page 56 of the HDS&G <http://www.losgatосca.gov/DocumentCenter/View/168> and <http://www.losgatосca.gov/DocumentCenter/View/175>

<sup>2</sup> Page 63 of the HDS&G <http://www.losgatосca.gov/DocumentCenter/View/175>

<sup>3</sup> Page 13 of the HDS&G <http://www.losgatосca.gov/DocumentCenter/View/168>

<sup>4</sup> Division 2 – Tree Protection Ordinance [https://library.municode.com/ca/los\\_gatos/codes/code\\_of\\_ordinances?nodeId=CO\\_CH29ZORE\\_ARTIINGE\\_DIV2TRPR](https://library.municode.com/ca/los_gatos/codes/code_of_ordinances?nodeId=CO_CH29ZORE_ARTIINGE_DIV2TRPR)





## 2. Determination of significant ridgelines.

Significant ridgelines include:

- a. Aztec Ridge;
- b. The ridge between Blossom Hill Road and Shannon Road;
- c. Other ridgelines as determined by the approving body

## C. Selecting the building site.

### Standards:

1. **Locate buildings within the Least Restrictive Development Area.**
2. **Preserve views of highly visible hillsides.** Views of the hillsides shall be protected from adverse visual impacts by locating buildings on the least visible areas of the LRDA.
3. **Reduce visual impact.** The visual impact of buildings or portions of buildings that can be seen from the viewing areas shall be mitigated to the greatest extent reasonable by reducing the height of the building or moving the structure to another location on the site. Providing landscape screening is not an alternative to reducing building height or selecting a less visible site.
4. **Ridgeline view protection.** Whenever possible within the significant ridgeline areas, no primary or accessory building shall be constructed so as to project above the physical ridgeline (not including vegetative material) as seen from any viewing areas.

Refer to the  
Blossom Hill  
Comprehensive  
Open Space  
Study

If a building cannot be sited below a significant ridgeline because the area away from it is not the LRDA or is otherwise not suitable for development, the following shall apply:

- a. The building shall not exceed 18 feet in height.
- b. Landscaping shall be provided to screen the building from view to the greatest extent possible.



**TOWN COUNCIL –March 3, 2020**

**REQUIRED FINDINGS & CONSIDERATIONS FOR:**

**15365 Santella Court  
Architecture and Site Application S-18-052**

**Requesting approval for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 1/2:PD. APN 527-09-036.**

**PROPERTY OWNER: Christian and Hellen Olgaard**

**APPLICANT: Hari Sripadanna**

**FINDINGS**

**Required findings for CEQA:**

- An Environmental Impact Report (EIR) was prepared for the Planned Development and was certified by the Town Council on December 19, 2005. Required technical reviews (arborist, architect and geotechnical) have been completed for the project and no further environmental analysis is required for this application.

**Compliance with Hillside Development Standards and Guidelines (HDS&G):**

- The project is in compliance with the HDS&G.

**Compliance with Hillside Specific Plan**

- The project is in compliance with the Hillside Specific Plan in that it is a single-family residence being developed on an existing parcel. The proposed development is consistent with the development criteria included in the Specific Plan.

**Compliance with the approved Planned Development**

- The project is in compliance with the approved Planned Development (Ordinance 2237).

**CONSIDERATIONS:**

**Considerations in review of Architecture & Site applications:**

- As required by Section 29.20.150 of the Town Code, the considerations in review of an Architecture and Site application were all made in reviewing this project.

**ATTACHMENT 9 – EXHIBIT A**

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**TOWN COUNCIL – March 3, 2020**  
**CONDITIONS OF APPROVAL**

**15365 Santella Court**  
**Architecture and Site Application S-18-052**

**Requesting approval for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 1/2:PD.**

**APN 527-09-036.**

**PROPERTY OWNER: Christian and Hellen Olgaard**

**APPLICANT: Hari Sripadanna**

TO THE SATISFACTION OF THE DIRECTOR OF COMMUNITY DEVELOPMENT:

*Planning Division*

1. APPROVAL: This application shall be completed in accordance with all of the conditions of approval listed below and in substantial compliance with the plans approved and noted as received by the Town on November 15, 2019. Any changes or modifications to the approved plans shall be approved by the Community Development Director, the Development Review Committee, the Planning Commission, or Town Council, depending on the scope of the changes.
2. EXPIRATION: The approval will expire two years from the approval date pursuant to Section 29.20.320 of the Town Code, unless the approval has been vested.
3. OUTDOOR LIGHTING: Exterior lighting shall be kept to a minimum, and shall be down directed fixtures that will not reflect or encroach onto adjacent properties. No flood lights shall be used unless it can be demonstrated that they are needed for safety or security. The lighting plan shall be reviewed during building plan check.
4. EXTERIOR COLOR: The exterior colors of the house shall not exceed an average light reflectivity value of 30 and shall blend with the natural vegetation in conformance with the approved PD Ordinance 2237.
5. LRV DEED RESTRICTION: Prior to the issuance of a building permit, a deed restriction shall be recorded by the applicant with the Santa Clara County Recorder's Office that requires all exterior colors to be maintained in conformance with the approved PD Ordinance.
6. GENERAL: All existing trees shown on the plan and trees required to remain or to be planted are specific subjects of approval of this plan, and must remain on the site.
7. MAINTENANCE AGREEMENT: Following the issuance of a certificate of occupancy, the property owner shall execute a five-year maintenance agreement with the Town that the property owner agrees to protect and maintain the trees shown to remain on the approved plans, trees planted as part of the tree replacement requirements, and guarantees that said trees will always be in a healthy condition during the term of the maintenance agreement.

8. TREE DEED RESTRICTION: Prior to issuance of a building permit, a deed restriction shall be recorded by the applicant with the Santa Clara County Recorder's Office that identifies the on-site trees that were used to provide screening in the visibility analysis and requires their replacement if they die or are removed.
9. TREE REMOVAL PERMIT: A Tree Removal Permit shall be obtained for any trees to be removed, prior to the issuance of a building or grading permit.
10. ARBORIST REQUIREMENTS: The developer shall implement, at their cost, all recommendations made by Richard Gessner, identified in the Arborist report, dated as received November 29, 2018, and the supplemental Arborist report, dated as received August 20, 2019, respectively, on file in the Community Development Department. A Compliance Memorandum shall be prepared by the applicant and submitted with the building permit application detailing how the recommendations have or will be addressed. These recommendations must be incorporated in the building permit plans, and completed prior to issuance of a building permit where applicable.
11. TREE FENCING: Protective tree fencing shall be placed at the drip line of existing trees and shall remain through all phases of construction. Fencing shall be six-foot-high cyclone attached to two-inch diameter steel posts drive 18 inches into the ground and spaced no further than 10 feet apart. Include a tree protection fencing plan with the construction plans.
12. REPLACEMENT TREES: New trees shall be planted to mitigate the loss of trees being removed. The number of trees and size of replacement trees shall be determined using the canopy replacement table in the Town Code. Town Code requires a minimum 24-inch box size replacement tree. New trees shall be double staked with rubber ties and shall be planted prior to final inspection and issuance of occupancy permits.
13. LANDSCAPE PLAN: The final landscape plan shall comply with the Hillside Development Standards and Guidelines criteria for planting (ornamental planting shall be confined to areas within 30 feet of the house, inclusive of decks, patios and driveway).
14. WATER EFFICIENCY LANDSCAPE ORDINANCE: The final landscape plan, including landscape and irrigation plans and calculations, shall meet the Town of Los Gatos Water Conservation Ordinance or the State Water Efficient Landscape Ordinance, whichever is more restrictive. The final landscape plan shall be reviewed by the Town's consultant prior to issuance of building permits. A review fee based on the current fee schedule adopted by the Town Council is required when working landscape and irrigation plans are submitted for review.
15. BMP IN-LIEU FEE: A Below Market Price (BMP) in-lieu fee (6% of the building valuation as determined by the Building Official) shall be paid by the developer prior to issuance of an occupancy permit for the new residence.
16. FRONT YARD LANDSCAPE: Prior to issuance of a Certificate of Occupancy the front yard must be landscaped.
17. STORY POLES: The story poles on the project site shall be removed within 30 days of approval of the Architecture & Site application.
18. TOWN INDEMNITY: Applicants are notified that Town Code Section 1.10.115 requires that any applicant who receives a permit or entitlement from the Town shall defend, indemnify, and hold harmless the Town and its officials in any action brought by a third party to overturn, set aside, or void the permit or entitlement. This requirement is a

condition of approval of all such permits and entitlements whether or not expressly set forth in the approval, and may be secured to the satisfaction of the Town Attorney.

19. COMPLIANCE MEMORANDUM: A memorandum shall be prepared and submitted with the building plans detailing how the Conditions of Approval will be addressed.

#### *Building Division*

20. PERMITS REQUIRED: A Building Permit is required for the construction of the new single-family residence and attached garage. Additional Building permits will be required for all detached structures such as swimming pools and retaining walls supporting a surcharge.
21. APPLICABLE CODES: The current codes, as amended and adopted by the Town of Los Gatos as of January 1, 2017, are the 2016 California Building Standards Code, California Code of Regulations Title 24, Parts 1-12. These codes are applicable on Building Applications up to December 20, 2019. Effective January 1, 2020 the 2019 California Building Standard Code, California Code of Regulations Title 24, Parts 1-12, as amended by the Town of Los Gatos, will be applicable.
22. CONDITIONS OF APPROVAL: The Conditions of Approval must be blue-lined in full on the cover sheet of the construction plans. A Compliance Memorandum shall be prepared and submitted with the building permit application detailing how the Conditions of Approval will be addressed.
23. BUILDING & SUITE NUMBERS: Submit requests for new building addresses to the Building Division prior to submitting for the building permit application process.
24. SIZE OF PLANS: Submit four sets of construction plans, minimum size 24" x 36", maximum size 30" x 42".
25. SOILS REPORT: A Soils Report, prepared to the satisfaction of the Building Official, containing foundation and retaining wall design recommendations, shall be submitted with the Building Permit Application. This report shall be prepared by a licensed Civil Engineer specializing in soils mechanics.
26. SHORING: Shoring plans and calculations will be required for all excavations which exceed five (5) feet in depth or which remove lateral support from any existing building, adjacent property, or the public right-of-way. Shoring plans and calculations shall be prepared by a California licensed engineer and shall confirm to the Cal/OSHA regulations.
27. FOUNDATION INSPECTIONS: A pad certificate prepared by a licensed civil engineer or land surveyor shall be submitted to the project Building Inspector at foundation inspection. This certificate shall certify compliance with the recommendations as specified in the Soils Report, and that the building pad elevations and on-site retaining wall locations and elevations have been prepared according to the approved plans. Horizontal and vertical controls shall be set and certified by a licensed surveyor or registered Civil Engineer for the following items:
  - a. Building pad elevation
  - b. Finish floor elevation
  - c. Foundation corner locations
  - d. Retaining wall(s) locations and elevations

28. TITLE 24 ENERGY COMPLIANCE: All required California Title 24 Energy Compliance Forms must be blue-lined (sticky-backed), i.e. directly printed, onto a plan sheet.
29. TOWN RESIDENTIAL ACCESSIBILITY STANDARDS: New residential units shall be designed with adaptability features for single-family residences per Town Resolution 1994-61:
  - a. Wood backing (2" x 8" minimum) shall be provided in all bathroom walls, at water closets, showers, and bathtubs, located 34 inches from the floor to the center of the backing, suitable for the installation of grab bars if needed in the future.
  - b. All passage doors shall be at least 32-inch doors on the accessible floor level.
  - c. The primary entrance door shall be a 36-inch-wide door including a 5'x 5' level landing, no more than 1 inch out of plane with the immediate interior floor level and with an 18 inch clearance at interior strike edge.
  - d. A door buzzer, bell or chime shall be hard wired at primary entrance.
30. BACKWATER VALVE: The scope of this project may require the installation of a sanitary sewer backwater valve per Town Ordinance 6.50.025. Please provide information on the plans if a backwater valve is required and the location of the installation. The Town of Los Gatos Ordinance and West Valley Sanitation District (WVSD) requires backwater valves on drainage piping serving fixtures that have flood level rims less than 12 inches above the elevation of the next upstream manhole.
31. TOWN FIREPLACE STANDARDS: New wood burning fireplaces shall be an EPA Phase II approved appliance or gas appliance per Town Ordinance 1905. Tree limbs shall be cut within 10 feet of chimneys.
32. HAZARDOUS FIRE ZONE: All projects in the Town of Los Gatos require Class A roof assemblies.
33. WILDLAND-URBAN INTERFACE: This project is located in a Wildland-Urban Interface High Fire Area and must comply with Section R337 of the 2016 California Residential Code, Public Resources Code 4291 and California Government Code Section 51182.
34. PROVIDE DEFENSIBLE SPACE/FIRE BREAK LANDSCAPING PLAN: Prepared by a California licensed Landscape Architect in conformance with California Public Resources Code 4291 and California Government Code Section 51182.
35. PRIOR TO FINAL INSPECTION: Provide a letter from a California licensed Landscape Architect certifying the landscaping and vegetation clearance requirements have been completed per the California Public Resources Code 4291 and Government Code Section 51182.
36. SPECIAL INSPECTIONS: When a special inspection is required by CBC Section 1704, the Architect or Engineer of Record shall prepare an inspection program that shall be submitted to the Building Official for approval prior to issuance of the Building Permit. The Town Special Inspection form must be completely filled-out and signed by all requested parties prior to permit issuance. Special Inspection forms are available from the Building Division Service Counter or online at [www.losgatosca.gov/building](http://www.losgatosca.gov/building).
37. BLUE PRINT FOR A CLEAN BAY SHEET: The Town standard Santa Clara Valley Nonpoint Source Pollution Control Program Sheet (page size same as submitted drawings) shall be part of the plan submittal as the second page. The specification sheet is available at the Building Division Service Counter for a fee of \$2 or at ARC Blue Print for a fee or online at [www.losgatosca.gov/building](http://www.losgatosca.gov/building).



38. APPROVALS REQUIRED: The project requires the following departments and agencies approval before issuing a building permit:
- a. Community Development – Planning Division: (408) 354-6874
  - b. Engineering/Parks & Public Works Department: (408) 399-5771
  - c. Santa Clara County Fire Department: (408) 378-4010
  - d. West Valley Sanitation District: (408) 378-2407
  - e. Local School District: The Town will forward the paperwork to the appropriate school district(s) for processing. A copy of the paid receipt is required prior to permit issuance.

TO THE SATISFACTION OF THE DIRECTOR OF PARKS AND PUBLIC WORKS:

*Engineering Division*

39. GENERAL: All public improvements shall be made according to the latest adopted Town Standard Plans, Standard Specifications and Engineering Design Standards. All work shall conform to the applicable Town ordinances. The adjacent public right-of-way shall be kept clear of all job-related mud, silt, concrete, dirt and other construction debris at the end of the day. Dirt and debris shall not be washed into storm drainage facilities. The storing of goods and materials on the sidewalk and/or the street will not be allowed unless an encroachment permit is issued by the Engineering Division of the Parks and Public Works Department. The Owner and/or Applicant's representative in charge shall be at the job site during all working hours. Failure to maintain the public right-of-way according to this condition may result in the issuance of correction notices, citations, or stop work orders and the Town performing the required maintenance at the Owner and/or Applicant's expense.
40. APPROVAL: This application shall be completed in accordance with all the conditions of approval listed below and in substantial compliance with the latest reviewed and approved development plans. Any changes or modifications to the approved plans or conditions of approvals shall be approved by the Town Engineer.
41. PRIOR APPROVALS: All conditions per prior approvals (including Ordinance 2147, etc.) shall be deemed in full force and affect for this approval.
42. CHANGE OF OCCUPANCY: Prior to initial occupancy and any subsequent change in use or occupancy of any non-residential condominium space, the buyer or the new or existing occupant shall apply to the Community Development Department and obtain approval for use determination and building permit and obtain inspection approval for any necessary work to establish the use and/or occupancy consistent with that intended.
43. ENCROACHMENT PERMIT: All work in the public right-of-way will require a Construction Encroachment Permit. All work over \$5,000 will require construction security. It is the responsibility of the Owner/Applicant to obtain any necessary encroachment permits from affected agencies and private parties, including but not limited to, Pacific Gas and Electric (PG&E), AT&T, Comcast, Santa Clara Valley Water District, California Department of Transportation (Caltrans). Copies of any approvals or permits must be submitted to the Town Engineering Division of the Parks and Public Works Department prior to releasing any permit.

44. GENERAL LIABILITY INSURANCE: The property owner shall provide proof of insurance to the Town on a yearly basis. In addition to general coverage, the policy must cover all elements encroaching into the Town's right-of-way.
45. PUBLIC WORKS INSPECTIONS: The Owner and/or Applicant or their representative shall notify the Engineering Inspector at least twenty-four (24) hours before starting any work pertaining to on-site drainage facilities, grading or paving, and all work in the Town's right-of-way. Failure to do so will result in penalties and rejection of any work that occurred without inspection.
46. RESTORATION OF PUBLIC IMPROVEMENTS: The Owner and/or Applicant or their representative shall repair or replace all existing improvements not designated for removal that are damaged or removed because of the Owner and/or Applicant or their representative's operations. Improvements such as, but not limited to: curbs, gutters, sidewalks, driveways, signs, pavements, raised pavement markers, thermoplastic pavement markings, etc., shall be repaired and replaced to a condition equal to or better than the original condition. Any new concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore. Existing improvement to be repaired or replaced shall be at the direction of the Engineering Construction Inspector and shall comply with all Title 24 Disabled Access provisions. The restoration of all improvements identified by the Engineering Construction Inspector shall be completed before the issuance of a certificate of occupancy. The Owner and/or Applicant or their representative shall request a walk-through with the Engineering Construction Inspector before the start of construction to verify existing conditions.
47. SITE SUPERVISION: The General Contractor shall provide qualified supervision on the job site at all times during construction.
48. STREET CLOSURE: Any proposed blockage or partial closure of the street requires an encroachment permit. Special provisions such as limitations on works hours, protective enclosures, or other means to facilitate public access in a safe manner may be required.
49. PLAN CHECK FEES: Plan check fees associated with the Grading Permit shall be deposited with the Engineering Division of the Parks and Public Works Department prior to the commencement of plan check review.
50. INSPECTION FEES: Inspection fees shall be deposited with the Town prior to the issuance of any grading or building permits.
51. DESIGN CHANGES: Any proposed changes to the approved plans shall be subject to the approval of the Town prior to the commencement of any and all altered work. The Owner and/or Applicant's project engineer shall notify, in writing, the Town Engineer at least seventy-two (72) hours in advance of all the proposed changes. Any approved changes shall be incorporated into the final "as-built" plans.
52. PLANS AND STUDIES: All required plans and studies shall be prepared by a Registered Professional Engineer in the State of California and submitted to the Town Engineer for review and approval. Additionally, any studies imposed by the Planning Commission or Town Council shall be funded by the Owner and/or Applicant.
53. GRADING PERMIT: A grading permit is required for all site grading and drainage work except for exemptions listed in Section 12.20.015 of The Code of the Town of Los Gatos

(Grading Ordinance). After the preceding Architecture and Site Application has been approved by the respective deciding body, the grading permit application (with grading plans and associated required materials and plan check fees) shall be made to the Engineering Division of the Parks and Public Works Department located at 41 Miles Avenue. The grading plans shall include final grading, drainage, retaining wall location(s), driveway, utilities and interim erosion control. Grading plans shall list earthwork quantities and a table of existing and proposed impervious areas. Unless specifically allowed by the Director of Parks and Public Works, the grading permit will be issued concurrently with the building permit. The grading permit is for work outside the building footprint(s). Prior to Engineering signing off and closing out on the issued grading permit, the Owner/Applicant's soils engineer shall verify, with a stamped and signed letter, that the grading activities were completed per plans and per the requirements as noted in the soils report. A separate building permit, issued by the Building Department, located at 110 E. Main Street, is needed for grading within the building footprint.

54. GRADING ACTIVITY RESTRICTIONS: Upon receipt of a grading permit, any and all grading activities and operations shall not commence until after/occur during the rainy season, as defined by Town Code of the Town of Los Gatos, Sec. 12.10.020, (October 15-April 15), has ended.
55. COMPLIANCE WITH HILLSIDE DEVELOPMENT STANDARDS AND GUIDELINES: All grading activities and operations shall be in compliance with Section III of the Town's Hillside Development Standards and Guidelines. All development shall be in compliance with Section II of the Town's Hillside Development Standards and Guidelines.
56. DRIVEWAY: The driveway conform to existing pavement on Santella Court shall be constructed in a manner such that the existing drainage patterns will not be obstructed.
57. CONSTRUCTION EASEMENT: Prior to the issuance of a grading or building permit, it shall be the sole responsibility of the Owner and/or Applicant to obtain any and all proposed or required easements and/or permissions necessary to perform the grading herein proposed. Proof of agreement/approval is required prior to the issuance of any Permit.
58. DRAINAGE IMPROVEMENT: Prior to the issuance of any grading/improvement permits, whichever comes first, the Owner and/or Applicant shall: a) design provisions for surface drainage; and b) design all necessary storm drain facilities extending to a satisfactory point of disposal for the proper control and disposal of storm runoff; and c) provide a recorded copy of any required easements to the Town.
59. TREE REMOVAL: Copies of all necessary tree removal permits shall be provided prior to the issuance of a grading permit/building permit.
60. SURVEYING CONTROLS: Horizontal and vertical controls shall be set and certified by a licensed surveyor or registered civil engineer qualified to practice land surveying, for the following items:
  - a. Retaining wall: top of wall elevations and locations.
  - b. Toe and top of cut and fill slopes.
61. PRECONSTRUCTION MEETING: Prior to issuance of any grading or building permits or the commencement of any site work, the general contractor shall:

- a. Along with the Owner and/or Applicant, attend a pre-construction meeting with the Town Engineer to discuss the project conditions of approval, working hours, site maintenance and other construction matters;
  - b. Acknowledge in writing that they have read and understand the project conditions of approval and will make certain that all project sub-contractors have read and understand them as well prior to commencing any work, and that a copy of the project conditions of approval will be posted on-site at all times during construction.
62. **RETAINING WALLS:** A building permit, issued by the Building Department, located at 110 E. Main Street, may be required for site retaining walls. Walls are not reviewed or approved by the Engineering Division of Parks and Public Works during the grading permit plan review process.
63. **SOILS REPORT:** One copy of the soils and geologic report shall be submitted with the application. The soils report shall include specific criteria and standards governing site grading, drainage, pavement design, retaining wall design, and erosion control. The reports shall be signed and "wet stamped" by the engineer or geologist, in conformance with Section 6735 of the California Business and Professions Code.
64. **GEOLOGY AND SOILS MITIGATION MEASURE:** A geotechnical investigation shall be conducted for the project to determine the surface and sub-surface conditions at the site and to determine the potential for surface fault rupture on the site. The geotechnical study shall provide recommendations for site grading as well as the design of foundations, retaining walls, concrete slab-on-grade construction, excavation, drainage, on-site utility trenching and pavement sections. All recommendations of the investigation shall be incorporated into project plans.
65. **SOILS REVIEW:** Prior to Town approval of a development application, the Owner and/or Applicant's engineers shall prepare and submit a design-level geotechnical and geological investigation for review by the Town's consultant, with costs borne by the Owner and/or Applicant, and subsequent approval by the Town. The Owner and/or Applicant's soils engineer shall review the final grading and drainage plans to ensure that designs for foundations, retaining walls, site grading, and site drainage are in accordance with their recommendations and the peer review comments. Approval of the Owner and/or Applicant's soils engineer shall then be conveyed to the Town either by submitting a Plan Review Letter prior to issuance of grading or building permit(s).
66. **SOILS ENGINEER CONSTRUCTION OBSERVATION:** During construction, all excavations and grading shall be inspected by the Owner and/or Applicant's soils engineer prior to placement of concrete and/or backfill so they can verify that the actual conditions are as anticipated in the design-level geotechnical report and recommend appropriate changes in the recommendations contained in the report, if necessary. The results of the construction observation and testing shall be documented in an "as-built" letter/report prepared by the Owner and/or Applicant's soils engineer and submitted to the Town before a certificate of occupancy is granted.
67. **SOIL RECOMMENDATIONS:** The project shall incorporate the geotechnical/geological recommendations contained in the project's design-level geotechnical/geological investigation as prepared by the Owner and/or Applicant's engineer(s), and any subsequently required report or addendum. Subsequent reports or addendum are

- subject to peer review by the Town's consultant and costs shall be borne by the Owner and/or Applicant.
68. DEDICATIONS: The following shall be dedicated by separate instrument. The dedication shall be recorded before any grading or building permits are issued:
    - a. A Private Ingress Egress Easement (PIEE), twenty (20) feet in width, for the benefit of the neighboring Lot 8 to the west (15371 Santella Court; APN 527-09-035).
    - b. Storm drainage and sanitary sewer easements, as required.
  69. PUBLIC IMPROVEMENTS: The following improvements shall be installed by the Owner and/or Applicant. Plans for those improvements shall be prepared by a California registered civil engineer, reviewed and approved by the Town, and guaranteed by contract, Faithful Performance Security and Labor & Materials Security before the issuance of any grading or building permits or the recordation of a map. The improvements must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued.
    - a. Santella Court: 2" overlay from the middle of the cul-de-sac to the northern lip of gutter, or alternative pavement restoration measure as approved by the Town Engineer.
  70. CERTIFICATE OF OCCUPANCY: The Engineering Division of the Parks and Public Works Department will not sign off on a Temporary Certificate of Occupancy or a Final Certificate of Occupancy until all required improvements within the Town's right-of-way have been completed and approved by the Town.
  71. FRONTAGE IMPROVEMENTS: The Owner and/or Applicant shall be required to improve the project's public frontage (right-of-way line to centerline and/or to limits per the direction of the Town Engineer) to current Town Standards. These improvements may include but not limited to curb, gutter, sidewalk, driveway approach(es), curb ramp(s), signs, pavement, raised pavement markers, thermoplastic pavement markings, storm drain facilities, traffic signal(s), street lighting (upgrade and/or repaint) etc. The improvements must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued.
  72. UTILITIES: The Owner and/or Applicant shall install all new, relocated, or temporarily removed utility services, including telephone, electric power and all other communications lines underground, as required by Town Code Section 27.50.015(b). All new utility services shall be placed underground. Underground conduit shall be provided for cable television service. The Owner and/or Applicant is required to obtain approval of all proposed utility alignments from any and all utility service providers before a Certificate of Occupancy for any new building can be issued. The Town of Los Gatos does not approve or imply approval for final alignment or design of these facilities.
  73. PRIVATE EASEMENTS: Agreements detailing rights, limitations and responsibilities of involved parties shall accompany any proposed private easement. Access driveway shall be within the recorded access easement. A new private access easement shall be recorded, and a copy of the recorded agreement shall be submitted to the Engineering Division of the Parks and Public Works Department, prior to issuance of a grading or building permit. A realigned access driveway shall be completed prior to the issuance of grading or building permit.

74. CURB AND GUTTER REPAIR: The Owner and/or Applicant shall repair and replace to existing Town standards any curb and gutter damaged now or during construction of this project. All new and existing adjacent infrastructure must meet Town standards. New curb and gutter shall be constructed per Town Standard Details. New concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore. The limits of curb and gutter repair will be determined by the Engineering Construction Inspector during the construction phase of the project. The improvements must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued.
75. DRIVEWAY APPROACH: The Owner and/or Applicant shall install one (1) Town standard residential driveway approach. The new driveway approach shall be constructed per Town Standard Plans and must be completed and accepted by the Town before a Certificate of Occupancy for any new building can be issued. New concrete shall be free of stamps, logos, names, graffiti, etc. Any concrete identified that is displaying a stamp or equal shall be removed and replaced at the Contractor's sole expense and no additional compensation shall be allowed therefore.
76. SIGHT TRIANGLE AND TRAFFIC VIEW AREA: Any proposed improvements, including but not limiting to trees and hedges, will need to abide by Town Code Sections 23.10.080, 26.10.065, and 29.40.030.
77. TRAFFIC IMPACT MITIGATION FEE: Prior to the issuance of any building or grading permits, the Owner/Applicant shall pay the project's proportional share of transportation improvements needed to serve cumulative development within the Town of Los Gatos. The fee amount will be based upon the Town Council resolution in effect at the time the building permit is issued. The fee shall be paid before issuance of any grading or building permit. The final traffic impact mitigation fee for this project shall be calculated from the final plans using the current fee schedule and rate schedule in effect at the time the building permit is issued, using a comparison between the existing and proposed uses.
78. PRECONSTRUCTION PAVEMENT SURVEY: Prior to issuance of any grading or building permit, the Owner and/or Applicant shall complete a pavement condition survey documenting the extent of existing pavement defects using a smartphone video (in Landscape orientation only) or digital video camera. The survey shall extend through the Highlands of Los Gatos, from entry to the end of the Santella Court cul-de-sac. The results shall be documented in a report and submitted to the Town for review.
79. POSTCONSTRUCTION PAVEMENT SURVEY: The Owner and/or Applicant shall complete a pavement condition survey to determine whether road damage occurred as a result of project construction. Rehabilitation improvements required to restore the pavement to pre-construction condition and strength shall be determined using State of California procedures for deflection analysis. The results shall be documented in a report and submitted to the Town for review and approval before a Certificate of Occupancy for any new building can be issued. The Owner and/or Applicant shall be responsible for completing any required road repairs prior to release of the faithful performance bond.
80. CONSTRUCTION VEHICLE PARKING: Construction vehicle parking within the public right-of-way will only be allowed if it does not cause access or safety problems as determined by the Town.

81. HAULING OF SOIL: Hauling of soil on- or off-site shall not occur during the morning or evening peak periods (between 7:00 a.m. and 9:00 a.m. and between 4:00 p.m. and 6:00 p.m.), and at other times as specified by the Director of Parks and Public Works. Prior to the issuance of a grading or building permit, the Owner and/or Applicant or their representative shall work with the Town Building Department and Engineering Division Inspectors to devise a traffic control plan to ensure safe and efficient traffic flow under periods when soil is hauled on or off the project site. This may include, but is not limited to provisions for the Owner and/or Applicant to place construction notification signs noting the dates and time of construction and hauling activities, or providing additional traffic control. Coordination with other significant projects in the area may also be required. Cover all trucks hauling soil, sand and other loose debris.
82. CONSTRUCTION HOURS: All construction activities, including the delivery of construction materials, labors, heavy equipment, supplies, etc., shall be limited to the hours of 8:00 a.m. to 8:00 p.m., weekdays and 9:00 a.m. to 7:00 p.m. weekends and holidays. The Town may authorize, on a case-by-case basis, alternate construction hours. The Owner and/or Applicant shall provide written notice twenty-four (24) hours in advance of modified construction hours. Approval of this request is at discretion of the Town.
83. CONSTRUCTION NOISE: Between the hours of 8:00 a.m. to 8:00 p.m., weekdays and 9:00 a.m. to 7:00 p.m. weekends and holidays, construction, alteration or repair activities shall be allowed. No individual piece of equipment shall produce a noise level exceeding eighty-five (85) dBA at twenty-five (25) feet from the source. If the device is located within a structure on the property, the measurement shall be made at distances as close to twenty-five (25) feet from the device as possible. The noise level at any point outside of the property plane shall not exceed eighty-five (85) dBA.
84. CONSTRUCTION MANAGEMENT PLAN SHEET: Prior to the issuance of any grading or building permits, the Owner and/or Applicant's design consultant shall submit a construction management plan sheet (full-size) within the plan set that shall incorporate at a minimum the Earth Movement Plan, Project Schedule, employee parking, construction staging area, materials storage area(s), concrete washout(s) and proposed outhouse location(s). Please refer to the Town's [Construction Management Plan Guidelines](#) document for additional information.
85. WVSD (West Valley Sanitation District): A Sanitary Sewer Clean-out is required for each property at the property line, within one (1) foot of the property line per West Valley Sanitation District Standard Drawing 3, or at a location specified by the Town.
86. SANITARY SEWER BACKWATER VALVE: Drainage piping serving fixtures which have flood level rims less than twelve (12) inches (304.8 mm) above the elevation of the next upstream manhole and/or flushing inlet cover at the public or private sewer system serving such drainage piping shall be protected from backflow of sewage by installing an approved type backwater valve. Fixtures above such elevation shall not discharge through the backwater valve, unless first approved by the Building Official. The Town shall not incur any liability or responsibility for damage resulting from a sewer overflow where the property owner or other person has failed to install a backwater valve as defined in the Uniform Plumbing Code adopted by the Town and maintain such device in a functional operation condition. Evidence of West Sanitation District's decision on

- whether a backwater device is needed shall be provided prior to the issuance of a building permit.
87. BEST MANAGEMENT PRACTICES (BMPs): The Owner and/or Applicant is responsible for ensuring that all contractors are aware of all storm water quality measures and that such measures are implemented. Best Management Practices (BMPs) shall be maintained and be placed for all areas that have been graded or disturbed and for all material, equipment and/or operations that need protection. Removal of BMPs (temporary removal during construction activities) shall be replaced at the end of each working day. Failure to comply with the construction BMP will result in the issuance of correction notices, citations, or stop work orders.
  88. STORMWATER DEVELOPMENT RUNOFF: All new development and redevelopment projects are subject to the stormwater development runoff requirements. The Owner and/or Applicant or their design consultant shall submit a stormwater control plan and implement conditions of approval that reduce stormwater pollutant discharges through the construction, operation and maintenance of treatment measures and other appropriate source control and site design measures. Increases in runoff volume and flows shall be managed in accordance with the development runoff requirements.
  89. REGULATED PROJECT: The project is classified as a Regulated Project per Provision C.3.b.ii. and is required to implement LID source control, site design, and stormwater treatment on-site in accordance with Provisions C.3.c. and C.3.d..
  90. SITE DESIGN MEASURES: All projects shall incorporate at least one of the following measures:
    - a. Protect sensitive areas and minimize changes to the natural topography.
    - b. Minimize impervious surface areas.
    - c. Direct roof downspouts to vegetated areas.
    - d. Use porous or pervious pavement surfaces on the driveway, at a minimum.
    - e. Use landscaping to treat stormwater.
  91. GREEN ROOF: A Green roof may be considered biotreatment systems that treat roof runoff only if they meet certain minimum specifications. The green roof system planting media shall be sufficiently deep to provide capacity within the pore space of the media for the required runoff volume specified by Provision C.3.d.i.(1), in addition to supporting the long-term health of the vegetation selected for the green roof, as specified by a landscape architect or other knowledgeable professional.
  92. UNLAWFUL DISCHARGES: It is unlawful to discharge any wastewater, or cause hazardous domestic waste materials to be deposited in such a manner or location as to constitute a threatened discharge, into storm drains, gutters, creeks or the San Francisco Bay. Unlawful discharges to storm drains include, but are not limited to: discharges from toilets, sinks, industrial processes, cooling systems, boilers, fabric cleaning, equipment cleaning or vehicle cleaning.
  93. EROSION CONTROL: Interim and final erosion control plans shall be prepared and submitted to the Engineering Division of the Parks and Public Works Department. A maximum of two (2) weeks is allowed between clearing of an area and stabilizing/building on an area if grading is allowed during the rainy season. Interim erosion control measures, to be carried out during construction and before installation of the final landscaping, shall be included. Interim erosion control method shall include, but are not



limited to: silt fences, fiber rolls (with locations and details), erosion control blankets, Town standard seeding specification, filter berms, check dams, retention basins, etc. Provide erosion control measures as needed to protect downstream water quality during winter months. The Town of Los Gatos Engineering Division of the Parks and Public Works Department and the Building Department will conduct periodic NPDES inspections of the site throughout the recognized storm season to verify compliance with the Construction General Permit and Stormwater ordinances and regulations.

94. DUST CONTROL: Blowing dust shall be reduced by timing construction activities so that paving and building construction begin as soon as possible after completion of grading, and by landscaping disturbed soils as soon as possible. Further, water trucks shall be present and in use at the construction site. All portions of the site subject to blowing dust shall be watered as often as deemed necessary by the Town, or a minimum of three (3) times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites in order to insure proper control of blowing dust for the duration of the project. Watering on public streets shall not occur. Streets shall be cleaned by street sweepers or by hand as often as deemed necessary by the Town Engineer, or at least once a day. Watering associated with on-site construction activity shall take place between the hours of 8 a.m. and 5 p.m. and shall include at least one (1) late-afternoon watering to minimize the effects of blowing dust. All public streets soiled or littered due to this construction activity shall be cleaned and swept on a daily basis during the workweek to the satisfaction of the Town. Demolition or earthwork activities shall be halted when wind speeds (instantaneous gusts) exceed twenty (20) miles per hour (MPH). All trucks hauling soil, sand, or other loose debris shall be covered.
95. AIR QUALITY: To limit the project's construction-related dust and criteria pollutant emissions, the following the Bay Area Air Quality Management District (BAAQMD)-recommended basic construction measures shall be included in the project's grading plan, building plans, and contract specifications:
- a. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day, or otherwise kept dust-free.
  - b. All haul trucks designated for removal of excavated soil and demolition debris from site shall be staged off-site until materials are ready for immediate loading and removal from site.
  - c. All haul trucks transporting soil, sand, debris, or other loose material off-site shall be covered.
  - d. As practicable, all haul trucks and other large construction equipment shall be staged in areas away from the adjacent residential homes.
  - e. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day, or as deemed appropriate by Town Engineer. The use of dry power sweeping is prohibited. An on-site track-out control device is also recommended to minimize mud and dirt-track-out onto adjacent public roads.
  - f. All vehicle speeds on unpaved surfaces shall be limited to fifteen (15) miles per hour.

- g. All driveways and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
  - h. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within forty-eight (48) hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.
  - i. All excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed twenty (20) miles per hour.
  - j. Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established.
96. **DETAILING OF STORMWATER MANAGEMENT FACILITIES:** Prior to the issuance of any grading or building permits, all pertinent details of any and all proposed stormwater management facilities, including, but not limited to, ditches, swales, pipes, bubble-ups, dry wells, outfalls, infiltration trenches, detention basins and energy dissipaters, shall be provided on submitted plans, reviewed by the Engineering Division of the Parks and Public Works Department, and approved for implementation.
97. **CONSTRUCTION ACTIVITIES:** All construction shall conform to the latest requirements of the CASQA Stormwater Best Management Practices Handbooks for Construction Activities and New Development and Redevelopment, the Town's grading and erosion control ordinance, and other generally accepted engineering practices for erosion control as required by the Town Engineer when undertaking construction activities.
98. **WATER FEATURES:** New swimming pools, hot tubs or spas shall have a connection to the sanitary sewer system, subject to West Valley Sanitation District's authority and standards, to facilitate draining events. Discharges from these features shall be directed to the sanitary sewer and are not allowed into the storm drain system.
99. **SITE DRAINAGE:** Rainwater leaders shall be discharged to splash blocks. No through curb drains will be allowed. On-site drainage systems for all projects shall include one of the alternatives included in section C.3.i of the Municipal Regional NPDES Permit. These include storm water reuse via cisterns or rain barrels, directing runoff from impervious surfaces to vegetated areas and use of permeable surfaces. No improvements shall obstruct or divert runoff to the detriment of an adjacent, downstream or down slope property.
100. **STORM WATER MANAGEMENT PLAN:** A storm water management shall be included with the grading permit application for all Group 1 and Group 2 projects as defined in the amended provisions C.3 of the Municipal Regional Stormwater NPDES Permit, Order R2-2015-0049, NPDES Permit No. CAS612008. The plan shall delineate source control measures and BMPs together with the sizing calculations. The plan shall be certified by a professional pre-qualified by the Town. In the event that the storm water measures proposed on the Planning approval differ significantly from those certified on the Building/Grading Permit, the Town may require a modification of the Planning approval prior to release of the Building Permit. The Owner and/or Applicant may elect to have the Planning submittal certified to avoid this possibility.

101. STORM WATER MANAGEMENT PLAN CERTIFICATION: Certification from the biotreatment soils provider is required and shall be given to Engineering Division Inspection staff a minimum of thirty (30) days prior to delivery of the material to the job site. Additionally deliver tags from the soil mix shall also be provided to Engineering Division Inspection staff. Sample Certification can be found here:  
[http://www.scvurppp-w2k.com/nd\\_wp.shtml?zoom\\_highlight=BIOTREATMENT+SOIL](http://www.scvurppp-w2k.com/nd_wp.shtml?zoom_highlight=BIOTREATMENT+SOIL).
102. SILT AND MUD IN PUBLIC RIGHT-OF-WAY: It is the responsibility of Contractor and homeowner to make sure that all dirt tracked into the public right-of-way is cleaned up on a daily basis. Mud, silt, concrete and other construction debris SHALL NOT be washed into the Town's storm drains.
103. GOOD HOUSEKEEPING: Good housekeeping practices shall be observed at all times during the course of construction. All construction shall be diligently supervised by a person or persons authorized to do so at all times during working hours. The Owner and/or Applicant's representative in charge shall be at the job site during all working hours. Failure to maintain the public right-of-way according to this condition may result in penalties and/or the Town performing the required maintenance at the Owner and/or Applicant's expense.
104. PERMIT ISSUANCE: Permits for each phase; reclamation, landscape, and grading, shall be issued simultaneously.
105. COVERED TRUCKS: All trucks transporting materials to and from the site shall be covered.

TO THE SATISFACTION OF THE SANTA CLARA COUNTY FIRE DEPARTMENT:

106. FIRE SPRINKLERS REQUIRED: An automatic residential fire-sprinkler system shall be installed in one-and two-family dwellings as follows: In all new one-and two-family dwellings and in existing one-and two-family dwellings when additions are made that increase the building area to more than 3,600 square feet. Exception: A one-time addition to an existing building that does not total more than 1,000 square feet of building area. Note: The owner(s), occupant(s), and any contractor(s) or subcontractor(s) are responsible for consulting with the water purveyor of record in order to determine if any modifications or upgrade of the existing water service is required. A State of California licensed (C-16) Fire Protection Contractor shall submit plans, calculations, a completed permit application, and appropriate fees to this department for review and approval prior to beginning their work. CFC Section 313.2 as adopted and amended by LGTC.
107. WATER SUPPLY REQUIREMENTS: Potable water supplies shall be protected from contamination caused by fire protection water supplies. It is the responsibility of the applicant and any contractors and subcontractors to contact the water purveyor supplying the site of such project, and to comply with the requirements of that purveyor. Such requirements shall be incorporated into the design of any water-based fire protection systems, and/or fire suppression water supply systems or storage containers that may be physically connected in any manner to an appliance capable of causing contamination of the potable water supply of the purveyor of record. Final approval of the system(s) under consideration will not be granted by this office until compliance with the requirements of the water purveyor of record are documented by that purveyor as

- having been met by the applicant(s). 2016 CFC Sec. 903.3.5 and Health and Safety Code 13114.7
108. CONSTRUCTION FIRE SAFETY: All construction sites must comply with applicable provisions of the CFC Chapter 33 and our Standard Detail and Specification SI-7. Provide appropriate notations on subsequent plan submittals, as appropriate to the project. CFC Chapter 33.
  109. FIRE DEPARTMENT (ENGINE) DRIVEWAY TURNAROUND REQUIREMENT: Provide an approved fire department engine driveway turnaround with a minimum radius of 36 feet outside and 23 feet inside. Maximum grade in any direction shall be a maximum of 5%. Installations shall conform with Fire Department Standard Details and Specifications D-1. CRF Sec. 503.
  110. FIRE APPARATUS (Engine) ACCESS DRIVEWAY REQUIRED: Provide an access driveway with a paved all-weather surface, a minimum unobstructed width of 12 feet, vertical clearance of 13 feet 6 inches, and a maximum slope of 15%. Installations shall conform to the Fire Department Standard Details Specifications D-1 and CFC Section 503. The proposed driveway slope of 17.2% exceeds the maximum of 15% and has received approval for a variance from the Fire Marshal's Office on 04/18/18.
  111. WILDLAND-URBAN INTERFACE: This project is located within the designated Wildland-Urban Interface Fire Area. The building construction shall comply with the provisions of Section R327 of the California Residential Code or the California Building Code (CBC) Chapter 7A., as applicable. Note that vegetation clearance shall be in compliance with CBC Section 701A.3.2.4 prior to project final approval. Check with the Planning Department for related landscape plan requirements.
  112. ADDRESS IDENTIFICATION: New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Where required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall be a minimum of 4 inches (101.6 mm) high with a minimum stroke width of 0.5 inch (12.7 mm). Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other signs or means shall be used to identify the structure. Address numbers shall be maintained. CFC Section 505.1

Draft Resolution to be modified by Town Council deliberations and direction.

**RESOLUTION 2020-**

**RESOLUTION OF THE TOWN COUNCIL  
OF THE TOWN OF LOS GATOS  
DENYING AN APPEAL OF THE DECISION OF THE PLANNING COMMISSION APPROVING  
A REQUEST FOR CONSTRUCTION OF A NEW SINGLE-FAMILY RESIDENCE  
AND REMOVAL OF LARGE PROTECTED TREES  
ON A VACANT PROPERTY ZONED HR-2 1/2:PD.**

**APN 527-09-036  
ARCHITECTURE AND SITE APPLICATION: S-18-052  
PROPERTY LOCATION: 15365 SANTELLA COURT  
APPELLANT: DAVID WEISSMAN  
APPLICANT: HARI SRIPADANNA  
PROPERTY OWNER: CHRISTIAN AND HELLEN OLGAARD**

**WHEREAS**, on January 8, 2020, the Planning Commission held a public hearing and considered a request for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 ½:PD. The Planning Commission approved the Architecture and Site application subject to conditions of approval; and

**WHEREAS**, on January 17, 2020, the appellant filed an appeal of the decision of the Planning Commission approving the request for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 ½:PD; and

**WHEREAS**, this matter came before the Town Council for public hearing on March 3, 2020, and was regularly noticed in conformance with State and Town law; and

**WHEREAS**, the Town Council received testimony and documentary evidence from the appellant and all interested persons who wished to testify or submit documents. Town Council considered all testimony and materials submitted, including the record of the Planning Commission proceedings and the packet of material contained in the Council Agenda Report for their meeting on March 3, 2020, along with any and all subsequent reports and materials prepared concerning this application.

**NOW, THEREFORE, BE IT RESOLVED:**

1. The appeal of the decision of the Planning Commission approving a request for construction of a new single-family residence and removal of large protected trees on vacant

property zoned HR-2 ½:PD is denied and the application is approved;

2. The Town Council hereby adopts all findings, considerations, and conditions of approval set forth in the documents attached as Exhibits A and B; and

3. The decision constitutes a final administrative decision pursuant to Code of Civil Procedure section 1094.6 as adopted by section 1.10.085 of the Town Code of the Town of Los Gatos. Any application for judicial relief from this decision must be sought within the time limits and pursuant to the procedures established by Code of Civil Procedure section 1094.6, or such shorter time as required by state and federal Law.

**PASSED AND ADOPTED** at a regular meeting of the Town Council of the Town of Los Gatos, California, held on the 3rd day of March, 2020, by the following vote:

COUNCIL MEMBERS:

AYES:

NAYS:

ABSENT:

ABSTAIN:

SIGNED:

MAYOR OF THE TOWN OF LOS GATOS  
LOS GATOS, CALIFORNIA

DATE: \_\_\_\_\_

ATTEST:

TOWN CLERK OF THE TOWN OF LOS GATOS  
LOS GATOS, CALIFORNIA

DATE: \_\_\_\_\_

**RESOLUTION 2020-\_\_**

Draft Resolution to be modified by Town Council deliberations and direction.

**RESOLUTION OF THE TOWN COUNCIL  
OF THE TOWN OF LOS GATOS  
GRANTING AN APPEAL OF THE DECISION OF THE PLANNING COMMISSION  
APPROVING A REQUEST FOR CONSTRUCTION OF  
A NEW SINGLE-FAMILY RESIDENCE AND REMOVAL OF LARGE PROTECTED TREES  
ON A VACANT PROPERTY ZONED HR-2 1/2:PD AND REMANDING THE MATTER TO  
THE PLANNING COMMISSION FOR FURTHER CONSIDERATION.**

**APN 527-09-036  
ARCHITECTURE AND SITE APPLICATION: S-18-052  
PROPERTY LOCATION: 15365 SANTELLA COURT  
APPELLANT: DAVID WEISSMAN  
APPLICANT: HARI SRIPADANNA  
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**WHEREAS**, on January 17, 2020, the appellant filed an appeal of the decision of the Planning Commission approving the request for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 ½:PD; and

**WHEREAS**, this matter came before the Town Council for public hearing on March 3, 2020, and was regularly noticed in conformance with State and Town law; and

**WHEREAS**, the Town Council received testimony and documentary evidence from the appellant and all interested persons who wished to testify or submit documents. Town Council considered all testimony and materials submitted, including the record of the Planning Commission proceedings and the packet of material contained in the Council Agenda Report for their meeting on March 3, 2020, along with any and all subsequent reports and materials prepared concerning this application.

**NOW, THEREFORE, BE IT RESOLVED:**

1. The appeal of the decision of the Planning Commission approving a request for construction of a new single-family residence and removal of large protected trees on vacant property zoned HR-2 ½:PD is granted and the application is remanded to the Planning Commission for further consideration; and
2. The decision does not constitute a final administrative decision and the applications will be returned to Planning Commission for further consideration.

**PASSED AND ADOPTED** at a regular meeting of the Town Council of the Town of Los Gatos, California, held on the 3<sup>rd</sup> day of March, 2020, by the following vote:

COUNCIL MEMBERS:

AYES:

NAYS:

ABSENT:

ABSTAIN:

SIGNED:

MAYOR OF THE TOWN OF LOS GATOS  
LOS GATOS, CALIFORNIA

DATE: \_\_\_\_\_

ATTEST:

TOWN CLERK OF THE TOWN OF LOS GATOS  
LOS GATOS, CALIFORNIA

DATE: \_\_\_\_\_



Draft Resolution to be modified by Town Council deliberations and direction.

**RESOLUTION 2020-\_\_**

**RESOLUTION OF THE TOWN COUNCIL  
OF THE TOWN OF LOS GATOS  
GRANTING AN APPEAL OF THE DECISION OF THE PLANNING COMMISSION  
APPROVING A REQUEST FOR CONSTRUCTION OF  
A NEW SINGLE-FAMILY RESIDENCE AND REMOVAL OF LARGE PROTECTED TREES  
ON A VACANT PROPERTY ZONED HR-2 1/2:PD.**

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**WHEREAS**, this matter came before the Town Council for public hearing on March 3, 2020, and was regularly noticed in conformance with State and Town law; and

**WHEREAS**, the Town Council received testimony and documentary evidence from the appellant and all interested persons who wished to testify or submit documents. Town Council considered all testimony and materials submitted, including the record of the Planning Commission proceedings and the packet of material contained in the Council Agenda Report for their meeting on March 3, 2020, along with any and all subsequent reports and materials prepared concerning this application.

**NOW, THEREFORE, BE IT RESOLVED:**

1. The appeal of the decision of the Planning Commission approving a request for construction of a new single-family residence and removal of large protected trees on vacant property zoned HR-2 ½:PD is granted and the application is denied; and

2. The decision constitutes a final administrative decision pursuant to Code of Civil Procedure section 1094.6 as adopted by section 1.10.085 of the Town Code of the Town of Los Gatos. Any application for judicial relief from this decision must be sought within the time limits and pursuant to the procedures established by Code of Civil Procedure section 1094.6, or such shorter time as required by state and federal Law.

**PASSED AND ADOPTED** at a regular meeting of the Town Council of the Town of Los Gatos, California, held on the 3rd day of March, 2020, by the following vote:

COUNCIL MEMBERS:

AYES:

NAYS:

ABSENT:

ABSTAIN:

SIGNED:

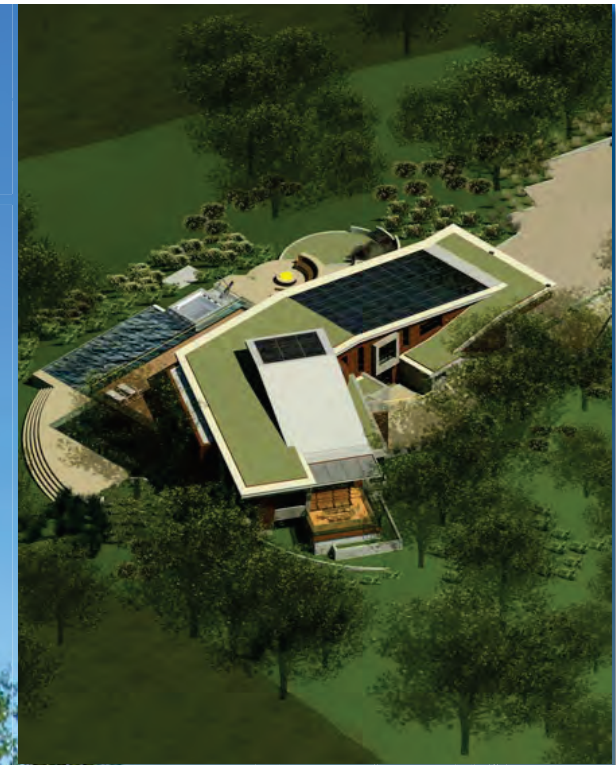
MAYOR OF THE TOWN OF LOS GATOS  
LOS GATOS, CALIFORNIA

DATE: \_\_\_\_\_

ATTEST:

TOWN CLERK OF THE TOWN OF LOS GATOS  
LOS GATOS, CALIFORNIA

DATE: \_\_\_\_\_



(408) 507 8138 www.srustiarchitects.com

# OLGAARD RESIDENCE

## Existing Site Conditions & Visibility / Tree Screening Analysis

Srusti Architects

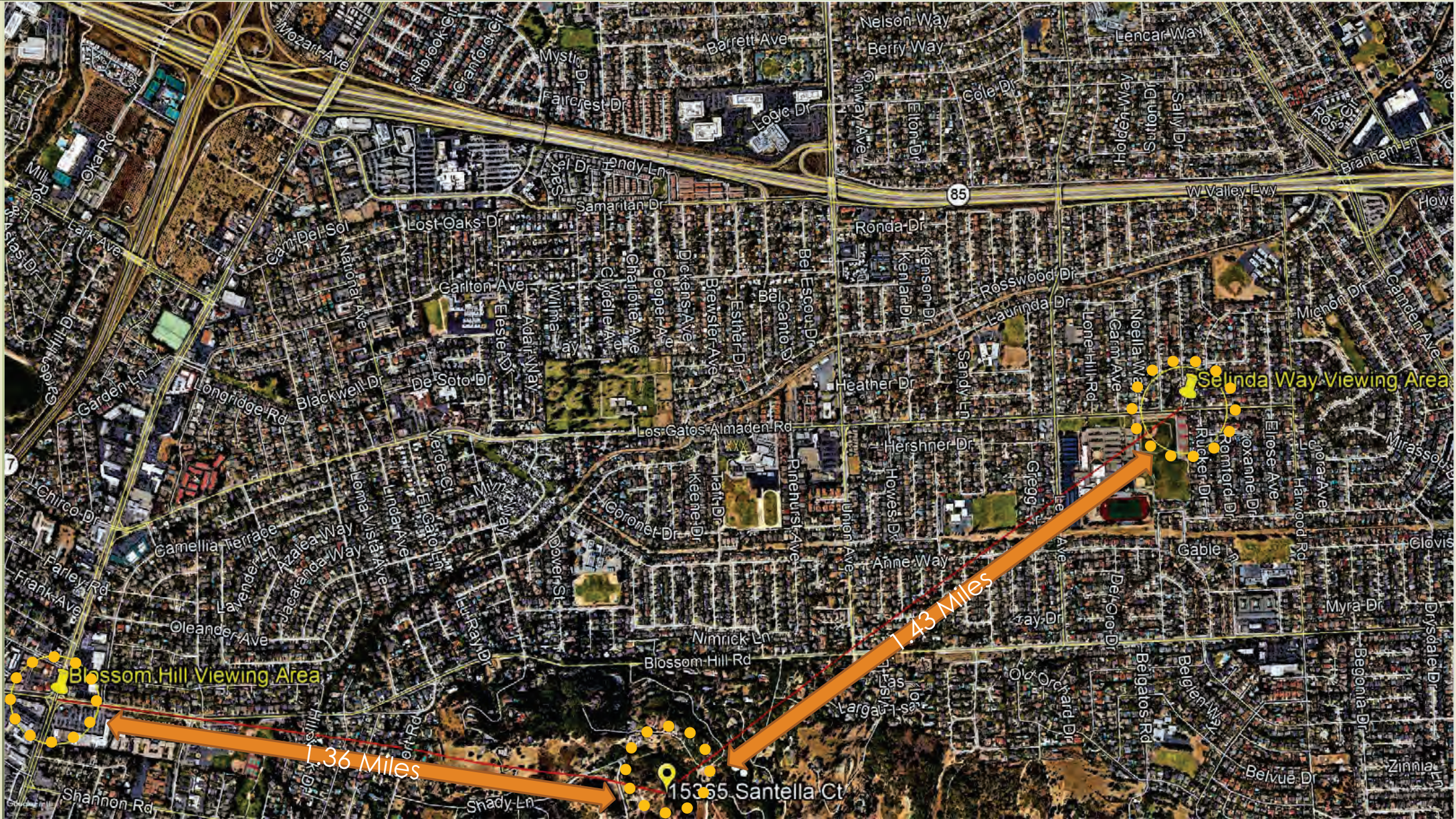


ATTACHMENT 12

Visibility Analysis Study- approved by Planning Commission on 01/08/20- with notes corrected on 02/12/20

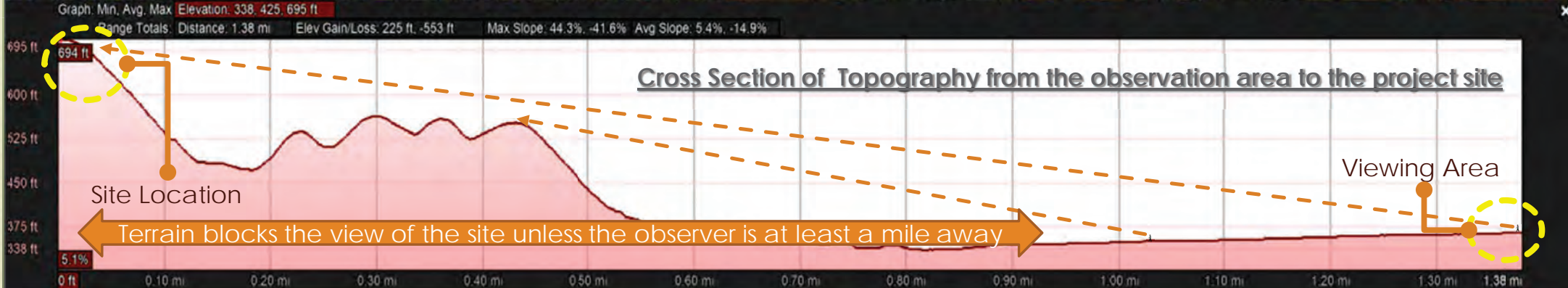
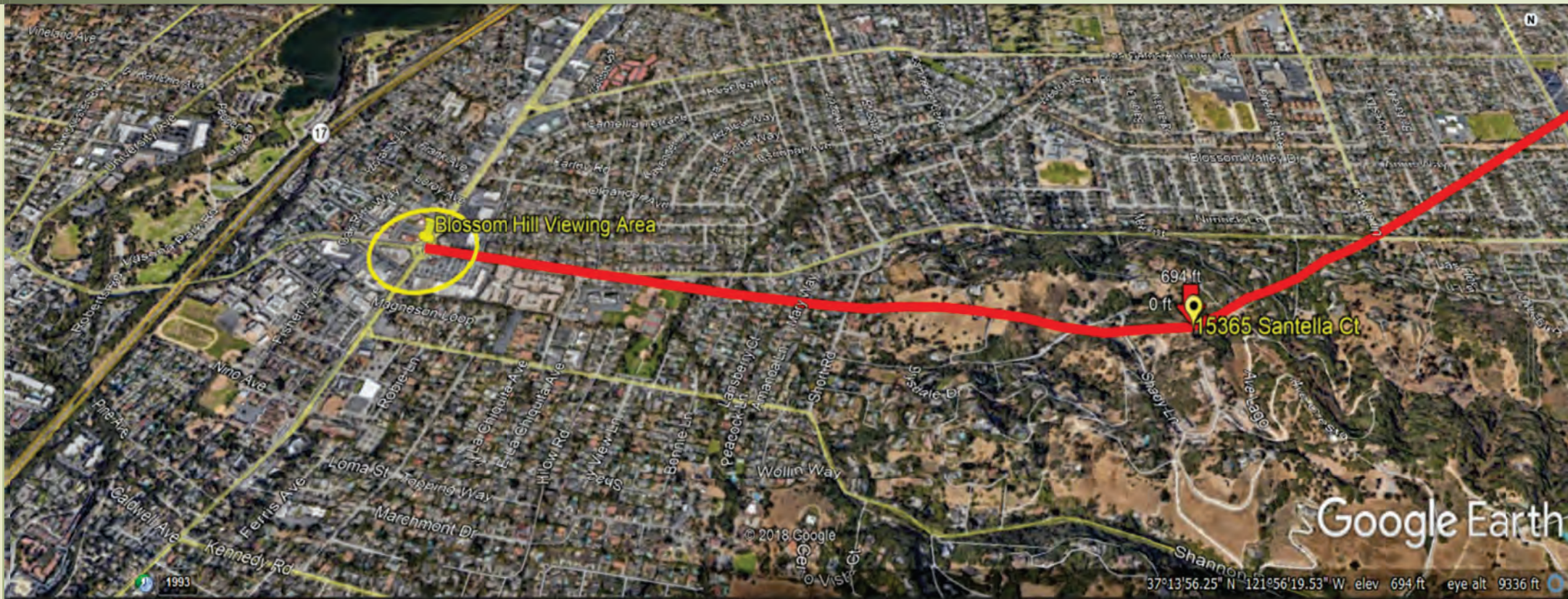
- Blossom Hill/LG Blvd. and Selinda Way/LG Almaden Rd. viewing areas were identified as the nearest to the project from where the home could be potentially seen.

www.srustiarchitects.com



OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
15365 Santella Court-Los Gatos-CA 95032

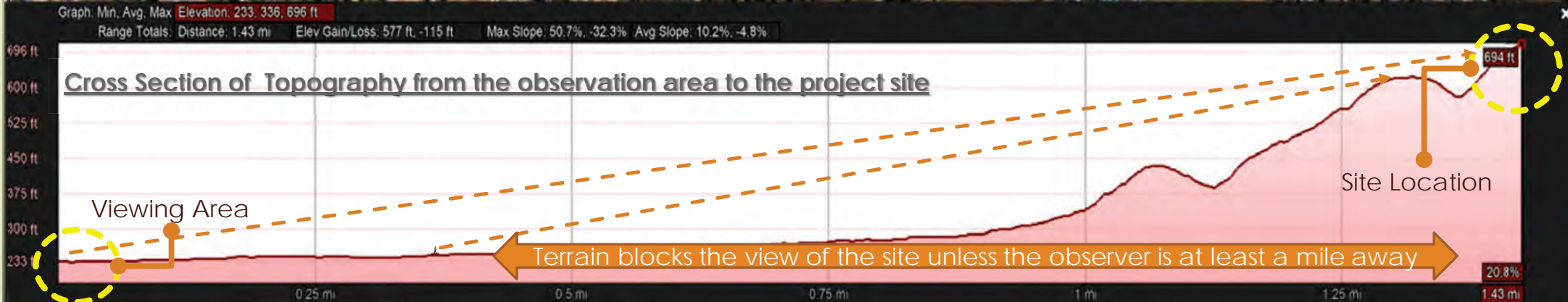
- Blossom Hill/LG Blvd. viewing Area is about 1.36 miles away & 316 feet lower than project site



OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
 15365 Santella Court-Los Gatos-CA 95032



- Selinda Wy/LG Almaden Rd. viewing Area is about 1.43 miles away & 462 feet lower than project site



OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
 15365 Santella Court-Los Gatos-CA 95032



- ▶ Project site seen with a naked eye (50 mm lens), 500 feet closer from Blossom Hill /LG Blvd intersection.



- ▶ Project site seen with a telephoto (300 mm) lens, 500 feet closer from Blossom Hill /Los Gatos Blvd intersection, when story poles were installed.



Site Location





► Project site seen with a naked eye (50 mm lens) at Blossom Hill /LG Blvd intersection.



Site Location

- ▶ Project site seen with a telephoto (300 mm) lens from Blossom Hill /Los Gatos Blvd intersection, when story poles were installed.



- Project site seen with a naked eye (50 mm lens), 500 feet away from Blossom Hill /LG Blvd intersection.



- Project site seen with a telephoto (300 mm) lens, 500 feet away from Blossom Hill /Los Gatos Blvd intersection, when story poles were installed.



- ▶ Project site seen with a naked eye (50 mm lens), 500 feet closer from Selinda Way/LG Almaden Rd. intersection.



Site Location



- ▶ Project site seen with a telephoto (300 mm) lens, 500 feet closer from Selinda Way/LG Almaden Rd. intersection.

Site Location



► Project site seen with a naked eye (50 mm lens) at Selinda Way/LG Almaden Rd. intersection. This picture was taken at Lee Highschool fence (near the observation area) to get a clear view of the site

Site Location



- ▶ Project site seen with a telephoto (300 mm) lens, from Selinda Way/LG Almaden Rd. intersection. This picture was taken at Lee Highschool fence (near the observation area) to get a clear view of the site.





➤ Project site seen with a naked eye (50 mm lens) 500 feet away from Selinda Way/LG Almaden Rd. intersection.



Site Location



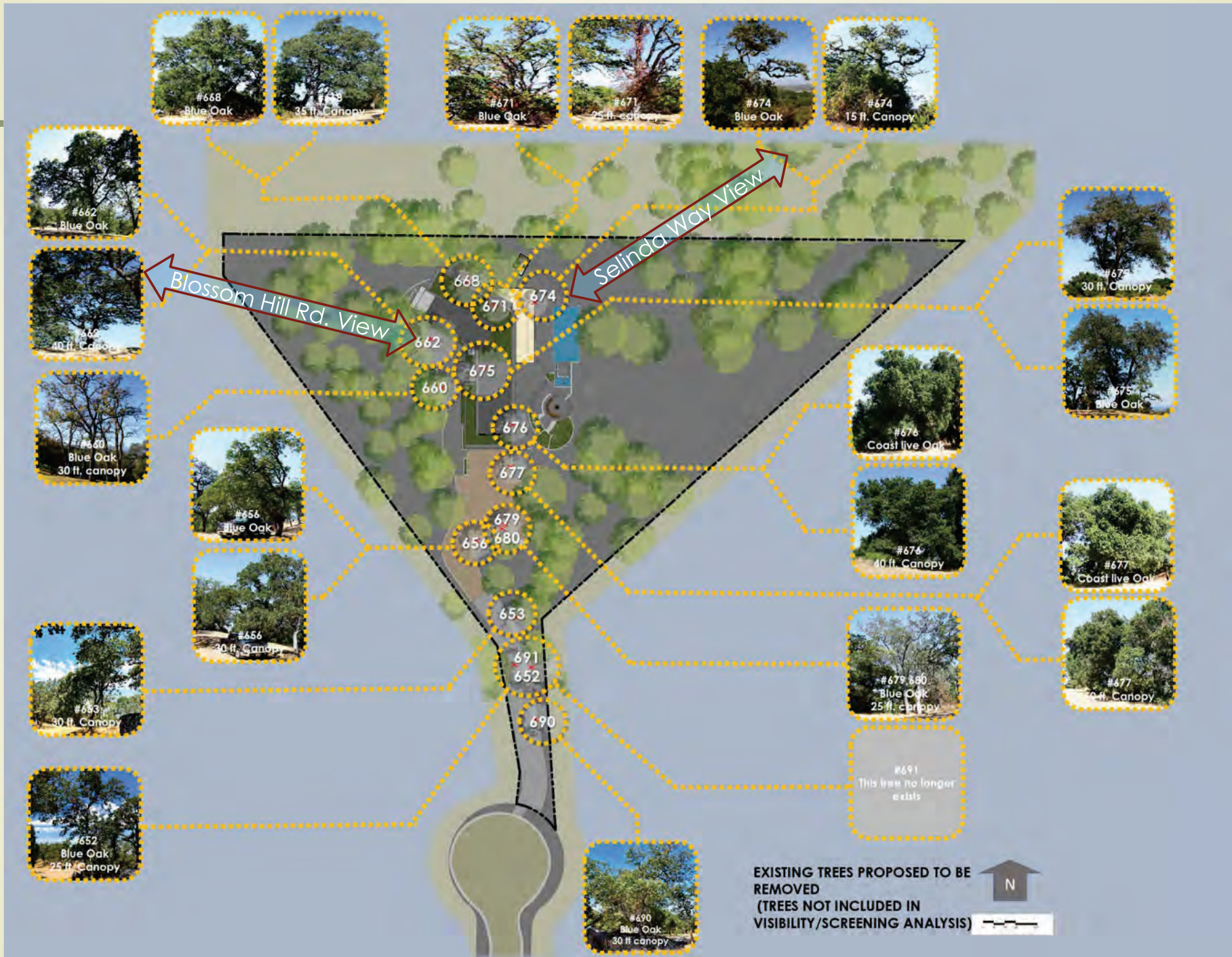
- ▶ Project site seen with a telephoto (300 mm) lens, 500 feet away from Selinda Way/LG Almaden Rd. intersection.





OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
15365 Santella Court-Los Gatos-CA 95032





OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
15365 Santella Court-Los Gatos-CA 95032



Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

- Z6
- Y3
- Y2
- Z5
- Y1
- X2
- 244
- 685
- 684
- 679  
680
- 656
- 678
- 677
- 676
- 675
- 661



- 663
- 664
- 662
- X1
- 669
- 668
- 670
- Z4
- Z2  
Z3



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OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
15365 Santella Court-Los Gatos-CA 95032

Aerial View from North

Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

- 658
- 677
- 622
- 675
- 674
- 671
- 668
- 670
- 669
- Z2  
Z3
- Z4
- Z6
- Z5
- Y1
- Y2
- X1
- X2



- Y3
- 676
- 244
- 678
- 679
- 680
- 656
- 657

Red border is removed per PD review



Aerial view from South

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Building  
Outline

Existing Grade  
+694'0"

Roofline  
+710'0"



Due to dense healthy tree cover & only a few trees proposed to be removed, 0% of the home surface would be seen from Blossom Hill Observation Area

**Area of Visible Home = 0 sf = 0%**

- 670
- 669
- 668  
671
- 661  
663  
664
- 662
- 675  
660
- 624  
623  
659
- 676  
677
- 626

Tree numbers are revised per PD review





► Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

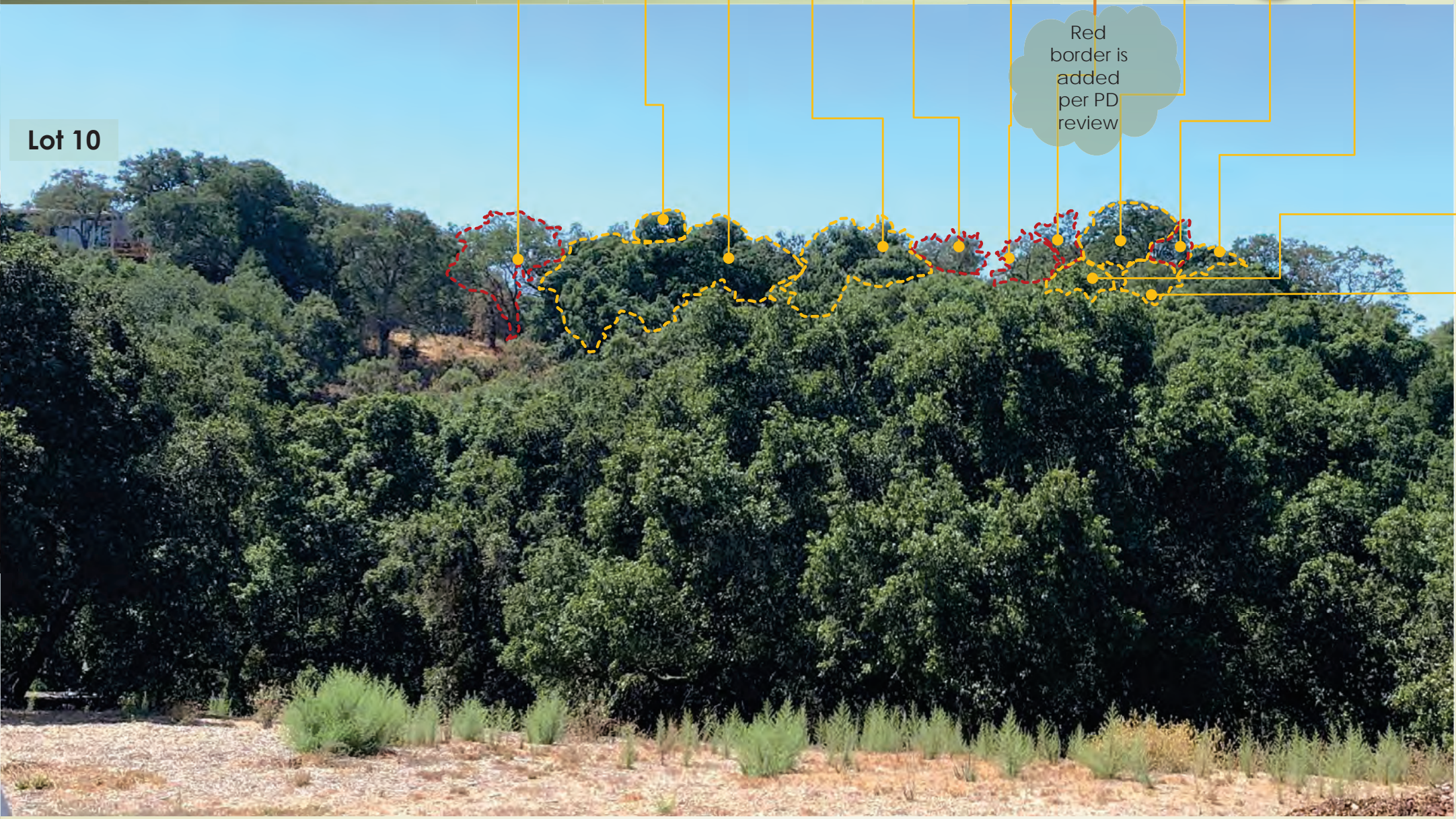
- 679  
680
- 678
- 244
- X1
- 675
- 674
- 671
- 669
- 668
- 670

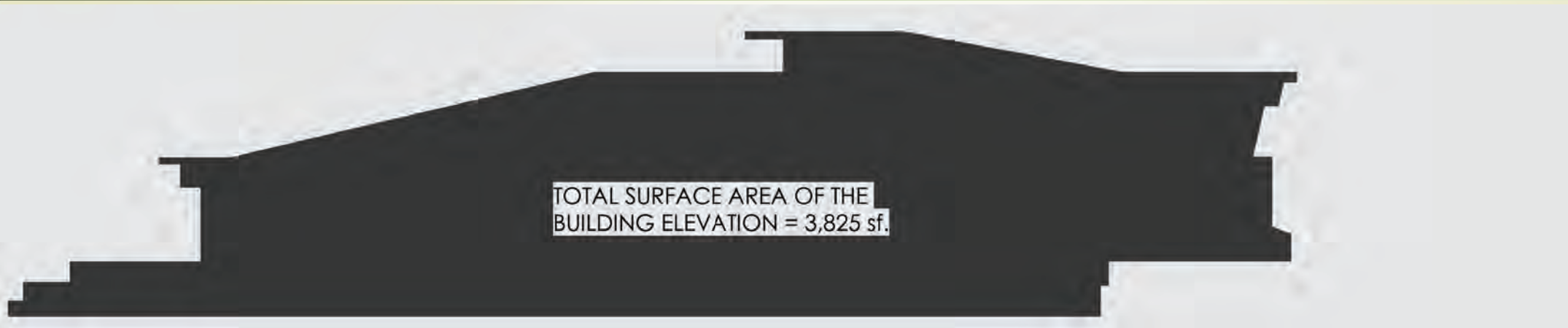
Red border is added per PD review

- Z6
- Z4

Lot 10

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TOTAL SURFACE AREA OF THE BUILDING ELEVATION = 3,825 sf.



- Roof's Highest Point 716'-0"
- Ceiling Level 709'-0"
- Upper Floor Level 699'-0"
- Lower Floor Level 688'-0"





Existing Grade  
+694'0"

Roofline  
+710'0"





**Building Area**  
3,825 sf.

**Building Area seen**  
917 sf. < 24%

**Existing Grade**  
+694'0"

**Roofline**  
+710'0"



Total surface area of the building elevation = 3,825 sf.

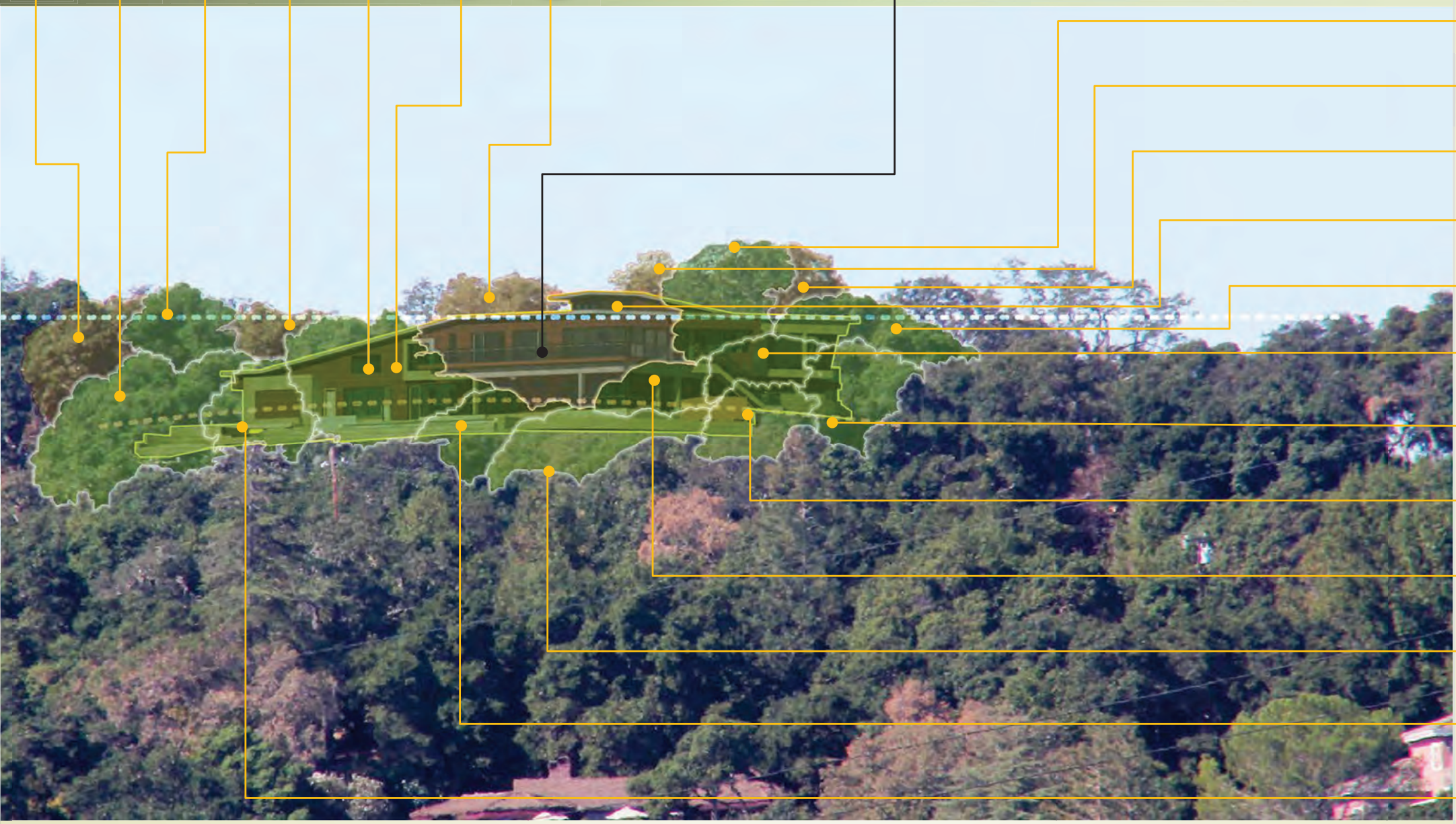
Area of Visible Home = 917 sf = 24%

Building area seen after tree removal  
917 sf. < 24%

- 679  
680
- 244
- 678
- 677
- X2
- X1
- 675

- 669
- 671
- 668
- 674
- 670
- Z2  
Z3
- Trees below 670
- Z6
- Z4  
Z5
- Trees below 674
- Y1  
Y2
- Y3

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➤ Unless the observer is at least a mile away from the site, it cannot be seen. Given that distance one cannot distinguish the home with a naked eye. This home with low LRV surface material values, even when seen with 300 mm telephoto lens, it will have very little impact to the hillside views, from Selinda Way viewing area.



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OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
15365 Santella Court-Los Gatos-CA 95032

Selinda Way View Analysis



Rendering of the home seen by 300 mm lens



**O L G A A R D R E S I D E N C E**

(APN): 527-09-036.  
15365 SANTELLA COURT,  
LOS GATOS CALIFORNIA 95032

PLANNING DEPARTMENT DEVELOPMENT APPLICATION

ATTACHMENT 13



ARCHITECT:  
HARI SRIPADANNA AIA LEED AP  
SRUSTI ARCHITECTS  
18524 MONTEPERE WAY  
SARATOGA CA 95070  
PHONE:(408) 507 8138

**Olgaard Residence**

15365 Santella Court,  
Los Gatos, CA 95032

OWNER:  
Christian & Helen Olgaard

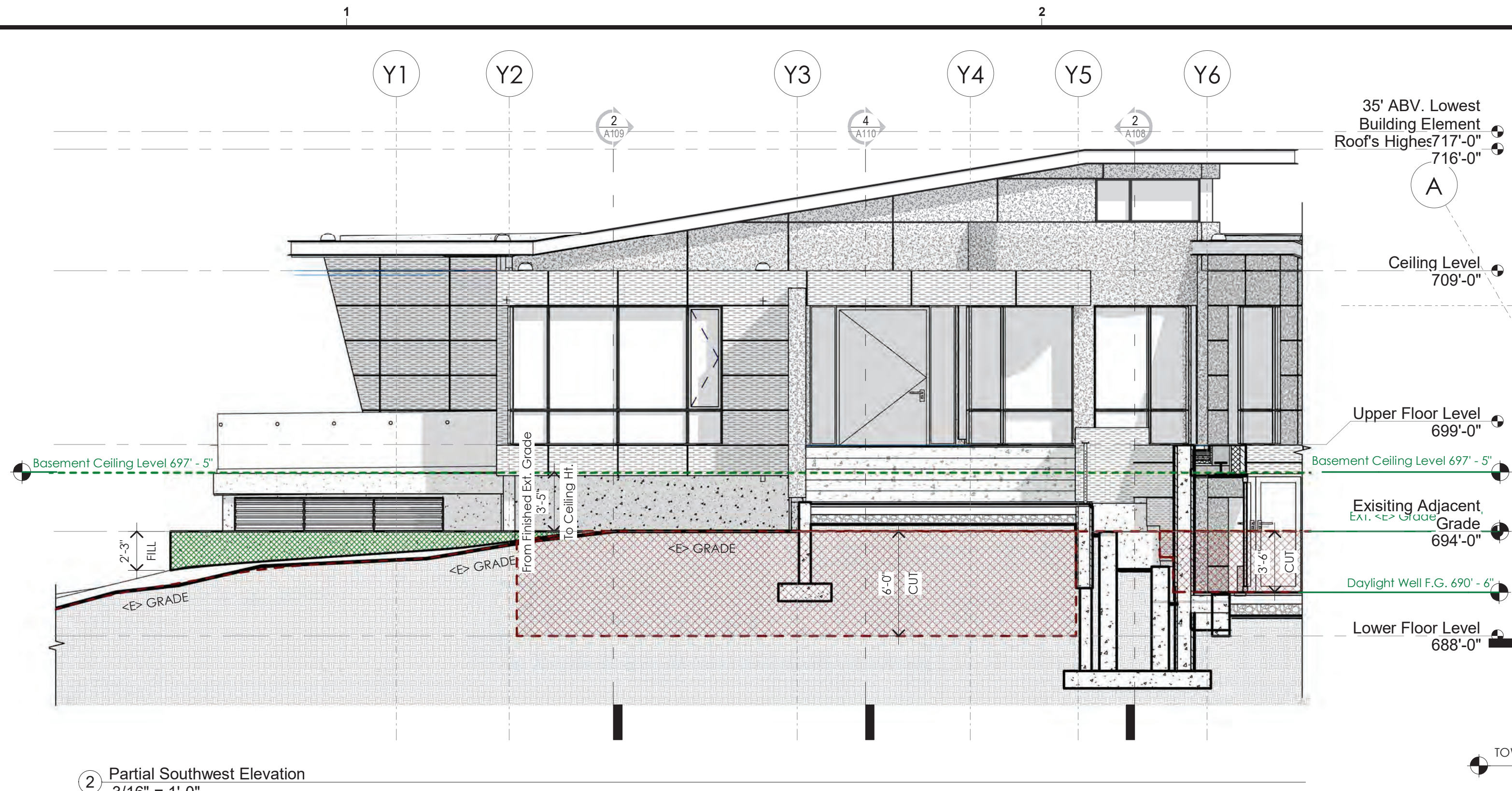
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Planning Backcheck Submittal 03:	Sep16 2019
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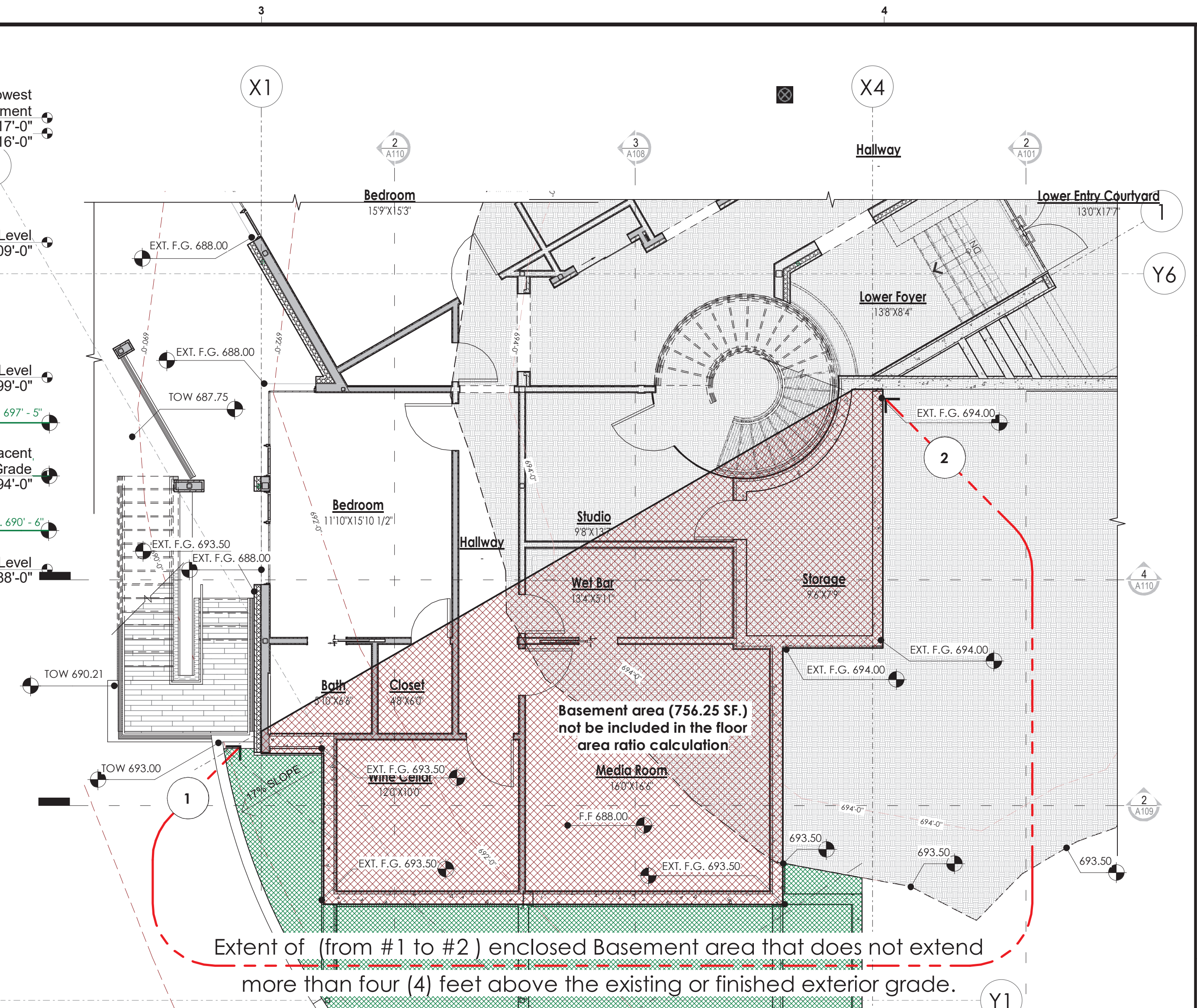
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2 Partial Southwest Elevation  
 3/16" = 1'-0"

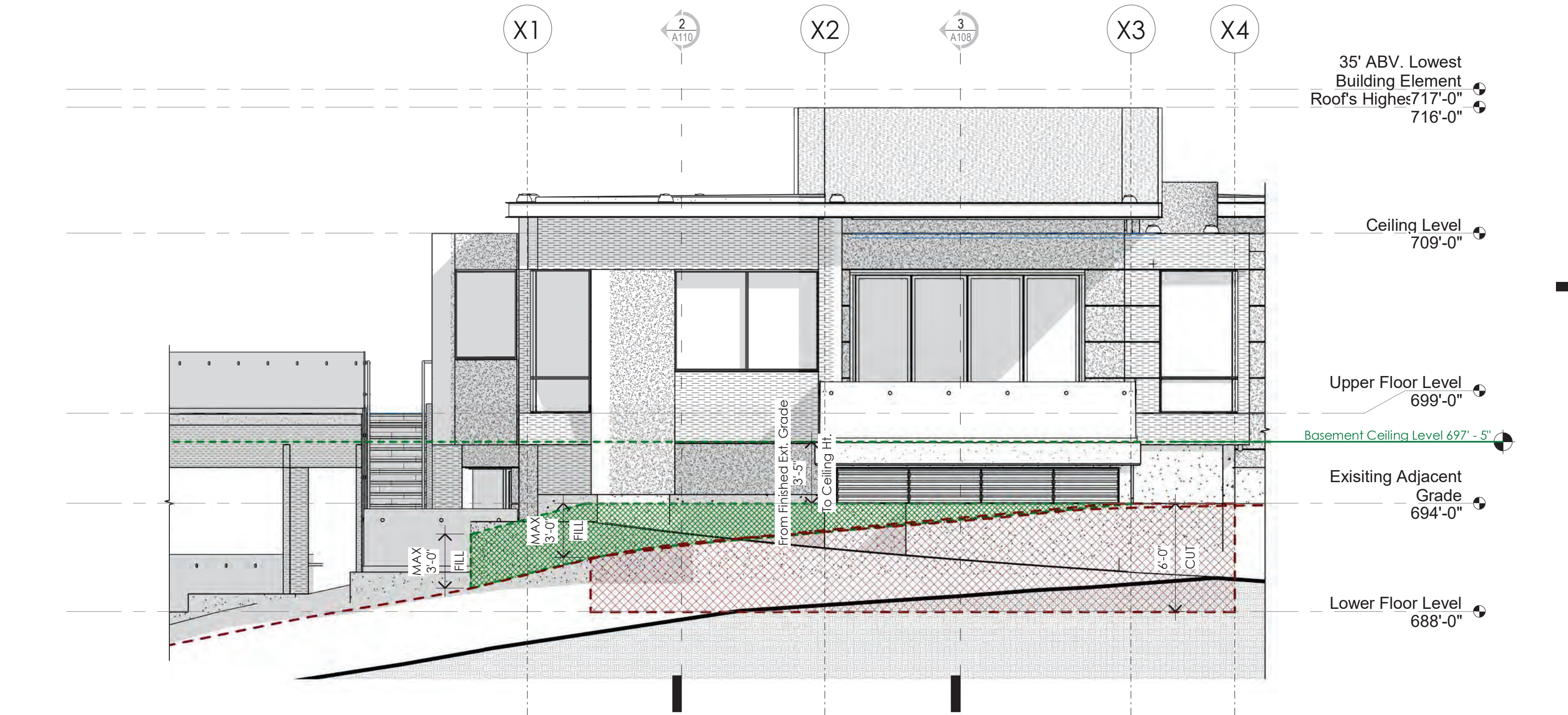


Extent of (from #1 to #2) enclosed Basement area that does not extend more than four (4) feet above the existing or finished exterior grade.

AREA OF FILL  
 (3ft. Max. Ht. from <E> Grade)

**LEGEND**

	FILL
	CUT



3 Partial Northwest Elevation  
 3/16" = 1'-0"

1 Enlarged Basement Floor Plan  
 3/16" = 1'-0"



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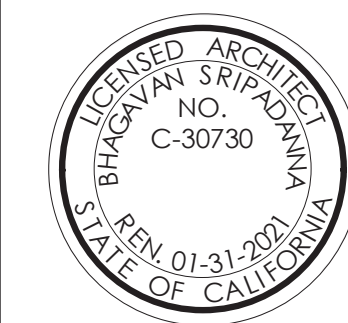
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**Basement Diagrams**

**A101**  
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11/14/2019 2:28:57 PM

1 Site Plan  
 1" = 20'-0"



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 Siteplan

**A102**  
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**Key Notes**

- 1 Provide Signage that this room will not be used for sleeping

C

B

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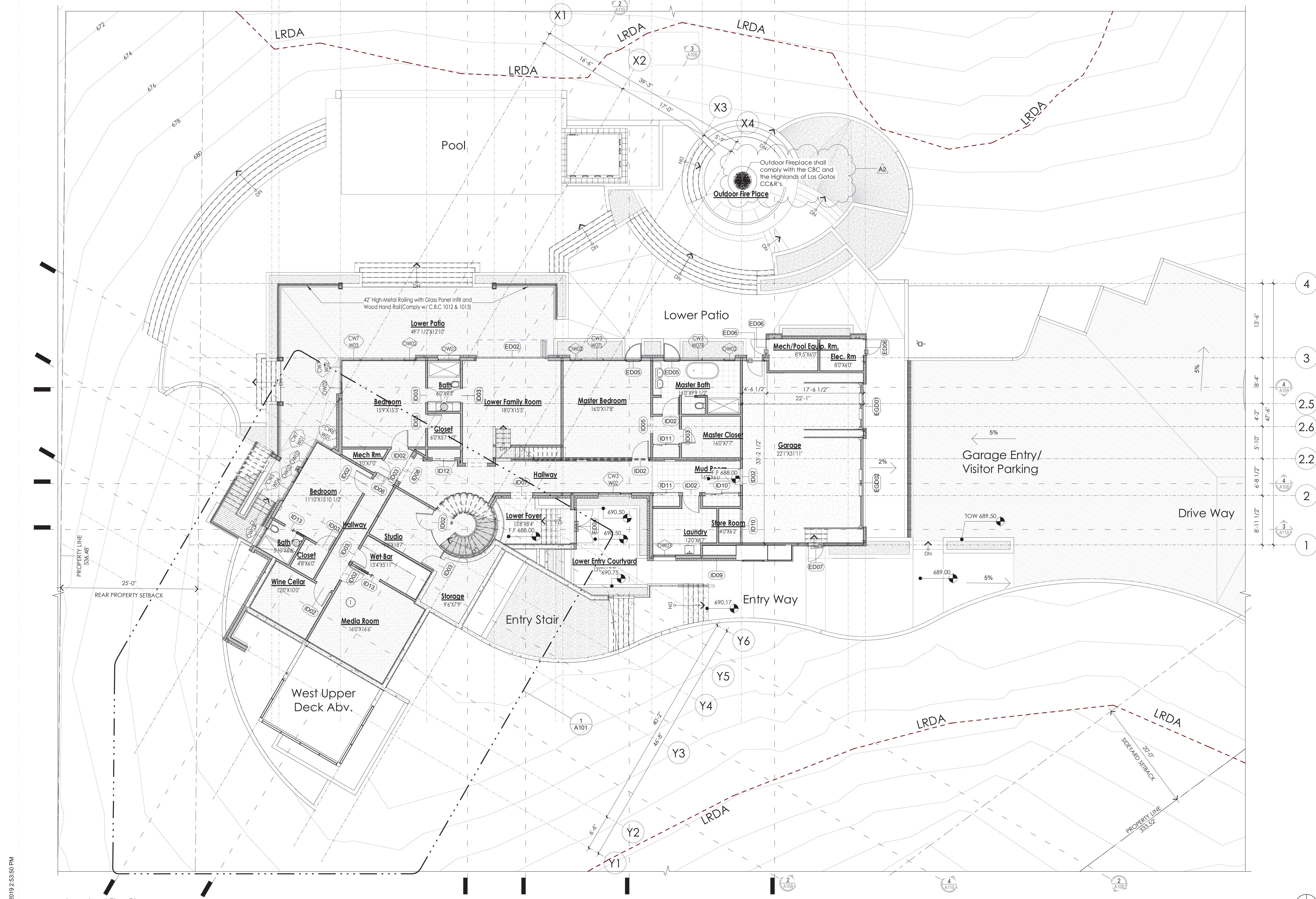
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**Lower Level Floor Plan**

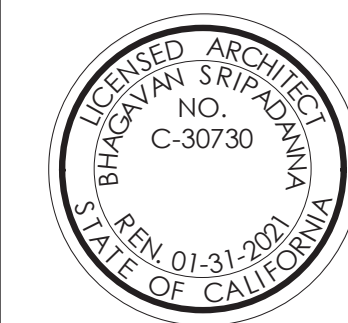
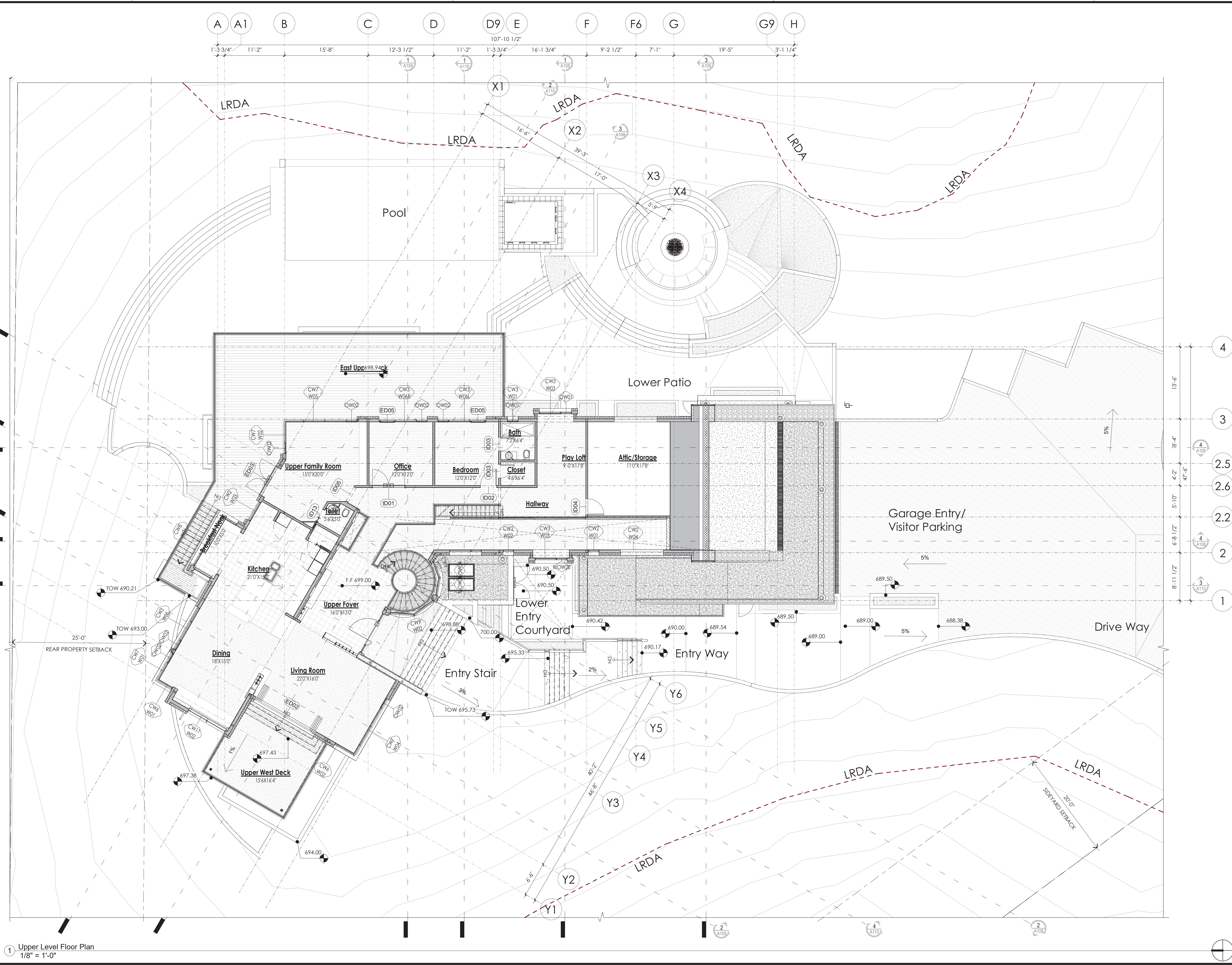
**A103**

SHEET OF



1 Lower Level Floor Plan  
 1/8" = 1'-0"

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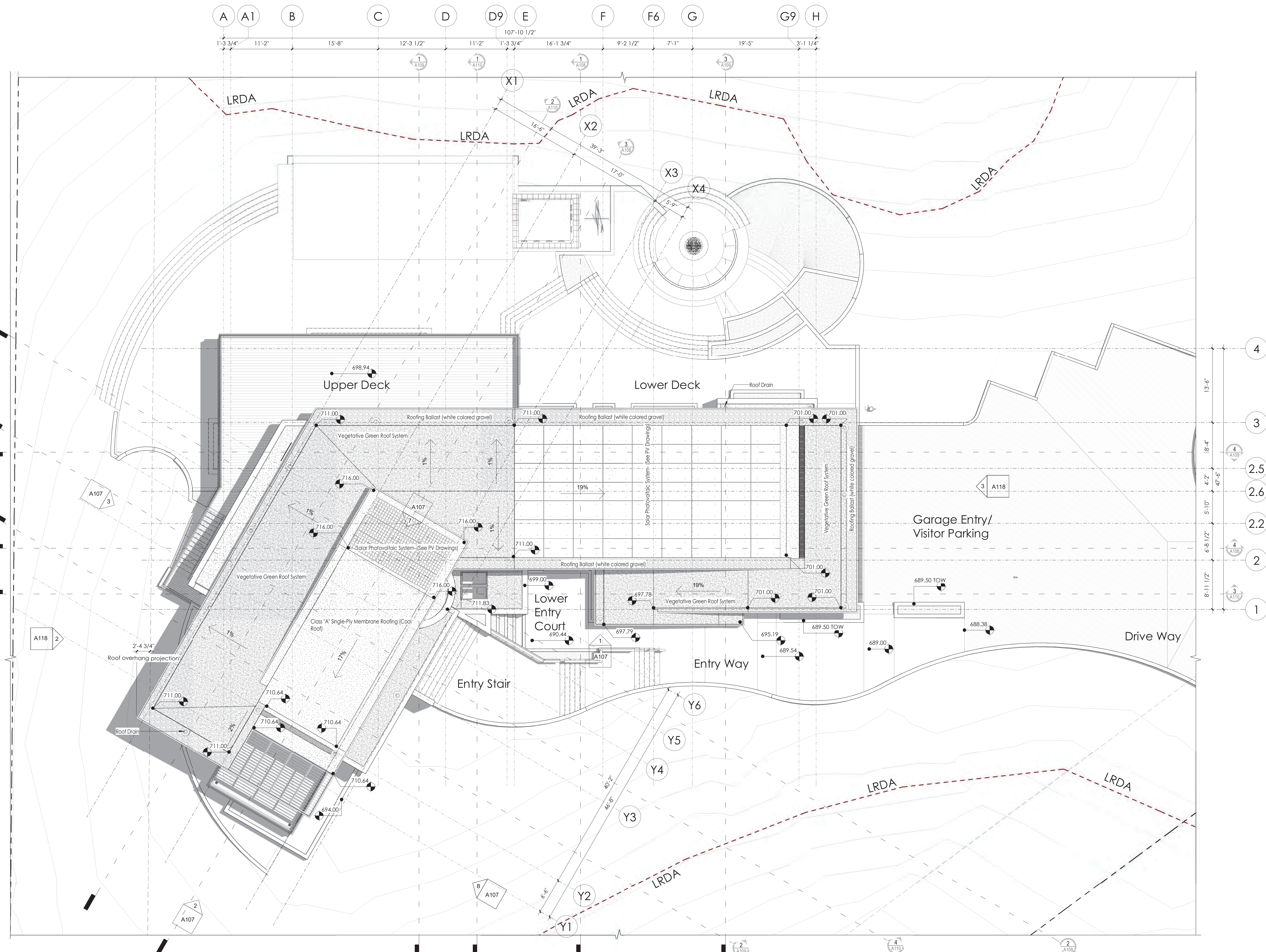
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### Upper Level Floor Plan

**A104**  
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1 Upper Level Floor Plan  
 1/8" = 1'-0"



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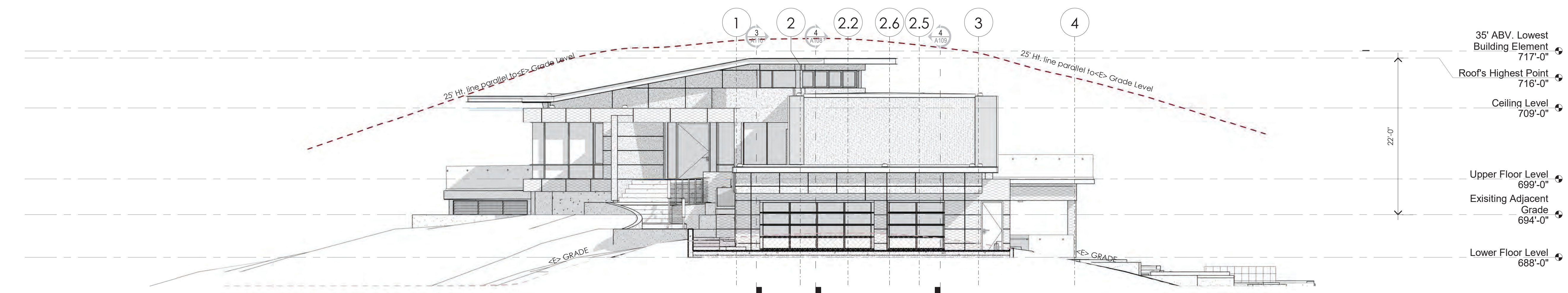
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**Roof Plan**

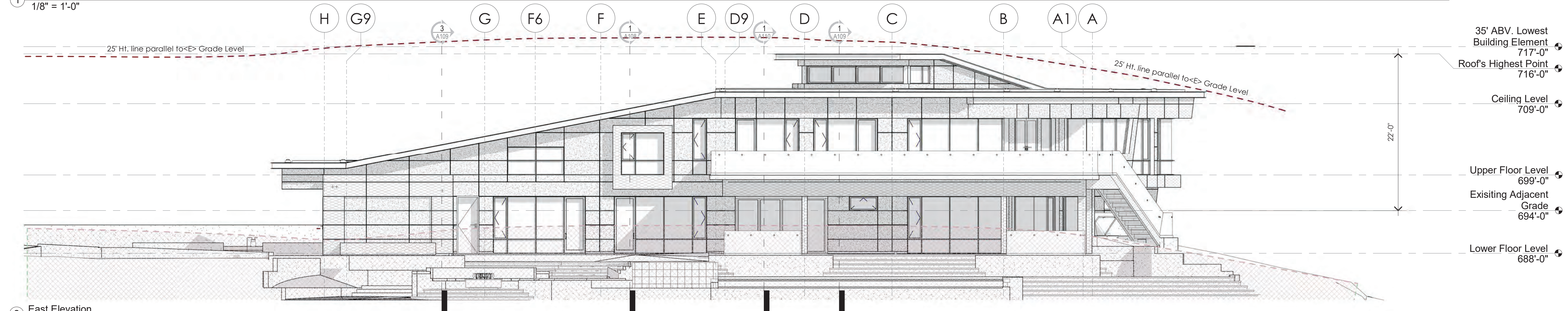
**A105**  
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1 Roof Plan  
 1/8" = 1'-0"

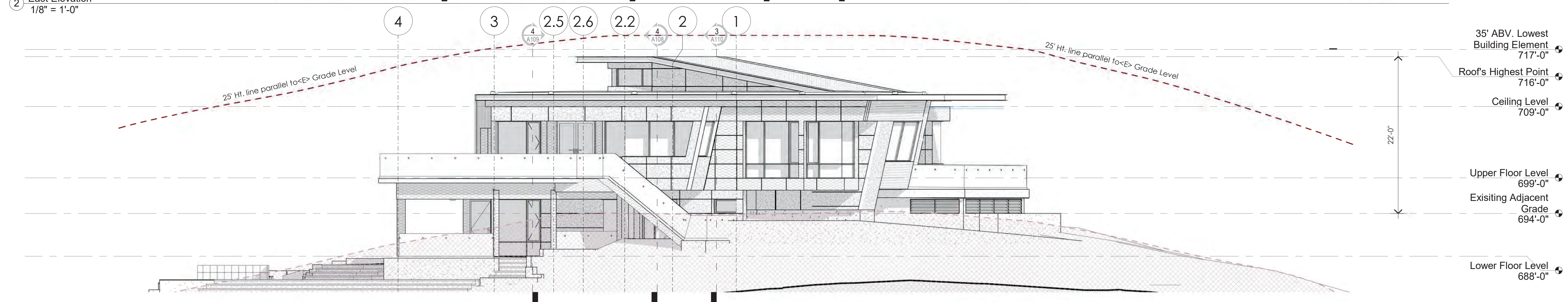
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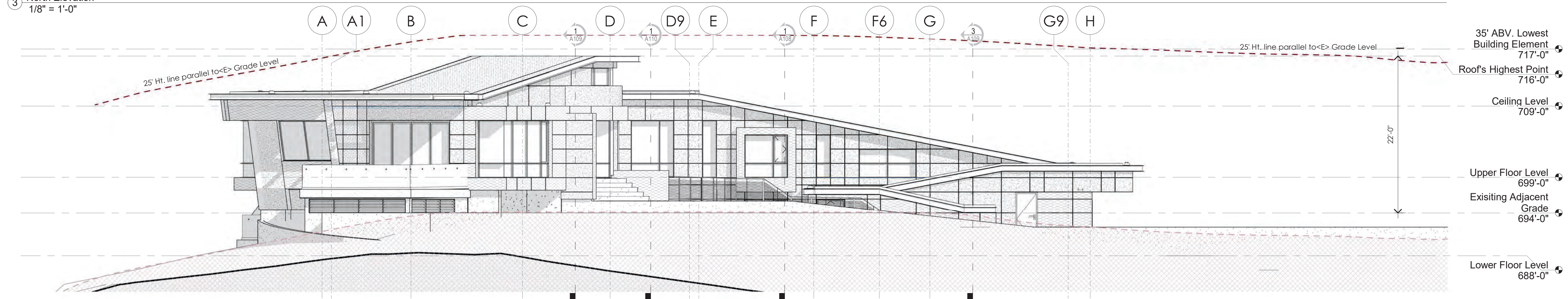
① South Elevation  
 1/8" = 1'-0"



② East Elevation  
 1/8" = 1'-0"



③ North Elevation  
 1/8" = 1'-0"



④ West Elevation  
 1/8" = 1'-0"



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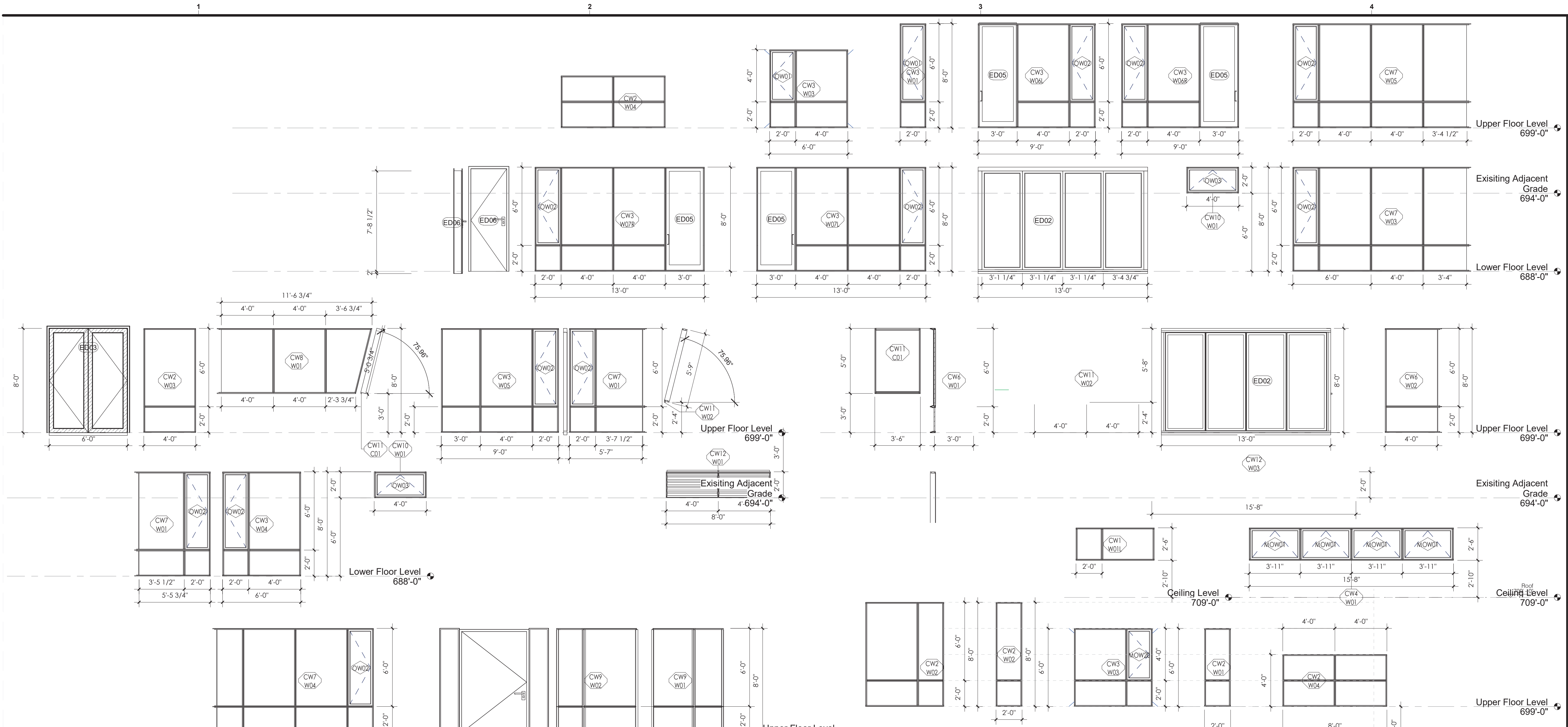
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**Building Elevations**

**A106**

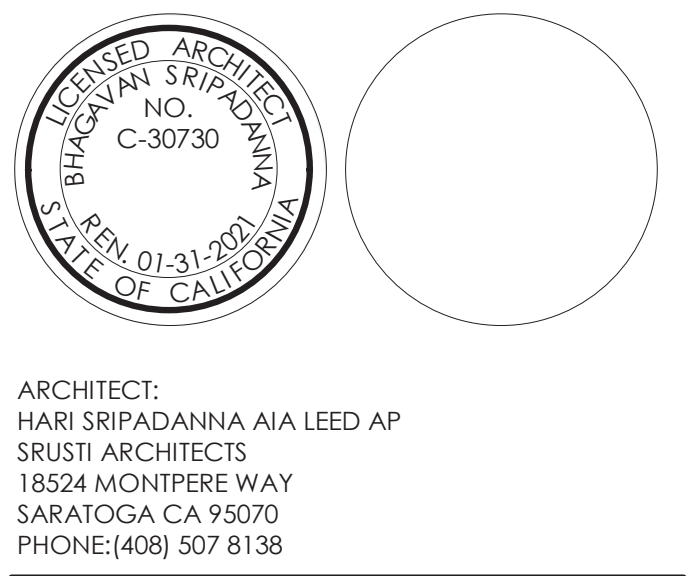
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Mark	Length	Height	Count	Description	Comments
CW1 W01L	6'-0"	2'-6"	1	Fixed window with no interior horizontal mullions	Existing Adjacent Grade 694'-0"
CW1 W01R	6'-0"	2'-6"	1	Fixed window with no interior horizontal mullions	
CW2 W01	2'-0"	6'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	Upper Floor Level 699'-0"
CW2 W02	2'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W03	4'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W04	8'-0"	4'-0"	2	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W05	6'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW3 W01	2'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W02	6'-0"	5'-4"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W03	6'-0"	6'-0"	2	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W04	6'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W05	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W06L	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W06R	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W07L	13'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W07R	13'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW4 W01	15'-8"	2'-4"	1	Curtain Wall inset with motorized clearstory awning windows	Upper Floor Level 699'-0"
CW5 W01	3'-0"	5'-0"	1	Fixed window without corner vertical mullion	
CW6 W01	3'-0"	8'-0"	2	Interior horizontal mullion at 2ft. HT. & without corner vertical mullion	
CW6 W02	4'-0"	8'-0"	1	Interior horizontal mullion at 2ft. HT. & without corner vertical mullion	
CW7 W01	5'-5 1/2"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W02	6'-0"	8'-0"	2	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W03	13'-4"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W04	12'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W05	13'-4"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW8 W01	11'-8 1/2"	5'-0"	1	Slanted mullion on one side & without corner vertical mullion	
CW9 W01	6'-9"	8'-0"	1	Segmented along a curved wall & horizontal mullion at 2'-0"HT.	
CW9 W02	9'-0"	8'-0"	1	Segmented along a curved wall & horizontal mullion at 2'-0"HT.	
CW10 W01	4'-0"	2'-0"	3	Inset Awning window	
CW11 C01	3'-4"	5'-0"	1	Curtain Wall-Slanted	
CW11 W02	8'-0"	5'-8"	1	Curtain Wall-Slanted	
CW12 W01	8'-0"	2'-0"	1	Louvered vents	
CW12 W02	12'-0"	2'-0"	1	Louvered vents	
CW12 W03	15'-8"	2'-0"	1	Louvered vents	
Grand total: 41					

Mark	Width	Height	Function	Count	Description	Comments	
ED01	5'-0"	7'-9"	Exterior	1	Entry Pivotal Door with Side Lites	Existing Adjacent Grade 694'-0"	
ED02	13'-0"	8'-0"	Exterior	2	Aluminum Insulated Glazed Sliding Folding Door		
ED03	6'-0"	8'-0"	Exterior	1	Aluminum Narrow Style Insulated Glazed Swing Double Door		
ED04	6'-0"	6'-8"	Exterior	1	Aluminum Narrow Style Interior Glazed Swing Double Door		
ED05	2'-10 3/4"	7'-10 1/2"	Exterior	4	Aluminum Narrow Style Insulated Glazed Swing Single Door		
ED06	3'-0"	8'-0"	Exterior	3	Aluminum Framed Flush Exterior Metal Door		
ED07	3'-0"	7'-4"	Exterior	1			
EGD01	8'-0"	8'-6"	Exterior	1	Aluminum Glazed Garage Door		
EGD02	16'-0"	8'-6"	Exterior	1	Aluminum Glazed Garage Door		
ID01	6'-0"	8'-0"	Interior	1	Aluminum Narrow Style Interior Glazed Swing Double Door		Upper Floor Level 699'-0"
ID02	3'-0"	8'-0"	Interior	10	Solidcore Flush Wood Door		
ID03	2'-6"	8'-0"	Interior	10	Solidcore Flush Wood Door		
ID04	3'-0"	6'-8"	Interior	1	Solidcore Flush Wood Door		
ID05	3'-0"	8'-0"	Interior	3	Cased Opening		
ID06	3'-6"	8'-0"	Interior	1	Cased Opening		
ID07	4'-0"	8'-0"	Interior	1	Cased Opening		
ID08	5'-0"	8'-0"	Interior	1	Cased Opening		
ID09	5'-0"	3'-8 1/2"	Interior	1	Cased Opening		
ID10	6'-0"	8'-0"	Interior	2	Glass Sliding Double Door		
ID11	4'-6"	8'-0"	Interior	2	Glass Sliding Double Door		
ID12	4'-0"	8'-0"	Interior	1	Glass Sliding Double Door		
ID13	2'-6"	8'-0"	Interior	4	Sliding Pocket Door		
ID14	2'-4"	8'-0"	Interior	1	Glass Sliding Pocket Door		
ID19	4'-0"	8'-0"	Interior	1	Cased Opening		
ID22	6'-10"	6'-0"	Interior	1			
ID24	6'-10"	6'-0"	Interior	1			
Grand total: 57							

Mark	Width	Height	Count	Description	Comments
MOW01	3'-9 3/4"	2'-4 1/2"	4	Motorized Awning Window	Lower Floor Level 688'-0"
MOW04	2'-4"	4'-10"	1	Operable Skylight with curb	
MOW06	2'-4"	4'-10"	1	Operable Skylight with curb	
MOW14	2'-0"	6'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW15	2'-0"	4'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW16	4'-0"	2'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW20	1'-10 3/4"	3'-10 3/4"	1	Casement Window	
OW01	1'-10 1/2"	3'-10 3/4"	3		
OW02	1'-10 3/4"	5'-10 3/4"	13	Casement Window	
OW03	3'-10 1/2"	1'-10 1/2"	3	Awning Window	
WN01	2'-0"	4'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
WN02	2'-0"	6'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
WN03	4'-0"	2'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
Grand total: 38					

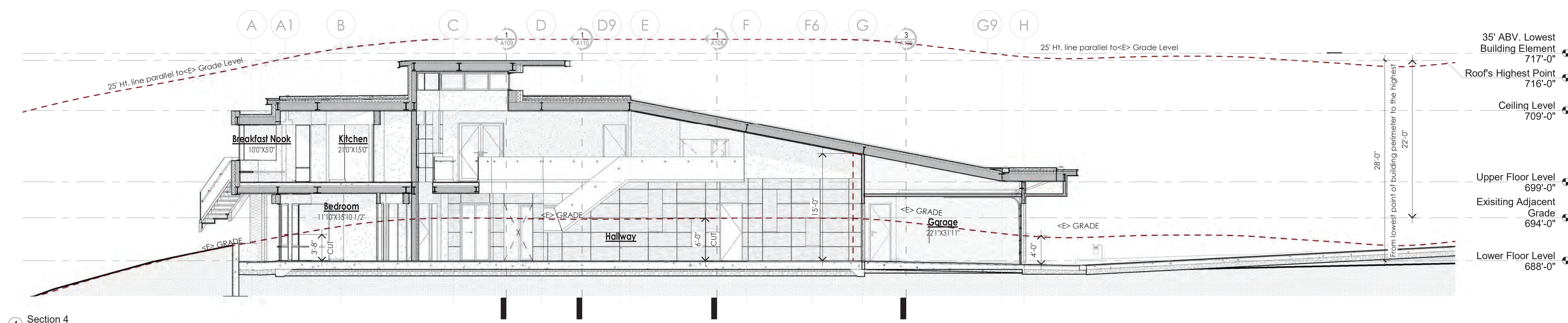


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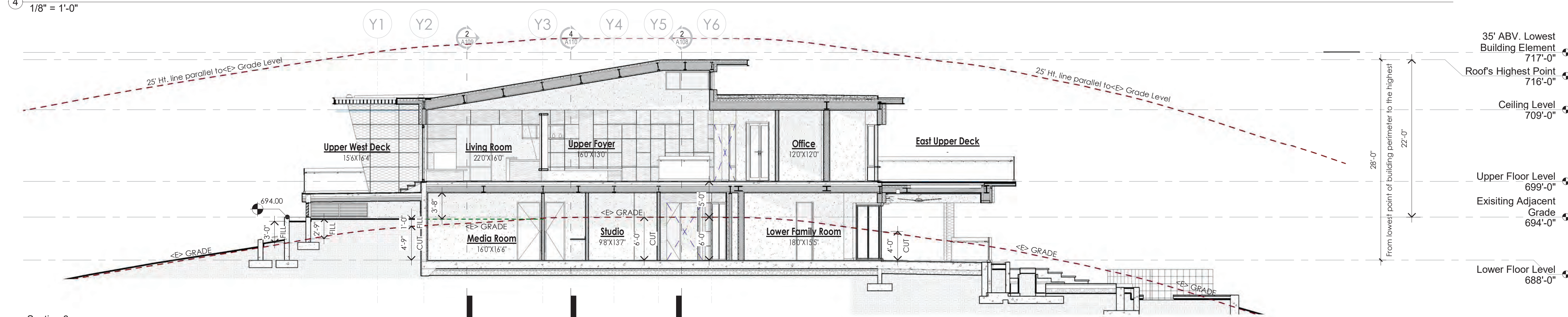
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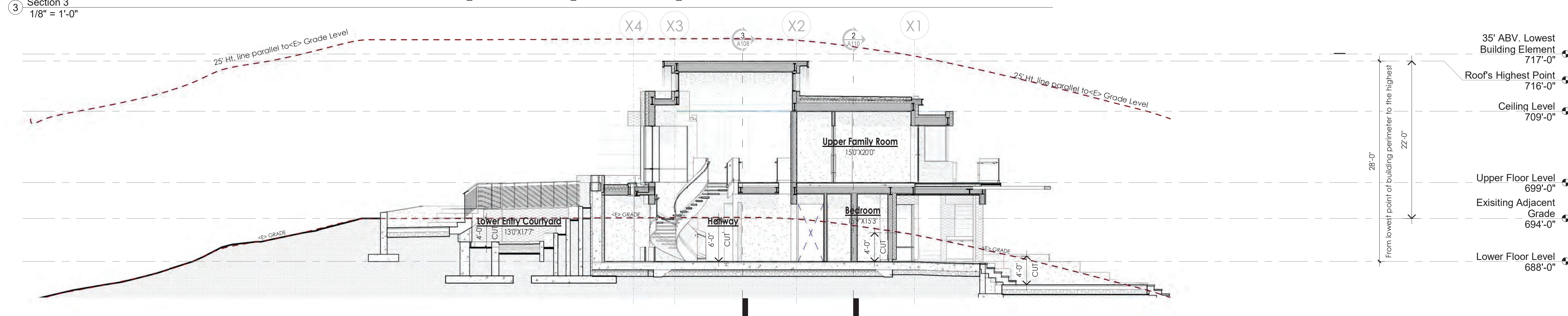
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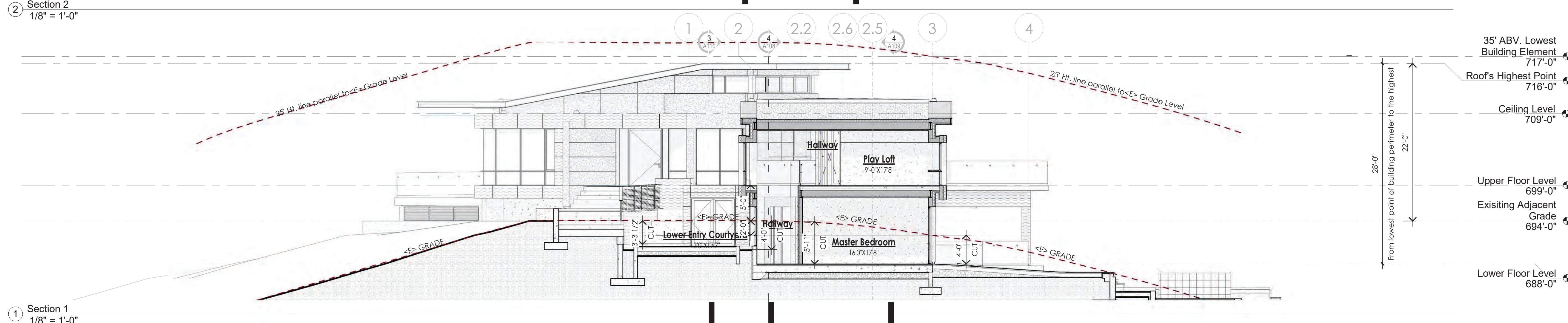
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Section 3  
1/8" = 1'-0"



Section 2  
1/8" = 1'-0"



Section 1  
1/8" = 1'-0"



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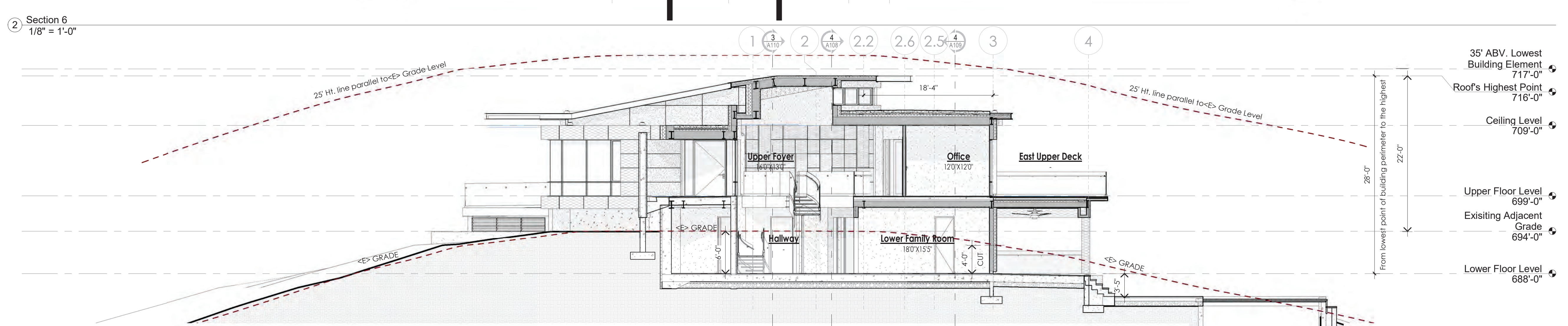
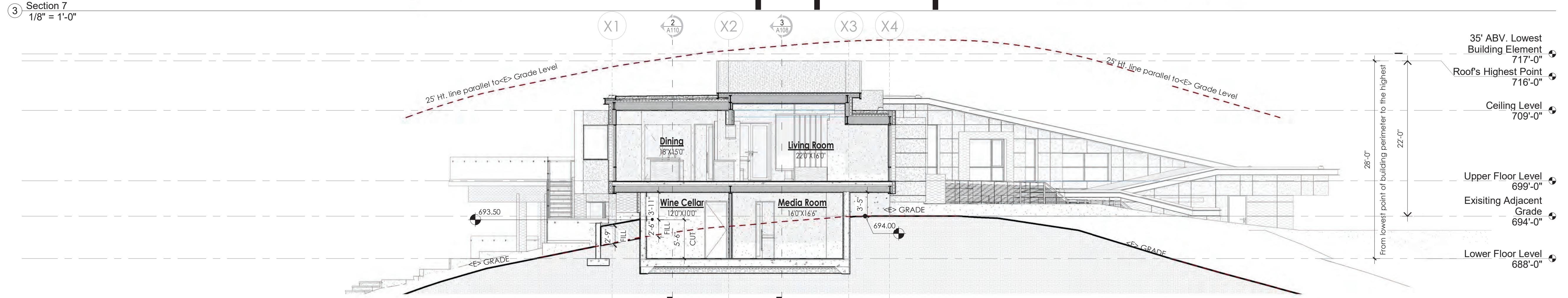
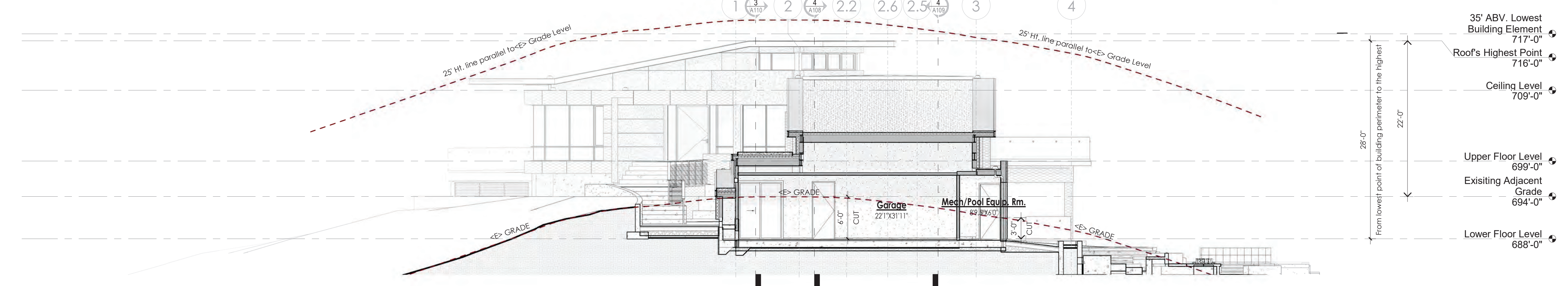
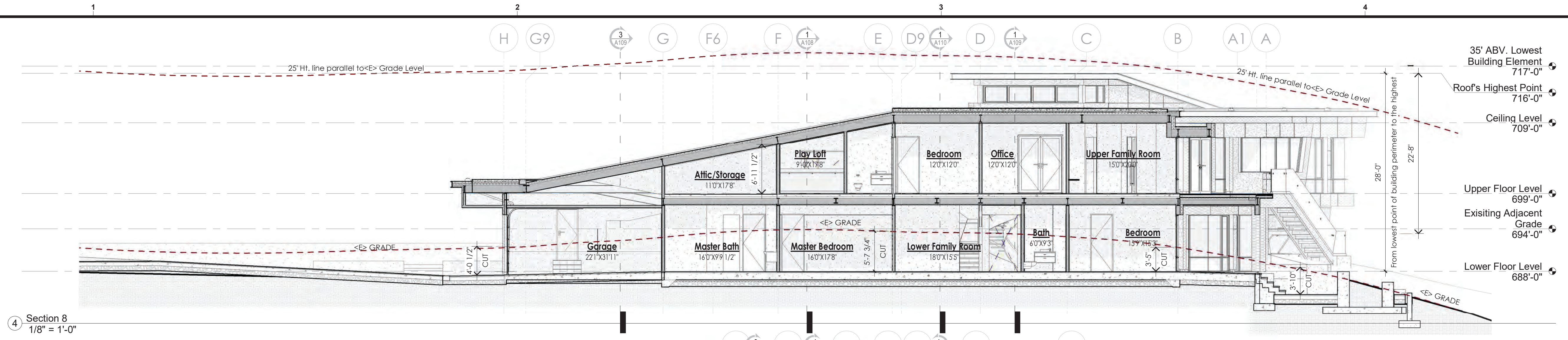
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**Building Sections**

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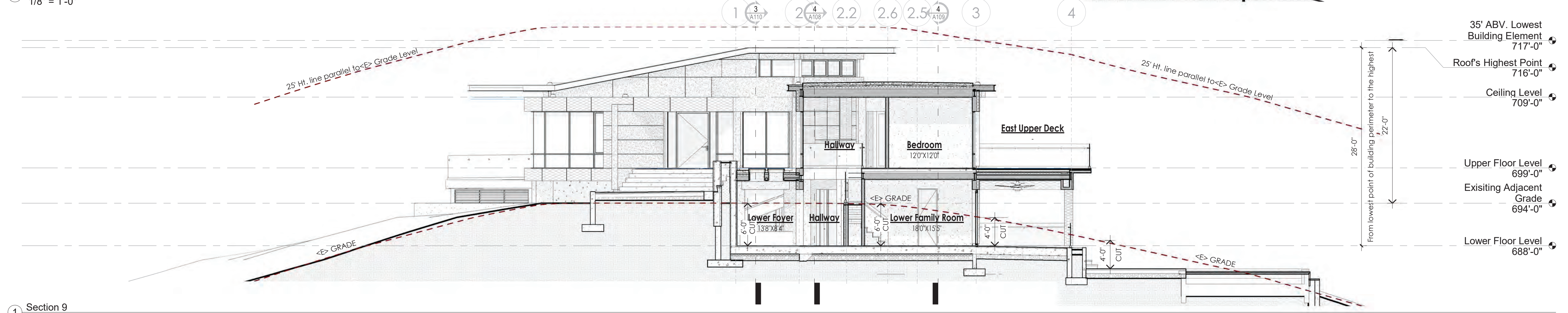
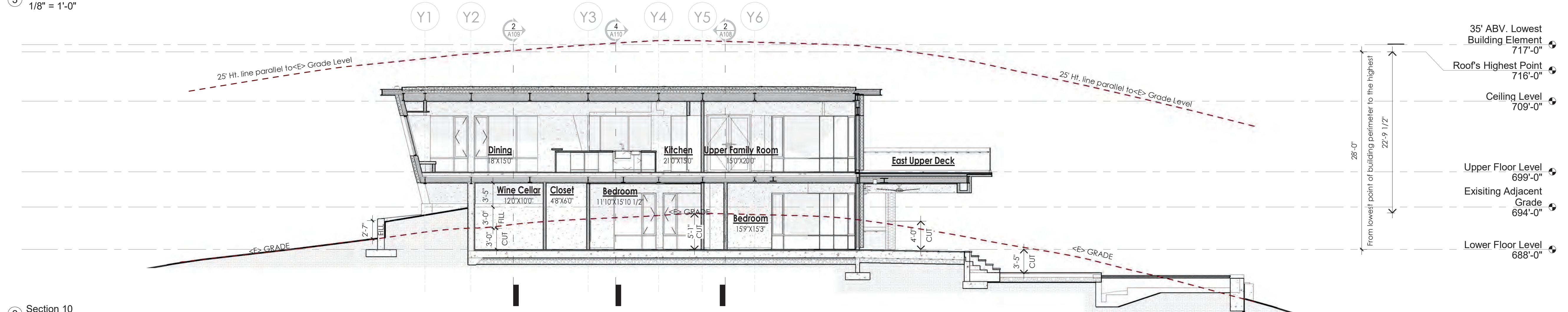
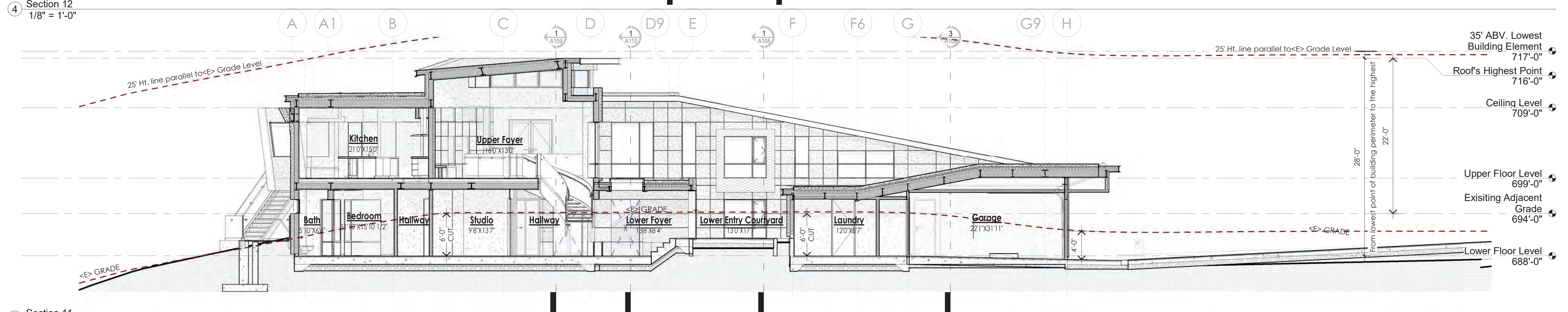
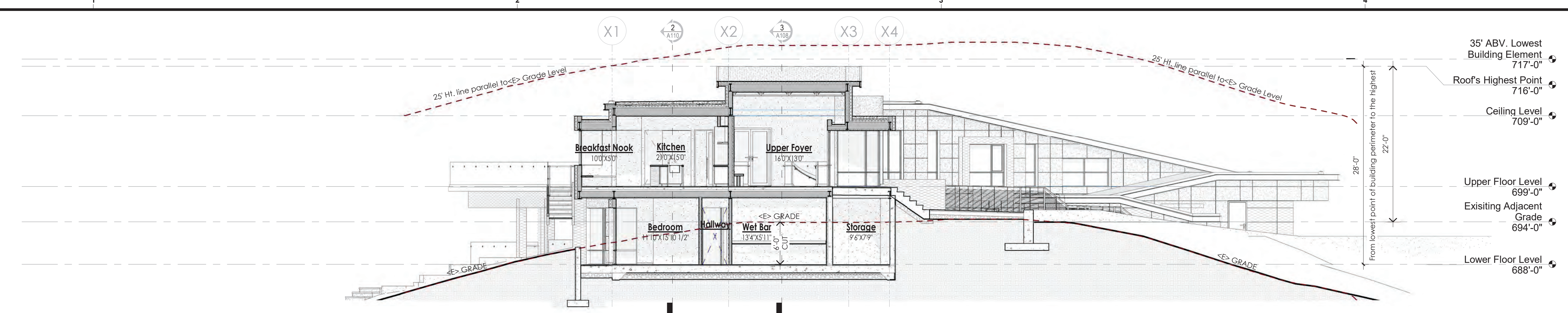
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 Los Gatos, CA 95032

OWNER:  
 Christian & Helen Olgaard

PROJECT NO:	1062018
DRAWN BY:	Author
CHECKED BY:	Checker
Planning Submittal 01:	Oct 19 2018
Planning Backcheck Submittal 02:	June 12 2019
Planning Backcheck Submittal 03:	Sep 16 2019
Planning Backcheck Submittal 04:	Oct 25 2019
HOA Backcheck Submittal 04:	Nov 01 2019
Planning Backcheck Submittal 04:	Nov 15 2019
Planning Backcheck Submittal 04:	Jan. 08. 2020
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SHEET TITLE  
**Building Sections**

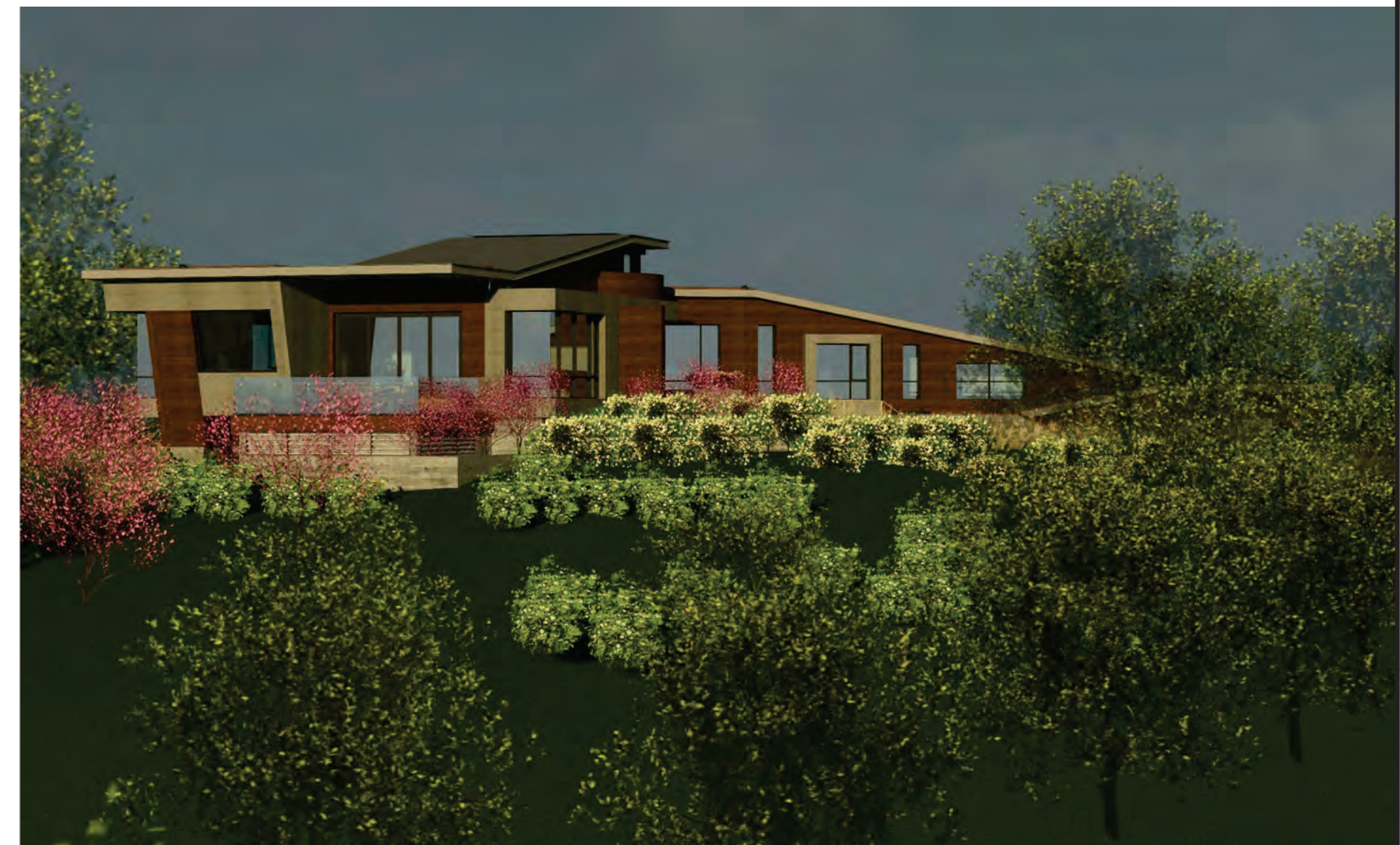
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AERIAL VIEW FROM NORTH EAST



VIEW FROM NORTH



VIEW FROM WEST



VIEW FROM RIGHT SIDE YARD



VIEW TOWARDS FRONT ENTRY



ARCHITECT:  
 HARI SRIPADANNA AIA LEED AP  
 SRUSTI ARCHITECTS  
 18524 MONTEPERE WAY  
 SARATOGA CA 95070  
 PHONE:(408) 507 8138

**Olgaard Residence**

15365 Santella Court,  
 Los Gatos, CA 95032

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SHEET TITLE  
**Perspective Views-01**

**A115**

SHEET OF



VIEW FROM EAST



VIEW FROM DRIVEWAY



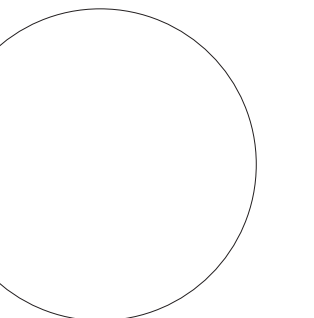
VIEW FROM SOUTH WEST



VIEW FROM NORTH WEST



VIEW FROM SOUTH EAST



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 HARI SRIPADANNA AIA LEED AP  
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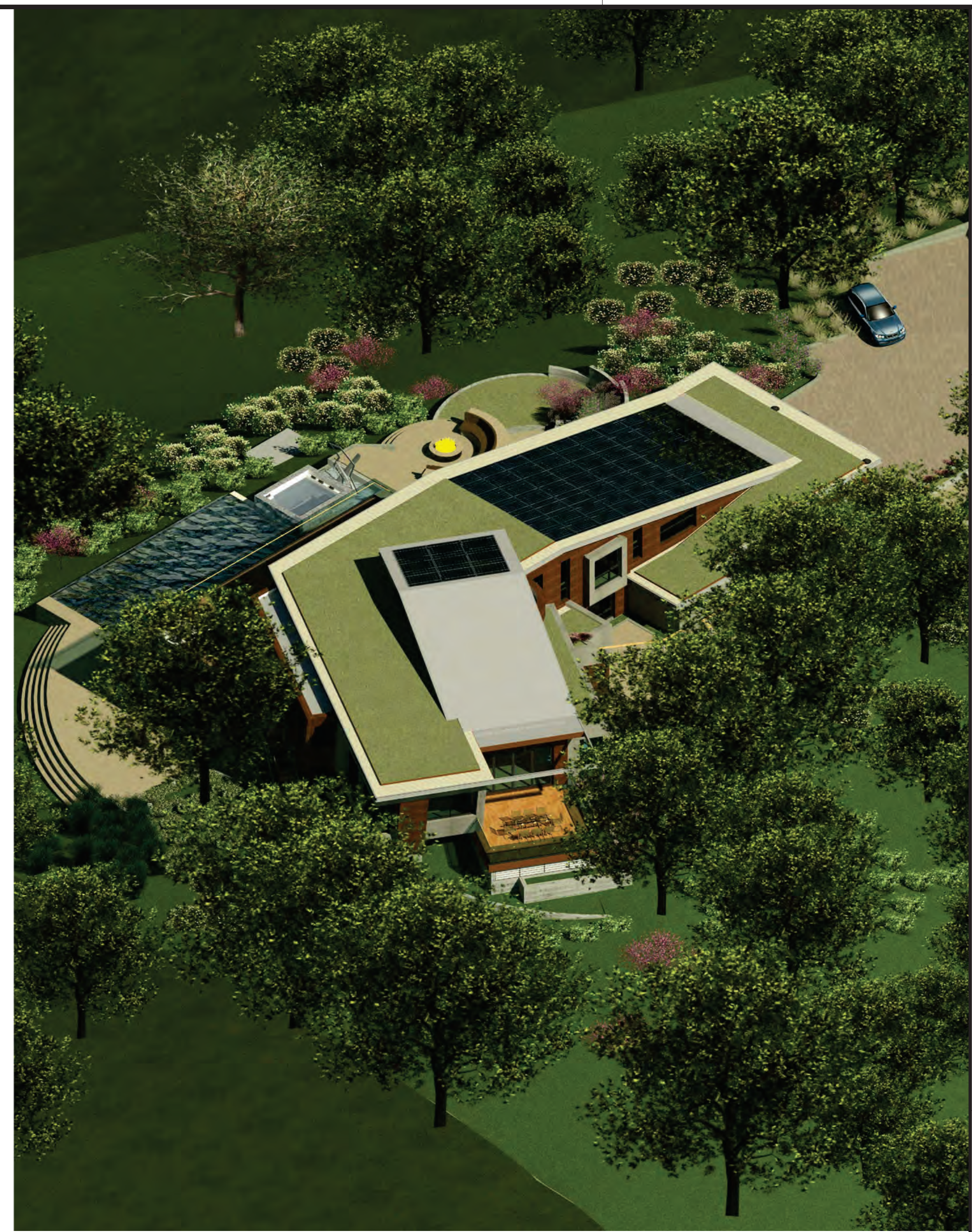
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SHEET TITLE  
**Perspective Views 02**

**A116**  
 SHEET OF



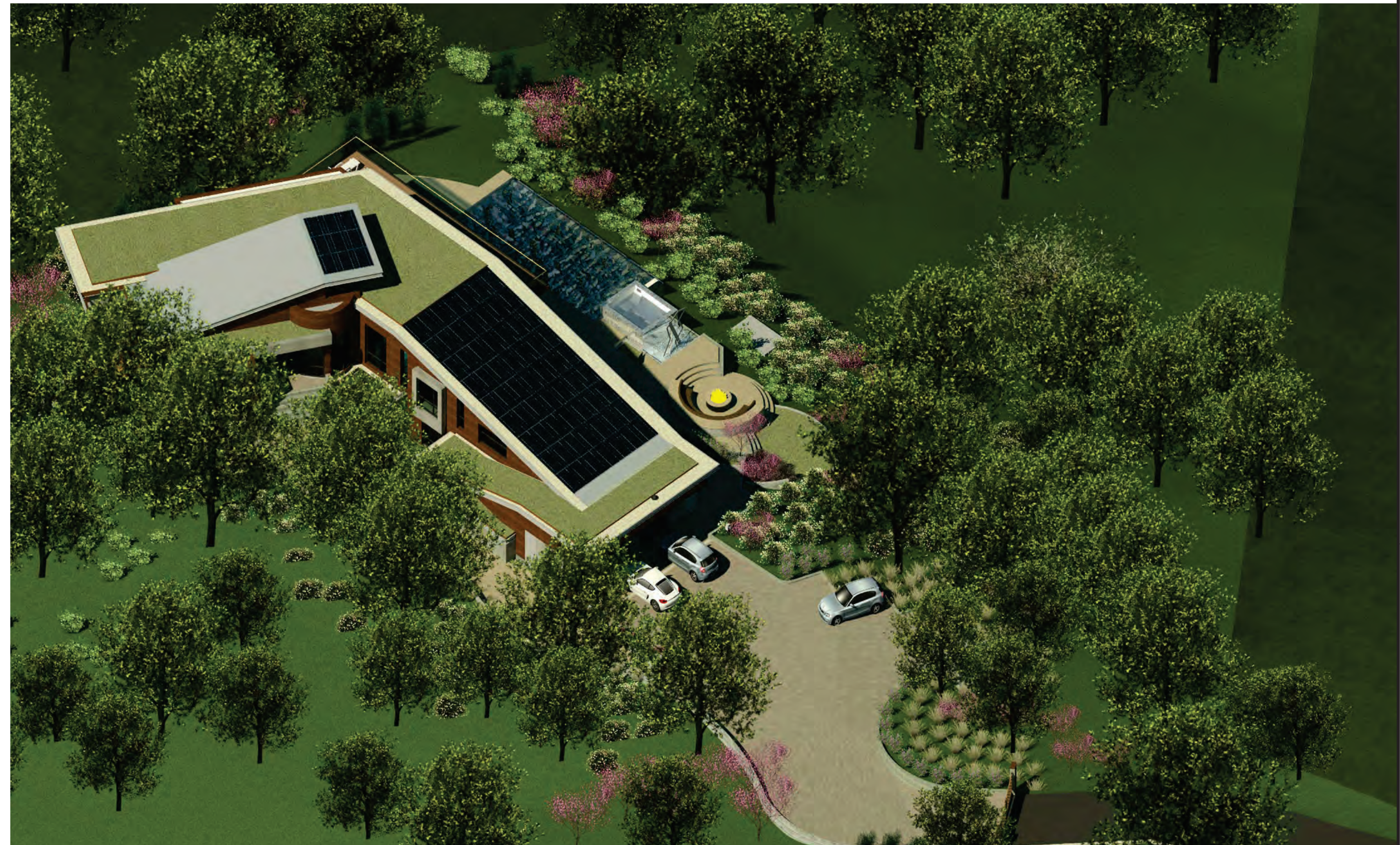
AXONOMETRIC VIEW FROM NORTH EAST



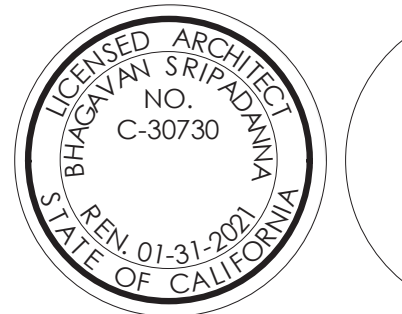
AXONOMETRIC VIEW FROM NORTH WEST



AXONOMETRIC VIEW FROM SOUTH EAST



AXONOMETRIC VIEW FROM SOUTH WEST



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 HARI SRIPADANNA AIA LEED AP  
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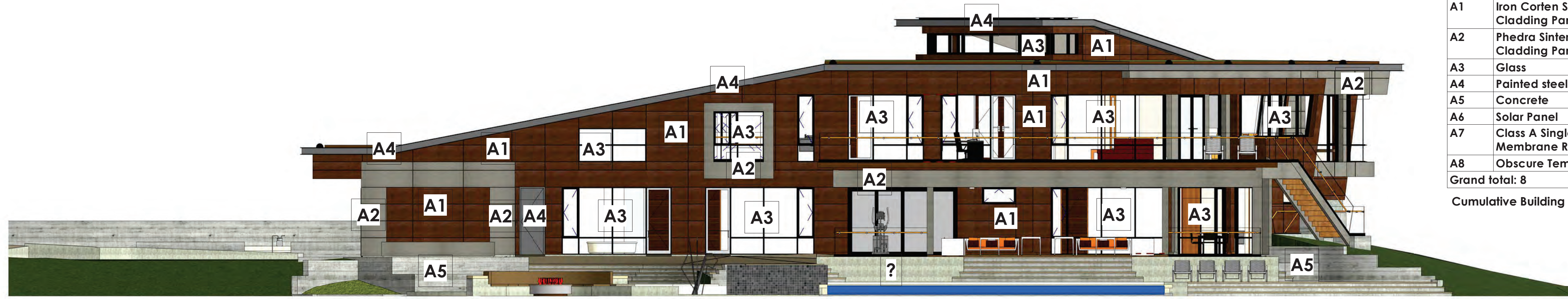
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SHEET TITLE  
**Axonometric Views**

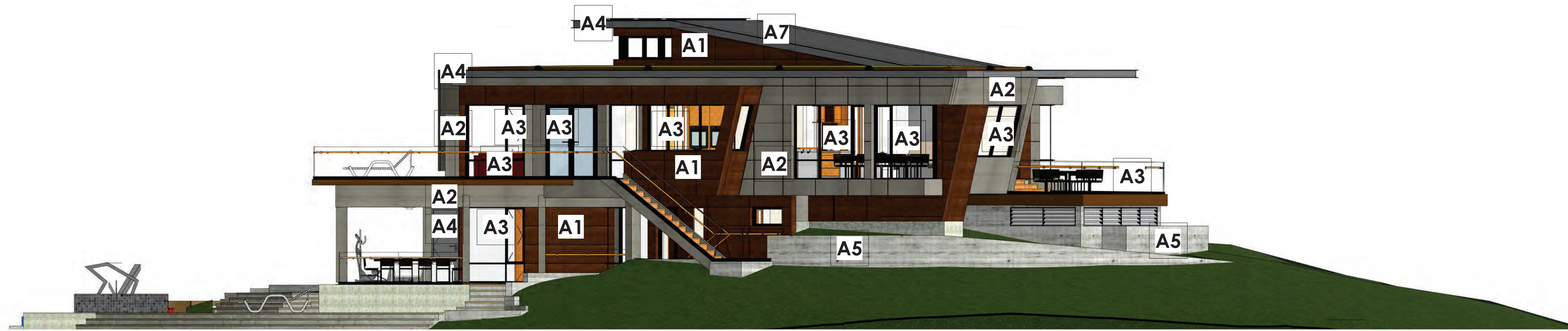
**A117**

SHEET OF

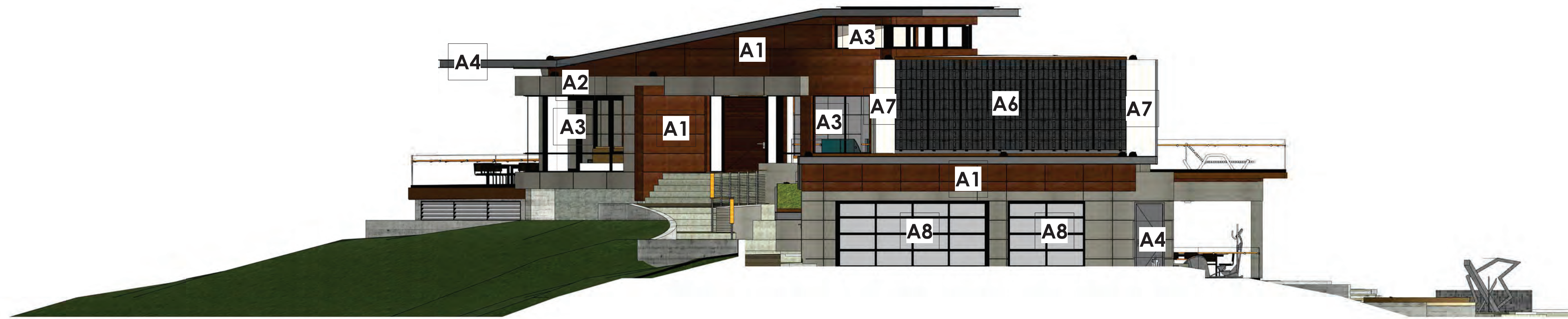
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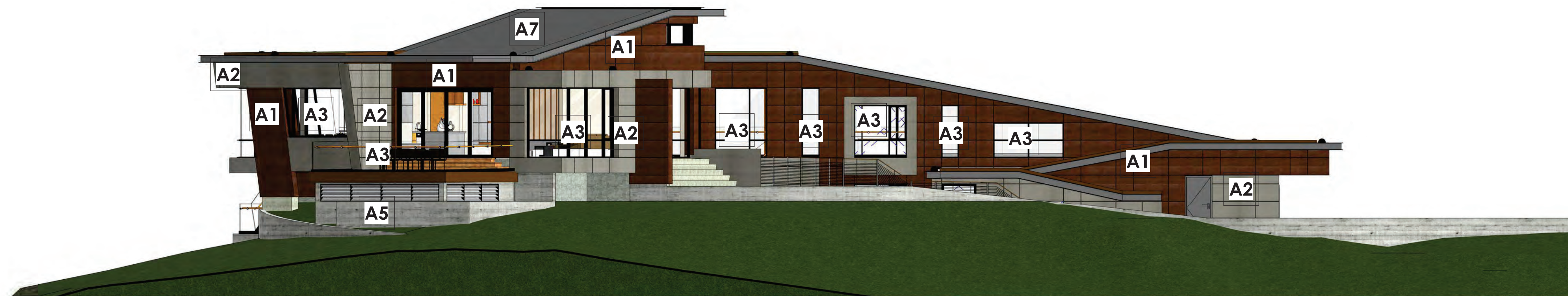
1 East Elevation with Exterior Materials Identified  
1/8" = 1'-0"



2 North Elevation with Exterior Materials Identified  
1/8" = 1'-0"



3 South Elevation with Exterior Materials Identified  
1/8" = 1'-0"



4 West Elevation with Exterior Materials Identified  
1/8" = 1'-0"

LRV table					
Key Name	Material	Total SF of Material	% of total SF	LRV	SF% x LRV
A1	Iron Corten Sintered Stone Cladding Panel	2154 SF	28.28	12.1	342.18
A2	Phedra Sintered Stone Cladding Panel	1228 SF	16.12	17	274.04
A3	Glass	2214 SF	29	11	319
A4	Painted steel	439 SF	5.7	12.64	72.04
A5	Concrete	1027 SF	13.48	13.7	184.67
A6	Solar Panel	232 SF	3	10	30
A7	Class A Single Ply Membrane Roofing	184 SF	2.41	18.1	43.62
A8	Obscure Tempered Glass	138 SF	1.81	20	36.2
Grand total: 8		7616 SF			1301.75

Cumulative Building LRV : 13.01

East Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	759 SF
A2	Phedra Sintered Stone Cladding Panel	303 SF
A3	Glass	964 SF
A4	Painted steel	139 SF
A5	Concrete	471 SF

North Elevation of Materials

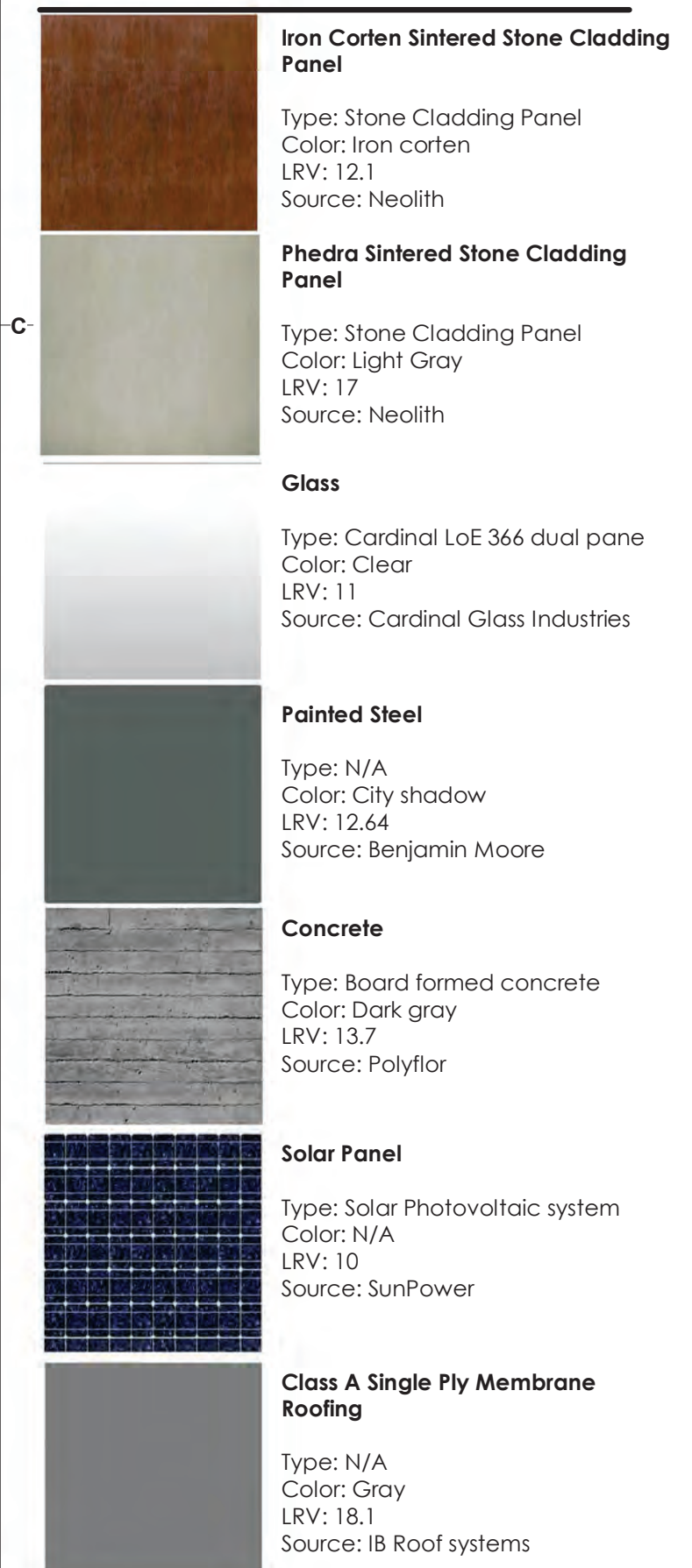
A1	Iron Corten Sintered Stone Cladding Panel	332 SF
A2	Phedra Sintered Stone Cladding Panel	358 SF
A3	Glass	630 SF
A4	Painted Metal	86 SF
A5	Concrete	176 SF
A7	Class A Single Ply Membrane Roofing	49 SF

South Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	364 SF
A2	Phedra Sintered Stone Cladding Panel	248 SF
A3	Glass	224 SF
A4	Painted steel	79 SF
A5	Concrete	78 SF
A6	Solar Panel	232 SF
A7	Class A Single Ply Membrane Roofing	50 SF
A8	Obscure Tempered Glass	138 SF

West Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	699 SF
A2	Phedra Sintered Stone Cladding Panel	319 SF
A3	Glass	396 SF
A4	Painted steel	135 SF
A5	Concrete	302 SF
A7	Class A Single Ply Membrane Roofing	85 SF



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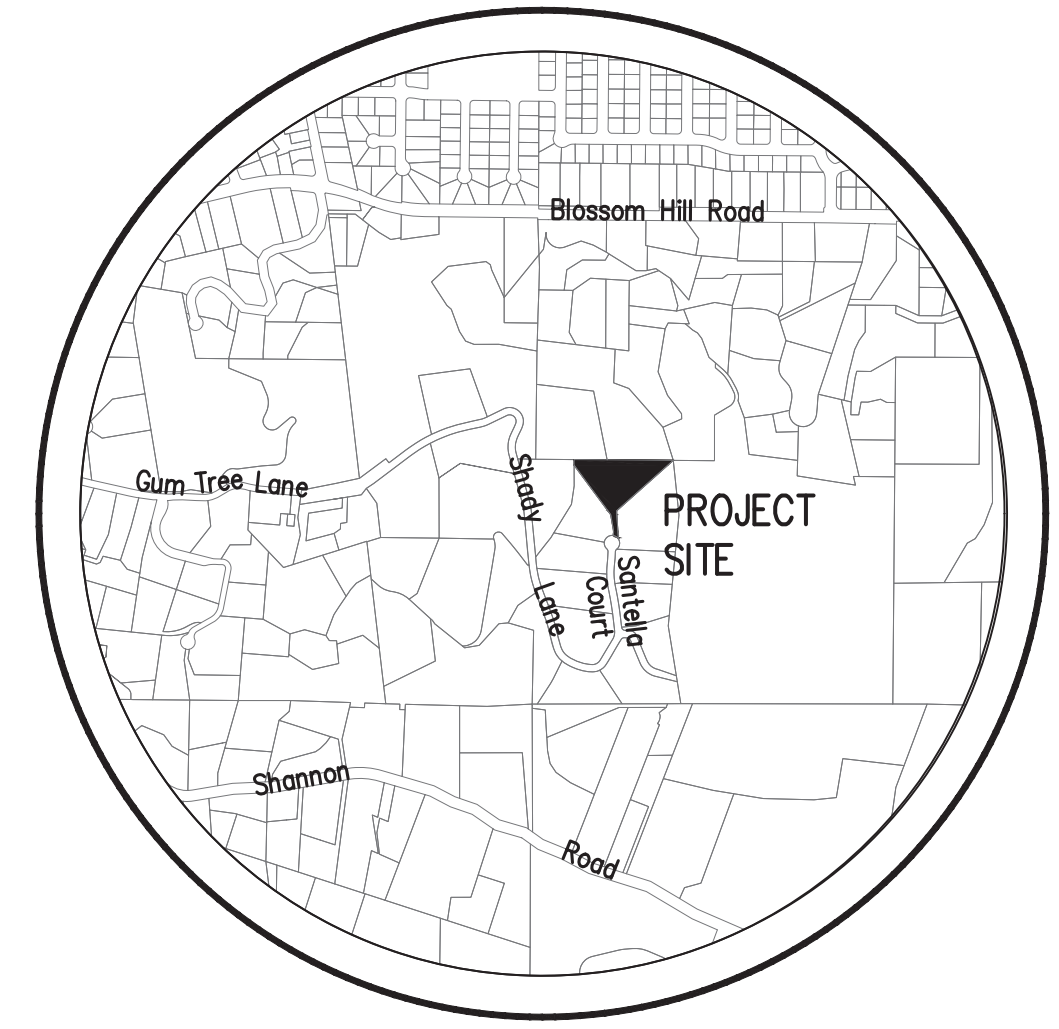
SHEET TITLE

Elevations with  
Exterior Materials  
Identified

**A118**

SHEET OF

# PLAN FOR THE IMPROVEMENT OF GRADING & DRAINAGE PLANS TOWN OF LOS GATOS ARCHITECTURE AND SITE APPLICATION NO. S-18-052



**VICINITY MAP**

**TOWN OF LOS GATOS STANDARD GRADING NOTES**

- ALL WORK SHALL CONFORM TO CHAPTER 12 OF THE CODE OF THE TOWN OF LOS GATOS, THE ADOPTED CALIFORNIA BUILDING CODE AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION EXCEPT AS SPECIFIED OTHERWISE ON THESE PLANS AND DETAILS.
- NO WORK MAY BE STARTED ON-SITE WITHOUT AN APPROVED GRADING PLAN AND A GRADING PERMIT ISSUED BY THE TOWN OF LOS GATOS, PARKS AND PUBLIC WORKS DEPARTMENT LOCATED AT 41 MILES AVENUE, LOS GATOS, CA 95030.
- A PRE-JOB MEETING SHALL BE HELD WITH THE TOWN ENGINEERING INSPECTOR FROM THE PARKS AND PUBLIC WORKS DEPARTMENT PRIOR TO ANY WORK BEING DONE. THE CONTRACTOR SHALL CALL THE INSPECTIONS LINE AT (4080 399-5771) AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY GRADING OR ONSITE WORK. THIS MEETING SHOULD INCLUDE:**
  - A DISCUSSION OF THE PROJECT CONDITIONS OF APPROVAL, WORKING HOURS, SITE MAINTENANCE AND OTHER CONSTRUCTION MATTERS;
  - ACKNOWLEDGEMENT IN WRITING THAT CONTRACTOR AND APPLICANT HAVE READ AND UNDERSTAND THE PROJECT CONDITIONS OF APPROVAL, AND WILL MAKE CERTAIN THAT ALL PROJECT SUB-CONTRACTORS HAVE READ AND UNDERSTAND THEM PRIOR TO COMMENCING WORK AND THAT A COPY OF THE PROJECT CONDITIONS OF APPROVAL WILL BE POSTED ON SITE AT ALL TIMES DURING CONSTRUCTION.
- APPROVAL OF PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR THE CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF, DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS, PUBLIC INTEREST AND SAFETY REQUIRES A MODIFICATION OR DEPARTURE FROM THE TOWN SPECIFICATIONS OR THESE IMPROVEMENT PLANS, THE TOWN ENGINEER SHALL HAVE FULL AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.
- APPROVAL OF THIS PLAN APPLIES ONLY TO THE GRADING, EXCAVATION, PLACEMENT, AND COMPACTION OF NATURAL EARTH MATERIALS. THIS APPROVAL DOES NOT CONFER ANY RIGHTS OF ENTRY TO EITHER PUBLIC PROPERTY OR THE PRIVATE PROPERTY OF OTHERS AND DOES NOT CONSTITUTE APPROVAL OF ANY OTHER IMPROVEMENTS.
- EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE TO BE DISPOSED OF AT APPROVED LOCATION(S).
- IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE OR CONTRACTOR TO IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND FACILITIES. PERMITTEE OR CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-227-2600 A MINIMUM OF FORTY-EIGHT (48) HOURS BUT NOT MORE THAN FOURTEEN (14) DAYS PRIOR TO COMMENCING ALL WORK.
- ALL GRADING SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, CODES, RULES AND REGULATIONS GOVERNING THE WORK IDENTIFIED ON THESE PLANS. THESE SHALL INCLUDE, WITHOUT LIMITATION, SAFETY AND HEALTH RULES AND REGULATIONS ESTABLISHED BY OR PURSUANT TO THE OCCUPATIONAL SAFETY AND HEALTH ACT OR ANY OTHER APPLICABLE PUBLIC AUTHORITY.
- THE GENERAL CONTRACTOR SHALL PROVIDE QUALIFIED SUPERVISION ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
- HORIZONTAL AND VERTICAL CONTROLS SHALL BE SET AND CERTIFIED BY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER QUALIFIED TO PRACTICE LAND SURVEYING, FOR THE FOLLOWING:
  - RETAINING WALL: TOP OF WALL ELEVATIONS AND LOCATIONS (ALL WALLS TO BE PERMITTED SEPARATELY AND APPLIED FOR AT THE TOWN OF LOS GATOS BUILDING DIVISION).
  - TOE AND TOP OF CUT AND FILL SLOPES.
- PRIOR TO ISSUANCE OF ANY PERMIT, THE APPLICANT'S SOILS ENGINEER SHALL REVIEW THE FINAL GRADING AND DRAINAGE PLANS TO ENSURE THAT DESIGNS FOR FOUNDATIONS, RETAINING WALLS, SITE GRADING, AND SITE DRAINAGE ARE IN ACCORDANCE WITH THEIR RECOMMENDATIONS AND THE PEER REVIEW COMMENTS. THE APPLICANT'S SOILS ENGINEER'S APPROVAL SHALL THEN BE CONVEYED TO THE TOWN EITHER BY LETTER OR BY SIGNING THE PLANS.  
REFERENCE REPORT NO. \_\_\_\_\_, DATED \_\_\_\_\_, 20\_\_\_\_  
LETTER NO. \_\_\_\_\_, DATED \_\_\_\_\_, 20\_\_\_\_ SHALL BE THOROUGHLY COMPLIED WITH, BOTH THE MENTIONED REPORT AND ALL UPDATES/ADDENDUMS/ LETTERS ARE HEREBY APPENDED AND MADE A PART OF THIS GRADING PLAN.
- DURING CONSTRUCTION, ALL EXCAVATIONS AND GRADING SHALL BE INSPECTED BY THE APPLICANT'S SOILS ENGINEER. THE ENGINEER SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS BEFORE BEGINNING ANY GRADING. THE ENGINEER SHALL BE ON-SITE TO VERIFY THAT THE ACTUAL CONDITIONS ARE AS ANTICIPATED IN THE DESIGN-LEVEL GEOTECHNICAL REPORT AND/OR PROVIDE APPROPRIATE CHANGES TO THE REPORT RECOMMENDATIONS, AS NECESSARY. ALL UNOBSERVED AND/OR UNAPPROVED GRADING SHALL BE REMOVED AND REPLACED UNDER SOILS ENGINEER OBSERVANCE (THE TOWN INSPECTOR SHALL BE MADE AWARE OF ANY REQUIRED CHANGES PRIOR TO WORK BEING PERFORMED).
- THE RESULTS OF THE CONSTRUCTION OBSERVATION AND TESTING SHOULD BE DOCUMENTED IN AN "AS-BUILT" LETTER/REPORT PREPARED BY THE APPLICANT'S SOILS ENGINEER AND SUBMITTED FOR THE TOWN'S REVIEW AND ACCEPTANCE BEFORE FINAL RELEASE OF ANY OCCUPANCY PERMIT IS GRANTED.
- ALL PRIVATE AND PUBLIC STREETS ACCESSING PROJECT SITE SHALL BE KEPT OPEN AND IN A SAFE, DRIVABLE CONDITION THROUGHOUT CONSTRUCTION. IF TEMPORARY CLOSURE IS NEEDED, THEN FORMAL WRITTEN NOTICE TO THE ADJACENT NEIGHBORS AND THE TOWN OF LOS GATOS PARKS AND PUBLIC WORKS DEPARTMENT SHALL BE PROVIDED AT LEAST ONE (1) WEEK IN ADVANCE OF CLOSURE AND NO CLOSURE SHALL BE GRANTED WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE TOWN. NO MATERIAL OR EQUIPMENT SHALL BE STORED IN THE PUBLIC OR PRIVATE RIGHT-OF-WAY.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN FENCES, BARRIERS, LIGHTS AND SIGNS THAT ARE NECESSARY TO GIVE ADEQUATE WARNING AND/PROTECTION TO THE PUBLIC AT ALL TIMES.
- OWNER/APPLICANT: CHRISTIAN & HELEN OLGAARD      PHONE: 408 505-7715
- GENERAL CONTRACTOR: \_\_\_\_\_      PHONE: \_\_\_\_\_
- GRADING CONTRACTOR: \_\_\_\_\_      PHONE: \_\_\_\_\_
- CUT: ±2,348 CY      EXPORT: ±2,154 CY  
FILL: ±194 CY      IMPORT: 0 CY

- WATER SHALL BE AVAILABLE ON THE SITE AT ALL TIMES DURING GRADING OPERATIONS TO PROPERLY MAINTAIN DUST CONTROL.
- THIS PLAN DOES NOT APPROVE THE REMOVAL OF TREES. APPROPRIATE TREE REMOVAL PERMITS AND METHODS OF TREE PRESERVATION SHALL BE REQUIRED. TREE REMOVAL PERMITS ARE REQUIRED PRIOR TO THE APPROVAL OF ALL PLANS.
- A TOWN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY. A STATE ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN STATE RIGHT-OF-WAY (IF APPLICABLE). THE PERMITTEE AND/OR CONTRACTOR SHALL BE RESPONSIBLE COORDINATING INSPECTION PERFORMED BY OTHER GOVERNMENTAL AGENCIES.
- NO CROSS-LOT DRAINAGE WILL BE PERMITTED WITHOUT SATISFACTORY STORMWATER ACCEPTANCE DEED/FACILITIES. ALL DRAINAGE SHALL BE DIRECTED TO THE STREET OR OTHER ACCEPTABLE DRAINAGE FACILITY VIA A NON-EROSIVE METHOD AS APPROVED BY THE TOWN ENGINEER.
- IT IS THE RESPONSIBILITY OF CONTRACTOR AND/OR OWNER TO MAKE SURE THAT ALL DIRT TRACKED INTO THE PUBLIC RIGHT-OF-WAY IS CLEANED UP ON A DAILY BASIS. MUD, SILT, CONCRETE AND OTHER CONSTRUCTION DEBRIS SHALL NOT BE WASHED INTO THE TOWN'S STORM DRAINS.
- GOOD HOUSEKEEPING PRACTICES SHALL BE OBSERVED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. SUPERINTENDENCE OF CONSTRUCTION SHALL BE DILIGENTLY PERFORMED BY A PERSON OR PERSONS AUTHORIZED TO DO SO AT ALL TIMES DURING WORKING HOURS. THE STORING OF GOODS AND/OR MATERIALS ON THE SIDEWALK AND/OR THE STREET WILL NOT BE ALLOWED UNLESS A SPECIAL PERMIT IS ISSUED BY THE ENGINEERING DIVISION. THE ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE KEPT CLEAR OF ALL JOB RELATED DIRT AND DEBRIS AT THE END OF THE DAY. FAILURE TO MAINTAIN THE PUBLIC RIGHT-OF-WAY ACCORDING TO THIS CONDITION MAY RESULT IN PENALTIES AND/OR THE TOWN PERFORMING THE REQUIRED MAINTENANCE AT THE DEVELOPER'S EXPENSE.
- GRADING SHALL BE UNDERTAKEN IN ACCORDANCE WITH CONDITIONS AND REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION CONTROL PLAN AND/OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE TOWN OF LOS GATOS STORM WATER QUALITY MANAGEMENT PROGRAM, NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AND ANY OTHER PERMITS/REQUIREMENTS ISSUED BY THE STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD. PLANS (INCLUDING ALL UPDATES) SHALL BE ON-SITE AT ALL TIMES. NO DIRECT STORMWATER DISCHARGES FROM THE DEVELOPMENT WILL BE ALLOWED ONTO TOWN STREETS OR INTO THE PUBLIC STORM DRAIN SYSTEM WITHOUT TREATMENT BY AN APPROVED STORM WATER POLLUTION PREVENTION DEVICE OR OTHER APPROVED METHODS. MAINTENANCE OF PRIVATE STORMWATER POLLUTION PREVENTION DEVICES SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER. DISCHARGES OR CONNECTION WITHOUT TREATMENT BY AN APPROVED AND ADEQUATELY OPERATING STORMWATER POLLUTION PREVENTION DEVICE OR OTHER APPROVED METHOD SHALL BE CONSIDERED A VIOLATION OF THE ABOVE REFERENCED PERMIT AND THE TOWN OF LOS GATOS STORMWATER ORDINANCE.

**TOWN OF LOS GATOS NPDES NOTES**

- SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
- STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
- APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILL OR RESIDES SHALL BE IMPLEMENTED TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTY BY WIND OR RUNOFF AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
- RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES AND MUST NOT BE DISCHARGED TO RECEIVING WATERS OR TO THE LOCAL STORM DRAIN SYSTEM.
- ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES (BMPs) AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.
- AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY, ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.
- CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT A STORM DOES NOT CARRY WASTE OR POLLUTANTS OFF OF THE SITE. DISCHARGES OF MATERIAL OTHER THAN STORMWATER (NON-STORMWATER DISCHARGES) ARE PROHIBITED EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT OR THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; WASTES FROM STREET CLEANING; AND SUPERCHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
- DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.

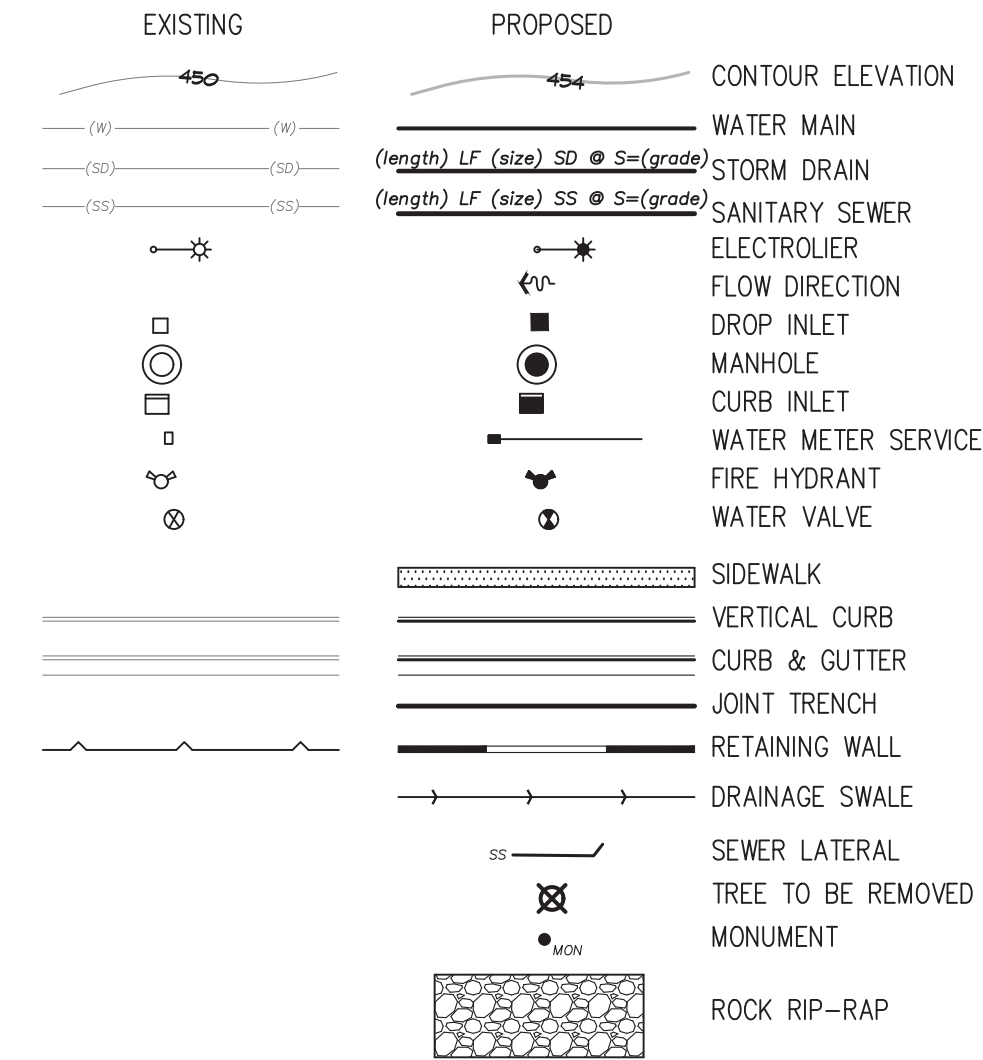
**GENERAL NOTES**

- PROPERTY ADDRESS: 15365 SANTELLA COURT
- PROPERTY OWNER: CHRISTIAN & HELEN OLGAARD
- ASSESSORS PARCEL NUMBER: 527-09-018
- EXISTING USE: VACANT
- EXISTING ZONING: HR-2 1/2 PD
- PROPOSED USE: SINGLE FAMILY RESIDENTIAL
- PROPOSED ZONING: HR-2 1/2 PD
- SITE AREA: 87,475 SQ. FT. (GROSS); DRIVEWAY: 6,797 SQ. FT.; 80,678 SQ. FT. (NET)
- APPLICANT/DEVELOPER: CHRISTIAN & HELEN OLGAARD
- CONSULTANTS:
- WATER SUPPLY: SAN JOSE WATER COMPANY
- SANITARY SEWER DISPOSAL: WEST VALLEY SANITATION DISTRICT
- GAS AND ELECTRIC: PACIFIC GAS & ELECTRIC
- TELEPHONE: FRONTIER COMMUNICATIONS
- CABLE: XFINITY
- STORM DRAIN: TOWN OF LOS GATOS
- FIRE PROTECTION: SANTA CLARA COUNTY FIRE DEPARTMENT
- DATUM:
- BASIS OF BEARINGS: BEARINGS AND DISTANCES ON THESE PLANS ARE BASED ON THE "CERTIFICATE OF LOT LINE ADJUSTMENT" DOCUMENT NO. 22956909; DATED MAY 19, 2015. SANTA CLARA COUNTY RECORDER.
- BENCHMARK INFORMATION: TOPOGRAPHIC SURVEY PROVIDED BY OWNER AND PERFORMED BY OTHERS. PROJECT BENCHMARK SET IN CULDESAC OF SANTELLA COURT A NAIL AND SHINER AT ELEVATION OF 721.01 FEET.

TABLE OF PROPOSED PERVIOUS AND IMPERVIOUS AREAS				
TOTAL SITE AREA:	TOTAL SITE AREA DISTURBED: 24,043 SF (INCLUDING CLEARING, GRADING OR EXCAVATING)			
87,475 SF	EXISTING AREA (SF)	PROPOSED AREA (SF)	TOTAL AREA POST-PROJECT (SF)	
		REPLACED	NEW	
	0	0	16,957	16,957
	IMPERVIOUS AREA		16,957	
	TOTAL NEW & REPLACED IMPERVIOUS AREA		16,957	
	PERVIOUS AREA		0	
	88,135			

TABLE OF PROPOSED EARTHWORK QUANTITIES					
AREA DESCRIPTION	CUT (CY)	MAX CUT HEIGHT (SF)	FILL (CY)	MAX FILL DEPTH (SF)	EXPORT (CY)
HOUSE FOOTPRINT	±771	8.0	0	0	±771
CELLAR	N/A		N/A		
ATTACHED GARAGE	±253	7.9	0	0	±253
ACCESSORY BUILDING	N/A		N/A		
POOL	±189	11.8	0	0	±189
DRIVEWAY / ACCESS	±472	2.6	±121	2.5	±351
LANDSCAPE / OUTDOOR	±663	4	±73	3	±590
<b>TOTAL</b>	<b>±2,348</b>		<b>±194</b>		<b>±2,154</b>

**LEGEND**



**SHEET INDEX**

- C1 TOWN NOTES, PROJECT DATA LEGEND & ABBREVIATIONS
- C2 BLUEPRINT FOR A CLEAN BAY SHEET
- C3 EXISTING TOPOGRAPHY PLAN
- C4 SITE PLAN
- C5 DRIVEWAY PLAN & PROFILE
- C6 GRADING & DRAINAGE PLAN
- C7 SECTION AND DETAILS
- C8 EROSION CONTROL PLAN

**ABBREVIATIONS**

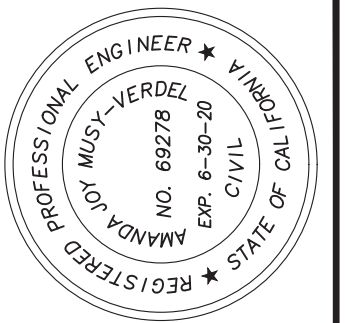
AB	AGGREGATE BASE	G	GAS	RCP	REINFORCED CONCRETE PIPE
AC	ASPHALT CONCRETE	GA	GAUGE	RM	RIM ELEVATION
AD	AREA DRAIN	GB	GRADE BREAK	R/W	RIGHT-OF-WAY
ARV	AIR RELEASE VALVE	GM	GAS METER	(S)	SOUTH
BC	BACK OF CURB	GS	GAS SERVICE	S	SLOPE
BF	BACKFLOW PREVENTER	HDPE	HIGH-DENSITY POLYETHYLENE	SCC	SANTA CLARA COUNTY
BW	BOTTOM OF WALL	HP	HIGH POINT	SCCFD	SANTA CLARA COUNTY FIRE DEPARTMENT
CATV	CABLE TELEVISION	IE	INGRESS/EGRESS EASEMENT	SD	STORM DRAIN
CB	CATCH BASIN	IN	INCH	SDCO	STORM DRAIN CLEANOUT
CFB	CUBIC FEET PER SECOND	INV	INVERT ELEVATION	SDE	STORM DRAIN EASEMENT
C/L	CENTERLINE	LAT	LATERAL	SDMH	STORM DRAIN MANHOLE
CMP	CORRUGATED METAL PIPE	LG	LIP OF GUTTER	SDR	STANDARD DIMENSION RATIO
CO	CLEANOUT	LP	LOW POINT	SF	SQUARE FEET
CY	CUBIC YARD	MAX	MAXIMUM	SIWC	SAN JOSE WATER COMPANY
DCVA	DOUBLE CHECK VALVE ASSEMBLY	MH	MANHOLE	SS	SANITARY SEWER
DI	DROP INLET	MIN	MINIMUM	SSCO	SANITARY SEWER CLEANOUT
DIA	DIAMETER	MPH	MILES PER HOUR	SSE	SANITARY SEWER EASEMENT
DP	DUCTILE IRON PIPE	(N)	NORTH	SSMH	SANITARY SEWER MANHOLE
DWY	DRIVEWAY	N.T.S.	NOT TO SCALE	STD	STANDARD
(E)	EAST	O.C.	ON CENTER	S/W	SIDEWALK
EG	EXISTING GRADE	O.D.	OUTSIDE DIAMETER	TC	TOP OF CURB
ELEC	ELECTRICAL	PAD	PAD ELEVATION	TELE	TELEPHONE
EP	EDGE OF PATH	PCC	PORTLAND CEMENT CONCRETE	TLG	TOWN OF LOS GATOS
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT	PERF	PERFORATED	TW	TOP OF WALL
EX	EXISTING	PG&E	PACIFIC GAS & ELECTRIC COMPANY	TYP	TYPICAL
FC	FACE OF CURB	PIE	PRIVATE INGRESS/EGRESS EASEMENT	VCP	VITRIFIED CLAY PIPE
FCD	FIRE DEPARTMENT CONNECTION	PL	PROPERTY LINE	(W)	WEST
FF	FINISHED FLOOR ELEVATION	PR	PROPOSED	W	WATER
FG	FINISHED GRADE	PSDE	PRIVATE STORM DRAIN EASEMENT	WM	WATER METER
FL	FIRE HYDRANT	PSE	PUBLIC SERVICE EASEMENT	WS	WATER SERVICE
FL	FLOW LINE	PSSE	PRIVATE SANITARY SEWER EASEMENT	WV	WATER VALVE
FM	FORCED MAIN	PUE	PUBLIC UTILITY EASEMENT	WVS	WEST VALLEY SANITATION DISTRICT
FS	FIRE SERVICE	PVC	POLYVINYL CHLORIDE	XING	CROSSING
FT	FEET	R	RADIUS		

**FLOODZONE STATEMENT**

COMMUNITY PANEL NUMBER: 06085C0377H  
MAP REVISED: MAY 18, 2009

PROJECT IS LOCATED IN ZONE X

ZONE X  
AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.



DATE:	OCTOBER 22, 2019
SCALE:	AS SHOWN
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM
PROJECT NO.:	18080

PLAN FOR THE IMPROVEMENT OF  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**TOWN NOTES, PROJECT DATA, LEGEND & ABBREVIATIONS**  
ARCHITECTURE AND SITE APPLICATION NO. S-18-052  
PARKS AND PUBLIC WORKS DEPARTMENT  
TOWN OF LOS GATOS

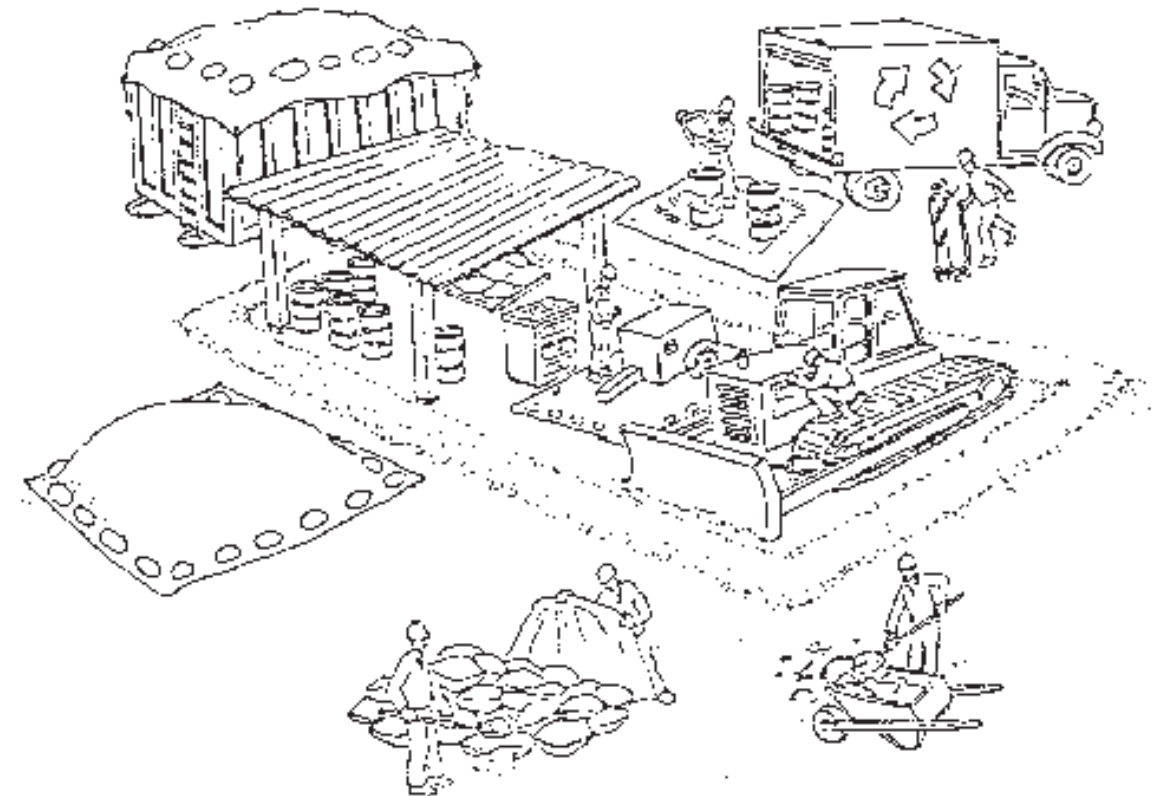
**HANNA-BRUNETTI**  
EST. 1970  
CIVIL ENGINEERS • LAND SURVEYORS  
CONSTRUCTION MANAGERS  
7651 EGGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
OFFICE (408) 842-2173 • FAX (408) 842-2662  
EMAIL: ENGINEERING@HANNABRUNETTI.COM

DATE	BY	REVISIONS

# Pollution Prevention — It's Part of the Plan

## Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with local ordinance requirements.



### Materials storage & spill cleanup

#### Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

#### Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

#### Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain. Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Report any hazardous materials spills immediately! Dial 911 or your local emergency response number.

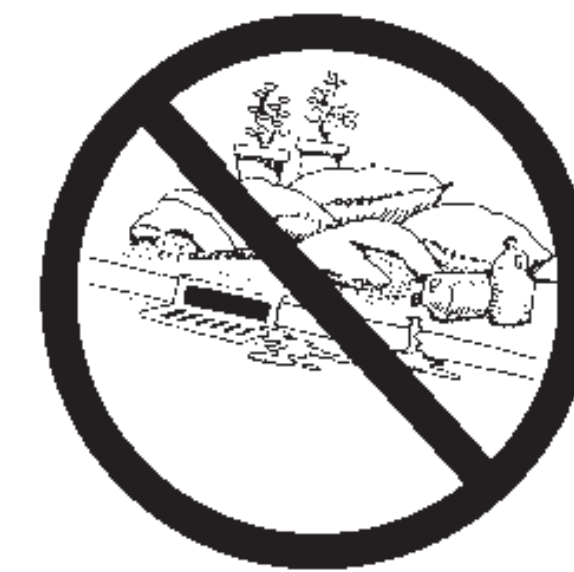
### Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinsewater to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



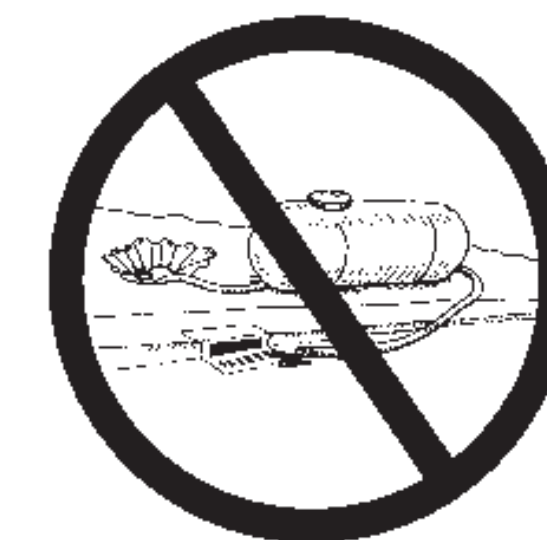
### Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it is least likely to collect in the street. Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use hay bales, silt fences, or other control measures to minimize the flow of silt off the site.
- ✓ Avoid scheduling earth moving activities during the rainy season if possible. If grading activities during wet weather are allowed in your permit, be sure to implement all control measures necessary to prevent erosion.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place hay bales down-slope until soil is secure.
- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call your local fire department for help in determining what testing should be done.
- ✓ Manage disposal of contaminated soil according to Fire Department instructions.



### Dewatering operations

- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call your city's storm drain inspector before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing to do and to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



### Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, hay bales, sand bags, or fine gravel dams to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.

### Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow on to dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.
- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.



### Paving/asphalt work

- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with hay bales, sand bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.



### Painting

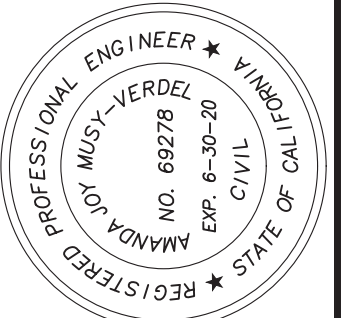
- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.



CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR OBTAINING ALL NECESSARY PERMITS AND COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND ORDINANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND ORDINANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND ORDINANCES.

**BASMAA** Bay Area Stormwater Management  
Agencies Association (BASMAA)  
1-888-BAYWISE

Storm drain polluters may be liable for fines of up to \$10,000 per day!



DATE: OCTOBER 22, 2019  
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PROJECT NO.: 18080

GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
15365 SANTELLA COURT - APN 527-09-018  
**BLUEPRINT FOR A CLEAN BAY**  
ARCHITECTURE AND SITE APPLICATION NO. 5-18-052  
TOWN OF LOS GATOS  
PARKS AND PUBLIC WORKS DEPARTMENT

**HANNA BRUNETTI**  
EST. 1970  
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EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	DATE

SHEET C2 OF 8



CONTRACTOR AGREES THAT THE DESIGN ASSUMPTIONS, USES AND COMPLETE RESPONSIBILITY FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS;

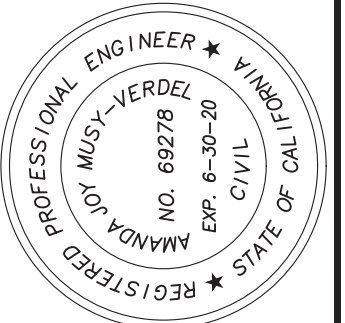
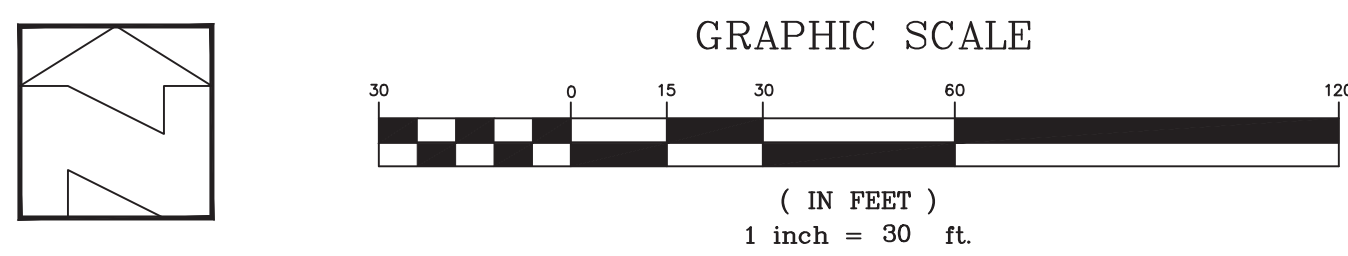
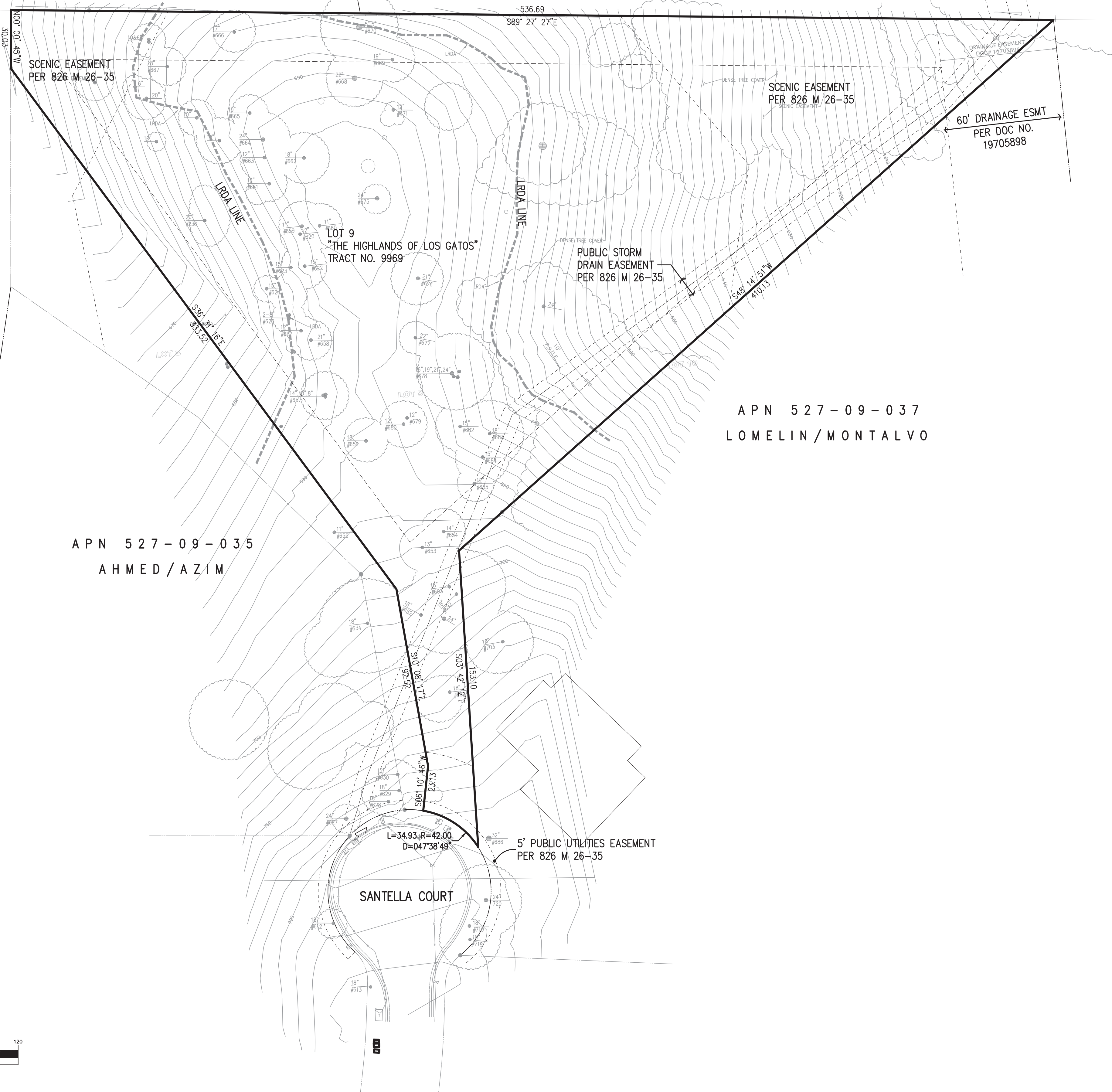
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MAYER

APN 527-11-009  
MOFFAT

APN 527-11-008  
RUSSELL

APN 527-09-035  
AHMED/AZIM

APN 527-09-037  
LOMELIN/MONTALVO



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GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**EXISTING TOPOGRAPHY**  
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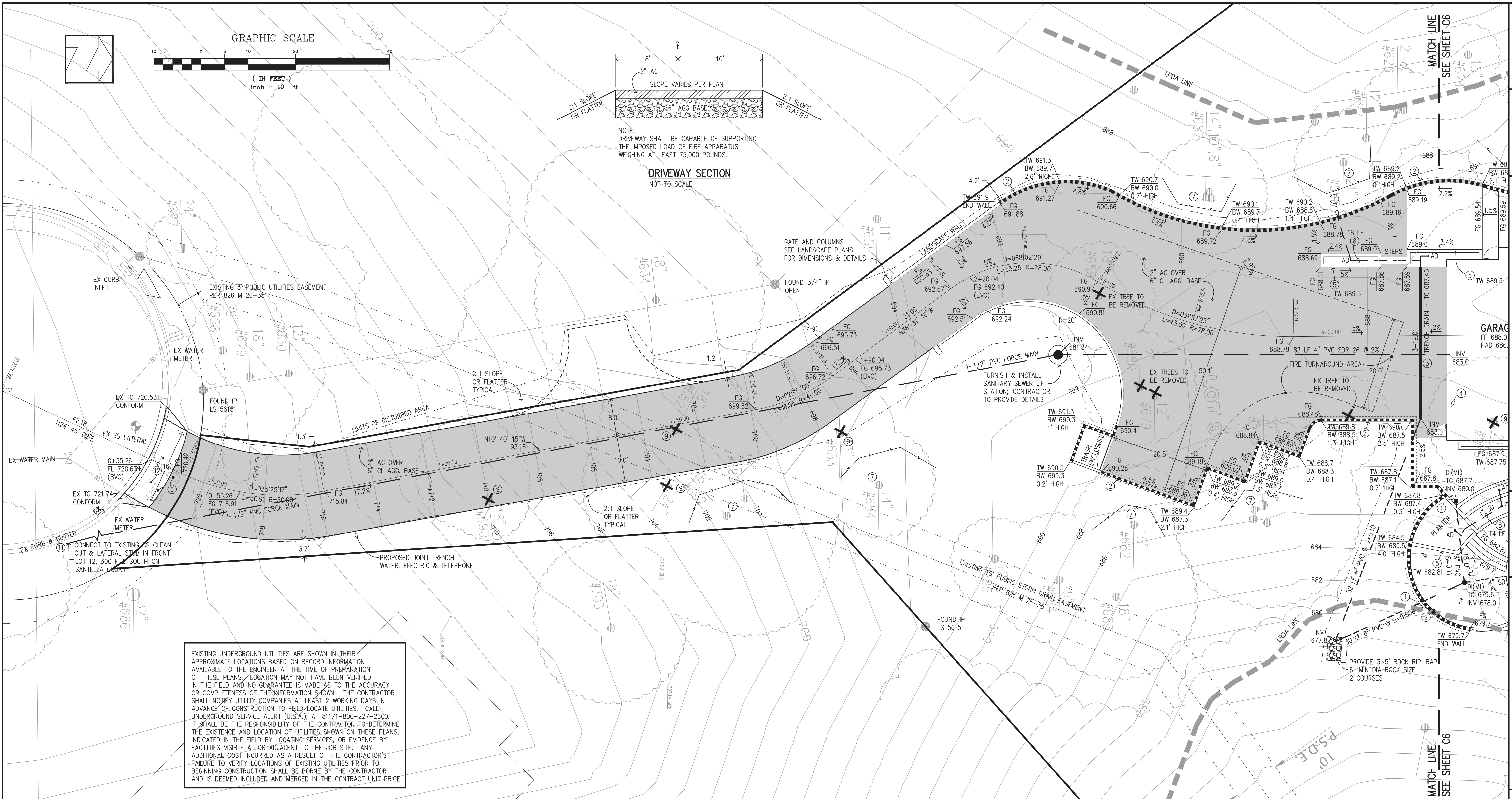
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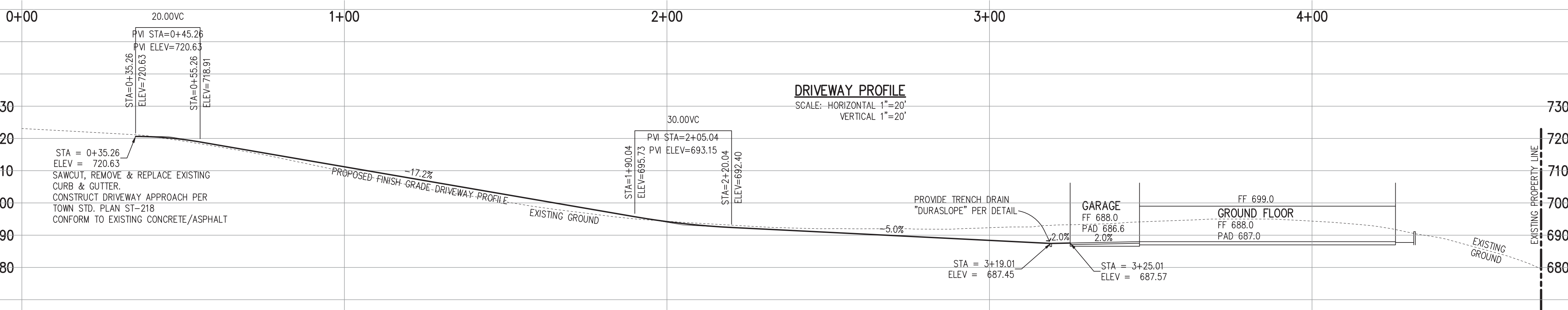
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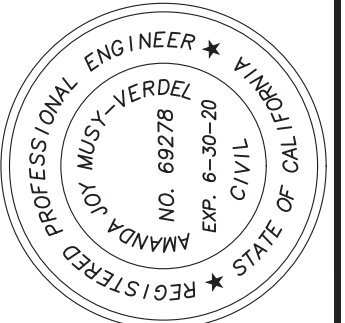
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EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED ON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATION MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD-LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 811/1-800-227-2600. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THESE PLANS, INDICATED IN THE FIELD BY LOCATING SERVICES, OR EVIDENCE BY FACILITIES VISIBLE AT OR ADJACENT TO THE JOB SITE. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR AND IS DEEMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.



- CONSTRUCTION NOTES**
- CONNECT RETAINING WALL SUBDRAIN TO NEW STORM DRAIN SYSTEM; TYPICAL
  - CONSTRUCT RETAINING WALL; SEE STRUCTURAL PLANS FOR DIMENSIONS AND DETAILS; TYPICAL
  - FURNISH & INSTALL TRENCH DRAIN "DURASLOPE"; SEE SHEET C7 FOR DETAIL OR APPROVED EQUAL
  - JOINT TRENCH TO HOUSE; WATER, GAS, ELECTRIC & TELEPHONE
  - PLANTER; SEE LANDSCAPE PLANS FOR DETAILS TOP OF PLANTER PER LANDSCAPE PLAN
  - EXISTING UTILITY BOXES; ADJUST TO NEW FINISH GRADE AND UPGRADE TO TRAFFIC RATED LID
  - EXISTING TREE TO REMAIN; PROVIDE TREE PROTECTION PER DETAIL SEE SHEET C4
  - NEW 4" PVC STORM DRAIN PIPE AT MINIMUM 0.5 PERCENT SLOPE
  - EXISTING TREE TO BE REMOVED
  - PROPOSED OUTDOOR SHOWER AREA PLUMBING TO BE CONNECTED TO MAIN HOUSE PLUMBING FOR WATER SUPPLY AND DRAINAGE. SEE PLUMBING PLANS FOR DETAILS.
  - FURNISH & INSTALL 1.5" PVC FORCE MAIN ALONG SANTELLA COURT TO EX CLEANOUT LOCATED 300 FT± SOUTH
  - SAWCUT, REMOVE & REPLACE EXISTING SECTION OF CURB & GUTTER CONSTRUCT 16" WIDE DRIVEWAY APPROACH PER TOWN STD. PLAN NO. ST-219; CONFORM TO EXISTING CONCRETE/ASPHALT.



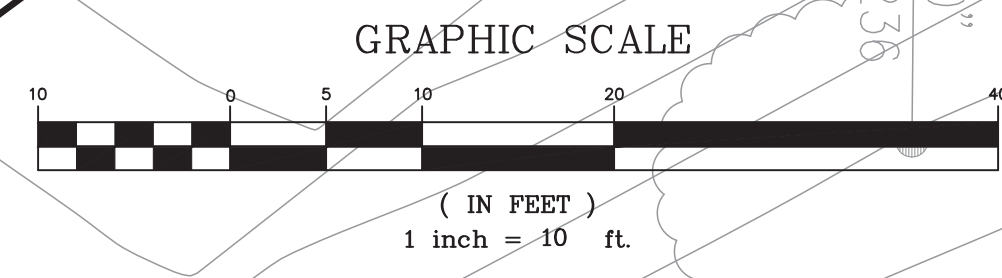
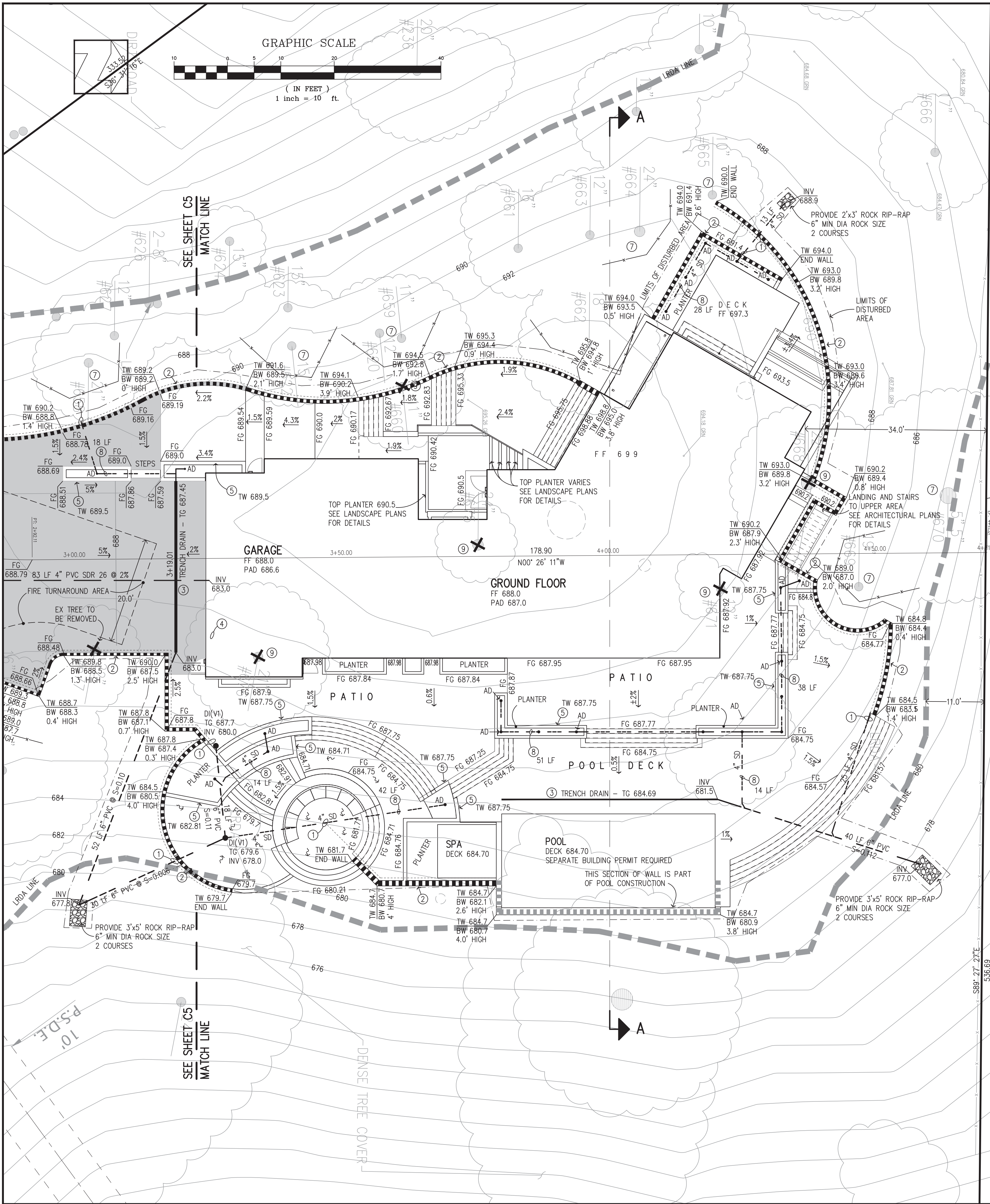
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 PROJECT NO.: 18080

**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**DRIVEWAY PLAN & PROFILE**  
 ARCHITECTURE AND SITE APPLICATION NO. S-18-052  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT

**HANNA BRUNETTI**  
 EST. 1980  
 CIVIL ENGINEERS • LAND SURVEYORS  
 CONSTRUCTION MANAGERS  
 7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
 OFFICE (408) 842-2173 • FAX (408) 842-2662  
 EMAIL: ENGINEERING@HANNABRUNETTI.COM

DATE	REVISIONS

CONTRACTOR AGREES TO THE SPECIAL ASSUMPTIONS, SCOPE AND COMPLETE RESPONSIBILITY FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT FOR LIABILITY INSURANCE IS NOT LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL MAINTAIN, THROUGHOUT THE PROJECT, SUFFICIENT LIABILITY INSURANCE TO COVER THE FULL REQUIREMENT OF THE OWNER AND THE ENGINEER.



**Slope Density of Proposed Developed Area**

$$S = \frac{0.0023 (I \times L)}{A}$$

S = the slope density  
 I = the contour interval in feet = 1 ft  
 L = the sum length of contour lines in feet = 25,080  
 A = the area in acres = 1.85

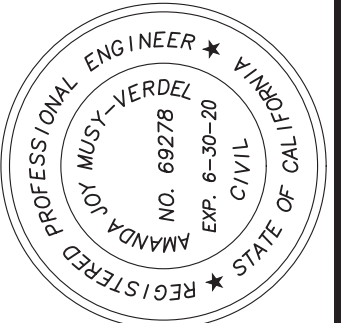
$$S = \frac{0.0023 (1 \times 25080)}{1.85} = 31.18\%$$

**CONSTRUCTION NOTES**

1. CONNECT RETAINING WALL SUBDRAIN TO NEW STORM DRAIN SYSTEM; TYPICAL
2. CONSTRUCT RETAINING WALL; SEE STRUCTURAL PLANS FOR DIMENSIONS AND DETAILS; TYPICAL
3. FURNISH & INSTALL TRENCH DRAIN "DURASLOPE"; SEE SHEET C7 FOR DETAIL OR APPROVED EQUAL
4. JOINT TRENCH TO HOUSE; WATER, GAS, ELECTRIC & TELEPHONE
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**NOTES**

1. AREA DRAINS (AD) FOR PLANTER AREAS SHALL BE CONNECTED TO STORM DRAIN SYSTEM WITH 4" PVC STORM DRAIN PIPE (4" SD) AT A MINIMUM OF 0.5 PERCENT SLOPE WITH MINIMUM 18 INCH OF COVER.
2. CONNECT RAINWATER LEADERS TO STORM DRAIN SYSTEM OR DRAIN TO SPLASH BLOCKS INTO LANDSCAPE AREAS.
3. PROVIDE SANITARY SEWER LIFT STATION AND FORCE MAIN TO MANHOLE/LATERAL IN STREET. CONTRACTOR TO PROVIDE DETAILS AND SPECIFICATIONS TO TOWN.
4. HARDSCAPE (FRONT ENTRANCE, PATIO AND POOL DECK AREA): 4" CONCRETE OVER 4" GRAVEL OR PER OWNER'S DIRECTION
5. HOUSE OUTLINE SHOWN FOR REFERENCE ONLY; PRIOR TO CONSTRUCTION STAKING VERIFY WITH ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
6. RETAINING WALL SUBDRAINS TO EITHER CONNECT TO NEW STORM DRAIN SYSTEM OR DRAIN TO DAYLIGHT WITH ROCK RIP-RAP AT END OF PIPE.



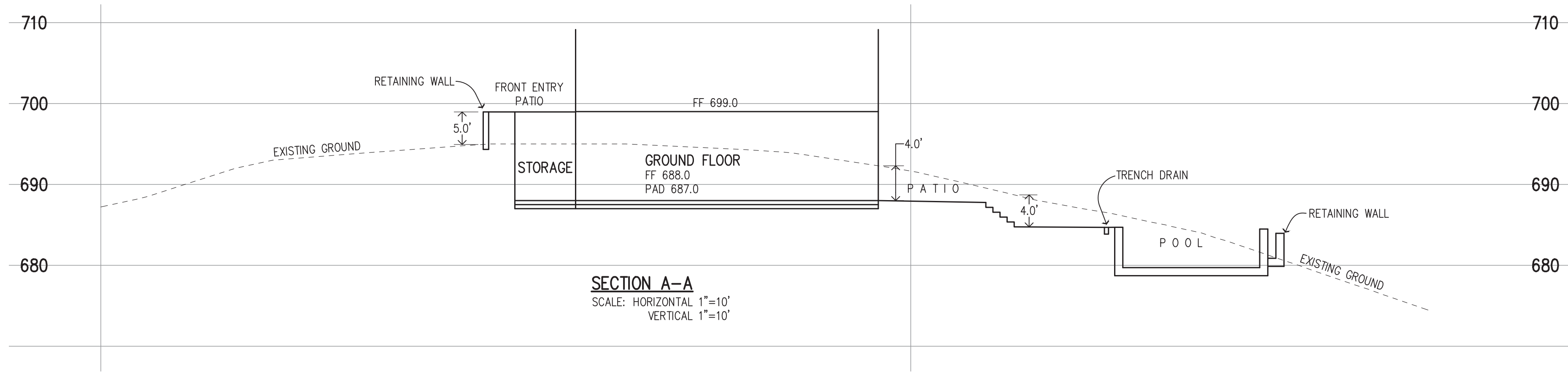
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**NDS**

**DURA SLOPE™ TRENCH DRAIN – PRE-SLOPED (PATENTED)**

**Product Features & Benefits**

**Interlocking tongue and groove joints**

- Secures alignment
- Ensures straight channel runs
- Easy assembly and installation

**DuraLoc™ Integral joint lock**

- Prevents joint movement during installation
- No extra clamps or screws needed

**Various grating options**

- ADA compliant, Heat-Proof options
- Plastic grates
- Array of colors
- Pedestrian and light traffic rated
- Galvanized & stainless steel
- Pedestrian & heavy traffic rated
- Chair & ductile iron
- Class II heavy traffic rated (with frame)
- Decorative grates (due file, hon)
- Standard black electrocoat coating or new top Class II traffic rated

**Lightweight 4 ft. modular sections**

- Easier handling and installation
- Lower freight costs

**Blank grate insert**

- Eliminates use of plywood
- Slides for overlapping of adjacent sections
- Includes grate screws

**Smooth HDPE interior**

- Virtually no water absorption

**HDPE material**

- Durable
- Impervious
- Less leakage versus concrete
- Chemical resistant

**0.7% Built-in slope**

- Maintains optimum flow rates throughout system
- Also available in neutral, non-sloped sections
- Thickened end joints available in depths from 4" to 12"

**Bottom outlet on each channel section**

- System versatility
- Repairs fewer sections

**2" radius bottom**

- Minimizes debris build-up

**DuraLoc™ re-bar supports with integral protruding knob**

- Levels channel and grips re-bar
- Requires fewer accessories

**ProFit™ locking system**

- Locks grate to metal frame
- Supports product in shipping and installation (included)

Product Catalog 2016/2017

**Christy** **V1 Drain Box 8-5/8" I.D. x 12"**

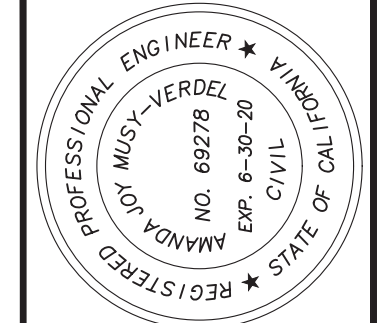
- Etched Polyethylene Face
- Face Anchored in Concrete
- Ultraviolet Inhibitor

A reinforced concrete dual purpose box designed for either light purpose drainage installations or enclosing sewer cleanouts in foot traffic areas. Tapered shoulders prevent settling. Notch accommodates up to approximately 4" O.D. pipe or drain tile. Approximate dimensions shown.

CHRISTY ORDERING CODE	ITEM	APPROX. SHIPPING WEIGHT	DESCRIPTION
V1BOX	Drain Box	45	V1 Drain Box (8-1/2" I.D. x 11-3/4" high) — 24 Per Pallet
FBC	Lid	9	D210 Reinforced Concrete
FBC	Lid	7	C210 Cast Iron
V1-71C	Grate	10	71C213 Cast Iron

TO FIND CENTIMETERS MULTIPLY INCHES BY 2.5  
TO FIND KILOGRAMS MULTIPLY POUNDS BY .45

QUALITY PRECAST CONCRETE PRODUCTS



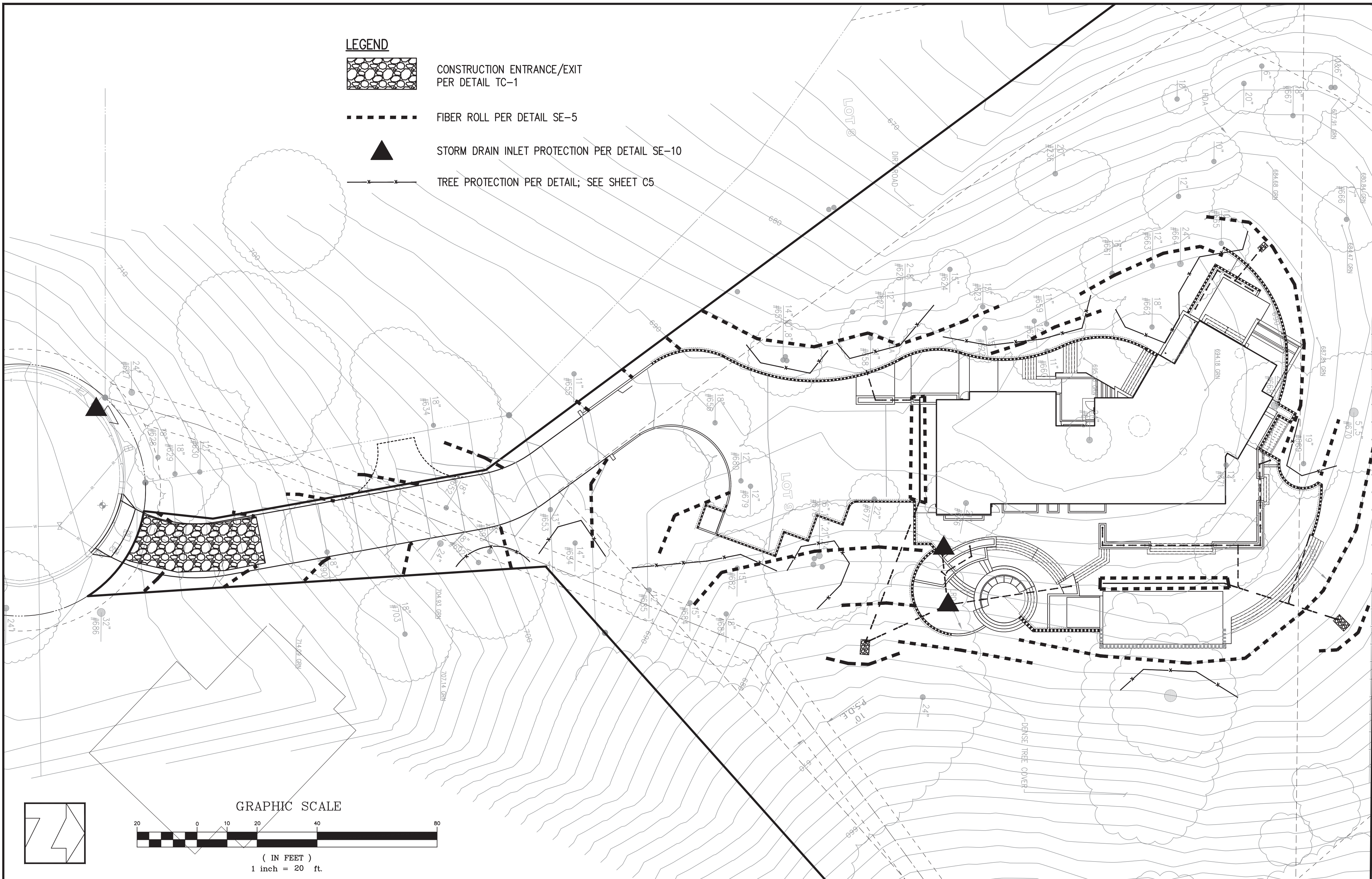
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SCALE: 1"=10'  
DESIGN: AM  
DRAWN: TM  
CHECK: XX  
ENGR: AM  
PROJECT NO.: 18080

GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**SECTION AND DETAILS**  
ARCHITECTURE AND SITE APPLICATION NO. S-18-052  
TOWN OF LOS GATOS  
PARKS AND PUBLIC WORKS DEPARTMENT

**HANNA-BRUNETTI**  
EST. 1970  
CIVIL ENGINEERS • LAND SURVEYORS  
CONSTRUCTION MANAGERS  
7651 EGGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
OFFICE (408) 842-2173 • FAX (408) 842-2862  
EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	DATE	BY

CONTRACTOR AGREES THAT THE DESIGN ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE CONTINUOUS AND NOT LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE CONTINUOUS AND NOT LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE CONTINUOUS AND NOT LIMITED TO NORMAL WORKING HOURS.



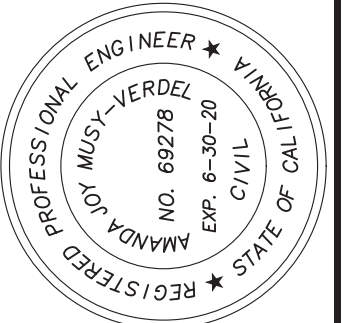
**EROSION CONTROL NOTES**

- EROSION CONTROL MEASURES SHALL BE EFFECTIVE FOR CONSTRUCTION DURING THE RAINY SEASON; OCTOBER 15 THROUGH APRIL 15.
- NO STORM WATER RUNOFF SHALL BE ALLOWED TO DRAIN INTO THE EXISTING AND/OR PROPOSED UNDERGROUND STORM SYSTEM UNTIL SUITABLE EROSION CONTROL MEASURES ARE FULLY IMPLEMENTED. NO STORM WATER RUNOFF SHALL BE ALLOWED TO ENTER THE STORM DRAIN SYSTEM THAT IS NOT CLEAR, AND FREE OF SILTS.
- A FIBER ROLL BARRIER PER "DETAIL SE-5" SHALL BE INSTALL ALONG THE PERIMETER OF THE PROJECT SITE. THE LOCATION OF THE FIBER ROLL ALONG THE PERIMETER SHALL BE ADJUSTED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. A FIBER ROLL SHALL ALSO BE REQUIRED AROUND THE PERIMETER OF ANY STOCKPILE OR OTHER SITE OF BARE, LOOSE EARTH.
- ALL STORM DRAIN MANHOLES, CATCH BASINS, AND/OR DROP INLETS THAT ARE TO ACCEPT STORM WATER SHALL HAVE INLET PROTECTION MEASURES PER DETAIL SE-10. STORM WATER RUNOFF SHALL BE DIRECTED TO THESE INLETS ONLY. STORM DRAIN CATCH BASINS THAT ARE NOT COMPLETE, SHALL BE BLOCKED OFF COMPLETELY.
- THE NAME, ADDRESS, AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR THE IMPLEMENTATION OF THE EROSION CONTROL PLAN SHALL BE PROVIDED TO THE CITY.
- PRIOR TO GRADING, AN ENTRANCE SHALL BE CONSTRUCTED, CONSISTING OF A MINIMUM OF 50 LF OF DRAIN ROCK, 3" IN DIAMETER, PLACED OVER MIRAFI 500X (OR EQUAL) PER DETAIL TC-1. THE ENTRANCE SHALL CONFORM TO "CONSTRUCTION ENTRANCE DETAIL TC-1". THERE SHALL BE ONLY ONE ENTRANCE/EXIT POINT TO THE SITE DURING THE RAINY SEASON. THE LOCATION SHALL BE AS SHOWN ON THESE PLANS, OR AT A LOCATION APPROVED BY THE CITY.
- ALL AREAS OF BARE, TURNED OR DISTURBED EARTH SHALL BE STABILIZED BY USE OF HYDROSEED PER THE TABLE BELOW. ALL STOCKPILES, AND/OR BORROW AREAS SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES SUCH AS A PERIMETER SILT FENCE, AND OTHER METHODS TO PREVENT ANY EROSION OR SILTS MIGRATION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS, BUT ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE COUNTY INSPECTOR. THE STORM DRAIN SYSTEM SHALL MAINTAIN A FORM OF DRAIN INLET PROTECTION UNTIL COUNTY ACCEPTS THE FINAL STREET IMPROVEMENTS. THE DRAIN INLET PROTECTION SHALL BE MAINTAINED, EFFECTIVE, AND SUBJECT TO COUNTY INSPECTOR'S APPROVAL.
- ALL PAVED STREET, AND AREAS ADJACENT TO THE SITE SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO ELIMINATE SEDIMENT LADEN RUNOFF FROM ENTERING THE STORM DRAIN SYSTEM.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH DAY DURING THE RAINY SEASON. ANY DAMAGED STRUCTURAL MEASURES ARE TO BE REPAIRED BY END OF THE DAY. TRAPPED SEDIMENT IN "SD INLETS" (AND OTHER EROSION CONTROL MEASURES) SHALL BE REMOVED TO MAINTAIN TRAP EFFICIENCY. REMOVED SEDIMENT SHALL BE DISPOSED BY SPREADING ON SITE, WHERE IT WILL NOT MIGRATE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREVENT THE FORMATION OF AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM A FAILURE TO DO SO.
- ALL DRAIN SWALES SHALL BE PER DETAIL EC-9.
- INCOMPLETE GRADING SHALL NOT BE ALLOWED. CONTRACTOR SHALL MAINTAIN A DRAIN PATH AS SHOWN ON THIS PLAN. SAID DRAIN PATH SHALL BE MAINTAINED LINED DRAIN SWALES, AND INLET PROTECTION AT A MINIMUM. IF PONDING DOES OCCUR ON THE SITE AFTER GRADING, THE WATER MUST BE FREE AND CLEAR OF SEDIMENT PRIOR TO DISCHARGE TO THE STORM DRAIN SYSTEM. THIS REQUIREMENT MAY NECESSITATE THE USE OF NATURAL AND/OR MECHANICAL DESILTING METHODS, SUBJECT TO APPROVAL BY THE COUNTY INSPECTOR.
- IF THESE EROSION CONTROL MEASURE PROVE INADEQUATE, STRAW MULCH, TACKIFIER, AND ADDITIONAL HYDROSEEDING MAY BE REQUIRED.

**HYDROSEED TABLE**

ITEM	LBS/ACRE
COMMON BARLEY	45
ANNUAL RYEGRASS	45
CRIMSON CLOVER	10
FERTILIZER 7-2-3	400
FIBER MULCH	2000
TACKIFIER	100

- ALL GRADING WORK BETWEEN OCTOBER 15th AND APRIL 15th IS AT THE DISCRETION OF THE CITY INSPECTOR.
- PROVIDE SHRUBS AND/OR TREES REQUIRED ON SLOPES GREATER THAN 15 FEET IN VERTICAL HEIGHT.
- THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL INSTALL AND MAINTAIN THROUGHOUT THE DURATION OF CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL WITHIN THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY BEST MANAGEMENT PRACTICES (BMP'S) TO PREVENT CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, WASTE MATERIALS, AND SEDIMENT CAUSED BY EROSION FROM CONSTRUCTION ACTIVITIES ENTERING THE STORM DRAIN SYSTEM, WATERWAYS, AND ROADWAY INFRASTRUCTURE. BMP'S SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING PRACTICES APPLICABLE TO THE PUBLIC ROAD AND EXPRESSWAY FACILITIES:
  - REDUCTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN/STAGING AREAS.
  - PREVENTION OF TRACKING OF MUD, DIRT AND CONSTRUCTION MATERIALS ONTO PUBLIC ROAD RIGHT OF WAY.
  - PREVENTION OF DISCHARGE OF WATER RUNOFF DURING DRY AND WET WEATHER CONDITIONS ONTO PUBLIC ROAD RIGHT OF WAY.
- THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON-HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE CITY RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE CITY RIGHT OF WAY SHALL HAVE SEASONALLY APPROPRIATE BMP'S INSTALLED AND MAINTAINED AT ALL TIMES.

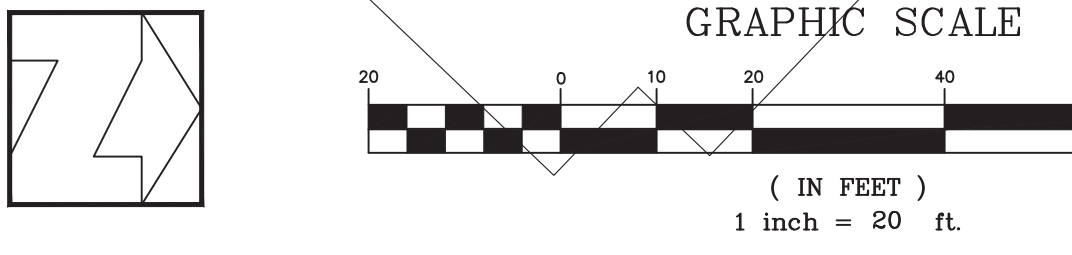


DATE: OCTOBER 22, 2019  
 SCALE: 1"=20'  
 DESIGN: AM  
 DRAWN: TM  
 CHECK: XX  
 ENGR: AM

GRADING & DRAINAGE PLANS  
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**EROSION CONTROL PLAN**  
 ARCHITECTURE AND SITE APPLICATION NO. 5-18-052  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT  
 PROJECT NO.: 18080

**HANNA BRUNETTI**  
 EST. 1970  
 CIVIL ENGINEERS • LAND SURVEYORS  
 CONSTRUCTION MANAGERS  
 7651 EUGLEBERRY STREET • GILROY, CA 95020 • CALIFORNIA  
 OFFICE (408) 842-2173 • FAX (408) 842-2662  
 EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	DATE



PROJECT SIZE	CRUSHED ROCK	LENGTH OF ATB
≤ 1/4 ACRE	30	0
≤ 1 ACRE	50	0
≤ 3 ACRE	100	0
> 3 ACRE	100	50

**DI PROTECTION TYPE 1**  
NOT TO SCALE

**NOTES:**

- 4" CRUSHED ROCK WITH GEOTEXTILE MATERIAL UNDERNEATH.
- THE MINIMUM LENGTH SHALL BE ENLARGED AS NECESSARY TO ENSURE MATERIAL IS NOT TRACKED INTO THE PUBLIC RIGHT-OF-WAY. ALTERNATE CONSTRUCTION ENTRANCES WILL BE ALLOWED WITH APPROVAL OF THE COUNTY ENGINEER ON A CASE BY CASE BASIS, WHERE PHYSICAL SITE CONDITIONS AND SIZE DICTATE.
- 18" DRIVEWAY RAMP, OR SITE ACCESS ROAD 20' WIDE MIN. SEE TABLE ABOVE FOR REQUIRED LENGTH.
- INSTALL ORANGE BARRIER FENCE TO DIRECT TRAFFIC ONTO CONSTRUCTION ENTRANCE.
- INSTALL 12" MIN. DIA. CULVERT IF A ROADSIDE DITCH IS PRESENT.

**NOTES:**

- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE RIPPED ACROSS THE ENTRANCE IF IMPRACTICAL. A MOUNTABLE BERM ENTRANCES SHALL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF POLYMER OR SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC ALL-SEASON SPRAYING OR WASHING OF THE ENTRANCE. ANY MATERIALS LEFT TO TRAP SEDIMENT SHALL BE REMOVED IMMEDIATELY. PROPER WASHING ON TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
- WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS USED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

APPROVED BY: [Signature] DATE: NOVEMBER 2016  
 TOWN ENGINEER  
 STABILIZED CONSTRUCTION ENTRANCE  
 STD. PLAN NO. ST-250

**SE-10 Storm Drain Inlet Protection**

**DI PROTECTION TYPE 1**  
NOT TO SCALE

**NOTES:**

- For use in areas where grading has been completed and final soil stabilization and seeding are pending.
- Not applicable in paved areas.
- Not applicable with concentrated flows.

**SE-10 Storm Drain Inlet Protection SE-5**

**DI PROTECTION TYPE 3**  
NOT TO SCALE

**NOTES:**

- Intended for short-term use.
- Use to inhibit non-storm water flow.
- Allow for proper maintenance and cleanup.
- Bags must be removed after adjacent operation is completed.
- Not applicable in areas with high silt and clay without filter fabric.

**Fiber Rolls**

**TYPICAL FIBER ROLL INSTALLATION**  
N.T.S.

**ENTRENCHMENT DETAIL**  
N.T.S.

**NOTES:**

- Intended for short-term use.
- Use to inhibit non-storm water flow.
- Allow for proper maintenance and cleanup.
- Bags must be removed after adjacent operation is completed.
- Not applicable in areas with high silt and clay without filter fabric.

REVISIONS	BY
1	Per town comments
	DRF

David R. Fox & Company, Landscape Architecture  
 8 University Ave. Ste. B142, Los Gatos, California 95030  
 408-761-0212 Phone  
 david@foxla.net

Planting Plan  
 WUI Plan and Notes

The Olgaard Residence  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036

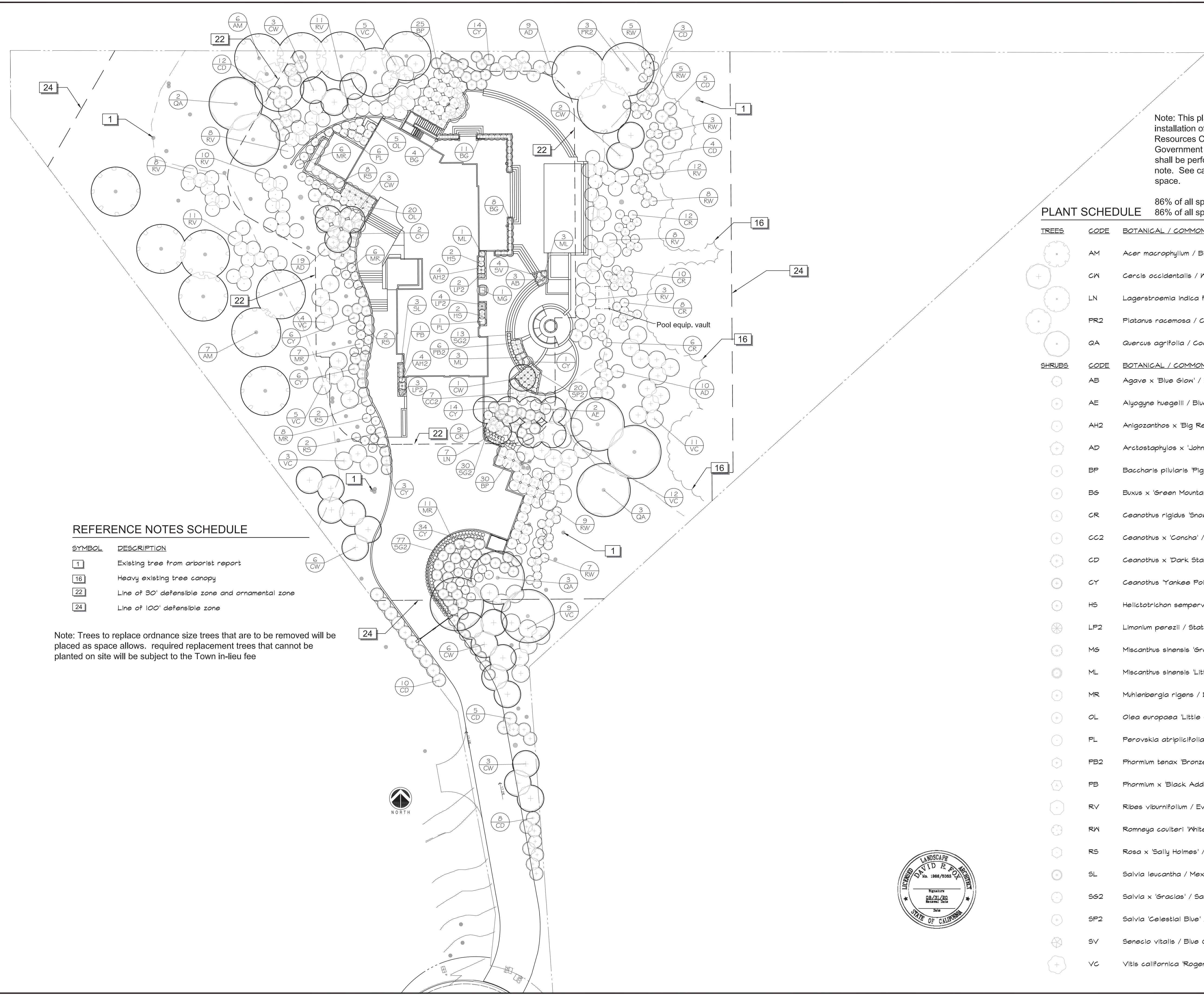
Date	10-1-19
Scale	1"=10'-0"
Drawn	DRF
Job	Olgaard
Sheet	L1.0
Of	Sheets

Note: This plant list is in conformance with low fuel varieties and the installation of the landscape shall comply with California Public Resources Code section 4291 numbers 1-6 and sections and California Government Code section 51882 numbers 1-6. Regular maintenance shall be performed by the homeowner as per cited code sections in this note. See calfire.ca.gov for information regarding creating defensible space.

86% of all specified trees are California natives  
 86% of all specified shrubs are California natives

PLANT SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	CONT	QTY
	AM	Acer macrophyllum / Big Leaf Maple	24"box	13
	CW	Cercis occidentalis / Western Redbud Multi-trunk	15 gal	24
	LN	Lagerstroemia indica 'Fauriei Natchez' Multi / Grape Myrtle	36"box	7
	PR2	Platanus racemosa / California Sycamore	15 gal	3
	QA	Quercus agrifolia / Coast Live Oak	36"box	8
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	QTY
	AB	Agave x 'Blue Glow' / Blue Glow Agave	5 gal	3
	AE	Alyogyne huegelii / Blue Hibiscus	5 gal	2
	AH2	Anigozanthos x 'Big Red' / Big Red Kangaroo Paw	5 gal	8
	AD	Arctostaphylos x 'John Dourley' / John Dourley Manzanita	5 gal	38
	BP	Baccharis pilularis 'Pigeon Point' / Coyote Brush	5 gal	55
	B6	Buxus x 'Green Mountain' / Boxwood	5 gal	23
	CR	Ceanothus rigidus 'Snowball' / Ceanothus Snowball	1 gal	45
	CC2	Ceanothus x 'Concha' / California Lilac	5 gal	7
	CD	Ceanothus x 'Dark Star' / California Lilac	5 gal	47
	CY	Ceanothus 'Yankee Point' / California Lilac	1 gal	80
	HS	Helictotrichon sempervirens 'Sapphire' / Blue Oat Grass	5 gal	4
	LP2	Limonium perezii / Statice	1 gal	9
	MG	Miscanthus sinensis 'Gracillimus' / Maiden Grass	5 gal	1
	ML	Miscanthus sinensis 'Little Kitten' / Little Kitten Eulalia Grass	1 gal	7
	MR	Muhlenbergia rigens / Deer Grass	1 gal	38
	OL	Olea europaea 'Little Ollie' / Dwarf Olive	5 gal	25
	PL	Perovskia atriplicifolia 'Lacey Blue' / Russian Sage	5 gal	7
	FB2	Phormium tenax 'Bronze Baby' / Bronze Baby New Zealand Flax	1 gal	6
	FB	Phormium x 'Black Adder' / New Zealand Flax	5 gal	1
	RV	Ribes viburnifolium / Evergreen Currant	5 gal	71
	RW	Romneya coulteri 'White Cloud' / White Cloud Matilija Poppy	5 gal	37
	RS	Rosa x 'Sally Holmes' / Adelaide Hoodless Rose	5 gal	14
	SL	Salvia leucantha / Mexican Bush Sage	5 gal	3
	SS2	Salvia x 'Gracias' / Sage	1 gal	120
	SP2	Salvia 'Celestial Blue' / Santa Rosa Island Sage	1 gal	20
	SV	Senecio vitalis / Blue Chalk Fingers	1 gal	4
	VC	Vitis californica 'Roger's Red' / California Wild Grape	1 gal	49

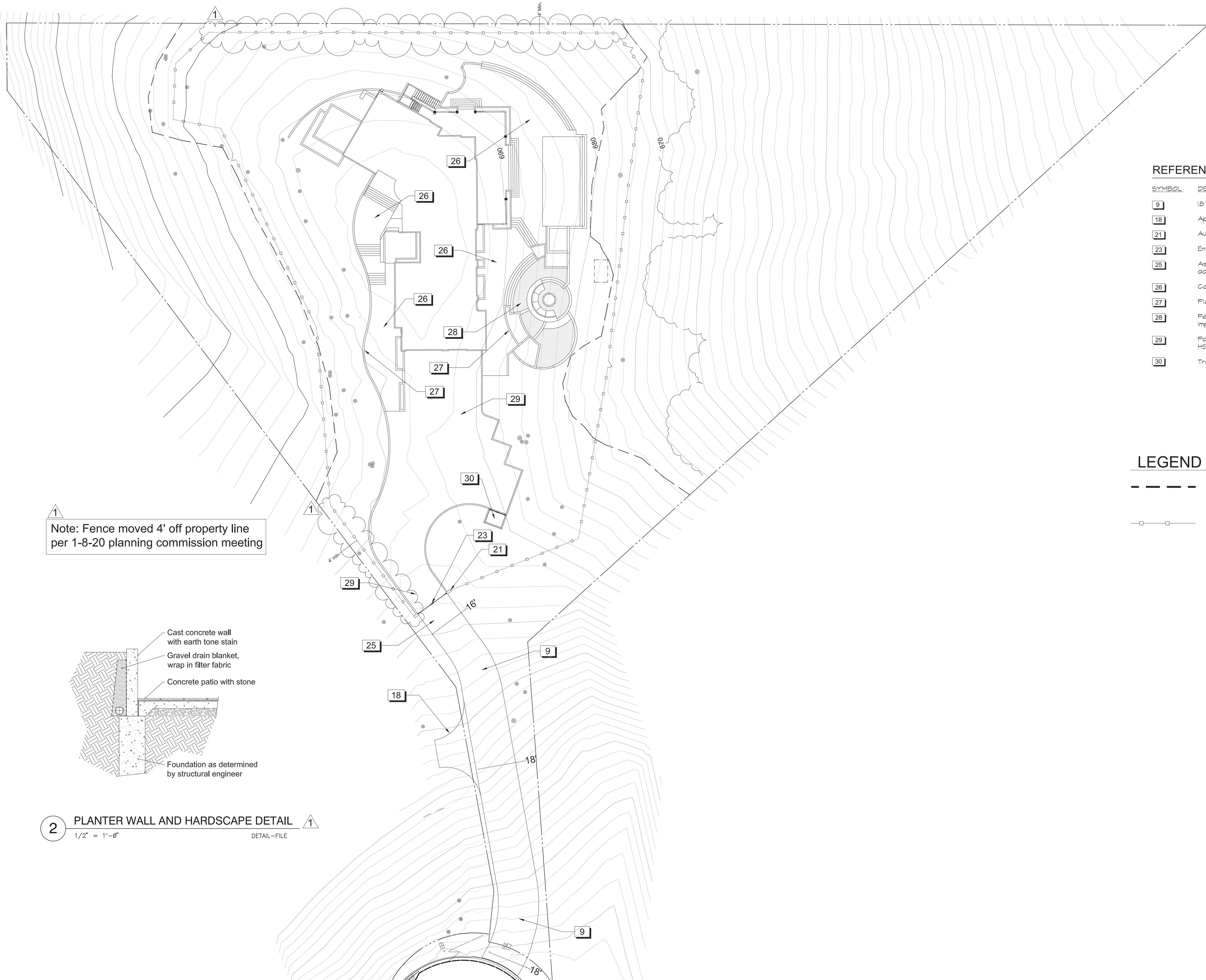


REFERENCE NOTES SCHEDULE

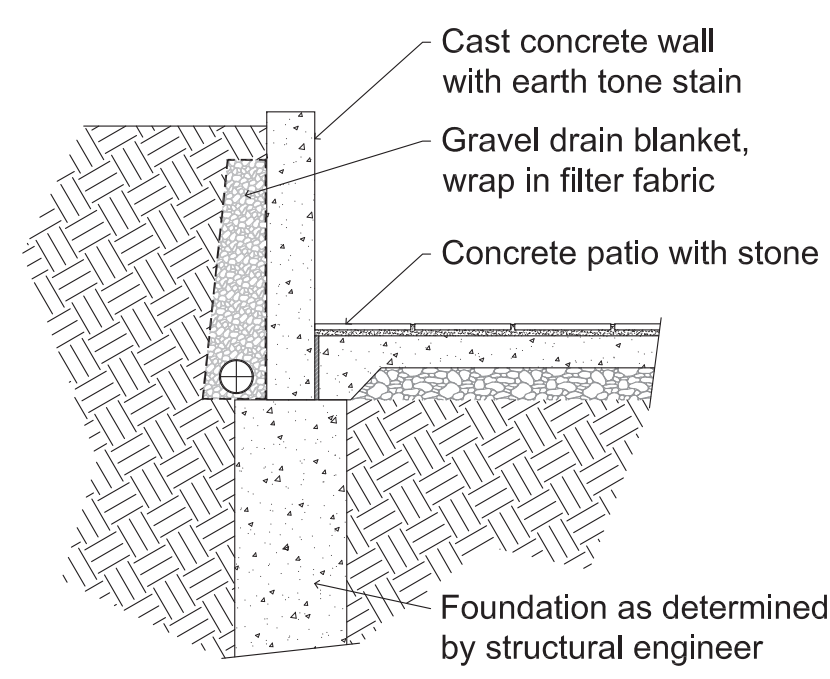
SYMBOL	DESCRIPTION
1	Existing tree from arborist report
16	Heavy existing tree canopy
22	Line of 30' defensible zone and ornamental zone
24	Line of 100' defensible zone

Note: Trees to replace ordinance size trees that are to be removed will be placed as space allows. Required replacement trees that cannot be planted on site will be subject to the Town in-lieu fee





1  
Note: Fence moved 4' off property line per 1-8-20 planning commission meeting



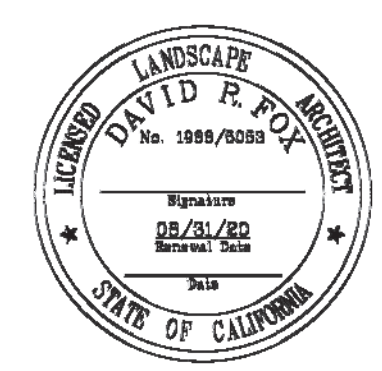
2 **PLANTER WALL AND HARDSCAPE DETAIL** 1  
1/2" = 1'-0" DETAIL-FILE

**REFERENCE NOTES SCHEDULE**

SYMBOL	DESCRIPTION
9	18' asphalt entry driveway section
18	Approximate entrance to lot & driveway
21	Automatic entry gates
23	Entry gate setback - 170'
25	Asphalt drive transitions to 16' wide after entry to adjacent residence
26	Concrete patios with stone
27	Planter wall, typical all walls. See detail this sheet
28	Permeable paving in hatched area to reduce impervious surface, i.e. ECO pavers, gravel, etc.
29	Paver driveway with installation that meets H/20 and HS/20 load standards
30	Trash enclosure, see detail sheet L2.2

**LEGEND**

- LRDA line
- Proposed fence line



REVISIONS	BY
1 Fence rev per 1-8-20 PC meeting	DRF

David R. Fox & Company, Landscape Architecture  
 50 University Ave., Ste. B142, Los Gatos, California 95030  
 david@foxandco.net  
 408-761-1212 phone

**Perimeter Fence and Details**  
**Planter Wall Detail**

**The Olgaard Residence**  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036

Date	10/1/19
Scale	1"=20'-0"
Drawn	DRF
Job	Olgaard
Sheet	<b>L2.0</b>
Of	Sheets



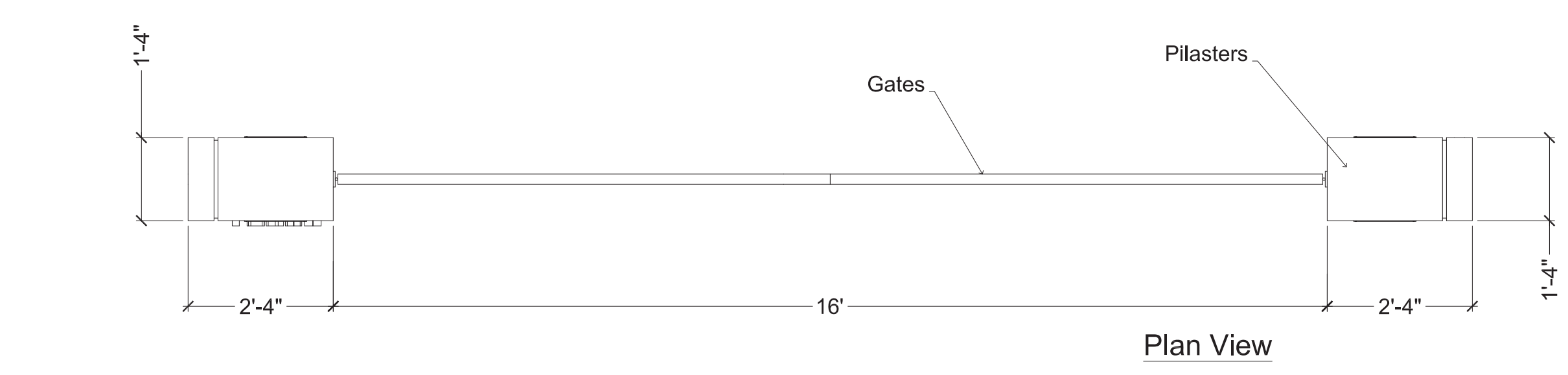
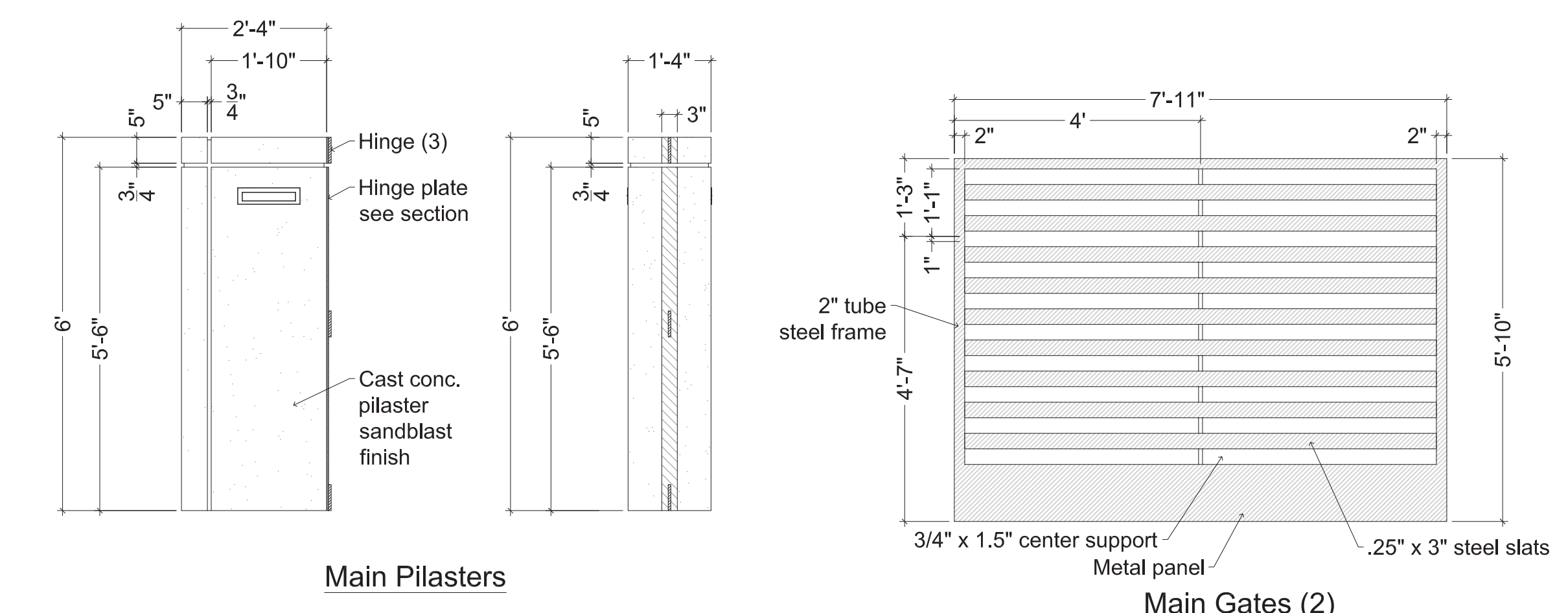
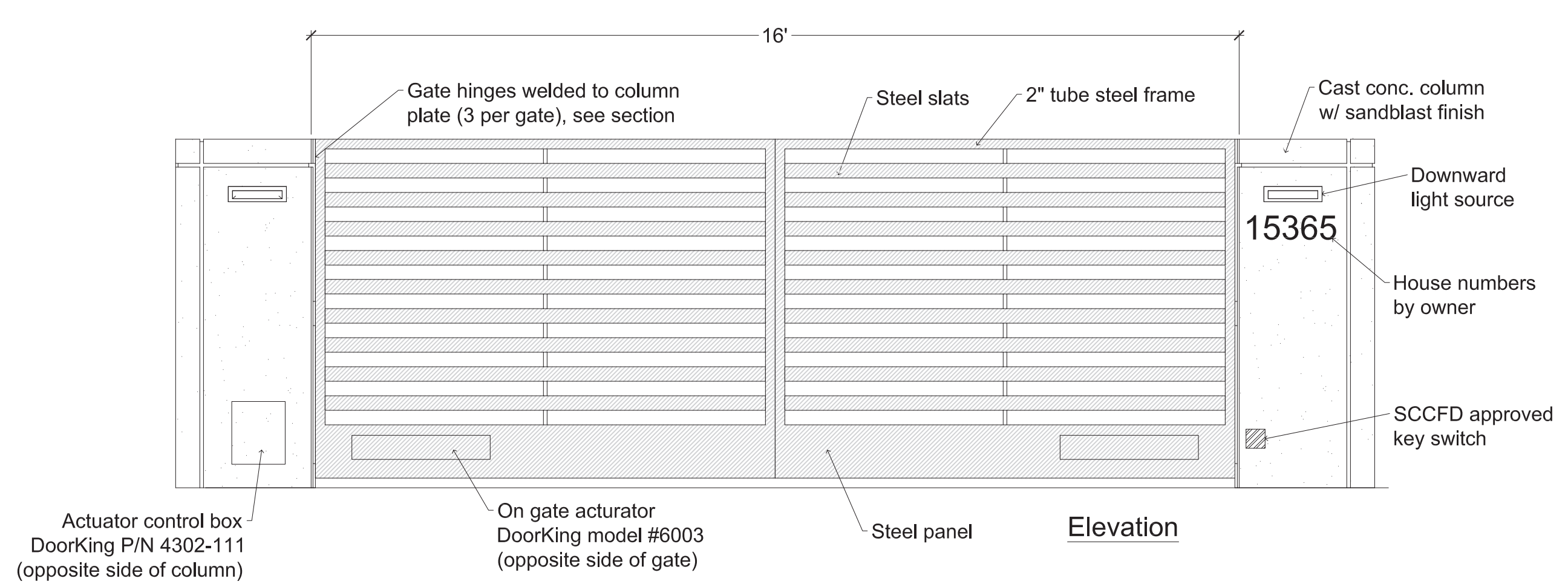
REVISIONS	BY
1	DRF

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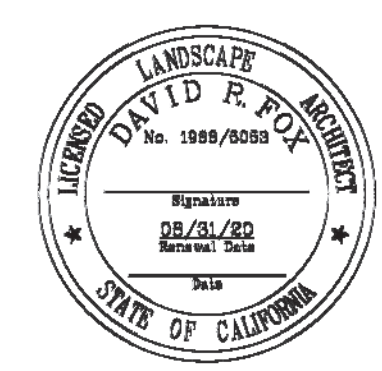
# Entry Gate Plan and Details

The Olgaard Residence  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036

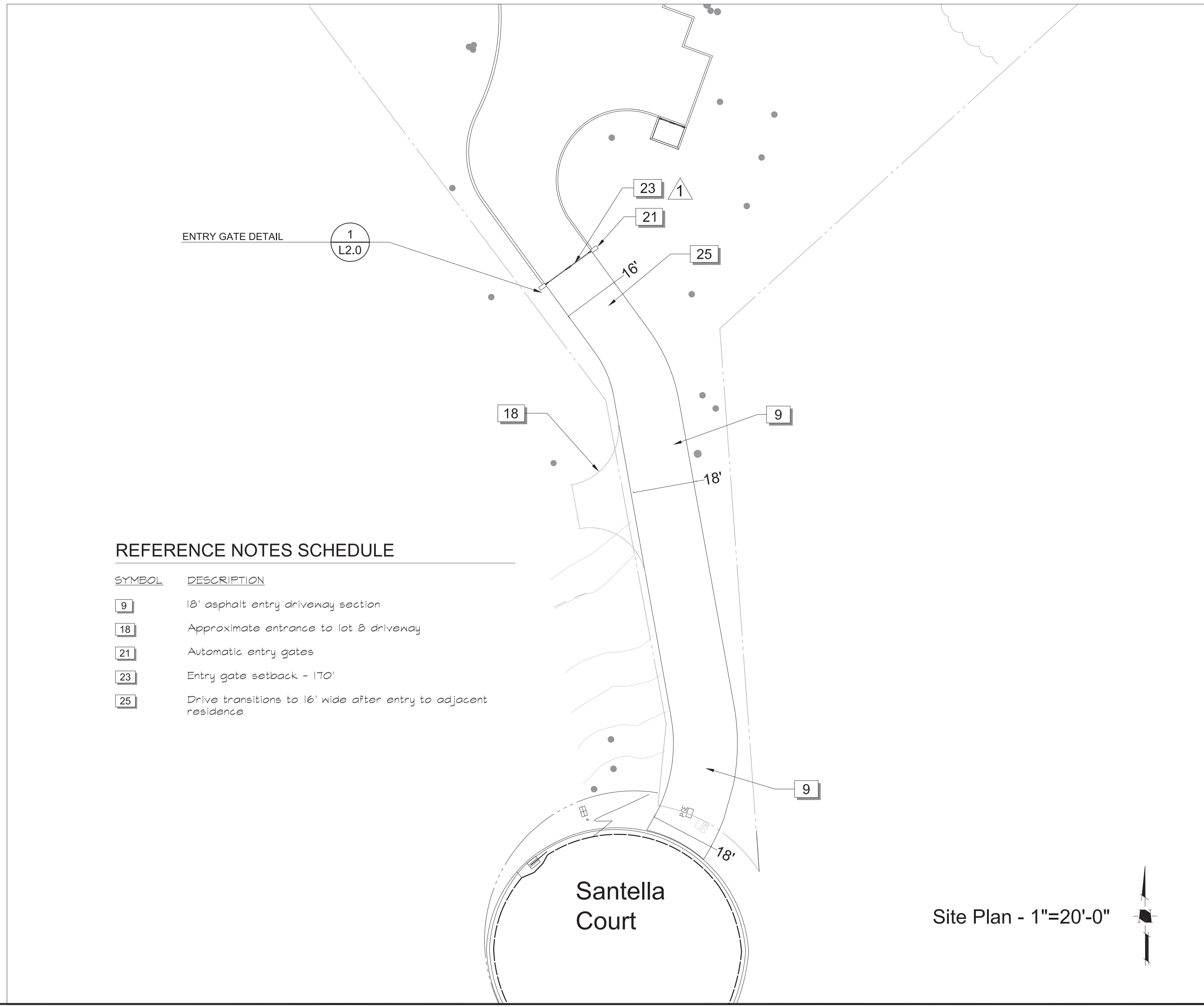
Date 10/1/19  
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 Drawn DRF  
 Job Olgaard  
 Sheet  
**L2.1**  
 Of Sheets



**1 ENTRY GATE DETAIL**  
 1/2" = 1'-0"  
 OLG RD-METAL-01

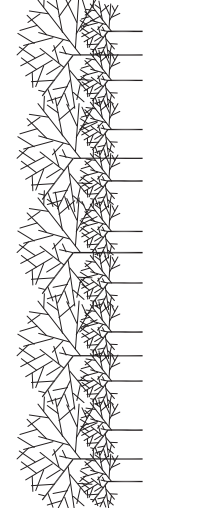


- Notes:**
- No gate may be installed across a required fire department access road or driveway without prior approval of the Fire Department. A detailed plan shall be submitted for review and approval prior to commencing any work. This requirement may be modified depending upon the complexity of the installation.
  - When padlocks are used to secure gates, they shall only be of a type approved by the Fire Department. (See also #4)
  - Gates equipped with electric control devices also shall have an override key switch installed. The key switch shall be of a type approved by the Fire Department. (See also #4 and #10)
  - Authorization forms for ordering fire department approved key switches and padlocks shall be obtained by contacting the Fire Prevention Division of the Fire Department.
  - All electrically controlled gates shall be provided with a manual override to allow operation of the gate during a power outage.
  - When open, gates shall not obstruct any portion of the required width of the driveway or access road.
  - Gates shall be adequately supported to prevent dragging.
  - Gates shall be operable by one person.
  - Swing-style gates shall open a full 90 degrees and may swing in either direction. Sliding gates shall slide parallel to the security fence.
  - All manually operated gates shall be designed so they remain in the open position when left unattended. Electrically operated gates shall be equipped with a fire department approved key switch. Activation of the switch shall open the gate(s) and cause it to remain in the open position until reset by emergency response personnel.
  - Vertical clearance over the required vehicular access road or driveway shall be not less than 13 feet 6 inches.



REVISIONS	BY

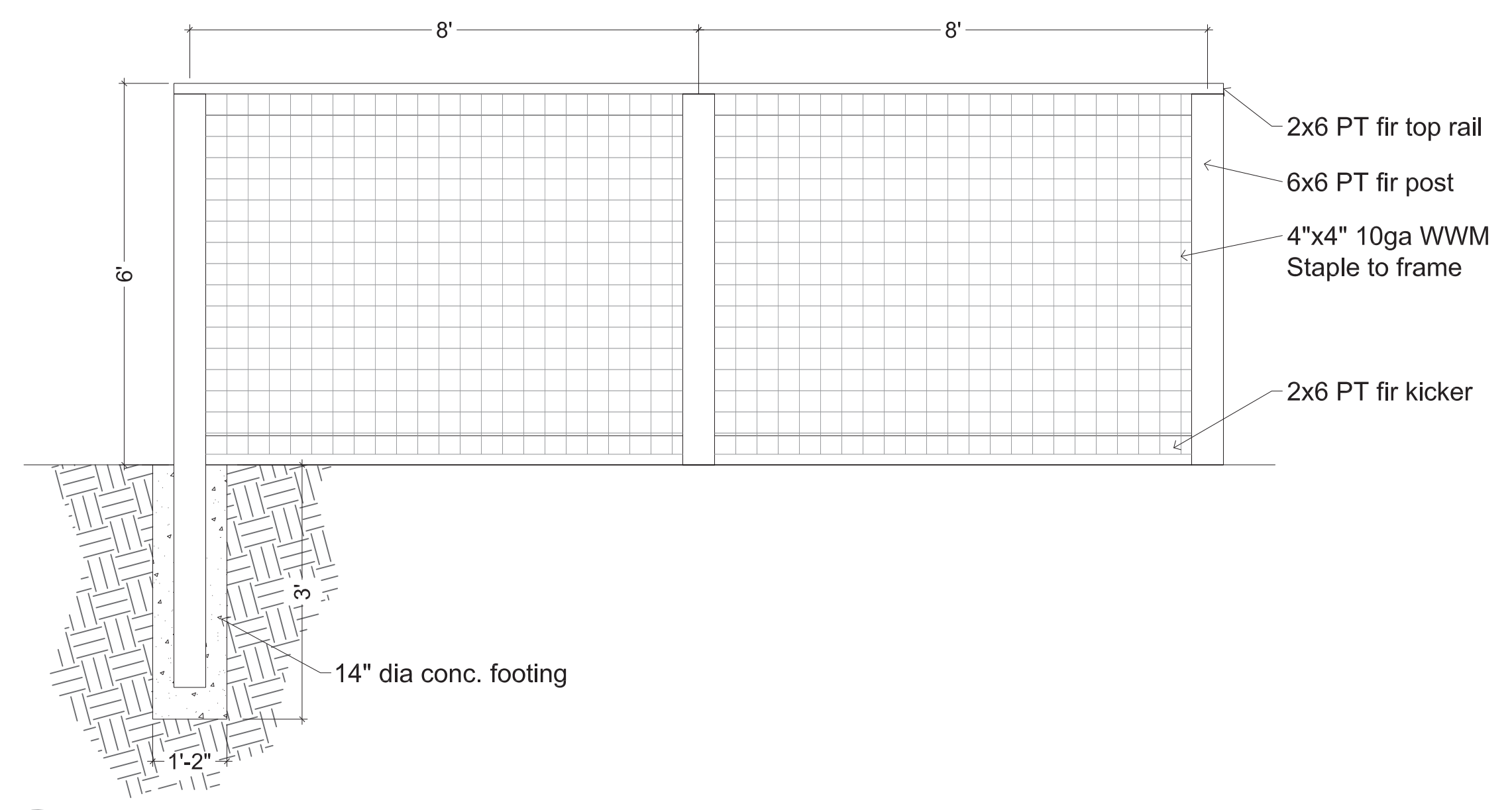
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Details

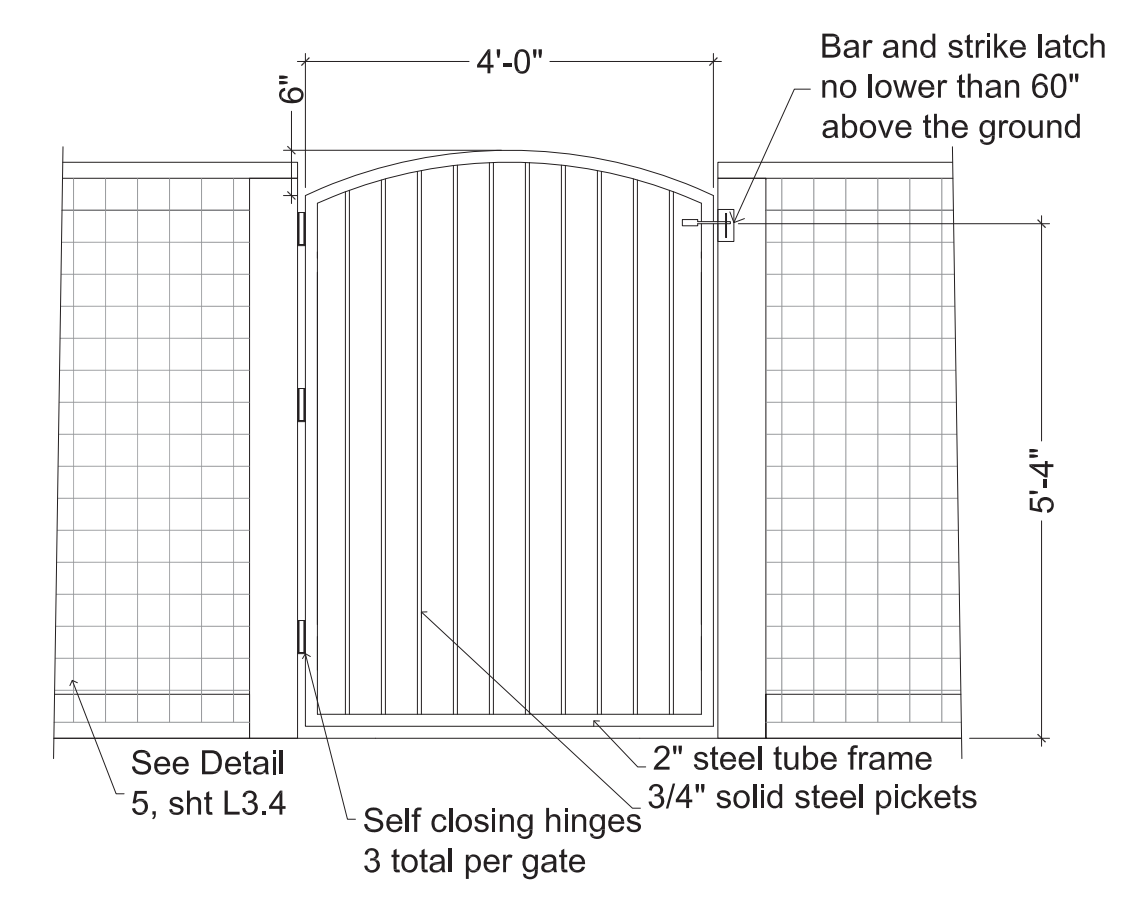
The Olgaard Residence  
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 Los Gatos, California  
 APN 527-09-036

Date	10/1/19
Scale	1"=20'-0"
Drawn	DRF
Job	Olgaard
Sheet	L2.2
Of	Sheets



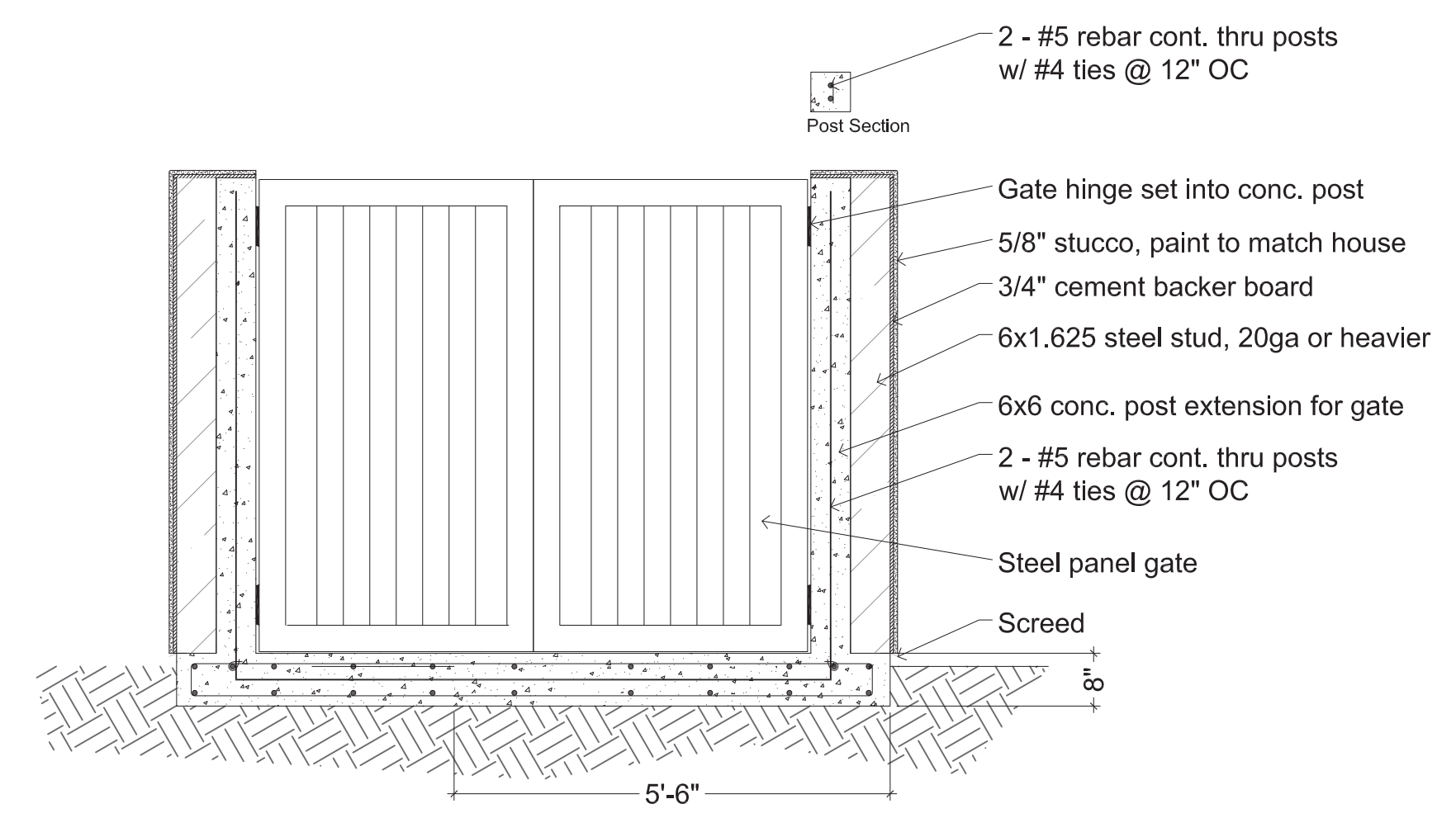
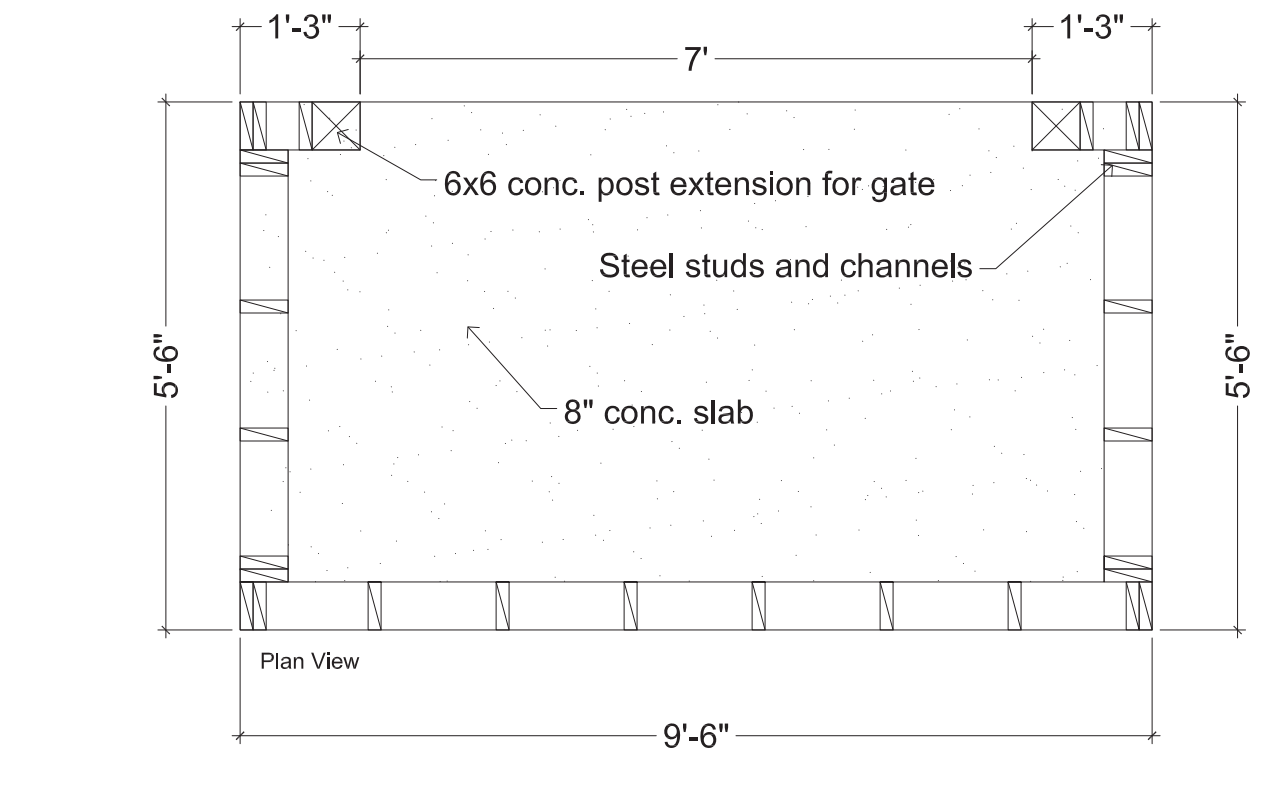
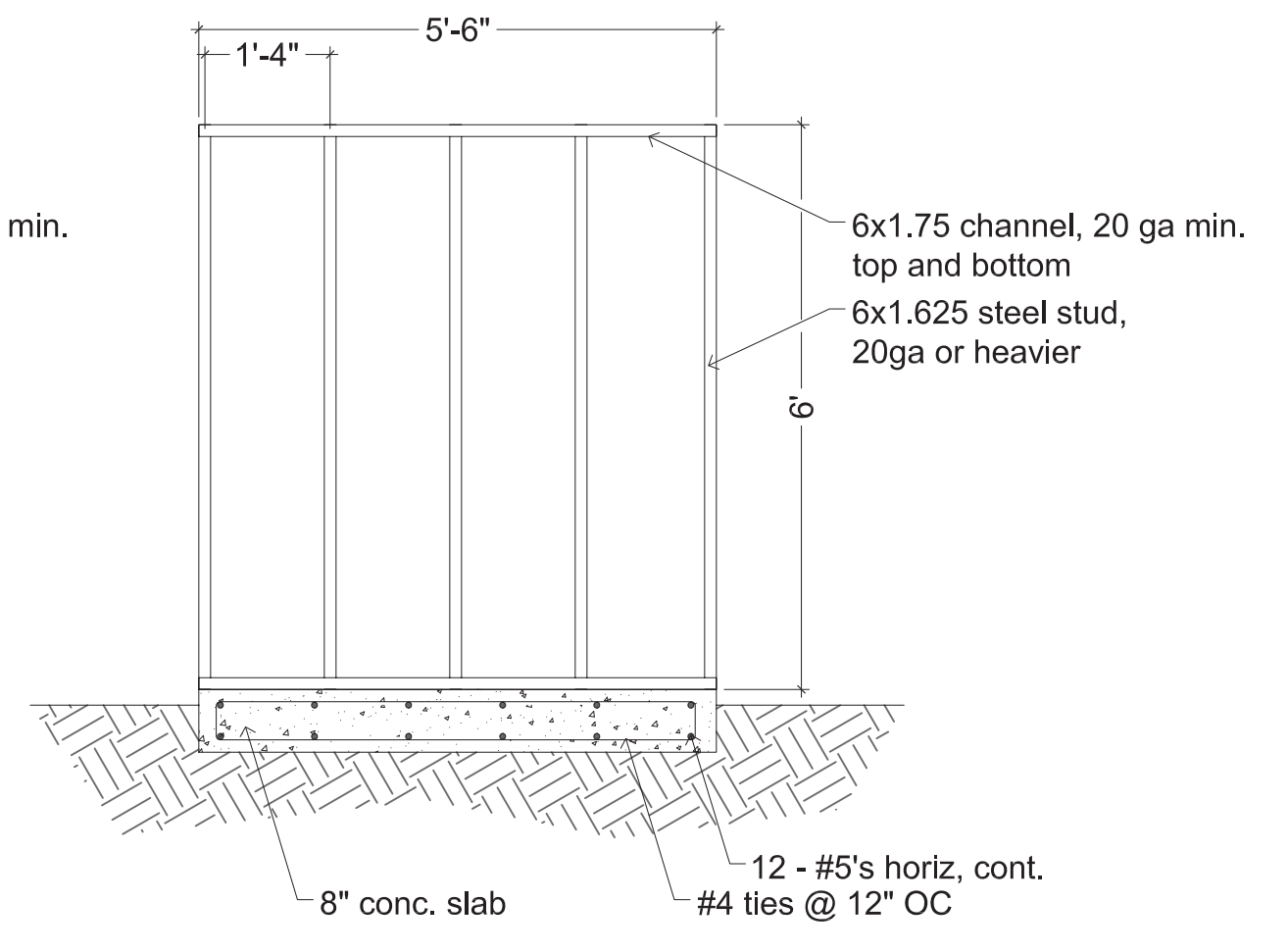
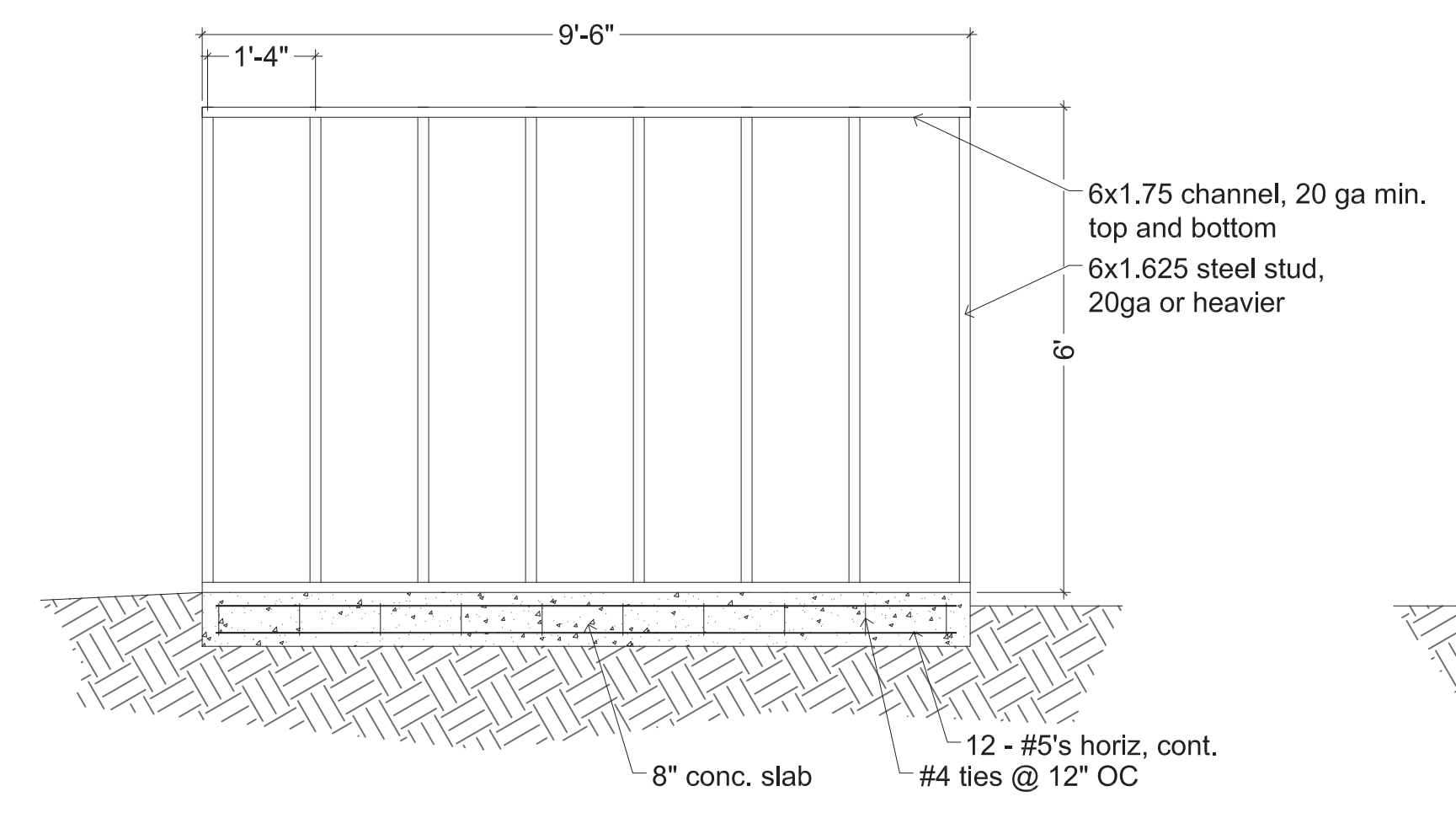
**1 WOOD AND WIRE FENCE**  
 1/2" = 1'-0"

DETAIL-FILE



**2 SELF-CLOSING GATE**  
 1/2" = 1'-0"

DETAIL-FILE



**3 TRASH ENCLOSURE STRUCTURE**  
 1/2" = 1'-0"

MERIT-METAL-01

REVISIONS	BY
1	DRF

David R. Fox & Company, Landscape Architecture  
 50 University Ave., Ste. B142, Los Gatos, California 95030  
 408-761-0212 Phone  
 david@foxlra.net

Tree Plan

The Olgaard Residence  
 15365 Santella Court  
 Los Gatos, California

Date	10-1-19
Scale	1"=20'-0"
Drawn	DRF
Job	Olgaard
Sheet	L3.0
Of	Sheets

Note: Tree 670 to remain  
Per 1-8-20 planning commission meeting.

Note: SPC=Species QD=Quercus Douglasii QA=Quercus Agrifolia

Trees To Remain				
Tree #	SPC	DIA	H/W	Condition
620	QD	11	25	Good
622	QD	13	25	Good
623	QD	11	25	Good
624	QD	11	25	Good
626	QD	8,10	25	Fair
627	QD	12	25	Fair
654	QD	14	40x25	Good
655	QD	11	20x20	Fair
657	QD	8,10,14	25x25	Good
658	QD	21	40x40	Good
659	QD	11	25x15	Good
661	QD	16	30x25	Good
663	QD	11	35x15	Fair
664	QD	18	38x35	Good
665	QD	12	25x22	Fair
666	QD	17	18x20	Fair
667	QA	18	20x20	Fair
669	QD	19	45x35	Fair
670	QA	18,12,6,12	45	Fair
672	QD	5	10x10	Fair
673	QD	13,12	9x10	Fair
678	QA	16,19,21,24	45x45	Fair
681	QD	12	40x20	Fair
682	QD	15	45x30	Fair
683	QD	18	45x30	Poor
684	QD	15	40x25	Poor
685	QD	12	35x18	Poor

Note: SPC=Species QD=Quercus Douglasii QA=Quercus Agrifolia

Trees To Be Removed				
Tree #	SPC	DIA	H/W	Condition
652	QD	13	40x25	Fair
653	QD	13	30x20	Fair
656	QD	16	30x20	Fair
660	QD	11	25x18	Fair
662	QD	18	30x30	Good
668	QD	22	40x30	Fair
671	QD	12	28x18	Fair
674	QD	13	22x20	Fair/Poor
675	QD	12,13	30x25	Fair
676	QD	21	22x30	Fair/Poor
677	QA	18,19,20	30x40	Good
679	QD	15	40x22	Good
680	QD	14	40x22	Fair
691	QA	16	30	Poor
690	QD	16	30	Fair

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	Existing tree from arborist report
2	Approximate location of existing tree not on arborist report
3	Tree to remain (typical)
4	Tree to be removed (typical)
5	Tree canopy from arborist report
6	LRDA line
7	Private scenic easement
8	Fire truck turnaround
9	Proposed driveway
10	New residence
11	Proposed pool
12	Proposed spa
13	Proposed fire pit
14	Patios and steps
15	Proposed tree protection fencing Type I
16	Heavy existing tree canopy

Note: Trees to replace ordinance size trees that are to be removed will be placed as space allows. required replacement trees that cannot be planted on site will be subject to the Town in-lieu fee

Note: Trees 660, 662, 668, 671, 675, and 676 have been moved from the 'Trees to Remain' table to the 'Trees to be Removed' table to match the plan

Tree 670 has been moved from the 'Trees to be Removed' table to the 'Trees Remain' table to match the plan

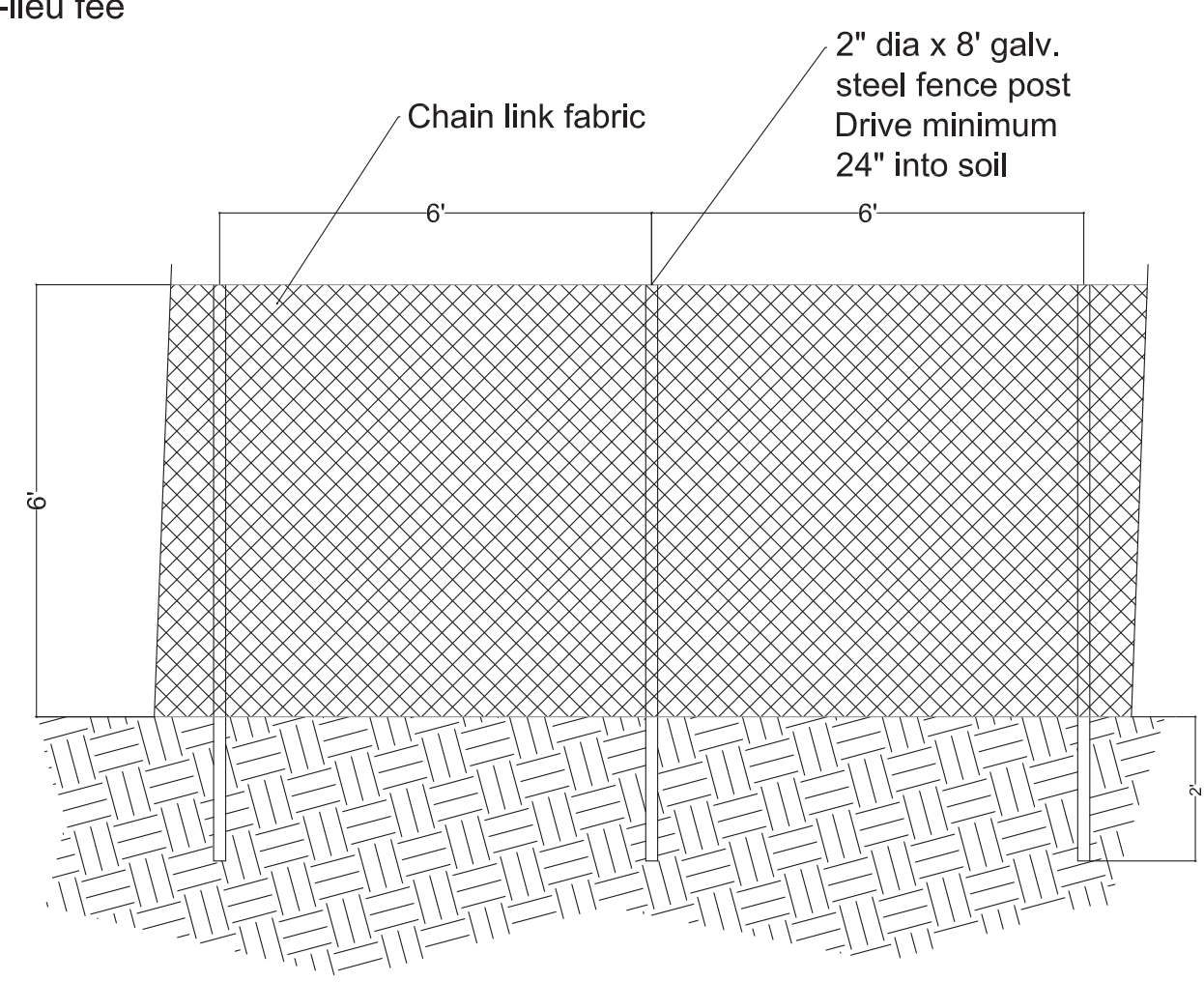
Per 1-8-20 planning commission meeting.

**Tree Protection Zones and Fence Specifications**

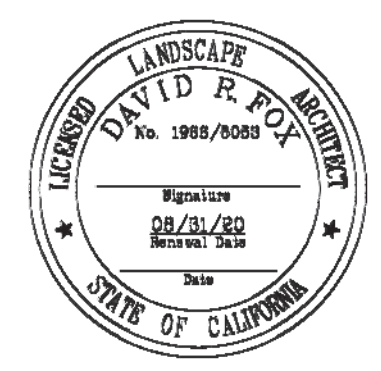
- Size and materials: Six (6) foot high chain link fencing, mounted on two-inch diameter galvanized iron posts, shall be driven into the ground to a depth of at least two (2) feet at no more than ten-foot spacing. For paving area that will not be demolished and when stipulated in a tree preservation plan, posts may be supported by a concrete base.
- Area type to be fenced: Type I: Enclosure with chain link fencing of either the entire dripline area or at the tree protection zone (TPZ), when specified by a certified or consulting arborist. Type II: Enclosure for street trees located in a planter strip: chain link fence around the entire planter strip to the outer branches. Type III: Protection for a tree located in a small planter cutout only (such as downtown): orange plastic fencing shall be wrapped around the trunk from the ground to the first branch with two-inch wooden boards bound securely on the outside. Caution shall be used to avoid damaging any bark or branches.
- Duration of Type I, II, III fencing: Fencing shall be erected before demolition, grading or construction permits are issued and remain in place until the work is completed. Contractor shall first obtain the approval of the project arborist on record prior to removing a tree protection fence.
- Warning Sign: Each tree fence shall have prominently displayed an eight and one-half-inch by eleven-inch sign stating: "Warning—Tree Protection Zone—This fence shall not be removed and is subject to penalty according to Town Code 29.10.1025." Text on the signs should be in both English and Spanish (Appendix E).

All persons shall comply with the following precautions:

- Prior to the commencement of construction, install the fence at the dripline, or tree protection zone (TPZ) when specified in an approved arborist report, around any tree and/or vegetation to be retained which could be affected by the construction and prohibit any storage of construction materials or other materials, equipment cleaning, or parking of vehicles within the TPZ. The dripline shall not be altered in any way so as to increase the encroachment of the construction.
- Prohibit all construction activities within the TPZ, including but not limited to: excavation, grading, drainage and leveling within the dripline of the tree unless approved by the Director.
- Prohibit disposal or depositing of oil, gasoline, chemicals or other harmful materials within the dripline of or in drainage channels, swales or areas that may lead to the dripline of a protected tree.
- Prohibit the attachment of wires, signs or ropes to any protected tree.
- Design utility services and irrigation lines to be located outside of the dripline when feasible.
- Retain the services of a certified or consulting arborist who shall serve as the project arborist for periodic monitoring of the project site and the health of those trees to be preserved. The project arborist shall be present whenever activities occur which may pose a potential threat to the health of the trees to be preserved and shall document all site visits.
- The Director and project arborist shall be notified of any damage that occurs to a protected tree during construction so that proper treatment may be administered.



1 TYPE I TREE PROTECTIVE FENCING



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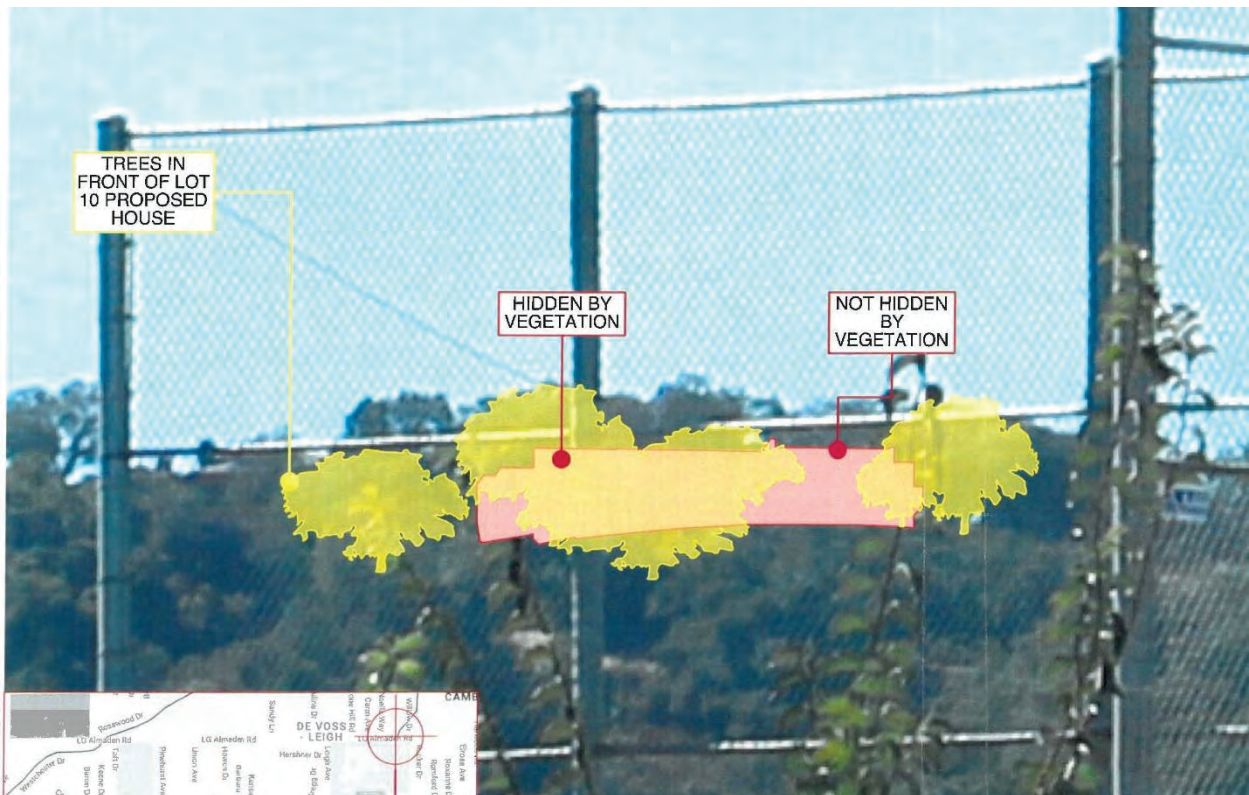
To: Town Council, meeting March 3, 2020  
Re: 15365 Santella Court, S-18-052  
From: Dave Weissman

I write in regard to my appeal of the project at the above address, focusing on the building elevation of this proposed house and the Town's recently revised Visibility Analysis Methodology. Per Los Gatos Town codes, if more than 24.5% of a building elevation is visible from a designated Town viewing area, then the house's height is limited to 18 feet.

I presented this issue at the Planning Commission hearing on January 8, 2020. Subsequently, from information supplied by the applicant, in response to a request I made following the Commission hearing, it appears that I underestimated the extent of the problem.

According to Town staff, 'Building Elevation', or just 'Elevation' is not defined anywhere in Town codes. But its definition is readily accessible in textbooks and on the Internet. Here are 2 identical, if differently worded alternatives: (1) An accurately scaled, 2-dimension drawing of any vertical surface of a building, or (2) A horizontal orthographic projection of a building on to a vertical plane, the vertical plane normally being parallel to one side of the building.

Staff supplied the applicant with an example of an elevation Visibility Analysis (see Figure 1) that was recently done on the adjacent Lot 10 house. Note the pink rectangular section in Fig. 1 – that is the building elevation of the proposed Lot 10 house from the same Viewing Platform that was used for the A&S application before you.



For the proposed house on Lot 10 in Figure 1, the relevant numbers were:

Visible Area: 606.6 SF

Total Area: 2,306.7 SF

This yields a value of 24.2% ( $606.6 \div 2306.7$ ) SF Visible.

The applicant for the A&S application under this appeal, presented the following numbers to the Town and Commission:

Visible Area: 917 SF

Total Area: 3,825 SF

This yields a value of 23.97% ( $917 \div 3825$ ) SF Visible, which is below the threshold of 24.5% and permits the house to be taller than 18 feet.

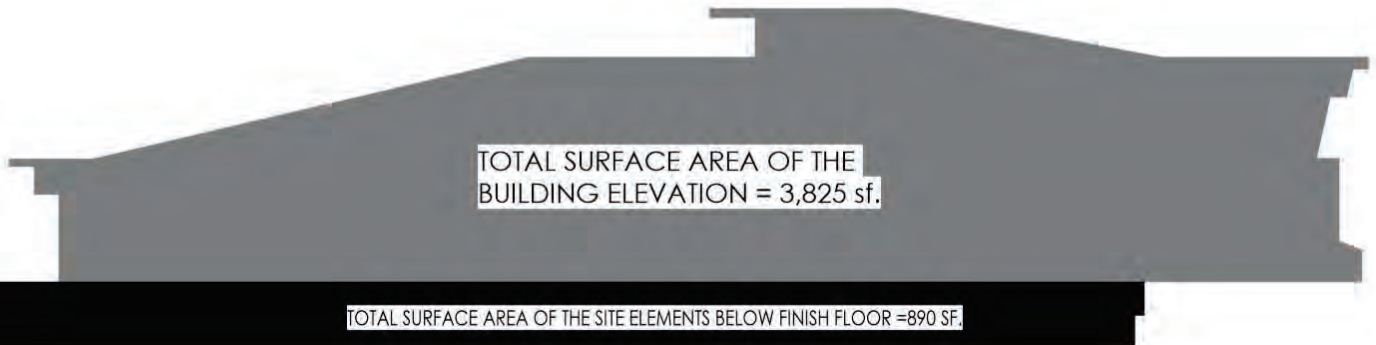
But the new information (see Figure 2), submitted by the applicant after the Commission meeting, shows that of the claimed 3,825 SF total building elevation area, only 2,935 SF are part of the 2-dimensional vertical surface of the proposed house. The remaining 890 SF are actually “site elements below finish floor.” The elevation of the proposed house is 2,935 SF, not 3,825 SF. As the applicant says in his justification letter of February 4<sup>th</sup>: “We then calculated the surface area of the building elevation *and all connected mass in front of the building (including site elements such as the outdoor seating area in front of the building).*” (my emphasis).

Using these corrected numbers:

Visible Area: 917 SF

Total Area: 2,935 SF

This yields a value of 31.24% ( $917 \div 2935$ ) SF Visible, not 23.97% as claimed by the applicant. Therefore, this house should be limited to 18’ in height since it is above the threshold of 24.5%.



In that same letter of February 4<sup>th</sup>, the applicant continues “As shown for project at lot #10, we show all the building mass area that would be visible from the viewpoint. This logically includes the mass of the outdoor seating area, in front of the building and **all site elements** (applicant’s emphasis). In a similar scenario, a project with a large visible area of site elements, should be included, to give an accurate calculation of visible home.”

Previous building conventions and community standards, including those applied to adjacent Lot 10, do not include ‘site elements’ when calculating building elevation area. The applicant proposes that his standard be the new Town standard going forward. It is my understanding that the Town Council and staff are given the responsibility of making Town policy, not project applicants.

Now this may be a well-designed and environmentally friendly house, but at 22’ tall, it is in violation of our Town codes. I am arguing for the process here. The Planning Commission did not grant, nor did the applicant ask for, an exception to the Hillside Guidelines for height.

In fact, Commissioner Janoff expressed concern that the house’s roof extended above the ridgeline, as shown on the applicant’s own drawing (see red arrow in Figure 3):



And the Hillside Guidelines, page 15, limit building heights to 18 feet on significant ridgelines where the primary building projects above the physical ridgeline. (**Significant ridgelines** are defined on page 15 as any hill or mountain, the uppermost part of which forms the skyline visible from any established viewing platform or area. Significant ridgelines include

Aztec Ridge, the ridge between Blossom Hill Road and Shannon Road, but the HDS&G do not limit significant ridgelines to just these areas).

I request that my appeal be granted and that this A&S application be returned back to the Planning Commission with instructions to consider this new information regarding elevation area, and that the conventional definition of building elevation be applied here and to all future A&S applications.





**TOWN OF LOS GATOS  
COUNCIL AGENDA REPORT**

MEETING DATE: 03/03/2020

ITEM NO: 6

DESK ITEM

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DATE: March 3, 2020  
TO: Mayor and Town Council  
FROM: Joel Paulson, Community Development Director  
SUBJECT: Consider an appeal of a Planning Commission decision approving a request for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 1/2:PD. APN 527-09-036. Architecture and Site Application S-18-052. Project Location: 15365 Santella Court. Property Owner: Christian and Hellen Olgaard. Applicant: Hari Sripadanna. Appellant: David Weissman.

REMARKS:

In response to questions from a Council Member, staff has prepared the following information.

**What is the exact wording staff uses to determine a building's square footage? And from what ordinance/standard/etc.?**

Staff utilizes both the Town Code and the Hillside Development Standards and Guidelines (HDS&G) to determine a building's square footage.

Staff utilizes Town Code Section 29.10.020, Definitions, to determine gross floor area. The following is the definition for gross floor area:

*Floor area, gross* means the entire enclosed area of all floors that are more than four (4) feet above the proposed grade, measured from the outer face of exterior walls or in the case of party walls from the centerline. Gross floor area also includes any part of exterior balconies or walkways above the ground floor required for ingress and egress. Ornamental balconies and outside unroofed corridors not required for ingress or egress are excluded. The area of elevator shafts and stairwells is also included except on the ground floor.

PREPARED BY: Erin Walters  
Associate Planner

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Reviewed by: Town Manager, Assistant Town Manager, Town Attorney, and Community Development Director

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REMARKS (continued):

Staff also utilizes the glossary in the HDS&G, to determine gross floor area. The following is the definition for gross floor area:

*Floor area, gross.* The entire enclosed area of all floors that are more than four (4) feet above the proposed grade, measured from the outer face of exterior walls or in case of party walls from the centerline, but excluding the following:

- a. Areas permanently open to the sky.
- b. Exterior areas under roof eaves, trellises, porches or cantilevered overhangs.
- c. Attics.
- d. Cellars.
- e. Garages up to 400 square feet.
- f. Elevators and stairwells above the first floor.
- g. Barns and stables.

**What is the exact wording staff uses to determine a building's height? And from what ordinance/standard/etc.?**

Staff utilizes Town Code Section 29.10.020, Definitions, to determine building height. The following is the definition for height:

*Height* means the height of all structures, excluding fences, shall be determined by the plumb vertical distance from the natural or finished grade, whichever is lower and creates a lower profile, to the uppermost point of the roof edge, wall, parapet, mansard, or other point directly above that grade. For portions of a structure located directly above a cellar, the height measurement for that portion of the structure shall be measured as the plumb vertical distance from the existing natural grade to the uppermost point of the structure directly over that point in the existing natural grade. No point of the roof or other structural element within the exterior perimeter of the structure shall extend beyond the plane established by the maximum height plane except as allowed by section 29.10.090.

**Which of the two appeals, or both, are at issue in agenda item 6 and why?**

The appellant submitted a completed appeal form on January 17, 2020 (Attachment 4). Staff requested the appellant fill out a revised appeal form which reflects the adopted Town Code land use appeal process language. The appellant submitted a revised appeal form on January 29, 2020 (Attachment 5). The appeal submitted on January 29, 2020 (Attachment 5) is the

PAGE 3 OF 3

SUBJECT: 15365 Santella Court/S-18-052

DATE: March 3, 2020

REMARKS (continued):

appeal the Town Council is considering for Item 6, as this appeal form reflects the adopted Town Code land use appeal process language.

Attachments:

Previously received with the March 3, 2020 Staff Report:

1. January 8, 2020 Planning Commission Staff Report, with Exhibits 1-12
2. January 8, 2020 Planning Commission Verbatim Minutes
3. Applicant's Handout provided at January 8, 2020 Planning Commission Meeting
4. Appeal of Planning Commission decision, received January 17, 2020
5. Appeal of Planning Commission decision, received January 29, 2020, revised form
6. Applicant's Response to Appeal, received February 6, 2020
7. Lot 10 Visibility Analysis, referenced in applicant's response to appeal
8. Hillside Development Standards and Guidelines, Chapter II, Section B. Visibility Analysis
9. Draft Resolution to Deny Appeal and Approve Project, with Exhibits A and B
10. Draft Resolution to Grant Appeal and Remand Project to Planning Commission
11. Draft Resolution to Grant Appeal and Deny Project
12. Visibility Analysis approved at 01-08-20 Planning Commission meeting with revised notes
13. Development Plans approved at 01-08-20 Planning Commission meeting with revised notes
14. Letter from appellant, received February 26, 2020

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**TOWN OF LOS GATOS  
COUNCIL AGENDA REPORT**

MEETING DATE: 03/17/2020

ITEM NO: 1

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**Minutes of the Town Council Meeting  
March 3, 2020**

The Town Council of the Town of Los Gatos conducted a Regular Meeting on Tuesday, March 3, 2020, at 7:00 p.m.

**MEETING CALLED TO ORDER AT 7:00 P.M.**

**ROLL CALL**

Present: Mayor Marcia Jensen, Vice Mayor Barbara Spector, Council Member Rob Rennie, Council Member Marico Sayoc.

Absent: None

**PLEDGE OF ALLEGIANCE**

Adam Moore led the Pledge of Allegiance. The audience was invited to participate.

**PRESENTATIONS**

Mayor Jensen presented a Community Champion proclamation to the American Red Cross. Executive Director Ken Toren and volunteers Sherry Oliver, Denise Ramon-Herrera, and Brad Gordon, accepted on behalf of the Red Cross and thanked the Town for their support.

**COUNCIL/TOWN MANAGER REPORTS**

**Council Matters**

- Council Member Rennie stated he met with the staff liaison of the Valley Transportation Authority (VTA) Congestion Management Committee.
- Vice Mayor Spector stated she participated in a conference call regarding the Coronavirus (COVID-19) with the County of Santa Clara and individuals on the State and Federal level; she attended the West Valley Mayors and Managers meeting; she performed a ribbon cutting at Office Revolution; and she met with the staff of the West Valley Sanitation District (WVSD).

**Manager Matters**

- Outlined the precautions the Town is taking to protect the community against the Coronavirus.
- Announced the Annual Youth Commissioner and Mid-Year Adult Commissioner recruitment is underway. Adult Commissioner applications are due May 8 and Youth Commissioner applications are due May 1.

**CONSENT ITEMS (TO BE ACTED UPON BY A SINGLE MOTION)**

1. Approve Closed Session Meeting Minutes of February 18, 2020.
2. Approve Council Meeting Minutes of February 18, 2020.
3. Adopt a resolution making determinations and approving the reorganization of an uninhabited area designated as El Gato Lane No. 4, approximately 0.49 acres, located at 15765 El Gato Lane (APN 523-27-040). Annexation Application AN19-004. Property Owner/Applicant: Ed Pearson. **RESOLUTION 2020-004**
4. Approve the Preliminary Design and Authorize Preparation of the Final Design for the Los Gatos Creek Trail to Highway 9 Trailhead Connector Project 18-832-4505.
5. Highway 17 Bicycle and Pedestrian Overcrossing Feasibility Study
  - a. Approve the Project Purpose and Need
  - b. Authorize Staff to Proceed with Design Alternatives for a Separate Bicycle and Pedestrian Overcrossing.

**MOTION: Motion by Council Member Sayoc to approve the Consent Items. Seconded by Council Member Rennie.**

**VOTE: Motion passed unanimously.**

**PUBLIC HEARINGS**

6. Consider an appeal of a Planning Commission decision approving a request for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 1/2:PD. APN 527-09-036. Architecture and Site Application S-18-052. Project Location: 15365 Santella Court. Property Owner: Christian and Hellen Olgaard. Applicant: Hari Sripadanna. Appellant: David Weissman. **RESOLUTION 2020-005**

Erin Walters, Associate Planner, presented the staff report.

Opened Public Comment.

David Weissman, appellant

- Commented on his reasons for appealing the project.

Hari Sripadanna and David Fox, applicant

- Commented on the project.

David Weissman

- Responded to the applicant's comments.

Hari Sripadanna and David Fox

- Responded to the appellant's comments.

PAGE 3 OF 8

SUBJECT: Minutes of the Town Council Meeting of March 3, 2020

DATE: March 4, 2020

Public Hearing Item #6 – continued

Closed Public Comment.

Council discussed the matter.

**MOTION: Motion by Council Member Rennie** to adopt a resolution denying the appeal of the Planning Commission decision and approving the application with the required findings and considerations (Attachment 9, Exhibit A), conditions of approval (Attachment 9, Exhibit B), and development plans (Attachment 13). **Seconded by Council Member Sayoc.**

**VOTE: Motion passed unanimously.**

**MOTION: Motion by Council Member Sayoc** to ask the Policy Committee to review and determine if the definition of elevation contained in the Hillside Development Standards and Guidelines should be revised. **Seconded by Council Member Rennie.**

**VOTE: Motion passed unanimously.**

#### **OTHER BUSINESS**

7. Staff Recommends that the Town Council Conclude the School Bus Pilot Program at the End of Fiscal Year 2019/20.

Ying Smith, Transportation and Mobility Manager, presented the staff report.

Opened Public Comment.

Dorice Piraino

- Commented in opposition of discontinuing the program.

Moshe Shaham

- Commented in opposition of discontinuing the program and inquired if there were any other options or compromises that could be explored.

Chetan Jog

- Commented in opposition of discontinuing the program and inquired if there were any other options or compromises that could be explored.

Other Business Item #7 – continued

Kristen Linden

- Commented in opposition of discontinuing the program and inquired if there were any other options or compromises that could be explored.

Maria Ristow

- Commented in support of discontinuing the program.

Sashi Balasingam

- Commented in opposition of discontinuing the program and inquired if there were any other options or compromises that could be explored.

Leif Linden

- Commented in opposition of discontinuing the program and inquired if there were any other options or compromises that could be explored.

Closed Public Comment.

Council discussed the matter.

**MOTION: Motion by Mayor Jensen to conclude the School Bus Pilot Program. Motion failed for lack of a second.**

**MOTION: Motion by Vice Mayor Spector to continue the School Bus Pilot Program with the current budget funding, to direct staff and the community to do further analysis and to come back to Council with transportation options to and from the our schools, to consider funding options that may include the use of Measure G funds, and not be limited by Measure B congestion relief metrics or any other specified type of financing. Seconded by Mayor Jenson.**

**VOTE: Motion passed unanimously.**

Recess at 9:31 p.m.

Reconvene at 9:42 p.m.

8. Approve the Connect Los Gatos Program and Community Engagement Plan.

Lisa Petersen, Town Engineer/Assistant Parks and Public Works Director, presented the staff report.



Other Business Item #8 – continued

Opened Public Comment.

No one spoke.

Closed Public Comment.

Council discussed the matter.

**MOTION: Motion by Council Member Sayoc** to approve the Connect Los Gatos Program and Community Engagement. **Seconded by Council Member Rennie.**

**VOTE: Motion passed unanimously.**

9. Term Limits Initiative

- a. Accept Elections Official's Certification of the Sufficiency of the Term Limits Initiative Petition,
- b. Adopt a Resolution Calling the Election, and **RESOLUTION 2020-006**
- c. Direct the Inclusion of the Preliminary Estimated Cost of the Election for the Term Limits Initiative of \$54,200 in the Town Manager's Proposed Operating Budget for Fiscal Year (FY) 2020/21.

Shelley Neis, Town Clerk, presented the staff report.

Opened Public Comment.

No one spoke.

Closed Public Comment.

Council discussed the matter.

**MOTION: Motion by Council Member Sayoc** to accept the Elections Official's certification of the sufficiency of the Term Limits Initiative Petition, adopt a resolution calling the election (Attachment 3), and direct the inclusion of the preliminary estimated cost of the election for the Term Limits Initiative of \$54,200 in the Town Manager's Proposed Operating Budget for Fiscal Year (FY) 2020/21. **Seconded by Mayor Jensen.**

**VOTE: Motion passed unanimously.**

10. Finance Commission Initiative

- a. Accept Elections Official's Certification of the Sufficiency of the Finance Commission Initiative Petition.
- b. Adopt a Resolution Calling the Election and Direct the Inclusion of the Preliminary Estimated Cost of the Election for the Finance Commission Initiative of \$54,200 in the Town Manager's Proposed Operating Budget for Fiscal Year 2020/21; or **RESOLUTION 2020-007**
- c. Order Report Pursuant to California Elections Code Section 9212.

Robert Schultz, Town Attorney, presented the staff report.

Opened Public Comment.

Lee Fagot

- Commented in support of Council adopting the initiative as an Ordinance without alteration.

Jak Van Nada, proponent of the initiative

- Commented on the reasons for the initiative petition.

Catherine Somers, Los Gatos Chamber of Commerce Executive Director

- Commented in support of Council adopting the initiative as an Ordinance without alteration.

Closed Public Comment.

Council discussed the matter.

**MOTION: Motion by Council Member Rennie** to accept the Elections Official's Certification of the Sufficiency of the Finance Commission Initiative Petition and order report pursuant to California Elections Code Section 9212. **Seconded by Mayor Jensen.**

**VOTE: Motion failed 1/3. Mayor Jensen, Vice Mayor Spector, and Council Member Sayoc voting no.**

**MOTION: Motion by Council Member Sayoc** to accept the Elections Official's Certification of the Sufficiency of the Finance Commission Initiative Petition. **Seconded by Vice Mayor Spector.**

**VOTE: Motion passed unanimously.**

Other Business Item #10 – continued

**MOTION: Motion by Mayor Jensen** to adopt a resolution (Attachment 4) calling an election to be consolidated with the Santa Clara County General Election occurring on November 3, 2020 and direct the Town Attorney to prepare an impartial analysis of the initiative pursuant to California Elections Code Section 9280 and direct the inclusion of the preliminary estimated cost of the election for the Finance Commission Initiative of \$54,200 in the Town Manager’s Proposed Operating Budget for Fiscal Year 2020/21. **Seconded by Vice Mayor Spector.**

**VOTE: Motion passed 3/1. Council Member Rennie voting no.**

**MOTION: Motion by Council Member Sayoc** to direct the Town Attorney to work on a compromise and hope that the proponents would withdraw the initiative. **Seconded by Council Member Rennie.**

**VOTE: Motion failed 2/2. Mayor Jensen and Vice Mayor Spector voting no.**

11. Authorize the Town Manager to Prepare and Execute an Agreement for the Production of Music in the Park 2020, Including Any Council Direction.

Arn Andrews, Assistant Town Manager, presented the staff report.

Opened Public Comment.

Mark Secchia

- Commented on his proposal.

Closed Public Comment.

Council discussed the matter.

**MOTION: Motion by Council Member Sayoc** to approve the recommendation contained in the staff report. **Seconded by Vice Mayor Spector.**

**VOTE: Motion passed unanimously.**

**VERBAL COMMUNICATIONS**

Susan Bassi

- Commented on lack of access to public records and a documentary she is doing.

Ed Turner did not come forward.

Robert Lipp did not come forward.

Theodore Chin

- Commented in opposition to the parklet going in at Montebello and Main.

Claire Wilson

- Commented in opposition to the parklet going in at Montebello and Main.

Joanne Justis

- Commented on the traffic issues on Blossom Hill Road and requested changes be made for pedestrian safety.

Richard Kelso

- Commented in opposition to the parklet going in at Montebello and Main and inquired how to stop the parklet from going in.

Gerald Scott did not come forward.

John Eichinger

- Commented in opposition of the parklets and Santa Clara Valley Water District putting fluoride in the water.

**ADJOURNMENT**

The meeting adjourned at 11:44 p.m.

Attest:

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/s/ Shelley Neis, Town Clerk

**RESOLUTION 2020-005**

**RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF LOS GATOS  
DENYING AN APPEAL OF THE DECISION OF THE PLANNING COMMISSION APPROVING  
A REQUEST FOR CONSTRUCTION OF A NEW SINGLE-FAMILY RESIDENCE  
AND REMOVAL OF LARGE PROTECTED TREES  
ON A VACANT PROPERTY ZONED HR-2 1/2:PD.  
APN 527-09-036  
ARCHITECTURE AND SITE APPLICATION: S-18-052  
PROPERTY LOCATION: 15365 SANTELLA COURT  
APPELLANT: DAVID WEISSMAN  
APPLICANT: HARI SRIPADANNA  
PROPERTY OWNER: CHRISTIAN AND HELLEN OLGAARD**

**WHEREAS**, on January 8, 2020, the Planning Commission held a public hearing and considered a request for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 ½:PD. The Planning Commission approved the Architecture and Site application subject to conditions of approval; and

**WHEREAS**, on January 17, 2020, the appellant filed an appeal of the decision of the Planning Commission approving the request for construction of a new single-family residence and removal of large protected trees on a vacant property zoned HR-2 ½:PD; and

**WHEREAS**, this matter came before the Town Council for public hearing on March 3, 2020, and was regularly noticed in conformance with State and Town law; and

**WHEREAS**, the Town Council received testimony and documentary evidence from the appellant and all interested persons who wished to testify or submit documents. Town Council considered all testimony and materials submitted, including the record of the Planning Commission proceedings and the packet of material contained in the Council Agenda Report for their meeting on March 3, 2020, along with any and all subsequent reports and materials prepared concerning this application.

**NOW, THEREFORE, BE IT RESOLVED:**

1. The appeal of the decision of the Planning Commission approving a request for construction of a new single-family residence and removal of large protected trees on vacant property zoned HR-2 ½:PD is denied and the application is approved;

2. The Town Council hereby adopts all findings, considerations, and conditions of approval set forth in the documents attached as Exhibits A and B; and

3. The decision constitutes a final administrative decision pursuant to Code of Civil Procedure section 1094.6 as adopted by section 1.10.085 of the Town Code of the Town of Los Gatos. Any application for judicial relief from this decision must be sought within the time limits and pursuant to the procedures established by Code of Civil Procedure section 1094.6, or such shorter time as required by state and federal Law.

**PASSED AND ADOPTED** at a regular meeting of the Town Council of the Town of Los Gatos, California, held on the 3<sup>rd</sup> day of March 2020, by the following vote:

COUNCIL MEMBERS:

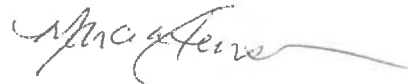
AYES: Rob Rennie, Marico Sayoc, Barbara Spector, Mayor Marcia Jensen

NAYS: None

ABSENT: None

ABSTAIN: None

SIGNED:



MAYOR OF THE TOWN OF LOS GATOS  
LOS GATOS, CALIFORNIA

DATE: 3/4/20

ATTEST:



TOWN CLERK OF THE TOWN OF LOS GATOS  
LOS GATOS, CALIFORNIA

DATE: 3/4/2020

Re: Olgaard Residence- Request for Planning Permit Extension

Site Address:15365 Santella Court; APN: 527-09-036. Architecture & Site Application# S-24-002.

Date:  
Jan 31, 2024

Community Development Department.  
110 E Main St, Los Gatos, CA 95030

Dear Planning Commissioners

On behalf of Christian & Helen Olgaard, we request extending the previously approved planning approval from the Town of Los Gatos. The Los Gatos Planning Commission and the City Council unanimously approved this proposal in January and March of 2020 respectively. Due to a few unavoidable circumstances, the project submission for the Building Department has been delayed.

This project has ambitious goals of sustainable design, such as net-zero energy consumption, LEED Gold Level Certification targets, minimal impact to the site grading and natural vegetation, as well as high quality of design and construction. The Covid pandemic caused delays in engaging and working with consultants, such as architects from Denmark for the interior design, effort and time that went into selecting a suitable general contractor significantly impacted the project schedule.

Construction document development with feedback from subcontractors and vendors is necessary for the building department submittal, which took a considerable amount of time.

After consulting with the planning and building department personnel, and our general contractor, it became clear that we would not be able to meet the planning permit deadline of March 3rd, 2024. We needed to obtain a building permit for the project and start construction to pass the first building department inspection by the permit expiration date.

With the guidance and guidance of your planning staff, we are resubmitting the same set of documents and drawings, which were previously approved. Furthermore, we are submitting relevant documents that demonstrate compliance with the updated Los Gatos zoning regulations and design guidelines, since the project was approved in 2020.

We hope the review process will be effective and efficient to grant us the extension of the planning approval. If you have any questions, or require any additional information, please contact me at your earliest convenience.

Sincerely



Hari Sripadanna AIA



**Srusti Architects**

P - 408-507-8138 [hari@srustiarchitects.com](mailto:hari@srustiarchitects.com)  
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Re: Olgaard Residence- Project Description Letter

Site Address:15365 Santella Court; APN: 527-09-036. Architecture & Site Application# S-24-002.

Date:  
Jan 31, 2024

Community Development Department.  
110 E Main St, Los Gatos, CA 95030

Dear Planning Commissioners

The project scope encompasses the development of a downward sloping, south facing, 2-acre vacant lot. This natural setting of an undulating hillside with mature oak trees offers city views from specific locations. The site has a long narrow area from the Santella Court Cul-de- sac, towards the south, that extends to a triangular shape widening in the east-west direction. The site is in a HR-2½: Planned Development Zone at the end of Santella Court.

The proposed site design features a private driveway from Santella Court, sloping down approximately 30 feet to the fire truck turn around space, in front of the home's garage. From here, a winding stair path leads to the front entrance and a side yard that extends to a patio and pool towards the north-east of the property.

This low-profile residence with a linear building form follows the site contours and levels so that the structure appears integrated into the hillside. This two-level home will appear as a single-story home, to the majority of the neighbors as three sides of the lower level are tucked into the hill. The roof rises with the hill and the majority of the roof would be only 15 feet from the grade level. This house siting has a minimal impact on the existing grade and vegetation.

The north south orientation of the home produces the maximum amount of solar energy to achieve net zero energy use. This two-level single-family dwelling with 4 bed, 4 1/2 bath and 3 car garage, 5,840 sf of countable floor area, and 756 sf of below grade space will be constructed, with a LEED Gold Level Certification objective, in an HR-2 ½ Planned Development Zone.

Much of the home space will be at the lower level, with private spaces such as bedrooms, media and family rooms, and a wine cellar, as well as a garage. The upper level will have an entry foyer, kitchen, dining, and living areas.

This building will be adorned with sintered stone panels of natural, earth-toned colors. The entry door will have a wood finish, and the windows and garage door frames will have a dark oxidized metal finish. A significant portion of the landscaping adjacent to the building will include native, drought-tolerant plants and most of the site will remain in its natural state preserving the existing oak trees and other surrounding vegetation.

If you have any questions, or need any additional information please contact me at your earliest convenience.

Sincerely



Hari Sripadanna AIA C-30730



**Srusti Architects**

P - 408-507-8138 [hari@srustiarchitects.com](mailto:hari@srustiarchitects.com)

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Re: Olgaard Residence- Project Justification Letter  
Site Address:15365 Santella Court; APN: 527-09-036. Architecture & Site Application# S-24-002.

Date:  
Jan 31, 2024

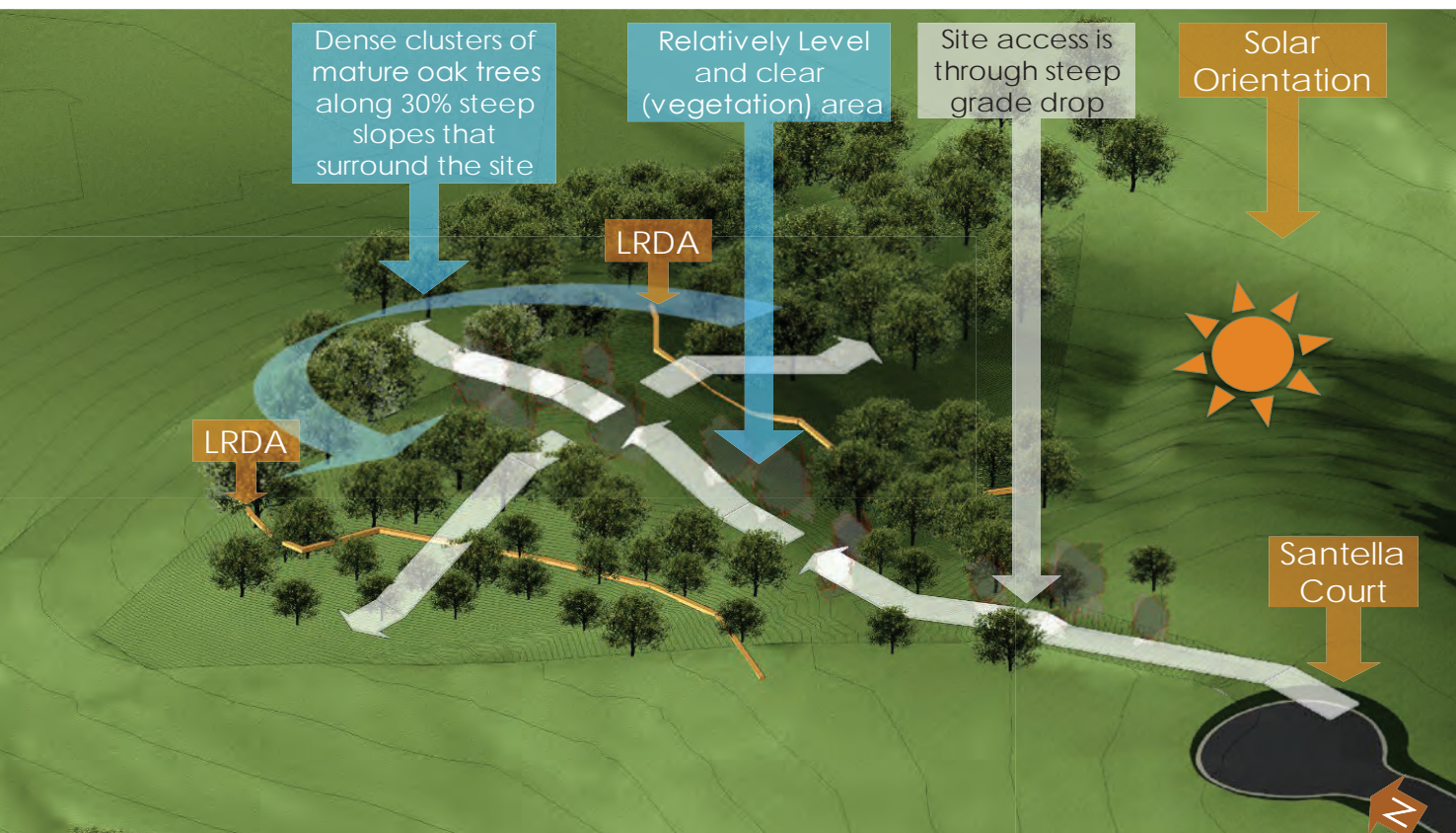
Dear Planning Commissioners  
Community Development Department.  
Town of Los Gatos

On behalf of Christian & Helen Olgaard, we request the Town of Los Gatos to extend the previously approved planning Permit.

The proposed single-family home design to be developed on a vacant lot has two-levels, 4 bedrooms, 4 ½ baths and 3 car-garage of 5,840 sf. allowable floor area and a 756 sf below grade (basement) space. The Los Gatos Planning Commission and the Town Council unanimously endorsed this proposal in January and March of 2020. Please see attached approval documents.

However, due to some unavailable circumstances, the project submission for the Building Department has been delayed. With the guidance and guidance of your planners, we are resubmitting the same set of documents and drawings, which were previously approved. Furthermore, we are submitting relevant documents that demonstrate compliance with the updated Los Gatos zoning regulations and design guidelines, since the project was approved in 2020.

### **EXISTING PROPERTY DESCRIPTION**



*Figure 1 Site and Neighborhood Terrain was modelled based on topography drawings and Google Earth*

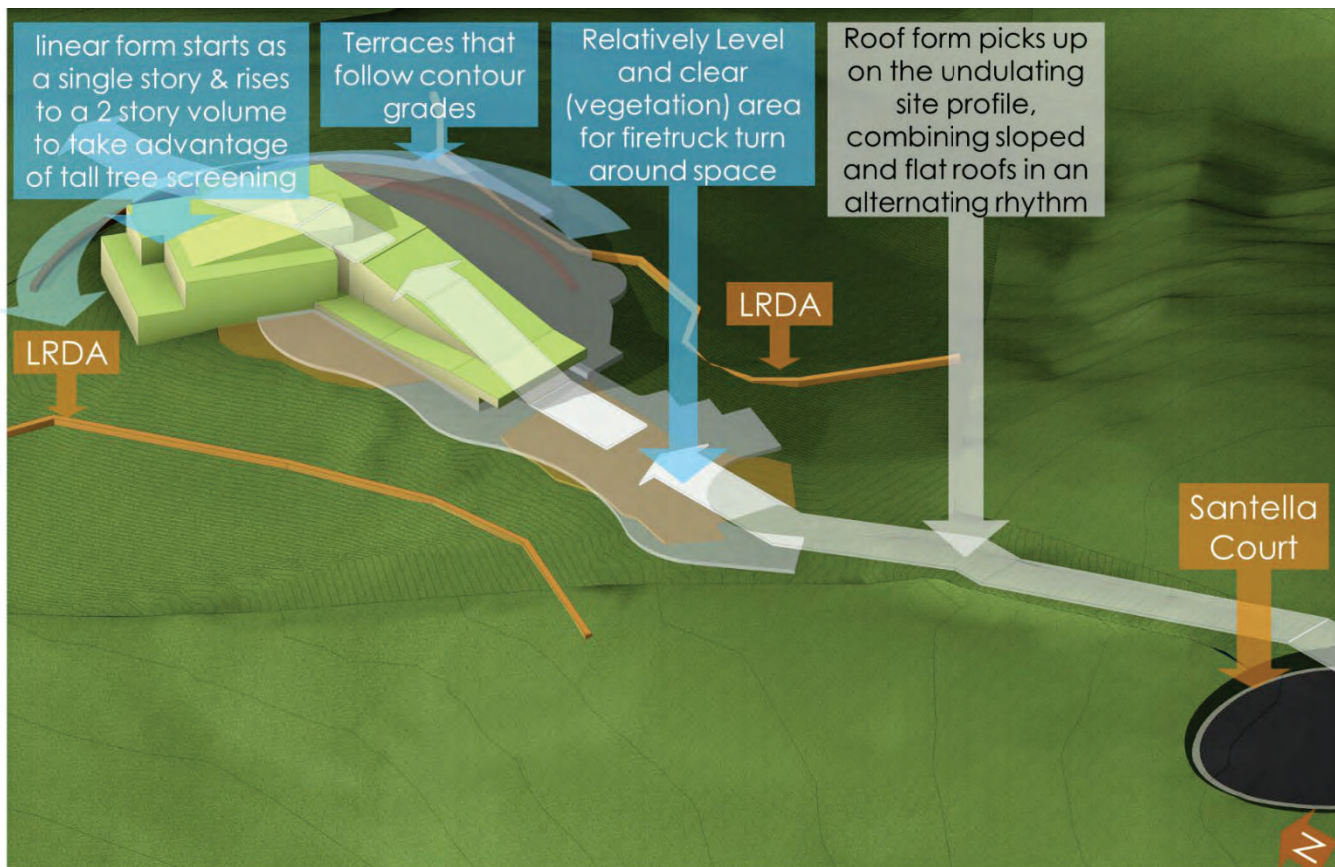
The site is part of the planned development of Highlands of Los Gatos subdivision that encompasses approximately 66 acres of custom hillside residential lots, accessed from Shady Lane and Gum Tree Lane. This 2-acre vacant property, situated on the north end of Santella Court, presents many great opportunities and some limitations that we carefully researched and mapped before any placement of the proposed residence was considered.

The project scope includes the development of a downward sloping, south-facing flag lot with a natural setting of lush hillsides and oak trees. In contrast to the other street-level homes on Santella court, this proposed residence would be situated significantly lower on the hillside and accessed through a private driveway. From here, the lot reaches a triangular shape forming in the east-west direction. The site is surrounded by dense clusters of mature coast live oak and blue oak trees along its slopes, with a small relatively clear and level area that extends to the rear. The arborist's tree inventory contains 44 trees (with some undocumented along inaccessible slopes) in either good or fair condition, 4 trees in poor health, and one that fell due to natural causes after the arborist report was prepared. The land descends to a steeper slope along the perimeter of the property. Due to these steep 30% slopes surrounding the site, the LRDA is limited to the level area in the middle of the property.

## DESCRIPTION OF PROPOSED RESIDENCE

### Site Design

Given all the opportunities and constraints, and with considerable deliberation, we chose a linear form for the house, and a winding driveway to reduce the slope. We chose these forms for their adaptability to the shape of the site grading contours and to reduce tree removal. The private driveway from Santella Court slopes down to the fire truck turnaround/visitor parking area in front of



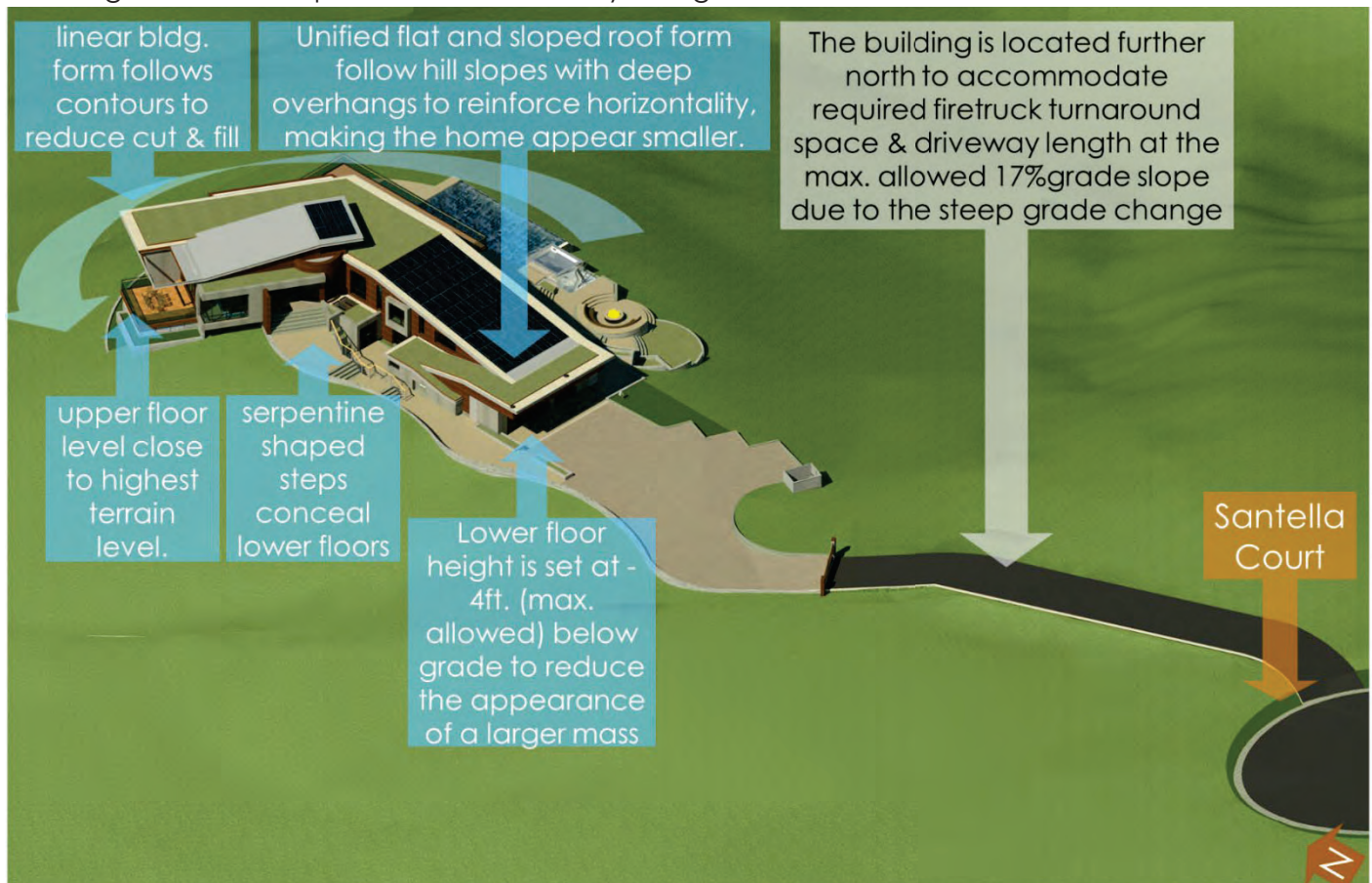
the residence's garage. From here, a winding stair path leads to the front entrance and a side yard that extends to a patio and pool towards the north-east of the property. The site and hillside slopes are stable and geotechnically suitable for the proposed structure. The geologist report is included in this submission, which has been approved by peer review.

**Site grading**

The driveway design became a crucial component of the site layout, and was characterized by the narrow and steep terrain, existing trees, firetruck turnaround space requirements. We utilized the level changes in the terrain to create floor levels that closely aligned to the adjacent grades. As the land dipped and flattened out at the firetruck turn around space, we set the lower floor level 4ft (maximum permissible cut) below grade to reduce the appearance of a larger mass. As the height of the terrain increased to the rear of the property, we set the upper floor level close to the higher level. A series of serpentine shaped steps rise with the existing grade to access the upper level concealing the lower-level floor below and effectively transforming the building into a single-story home. As the terrain slopes more gradually on the east side of the home, we created terraces that adhere to contour grades, which open to the lower floor level, thus reducing cut and fill. The upper floor level was able to access the outdoor deck set close to the higher terrain level on the west side of the home. This approach reduced the cut and fill volumes and height of retaining walls.

**Articulation of the building mass**

We designed the linear form to begin as a single story at the garage, and to increase to a two-story volume towards the rear. This shape enables screening of the larger mass by tall trees along the north and the west property lines, which form a dense cluster around the building. There are 15 trees, including the 4 trees in poor condition, mostly along the exterior of the site that will be removed to



construct the residence and driveway. This low-profile residence with a linear horizontal building form follows the site contours and levels so that the structure appears integrated into the hill side. At the north end of the property, the building form turns 60 degrees after the contours, creating a backdrop for the terraces and patio areas to follow. Following the terrain along the contours, reduces the amount of grading required and integrates the building into the site.



### Building Features

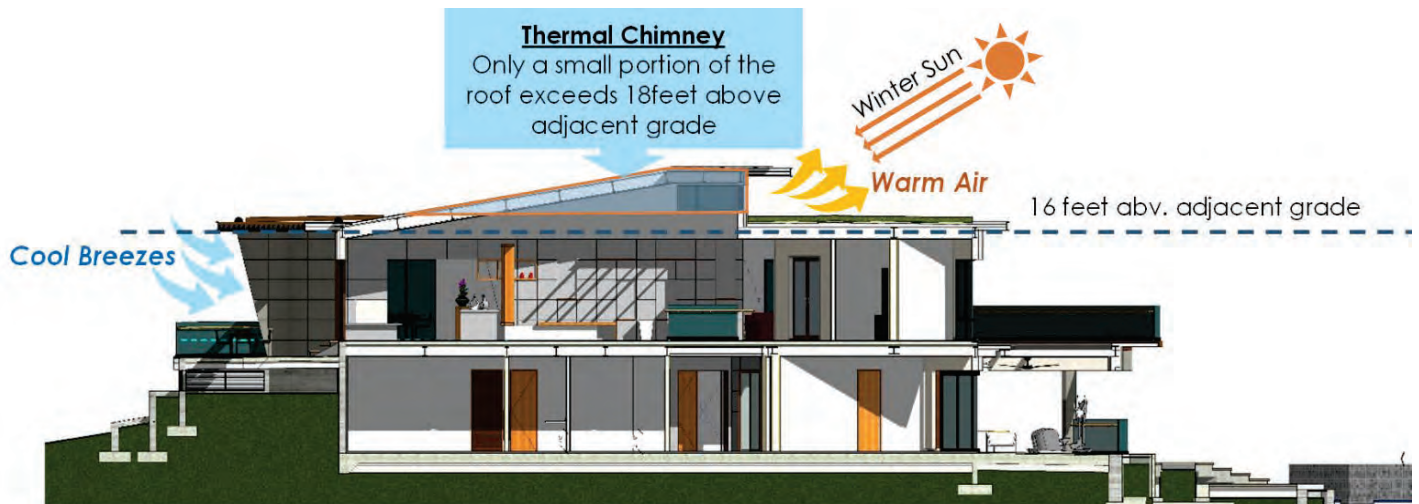


The building roof structure is based on the undulating site profile, combining sloped and flat roofs in an alternating manner. The alternating flat and sloped rhythms create a unified roof structure, consisting of live green roof and photovoltaics. Much of the home will be located at the lower level with private spaces such as bedrooms, media and family rooms, and a wine cellar, as well as a garage. The upper level will have an entry foyer, kitchen, dining, and living spaces that offer breathtaking views of the distant hills. The contemporary home design with doors and windows that open to the outdoor spaces merge them seamlessly with the indoors to maximize the enjoyment of natural settings and

the moderate weather we all enjoy in California. The house wraps around the entrance courtyard with operable windows to catch the summer breezes from the west to naturally cool the house. The exterior of the home has an insulated rain-screen system clad with sintered stone panels.



These earth toned sintered stone panels are installed every 2 ft in vertical direction to emphasize the horizontal nature of the building. The aluminum windows and door frames with a dark oxidized metal finish match the horizontal and vertical lines of the stone cladding system. The glazing of doors and windows is clear to provide more natural light indoors and reduce reflection to the exteriors. This glazing has a heat reflective coating on the inner side to reduce glare and enhance the thermal performance of the home.



**Figure 9: Passive Solar Design**

Only a small portion of the roof extends beyond a height of 18feet to create a clearstory windows. (homes below 18 feet height wouldn't be considered as a visible home). This roof structure is a thermal chimney, a crucial component of the home's passive solar design. It brings in cool air in the summer and warmth from low angle sun in the winter.

## COMPLIANCE WITH HILLSIDE DEVELOPMENT STANDARDS & GUIDELINES

In addition to what was identified above, the proposed home specifically addresses the Hillside Development Standards and Guidelines as follows:

### Justification for home size in the immediate neighborhood

The proposed home is both smaller in total size and smaller in appearance than others in the neighborhood. This home area when below-grade is also considered, is smaller than the neighborhood homes. To illustrate the point, we have created a neighborhood floor area comparison sheet that shows the floor areas including below grade areas. For example, the home at 15310 Santella Court has 5,671 sf floor area, which is smaller than the proposed home with 5,840 sf of floor area. If the below grade area is included, the total home floor area for 15310 Santella Court is 7,425 sf, which is larger than the total area of this proposed home of 6,596 sf. This neighborhood home situated on a relatively large area and all the home's upper mass is visible to the observer. To reduce the appearance of a large home size, more of the area was allocated to the below grade for this project. See picture below (courtesy -Redfin website).

This home would be located significantly lower on the hillside, compared to the other street level homes on Santella court. This home design reduces the appearance of a larger residence due to the home sitting and the articulation of the massing.(see rendering on previous page). This slender shape, split-level design and low-profile home with the roof close to the ground, will appear smaller than a traditional home with traditional hip and gable roofs. We have attached the neighborhood comparison data for your reference.



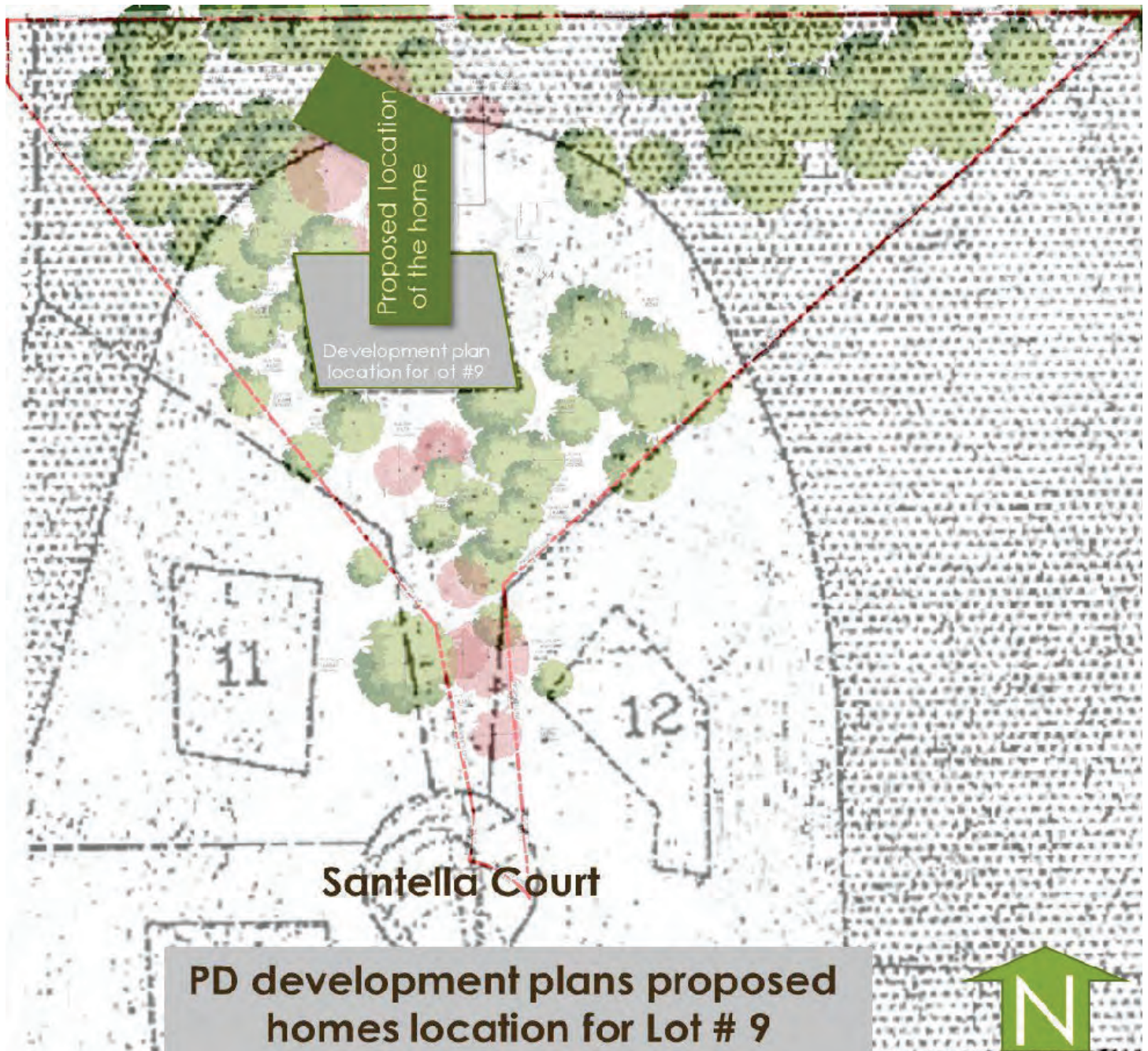


### Siting of the home

Following a detailed review of the site conditions, we placed the home further north than the location indicated in the approved PD development plans. The image below shows the original location in the PD development plans that were overlaid by our proposed home.

Below are several compelling reasons:

- Due to the flag lot shape and the narrow access exceeding 150 ft, we were required by the Santa Clara County fire department to construct a large fire engine truck turn around space with a shallow grade at the end of the driveway.
- The building location was pushed further north to accommodate the required the fire truck turnaround space and driveway at the maximum allowed 17% grade slope.



- We chose a linear mass for the home to reduce the impact of the building footprint on the existing tree locations. This enabled us to preserve many native oak trees, increase the tree screening and reduce visibility of the home to the neighborhood.
- The linear building structure also followed the site grading contour levels to have the house sit at a lower level, reduce site grading and overall building height. We achieved this by partially building into the hill side to maximum allowed depth of 4 ft cut, so that the structure appears as an integrated part of the terrain.
- The north-south direction of the home allows the maximum amount of solar energy to be harvested.



**Specific site conditions that influenced the location of the home within the site**

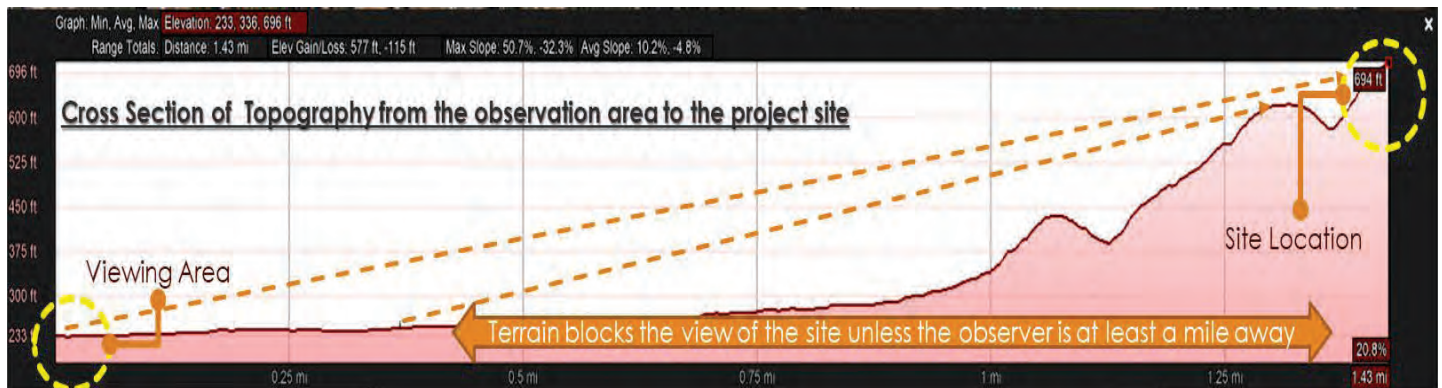


**Project visibility analysis**



*Figure 2: "Sketchup" and Google Earth were used to configure the location and altitude of the View angles.*

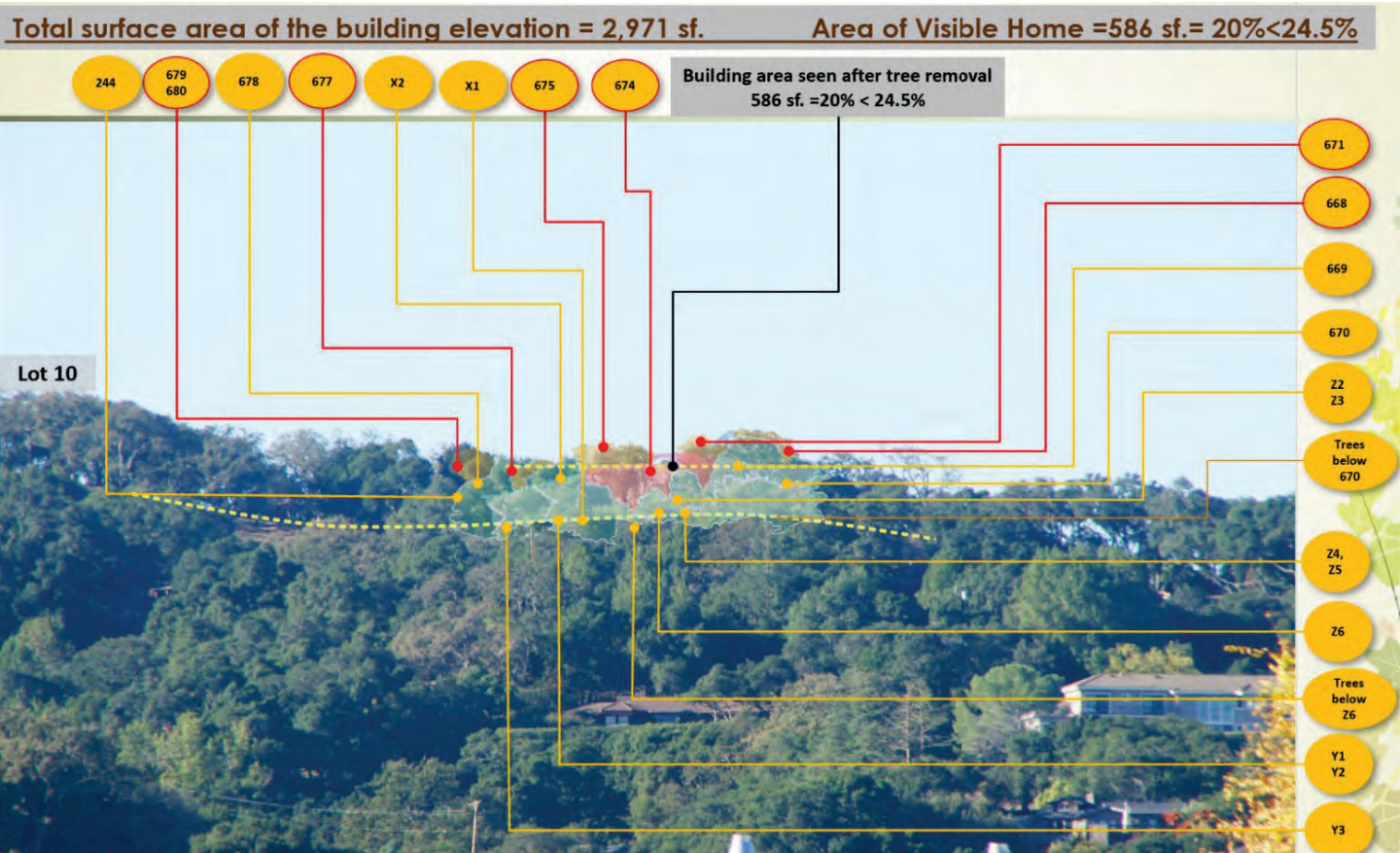
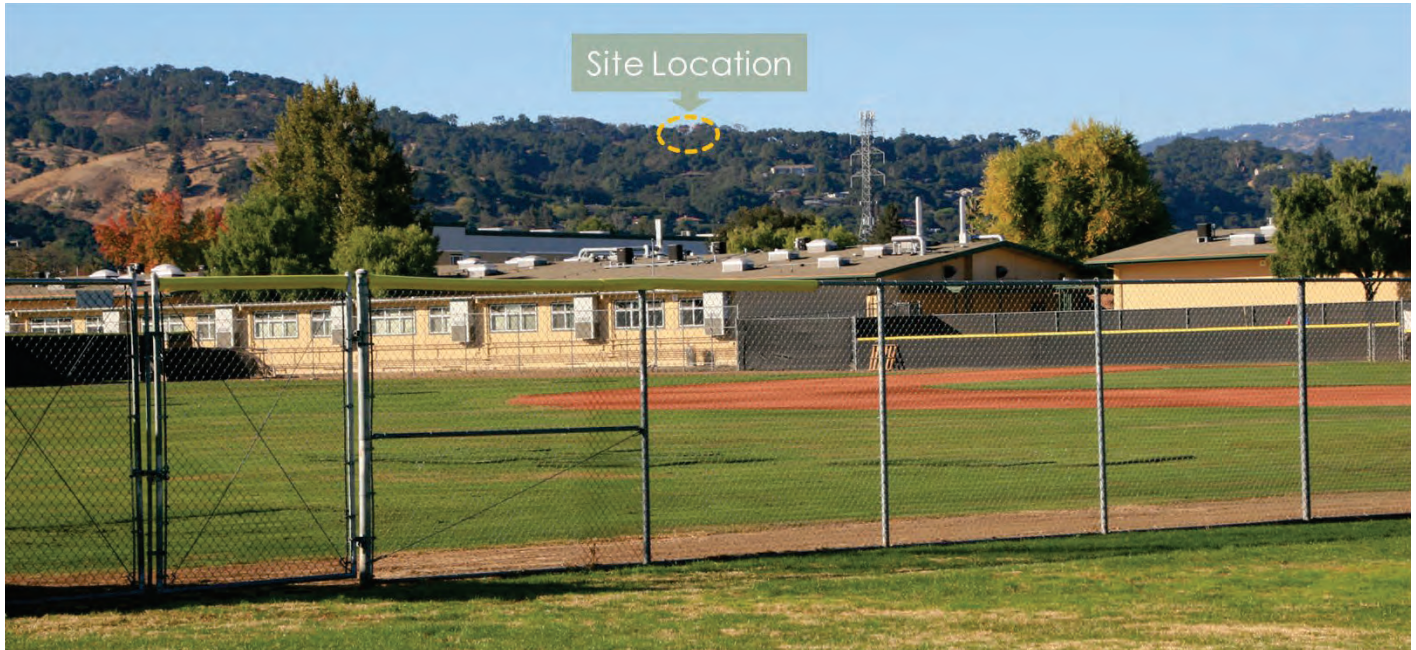
We have conducted an extensive examination of the site, the surrounding landscape, the screening of mature trees in the vicinity, and the visibility of the project from the viewing areas. **Blossom Hill/LG Blvd.** and **Selinda Way/LG Almaden Rd.** viewing areas were identified as the two viewing areas nearest to the project from where the home could potentially be seen. Our initial research with the computer model indicated that the project would not be seen from Blossom Hill /LG Blvd intersection viewing area due to dense tree cover. This was later confirmed by the subsequent pictures taken after the story-poles were installed.



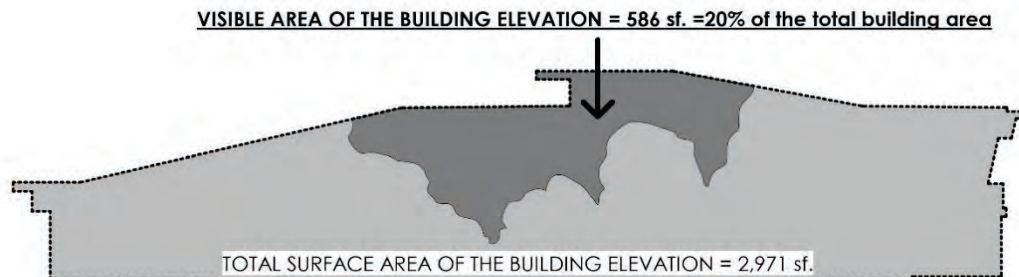
*Figure 7: Terrain in front of the home blocks the view of the home from nearby.*

We then focused on our study on the Selinda Way/LG Almaden Rd. viewing area. When we examined the cross section of the topography of the hillsides and the ridges from the Selinda Way/LG Almaden Road, it became evident that this project site would not be seen from anywhere nearby. The home would not be seen due to a secondary ridge in front of the site unless the observer is a mile or more away. In the illustration above, the view is blocked when an observer enters within a mile of the project.

The property is barely visible with the naked eye when seen from a **mile away**. This picture below is taken from Selinda Way/LG Almaden Rd. intersection, which is further than a mile away. To get an unobstructed view we took the 50mm lens picture (below) from the Lee high school fence. To accurately view this site, one would need 300 mm telephoto lens standing a mile or more away, as it is not possible to see it closer due to the ridge in the front.



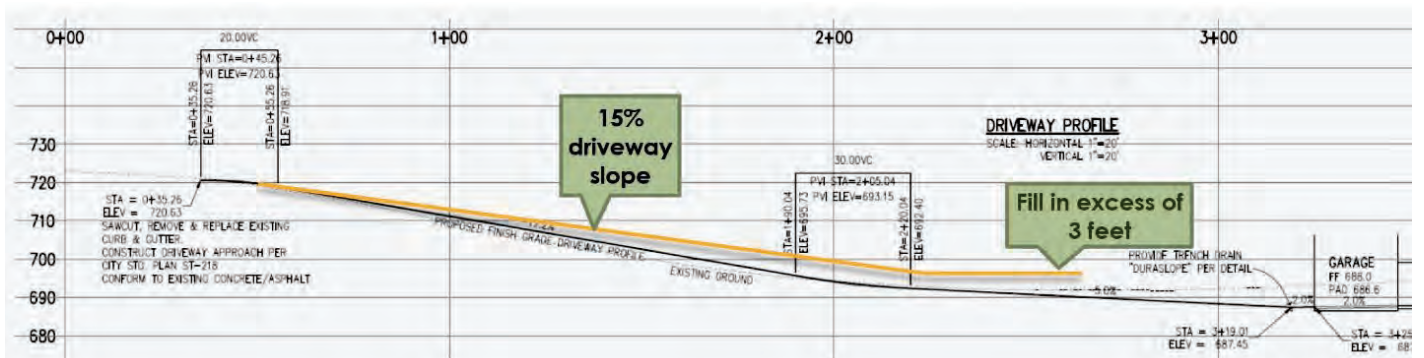
Our subsequent detailed analysis based on the updated design guidelines and zoning regulations indicated that only a portion of the home (that is less than 24%) would be seen with a 300 mm telephoto lens. This was confirmed by subsequent images taken after story-poles were installed as shown in the images and elevations above. This home would not be considered a visible home by Los Gatos HDS&G. We included a comprehensive and comprehensive analysis of home's visibility.



**Grading for driveway and visitor parking**

As previously mentioned, the narrow and steep terrain at the entrance of the site affects the design of the driveway.

- We utilized the shallow terrain to create the firetruck turn around space, and guest parking. Staying close to the terrain and utilizing the shallow grade allowed us to meet the fire truck turn-around space clearances & grading slope (5% maximum) and the HDS&G cut and fill requirements.
- The 5% slope of the firetruck turn around space enabled us to set the home's lower floor height 4ft below grade to reduce the appearance of a larger mass.
- As the terrain reached the rear of the property, we set the upper floor level close to the higher terrain level.



- A series of serpentine shaped steps rise with the existing grade to access the upper level, masking the lower-level floor below and effectively transforming the home into a single-story home.

We requested a driveway slope of 17%, versus the typical 15%, for the following reasons-

- A driveway slope of 15% would cause the lower parts of the driveway at the firetruck turnaround space to exceed the 4ft maximum fill requirement of HDS&G.
- A driveway slope of 15% would also require the home to relocate further north due to the fire truck turnaround space requirements and that would encroach into the rear setback area. A 17% slope allows the firetruck to turn around space closer to the cul-de-sac and locate it in the shallow existing terrain area (relatively free of mature trees) and ensures the grading is compatible with HDS&G requirements.
- We met with the Fire Marshal early in the construction process and had his consent for a 17% slope for the driveway. We also collaborated with the lot #8 design team to provide a lower desired driveway access level for their site, as it is shared with this neighbor.

### **Neighborhood friendly, site design**

Privacy of the neighbors is protected by dense surrounding vegetation and the additional landscape screening proposed along the north property line.

- All the upper-level doors, windows and outdoor areas face away from neighbors' properties.
- Outdoor activity areas at the lower level are designed to face the eastern side of the property which is further away from the immediate neighbors. These outdoor activity areas are also surrounded by dense vegetation.
- All four adjacent neighbors have reviewed the design drawings and have no concerns regarding the design.

### **Sustainable Design**

The sustainable design elements of this home include a net zero energy design and LEED certification. The homes orientation utilizes the clear shade free area in front of the home for incorporating the photovoltaic system into the sloping roof.



***Figure 10: Sustainable Net Zero Energy Design***

### **Passive Solar Design**

All the living and active spaces at the upper level open to the south-southeast orientation to allow low angle winter sun to enter and the deep overhangs over openings protect them from summer heat gain. The home wraps around the entry courtyard to capture summer breezes for cross ventilation. The clear story windows at the high level create a stack effect such as a chimney to let warm air out while drawing cooler air from the lower level.

### **Hi performance Thermal Envelope**

The home has a rainscreen wall system with sintered stone panel cladding. It breathes much like our skin, with an airgap behind the exterior cladding to let any moisture in the building escape. Layers of high-performance insulation, which are located behind airgap, reduce building heat gain or loss.

### **Live Green Roof**

The live roof will feature succulent plants that collect and filter rainwater, while keeping the home cool. Once these plants are established, they can survive with low water usage, using drip irrigation in summer.

### **Geothermal and Solar Thermal Heating Systems**

The home's domestic hot water, pool/jacuzzi, cooking, heating / cooling, and other home energy loads are reduced by solar thermal and geothermal systems. The geothermal system utilizes the earth's temperature of 60° F to pre-heat or cool the water for the electric HVAC heat pump. This Heat pump further cools or warms this water and circulates it throughout the home's highly efficient radiant heating/cooling ceiling panels. Solar thermal roof panels heat the domestic hot water for daily use and pool /Spa from spring to autumn.

### **Photovoltaic System for NET Zero Energy Use**

A 48,400 kwh/year photovoltaic (PV) system for the home shall be designed to offset 100% of the anticipated energy usage of the home its occupants, on an annual basis. The roof mounted photovoltaic system will provide enough electricity for all the home's energy needs, and also for charging for two electric vehicles.

### **LEED Certification**

Among all other stringent requirements for the LEED certification, we are considering rainwater harvesting and grey water from showers for landscape irrigation. Our current estimation of LEED V4 for Homes certification credits totaled 76.5 points, close to certification thresholds for LEED Gold or Platinum.

### **Fire safety**

The home design incorporates the following fire safety measures and complies with stringent Wildlife Urban Interface standards and HDS&G;

- Fire rated exterior envelope with ceramic panel exterior cladding.
- All steel structure with concrete slab foundation, floors and retaining walls.
- Fire sprinkler system.
- Tempered exterior glazing.
- The undersides of roofs and decks are protected with noncombustible materials.
- Live green roof with succulent plants.
- The 100 feet defensible space for landscaping.
- An 18 ft. wide firetruck access road and location of turn-around space deep into the property for firefighting access.

- Drought tolerant landscaping with underbrush cleared.

The Fire department also reviewed the project site for its conformance of the Fire Safe Regulations, per 14 CCR § 1270.02. and approved it for construction. A copy of the approval is attached with this document.

### **Building height, bulk and mass**

This home utilizes a sloped lot to reduce the appearance of larger home with home sitting and the articulation of the massing. This low-profile home with a slender shape, split-level design and a continuous roof that is close to the ground will appear as a single-story home. The following design strategies are utilized to minimize bulk and mass:

- The linear form of the home begins at the garage as a single story and rises to a two-story volume towards the rear. This shape enables screening of the larger mass by tall trees along the north and the west property lines, reducing the impact of a taller mass.
- The varying flat and sloped roof forms follow the hill slopes with deep overhangs to reinforce horizontality, resulting in the home appearing smaller.
- The live roof blends with different site terrain patterns in its form, color, and texture.
- Most of the roof adheres to the site slopes at a 18 ft maximum height from the adjacent grade. A small portion is formed as a clearstory element in the roof composition at 22 feet from the adjacent grade. This small clearstory roof area is only 15% of the overall roof area and is setback from the exterior face. This is the only element of the building that is higher than the rest of the roof, but it is crucial to the roof structure, massing composition, and indoor air circulation.

### **Selective use of glazing**

This contemporary residence is designed to have a strong connection to outdoor spaces and bring in the natural beauty of the site. The doors and windows with dark oxidized aluminum frames are integrated with the rhythms and patterns of the exterior sintered stone panels to make the home appear smaller, lighter, slender and delicate. They are integral part of the exterior building skin and the architectural composition. The exterior panels with low LRV surface material values are punctuated by the window openings used selectively at critical locations. The solid structure with its projections, roof awnings and recesses reduces the continuity of the glazing. They are deliberately placed to frame the views of the distant hills and away from their neighbors to protect their privacy. The dense tree cover and surrounding hillside ridges also offers them privacy from all lower-level views.

### **Materials and colors**



All materials colors and textures conform with HDS&G. See images above.



The two primary exterior sintered stone (such as ceramic tile) cladding panels are of earth tones (warm gray and oxidized iron colors) have low LRV values of 17 and 12. Stained concrete retaining wall have a LRV value of 13. All are maintenance free durable materials. Exposed metal surfaces shall be painted to complement adjacent materials or anodized to a dark color. The glazing used is a low-reflective and energy-efficient coating. The live roof system will have the same colors and textures of the native vegetation. The cumulative LRV of the home is 13.

### **Landscaping & retaining walls**

The landscape design is a crucial element in creating the seamless transition of indoor-outdoor spaces. The interior spaces open directly to the terraces with natural travertine stone or wood decking. The terrace levels set close to the existing grades minimize cut and fill quantities and reduce the height of the walls.

The driveway surface is asphalt up to the entry gate of the home, and then paved tile to support the fire trucks and vehicular traffic in front of the home. All site retaining walls are equal to or less than 4 ft in height. They will be constructed with textured concrete walls that have a natural appearance and allow water to seep through weep holes.

Most of the landscaping is specified to be native Californian, deer resistant and drought tolerant. The landscaping is also designed to complement the native landscaping and most of the property will remain in its natural state in perpetuity. The clearing of underbrush will reduce wildfire hazard by creating a 100 ft defensible space for planting. All outdoor spaces, seating areas and the pool are located away from the neighbors to maintain the privacy of the neighbors and the homeowners.



### **CONCLUSION**

This design has been designed and developed from the beginning to enhance and enhance the natural beauty of the hillside area. The home is designed to be incorporated into the land to become part of the harmonious nature. The design closely adheres to Hillside Development Standards and Guidelines in its intent, scale, colors, massing, and overall design. This proposed project has already been unanimously approved both by the Los Gatos Planning commission and the City Council in January and March of 2020. This project also complies with all updated Los Gatos zoning ordinances and design guidelines, since the project's approval in 2020.

We hope the review process will be timely and efficient and that you will grant us the extension of the planning approval at your earliest convenience. If you have any questions, or need any additional information please contact me at your earliest convenience.

Sincerely



Hari Sripadanna AIA C-30730

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We collaborate to create sustainable spaces.

[www.srustiarchitects.com](http://www.srustiarchitects.com)

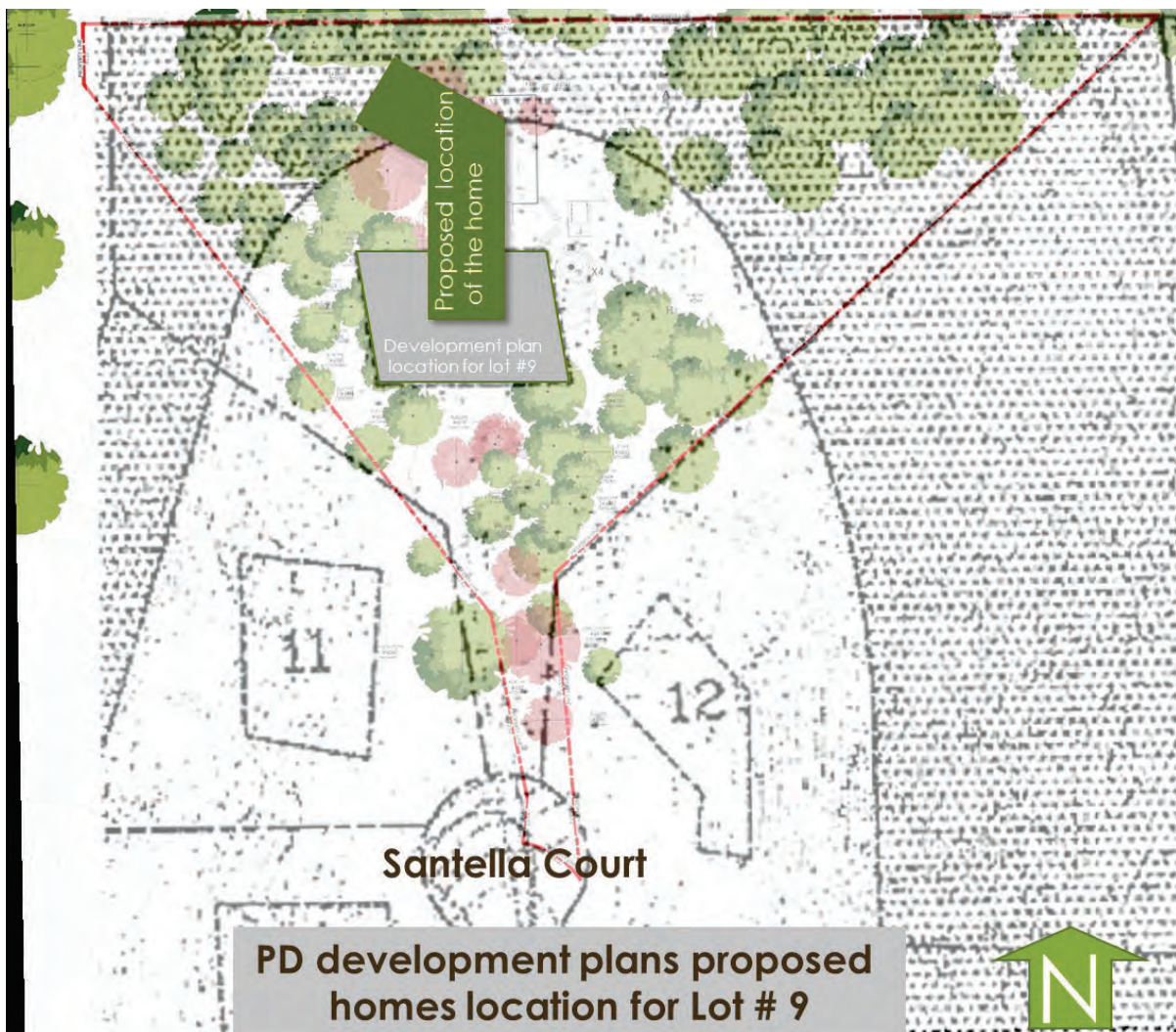
Re: **Olgaard Residence-Letter of justification supporting location of the home & driveway grade**  
Site Address:15365 Santella Court; APN: 527-09-036. Architecture & Site Application# S-24-002.

Date:  
Jan 31, 2024

Dear Planning Commissioners  
Community Development Department.  
Town of Los Gatos, 110 E Main St, Los Gatos, CA 95030

This letter is a response to the planning department's request to justify the proposed house sitting. Proposed location of the home deferred from Condition #6 of the PD- *"locate a home within the grading envelopes shown on the Official Development Plans unless it can be demonstrated that another location is more appropriate for the lot."*

Following a thorough evaluation of the site conditions, we situated the home further north than the location indicated in the approved PD development plans. The image below shows the original location displayed in the PD development plans overlaid by our proposed location of the residence.



There are several compelling reasons for this decision. See image below.



**Specific site conditions that influenced the location of the home within the site**

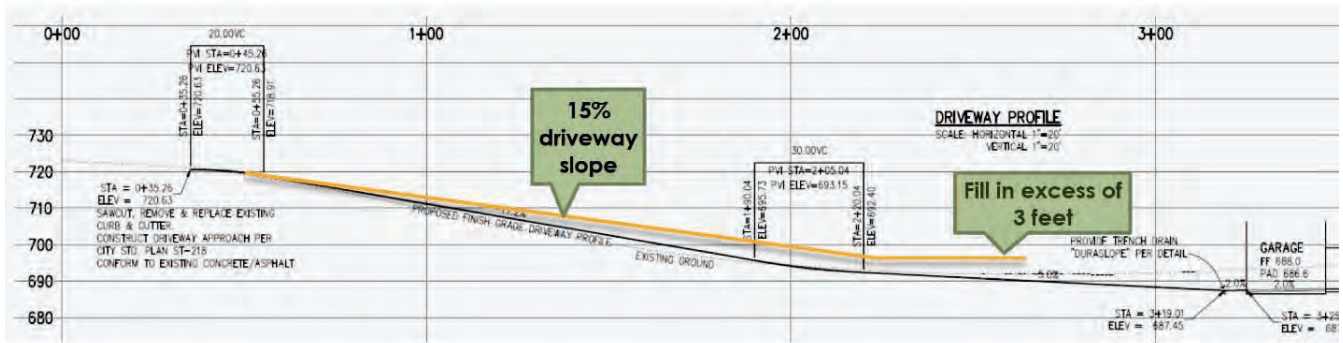


- Due to the flag lot shape and the narrow access exceeding 150 feet we were required by the Santa Clara county fire department to create a fire engine truck turn around space of 55 feet by 75 feet with the grade level of the turnaround space not exceeding 5%, at end of the drive way.
- We have already increased the maximum allowed driveway slope 17% to shorten the driveway, however the minimum length of the driveway for the vertical grade change of 30 feet and the firetruck turnaround space necessitated the building to be located further north.
- We chose a linear mass for the home to reduce the impact of the building footprint on the existing tree locations. This enabled us to save numerous native oak trees, increase the tree screening and reduce the visual impact of the home to the neighborhood.
- The linear building form also followed the site grading contour levels to provide the house with a lower level, reduce site grading and the overall building height. We achieved this by burying

the home into the hillside to a maximum depth of 4 feet so that the structure appears to be an integral part of the environment.

- The north south orientation of the home allows the maximum amount of solar energy to be harvested. We have set a goal of net zero energy use for this home while providing electric energy for two automobiles.

**Justification of the driveway slope exceeding the max allowed slope of 15 %**



- A driveway slope of 15% would cause the lower parts of the driveway at the firetruck turnaround space to exceed the 4ft maximum fill requirement of HDS&G.
- A driveway slope of 15% would also require the home to relocate further north due to the fire truck turnaround space requirements and that would encroach into the rear setback area. A 17% slope allows the firetruck to turn around space closer to the cul-de-sac and locate it in the shallow existing terrain area (relatively free of mature trees) and ensures the grading is compatible with HDS&G requirements.
- We met with the Fire Marshal early in the construction process and had his consent for a 17% slope for the driveway. We also collaborated with the lot #8 design team to provide a lower desired driveway access level for their site, as it is shared with this neighbor.

I hope this clarifies our justification for minor deviations from HDSG standards. If you have any questions, or need any additional information please contact me at your earliest convenience. Sincerely



Hari Sripadanna AIA



**Srusti Architects**

P - 408-507-8138 [hari@srustiarchitects.com](mailto:hari@srustiarchitects.com)  
We collaborate to create sustainable spaces.  
[www.srustiarchitects.com](http://www.srustiarchitects.com)

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November 27, 2023

Erin Walters  
Associate Planner  
Community Development Department  
110 E Main Street  
Los Gatos CA 95030



## Monarch Consulting Arborists

Richard Gessner  
P.O. Box 1010 - Felton, CA 95018  
1 831 331 8982  
www.monarcharborists.com

This letter is to confirm the recent site assessment for any changes in previous reports contained here within. The applicant has requested a review of specific trees and areas around the proposed site development for view obstruction purposes.

On October 17, 2023 I revisited the site to review the request (Appendix A). The applicant is requesting I “document their size, height, and health as much as possible”. Based on my review of the current conditions there are no changes to previous assessments and no changes in tree condition that would affect the view platform vantage points (nothing has died or was removed that would be affected in the request).

As indicated in my addendum on August 15, 2019 “I tried to locate the trees based on the provided map but the area is very dense with poison oak (*Toxicodendron diversilobum*) and is nearly impenetrable without a machete and/or Tyvek suit.”

The aerial images provided indicate the tree crowns are dense and tree health is adequate.

Richard J. Gessner

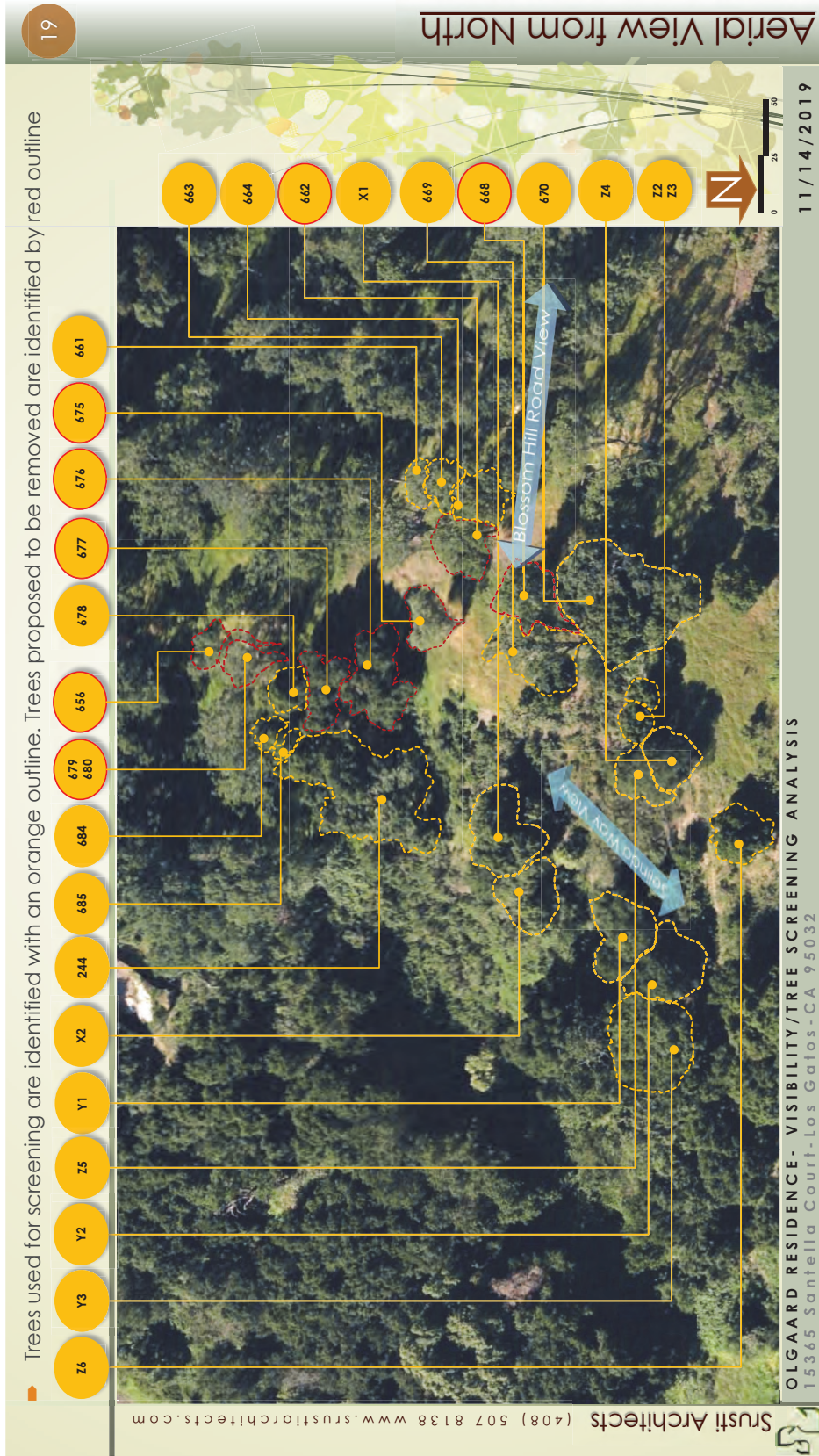
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ISA Board Certified Master Arborist® WE-4341B

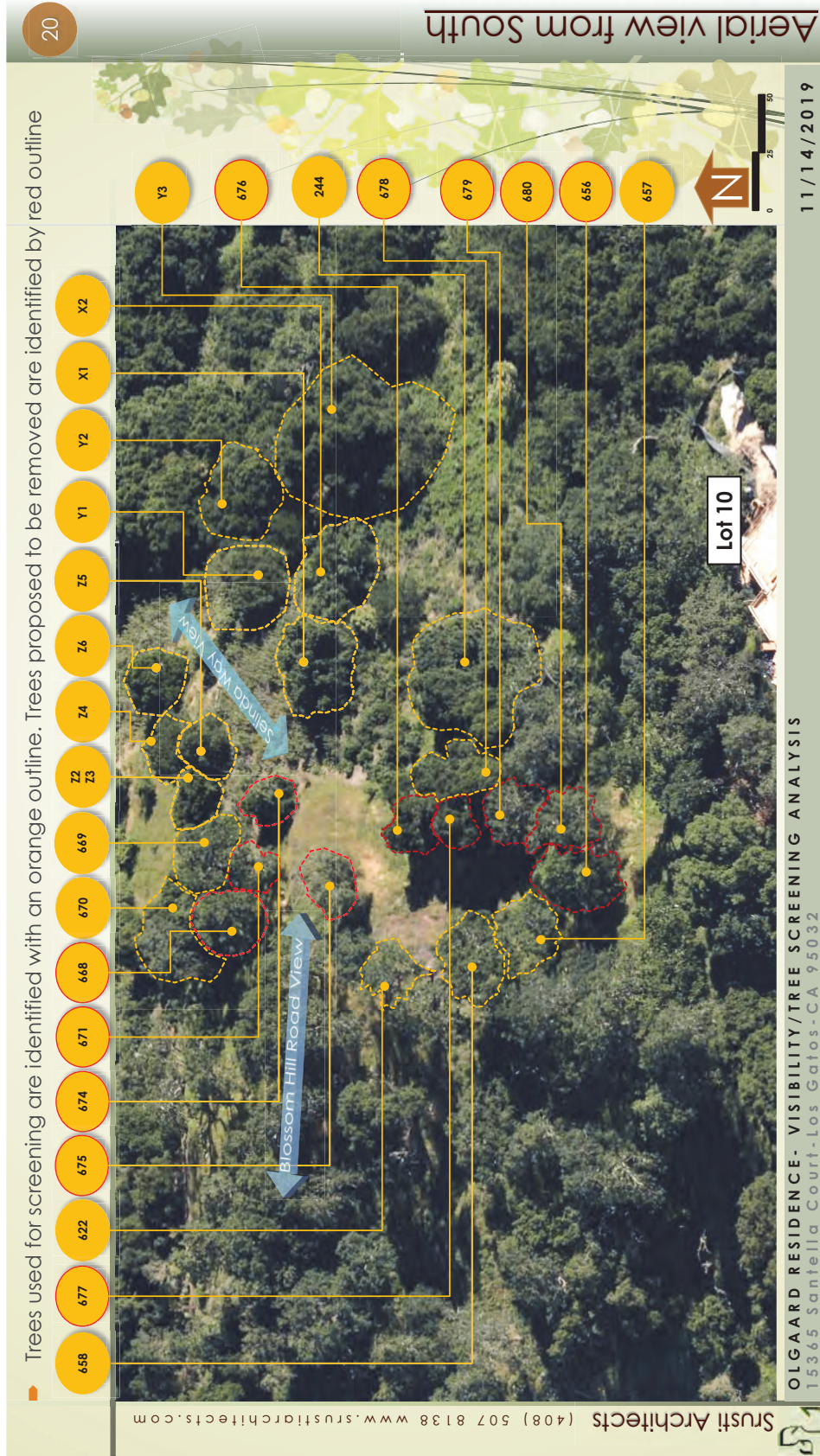


# Appendix A: Applicant Request









August 15, 2019

Erin Walters  
Associate Planner  
Community Development Department  
110 E Main Street  
Los Gatos CA 95030



I was asked to locate and inspect the indicated additional trees down slope on 15365 Santella Court (Appendix A). The trees were to be assessed as part of the visibility analysis to help determine their condition. One tree had previously been labeled #224 “blue oak” which is in fact a 36 inch trunk diameter coast live oak (*Quercus agrifolia*).

I tried to locate the trees based on the provided map but the area is very dense with poison oak (*Toxicodendron diversilobum*) and is nearly impenetrable without a machete and/or Tyvek suit.

The area where the trees are located to the northeast is a dense stand of coast live oaks (*Quercus agrifolia*). The composition of plants are typical for this area and there are the usual oak woodland species such as poison oak, manzanita (*Arctostaphylos sp.*), and coyote brush (*Baccharis pilularis*). The majority of trees are naturally occurring coast live oaks, most with multiple trunks approximately 8-10 inches in diameter, and are about 25 to 35 feet tall with 25 to 35 foot canopy diameters. This stand of trees along the northeast portion of the site is in good condition with dense crowns and normal foliar color and size (Appendix B). Along the northwest portion there were three trees on the lower slope indicated in the plan which are all blue oak (*Quercus douglasii*) with trunk diameters about 10 to 12 inches and are approximately 30 feet tall with crown diameters of about 30 feet. These trees are in fair to good condition growing amongst the stand indicated as #1 and #2 in my original report.

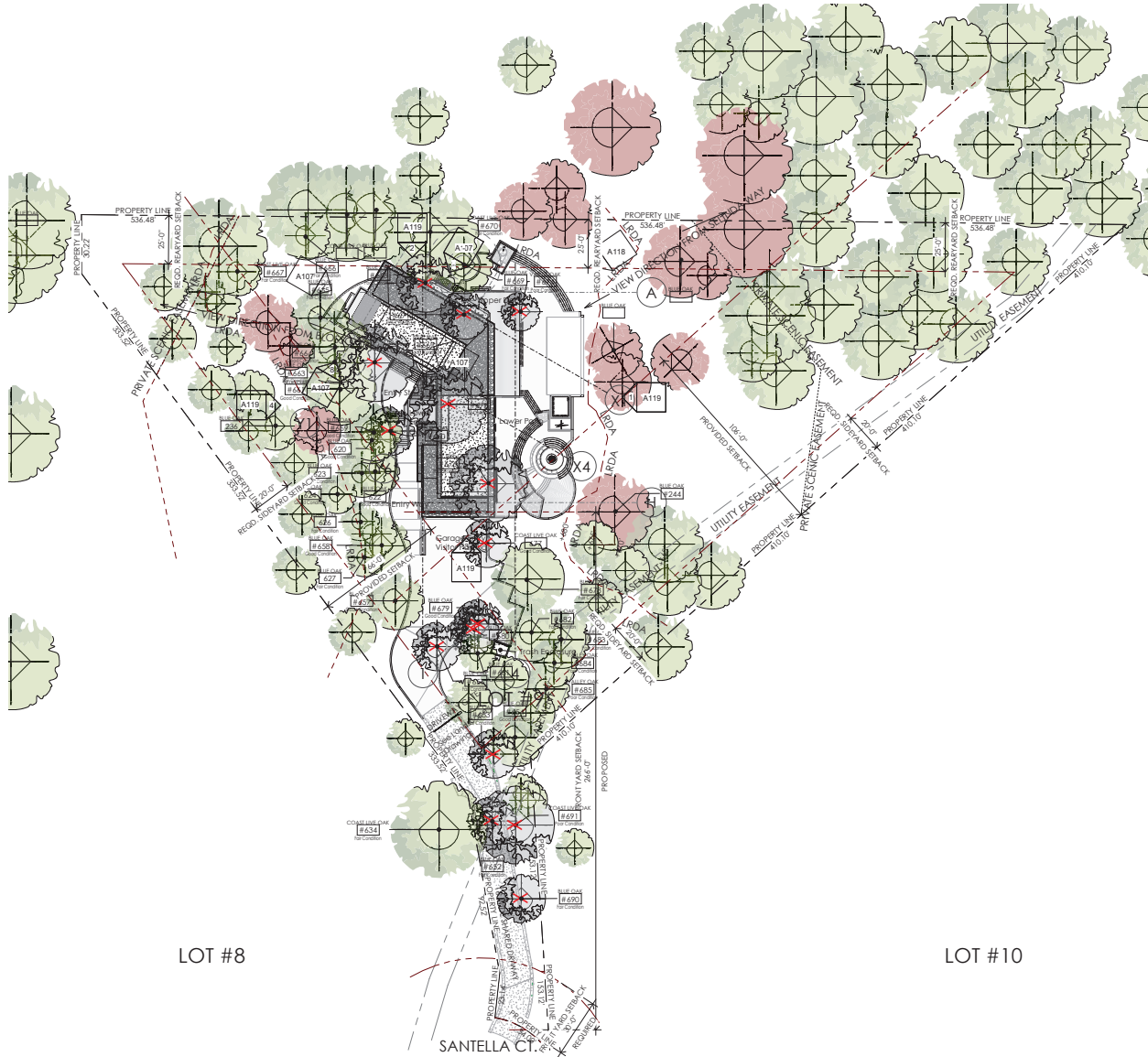
Richard J. Gessner

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ISA Board Certified Master Arborist® WE-4341B  
ISA Tree Risk Assessor Qualified  
CA Qualified Applicators License QL 104230



# Appendix A: Aerial image provided for assessment

Snapshot not to scale from A120 dated October 19, 2018 provided by Srusti Architecture. The trees in pink are indicated in this report.

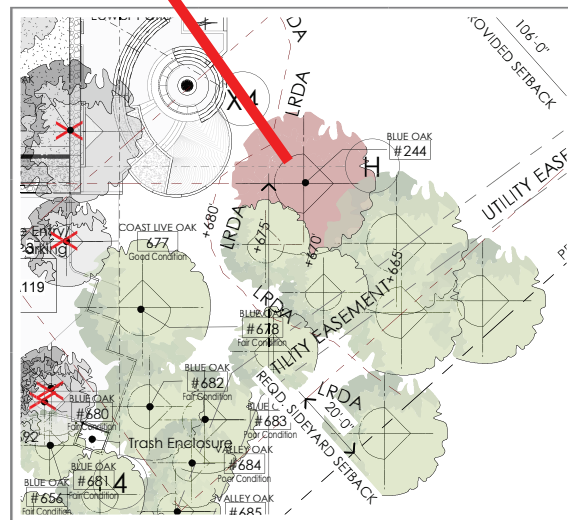


1 Site Plan with missing arborist information  
1" = 30'-0"

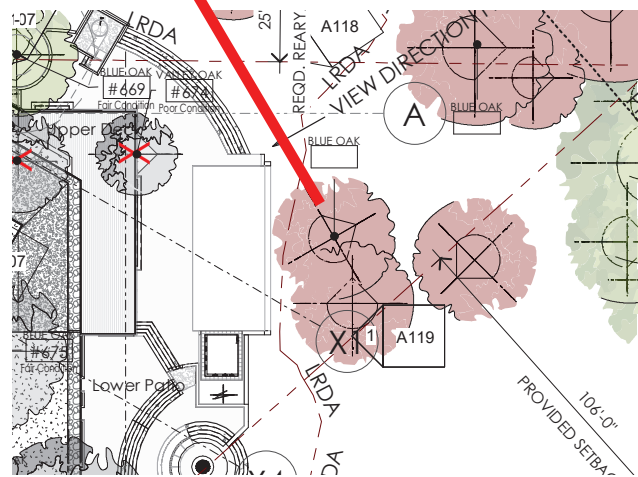


# Appendix B: Photographs

## B1: Tree 224

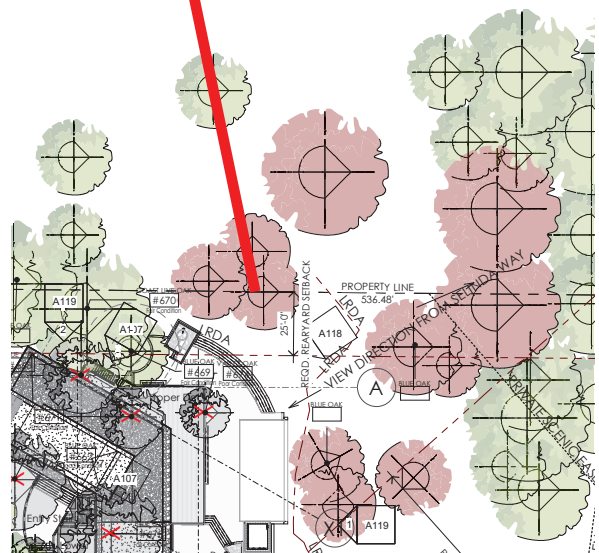


## B2: Oaks along the west side



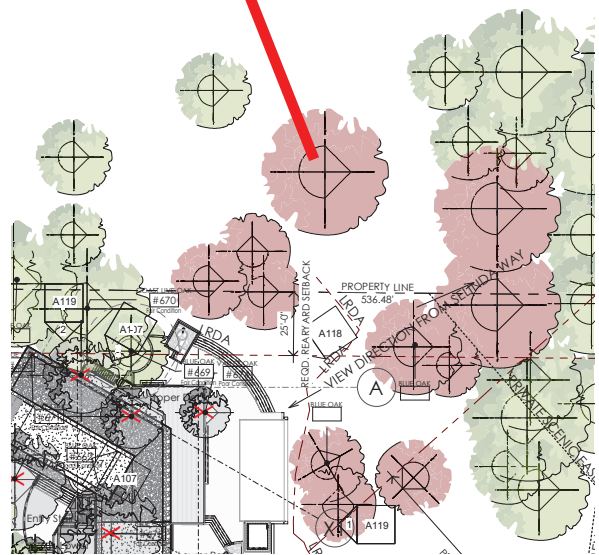


### B4: North side beyond the fence

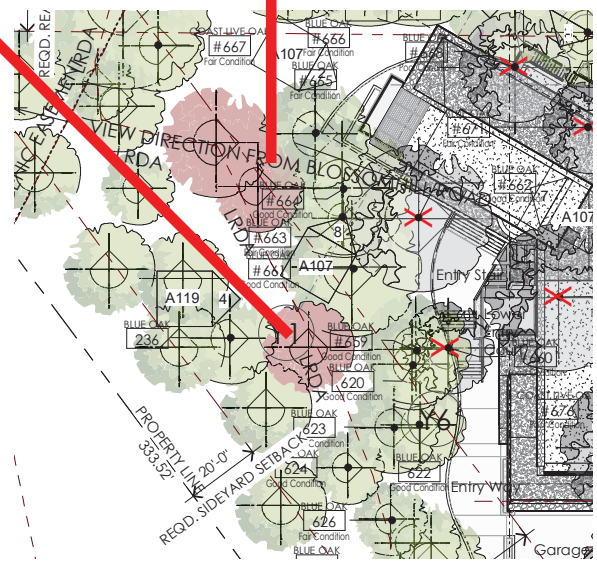




### B5: North side down slope



### B6: Blue oaks west side



**Tree Inventory, Assessment,  
and  
Protection**

**15365 Santella Court  
Los Gatos, CA 95032**

**Prepared for:**

**Town of Los Gatos**

**November 29, 2018  
Revised  
December 9, 2019**

**Prepared By:**

**Richard Gessner**

***ASCA - Registered Consulting Arborist® #496  
ISA - Board Certified Master Arborist® WE-4341B  
ISA - Tree Risk Assessor Qualified  
CA Qualified Applicators License QL 104230***



**Monarch Consulting Arborists LLC**

P.O. Box 1010  
Felton, CA 95018  
831. 331. 8982

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# Table of Contents

**Summary .....1**

**Introduction.....1**

Background .....1

Assignment.....1

Limits of the assignment .....2

Purpose and use of the report.....2

**Observations .....3**

Tree Inventory .....3

**Analysis .....4**

**Discussion.....5**

Condition Rating.....5

Suitability for Conservation .....6

Expected Impact Level.....7

Mitigation for Removals.....10

Tree Protection .....11

**Conclusion .....15**

**Recommendations .....16**

Pre-construction and Planning Phase.....16

Construction and Post-Construction Phase .....16

**Bibliography .....17**

**Glossary of Terms.....18**

**Appendix A: Tree Inventory Map and Site Plan.....20**

A1: Driveway entrance.....20

A2: Driveway and Hammerhead.....21

A3: Residence .....22

**Appendix B: Tree Inventory and Assessment Tables .....23**

B1: Inventory and Assessment.....23

B2: Appraisal Summary.....25

**Appendix C: Photographs.....27**

C1: Existing access .....27



C2: Building area .....28  
C3: Building area .....29  
C4: Building area .....30  
**Appendix D: Tree Protection Guidelines.....31**  
Section 29.10.1005. - Protection of Trees During Construction.....31  
Tree Protection Zones and Fence Specifications.....31  
All persons, shall comply with the following precautions.....31  
Monitoring .....32  
Root Pruning.....32  
Boring or Tunneling.....32  
Tree Pruning and Removal Operations.....32  
**Appendix E: Tree Protection Signs.....33**  
E1: English.....33  
E2: Spanish.....34  
**Qualifications, Assumptions, and Limiting Conditions .....35**  
**Certification of Performance .....36**



## Summary

The proposed project is located at the end of Santella Court on the vacant lot. The inventory contains 44 trees comprised of 2 different species (coast live oak (*Quercus agrifolia*) and blue oak (*Quercus douglasii*)). Nine oaks are considered Large Protected, thirty-five are Protected, and none are Exempt. Most of the trees are in either good or fair condition and the suitability ratings mirror the condition ratings. Fifteen trees will require removal to construct the residence and driveway as proposed. One tree was rated as moderate-highly impacted, 7 moderate, 5 moderate-low and 16 will not be affected. Five of the fifteen to be highly impacted are Large Protected Trees (668, 675, 676, 677 and 691). The removals would require some combination of sixty-eight 24 inch box or thirty-four 36 inch box replacements. Tree protection for this project would consist of a modified Type I scheme with the retained trees all located around the perimeter of the site. A total of 44 trees were appraised for a rounded depreciated value of \$242,700.00 using the Trunk Formula Method.

## Introduction

### Background

The Town of Los Gatos asked me to assess the site, trees, and proposed footprint plan, and to provide a report with my findings and recommendations to help satisfy planning requirements.

### Assignment

- Provide an arborist's report including an assessment of the trees within the project area and on the adjacent sites. The assessment is to include the species, size (trunk diameter), condition (health and structure), and suitability for preservation ratings. Affix aluminum number tags on the trees for reference on site and on plans.
- Provide tree protection specifications, guidelines, and impact ratings for trees that may be affected by the project.
- Provide appraised values.



## Limits of the assignment

- The information in this report is limited to the condition of the trees during my inspection on November 26, 2018. No tree risk assessments were performed.
- Tree heights and canopy diameters are estimates.
- The plans reviewed for this assignment were as follows (Table 1).

Table 1: Plans Reviewed Checklist

Plan	Date	Sheet	Reviewed	Source	Notes
Existing Site Topographic Map or A.L.T.A with tree locations			No		
Proposed Site Plan	October 19, 2018	A101		Sruti Architects	
Demolition Plan			No		
Construction Staging			No		
Grading and Drainage	August 5, 2018	L1.0 L2.0 L2.2		David Fox & Company	
Utility Plan and Hook-up locations			No		
Exterior Elevations					
Landscape Plan					
Irrigation Plan			No		
T-1 Tree Protection Plan			No		

## Purpose and use of the report

The report is intended to identify all the trees within the plan area that could be affected by a project. The report is to be used by the Town of Los Gatos and the property owners as a reference for existing tree conditions to help satisfy planning requirements.

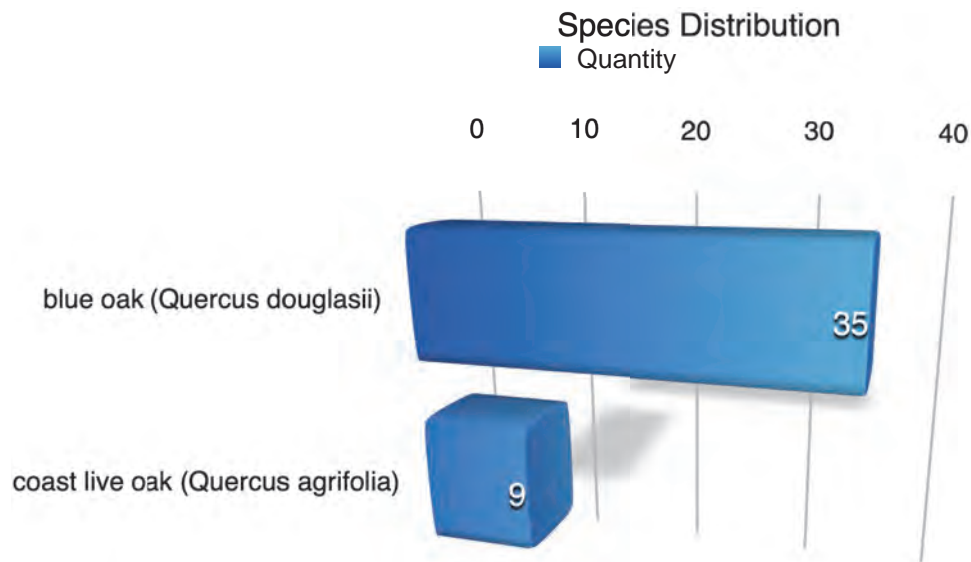


# Observations

## Tree Inventory

The inventory consists of trees protected by the Town of Los Gatos located on site and those in close proximity on neighboring properties. Sec. 29.10.0960. - Scope of protected trees. All trees which have a four-inch or greater diameter (twelve and one half-inch circumference) of any trunk, when removal relates to any review for which zoning approval or subdivision approval is required. (Appendix A and B). Los Gatos Town Ordinance 29.10.0970 Exceptions (1) states the following: "A fruit or nut tree that is less than eighteen (18) inches in diameter (fifty-seven-inch circumference).

The inventory contains 44 trees comprised of 2 different species. Nine oaks are considered Large Protected<sup>1</sup>, thirty-five are Protected<sup>2</sup>, and none are Exempt<sup>3</sup>. The chart below list the species and their relative quantities (Chart 1).



<sup>1</sup> Large protected tree means any oak (*Quercus spp.*), California buckeye (*Aesculus californica*), or Pacific madrone (*Arbutus menziesii*) which has a 24-inch or greater diameter (75-inch circumference); or any other species of tree with a 48-inch or greater diameter (150-inch circumference).

<sup>2</sup> Protected tree means a tree regulated by the Town of Los Gatos as set forth in Section. [29.10.0960](#), Scope of protected trees.

<sup>3</sup> A fruit or nut tree that is less than eighteen (18) inches in diameter (fifty-seven-inch circumference).





## Analysis

Tree appraisal was performed according to the Council of Tree & Landscape Appraisers *Guide for Plant Appraisal 9th Edition, 2000* (CLTA) along with Western Chapter International Society of Arboriculture *Species Classification and Group Assignment, 2004*. The trees were appraised using the “Cost Approach” and more specifically the “Trunk Formula Method” (Appendix B).

“Trunk Formula Method” is calculated as follows: Basic Tree Cost = (Appraised tree trunk increase X Unit tree cost + Installed tree cost) Appraised Value = (Basic tree cost X Species % X Condition % X Location %).

The trunk formula valuations are based on four tree factors; species, size (trunk cross sectional area), condition, and location. There are two steps to determine the overall value. The first step is to determine the “Basic Tree Cost” based on size and species rating which is determined by the *Species Classification and Group Assignment, 2004 Western Chapter Regional Supplement*.

The second part is to depreciate the value according to the location and condition of the trees.

The condition assessment and percentages are defined in the “Condition Rating” section of this report. The condition ratings deviate from the Guide’s condition assessment numerical rating system. The reason for this deviation is the Guide’s assessment criteria fails to account for significant health or structural issues creating high percentages for tree with either significant structural defects or health problems that could ultimately lead to failure or irreversible decline.

Location rating is an average of three factors; site, contribution, and placement. Site is determined by the relative property value where the trees are planted. The residential site would be classified as “very high” value with a 90 percent rating compared to similar sites in the area (ISA, 2000).

Contribution and placement is determined by the function and aesthetics the trees provide for the site and their location on the property. The percent of contribution and placement can range from 10 to 100 percent depending on the trees influence to the value of the property. These percentages ranged from 0 to 90 percent in my assessment.

A total of 44 trees were appraised for a rounded depreciated value of \$242,700.00 using the Trunk Formula Method (Appendix B2).

Appraisal worksheets are available upon request.



# Discussion

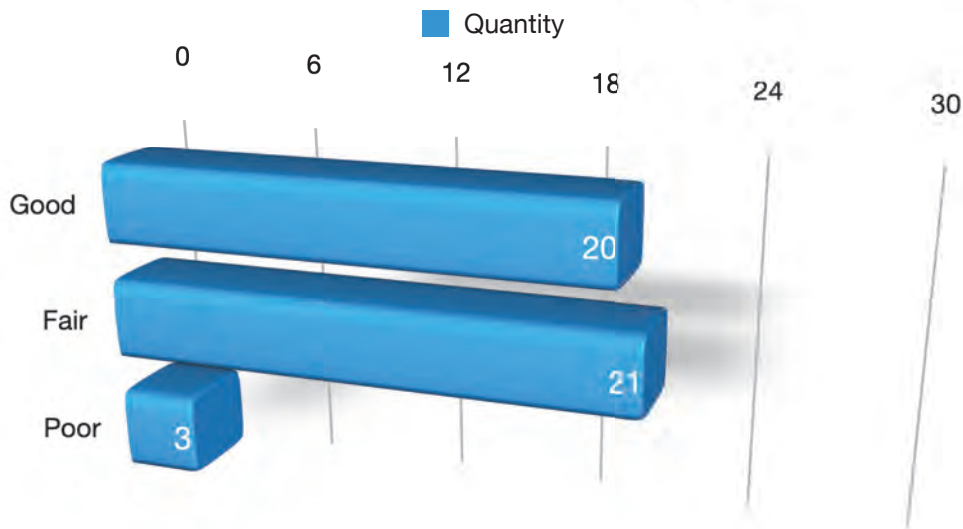
## Condition Rating

A tree’s condition is a determination of its overall health, structure, and form. The assessment considered both the health and structure for a combined condition rating.

- 100% - Exceptional = Good health and structure with significant size, location or quality.
- 61-80% - Good = Normal vigor, well-developed structure, function and aesthetics not compromised with good longevity for the site.
- 41-60 % - Fair = Reduced vigor, damage, dieback, or pest problems, at least one significant structural problem or multiple moderate defects requiring treatment. Major asymmetry or deviation from the species normal habit, function and aesthetics compromised.
- 21-40% - Poor = Unhealthy and declining appearance with poor vigor, abnormal foliar color, size or density with potential irreversible decline. One serious structural defect or multiple significant defects that cannot be corrected and failure may occur at any time. Significant asymmetry and compromised aesthetics and intended use.
- 6-20% - Very Poor = Poor vigor and dying with little foliage in irreversible decline. Severe defects with the likelihood of failure being probable or imminent. Aesthetically poor with little or no function in the landscape.
- 0-5% - Dead/Unstable = Dead or imminently ready to fail.

Most of the trees are in either good or fair condition and three are simply in poor shape. The tree composition is typical for the area with naturally occurring mostly unmaintained oaks.

Chart 2: Condition Rating

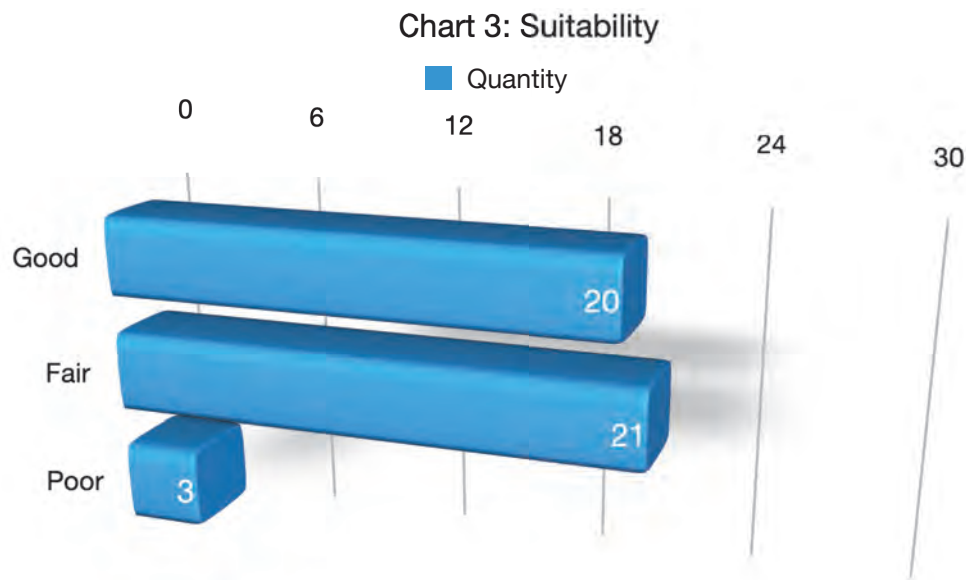


## Suitability for Conservation

A tree's suitability for conservation is determined based on its health, structure, age, species and disturbance tolerances, proximity to cutting and filling, proximity to construction or demolition, and potential longevity using a scale of good, fair, or poor (Fite, K, and Smiley, E. T., 2016). Trees with good suitability have good vigor, structural stability, and potential longevity after construction.

- Good = Trees with good health, structural stability and longevity.
- Fair = Trees with fair health and/or structural defects that may be mitigated through treatment. These trees require more intense management and monitoring, and may have shorter life spans than those in the good category.
- Poor = Trees in poor health with significant structural defects that cannot be mitigated and will continue to decline regardless of treatment. The species or individual may possess characteristics that are incompatible or undesirable in landscape settings or unsuited for the intended use of the site.

The suitability ratings mirror the condition ratings for this assignment. I did not consider construction impact as part of the suitability rating at this point. The trees grow here naturally and would be considered to have relatively good suitability for retention absent of significant health or structural problems.

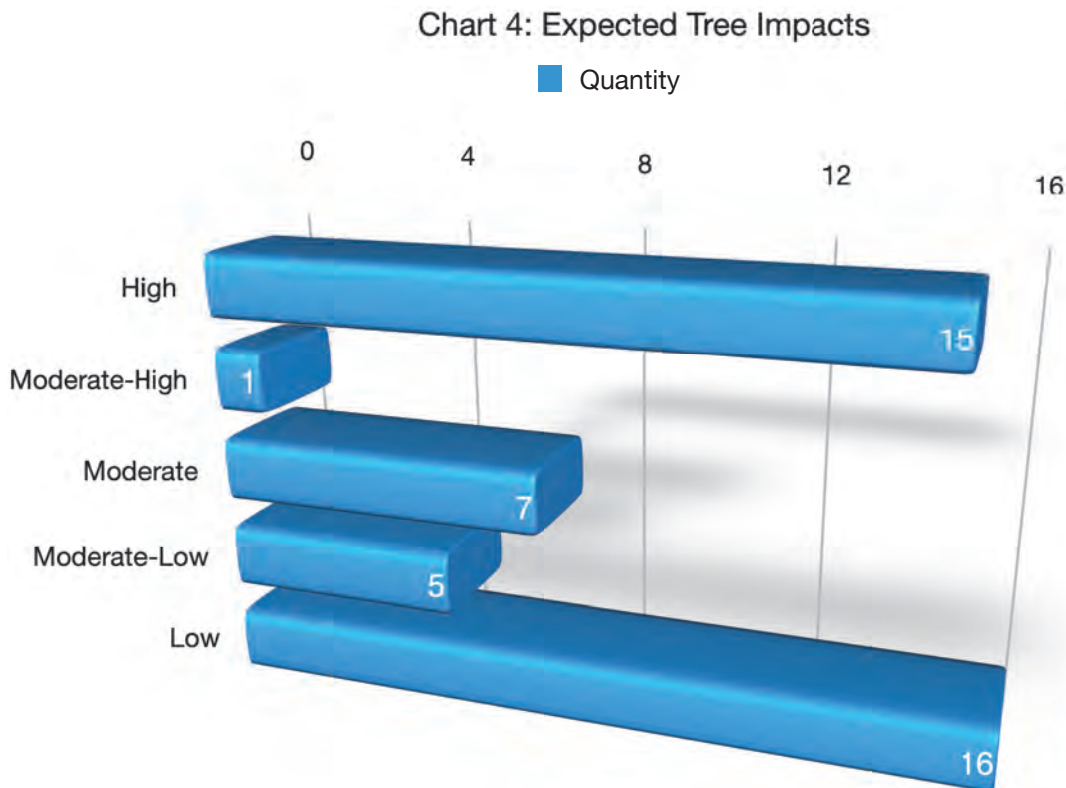


## Expected Impact Level

Impact level defines how a tree may be affected by construction activity and proximity to the tree, and is described as low, moderate, or high. The following scale defines the impact rating:

- Low = The construction activity will have little influence on the tree.
- Moderate = The construction may cause future health or structural problems, and steps must be taken to protect the tree to reduce future problems.
- High = Tree structure and health will be compromised and removal is recommended, or other actions must be taken for the tree to remain. The tree is located in the building envelope.

There are fifteen trees that will require removal to construct the residence and driveway as constituted (Chart 4). One tree was rated as moderate-highly impacted, 7 moderate, 5 moderate-low and 16 will not be affected. Five of the fifteen to be highly impacted are Large Protected Trees (668, 675, 676, 677 and 691).



The table below lists the trees that will be required to be removed (Table 2).

Table 2: Trees Expected to be Removed

Tree Species	Number	Trunk Diameter (in.)	~ Canopy Diameter (ft.)	Condition and Suitability	Whats Causing Impact	Potential Mitigation
blue oak (Quercus douglasii)	652	12	25	Fair	Driveway	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	653	13	30	Fair	Driveway	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	656	16.5	30	Fair	Driveway	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	660	12	30	Good	Wall - Construction	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	662	19	40	Good	Building footprint	Six 24 inch box trees; or three 36 inch box trees
blue oak (Quercus douglasii)	665	12	25	Good	Retaining wall and Construction	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	668	10, 18	35	Poor	Building footprint	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	671	12	25	Fair	Building footprint	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	675	13, 12	30	Fair	Building footprint	Four 24 inch box trees or two 36 inch box trees
coast live oak (Quercus agrifolia)	676	24	40	Poor	Construction - Retaining Wall - Marked Retain	Six 24 inch box trees; or three 36 inch box trees
coast live oak (Quercus agrifolia)	677	19, 20, 18	50	Fair	House	Six 24 inch box trees; or three 36 inch box trees



Tree Species	Number	Trunk Diameter (in.)	~ Canopy Diameter (ft.)	Condition and Suitability	Whats Causing Impact	Potential Mitigation
blue oak (Quercus douglasii)	679	13	25	Good	Driveway - Tag missing	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	680	14	25	Fair	Driveway - Tag missing	Four 24 inch box trees or two 36 inch box trees
blue oak (Quercus douglasii)	690	16	30	Fair	Driveway	Four 24 inch box trees or two 36 inch box trees
coast live oak (Quercus agrifolia)	691	24	45	Poor	Driveway	Six 24 inch box trees; or three 36 inch box trees



## Mitigation for Removals

The table below indicates the recommended replacement values (Table 3). There are nine trees that would require either four 24 inch box or two 36 inch box per tree and four requiring six 24 inch box or three 36 inch box replacements. The removals would require some combination of sixty-eight 24 inch box or thirty-four 36 inch box replacements. Alternatively it may be possible to create an approved landscape plan or provide an in-lieu payment.

Table 3: Town of Los Gatos Tree Canopy - Replacement Standard

Canopy Size of Removed Tree (1)	Replacement Requirement (2) (4)	Single Family Residential Replacement Option (3) (4)
10 feet or less	Two 24 inch box trees	Two 15 gallon trees
More than 10 feet to 25 feet	Three 24 inch box trees	Three 15 gallon trees
More than 25 feet to 40 feet	Four 24 inch box trees or two 36 inch box trees	Four 15 gallon trees
More than 40 feet to 55 feet	Six 24 inch box trees; or three 36 inch box trees	Not available
Greater than 55 feet	Ten 24 inch box trees; or five 36 inch box trees	Not available

<sup>1</sup>To measure an asymmetrical canopy of a tree, the widest measurement shall be used to determine canopy size.

<sup>2</sup>Often, it is not possible to replace a single large, older tree with an equivalent tree(s). In this case, the tree may be replaced with a combination of both the Tree Canopy Replacement Standard and in-lieu payment in an amount set forth by Town Council resolution paid to the Town Tree Replacement Fund.

<sup>3</sup>Single Family Residential Replacement Option is available for developed single family residential lots under 10,000 square feet that are not subject to the Town’s Hillside Development Standards and Guidelines. All 15-gallon trees must be planted on-site. Any in-lieu fees for single family residential shall be based on 24” box tree rates as adopted by Town Council.

<sup>4</sup>Replacement Trees shall be approved by the Town Arborist and shall be of a species suited to the available planting location, proximity to structures, overhead clearances, soil type, compatibility with surrounding canopy and other relevant factors. Replacement with native species shall be strongly encouraged. Replacement requirements in the Hillside shall comply with the Hillside Development Standards and Guidelines Appendix A and Section 29.10.0987 Special Provisions--Hillsides.



## Tree Protection

Typically there are three different tree protection schemes which are called Type I, Type II and Type III trunk protection only (Figures 1, 2, and 3). Tree protection focuses on avoiding damage to the roots, trunk, or scaffold branches (Appendix D). The most current accepted method for determining the TPZ is to use a formula based on species tolerance, tree age/vigor, and trunk diameter (Matheny, N. and Clark, J. 1998) (Fite, K, and Smiley, E. T., 2016). Preventing mechanical damage to the trunk from equipment or hand tools can be accomplished by wrapping the main stem with straw wattle or using vertical timbers (Figure 3).

Both the *ISA Best Management Practices: Root Management, 2017* and *ISA Best Management Practices: Managing trees during construction, second edition, 2016* indicate linear cuts should be beyond six times the trunk diameter distance when affected on only one side.

Tree protection for this project would consist of a modified Type I scheme with the retained trees all located around the perimeter of the site. The tree protection fence should be placed no closer than six times the trunk diameter distances in feet and preferably twelve.

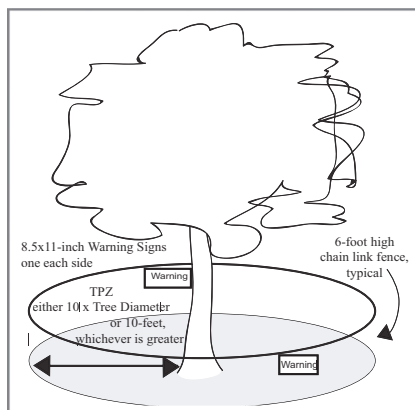


Figure 1: Type I Tree protection with fence placed at a radius of ten times the trunk diameter. Image City of Palo Alto 2006.

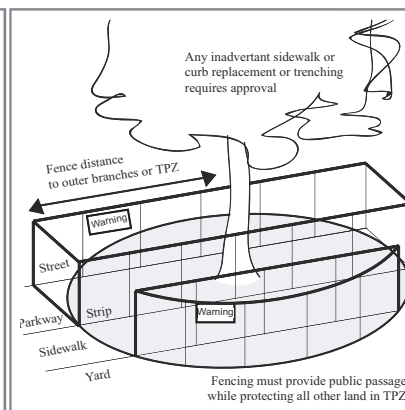


Figure 2: Type II Tree protection with fence placed along the sidewalk and curb to enclose the tree. Image City of Palo Alto 2006.

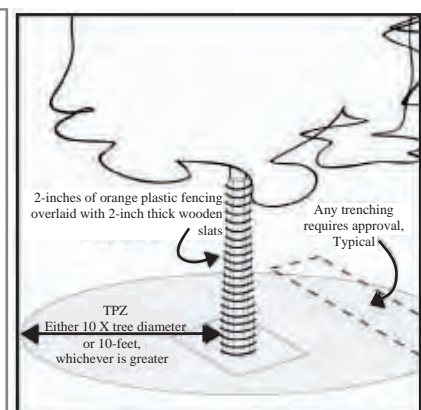


Figure 3: Type III Tree protection with trunk protected by a barrier to prevent mechanical damage. Image City of Palo Alto 2006.





The table below lists the trees and the recommended protection distances or zones of no disturbance (Table 4).

Table 4: Recommended Protection Distances

Tree Species	Number	Trunk Diameter (in.)	Expected Impact	Whats Causing Impact	6 X DBH Radius (ft.)	12 times DBH Radius (ft.)
blue oak (Quercus douglasii)	1	15	Low		7.5	15
blue oak (Quercus douglasii)	2	13	Low		6.5	13
blue oak (Quercus douglasii)	620	11	Low		5.5	11
blue oak (Quercus douglasii)	622	13	Moderate	Driveway Wall	6.5	13
blue oak (Quercus douglasii)	623	11	Low		5.5	11
blue oak (Quercus douglasii)	624	11	Low		5.5	11
blue oak (Quercus douglasii)	626	10, 8	Low		5	10
blue oak (Quercus douglasii)	627	12	Low		6	12
blue oak (Quercus douglasii)	628	15	Moderate-Low	Driveway	7.5	15
blue oak (Quercus douglasii)	629	17	Moderate-Low	Driveway	8.5	17
coast live oak (Quercus agrifolia)	630	12	Moderate-Low	Driveway	6	12
coast live oak (Quercus agrifolia)	634	16, 13, 15,16	Low		8	16
blue oak (Quercus douglasii)	652	12	High	Driveway	6	12
blue oak (Quercus douglasii)	653	13	High	Driveway	6.5	13
blue oak (Quercus douglasii)	654	14	Low		7	14
blue oak (Quercus douglasii)	655	12	Moderate	Driveway	6	12



Tree Species	Number	Trunk Diameter (in.)	Expected Impact	Whats Causing Impact	6 X DBH Radius (ft.)	12 times DBH Radius (ft.)
blue oak (Quercus douglasii)	656	16.5	High	Driveway	8.25	16.5
blue oak (Quercus douglasii)	657	7, 11, 10	Moderate	Driveway Wall	5	10
blue oak (Quercus douglasii)	658	21	Moderate	Driveway Wall	10.5	21
blue oak (Quercus douglasii)	659	12	Low		6	12
blue oak (Quercus douglasii)	660	12	High	Wall - Construction	6	12
blue oak (Quercus douglasii)	661	18	Low		9	18
blue oak (Quercus douglasii)	662	19	High	Building footprint	9.5	19
blue oak (Quercus douglasii)	663	12	Low		6	12
blue oak (Quercus douglasii)	664	18	Low		9	18
blue oak (Quercus douglasii)	665	12	High	Retaining wall and Construction	6	12
blue oak (Quercus douglasii)	666	18	Low		9	18
coast live oak (Quercus agrifolia)	667	14	Low		7	14
blue oak (Quercus douglasii)	668	10, 18	High	Building footprint	9	18
blue oak (Quercus douglasii)	669	19	Moderate-High	Retaining wall and Construction	9.5	19
coast live oak (Quercus agrifolia)	670	18, 12, 6, 12	Low		6	12
blue oak (Quercus douglasii)	671	12	High	Building footprint	6	12



Tree Species	Number	Trunk Diameter (in.)	Expected Impact	Whats Causing Impact	6 X DBH Radius (ft.)	12 times DBH Radius (ft.)
blue oak (Quercus douglasii)	675	13, 12	High	Building footprint	6	12
coast live oak (Quercus agrifolia)	676	24	High	Construction - Retaining Wall - Marked Retain	12	24
coast live oak (Quercus agrifolia)	677	19, 20, 18	High	House	9	18
coast live oak (Quercus agrifolia)	678	19, 21, 16, 24	Moderate		8	16
blue oak (Quercus douglasii)	679	13	High	Driveway - Tag missing	6.5	13
blue oak (Quercus douglasii)	680	14	High	Driveway - Tag missing	7	14
blue oak (Quercus douglasii)	681	12	Moderate	Driveway - Tag missing	6	12
blue oak (Quercus douglasii)	682	15	Moderate	Driveway Hammerhead	7.5	15
blue oak (Quercus douglasii)	690	16	High	Driveway	8	16
coast live oak (Quercus agrifolia)	691	24	High	Driveway	12	24
coast live oak (Quercus agrifolia)	692	18	Moderate-Low	Driveway	9	18
blue oak (Quercus douglasii)	693	17	Moderate-Low	Driveway	8.5	17



## Conclusion

The inventory contains 44 trees comprised of 2 different species (coast live oak and blue oak). Nine oaks are considered Large Protected, thirty-five are Protected, and none are Exempt. Most of the trees are in either good or fair condition and three are simply in poor shape and the suitability ratings mirror the condition ratings. The trees grow here naturally and would be considered to have relatively good suitability for retention absent of significant health or structural problems. There are fifteen trees that will require removal to construct the residence and driveway as proposed. One tree was rated as moderate-highly impacted, 7 moderate, 5 moderate-low and 16 will not be affected. Five of the fifteen to be highly impacted are Large Protected Trees (668, 675, 676, 677 and 691). The removals would require some combination of sixty-eight 24 inch box or thirty-four 36 inch box replacements. Tree protection for this project would consist of a modified Type I scheme with the retained trees all located around the perimeter of the site. The tree protection fence should be placed no closer than six times the trunk diameter distances in feet and preferably twelve. A total of 44 trees were appraised for a rounded depreciated value of \$242,700.00 using the Trunk Formula Method.



# Recommendations

## Pre-construction and Planning Phase

1. Place tree numbers and tree protection fence locations and guidelines on the plans including the grading, drainage, and utility plans. Create a separate plan sheet that includes all protection measures labeled “T-1 Tree Protection Plan.”
2. Place tree protection fence around those to remain a radial distance of 6 to 12 times the trunk diameter distances (Table 4, Pg 12).
3. Provide a landscape plan that accounts for the loss in tree canopy to include in tabular form the required replacements in accordance with the Town’s Tree Canopy Replacement Standard.
4. All tree maintenance and care shall be performed by a qualified arborist with a C-61/D-49 California Contractors License. Tree maintenance and care shall be specified in writing according to American National Standard for Tree Care Operations: *Tree, Shrub and Other Woody Plant Management: Standard Practices* parts 1 through 10 and adhere to ANSI Z133.1 safety standards and local regulations. All maintenance is to be performed according to ISA Best Management Practices.
5. Refer to Appendix D for general tree protection guidelines including recommendations for arborist assistance while working under trees, trenching, or excavation within a trees drip line or designated TPZ/CRZ.
6. Provide a copy of this report to all contractors and project managers, including the architect, civil engineer, and landscape designer or architect. It is the responsibility of the owner to ensure all parties are familiar with this document.
7. Arrange a pre-construction meeting with the project arborist or landscape architect to verify tree protection is in place, with the correct materials, and at the proper distances.

## Construction and Post-Construction Phase

1. Monitor the health and structure of all trees for any changes in condition.
2. Perform any other mitigation measures to help ensure long term survival.



## Bibliography

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## Glossary of Terms

**Basic Tree Cost:** The cost of replacement for a perfect specimen of a particular species and cross sectional area prior to location and condition depreciation.

**Cost Approach:** An indication of value by adding the land value to the depreciated value of improvements.

**Defect:** An imperfection, weakness, or lack of something necessary. In trees defects are injuries, growth patterns, decay, or other conditions that reduce the tree's structural strength.

**Diameter at breast height (DBH):** Measures at 1.4 meters (4.5 feet) above ground in the United States, Australia (arboriculture), New Zealand, and when using the Guide for Plant Appraisal, 9th edition; at 1.3 meters (4.3 feet) above ground in Australia (forestry), Canada, the European Union, and in UK forestry; and at 1.5 meters (5 feet) above ground in UK arboriculture.

**Drip Line:** Imaginary line defined by the branch spread or a single plant or group of plants. The outer extent of the tree crown.

**Mechanical damage:** Physical damage caused by outside forces such as cutting, chopping or any mechanized device that may strike the tree trunk, roots or branches.

**Scaffold branches:** Permanent or structural branches that form the scaffold architecture or structure of a tree.

**Straw wattle:** also known as straw worms, bio-logs, straw noodles, or straw tubes are man made cylinders of compressed, weed free straw (wheat or rice), 8 to 12 inches in diameter and 20 to 25 feet long. They are encased in jute, nylon, or other photo degradable materials, and have an average weight of 35 pounds.

**Topping:** Inappropriate pruning technique to reduce tree size. Cutting back a tree to a predetermined crown limit, often at internodes.

**Tree Protection Zone (TPZ):** Defined area within which certain activities are prohibited or restricted to prevent or minimize potential injury to designated trees, especially during construction or development.

**Tree Risk Assessment:** Process of evaluating what unexpected things could happen, how likely it is, and what the likely outcomes are. In tree management, the systematic process to determine the level of risk posed by a tree, tree part, or group of trees.

**Trunk:** Stem of a tree.



**Trunk Formula Method:** Method to appraise the monetary value of trees considered too large to be replaced with nursery or field grown stock. Based on developing a representative unit cost for replacement with the same or comparable species of the same size and in the same place, subject to depreciation for various factors. Contrast with replacement cost method.

**Volunteer:** A tree, not planted by human hands, that begins to grow on residential or commercial property. Unlike trees that are brought in and installed on property, volunteer trees usually spring up on their own from seeds placed onto the ground by natural causes or accidental transport by people. Normally, volunteer trees are considered weeds and removed, but many desirable and attractive specimens have gone on to become permanent residents on many public and private grounds.





# Appendix A: Tree Inventory Map and Site Plan

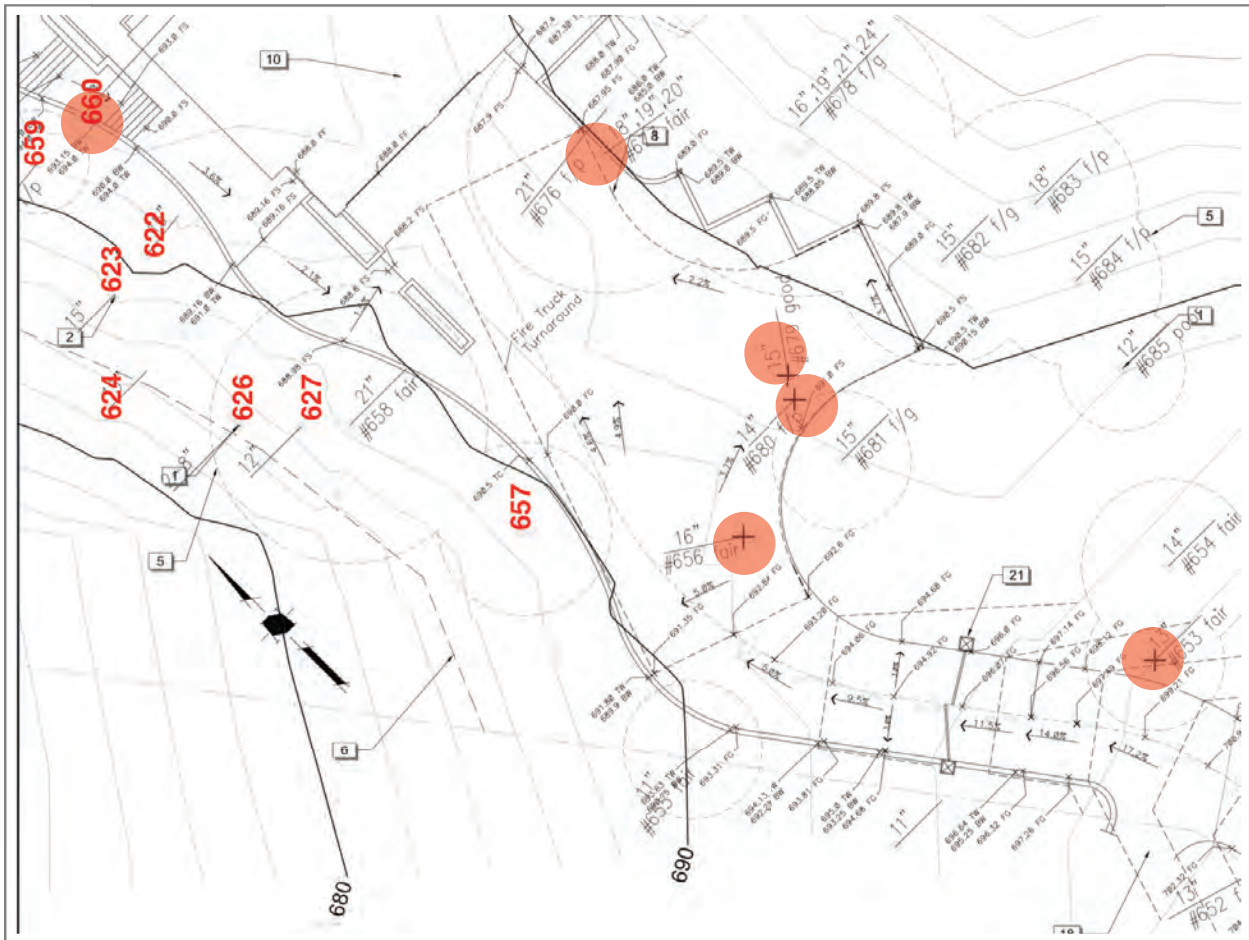
## A1: Driveway entrance

Sheet taken from L1 (Red circles indicate removals/highly impacted)



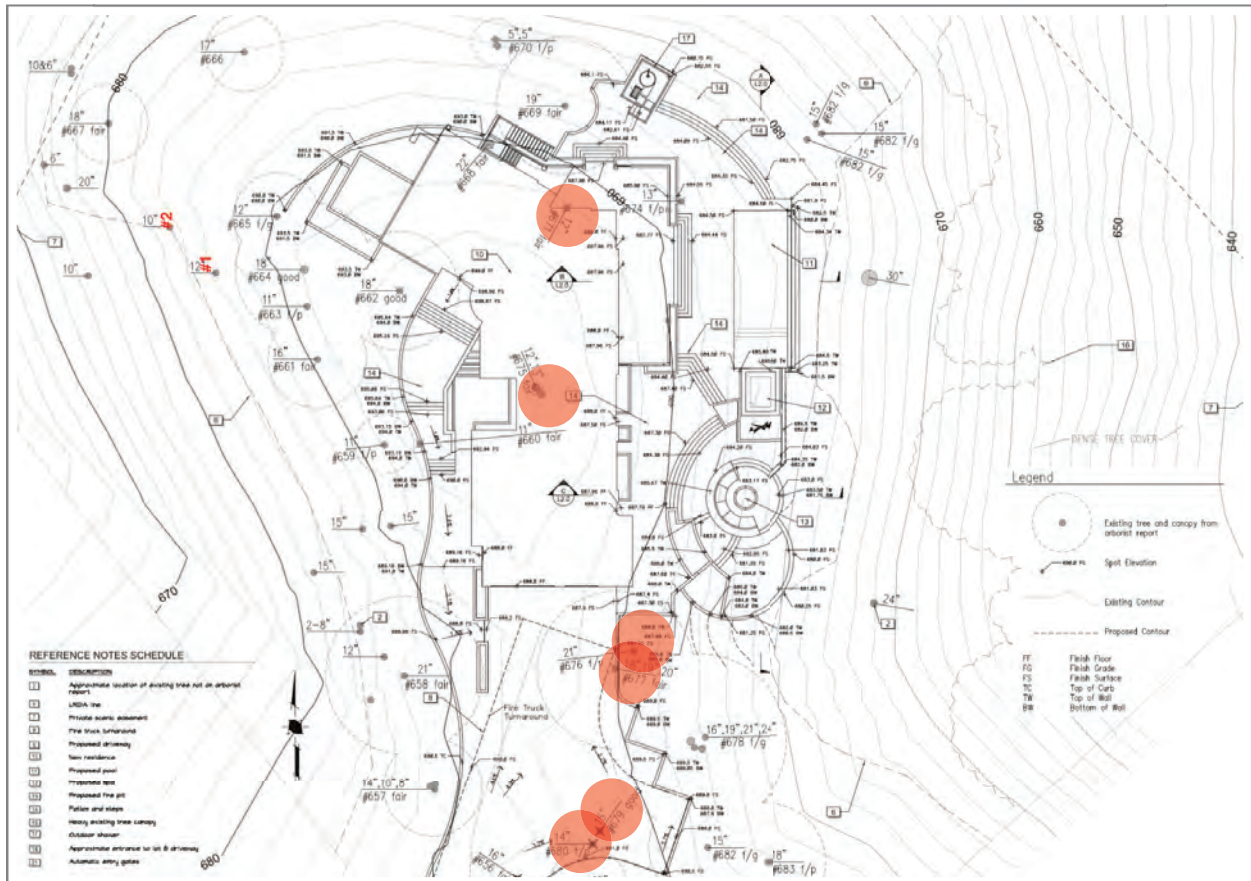
## A2: Driveway and Hammerhead

Sheet taken from L1 (Red circles indicate removals/highly impacted)



### A3: Residence

Sheet taken from L2 (Red circles indicate removals/highly impacted)



## Appendix B: Tree Inventory and Assessment Tables

### B1: Inventory and Assessment

Table 5: Inventory and Assessment

Tree Species	Number	Trunk Diameter (in.)	~ Canopy Diameter (ft.)	Condition and Suitability	Expected Impact	Los Gatos Large Protected Tree
blue oak ( <i>Quercus douglasii</i> )	1	15	30	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	2	13	30	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	620	11	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	622	13	25	Good	Moderate	No
blue oak ( <i>Quercus douglasii</i> )	623	11	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	624	11	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	626	10, 8	25	Fair	Low	No
blue oak ( <i>Quercus douglasii</i> )	627	12	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	628	15	35	Fair	Moderate-Low	No
blue oak ( <i>Quercus douglasii</i> )	629	17	40	Good	Moderate-Low	No
coast live oak ( <i>Quercus agrifolia</i> )	630	12	18	Fair	Moderate-Low	No
coast live oak ( <i>Quercus agrifolia</i> )	634	16, 13, 15, 16	45	Fair	Low	Yes
blue oak ( <i>Quercus douglasii</i> )	652	12	25	Fair	High	No
blue oak ( <i>Quercus douglasii</i> )	653	13	30	Fair	High	No
blue oak ( <i>Quercus douglasii</i> )	654	14	25	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	655	12	25	Good	Moderate	No
blue oak ( <i>Quercus douglasii</i> )	656	16.5	30	Fair	High	No
blue oak ( <i>Quercus douglasii</i> )	657	7, 11, 10	35	Good	Moderate	Yes
blue oak ( <i>Quercus douglasii</i> )	658	21	40	Good	Moderate	No
blue oak ( <i>Quercus douglasii</i> )	659	12	30	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	660	12	30	Good	High	No
blue oak ( <i>Quercus douglasii</i> )	661	18	35	Good	Low	No
blue oak ( <i>Quercus douglasii</i> )	662	19	40	Good	High	No



Tree Species	Number	Trunk Diameter (in.)	~ Canopy Diameter (ft.)	Condition and Suitability	Expected Impact	Los Gatos Large Protected Tree
blue oak (Quercus douglasii)	663	12	25	Fair	Low	No
blue oak (Quercus douglasii)	664	18	40	Good	Low	No
blue oak (Quercus douglasii)	665	12	25	Good	High	No
blue oak (Quercus douglasii)	666	18	30	Fair	Low	No
coast live oak (Quercus agrifolia)	667	14	30	Fair	Low	No
blue oak (Quercus douglasii)	668	10, 18	35	Poor	High	Yes
blue oak (Quercus douglasii)	669	19	45	Fair	Moderate-High	No
coast live oak (Quercus agrifolia)	670	18, 12, 6, 12	45	Fair	Low	Yes
blue oak (Quercus douglasii)	671	12	25	Fair	High	No
blue oak (Quercus douglasii)	675	13, 12	30	Fair	High	Yes
coast live oak (Quercus agrifolia)	676	24	40	Poor	High	Yes
coast live oak (Quercus agrifolia)	677	19, 20, 18	50	Fair	High	Yes
coast live oak (Quercus agrifolia)	678	19, 21, 16, 24	50	Fair	Moderate	Yes
blue oak (Quercus douglasii)	679	13	25	Good	High	No
blue oak (Quercus douglasii)	680	14	25	Fair	High	No
blue oak (Quercus douglasii)	681	12	25	Fair	Moderate	No
blue oak (Quercus douglasii)	682	15	35	Fair	Moderate	No
blue oak (Quercus douglasii)	690	16	30	Fair	High	No
coast live oak (Quercus agrifolia)	691	24	45	Poor	High	Yes
coast live oak (Quercus agrifolia)	692	18	35	Fair	Moderate-Low	No
blue oak (Quercus douglasii)	693	17	35	Good	Moderate-Low	No



**B2: Appraisal Summary**

Table 6: Appraisal Summary

Tree Species	Number	Trunk Diameter	Condition	Location	Species Rating	Rounded Value
blue oak (Quercus douglasii)	1	15	75.0%	63.33%	90.00%	\$6,000.00
blue oak (Quercus douglasii)	2	13	75.0%	63.33%	90.00%	\$4,520.00
blue oak (Quercus douglasii)	620	11	75.0%	63.33%	90.00%	\$3,280.00
blue oak (Quercus douglasii)	622	13	75.0%	63.33%	90.00%	\$4,520.00
blue oak (Quercus douglasii)	623	11	75.0%	63.33%	90.00%	\$3,280.00
blue oak (Quercus douglasii)	624	11	75.0%	63.33%	90.00%	\$3,280.00
blue oak (Quercus douglasii)	626	10, 8	50.0%	63.33%	90.00%	\$3,020.00
blue oak (Quercus douglasii)	627	12	75.0%	63.33%	90.00%	\$3,870.00
blue oak (Quercus douglasii)	628	15	50.0%	63.33%	90.00%	\$3,980.00
blue oak (Quercus douglasii)	629	17	75.0%	63.33%	90.00%	\$7,600.00
coast live oak (Quercus agrifolia)	630	12	50.0%	63.33%	90.00%	\$1,560.00
coast live oak (Quercus agrifolia)	634	16, 13, 15,16	75.0%	63.33%	90.00%	\$15,460.00
blue oak (Quercus douglasii)	652	12	50.0%	63.33%	90.00%	\$3,010.00
blue oak (Quercus douglasii)	653	13	50.0%	63.33%	90.00%	\$5,200.00
blue oak (Quercus douglasii)	654	14	75.0%	63.33%	90.00%	\$5,200.00
blue oak (Quercus douglasii)	655	12	75.0%	63.33%	90.00%	\$4,800.00
blue oak (Quercus douglasii)	656	16.5	50.0%	63.33%	90.00%	\$1,420.00
blue oak (Quercus douglasii)	657	7, 11, 10	75.0%	63.33%	90.00%	\$18,750.00
blue oak (Quercus douglasii)	658	21	75.0%	63.33%	90.00%	\$3,870.00
blue oak (Quercus douglasii)	659	12	75.0%	63.33%	90.00%	\$8,500.00
blue oak (Quercus douglasii)	660	12	75.0%	63.33%	90.00%	\$9,500.00
blue oak (Quercus douglasii)	661	18	75.0%	63.33%	90.00%	\$2,580.00
blue oak (Quercus douglasii)	662	19	75.0%	63.33%	90.00%	\$8,500.00
blue oak (Quercus douglasii)	663	12	50.0%	63.33%	90.00%	\$3,870.00
blue oak (Quercus douglasii)	664	18	75.0%	63.33%	90.00%	\$5,700.00
blue oak (Quercus douglasii)	665	12	75.0%	63.33%	90.00%	\$3,480.00



Tree Species	Number	Trunk Diameter	Condition	Location	Species Rating	Rounded Value
blue oak (Quercus douglasii)	666	18	50.0%	63.33%	90.00%	\$910.00
coast live oak (Quercus agrifolia)	667	14	50.0%	63.33%	90.00%	\$3,770.00
blue oak (Quercus douglasii)	668	10, 18	25.0%	63.33%	90.00%	\$8,300.00
blue oak (Quercus douglasii)	669	19	50.0%	63.33%	90.00%	\$720.00
coast live oak (Quercus agrifolia)	670	18, 12, 6, 12	50.0%	63.33%	90.00%	\$12,200.00
blue oak (Quercus douglasii)	671	12	50.0%	63.33%	90.00%	\$6,300.00
blue oak (Quercus douglasii)	675	13, 12	75.0%	63.33%	90.00%	\$12,200.00
coast live oak (Quercus agrifolia)	676	24	25.0%	63.33%	90.00%	\$2,090.00
coast live oak (Quercus agrifolia)	677	19, 20, 18	50.0%	63.33%	90.00%	\$6,700.00
coast live oak (Quercus agrifolia)	678	19, 21, 16, 24	50.0%	63.33%	90.00%	\$11,300.00
blue oak (Quercus douglasii)	679	13	75.0%	63.33%	90.00%	\$2,580.00
blue oak (Quercus douglasii)	680	14	50.0%	63.33%	90.00%	\$2,580.00
blue oak (Quercus douglasii)	681	12	50.0%	63.33%	90.00%	\$5,000.00
blue oak (Quercus douglasii)	682	15	50.0%	63.33%	90.00%	\$5,700.00
blue oak (Quercus douglasii)	690	16	50.0%	63.33%	90.00%	\$4,510.00
coast live oak (Quercus agrifolia)	691	24	25.0%	63.33%	90.00%	\$5,600.00
coast live oak (Quercus agrifolia)	692	18	50.0%	63.33%	90.00%	\$2,980.00
blue oak (Quercus douglasii)	693	17	75.0%	63.33%	90.00%	\$4,510.00



## Appendix C: Photographs

### C1: Existing access





## C2: Building area



### C3: Building area



## C4: Building area



## Appendix D: Tree Protection Guidelines

### Section 29.10.1005. - Protection of Trees During Construction

#### Tree Protection Zones and Fence Specifications

1. **Size and materials:** Six (6) foot high chain link fencing, mounted on two-inch diameter galvanized iron posts, shall be driven into the ground to a depth of at least two (2) feet at no more than ten-foot spacing. For paving area that will not be demolished and when stipulated in a tree preservation plan, posts may be supported by a concrete base.
2. **Area type to be fenced:** Type I: Enclosure with chain link fencing of either the entire dripline area or at the tree protection zone (TPZ), when specified by a certified or consulting arborist. Type II: Enclosure for street trees located in a planter strip: chain link fence around the entire planter strip to the outer branches. Type III: Protection for a tree located in a small planter cutout only (such as downtown): orange plastic fencing shall be wrapped around the trunk from the ground to the first branch with two-inch wooden boards bound securely on the outside. Caution shall be used to avoid damaging any bark or branches.
3. **Duration of Type I, II, III fencing:** Fencing shall be erected before demolition, grading or construction permits are issued and remain in place until the work is completed. Contractor shall first obtain the approval of the project arborist on record prior to removing a tree protection fence.
4. **Warning Sign:** Each tree fence shall have prominently displayed an eight and one-half-inch by eleven-inch sign stating: "Warning—Tree Protection Zone—This fence shall not be removed and is subject to penalty according to Town Code 29.10.1025." Text on the signs should be in both English and Spanish (Appendix E).

#### All persons, shall comply with the following precautions

1. Prior to the commencement of construction, install the fence at the dripline, or tree protection zone (TPZ) when specified in an approved arborist report, around any tree and/or vegetation to be retained which could be affected by the construction and prohibit any storage of construction materials or other materials, equipment cleaning, or parking of vehicles within the TPZ. The dripline shall not be altered in any way so as to increase the encroachment of the construction.
2. Prohibit all construction activities within the TPZ, including but not limited to: excavation, grading, drainage and leveling within the dripline of the tree unless approved by the Director.
3. Prohibit disposal or depositing of oil, gasoline, chemicals or other harmful materials within the dripline of or in drainage channels, swales or areas that may lead to the dripline of a protected tree.
4. Prohibit the attachment of wires, signs or ropes to any protected tree.
5. Design utility services and irrigation lines to be located outside of the dripline when feasible.



6. Retain the services of a certified or consulting arborist who shall serve as the project arborist for periodic monitoring of the project site and the health of those trees to be preserved. The project arborist shall be present whenever activities occur which may pose a potential threat to the health of the trees to be preserved and shall document all site visits.
7. The Director and project arborist shall be notified of any damage that occurs to a protected tree during construction so that proper treatment may be administered.

## Monitoring

Any trenching, construction or demolition that is expected to damage or encounter tree roots should be monitored by the project arborist or a qualified ISA Certified Arborist and should be documented.

The site should be evaluated by the project arborist or a qualified ISA Certified Arborist after construction is complete, and any necessary remedial work that needs to be performed should be noted.

## Root Pruning

Roots greater than two inches in diameter shall not be cut. When roots over two inches in diameter are encountered and are authorized to be cut or removed, they should be pruned by hand with loppers, handsaw, reciprocating saw, or chain saw rather than left crushed or torn. Roots should be cut beyond sinker roots or outside root branch junctions and be supervised by the project arborist. When completed, exposed roots should be kept moist with burlap or backfilled within one hour.

## Boring or Tunneling

Boring machines should be set up outside the drip line or established Tree Protection Zone. Boring may also be performed by digging a trench on both sides of the tree until roots one inch in diameter are encountered and then hand dug or excavated with an Air Spade® or similar air or water excavation tool. Bore holes should be adjacent to the trunk and never go directly under the main stem to avoid oblique (heart) roots. Bore holes should be a minimum of three feet deep.

## Tree Pruning and Removal Operations

All tree pruning or removals should be performed by a qualified arborist with a C-61/D-49 California Contractors License. Treatment, including pruning, shall be specified in writing according to the most recent ANSI A-300A Standards and Limitations and performed according to ISA Best Management Practices while adhering to ANSI Z133.1 safety standards. Trees that need to be removed or pruned should be identified in the pre-construction walk through.



## **Appendix E: Tree Protection Signs**

### **E1: English**

**Warning**  
**Tree Protection Zone**

**This Fence Shall Not Be Removed  
And Is Subject To Penalty According To  
Town Code 29.10.1025**



## E2: Spanish

# Cuidado Zona De Arbol Pretejido

Esta valla no podrán ser sacados  
Y está sujeta a sanción en función de  
Código Ciudad del 29.101025



## Qualifications, Assumptions, and Limiting Conditions

Any legal description provided to the consultant is assumed to be correct. Any titles or ownership of properties are assumed to be good and marketable. All property is appraised or evaluated as though free and clear, under responsible ownership and competent management.

All property is presumed to be in conformance with applicable codes, ordinances, statutes, or other regulations.

Care has been taken to obtain information from reliable sources. However, the consultant cannot be responsible for the accuracy of information provided by others.

The consultant shall not be required to give testimony or attend meetings, hearings, conferences, mediations, arbitration, or trials by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.

This report and any appraisal value expressed herein represent the opinion of the consultant, and the consultant's fee is not contingent upon the reporting of a specified appraisal value, a stipulated result, or the occurrence of a subsequent event.

Sketches, drawings, and photographs in this report are intended for use as visual aids, are not necessarily to scale, and should not be construed as engineering or architectural reports or surveys. The reproduction of information generated by architects, engineers, or other consultants on any sketches, drawings, or photographs is only for coordination and ease of reference. Inclusion of said information with any drawings or other documents does not constitute a representation as to the sufficiency or accuracy of said information.

Unless otherwise expressed: a) this report covers only examined items and their condition at the time of inspection; and b) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that structural problems or deficiencies of plants or property may not arise in the future.





# Certification of Performance

I Richard Gessner, Certify:

That I have personally inspected the tree(s) and/or the property referred to in this report, and have stated my findings accurately. The extent of the evaluation and/or appraisal is stated in the attached report and Terms of Assignment;

That I have no current or prospective interest in the vegetation or the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved;

That the analysis, opinions and conclusions stated herein are my own;

That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted Arboricultural practices;

That no one provided significant professional assistance to the consultant, except as indicated within the report.

That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party, nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any other subsequent events;

I further certify that I am a Registered Consulting Arborist® with the American Society of Consulting Arborists, and that I acknowledge, accept and adhere to the ASCA Standards of Professional Practice. I am an International Society of Arboriculture Board Certified Master Arborist®. I have been involved with the practice of Arboriculture and the care and study of trees since 1998.

Richard J. Gessner



ASCA Registered Consulting Arborist® #496  
ISA Board Certified Master Arborist® WE-4341B  
ISA Tree Risk Assessor Qualified  
CA Qualified Applicators License QL 104230

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February 5, 2024

Erin Walters  
Associate Planner  
Community Development Department  
110 E Main Street  
Los Gatos CA 95030



## Monarch Consulting Arborists

Richard Gessner  
P.O. Box 1010 - Felton, CA 95018  
1 831 331 8982  
www.monarcharborists.com

This letter is to provide clarity on the condition ratings percentages. For consistency trees are numerically rated in the middle of each rating category. The rating percentage ranges and definitions are adopted from the *ISA Guide for Plant Appraisal 10th edition*. The table below indicates the rating percentages for the trees in question on the site (Table 1).

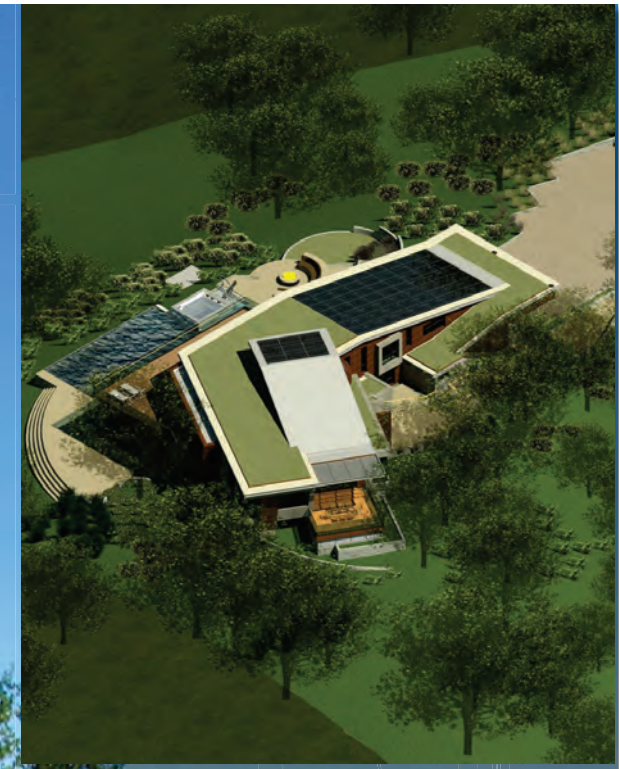
Table 1: Condition Percentages

Tree I.D. #	Condition	Rating Percentage
622	Good	70%
624	Good	70%
626	Fair	50%
661	Good	70%
663	Fair	50%
664	Good	70%
669	Fair	50%
670	Fair	50%
678	Fair	50%

Richard J. Gessner

ASCA Registered Consulting Arborist® #496  
ISA Board Certified Master Arborist® WE-4341





(408) 507 8138 www.srustiarchitects.com

# OLGAARD RESIDENCE

## Project Visibility Analysis for Los Gatos Planning Department Review

Srusti Architects



EXHIBIT 12

➤ Blossom Hill/LG Blvd. and Selinda Way/LG Almaden Rd. viewing areas were identified as the nearest to the project from where the home could be potentially seen.

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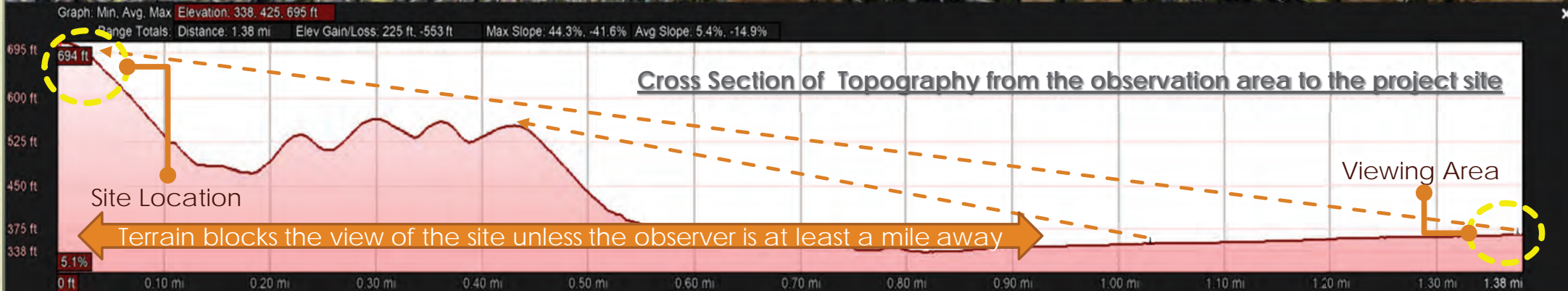
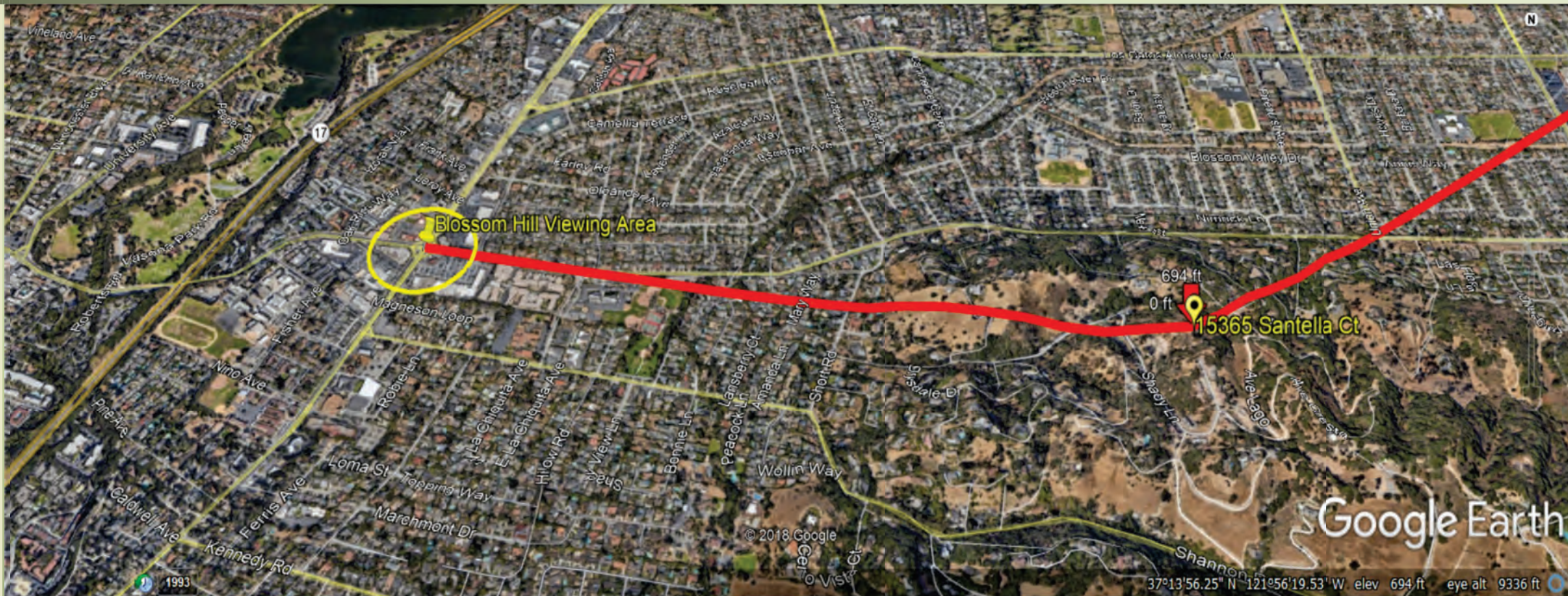


OLGAARD RESIDENCE- VISIBILITY/TREE SCREENING ANALYSIS  
15365 Santella Court-Los Gatos-CA 95032

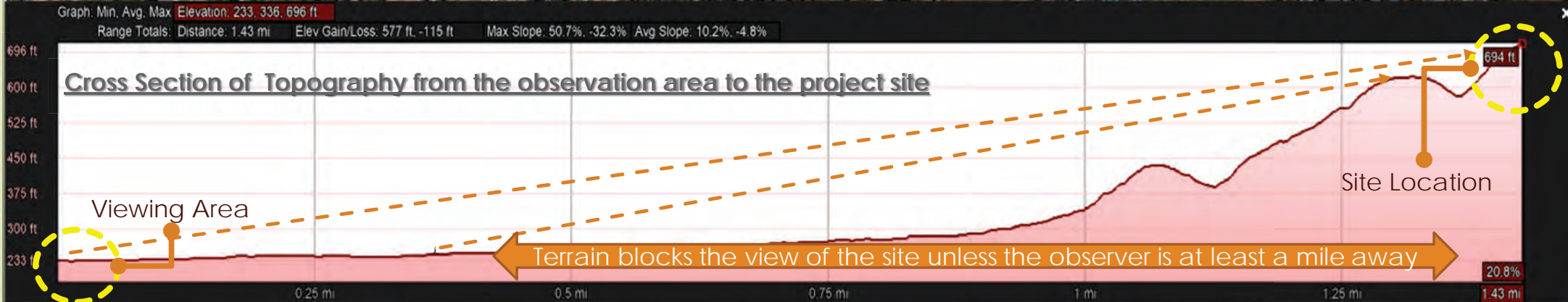


1/31/2024

- Blossom Hill/LG Blvd. viewing Area is about 1.36 miles away & 316 feet lower than project site



- Selinda Wy/LG Almaden Rd. viewing Area is about 1.43 miles away & 462 feet lower than project site.



- ▶ Story pole installation was done based on planning department approval of the installation drawings. These pictures are taken after certification of the story pole installation for its accuracy by a licensed surveyor.



- ▶ Project site seen with a naked eye (thru a 50 mm camera lens); 500 ft closer from Blossom Hill /LG Blvd intersection, after story poles were installed. Due to dense tree cover, even when 500 ft. closer, one cannot distinguish the home.





- Project site seen up close (thru 300 mm camera lens), 500 ft. closer from Blossom Hill /Los Gatos Blvd intersection, after story poles were installed. Due to dense tree cover, even when 500 ft. closer, and with a zoom lens, one cannot distinguish the home.



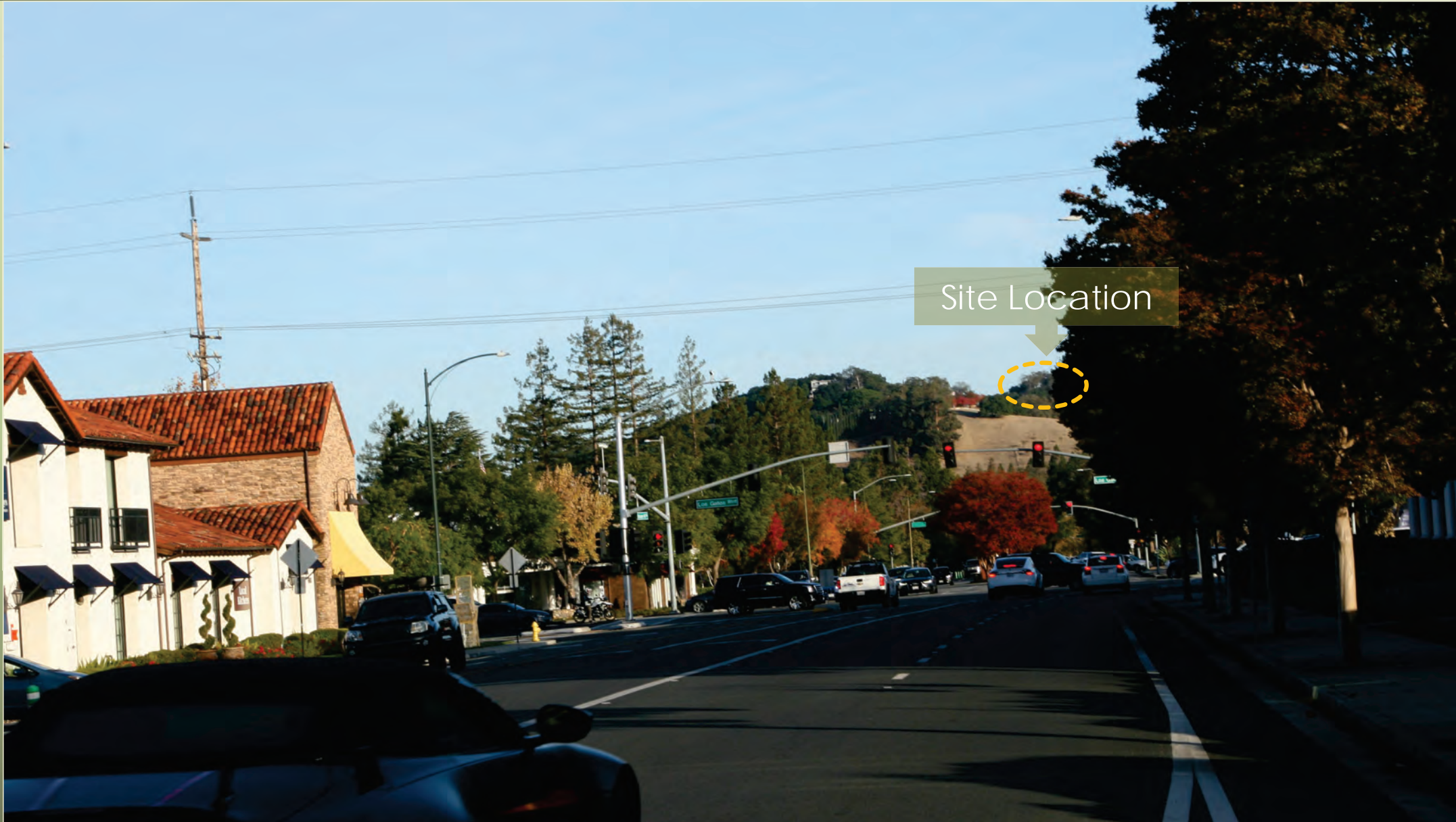
- ▶ Project site seen with a naked eye (thru a 50 mm camera lens); from Blossom Hill /LG Blvd intersection, after story poles were installed. Due to dense tree cover, and the distance, one cannot distinguish the home with a naked eye.



- ▶ Project site seen up close (thru 300 mm camera lens), from Blossom Hill /Los Gatos Blvd intersection, after story poles were installed. Due to dense tree cover, even with a zoom lens, one cannot distinguish the home.



- ▶ Project site seen with a naked eye (thru 50 mm camera lens), 500 ft. away from Blossom Hill /Los Gatos Blvd intersection, after story poles were installed. Due to dense tree cover, and the distance, one cannot distinguish the home with a naked eye.



- ▶ Project site seen up close (thru 300 mm camera lens), 500 feet away from Blossom Hill/Los Gatos Blvd. intersection, after story poles were installed. Due to dense tree cover, even with a zoom lens, one cannot distinguish the home.



- Project site seen with a naked eye (thru a 50 mm camera lens); 500 ft. closer from Selinda Way/LG Almaden Rd. intersection, after story poles were installed. Even when a person is 500 ft., given the distance, one cannot distinguish the home with a naked eye.



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- ▶ Project site seen up close (thru 300 mm camera lens), 500 ft. closer from Selinda Way/LG Almaden Rd. intersection, after story poles were installed .



Site Location



- ▶ Project site seen with a naked eye (thru a 50 mm camera lens); from Selinda Way/LG Almaden Rd. intersection (thru school property fence). Given the distance, one cannot distinguish the home with a naked eye.





- ▶ Project site seen up close (thru 300 mm camera lens) from Selinda Way/LG Almaden Rd. intersection, after story poles were installed.



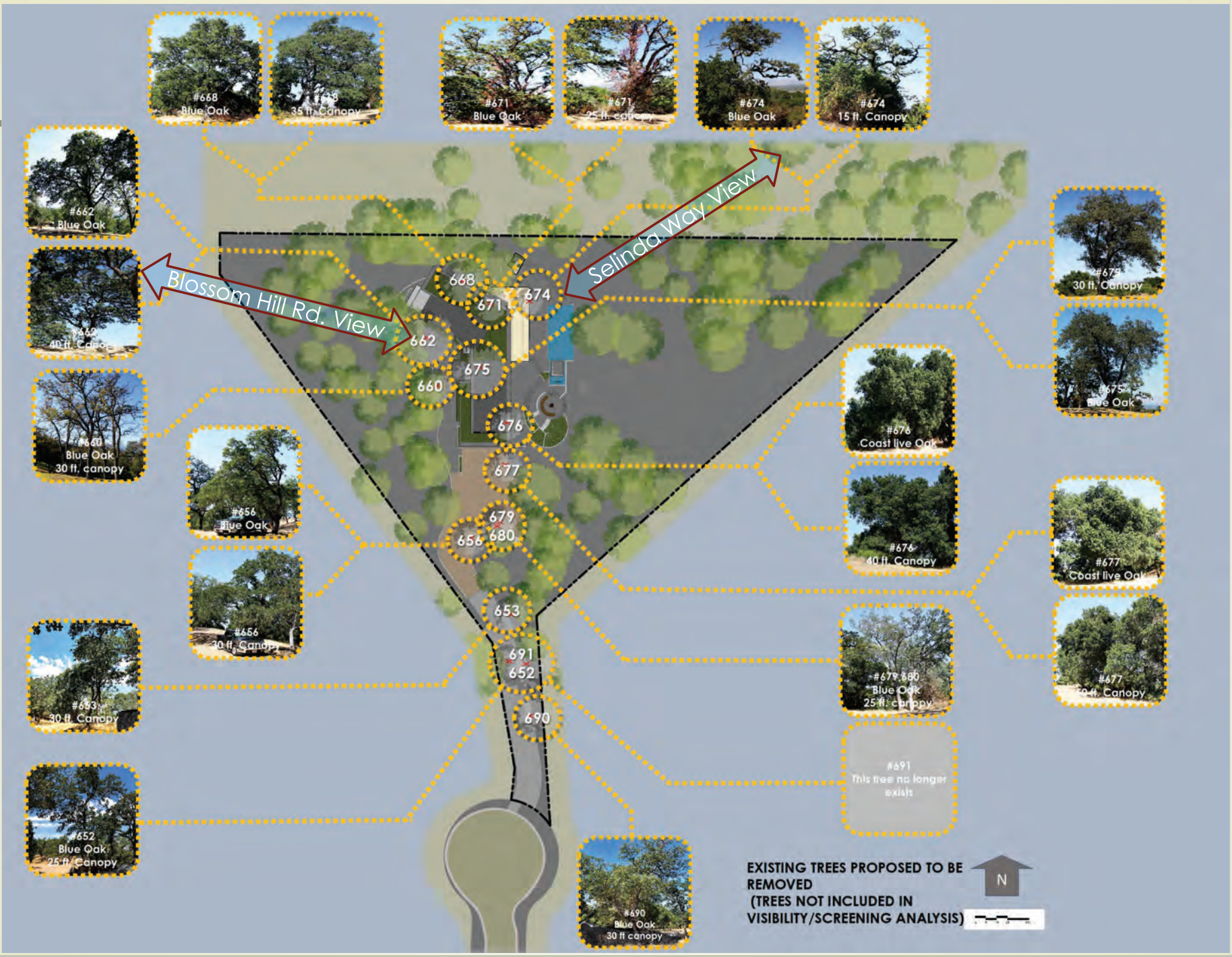
- ▶ Project site seen with a naked eye (thru 50 mm camera lens), 500 ft. away from Selinda Way/LG Almaden Rd. intersection. Given that distance, one cannot distinguish the home with a naked eye.



- ▶ Project site seen up close (thru 300 mm camera lens), 500 feet away from Selinda Way/LG Almaden Rd. intersection.

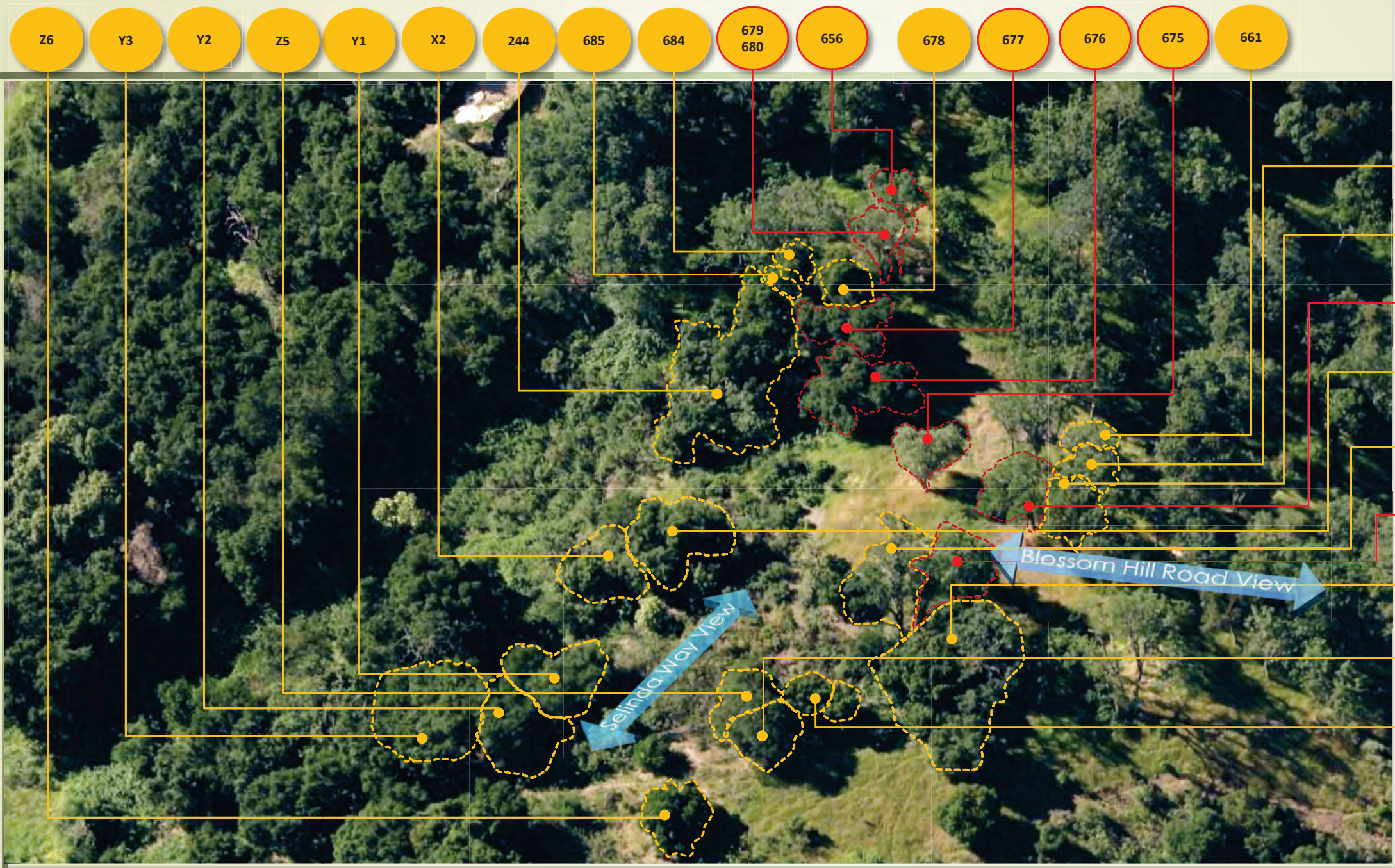






Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

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Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

- 658
- 677
- 622
- 675
- 674
- 671
- 668
- 670
- 669
- Z2  
Z3
- Z4
- Z6
- Z5
- Y1
- Y2
- X1
- X2



- Y3
- 676
- 244
- 678
- 679
- 680
- 656
- 657



- Due to dense, healthy tree cover & only a few trees proposed to be removed, 0% of the home surface would be seen from Blossom Hill Blossom Hill /Los Gatos Blvd intersection, even with a photo when taken 500 ft closer to the site, and with a 300 mm lens.

Roof Line  
+710'0"

Existing Grade +694'0"

Building  
Outline





Area of Visible Home = 0 sf. < 24.5% from Blossom Hill /Los Gatos Blvd. intersection

- 670
- 669
- 668  
671
- 662
- 661  
663  
664
- 675  
660
- 676  
677
- 622  
624  
626



► Trees used for screening are identified with an orange outline. Trees proposed to be removed are identified by red outline

- 679  
680
- 678
- 244
- X1
- 675
- 674
- 671
- 669
- 668
- 670



- Z6
- Z4

Total surface area of the building elevation = 2,971 sf.

Area of Visible Home = 586 sf. = 20% < 24.5%

Existing Grade +694'0"

Roofline +710'0"

Lot 10



Total surface area of the building elevation = 2,971 sf.

Area of Visible Home = 586 sf. = 20% < 24.5%

Building Area  
2,971 sf.

<E> Trees to be removed  
(shown in yellow)

Building Area seen  
586 sf. = 20% < 24.5%

Existing Grade +694'0"

Roofline  
+710'0"

Lot 10



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Total surface area of the building elevation = 2,971 sf.

Area of Visible Home = 586 sf. = 20% < 24.5%

- 244
- 679  
680
- 678
- 677
- X2
- X1
- 675
- 674

Building area seen after tree removal  
586 sf. = 20% < 24.5%

Lot 10

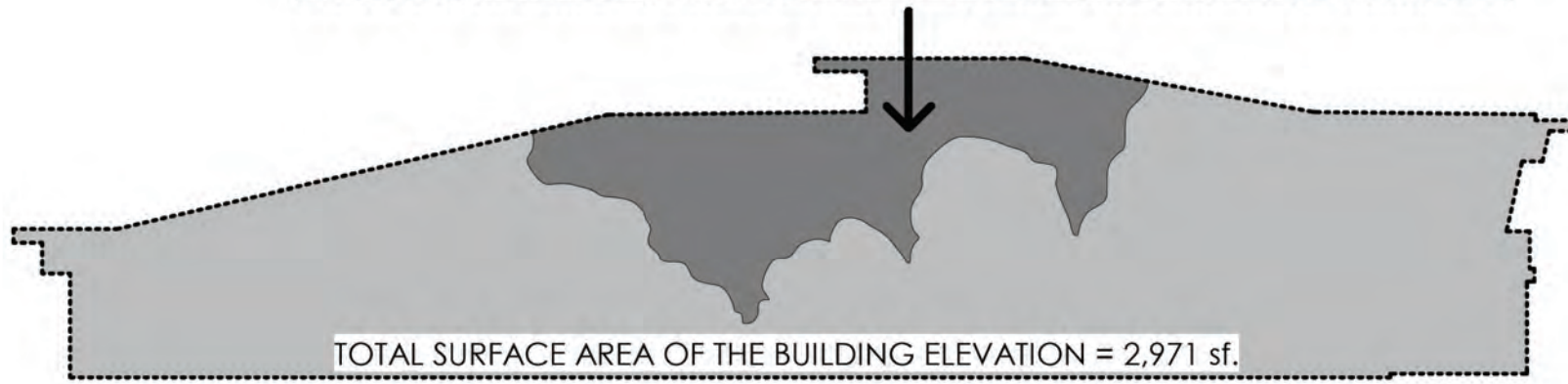
- 671
- 668
- 669
- 670
- Z2  
Z3
- Trees below 670
- Z4,  
Z5
- Z6
- Trees below Z6
- Y1  
Y2
- Y3

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Total surface area of the building elevation = 2,971 sf.

Area of Visible Home = 586 sf. = 20% < 24.5%

**VISIBLE AREA OF THE BUILDING ELEVATION = 586 sf. = 20% of the total building area**



- From this observation area, ( $\pm 500$ ft.) given that distance, one cannot distinguish the home with a naked eye. Any closer, it cannot be seen due to obstructions from natural topography. This home with low LRV surface material values, even when seen up-close (thru 300 mm telephoto lens), will have very little impact to the hillside views.



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15365 Santella Court-Los Gatos-CA 95032

Selinda Way View Analysis

1/31/2024



Photomontage of the home seen by 300 mm lens

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# OLGAARD RESIDENCE

(APN): 527-09-036.  
 15365 SANTELLA COURT,  
 LOS GATOS CALIFORNIA 95032

PLANNING DEPARTMENT DEVELOPMENT APPLICATION



ARCHITECT:  
 HARI SRIPADANNA AIA LEED AP  
 SRUSTI ARCHITECTS  
 18524 MONTERE WAY  
 SARATOGA CA 95070  
 PHONE:(408) 507 8138

## Olgaard Residence

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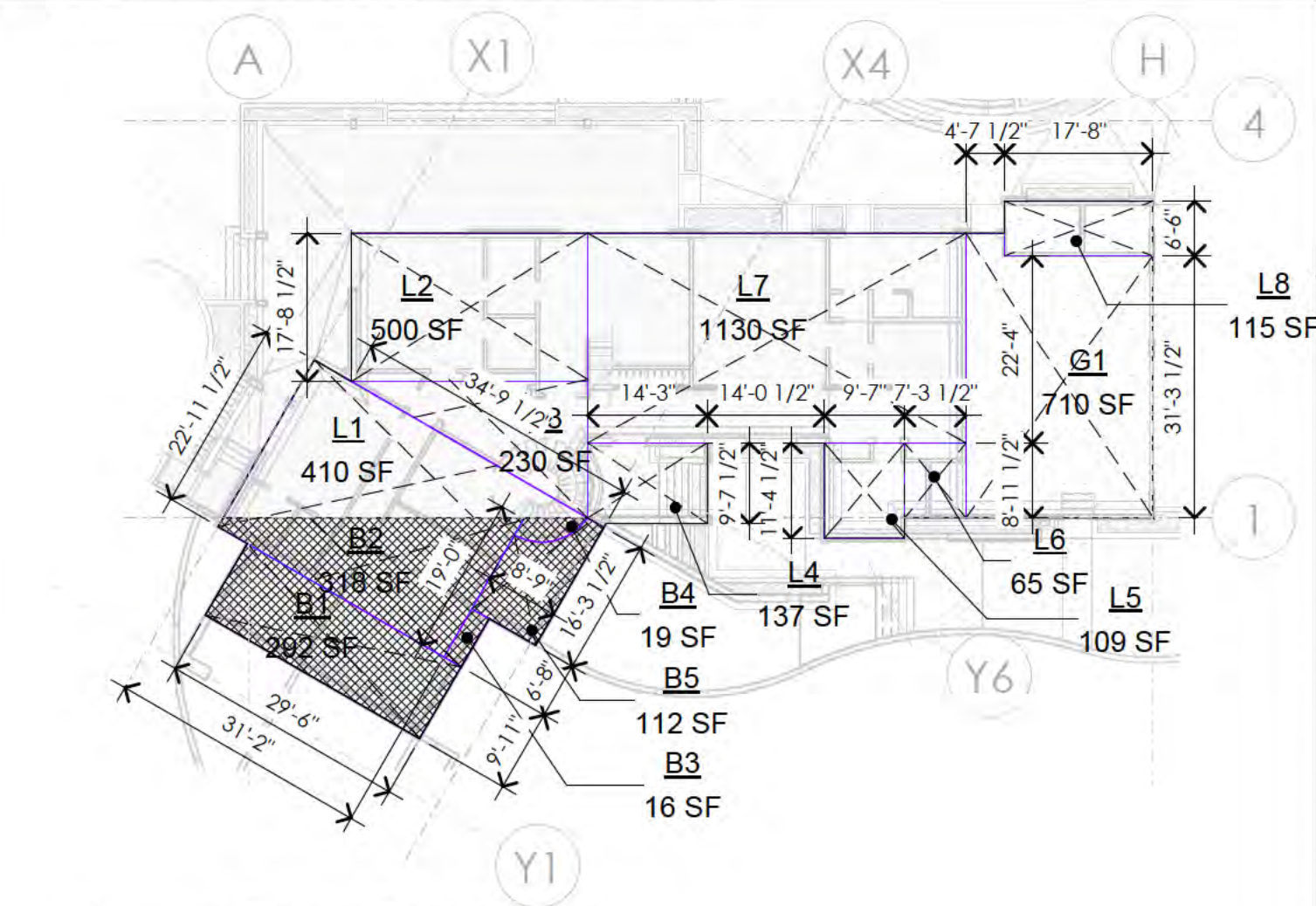
OWNER:  
 Christian & Helen Olgaard

PROJECT NO:	1062018
DRAWN BY:	Author
CHECKED BY:	Checker
Planning Submittal 01:	Oct 19 2018
Planning Backcheck Submittal 02:	June 12 2019
Planning Backcheck Submittal 03:	Sep 16 2019
Planning Backcheck Submittal 04:	Oct 25 2019
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Planning Permit Extension Backcheck Submittal 05:	Jan 31 2024
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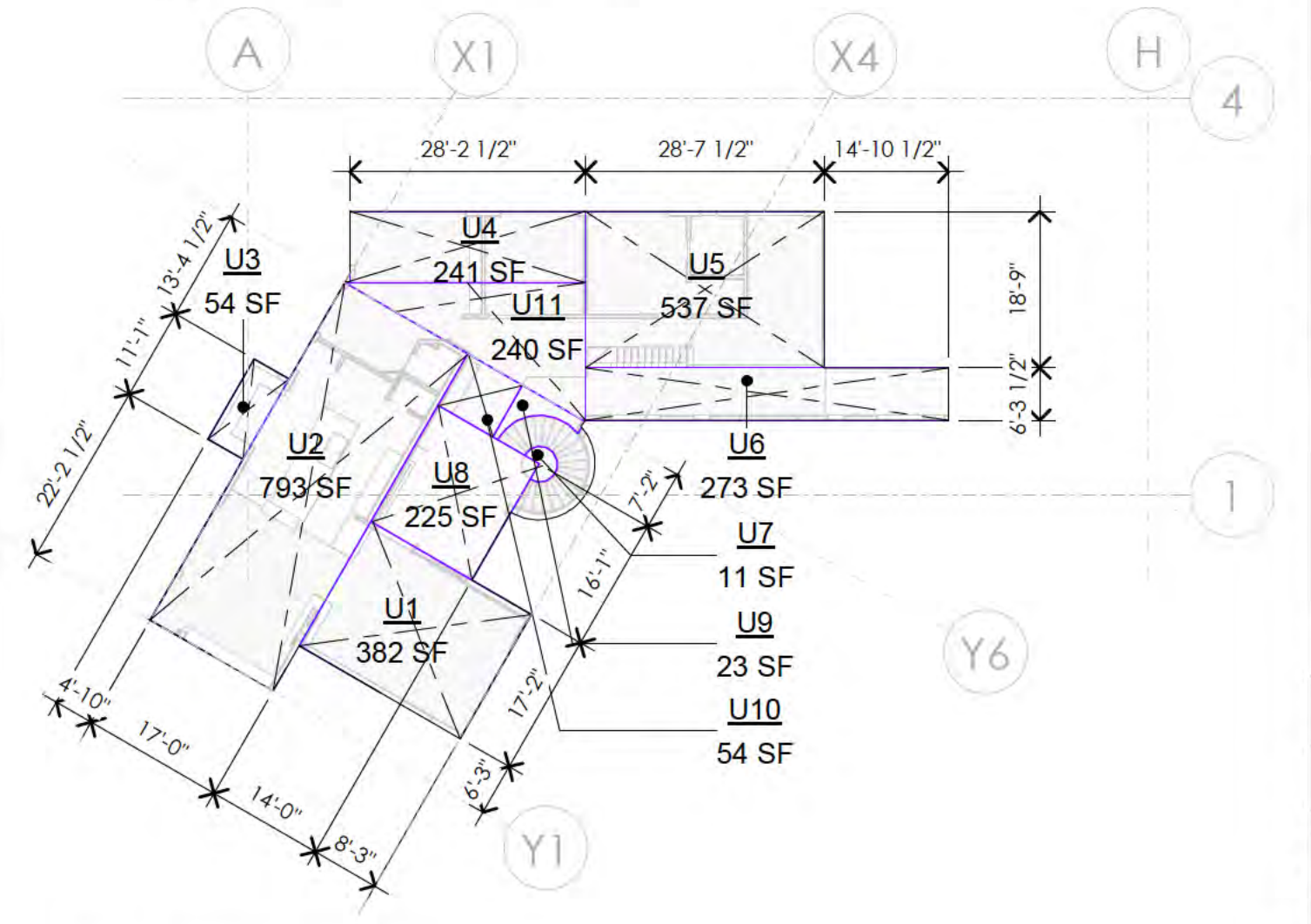
SHEET TITLE  
 Title Sheet

**A000**  
 SHEET OF

EXHIBIT 13



1 Lower Level Floor Area Calculation Diagram



2 Upper Level Floor Area Calculation Diagram

DEVELOPMENT OF A NEW, TWO LEVEL, SINGLE FAMILY DWELLING

OLGAARD RESIDENCE

(APN): 527-09-036. Address: Lot 9, 15365 Santella Court, Los Gatos CA 95032

Table: Allowable Floor Area & Calculation Table. Lists room names, areas, and comments for the lower level.

Table: Garage Floor Area & Calculation Table. Lists garage area details and calculations.

Table: Basement Floor Area & Calculation Table. Lists basement area details and calculations.

Table: PROJECT DIRECTORY. Lists project roles and contact information for Owner, Architect, Structural Engineer, Landscape Architect, Civil Engineer, Mech. & Plumb. Engineer, Electrical Engineer, and LEED Consultant.

PROJECT DESCRIPTION: The Project scope involves site development, design and construction of a two level 4 bed 4 1/2 bath and 3 car garage single family dwelling of 6285 sf floor area on a 2 acre hill side vacant lot.

Table: PROPERTY & BUILDING DIMENSIONAL COMPLIANCE. Lists zoning, assessor parcel number, address, construction type, and occupancy type.

Table: BUILDING DATA. Lists gross lot size, driveway portion, net lot size, average lot slope, allowable floor area, and other building specifications.

Fire sprinkler system (NFPA 13-D 2016 Addition Standard) shall be installed throughout the entire structure under a separate permit.

Table: SHEET NUMBER and SHEET NAME. Lists sheet numbers (A000 to A118) and their corresponding sheet names.

Table: ABBREVIATIONS. Lists various architectural abbreviations and their corresponding symbols or terms.

Table: SYMBOL LEGEND. Lists symbols for various architectural elements like walls, windows, doors, and fixtures.

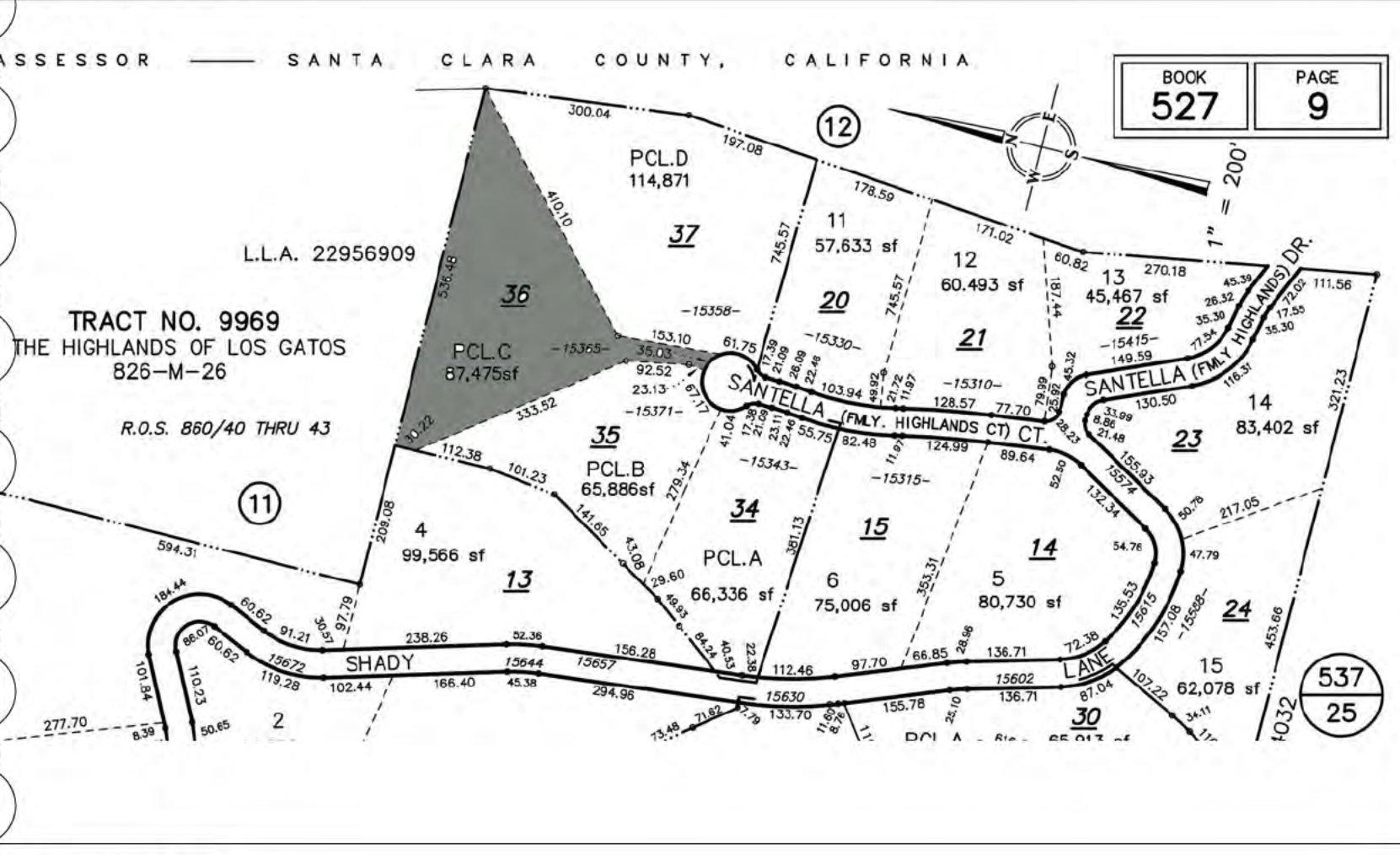
APPLICABLE BUILDING CODES

The Current Codes, as amended & adopted by the Town of Los Gatos as of January 1, 2023, are the 2022 California Building Standards Code, California Code of Regulations Title 24, Parts 1-12, as listed below.

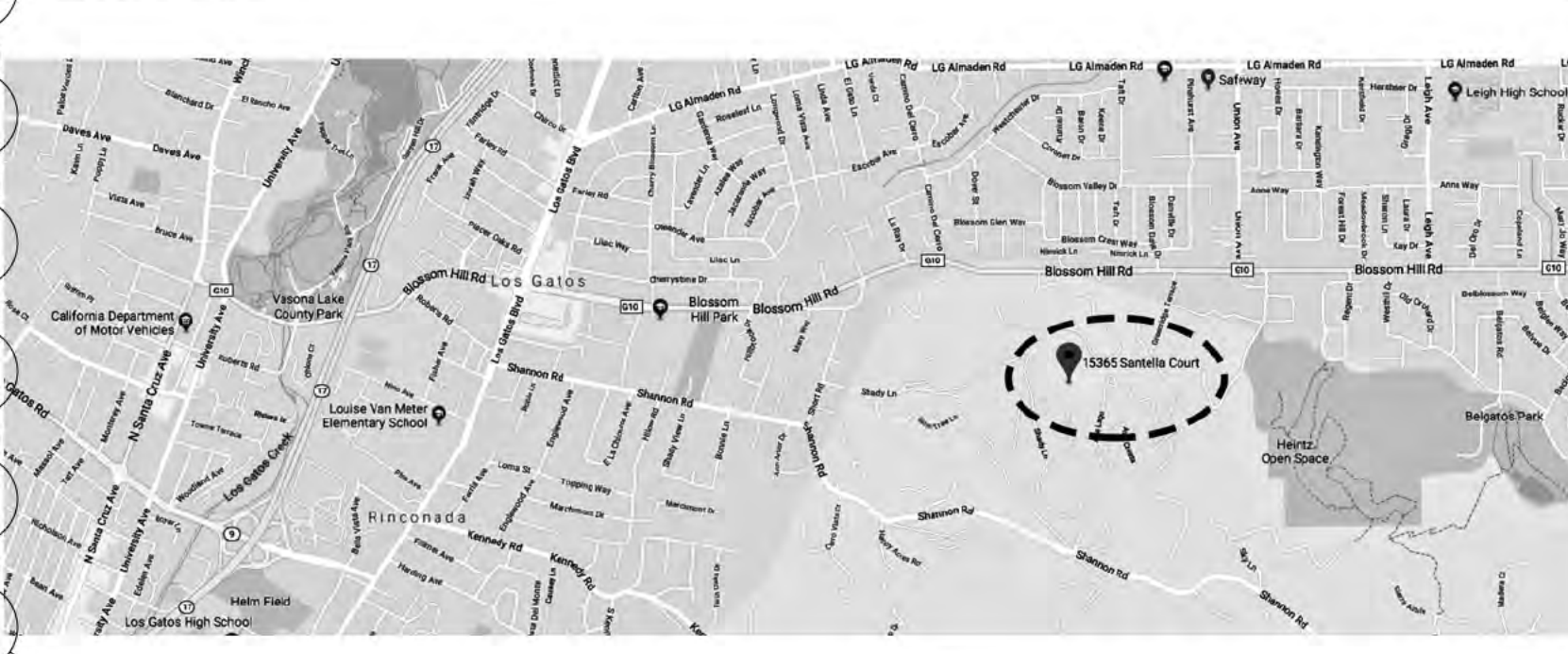
SEPERATE REQUIRED SUBMITTALS

- List of separate required submittals including fire sprinkler system, utility company, and PV system installation.

PARCEL MAP

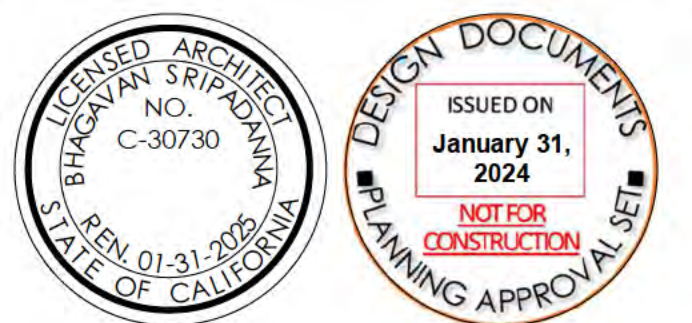


VICINITY MAP



GENERAL NOTES

- General notes providing additional information and instructions for the construction project.



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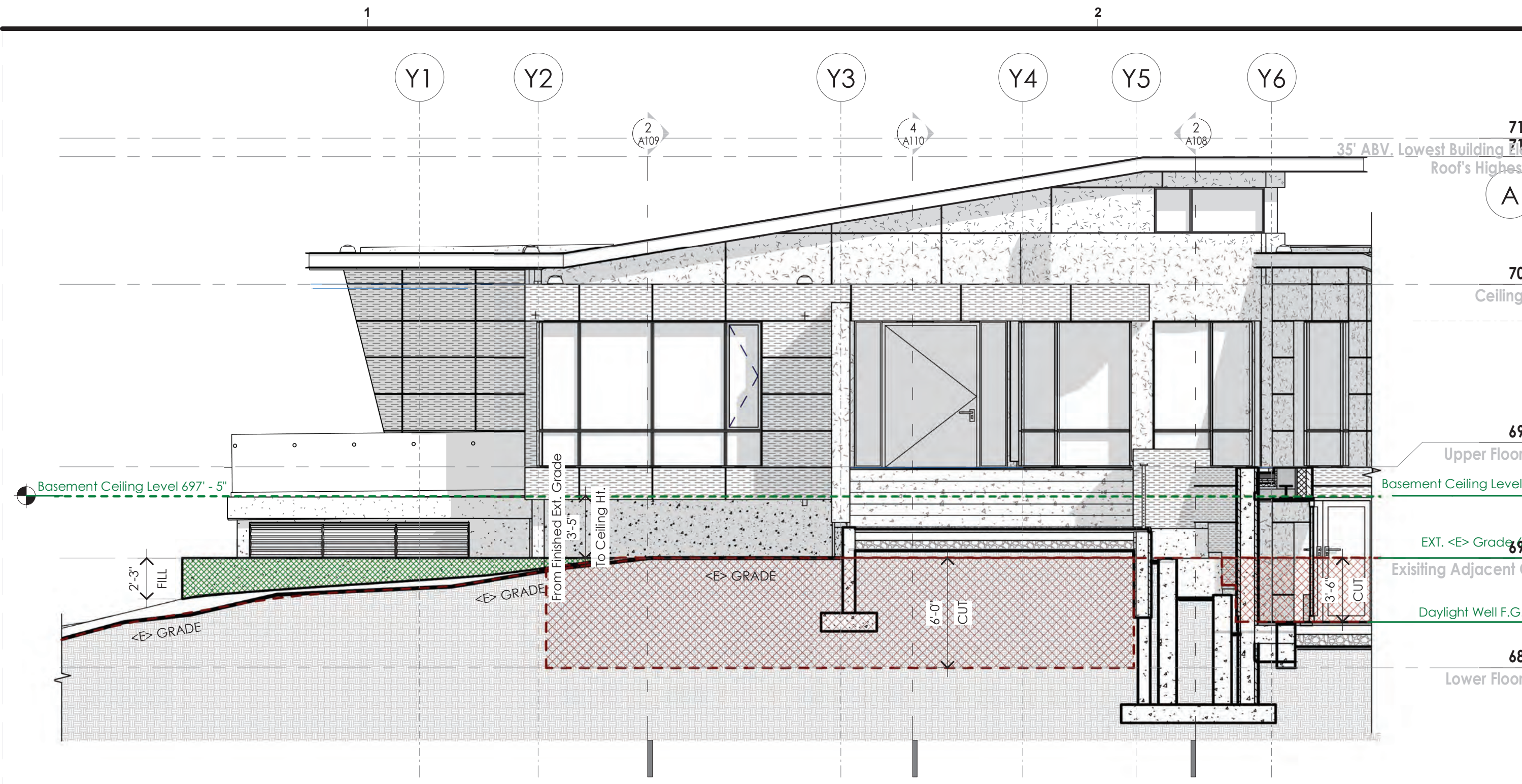
15365 Santella Court, Los Gatos, CA 95032

OWNER: Christian & Helen Olgaard

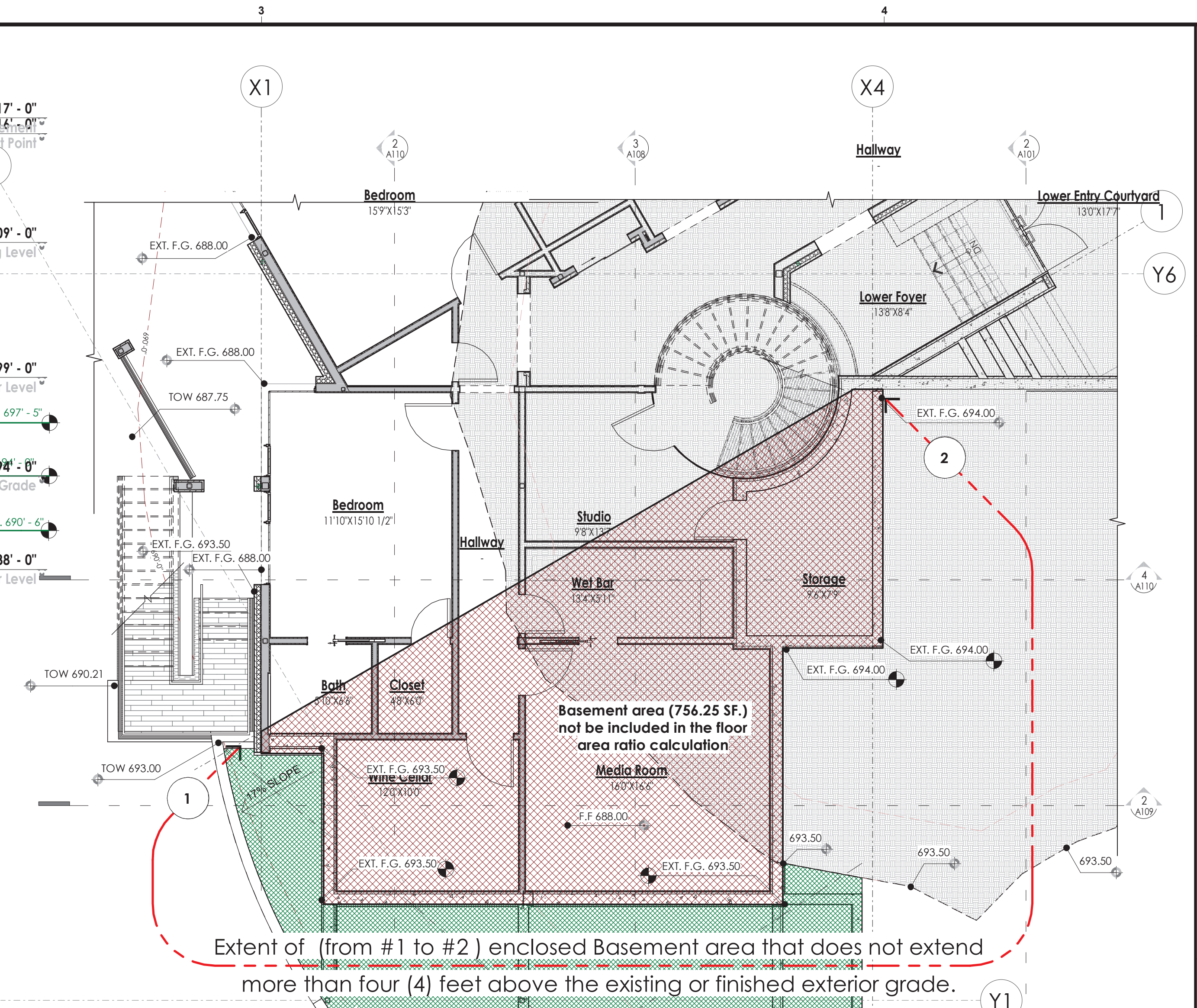
Table: PROJECT NO, DRAWN BY, CHECKED BY, and other project details.

Project Data Sheet

A100 SHEET OF



2 Partial Southwest Elevation  
 3/16" = 1'-0"

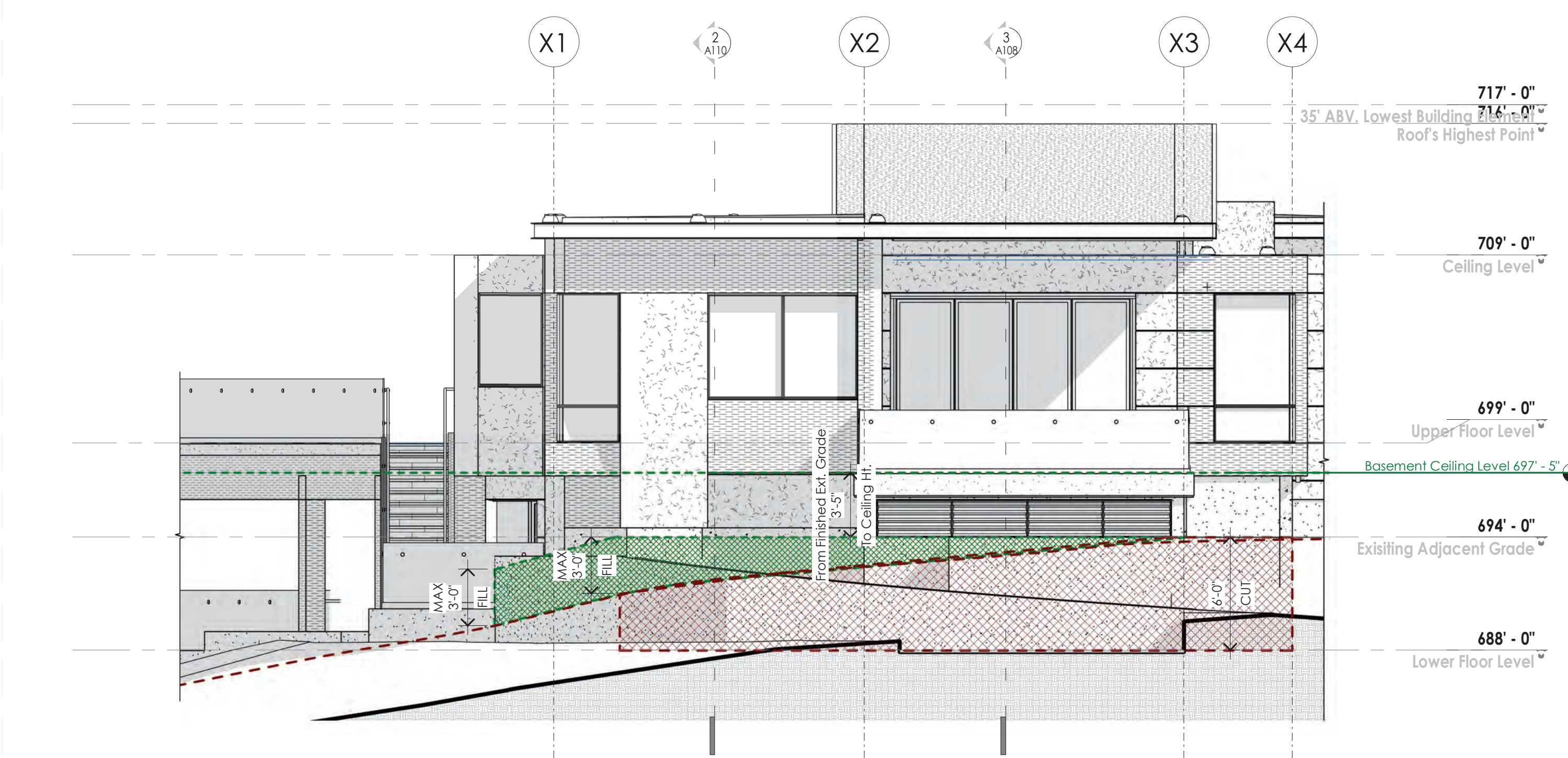


Extent of (from #1 to #2) enclosed Basement area that does not extend more than four (4) feet above the existing or finished exterior grade.

AREA OF FILL  
 (3ft. Max. Ht. from <E> Grade)

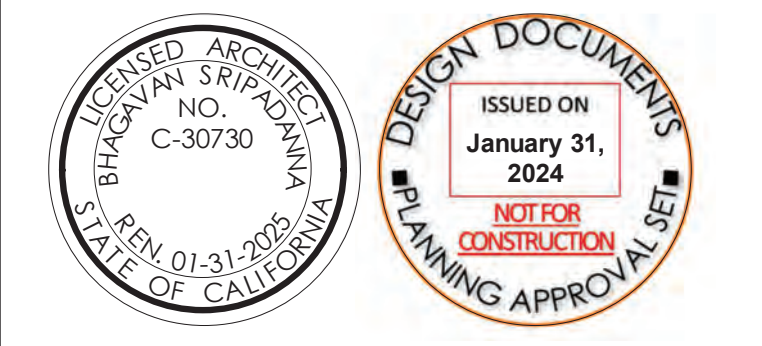
**LEGEND**

	FILL
	CUT



3 Partial Northwest Elevation  
 3/16" = 1'-0"

1 Enlarged Basement Floor Plan  
 3/16" = 1'-0"



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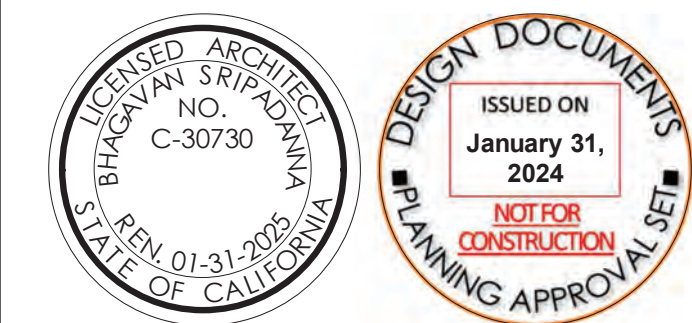
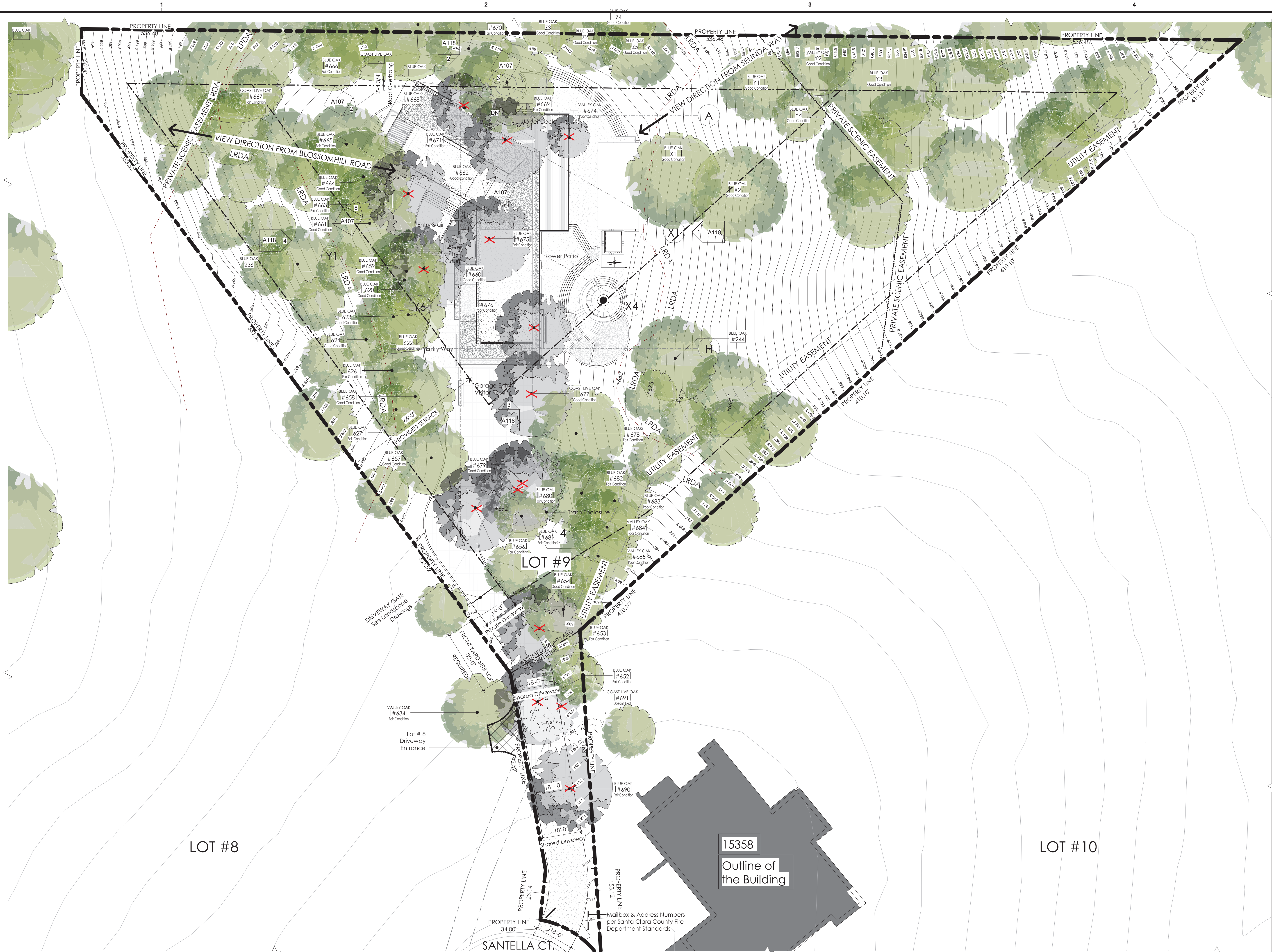
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OWNER:  
 Christian & Helen Olgaard

PROJECT NO:	1062018
DRAWN BY:	Author
CHECKED BY:	Checker
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SHEET TITLE  
**Basement Diagrams**

**A101**  
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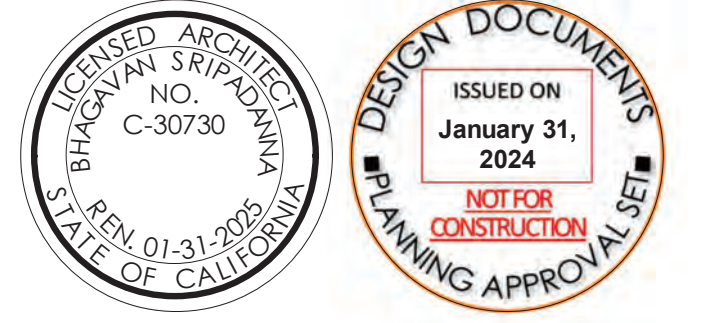
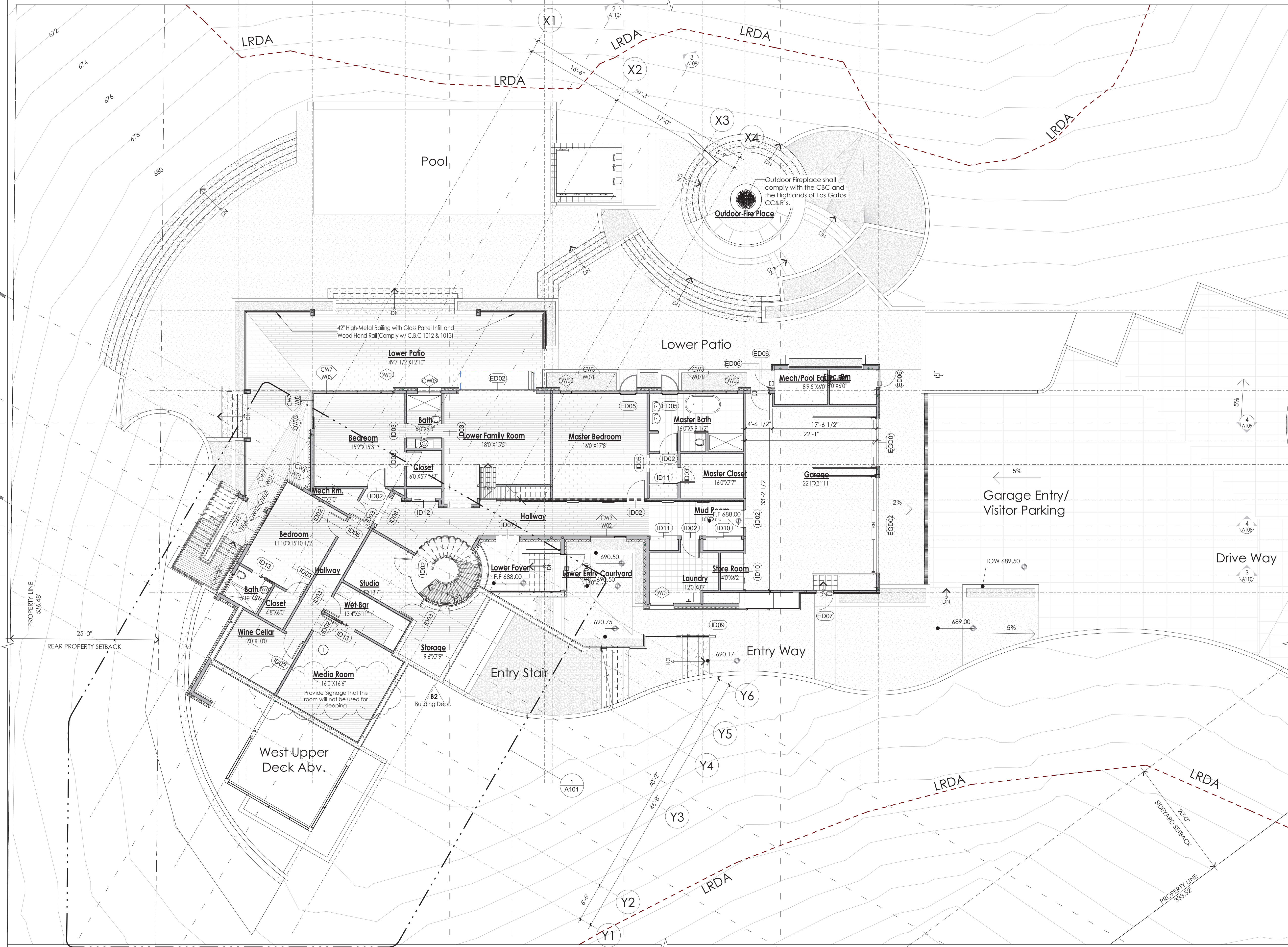
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Planning Backcheck Submittal 03:	Sep16 2019
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SHEET TITLE  
**Siteplan**

**A102**  
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**Key Notes**

- 1 Provide Signage that this room will not be used for sleeping



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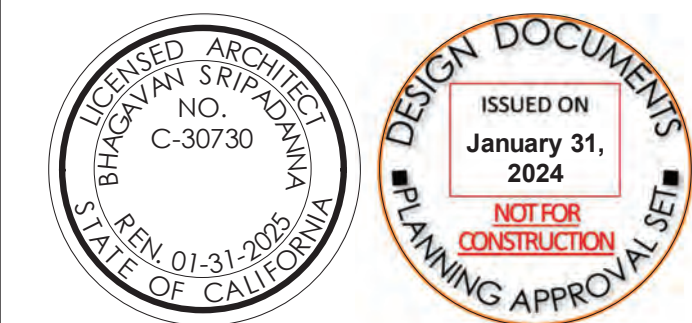
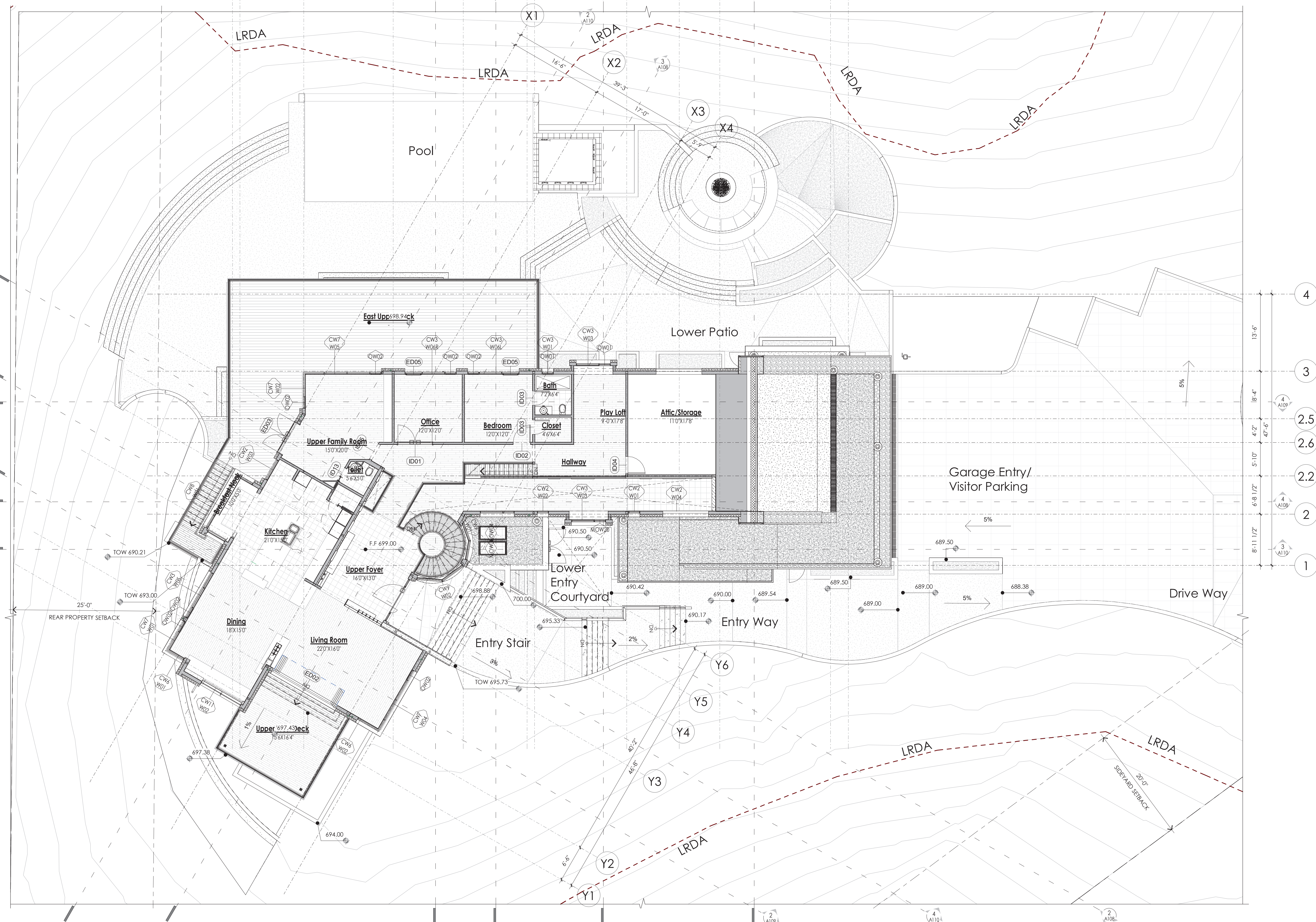
15365 Santella Court,  
 Los Gatos, CA 95032

OWNER:  
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PROJECT NO:	1062018
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SHEET TITLE  
**Lower Level Floor Plan**

**A103**  
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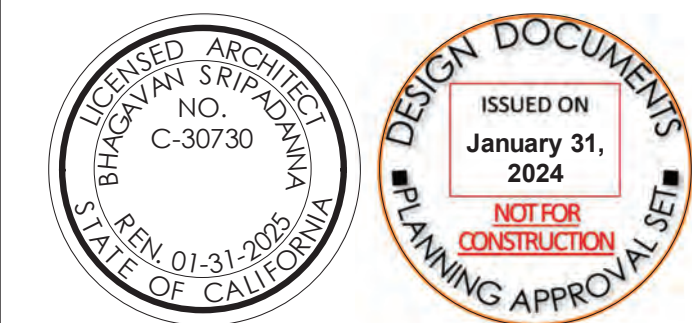
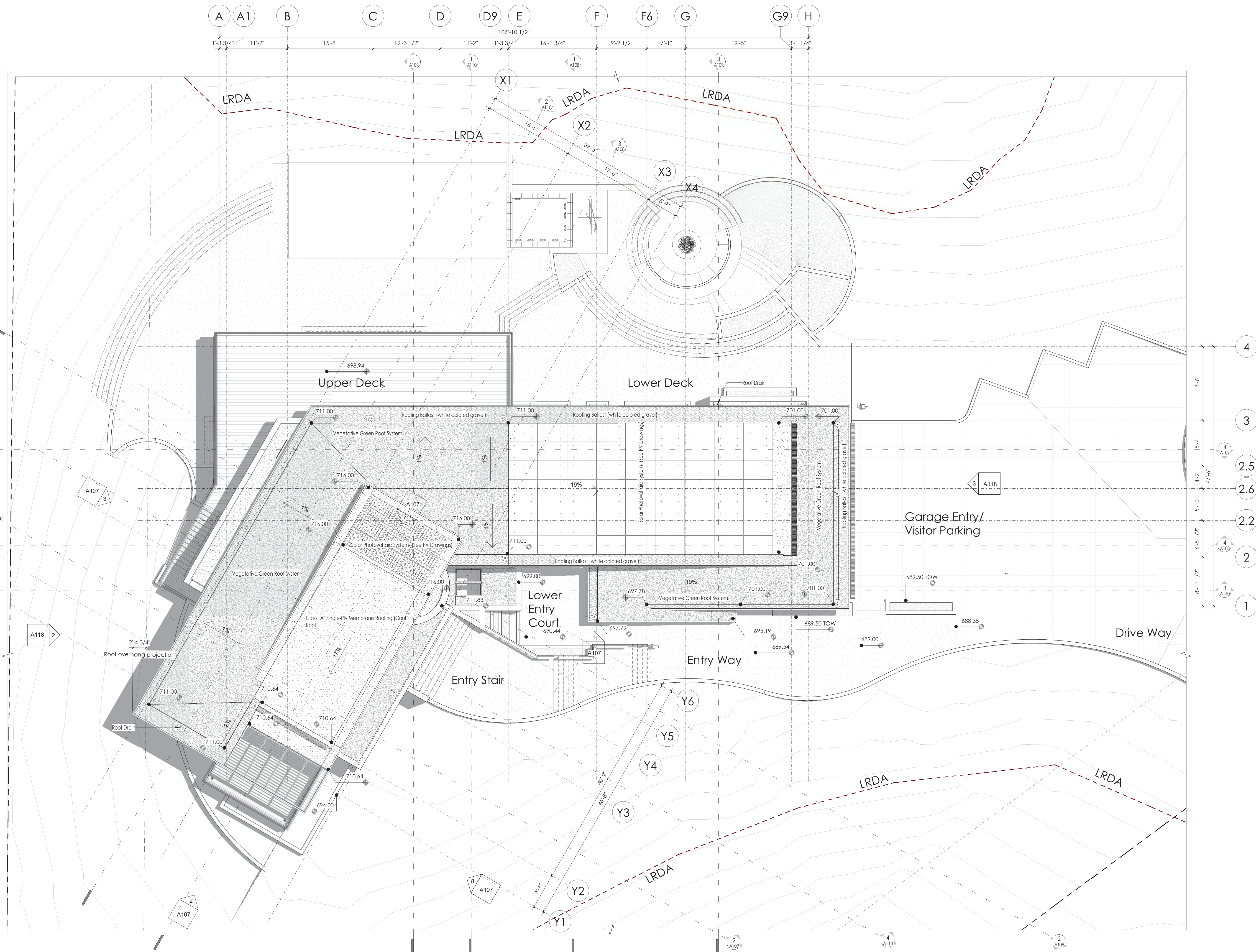
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Planning Backcheck Submittal 03:	Sep 16 2019
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SHEET TITLE  
**Upper Level Floor Plan**

**A104**  
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1/31/2024 9:53:11 AM

1 Upper Level Floor Plan  
 1/8" = 1'-0"



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 SARATOGA CA 95070  
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 Los Gatos, CA 95032

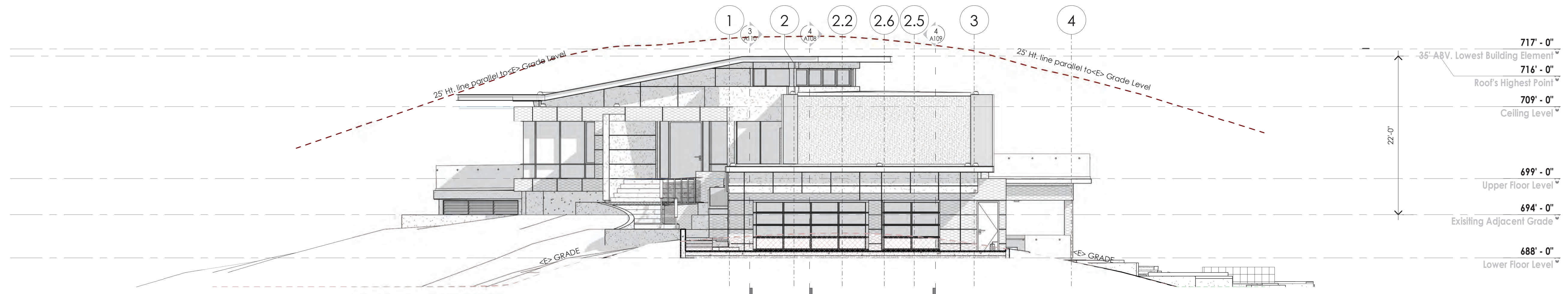
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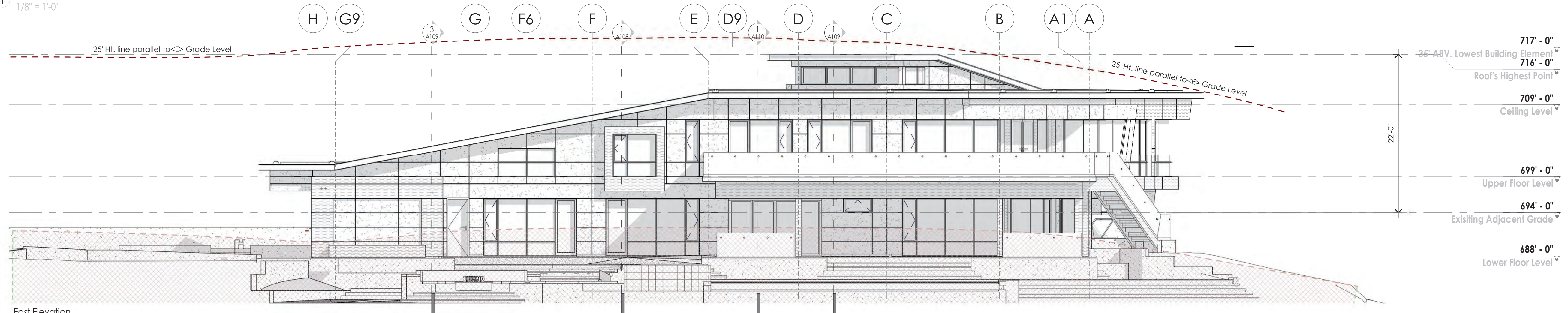
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**Roof Plan**

**A105**  
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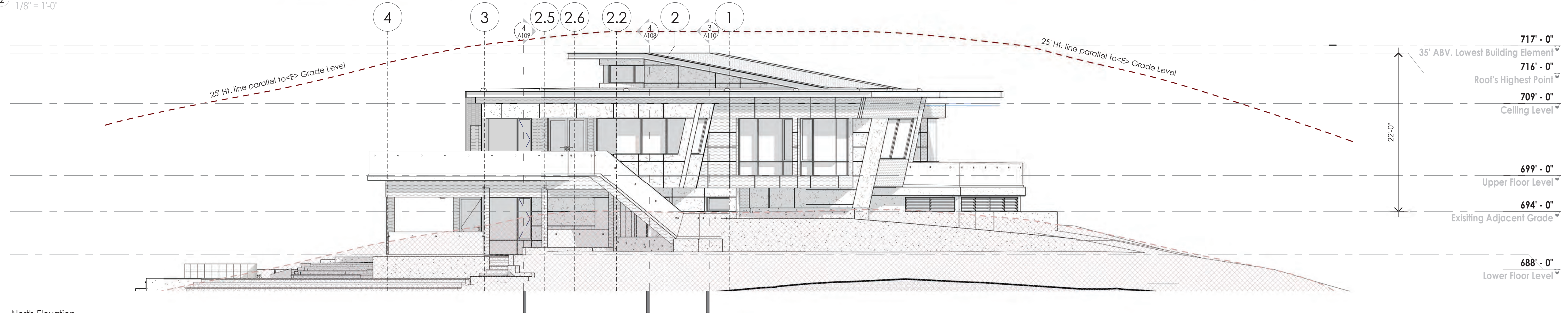
1 South Elevation  
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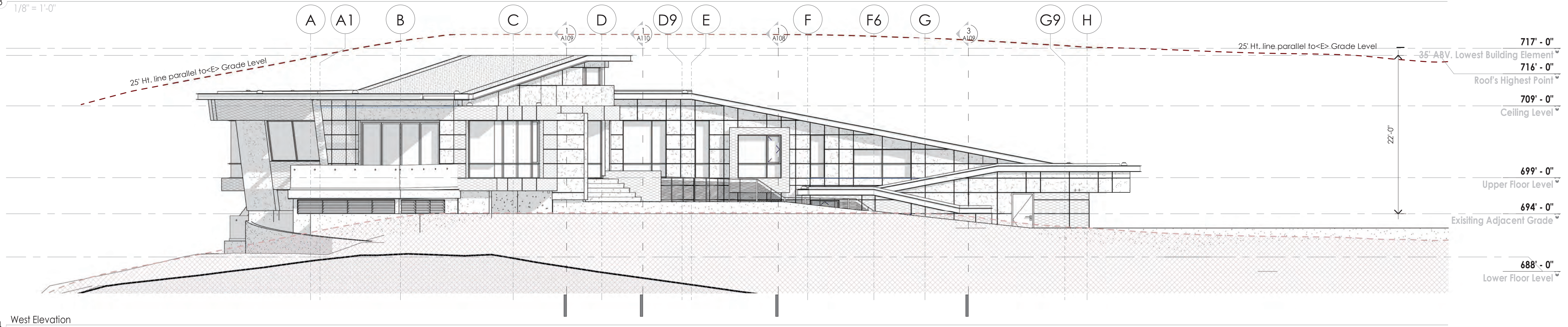
2 East Elevation  
 1/8" = 1'-0"



3 North Elevation  
 1/8" = 1'-0"



4 West Elevation  
 1/8" = 1'-0"



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 Christian & Helen Olgaard

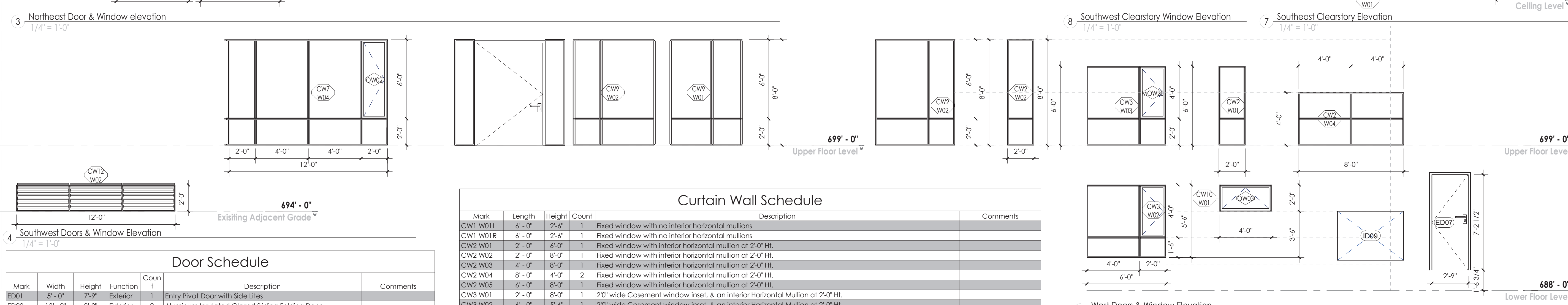
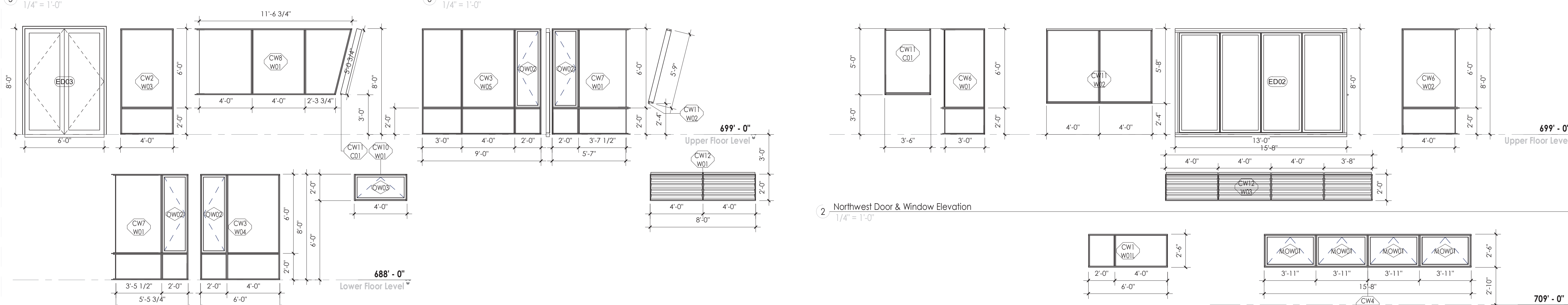
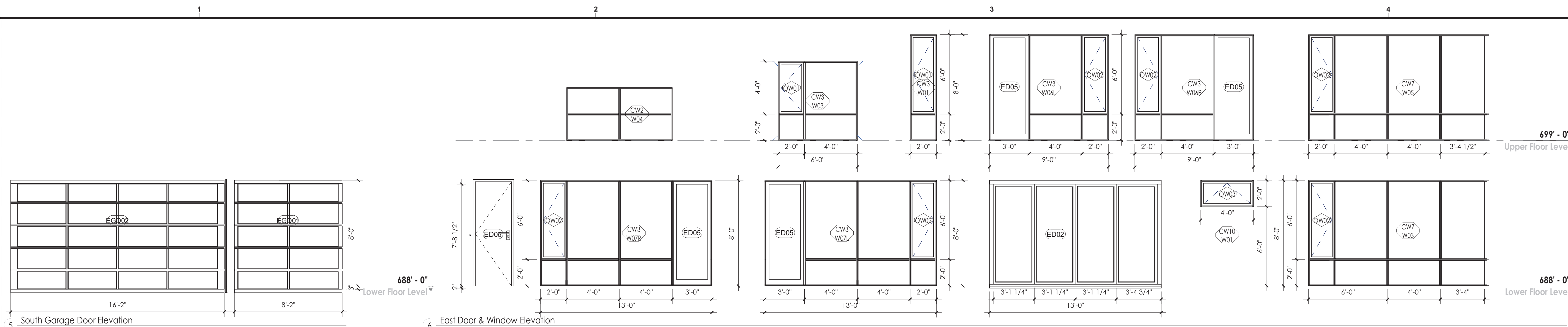
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DRAWN BY:	Author
CHECKED BY:	Checker
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SHEET TITLE  
**Building Elevations**

**A106**

SHEET OF

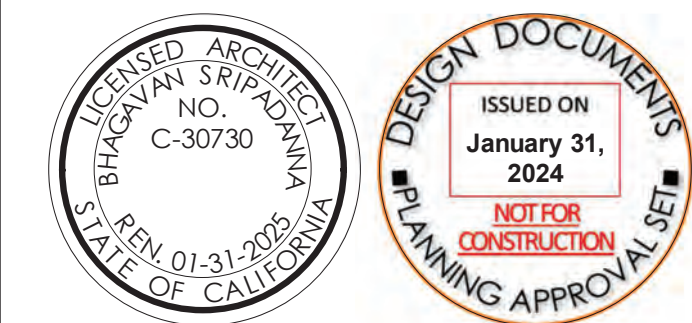




Mark	Length	Height	Count	Description	Comments
CW1 W01L	6'-0"	2'-6"	1	Fixed window with no interior horizontal mullions	
CW1 W01R	6'-0"	2'-6"	1	Fixed window with no interior horizontal mullions	
CW2 W01	2'-0"	6'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W02	2'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W03	4'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W04	8'-0"	4'-0"	2	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW2 W05	6'-0"	8'-0"	1	Fixed window with interior horizontal mullion at 2'-0" HT.	
CW3 W01	2'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W02	6'-0"	5'-6"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W03	6'-0"	6'-0"	2	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W04	6'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W05	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W06L	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W06R	9'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W07L	13'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW3 W07R	13'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT.	
CW4 W01	15'-8"	2'-6"	1	Curtain Wall inset with motorized clearstory awning windows	
CW5 W01	3'-0"	5'-0"	1	Fixed window without corner vertical mullion	
CW6 W01	3'-0"	8'-0"	2	Interior horizontal mullion at 2ft. Ht. & without corner vertical mullion	
CW6 W02	4'-0"	8'-0"	1	Interior horizontal mullion at 2ft. Ht. & without corner vertical mullion	
CW7 W01	5'-5 1/2"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W02	5'-7"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W03	6'-0"	8'-0"	2	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W04	13'-4"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW7 W05	12'-0"	8'-0"	1	20" wide Casement window inset, & an interior Horizontal Mullion at 2'-0" HT. & without a corner vertical mullion	
CW8 W01	11'-8 1/2"	5'-0"	1	Slanted mullion on one side & without corner vertical mullion	
CW9 W01	6'-9"	8'-0"	1	Segmented along a curved wall & horizontal mullion at 2'-0" HT.	
CW9 W02	9'-0"	8'-0"	1	Segmented along a curved wall & horizontal mullion at 2'-0" HT.	
CW10 W01	4'-0"	2'-0"	3	Inset Awning window	
CW11 C01	3'-6"	5'-0"	1	Curtain Wall-Slanted	
CW11 W02	8'-0"	5'-8"	1	Curtain Wall-Slanted	
CW12 W01	8'-0"	2'-0"	1	Louvered vents	
CW12 W02	12'-0"	2'-0"	1	Louvered vents	
CW12 W03	15'-8"	2'-0"	1	Louvered vents	
Grand total:	41				

Mark	Width	Height	Function	Count	Description	Comments
ED01	5'-0"	7'-9"	Exterior	1	Entry Pivot Door with Side Lites	
ED02	13'-0"	8'-0"	Exterior	2	Aluminum Insulated Glazed Sliding Folding Door	
ED03	6'-0"	8'-0"	Exterior	1	Aluminum Narrow Style Insulated Glazed Swing Double Door	
ED04	6'-0"	6'-8"	Exterior	1	Aluminum Narrow Style Interior Glazed Swing Double Door	
ED05	2'-10 3/4"	7'-10 1/2"	Exterior	4	Aluminum Narrow Style Insulated Glazed Swing Single Door	
ED06	3'-0"	8'-0"	Exterior	3	Aluminum Framed Flush Exterior Metal Door	
ED07	3'-0"	7'-4"	Exterior	1		
EGD01	8'-0"	8'-6"	Exterior	1	Aluminum Glazed Garage Door	
EGD02	16'-0"	8'-6"	Exterior	1	Aluminum Glazed Garage Door	
ID01	6'-0"	8'-0"	Interior	1	Aluminum Narrow Style Interior Glazed Swing Double Door	
ID02	3'-0"	8'-0"	Interior	10	Solidcore Flush Wood Door	
ID03	2'-6"	8'-0"	Interior	10	Solidcore Flush Wood Door	
ID04	3'-0"	6'-8"	Interior	1	Solidcore Flush Wood Door	
ID05	3'-0"	8'-0"	Interior	3	Cased Opening	
ID06	3'-6"	8'-0"	Interior	1	Cased Opening	
ID07	4'-0"	8'-0"	Interior	1	Cased Opening	
ID08	5'-0"	8'-0"	Interior	1	Cased Opening	
ID09	5'-0"	3'-8 1/2"	Interior	1	Cased Opening	
ID10	6'-0"	8'-0"	Interior	2	Glass Sliding Double Door	
ID11	4'-6"	8'-0"	Interior	2	Glass Sliding Double Door	
ID12	4'-0"	8'-0"	Interior	1	Glass Sliding Double Door	
ID13	2'-6"	8'-0"	Interior	4	Sliding Pocket Door	
ID14	2'-4"	8'-0"	Interior	1	Glass Sliding Pocket Door	
ID19	4'-0"	8'-0"	Interior	1	Cased Opening	
ID22	6'-10"	6'-0"	Interior	1		
ID24	6'-10"	6'-0"	Interior	1		
Grand total:	57					

Mark	Width	Height	Count	Description	Comments
MOW01	3'-9 3/4"	2'-4 1/2"	4	Motorized Awning Window	
MOW04	2'-4"	4'-10"	1	Operable Skylight with curb	
MOW06	2'-4"	4'-10"	1	Operable Skylight with curb	
MOW14	2'-0"	6'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW15	2'-0"	4'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW16	4'-0"	2'-0"	1	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
MOW20	1'-10 3/4"	3'-10 3/4"	1	Casement Window	
OW01	1'-10 1/2"	3'-10 3/4"	3	<varies>	
OW02	1'-10 3/4"	5'-10 3/4"	13	Casement Window	
OW03	3'-10 1/2"	1'-10 1/2"	3	Awning Window	
WN01	2'-0"	4'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
WN02	2'-0"	6'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
WN03	4'-0"	2'-0"	3	2 3/4" Wall Recess with 1 1/2" Thick Wood Sill	
Grand total:	38				



ARCHITECT:  
 HARI SRIPADANNA AIA LEED AP  
 SRUSTI ARCHITECTS  
 18524 MONTERE WAY  
 SARATOGA CA 95070  
 PHONE:(408) 507 8138

**Olgard Residence**

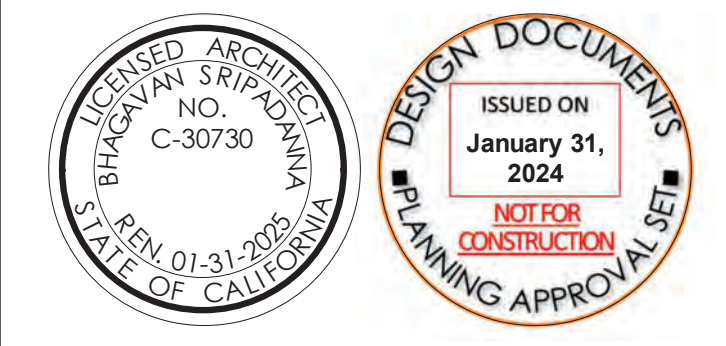
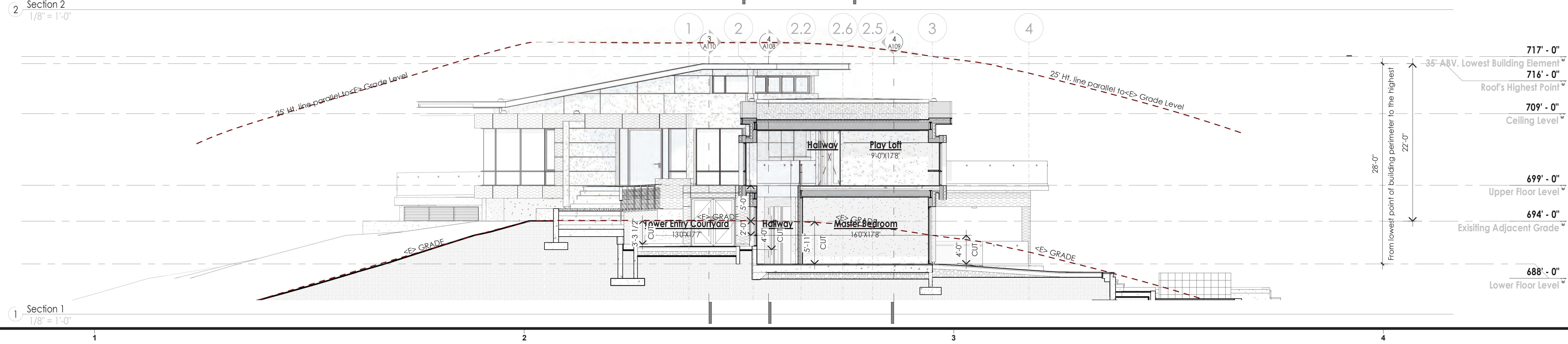
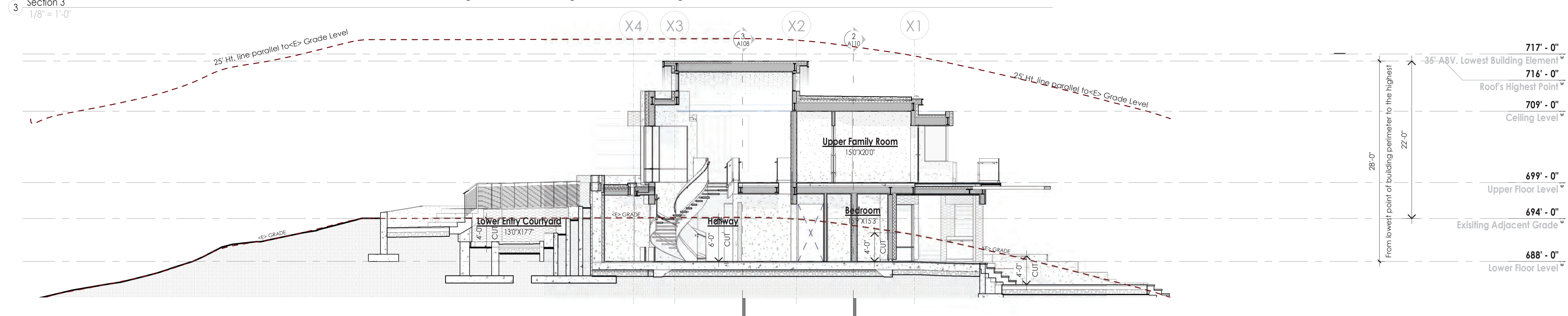
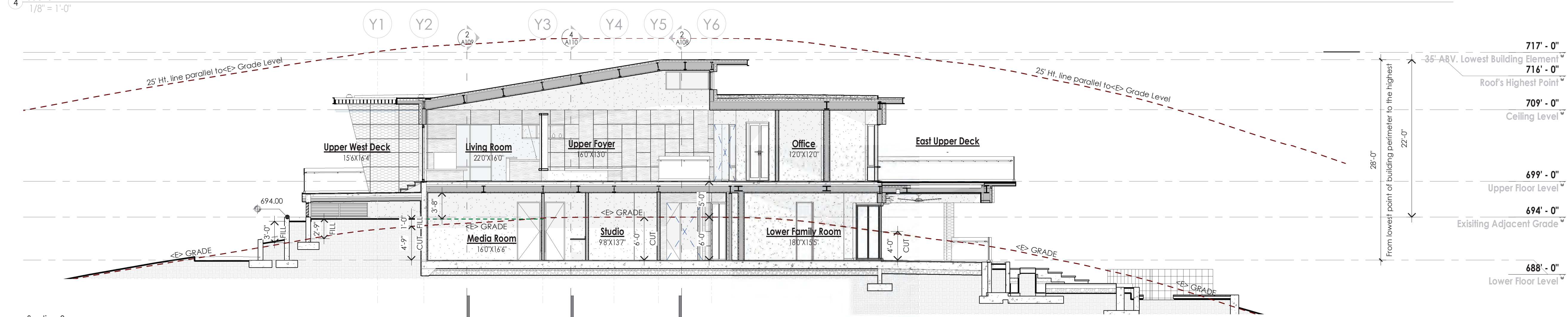
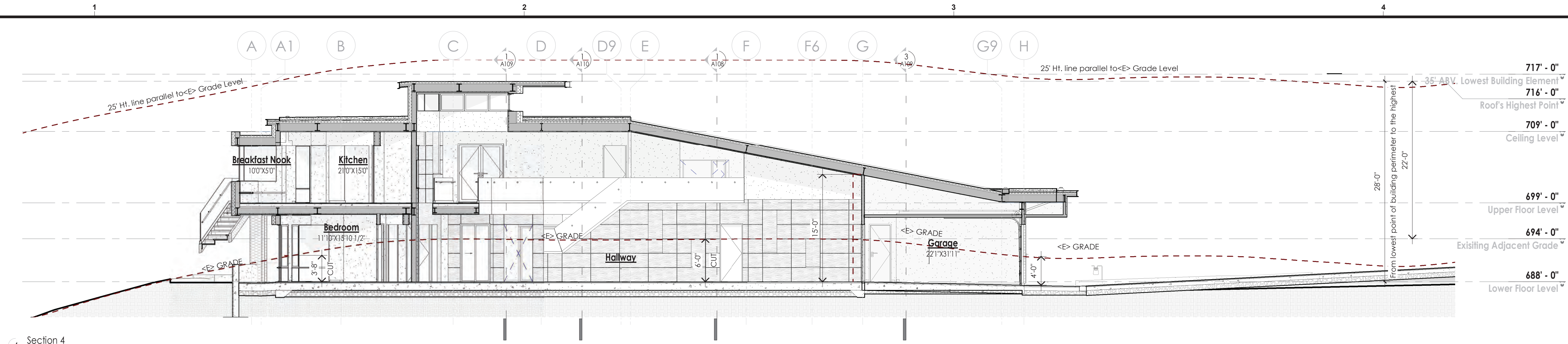
15365 Santella Court,  
 Los Gatos, CA 95032

OWNER:  
 Christian & Helen Olgard

PROJECT NO:	1062018
DRAWN BY:	Author
CHECKED BY:	Checker
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**Door Window Schedules**

**A107**  
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 SARATOGA CA 95070  
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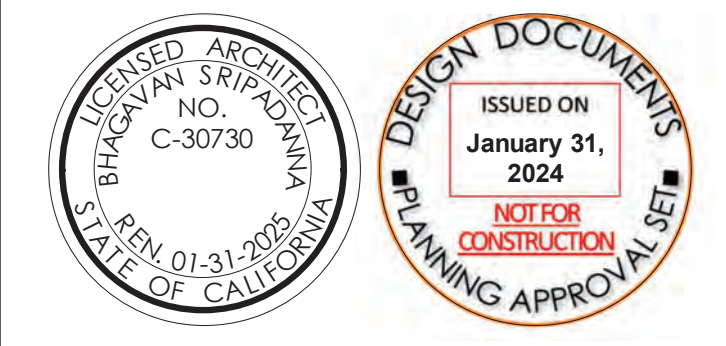
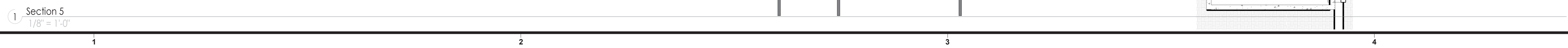
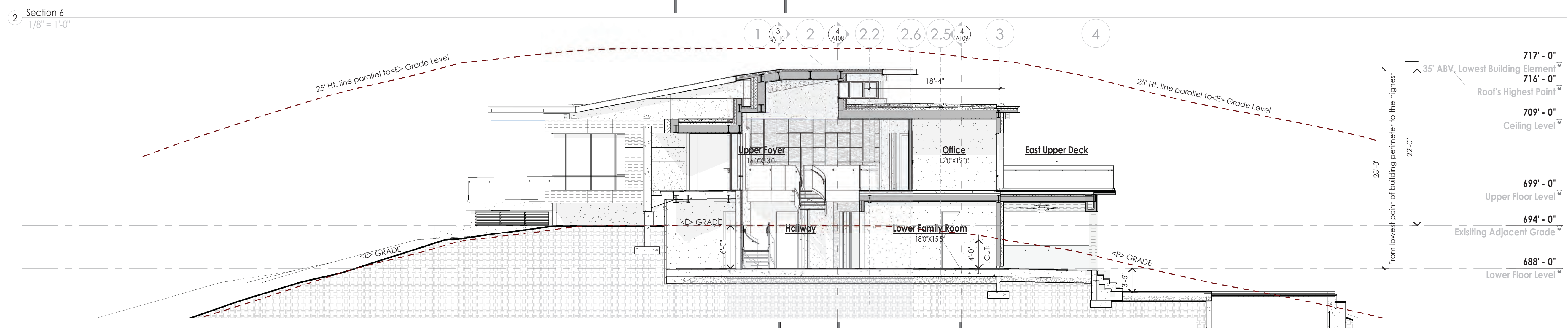
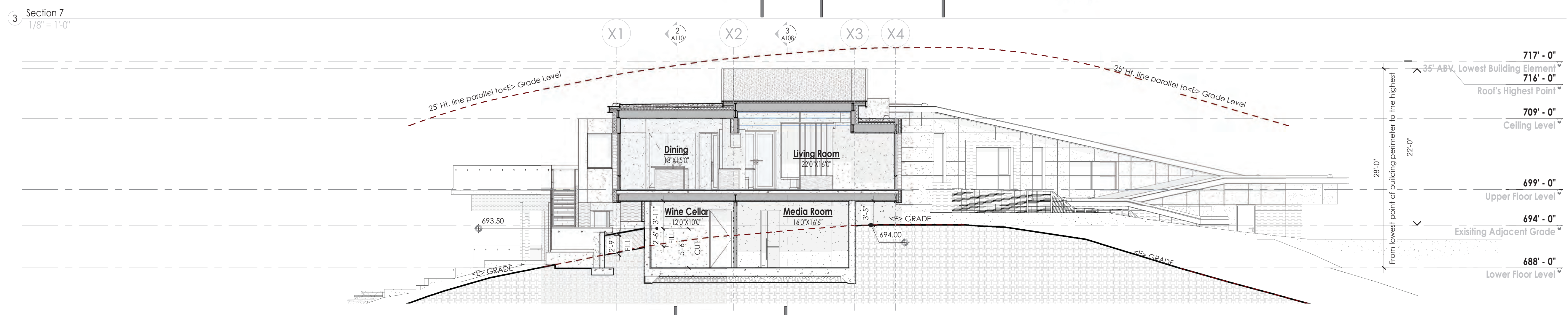
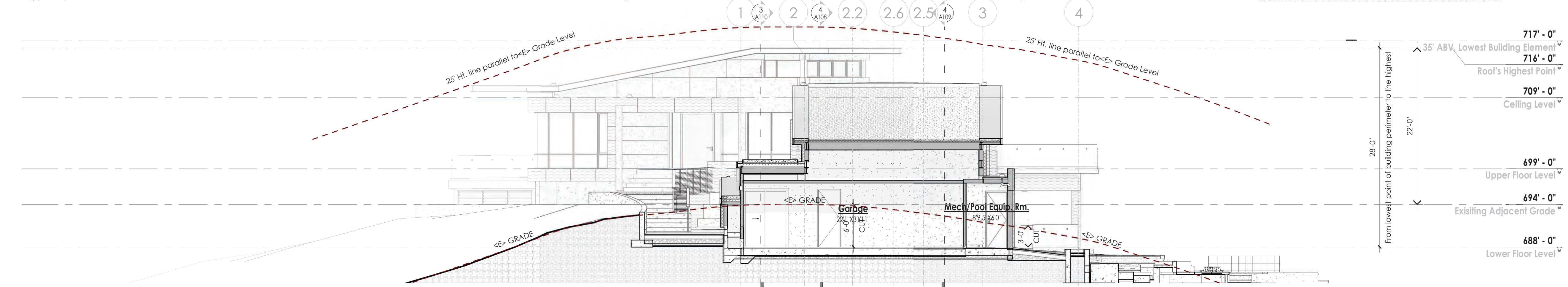
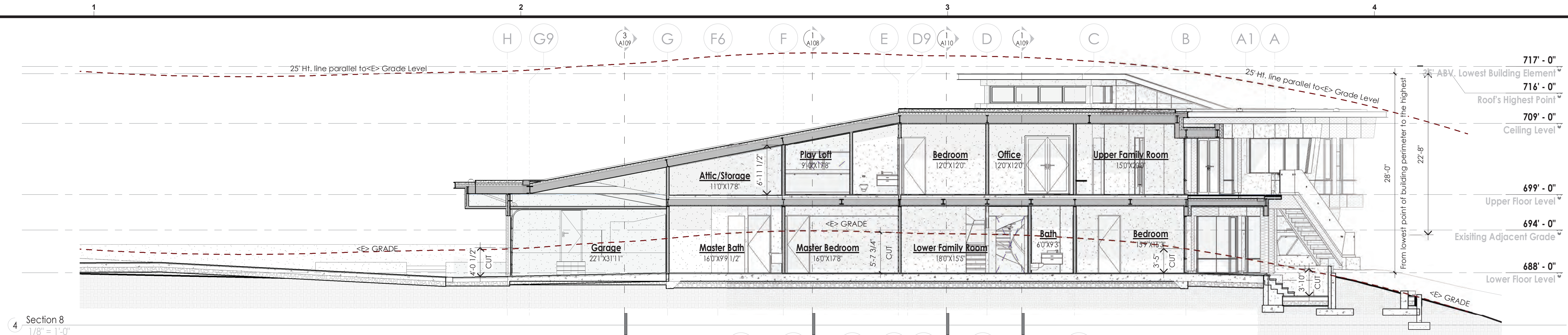
**Olgaard Residence**

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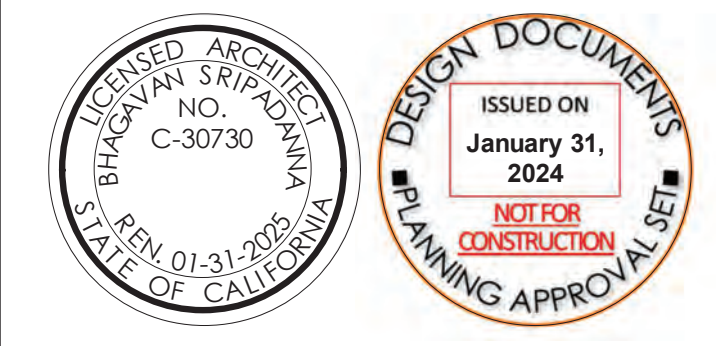
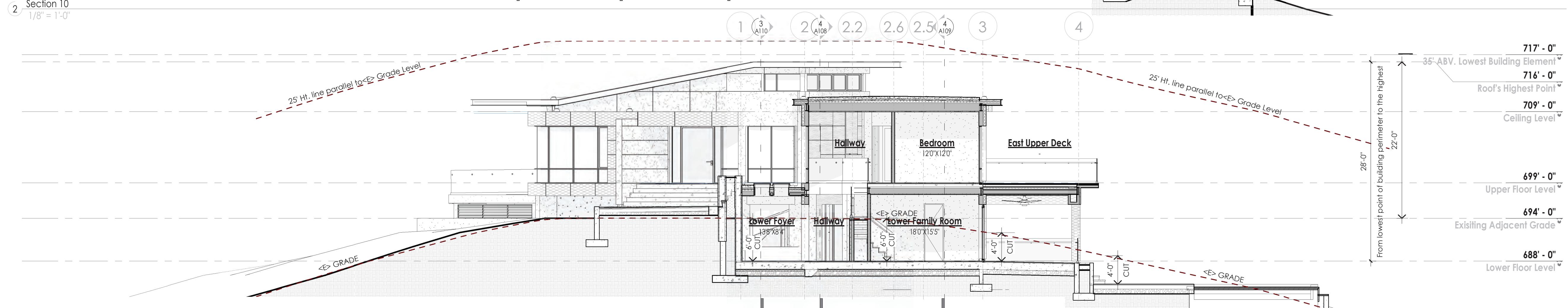
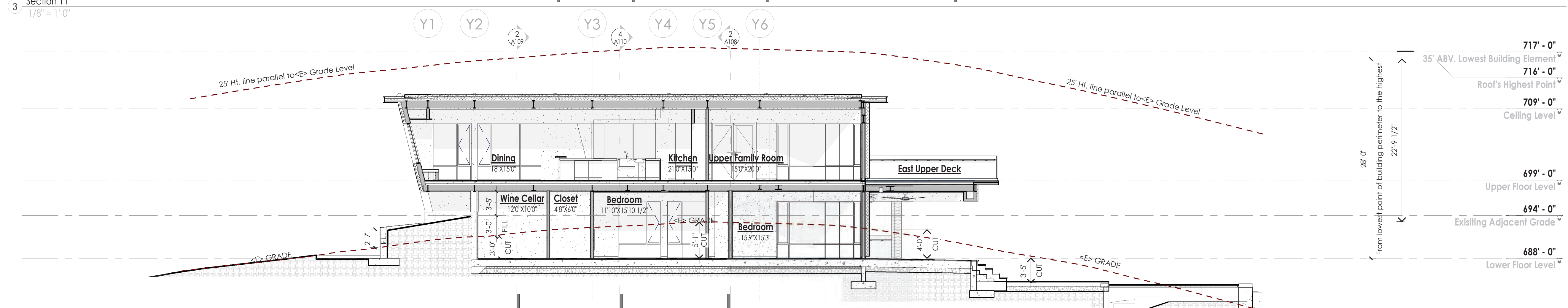
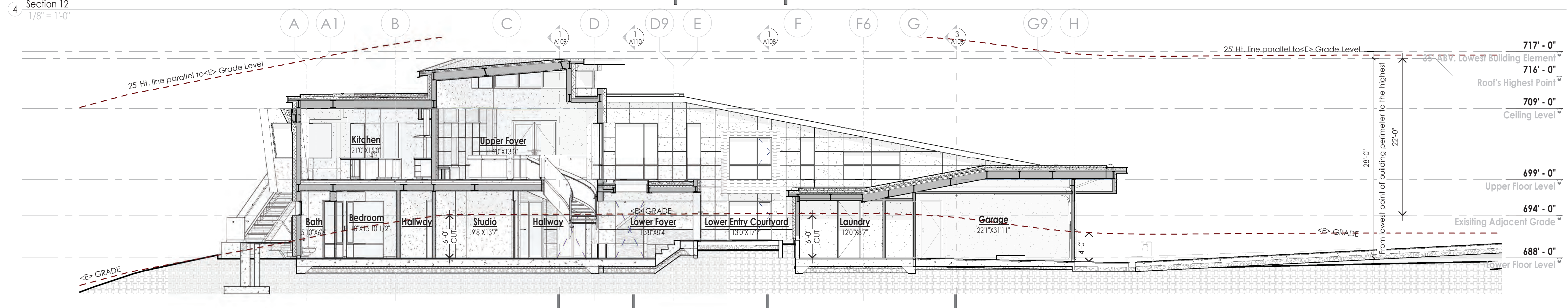
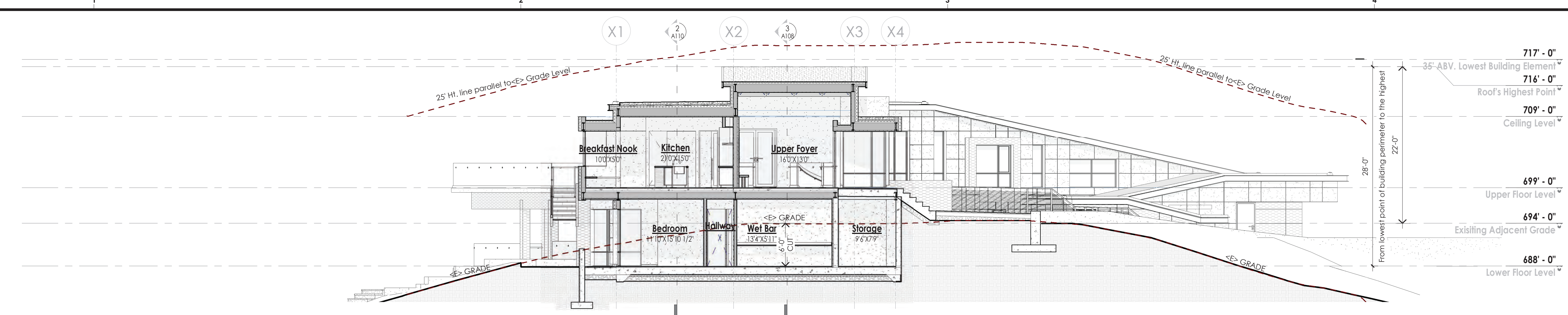
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**Building Sections**

**A109**  
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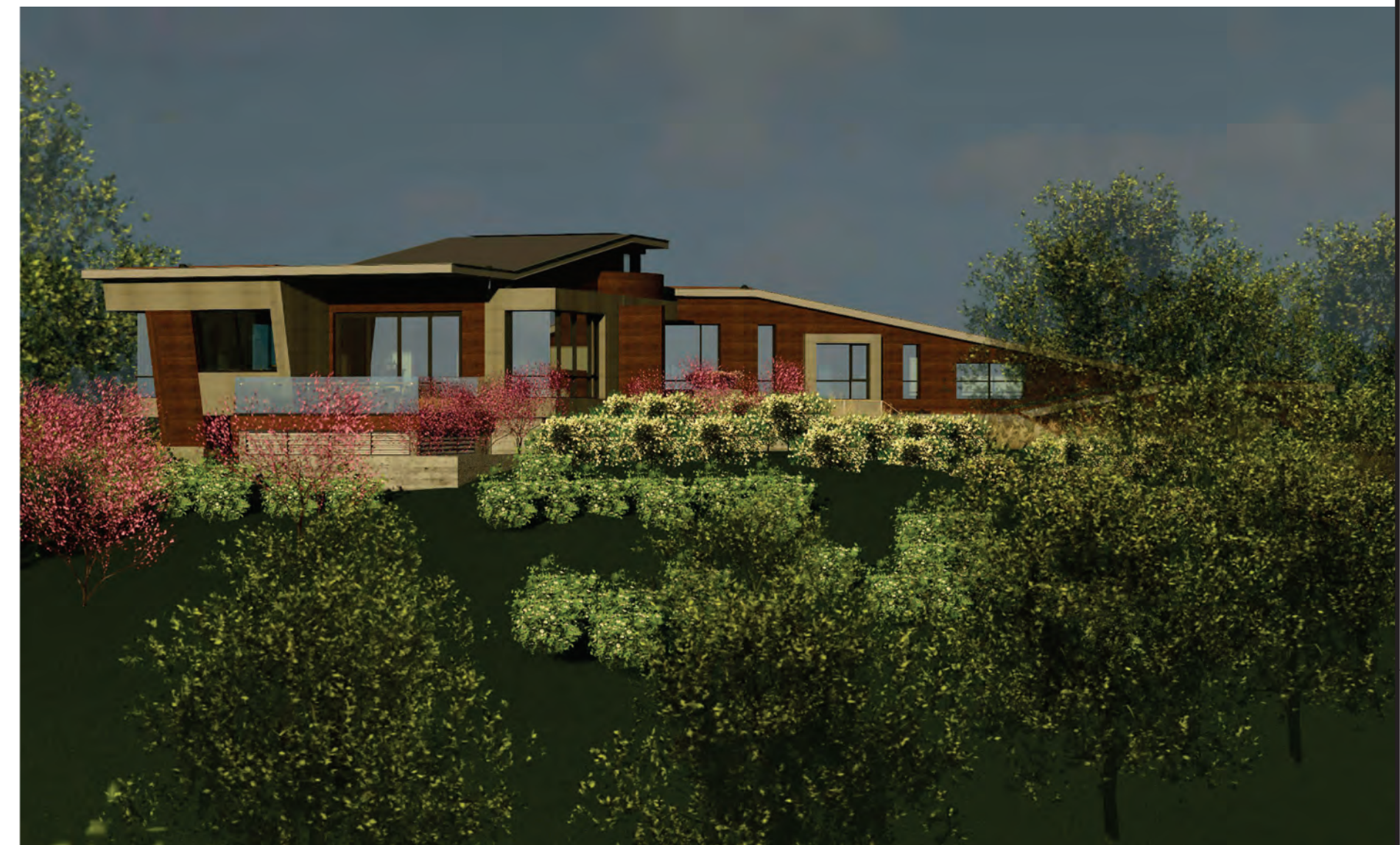
**A110**  
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AERIAL VIEW FROM NORTH EAST



VIEW FROM NORTH



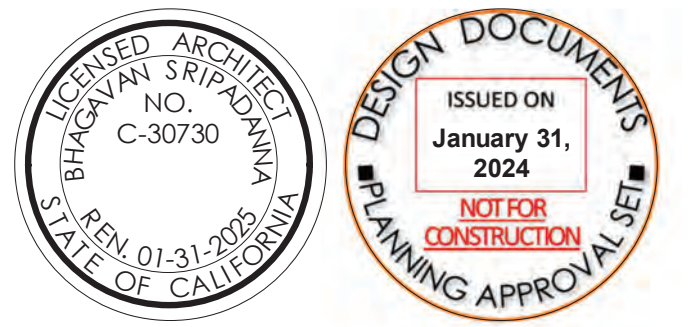
VIEW FROM WEST



VIEW FROM RIGHT SIDE YARD



VIEW TOWARDS FRONT ENTRY



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SHEET TITLE  
**Perspective Views-01**

**A115**

SHEET OF



VIEW FROM EAST



VIEW FROM DRIVEWAY



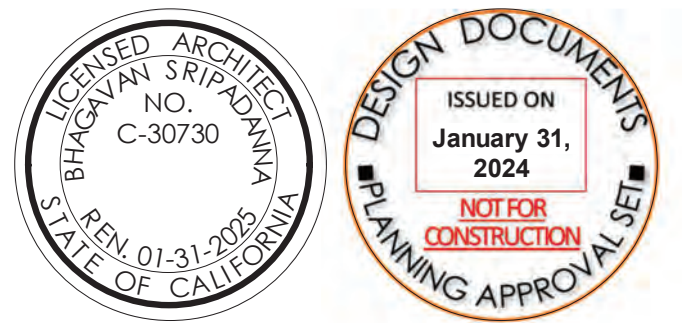
VIEW FROM SOUTH WEST



VIEW FROM NORTH WEST



VIEW FROM SOUTH EAST



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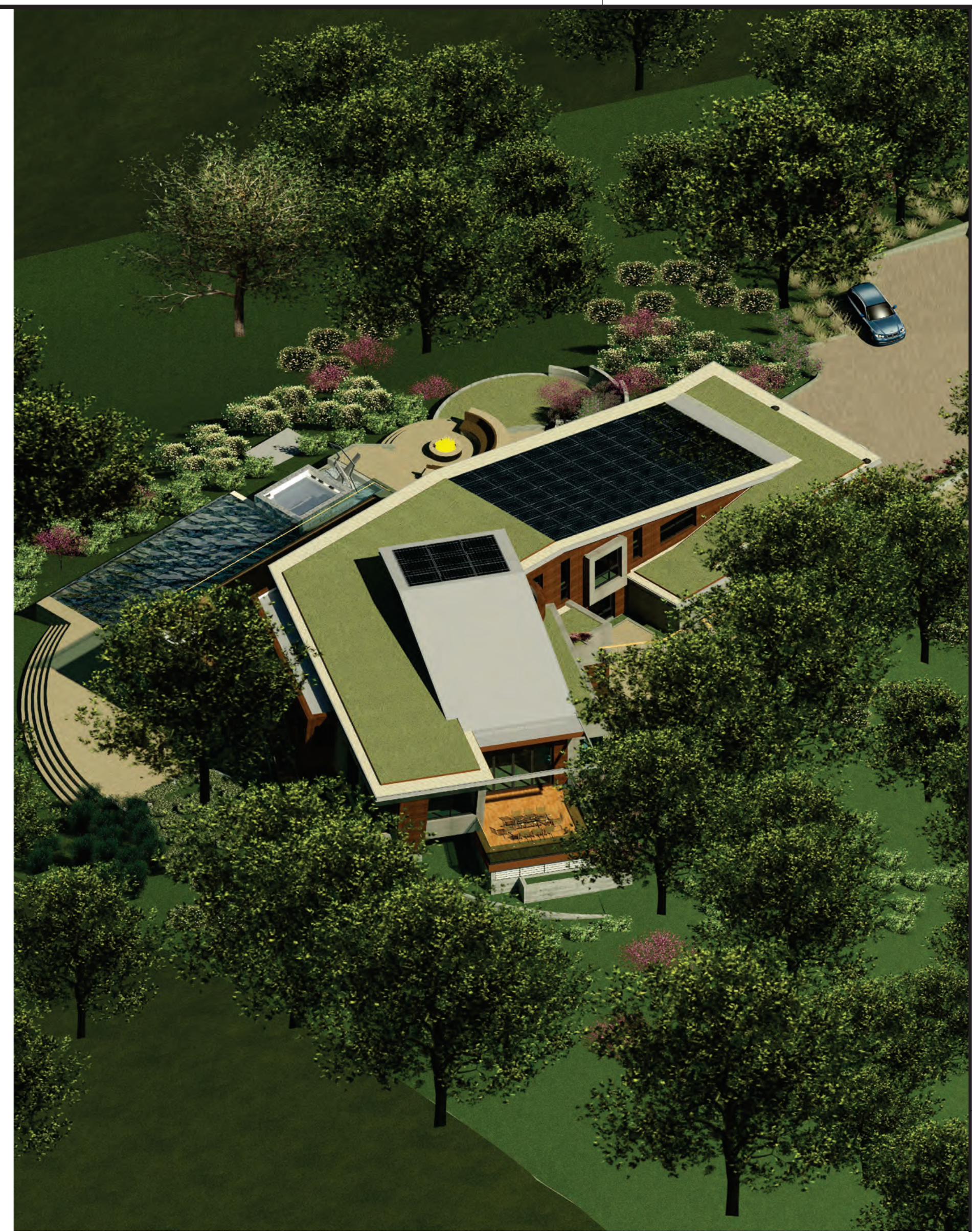
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**Perspective Views 02**

**A116**

SHEET OF



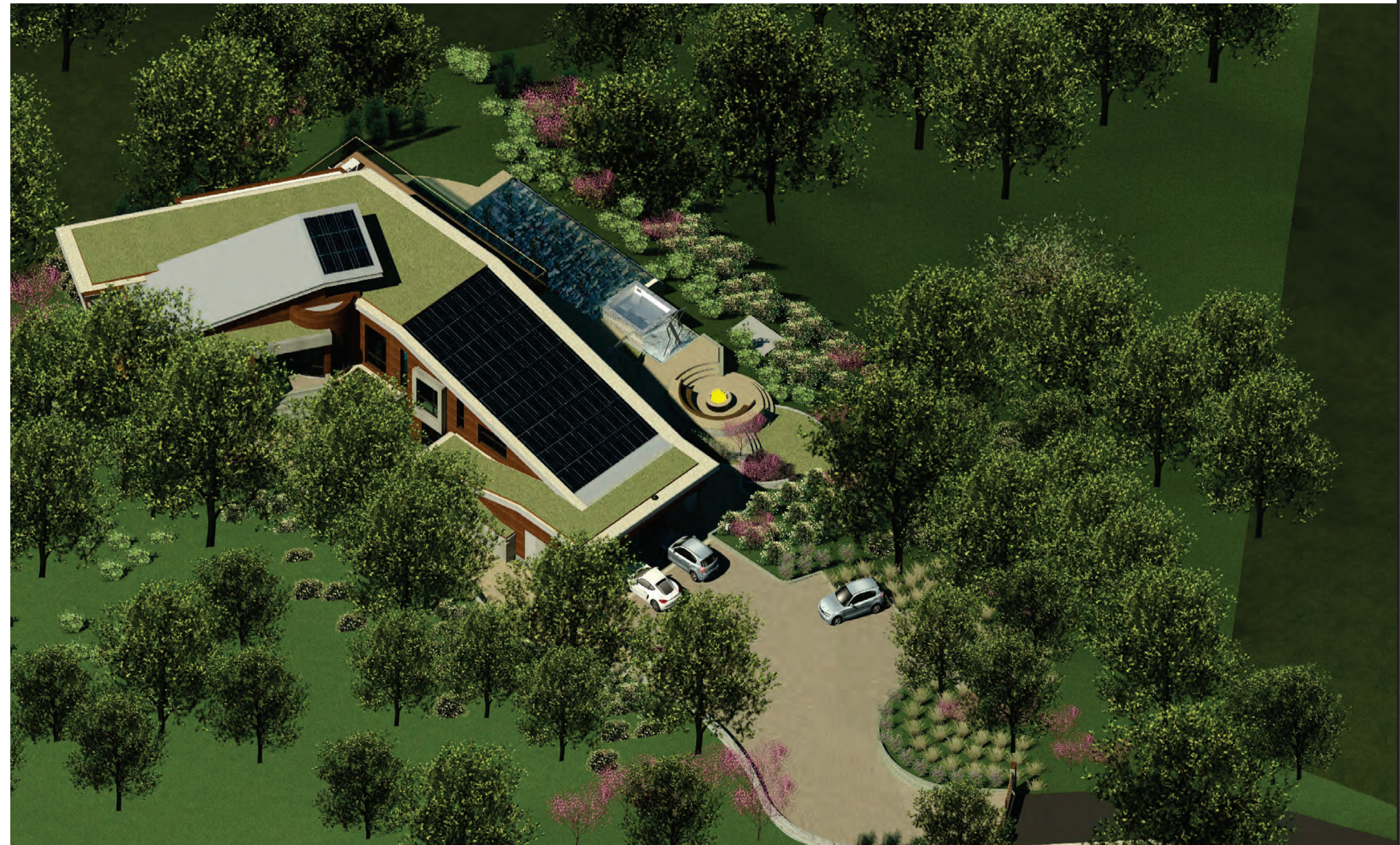
AXONOMETRIC VIEW FROM NORTH EAST



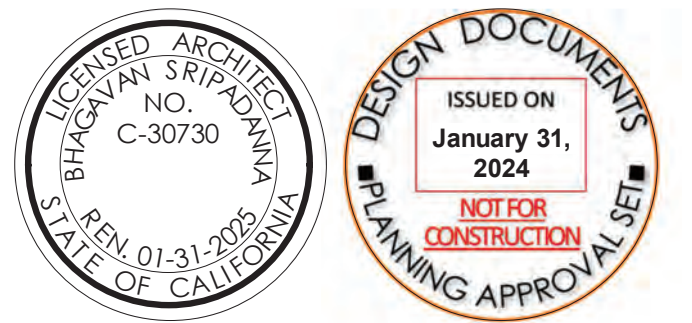
AXONOMETRIC VIEW FROM NORTH WEST



AXONOMETRIC VIEW FROM SOUTH EAST



AXONOMETRIC VIEW FROM SOUTH WEST



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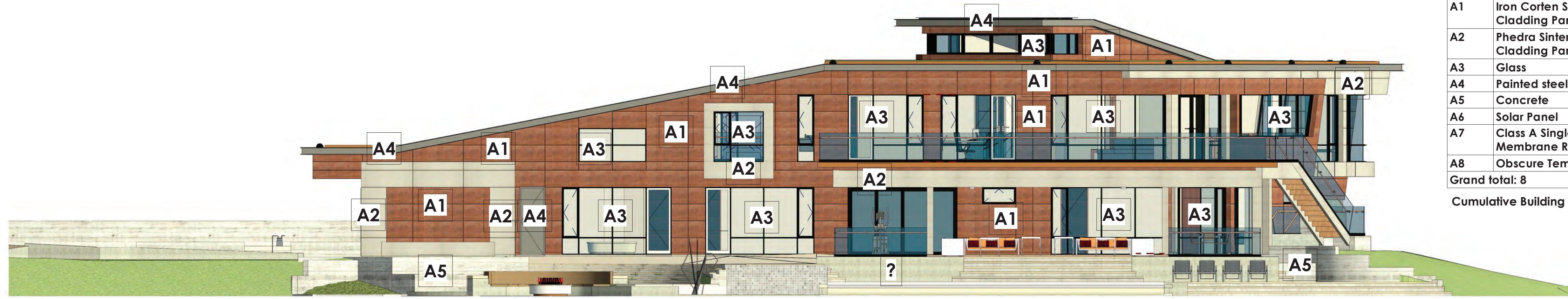
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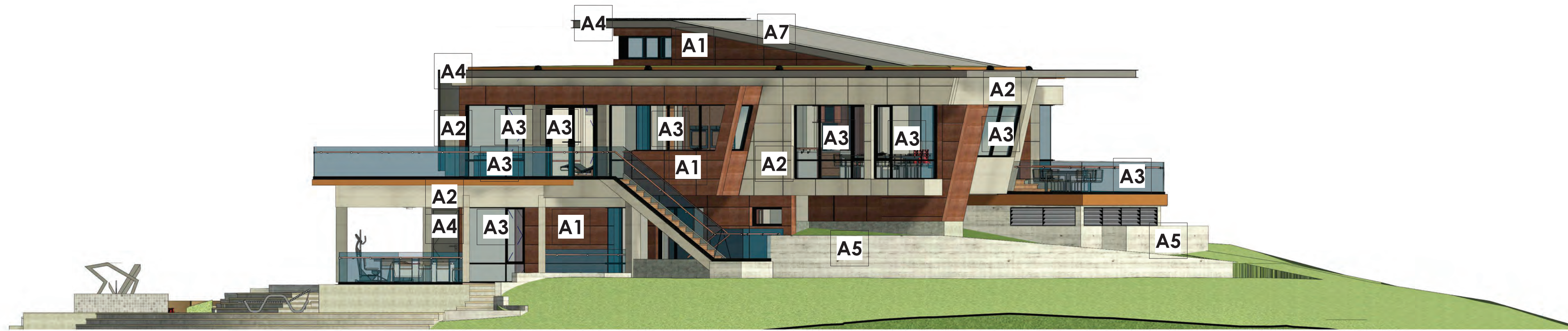
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**Axonometric Views**

**A117**

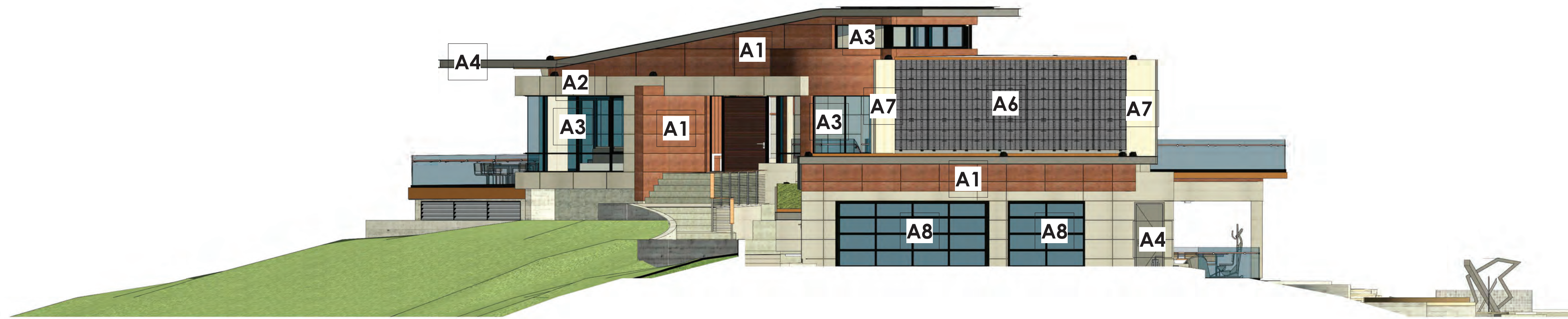
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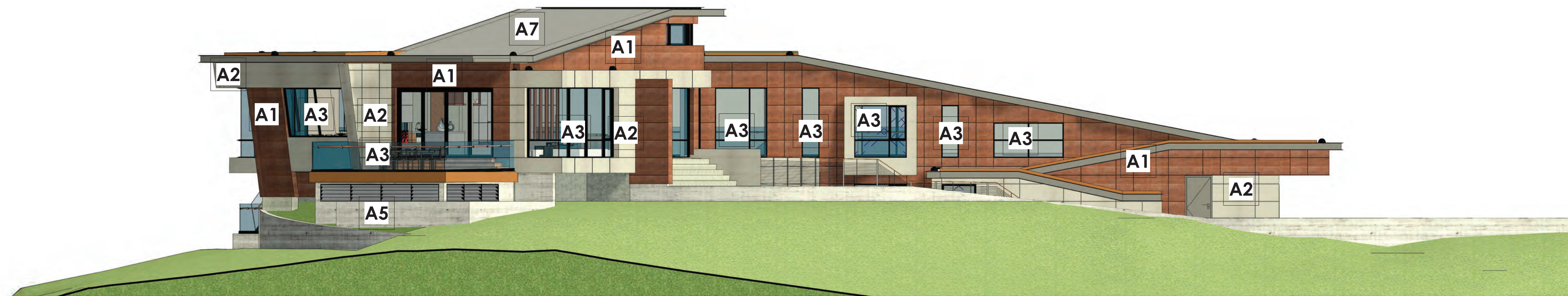
1 East Elevation with Exterior Materials Identified  
1/8" = 1'-0"



2 North Elevation with Exterior Materials Identified  
1/8" = 1'-0"



3 South Elevation with Exterior Materials Identified  
1/8" = 1'-0"



4 West Elevation with Exterior Materials Identified  
1/8" = 1'-0"

LRV table					
Key Name	Material	Total SF of Material	% of total SF	LRV	SF% x LRV
A1	Iron Corten Sintered Stone Cladding Panel	2154 SF	28.28	12.1	342.18
A2	Phedra Sintered Stone Cladding Panel	1228 SF	16.12	17	274.04
A3	Glass	2214 SF	29	11	319
A4	Painted steel	439 SF	5.7	12.64	72.04
A5	Concrete	1027 SF	13.48	13.7	184.67
A6	Solar Panel	232 SF	3	10	30
A7	Class A Single Ply Membrane Roofing	184 SF	2.41	18.1	43.62
A8	Obscure Tempered Glass	138 SF	1.81	20	36.2
Grand total:	8	7616 SF			1301.75

Cumulative Building LRV : 13.01

East Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	759 SF
A2	Phedra Sintered Stone Cladding Panel	303 SF
A3	Glass	964 SF
A4	Painted steel	139 SF
A5	Concrete	471 SF

North Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	332 SF
A2	Phedra Sintered Stone Cladding Panel	358 SF
A3	Glass	630 SF
A4	Painted Metal	86 SF
A5	Concrete	176 SF
A7	Class A Single Ply Membrane Roofing	49 SF

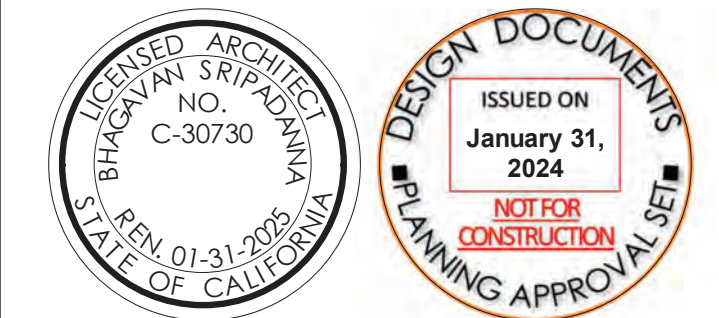
South Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	364 SF
A2	Phedra Sintered Stone Cladding Panel	248 SF
A3	Glass	224 SF
A4	Painted steel	79 SF
A5	Concrete	78 SF
A6	Solar Panel	232 SF
A7	Class A Single Ply Membrane Roofing	50 SF
A8	Obscure Tempered Glass	138 SF

West Elevation of Materials

A1	Iron Corten Sintered Stone Cladding Panel	699 SF
A2	Phedra Sintered Stone Cladding Panel	319 SF
A3	Glass	396 SF
A4	Painted steel	135 SF
A5	Concrete	302 SF
A7	Class A Single Ply Membrane Roofing	85 SF

	<b>Iron Corten Sintered Stone Cladding Panel</b> Type: Stone Cladding Panel Color: Iron corten LRV: 12.1 Source: Neolith
	<b>Phedra Sintered Stone Cladding Panel</b> Type: Stone Cladding Panel Color: Light Gray LRV: 17 Source: Neolith
	<b>Glass</b> Type: Cardinal LoE 366 dual pane Color: Clear LRV: 11 Source: Cardinal Glass Industries
	<b>Painted Steel</b> Type: N/A Color: City shadow LRV: 12.64 Source: Benjamin Moore
	<b>Concrete</b> Type: Board formed concrete Color: Dark gray LRV: 13.7 Source: Polyflor
	<b>Solar Panel</b> Type: Solar Photovoltaic system Color: N/A LRV: 10 Source: SunPower
	<b>Class A Single Ply Membrane Roofing</b> Type: N/A Color: Gray LRV: 18.1 Source: IB Roof systems



ARCHITECT:  
HARI SRIPADANNA AIA LEED AP  
SRUSTI ARCHITECTS  
18524 MONTEREPE WAY  
SARATOGA CA 95070  
PHONE:(408) 507 8138

**Olgaard Residence**

15365 Santella Court,  
Los Gatos, CA 95032

OWNER:  
Christian & Helen Olgaard

PROJECT NO:	1062018
DRAWN BY:	Author
CHECKED BY:	Checker
Planning Submittal 01:	Oct 19 2018
Planning Backcheck Submittal 02:	June 12 2019
Planning Backcheck Submittal 03:	Sep 16 2019
Planning Backcheck Submittal 04:	Oct 25 2019
Planning Backcheck Submittal 04:	Nov 15 2019
Planning Permit Extension Submittal 05:	Jan 08 2024
Planning Permit Extension Backcheck Submittal 05:	Jan 31 2024
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SHEET TITLE

Elevations with  
Exterior Materials  
Identified

**A118**

SHEET OF

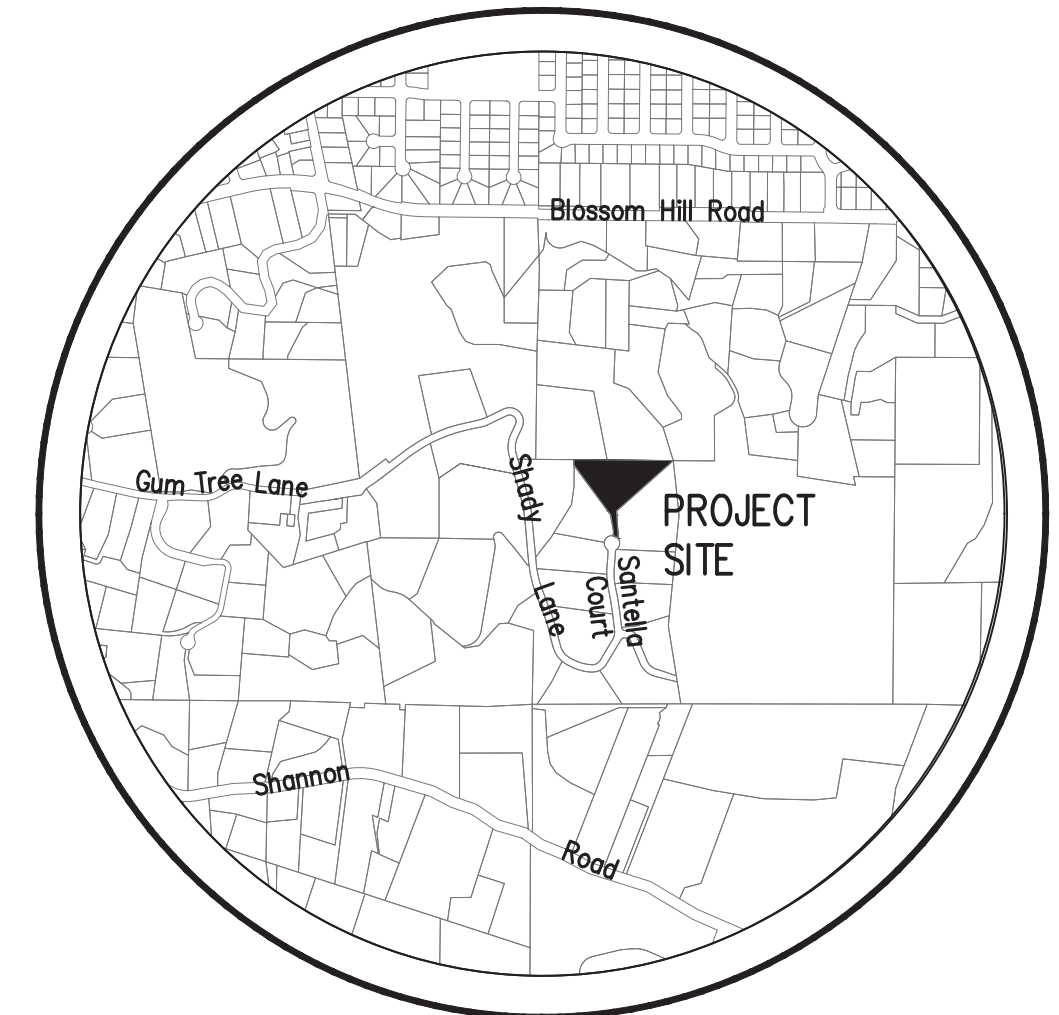


# PLAN FOR THE IMPROVEMENT OF

# GRADING & DRAINAGE PLANS

## TOWN OF LOS GATOS

### ARCHITECTURE AND SITE APPLICATION NO. S-24-XX

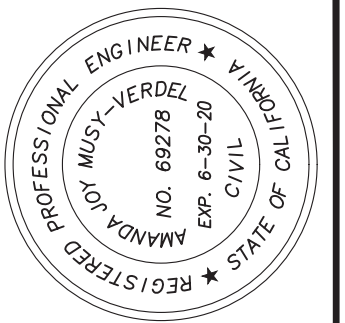


VICINITY MAP

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

## SHEET INDEX

- C1 TOWN NOTES, PROJECT DATA LEGEND & ABBREVIATIONS
- C2 BLUEPRINT FOR A CLEAN BAY SHEET
- C3 EXISTING TOPOGRAPHY PLAN
- C4 SITE PLAN
- C5 DRIVEWAY PLAN & PROFILE
- C6 GRADING & DRAINAGE PLAN
- C7 SECTION AND DETAILS
- C8 EROSION CONTROL / CONSTRUCTION MANAGEMENT PLAN
- C9 FIRE ALTERNATE MEANS OF COMPLIANCE



DATE: JANUARY 31, 2024	SCALE: AS SHOWN
DESIGN: AM	TM
DRAWN: TM	XX
CHECK: AM	AM
ENGR: AM	AM

**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**TOWN NOTES, PROJECT DATA, LEGEND & ABBREVIATIONS**

ARCHITECTURE AND SITE APPLICATION NO S-24-XX  
 PARKS AND PUBLIC WORKS DEPARTMENT  
 TOWN OF LOS GATOS  
 PROJECT NO.: 18080

**HANNA BRUNETTI**  
 EST. 1970  
 CIVIL ENGINEERS • LAND SURVEYORS  
 CONSTRUCTION MANAGERS

7651 EGGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
 OFFICE (408) 842-2173 • FAX (408) 842-2662  
 EMAIL: ENGINEERING@HANNABRUNETTI.COM

DATE	BY	REVISIONS

SHEET C1 of 9

#### TOWN OF LOS GATOS STANDARD GRADING NOTES

1. ALL WORK SHALL CONFORM TO CHAPTER 12 OF THE CODE OF THE TOWN OF LOS GATOS, THE ADOPTED CALIFORNIA BUILDING CODE AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION EXCEPT AS SPECIFIED OTHERWISE ON THESE PLANS AND DETAILS.
2. NO WORK MAY BE STARTED ON-SITE WITHOUT AN APPROVED GRADING PLAN AND A GRADING PERMIT ISSUED BY THE TOWN OF LOS GATOS, PARKS AND PUBLIC WORKS DEPARTMENT LOCATED AT 41 MILES AVENUE, LOS GATOS, CA 95030.
3. **A PRE-JOB MEETING SHALL BE HELD WITH THE TOWN ENGINEERING INSPECTOR FROM THE PARKS AND PUBLIC WORKS DEPARTMENT PRIOR TO ANY WORK BEING DONE. THE CONTRACTOR SHALL CALL THE INSPECTIONS LINE AT (408) 399-5771 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY GRADING OR ONSITE WORK. THIS MEETING SHOULD INCLUDE:**
  - a. **A DISCUSSION OF THE PROJECT CONDITIONS OF APPROVAL, WORKING HOURS, SITE MAINTENANCE AND OTHER CONSTRUCTION MATTERS;**
  - b. **ACKNOWLEDGEMENT IN WRITING THAT CONTRACTOR AND APPLICANT HAVE READ AND UNDERSTAND THE PROJECT CONDITIONS OF APPROVAL, AND WILL MAKE CERTAIN THAT ALL PROJECT SUB-CONTRACTORS HAVE READ AND UNDERSTAND THEM PRIOR TO COMMENCING WORK AND THAT A COPY OF THE PROJECT CONDITIONS OF APPROVAL WILL BE POSTED ON SITE AT ALL TIMES DURING CONSTRUCTION.**
4. APPROVAL OF PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR THE CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF, DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS, PUBLIC INTEREST AND SAFETY REQUIRES A MODIFICATION OR DEPARTURE FROM THE TOWN SPECIFICATIONS OR THESE IMPROVEMENT PLANS, THE TOWN ENGINEER SHALL HAVE FULL AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.
5. APPROVAL OF THIS PLAN APPLIES ONLY TO THE GRADING, EXCAVATION, PLACEMENT, AND COMPACTION OF NATURAL EARTH MATERIALS. THIS APPROVAL DOES NOT CONFER ANY RIGHTS OF ENTRY TO EITHER PUBLIC PROPERTY OR THE PRIVATE PROPERTY OF OTHERS AND DOES NOT CONSTITUTE APPROVAL OF ANY OTHER IMPROVEMENTS.
6. EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE TO BE DISPOSED OF AT APPROVED LOCATION(S).
7. IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE OR CONTRACTOR TO IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND FACILITIES. PERMITTEE OR CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-227-2600 A MINIMUM OF FORTY-EIGHT (48) HOURS BUT NOT MORE THAN FOURTEEN (14) DAYS PRIOR TO COMMENCING ALL WORK.
8. ALL GRADING SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.
9. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, CODES, RULES AND REGULATIONS GOVERNING THE WORK IDENTIFIED ON THESE PLANS. THESE SHALL INCLUDE, WITHOUT LIMITATION, SAFETY AND HEALTH RULES AND REGULATIONS ESTABLISHED BY OR PURSUANT TO THE OCCUPATIONAL SAFETY AND HEALTH ACT OR ANY OTHER APPLICABLE PUBLIC AUTHORITY.
10. THE GENERAL CONTRACTOR SHALL PROVIDE QUALIFIED SUPERVISION ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
11. HORIZONTAL AND VERTICAL CONTROLS SHALL BE SET AND CERTIFIED BY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER QUALIFIED TO PRACTICE LAND SURVEYING, FOR THE FOLLOWING:
  - a. RETAINING WALL: TOP OF WALL ELEVATIONS AND LOCATIONS (ALL WALLS TO BE PERMITTED SEPARATELY AND APPLIED FOR AT THE TOWN OF LOS GATOS BUILDING DIVISION)
  - b. TOE AND TOP OF CUT AND FILL SLOPES.
12. PRIOR TO ISSUANCE OF ANY PERMIT, THE APPLICANT'S SOILS ENGINEER SHALL REVIEW THE FINAL GRADING AND DRAINAGE PLANS TO ENSURE THAT DESIGNS FOR FOUNDATIONS, RETAINING WALLS, SITE GRADING, AND SITE DRAINAGE ARE IN ACCORDANCE WITH THEIR RECOMMENDATIONS AND THE PEER REVIEW COMMENTS. THE APPLICANT'S SOILS ENGINEER'S APPROVAL SHALL THEN BE CONVEYED TO THE TOWN EITHER BY LETTER OR BY SIGNING THE PLANS.  
 SOILS ENGINEER: **AMERICAN SOIL TESTING AND ENGINEERING, INC.**  
 REFERENCE REPORT NO. FILE 19-7105-S, DATED JULY 3, 2019  
 LETTER NO. \_\_\_\_\_, DATED \_\_\_\_\_, 20 \_\_\_\_\_ SHALL BE THOROUGHLY COMPLIED WITH, BOTH THE MENTIONED REPORT AND ALL UPDATES/ADDENDUMS/ LETTERS ARE HEREBY APPENDED AND MADE A PART OF THIS GRADING PLAN.
13. DURING CONSTRUCTION, ALL EXCAVATIONS AND GRADING SHALL BE INSPECTED BY THE APPLICANT'S SOILS ENGINEER. THE ENGINEER SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS BEFORE BEGINNING ANY GRADING. THE ENGINEER SHALL BE ON-SITE TO VERIFY THAT THE ACTUAL CONDITIONS ARE AS ANTICIPATED IN THE DESIGN-LEVEL GEOTECHNICAL REPORT AND/OR PROVIDE APPROPRIATE CHANGES TO THE REPORT RECOMMENDATIONS, AS NECESSARY. ALL UNOBSERVED AND/OR UNAPPROVED GRADING SHALL BE REMOVED AND REPLACED UNDER SOILS ENGINEER OBSERVANCE (THE TOWN INSPECTOR SHALL BE MADE AWARE OF ANY REQUIRED CHANGES PRIOR TO WORK BEING PERFORMED).
14. THE RESULTS OF THE CONSTRUCTION OBSERVATION AND TESTING SHOULD BE DOCUMENTED IN AN "AS-BUILT" LETTER/REPORT PREPARED BY THE APPLICANT'S SOILS ENGINEER AND SUBMITTED FOR THE TOWN'S REVIEW AND ACCEPTANCE BEFORE FINAL RELEASE OF ANY OCCUPANCY PERMIT IS GRANTED.
15. ALL PRIVATE AND PUBLIC STREETS ACCESSING PROJECT SITE SHALL BE KEPT OPEN AND IN A SAFE, DRIVABLE CONDITION THROUGHOUT CONSTRUCTION. IF TEMPORARY CLOSURE IS NEEDED, THEN FORMAL WRITTEN NOTICE TO THE ADJACENT NEIGHBORS AND THE TOWN OF LOS GATOS PARKS AND PUBLIC WORKS DEPARTMENT SHALL BE PROVIDED AT LEAST ONE (1) WEEK IN ADVANCE OF CLOSURE AND NO CLOSURE SHALL BE GRANTED WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE TOWN. NO MATERIAL OR EQUIPMENT SHALL BE STORED IN THE PUBLIC OR PRIVATE RIGHT-OF-WAY.
16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN FENCES, BARRIERS, LIGHTS AND SIGNS THAT ARE NECESSARY TO GIVE ADEQUATE WARNING AND/PROTECTION TO THE PUBLIC AT ALL TIMES.
17. OWNER/APPLICANT: CHRISTIAN & HELEN OLGAARD      PHONE: 408 505-7715
18. GENERAL CONTRACTOR: \_\_\_\_\_      PHONE: \_\_\_\_\_
19. GRADING CONTRACTOR: \_\_\_\_\_      PHONE: \_\_\_\_\_
20. CUT: ±2,348 CY      EXPORT: ±2,154 CY  
 FILL: ±194 CY      IMPORT: 0 CY

21. WATER SHALL BE AVAILABLE ON THE SITE AT ALL TIMES DURING GRADING OPERATIONS TO PROPERLY MAINTAIN DUST CONTROL.
22. THIS PLAN DOES NOT APPROVE THE REMOVAL OF TREES. APPROPRIATE TREE REMOVAL PERMITS AND METHODS OF TREE PRESERVATION SHALL BE REQUIRED. TREE REMOVAL PERMITS ARE REQUIRED PRIOR TO THE APPROVAL OF ALL PLANS.
23. A TOWN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY. A STATE ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN STATE RIGHT-OF-WAY (IF APPLICABLE). THE PERMITTEE AND/OR CONTRACTOR SHALL BE RESPONSIBLE COORDINATING INSPECTION PERFORMED BY OTHER GOVERNMENTAL AGENCIES.
24. NO CROSS-LOT DRAINAGE WILL BE PERMITTED WITHOUT SATISFACTORY STORMWATER ACCEPTANCE DEED/FACILITIES. ALL DRAINAGE SHALL BE DIRECTED TO THE STREET OR OTHER ACCEPTABLE DRAINAGE FACILITY VIA A NON-EROSIVE METHOD AS APPROVED BY THE TOWN ENGINEER.
25. IT IS THE RESPONSIBILITY OF CONTRACTOR AND/OR OWNER TO MAKE SURE THAT ALL DIRT TRACKED INTO THE PUBLIC RIGHT-OF-WAY IS CLEANED UP ON A DAILY BASIS. MUD, SILT, CONCRETE AND OTHER CONSTRUCTION DEBRIS SHALL NOT BE WASHED INTO THE TOWN'S STORM DRAINS.
26. GOOD HOUSEKEEPING PRACTICES SHALL BE OBSERVED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. SUPERINTENDENCE OF CONSTRUCTION SHALL BE DILIGENTLY PERFORMED BY A PERSON OR PERSONS AUTHORIZED TO DO SO AT ALL TIMES DURING WORKING HOURS. THE STORING OF GOODS AND/OR MATERIALS ON THE SIDEWALK AND/OR THE STREET WILL NOT BE ALLOWED UNLESS A SPECIAL PERMIT IS ISSUED BY THE ENGINEERING DIVISION. THE ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE KEPT CLEAR OF ALL JOB RELATED DIRT AND DEBRIS AT THE END OF THE DAY. FAILURE TO MAINTAIN THE PUBLIC RIGHT-OF-WAY ACCORDING TO THIS CONDITION MAY RESULT IN PENALTIES AND/OR THE TOWN PERFORMING THE REQUIRED MAINTENANCE AT THE DEVELOPER'S EXPENSE.
27. GRADING SHALL BE UNDERTAKEN IN ACCORDANCE WITH CONDITIONS AND REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION CONTROL PLAN AND/OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE TOWN OF LOS GATOS STORM WATER QUALITY MANAGEMENT PROGRAM, NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AND ANY OTHER PERMITS/REQUIREMENTS ISSUED BY THE STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD. PLANS (INCLUDING ALL UPDATES) SHALL BE ON-SITE AT ALL TIMES. NO DIRECT STORMWATER DISCHARGES FROM THE DEVELOPMENT WILL BE ALLOWED ONTO TOWN STREETS OR INTO THE PUBLIC STORM DRAIN SYSTEM WITHOUT TREATMENT BY AN APPROVED STORM WATER POLLUTION PREVENTION DEVICE OR OTHER APPROVED METHODS. MAINTENANCE OF PRIVATE STORMWATER POLLUTION PREVENTION DEVICES SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER. DISCHARGES OR CONNECTION WITHOUT TREATMENT BY AN APPROVED AND ADEQUATELY OPERATING STORMWATER POLLUTION PREVENTION DEVICE OR OTHER APPROVED METHOD SHALL BE CONSIDERED A VIOLATION OF THE ABOVE REFERENCED PERMIT AND THE TOWN OF LOS GATOS STORMWATER ORDINANCE.

#### TOWN OF LOS GATOS NPDES NOTES

1. SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
2. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
3. APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILL OR RESIDES SHALL BE IMPLEMENTED TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTY BY WIND OR RUNOFF AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
4. RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES AND MUST NOT BE DISCHARGED TO RECEIVING WATERS OR TO THE LOCAL STORM DRAIN SYSTEM.
5. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES (BMPs) AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.
6. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY, ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.
7. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT A STORM DOES NOT CARRY WASTE OR POLLUTANTS OFF OF THE SITE. DISCHARGES OF MATERIAL OTHER THAN STORMWATER (NON-STORMWATER DISCHARGES) ARE PROHIBITED EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT OR THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; WASTES FROM STREET CLEANING; AND SUPERCHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
8. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.

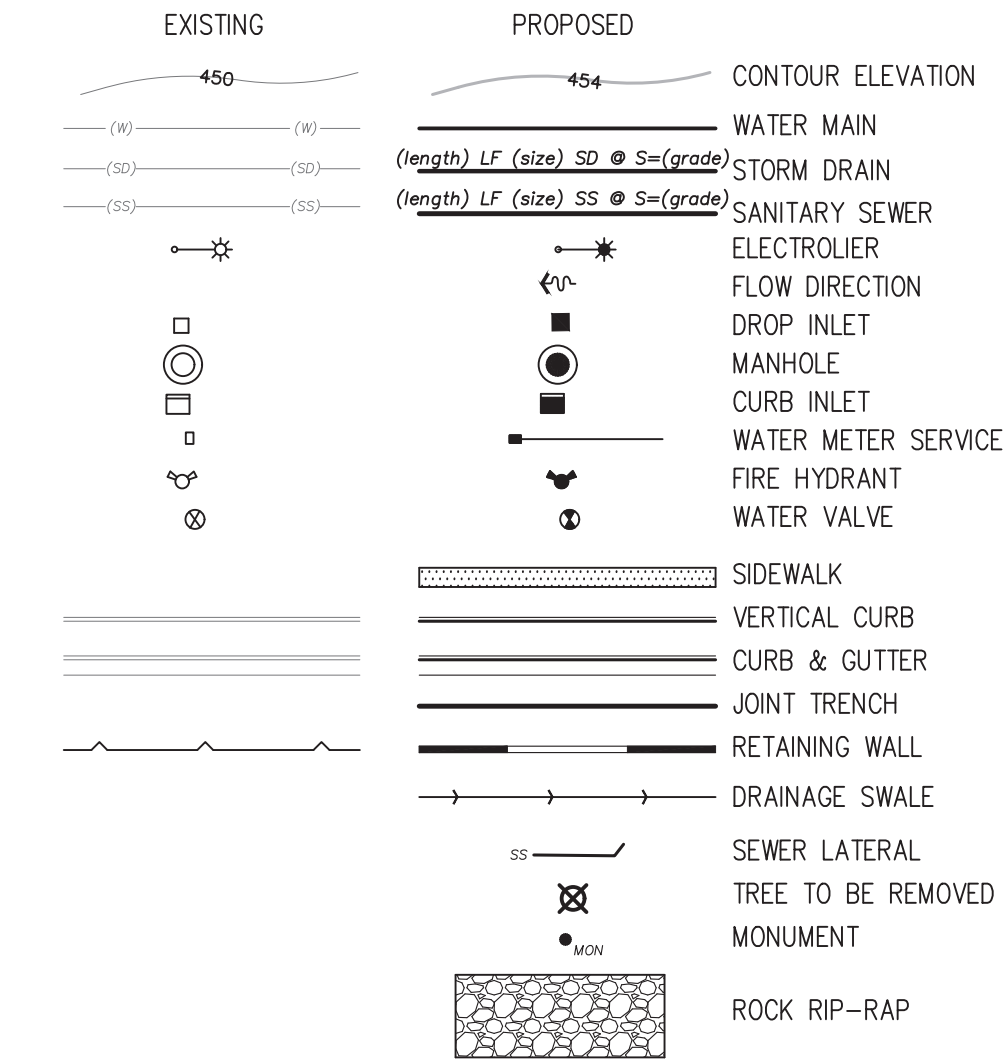
#### GENERAL NOTES

1. PROPERTY ADDRESS: 15365 SANTELLA COURT
2. PROPERTY OWNER: CHRISTIAN & HELEN OLGAARD
3. ASSESSORS PARCEL NUMBER: 527-09-018
4. EXISTING USE: VACANT
5. EXISTING ZONING: HR-2 ½ PD
6. PROPOSED USE: SINGLE FAMILY RESIDENTIAL
7. PROPOSED ZONING: HR-2 ½ PD
8. SITE AREA: 87,475 SQ. FT. (GROSS); DRIVEWAY: 6,797 SQ. FT.; 80,678 SQ. FT. (NET)
9. APPLICANT/DEVELOPER: CHRISTIAN & HELEN OLGAARD
10. CONSULTANTS:
11. WATER SUPPLY: SAN JOSE WATER COMPANY
12. SANITARY SEWER DISPOSAL: WEST VALLEY SANITATION DISTRICT
13. GAS AND ELECTRIC: PACIFIC GAS & ELECTRIC
14. TELEPHONE: FRONTIER COMMUNICATIONS
15. CABLE: XFINITY
16. STORM DRAIN: TOWN OF LOS GATOS
17. FIRE PROTECTION: SANTA CLARA COUNTY FIRE DEPARTMENT
18. DATUM:
19. BASIS OF BEARINGS: BEARINGS AND DISTANCES ON THESE PLANS ARE BASED ON THE "CERTIFICATE OF LOT LINE ADJUSTMENT" DOCUMENT NO. 22956909; DATED MAY 19, 2015. SANTA CLARA COUNTY RECORDER.
20. BENCHMARK INFORMATION: TOPOGRAPHIC SURVEY PROVIDED BY OWNER AND PERFORMED BY OTHERS. PROJECT BENCHMARK SET IN CULDESAC OF SANTELLA COURT A NAIL AND SHINER AT ELEVATION OF 721.01 FEET.

TABLE OF PROPOSED PERVIOUS AND IMPERVIOUS AREAS				
TOTAL SITE AREA:	TOTAL SITE AREA DISTURBED:	24,043 SF		
87,475 SF	<i>(INCLUDING CLEARING, GRADING OR EXCAVATING)</i>			
	EXISTING AREA (SF)	PROPOSED AREA (SF)		TOTAL AREA POST-PROJECT (SF)
		REPLACED	NEW	
IMPERVIOUS AREA	0	0	9835	9835
TOTAL NEW & REPLACED IMPERVIOUS AREA			9835	
PERVIOUS AREA	88,135		0	

TABLE OF PROPOSED EARTHWORK QUANTITIES					
AREA DESCRIPTION	CUT (CY)	MAX CUT HEIGHT (SF)	FILL (CY)	MAX FILL DEPTH (SF)	EXPORT (CY)
HOUSE FOOTPRINT	±771	8.0	0	0	±771
CELLAR	N/A		N/A		
ATTACHED GARAGE	±253	7.9	0	0	±253
ACCESSORY BUILDING	N/A		N/A		
POOL	±189	11.8	0	0	±189
DRIVEWAY / ACCESS	±472	2.6	±121	2.5	±351
LANDSCAPE / OUTDOOR	±663	4	±73	3	±590
<b>TOTAL</b>	<b>±2,348</b>		<b>±194</b>		<b>±2,154</b>

#### LEGEND



#### ABBREVIATIONS

AB	AGGREGATE BASE	G	GAS	RCP	REINFORCED CONCRETE PIPE
AC	ASPHALT CONCRETE	GA	GAUGE	RIM	RIM ELEVATION
AD	AREA DRAIN	GB	GRADE BREAK	R/W	RIGHT-OF-WAY
ARV	AIR RELEASE VALVE	GM	GAS METER	(S)	SOUTH
BC	BACK OF CURB	GS	GAS SERVICE	S	SLOPE
BF	BACKFLOW PREVENTER	HDPE	HIGH-DENSITY POLYETHYLENE	SCC	SANTA CLARA COUNTY
BW	BOTTOM OF WALL	HP	HIGH POINT	SCCFD	SANTA CLARA COUNTY FIRE DEPARTMENT
CATV	CABLE TELEVISION	IE	INGRESS/EGRESS EASEMENT	SD	STORM DRAIN
CB	CATCH BASIN	IN	INCH	SDCO	STORM DRAIN CLEANOUT
CFS	CUBIC FEET PER SECOND	INV	INVERT ELEVATION	SDE	STORM DRAIN EASEMENT
C/L	CENTERLINE	LAT	LATERAL	SDMH	STORM DRAIN MANHOLE
CMP	CORRUGATED METAL PIPE	LG	LIP OF GUTTER	SDR	STANDARD DIMENSION RATIO
CO	CLEANOUT	LP	LOW POINT	SF	SQUARE FEET
CY	CUBIC YARD	MAX	MAXIMUM	SIWC	SAN JOSE WATER COMPANY
DCVA	DOUBLE CHECK VALVE ASSEMBLY	MH	MANHOLE	SS	SANITARY SEWER
DI	DROP INLET	MIN	MINIMUM	SSCO	SANITARY SEWER CLEANOUT
DIA	DIAMETER	MPH	MILES PER HOUR	SSE	SANITARY SEWER EASEMENT
DIP	DUCTILE IRON PIPE	N	NORTH	SSMH	SANITARY SEWER MANHOLE
DWY	DRIVEWAY	N.T.S.	NOT TO SCALE	STD	STANDARD
(E)	EAST	O.C.	ON CENTER	S/W	SIDEWALK
EG	EXISTING GRADE	Q.D.	OUTSIDE DIAMETER	TC	TOP OF CURB
ELEC	ELECTRICAL	PAD	PAD ELEVATION	TELE	TELEPHONE
EP	EDGE OF PATH	PCC	PORTLAND CEMENT CONCRETE	TLG	TOWN OF LOS GATOS
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT	PERF	PERFORATED	TW	TOP OF WALL
EX	EXISTING	PG&E	PACIFIC GAS & ELECTRIC COMPANY	TYE	TYPICAL
FC	FACE OF CURB	PIEE	PRIVATE INGRESS/EGRESS EASEMENT	VCP	VITRIFIED CLAY PIPE
FDC	FIRE DEPARTMENT CONNECTION	PL	PROPERTY LINE	(W)	WEST
FF	FINISHED FLOOR ELEVATION	PR	PROPOSED	W	WATER
FG	FINISHED GRADE	PSDE	PRIVATE STORM DRAIN EASEMENT	WM	WATER METER
FL	FIRE HYDRANT	PSE	PUBLIC SERVICE EASEMENT	WS	WATER SERVICE
FH	FLOW LINE	PSSE	PRIVATE SANITARY SEWER EASEMENT	WV	WATER VALVE
FM	FORCED MAIN	PUE	PUBLIC UTILITY EASEMENT	WVSD	WEST VALLEY SANITATION DISTRICT
FS	FIRE SERVICE	PVC	POLYVINYL CHLORIDE	XING	CROSSING
FT	FEET	R	RADIUS		

#### FLOODZONE STATEMENT

COMMUNITY PANEL NUMBER: 06085C0377H  
 MAP REVISED: MAY 18, 2009

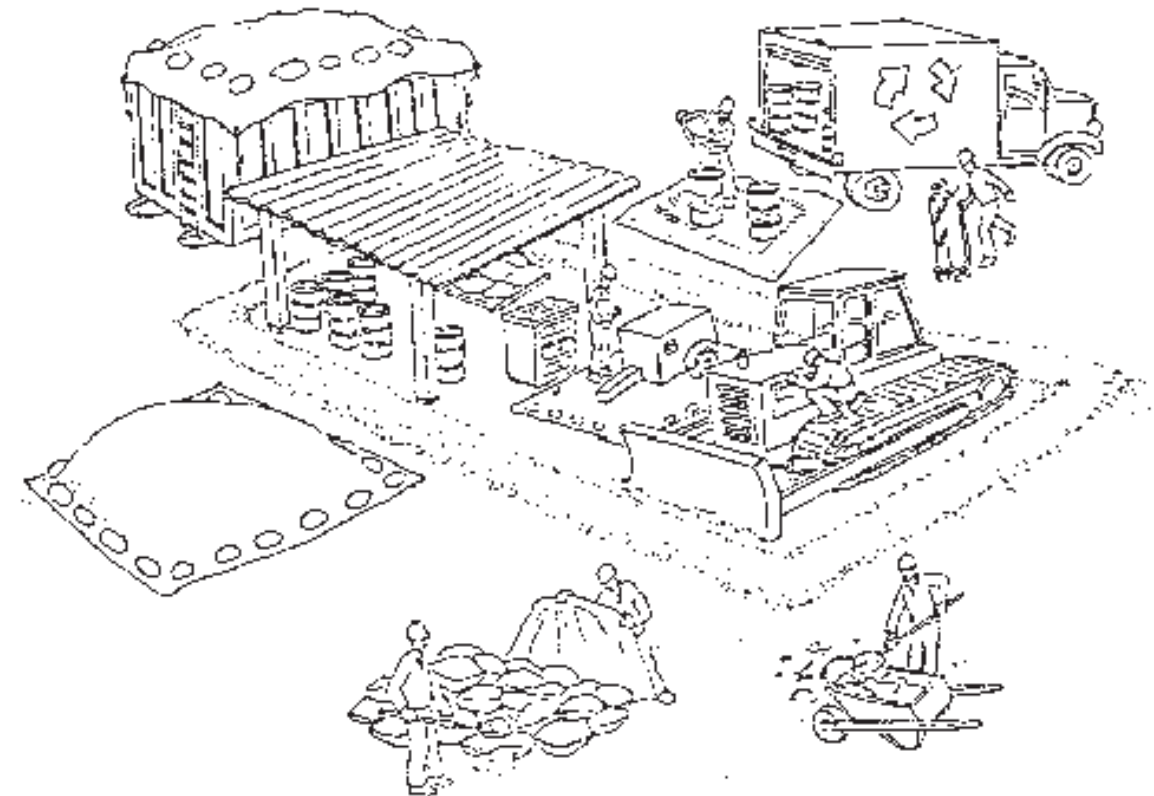
PROJECT IS LOCATED IN ZONE X

ZONE X  
 AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

# Pollution Prevention — It's Part of the Plan

## Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with local ordinance requirements.



### Materials storage & spill cleanup

#### Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

#### Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

#### Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain. Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Report any hazardous materials spills immediately! Dial 911 or your local emergency response number.

### Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinsewater to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



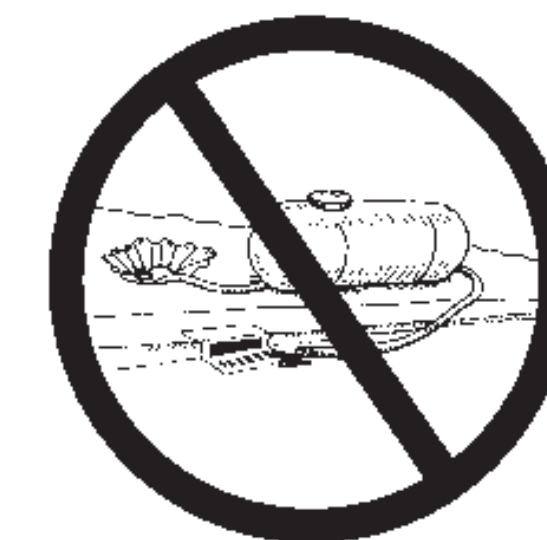
### Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it is least likely to collect in the street. Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use hay bales, silt fences, or other control measures to minimize the flow of silt off the site.
- ✓ Avoid scheduling earth moving activities during the rainy season if possible. If grading activities during wet weather are allowed in your permit, be sure to implement all control measures necessary to prevent erosion.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place hay bales down-slope until soil is secure.
- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call your local fire department for help in determining what testing should be done.
- ✓ Manage disposal of contaminated soil according to Fire Department instructions.



### Dewatering operations

- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call your city's storm drain inspector before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing to do and to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



### Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, hay bales, sand bags, or fine gravel dams to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.

### Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow on to dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.
- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.



### Paving/asphalt work

- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with hay bales, sand bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.



### Painting

- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.



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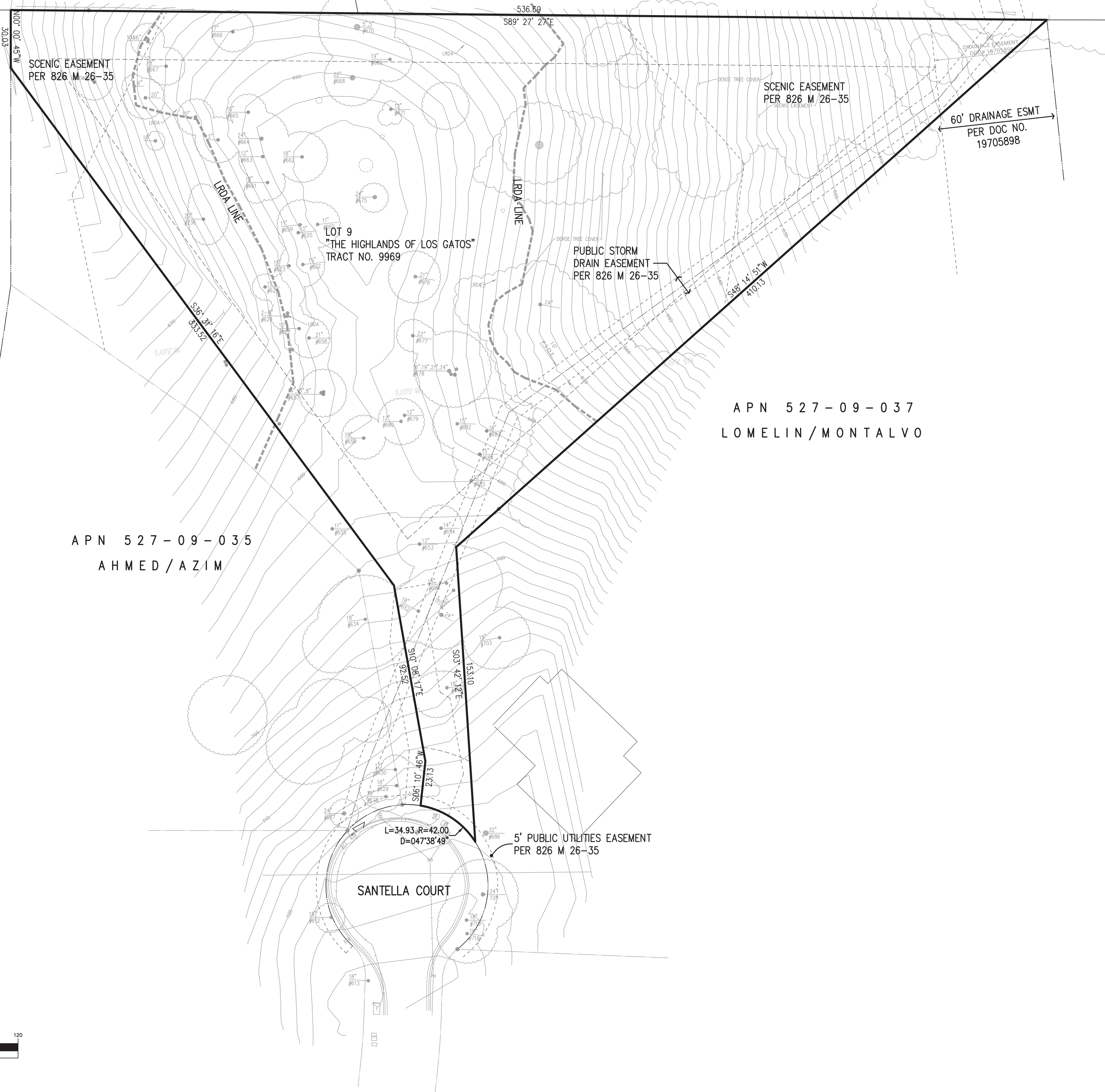
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MAYER

APN 527-11-009  
MOFFAT

APN 527-11-008  
RUSSELL

APN 527-09-035  
AHMED/AZIM

APN 527-09-037  
LOMELIN/MONTALVO

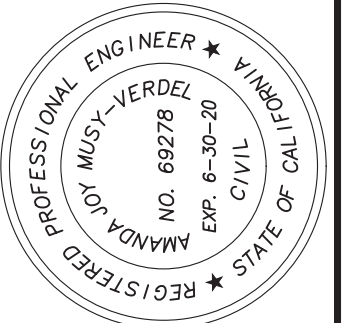
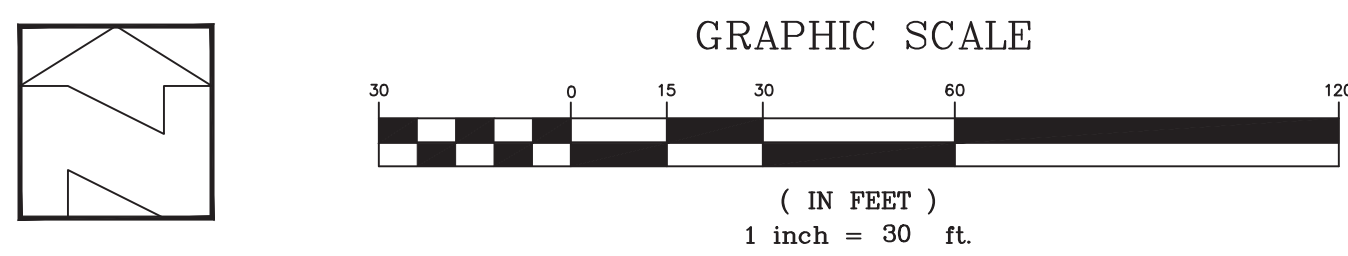


60' DRAINAGE ESMT  
PER DOC NO.  
19705898

PUBLIC STORM  
DRAIN EASEMENT  
PER 826 M 26-35

L=34.93, R=42.00  
D=047'38.49"  
5' PUBLIC UTILITIES EASEMENT  
PER 826 M 26-35

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

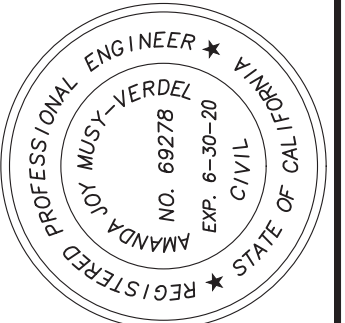


DATE:	JANUARY 31, 2024
SCALE:	1"=30'
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM
PROJECT NO.:	18080

**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**EXISTING TOPOGRAPHY**  
ARCHITECTURE AND SITE APPLICATION NO S-24-XX  
TOWN OF LOS GATOS  
PARKS AND PUBLIC WORKS DEPARTMENT

**HANNA-BRUNETTI**  
EST. 1970  
CIVIL ENGINEERS • LAND SURVEYORS  
CONSTRUCTION MANAGERS  
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
OFFICE (408) 842-2173 • FAX (408) 842-2662  
EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	BY	DATE



DATE:	JANUARY 31, 2024
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**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**GRADING & DRAINAGE PLAN**  
 ARCHITECTURE AND SITE APPLICATION NO S-24-XX  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT

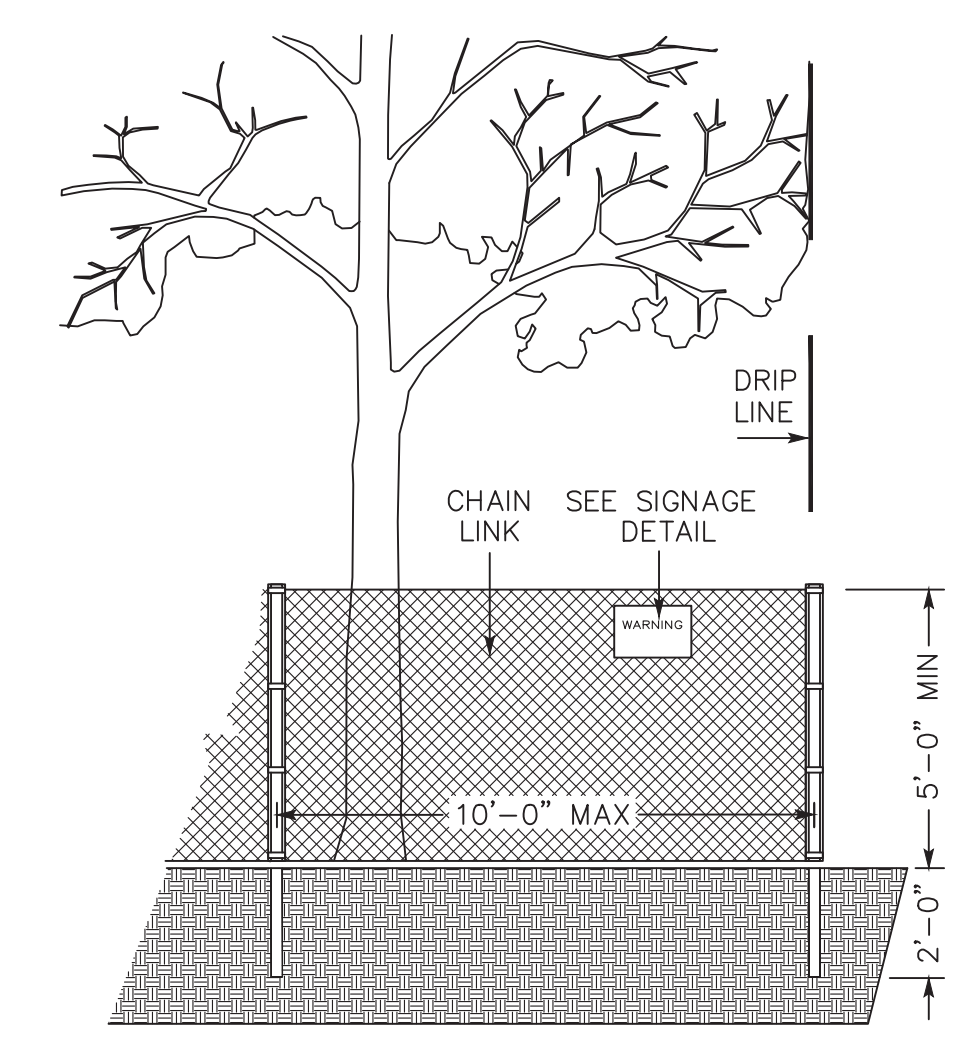
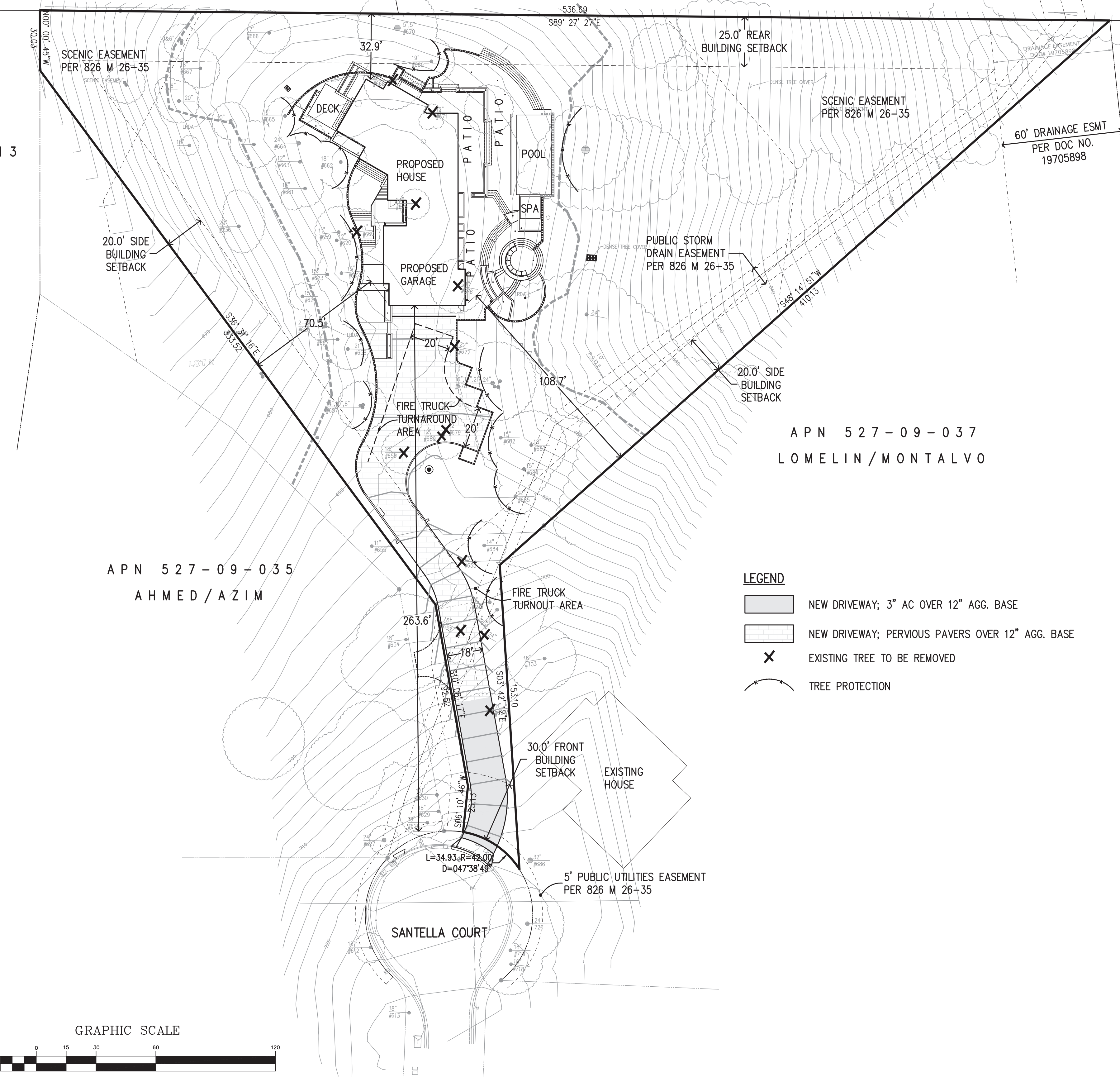
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APN 527-11-008  
 RUSSELL

APN 527-09-013  
 MAYER

APN 527-09-035  
 AHMED/AZIM

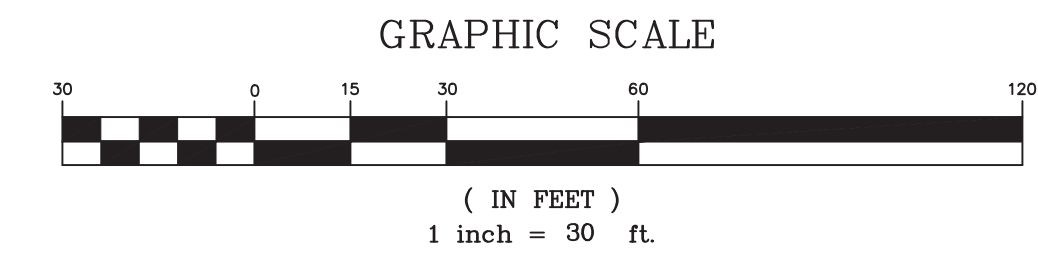
APN 527-09-037  
 LOMELIN/MONTALVO



**EXISTING TREE PROTECTION DETAILS**

1. PRIOR TO THE COMMENCEMENT OF ANY GRADING, TREE PROTECTIVE FENCING SHALL BE IN PLACE IN ACCORDANCE WITH THE TREE PRESERVATION PLAN AND INSPECTED BY A CERTIFIED ARBORIST. THE ARBORIST SHALL MONITOR CONSTRUCTION ACTIVITY TO ENSURE THAT THE TREE PROTECTION MEASURES ARE IMPLEMENTED AND ADHERED TO DURING CONSTRUCTION. THIS CONDITION SHALL BE INCORPORATED INTO THE GRADING PLANS.
2. FENCE SHALL BE MINIMUM 5 FEET TALL CONSTRUCTED OF STURDY MATERIAL (CHAIN-LINK OR EQUIVALENT STRENGTH/ DURABILITY).
3. FENCE SHALL BE SUPPORTED BY VERTICAL POSTS DRIVEN 2 FEET (MIN) INTO THE GROUND AND SPACED NOT MORE THAN 10 FEET APART.
4. TREE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE DURING THE CONSTRUCTION PERIOD, INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION, REPAIRED AS NECESSARY TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES, AND REMAIN IN PLACE UNTIL THE FINAL INSPECTION.
5. A SIGN THAT INCLUDES THE WORDS, "WARNING: THIS FENCE SHALL NOT BE REMOVED WITHOUT THE EXPRESSED PERMISSION OF THE SANTA CLARA COUNTY PLANNING OFFICE," SHALL BE SECURELY ATTACHED TO THE FENCE IN A VISUALLY PROMINENT LOCATION.

- LEGEND**
- [Pattern] NEW DRIVEWAY; 3" AC OVER 12" AGG. BASE
  - [Pattern] NEW DRIVEWAY; PERVIOUS PAVERS OVER 12" AGG. BASE
  - [X] EXISTING TREE TO BE REMOVED
  - [Symbol] TREE PROTECTION



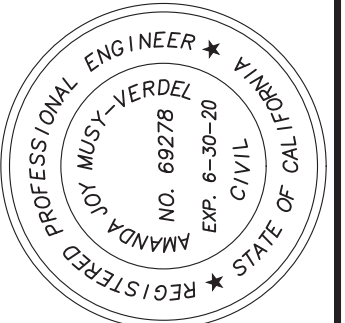
**PRELIMINARY PLANS**  
**NOT FOR CONSTRUCTION**

REVISIONS	DATE	BY

SHEET C4 OF 9

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION AND DATA PROVIDED TO HIM BY THE CLIENT AND FOR THE CONSTRUCTION OF THE PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF HIS OBLIGATIONS UNDER THIS PROJECT, INCLUDING THE PERFORMANCE OF HIS OBLIGATIONS UNDER THIS PROJECT, INCLUDING THE PERFORMANCE OF HIS OBLIGATIONS UNDER THIS PROJECT.

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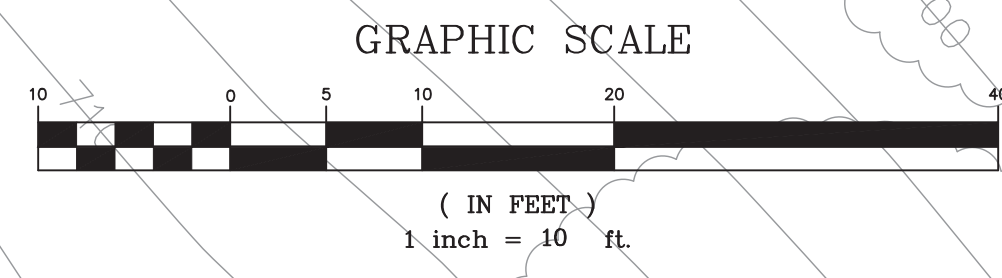
DATE: JANUARY 31, 2024  
 SCALE: 1"=10'  
 DESIGN: AM  
 DRAWN: TM  
 CHECK: XX  
 ENGR: AM  
 PROJECT NO.: 18080

**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**DRIVEWAY PLAN & PROFILE**  
 ARCHITECTURE AND SITE APPLICATION NO S-24-XX  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT

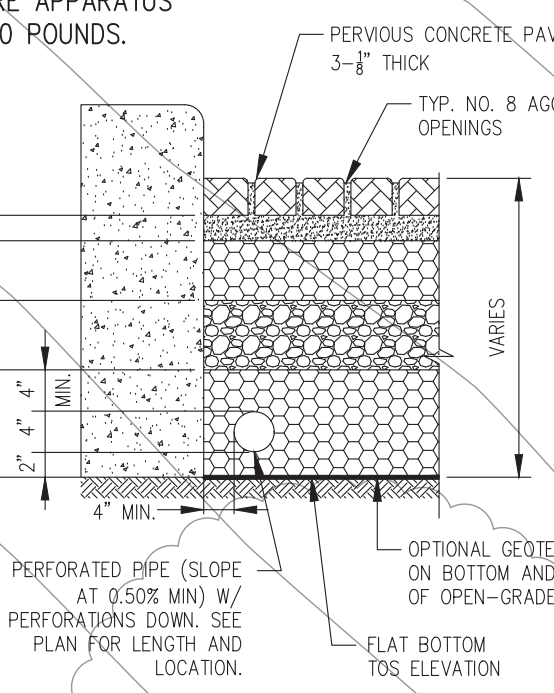
**HANNA BRUNETTI**  
 EST. 1980  
 CIVIL ENGINEERS • LAND SURVEYORS  
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 7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
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DATE	REVISIONS

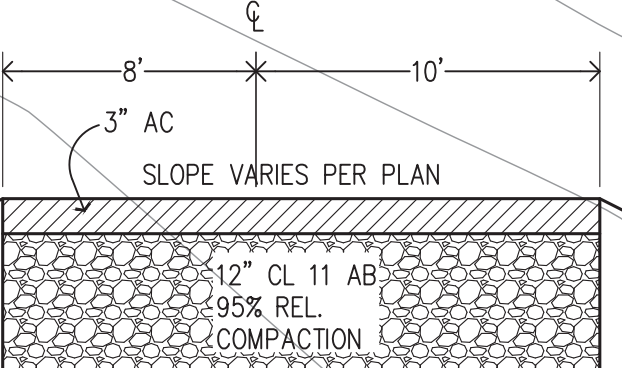
SHEET C5 OF 9



NOTE: DRIVEWAY SHALL BE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS.



**PERVIOUS PAVEMENT SECTION**  
 NOT TO SCALE



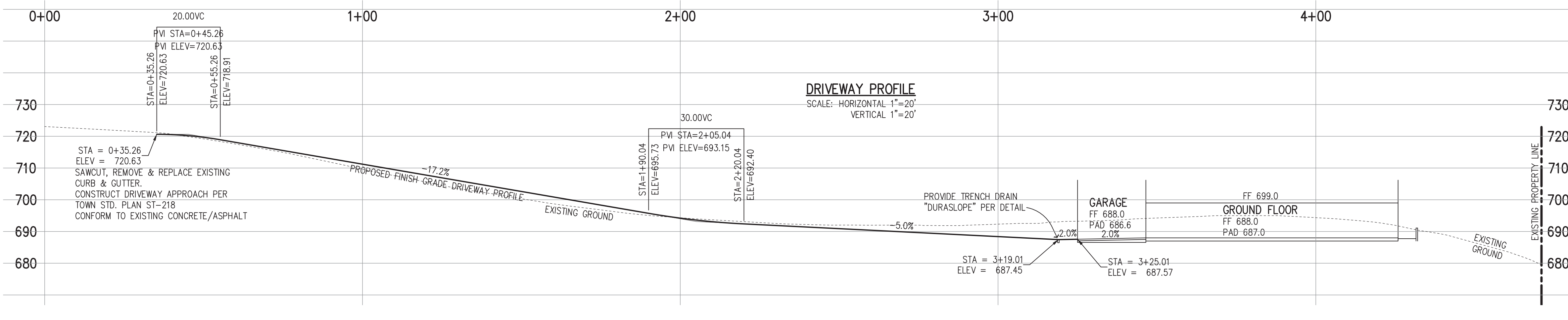
**DRIVEWAY SECTION**  
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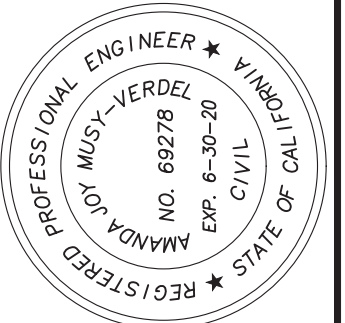
EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED ON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATION MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD-LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 811/1-800-227-2600. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THESE PLANS, INDICATED IN THE FIELD BY LOCATING SERVICES, OR EVIDENCE BY FACILITIES VISIBLE AT OR ADJACENT TO THE JOB SITE. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR AND IS DEEMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.

**PRELIMINARY PLANS**  
 NOT FOR CONSTRUCTION

**CONSTRUCTION NOTES**

- CONNECT RETAINING WALL SUBDRAIN TO NEW STORM DRAIN SYSTEM; TYPICAL
- CONSTRUCT RETAINING WALL; SEE STRUCTURAL PLANS FOR DIMENSIONS AND DETAILS; TYPICAL
- FURNISH & INSTALL TRENCH DRAIN "DURASLOPE"; SEE SHEET C7 FOR DETAIL OR APPROVED EQUAL
- JOINT TRENCH TO HOUSE; WATER, GAS, ELECTRIC & TELEPHONE
- PLANTER; SEE LANDSCAPE PLANS FOR DETAILS TOP OF PLANTER PER LANDSCAPE PLAN
- EXISTING UTILITY BOXES; ADJUST TO NEW FINISH GRADE AND UPGRADE TO TRAFFIC RATED LID
- EXISTING TREE TO REMAIN; PROVIDE TREE PROTECTION PER DETAIL SEE SHEET C4
- NEW 4" PVC STORM DRAIN PIPE AT MINIMUM 0.5 PERCENT SLOPE
- EXISTING TREE TO BE REMOVED
- PROPOSED OUTDOOR SHOWER AREA PLUMBING TO BE CONNECTED TO MAIN HOUSE PLUMBING FOR WATER SUPPLY AND DRAINAGE. SEE PLUMBING PLANS FOR DETAILS.
- FURNISH & INSTALL 1.5" PVC FORCE MAIN ALONG SANTELLA COURT TO EX CLEANOUT LOCATED 300 FT± SOUTH
- SAWCUT, REMOVE & REPLACE EXISTING SECTION OF CURB & GUTTER CONSTRUCT 16" WIDE DRIVEWAY APPROACH PER TOWN STD. PLAN NO. ST-219; CONFORM TO EXISTING CONCRETE/ASPHALT.





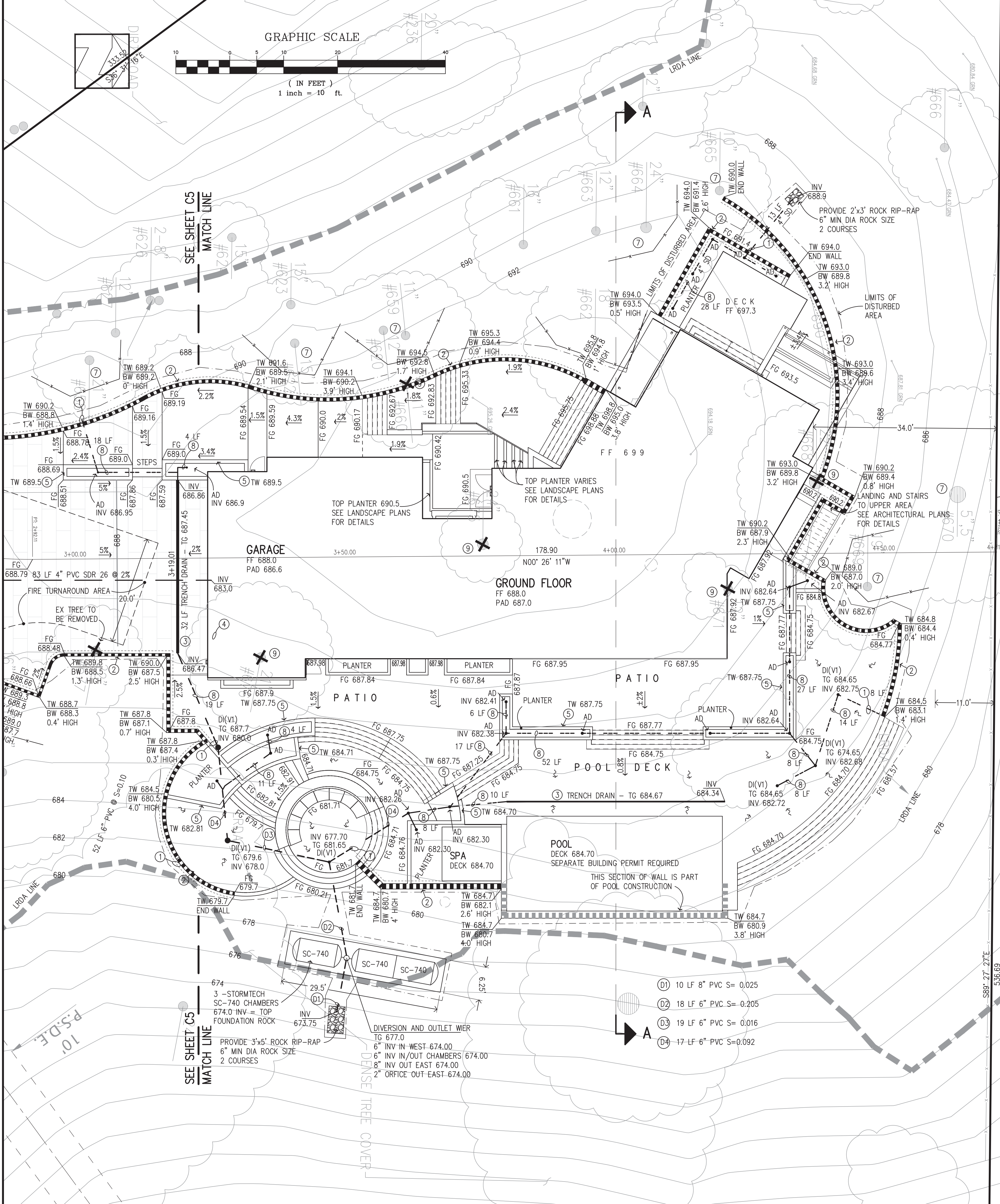
DATE: JANUARY 31, 2024  
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 PROJECT NO.: 18080

**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**GRADING & DRAINAGE PLAN**  
 ARCHITECTURE AND SITE APPLICATION NO S-24-XX  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT

**HANNA-BRUNETTI**  
 EST. 1980  
 CIVIL ENGINEERS • LAND SURVEYORS  
 CONSTRUCTION MANAGERS  
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REVISIONS	DATE

SHEET C6 OF 9



**Slope Density of Proposed Developed Area**

$$S = \frac{0.0023 (l \times L)}{A}$$

S = the slope density  
 l = the contour interval in feet = 1 ft  
 L = the sum length of contour lines in feet = 25,080  
 A = the area in acres = 1.85

$$S = \frac{0.0023 (1 \times 25080)}{1.85} = 31.18\%$$

**CONSTRUCTION NOTES**

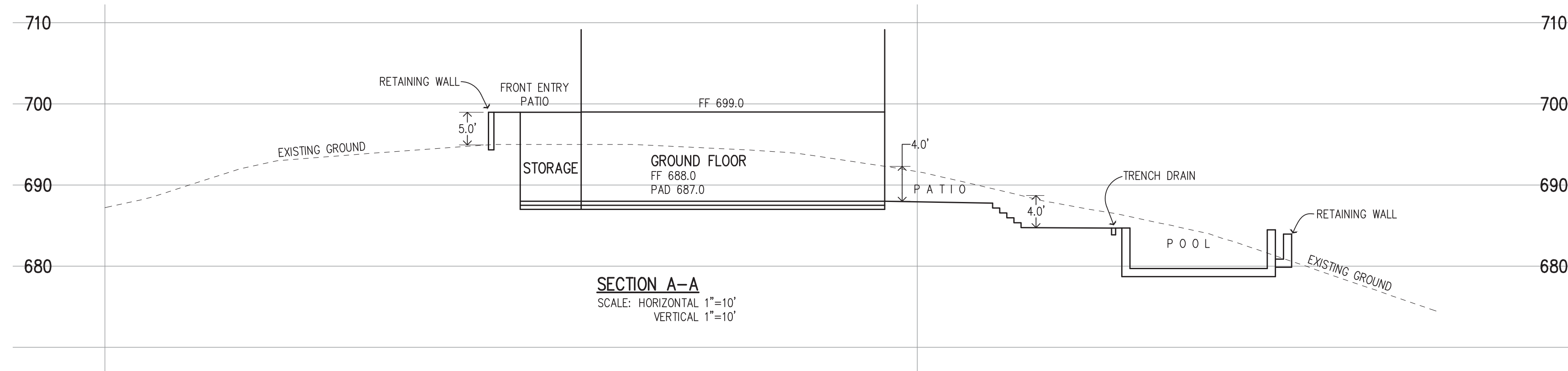
- CONNECT RETAINING WALL SUBDRAIN TO NEW STORM DRAIN SYSTEM; TYPICAL
- CONSTRUCT RETAINING WALL; SEE STRUCTURAL PLANS FOR DIMENSIONS AND DETAILS; TYPICAL
- FURNISH & INSTALL TRENCH DRAIN "DURASLOPE"; SEE SHEET C7 FOR DETAIL OR APPROVED EQUAL
- JOINT TRENCH TO HOUSE; WATER, GAS, ELECTRIC & TELEPHONE
- PLANTER; SEE LANDSCAPE PLANS FOR DETAILS TOP OF PLANTER PER LANDSCAPE PLAN
- EXISTING UTILITY BOXES; ADJUST TO NEW FINISH GRADE AND UPGRADE TO TRAFFIC RATED LID
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- FURNISH & INSTALL 1.5" PVC FORCE MAIN ALONG SANTELLA COURT TO EX CLEANOUT LOCATED 300 FT± SOUTH
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**NOTES**

- AREA DRAINS (AD) FOR PLANTER AREAS SHALL BE CONNECTED TO STORM DRAIN SYSTEM WITH 4" PVC STORM DRAIN PIPE (4" SD) AT A MINIMUM OF 0.5 PERCENT SLOPE WITH MINIMUM 18 INCH OF COVER.
- CONNECT RAINWATER LEADERS TO STORM DRAIN SYSTEM OR DRAIN TO SPLASH BLOCKS INTO LANDSCAPE AREAS.
- PROVIDE SANITARY SEWER LIFT STATION AND FORCE MAIN TO MANHOLE/LATERAL IN STREET. CONTRACTOR TO PROVIDE DETAILS AND SPECIFICATIONS TO TOWN.
- HARDSCAPE (FRONT ENTRANCE, PATIO AND POOL DECK AREA): 4" CONCRETE OVER 4" GRAVEL OR PER OWNER'S DIRECTION
- HOUSE OUTLINE SHOWN FOR REFERENCE ONLY; PRIOR TO CONSTRUCTION STAKING VERIFY WITH ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
- RETAINING WALL SUBDRAINS TO EITHER CONNECT TO NEW STORM DRAIN SYSTEM OR DRAIN TO DAYLIGHT WITH ROCK RIP-RAP AT END OF PIPE.

PRELIMINARY PLANS  
 NOT FOR CONSTRUCTION

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PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

**NDS**

**DURA SLOPE™ TRENCH DRAIN – PRE-SLOPED (PATENTED)**

Product Features & Benefits

- Interlocking tongue and groove joints**
  - Secures alignment
  - Ensures straight channel runs
  - Easy assembly and installation
- DuraLoc™ Integral Joint Lock**
  - Prevents joint movement during installation
  - No extra clamps or screws needed

**Various grating options:**

- ADA compliant, Heat-Proof options
- Plastic grates
- Array of colors
- Pedestrian and light traffic rated
- Galvanized & stainless steel
- Pedestrian & heavy traffic rated
- Cast A, ductile iron
- Class II heavy traffic rated (with frame)
- Decorative grates (blue, iron)
- Standard black electrocoat coating or real spin Class II traffic rated

**Lightweight 4 ft. modular sections**

- Easier handling and ventilation
- Lower freight costs

**Blank grate insert**

- Eliminates use of plywood
- Slides for overlapping of channel sections
- Includes grate screws

**Smooth HDPE interior**

- Virtually no water absorption

**HDPE material**

- Durable
- Impervious
- Less leakage versus concrete
- Chemical resistant

**0.7% Built-in slope**

- Maintains optimum flow rates throughout system
- Also available in regular, non-sloped sections
- Pre-cast and ready-to-install available in depths from 4" to 12"

**Bottom outlet on each channel section**

- System versatility
- Requires fewer accessories

**2" radius bottom**

- Minimizes debris build-up

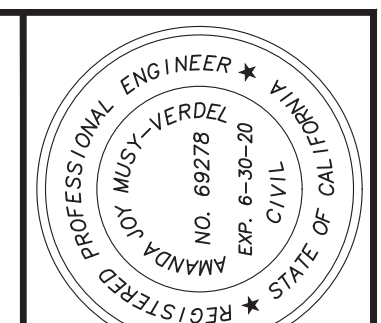
**LevelLoc™ re-bar supports with integral protruding knob**

- Levels channel and grips re-bar
- Requires fewer accessories

**Pro Fit™ locking system**

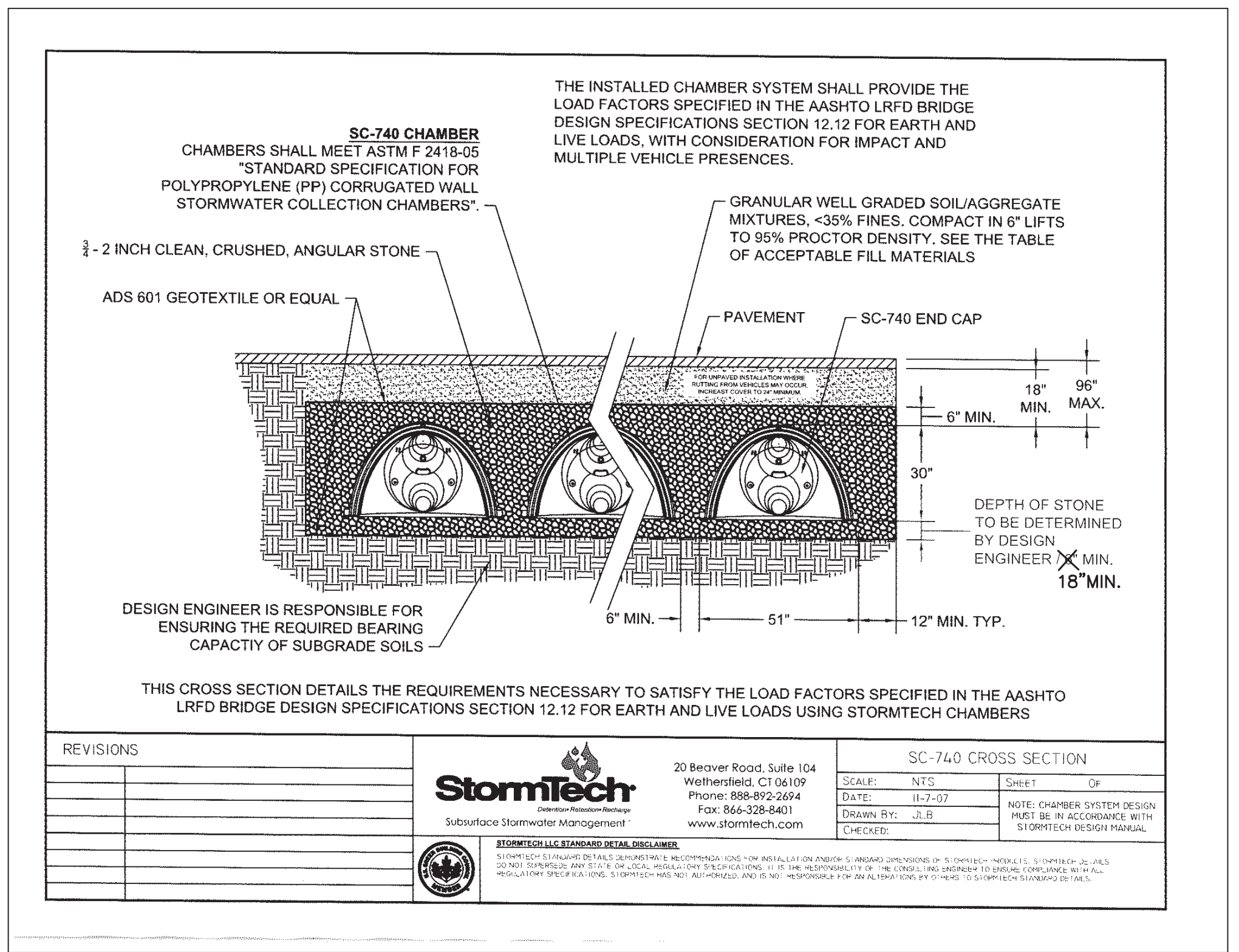
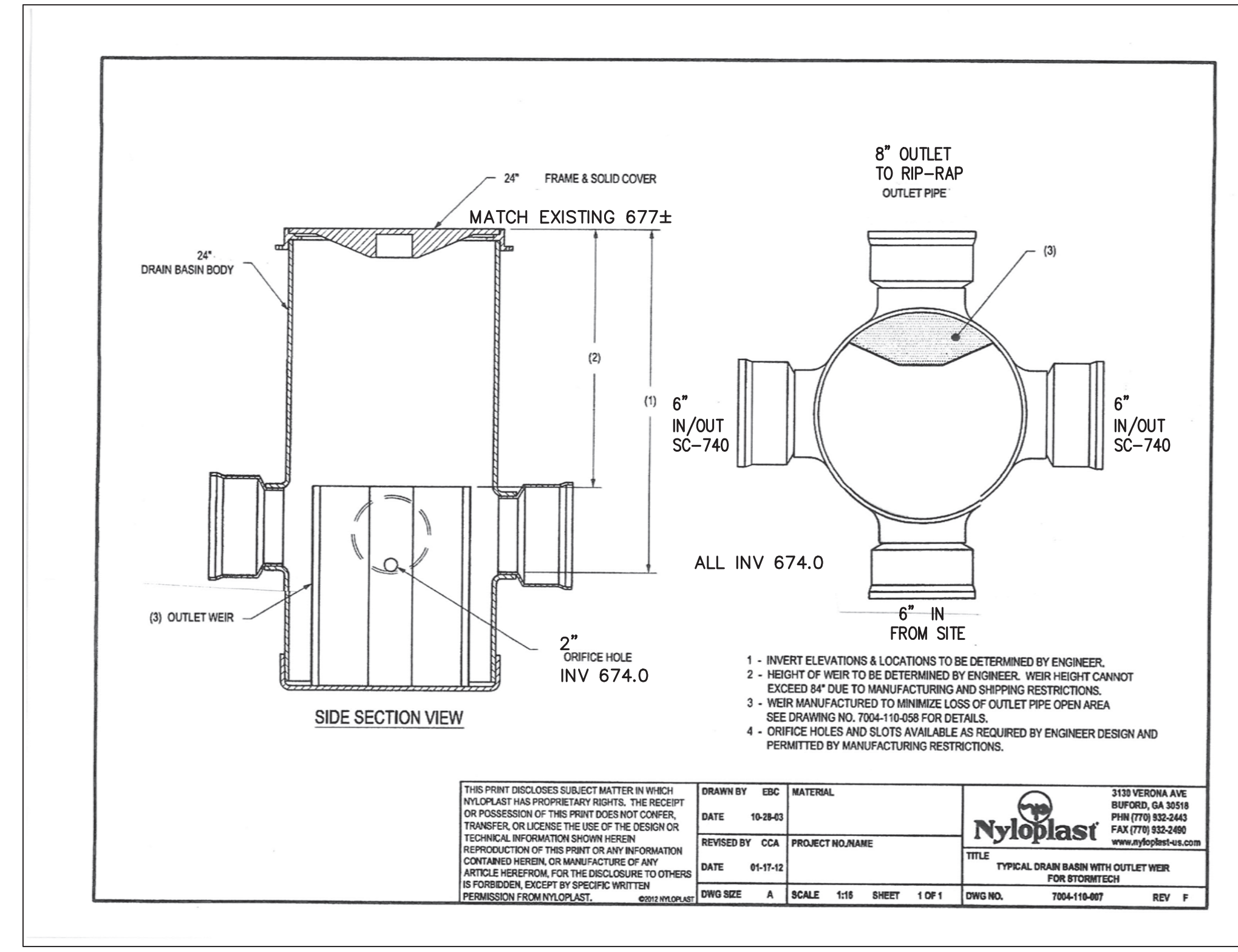
- Locks grate to metal frame
- Supports product in shipping and installation (included)

Product Catalog 2016/2017



DATE: JANUARY 31, 2024  
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ENGR: AM  
PROJECT NO.: 18080

LANDS OF OLGAARD  
15365 SANTELLA COURT - APN 527-09-018  
SECTION AND DETAILS  
ARCHITECTURE AND SITE APPLICATION NO S-24-XX  
TOWN OF LOS GATOS  
PARKS AND PUBLIC WORKS DEPARTMENT



**Christy** V1 Drain Box 8-5/8" I.D. x 12"

- Etched Polyethylene Face
- Face Anchored in Concrete
- Ultraviolet Inhibitor

A reinforced concrete dual purpose box designed for either light purpose drainage installations or enclosing sewer cleanouts in foot traffic areas. Tapered shoulders prevent settling. Notch accommodates up to approximately 4" O.D. pipe or drain tile. Approximate dimensions shown.

CHRISTY ORDERING CODE	ITEM	APPROX. SHIPPING WEIGHT	DESCRIPTION
V1BOX	Drain Box	45	V1 Drain Box (8-1/2" I.D. x 11-3/4" high) — 24 Per Pallet
FBC	Lid	9	D210 Reinforced Concrete
FBC	Lid	7	C210 Cast Iron
V1-TIC	Grate	10	71C213 Cast Iron

TO FIND CENTIMETERS MULTIPLY INCHES BY 2.5  
TO FIND KILOGRAMS MULTIPLY POUNDS BY .45

QUALITY PRECAST CONCRETE PRODUCTS

HANNA-BRUNETTI  
EST. 1970  
CIVIL ENGINEERS • LAND SURVEYORS  
CONSTRUCTION MANAGERS  
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REVISIONS	DATE	BY

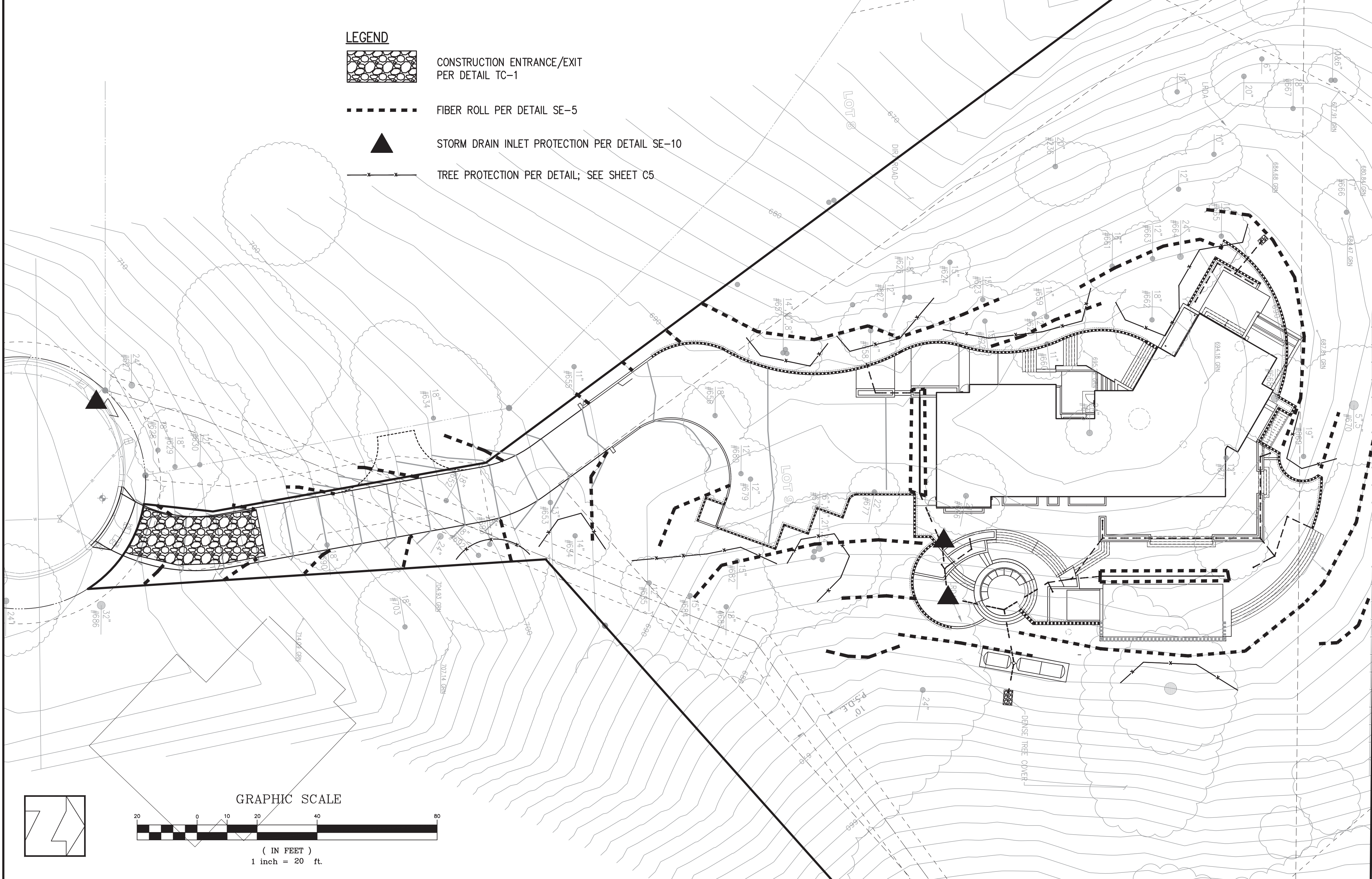
DIVERSION AND OUTLET WIER DETAIL

SHEET C7 OF 9

CONTRACTOR AGREES THAT THE DESIGN ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR THE SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE CONTINUOUS AND NOT LIMITED TO NORMAL WORKING HOURS. AND THAT THE CONTRACTOR SHALL MAINTAIN, REPAIR AND HOLD THE OWNER HARMLESS FROM ANY AND ALL LIABILITY, INCLUDING THE COST OF DEFENSE, ARISING FROM THE FAILURE OF THE EROSION CONTROL MEASURES.

**LEGEND**

-  CONSTRUCTION ENTRANCE/EXIT PER DETAIL TC-1
-  FIBER ROLL PER DETAIL SE-5
-  STORM DRAIN INLET PROTECTION PER DETAIL SE-10
-  TREE PROTECTION PER DETAIL; SEE SHEET C5



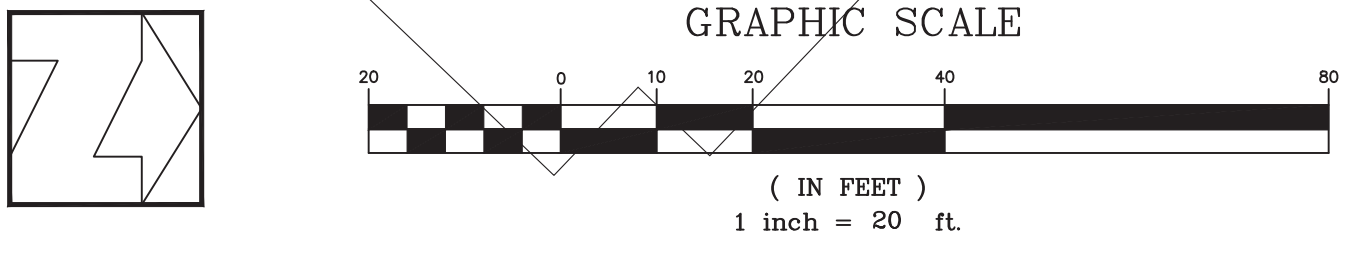
**EROSION CONTROL NOTES**

1. EROSION CONTROL MEASURES SHALL BE EFFECTIVE FOR CONSTRUCTION DURING THE RAINY SEASON; OCTOBER 15 THROUGH APRIL 15.
2. NO STORM WATER RUNOFF SHALL BE ALLOWED TO DRAIN INTO THE EXISTING AND/OR PROPOSED UNDERGROUND STORM SYSTEM UNTIL SUITABLE EROSION CONTROL MEASURES ARE FULLY IMPLEMENTED. NO STORM WATER RUNOFF SHALL BE ALLOWED TO ENTER THE STORM DRAIN SYSTEM THAT IS NOT CLEAR, AND FREE OF SILTS.
3. A FIBER ROLL BARRIER PER "DETAIL SE-5" SHALL BE INSTALLED ALONG THE PERIMETER OF THE PROJECT SITE. THE LOCATION OF THE FIBER ROLL ALONG THE PERIMETER SHALL BE ADJUSTED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. A FIBER ROLL SHALL ALSO BE REQUIRED AROUND THE PERIMETER OF ANY STOCKPILE OR OTHER SITE OF BARE, LOOSE EARTH.
4. ALL STORM DRAIN MANHOLES, CATCH BASINS, AND/OR DROP INLETS THAT ARE TO ACCEPT STORM WATER SHALL HAVE INLET PROTECTION MEASURES PER DETAIL SE-10. STORM WATER RUNOFF SHALL BE DIRECTED TO THESE INLETS ONLY. STORM DRAIN CATCH BASINS THAT ARE NOT COMPLETE, SHALL BE BLOCKED OFF COMPLETELY.
5. THE NAME, ADDRESS, AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR THE IMPLEMENTATION OF THE EROSION CONTROL PLAN SHALL BE PROVIDED TO THE CITY.
6. PRIOR TO GRADING, AN ENTRANCE SHALL BE CONSTRUCTED, CONSISTING OF A MINIMUM OF 50 LF OF DRAIN ROCK, 3" IN DIAMETER, PLACED OVER MIRAFI 500X (OR EQUAL) PER DETAIL TC-1. THE ENTRANCE SHALL CONFORM TO "CONSTRUCTION ENTRANCE DETAIL TC-1". THERE SHALL BE ONLY ONE ENTRANCE/EXIT POINT TO THE SITE DURING THE RAINY SEASON. THE LOCATION SHALL BE AS SHOWN ON THESE PLANS, OR AT A LOCATION APPROVED BY THE CITY.
7. ALL AREAS OF BARE, TURNED OR DISTURBED EARTH SHALL BE STABILIZED BY USE OF HYDROSEED PER THE TABLE BELOW. ALL STOCKPILES, AND/OR BORROW AREAS SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES SUCH AS A PERIMETER SILT FENCE, AND OTHER METHODS TO PREVENT ANY EROSION OR SILTS MIGRATION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS, BUT ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE COUNTY INSPECTOR. THE STORM DRAIN SYSTEM SHALL MAINTAIN A FORM OF DRAIN INLET PROTECTION UNTIL COUNTY ACCEPTS THE FINAL STREET IMPROVEMENTS. THE DRAIN INLET PROTECTION SHALL BE MAINTAINED, EFFECTIVE AND SUBJECT TO COUNTY INSPECTOR'S APPROVAL.
8. ALL PAVED STREET, AND AREAS ADJACENT TO THE SITE SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO ELIMINATE SEDIMENT LADEN RUNOFF FROM ENTERING THE STORM DRAIN SYSTEM.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH DAY DURING THE RAINY SEASON. ANY DAMAGED STRUCTURAL MEASURES ARE TO BE REPAIRED BY END OF THE DAY. TRAPPED SEDIMENT IN "SD INLETS" (AND OTHER EROSION CONTROL MEASURES) SHALL BE REMOVED TO MAINTAIN TRAP EFFICIENCY. REMOVED SEDIMENT SHALL BE DISPOSED BY SPREADING ON SITE, WHERE IT WILL NOT MIGRATE.
10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREVENT THE FORMATION OF AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM A FAILURE TO DO SO.
11. ALL DRAIN SWALES SHALL BE PER DETAIL EC-9.
12. INCOMPLETE GRADING SHALL NOT BE ALLOWED. CONTRACTOR SHALL MAINTAIN A DRAIN PATH AS SHOWN ON THIS PLAN. SAID DRAIN PATH SHALL BE MAINTAINED LINED DRAIN SWALES, AND INLET PROTECTION AT A MINIMUM. IF PONDING DOES OCCUR ON THE SITE AFTER GRADING, THE WATER MUST BE FREE AND CLEAR OF SEDIMENT PRIOR TO DISCHARGE TO THE STORM DRAIN SYSTEM. THIS REQUIREMENT MAY NECESSITATE THE USE OF NATURAL AND/OR MECHANICAL DESILTING METHODS, SUBJECT TO APPROVAL BY THE COUNTY INSPECTOR.
13. IF THESE EROSION CONTROL MEASURES PROVE INADEQUATE, STRAW MULCH, TACKIFIER, AND ADDITIONAL HYDROSEEDING MAY BE REQUIRED.

**HYDROSEED TABLE**

ITEM	LBS/ACRE
COMMON BARLEY	45
ANNUAL RYEGRASS	45
CRIMSON CLOVER	10
FERTILIZER 7-2-3	400
FIBER MULCH	2000
TACKIFIER	100

14. ALL GRADING WORK BETWEEN OCTOBER 15th AND APRIL 15th IS AT THE DISCRETION OF THE CITY INSPECTOR.
15. PROVIDE SHRUBS AND/OR TREES REQUIRED ON SLOPES GREATER THAN 15 FEET IN VERTICAL HEIGHT.
16. THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL INSTALL AND MAINTAIN THROUGHOUT THE DURATION OF CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL WITHIN THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY BEST MANAGEMENT PRACTICES (BMP'S) TO PREVENT CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, WASTE MATERIALS, AND SEDIMENT CAUSED BY EROSION FROM CONSTRUCTION ACTIVITIES ENTERING THE STORM DRAIN SYSTEM, WATERWAYS, AND ROADWAY INFRASTRUCTURE. BMP'S SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING PRACTICES APPLICABLE TO THE PUBLIC ROAD AND EXPRESSWAY FACILITIES:
  - A) REDUCTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN/STAGING AREAS.
  - B) PREVENTION OF TRACKING OF MUD, DIRT AND CONSTRUCTION MATERIALS ONTO PUBLIC ROAD RIGHT OF WAY.
  - C) PREVENTION OF DISCHARGE OF WATER RUNOFF DURING DRY AND WET WEATHER CONDITIONS ONTO PUBLIC ROAD RIGHT OF WAY.
17. THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON-HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE CITY RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE CITY RIGHT OF WAY SHALL HAVE SEASONALLY APPROPRIATE BMP'S INSTALLED AND MAINTAINED AT ALL TIMES.



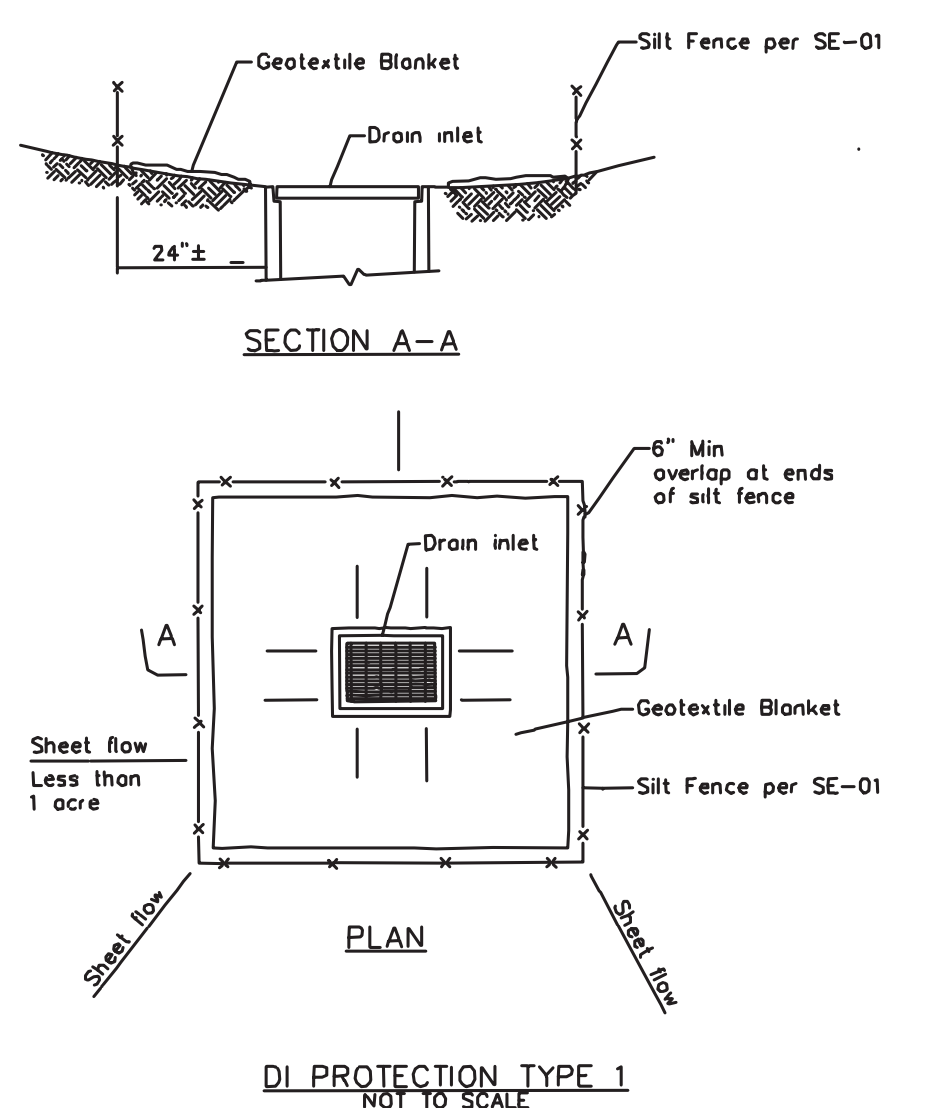
PROJECT SIZE	CRUSHED ROCK	LENGTH OF ATB
< 1/4 ACRE	30	0
< 1 ACRE	50	0
< 3 ACRE	100	0
> 3 ACRE	100	50

**NOTES:**

- 1 SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE DIPPED ACROSS THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH CRUSHED ROCK SHALL BE PERMITTED.
- 2 MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF MUD OR CONCRETE ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC ALL SEDIMENT AND REPAIR AREAS SHALL BE MAINTAINED AS NECESSARY TO PREVENT TRACKING OF MUD OR CONCRETE ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC ALL SEDIMENT AND REPAIR AREAS SHALL BE MAINTAINED AS NECESSARY TO PREVENT TRACKING OF MUD OR CONCRETE ONTO PUBLIC RIGHT OF WAY.
- 3 WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS USED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 4 PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

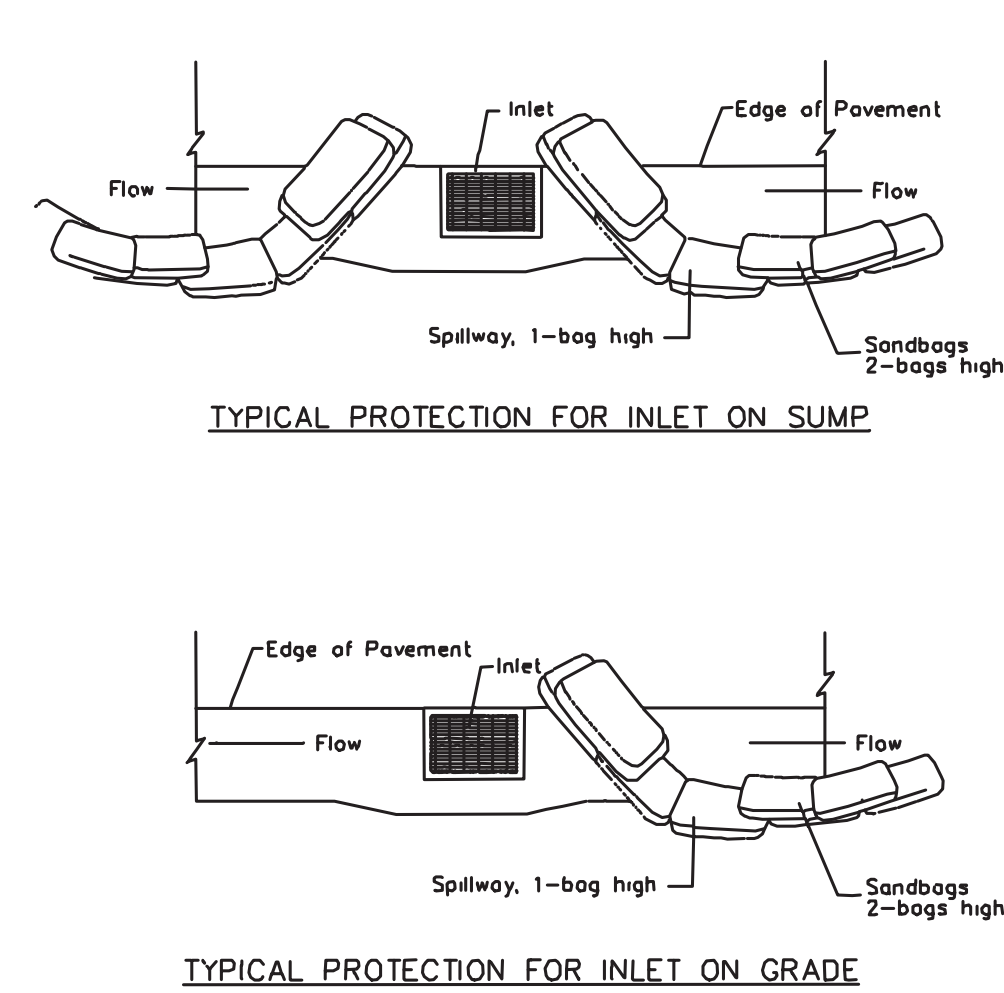
APPROVED BY: [Signature] DATE: NOVEMBER 2010  
 TOWN ENGINEER  
 STABILIZED CONSTRUCTION ENTRANCE  
 ST-250

SE-10 Storm Drain Inlet Protection



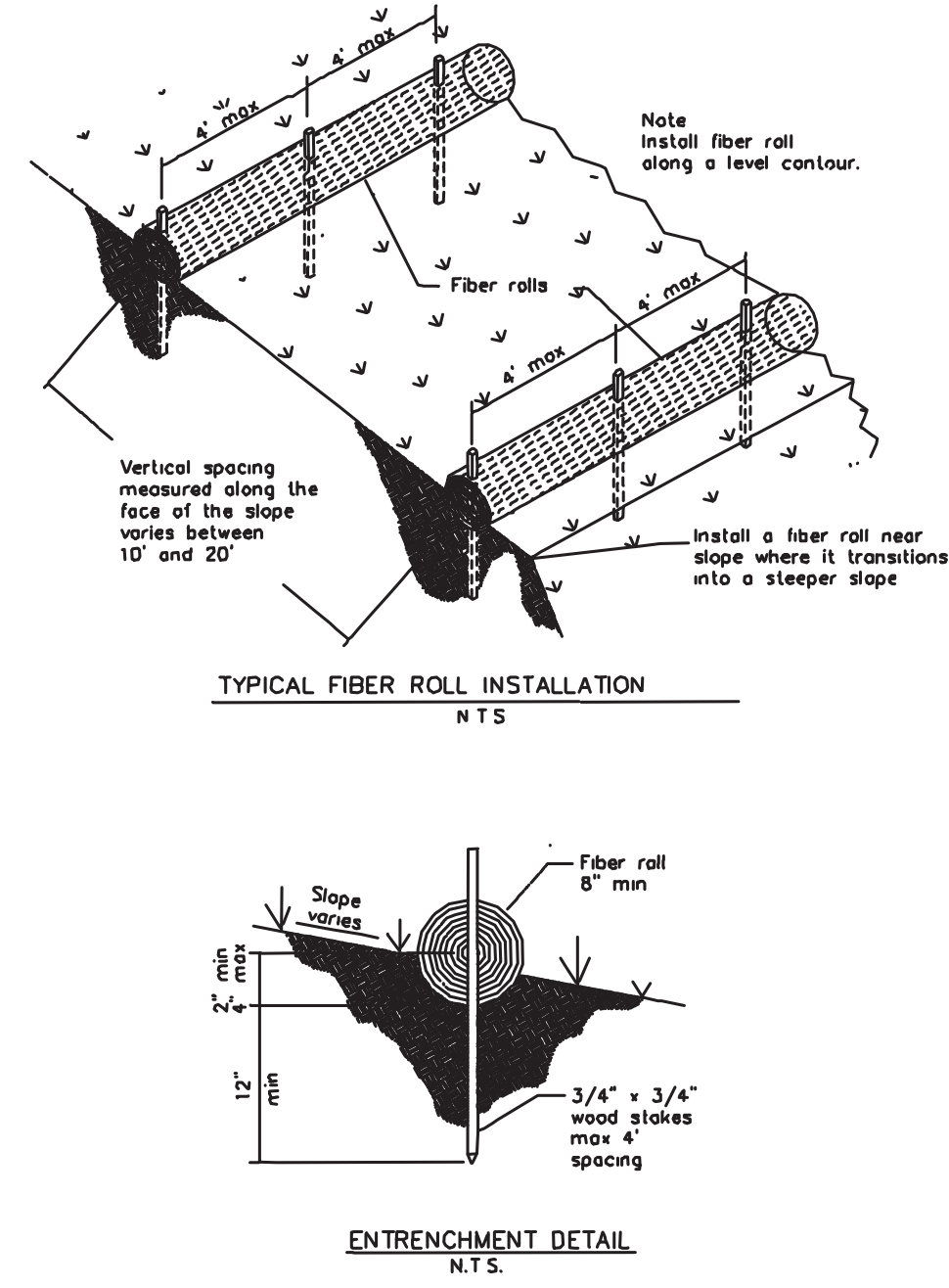
- NOTES:**
- 1 For use in areas where grading has been completed and final soil stabilization and seeding are pending
  - 2 Not applicable in paved areas
  - 3 Not applicable with concentrated flows.

SE-10 Storm Drain Inlet Protection SE-5

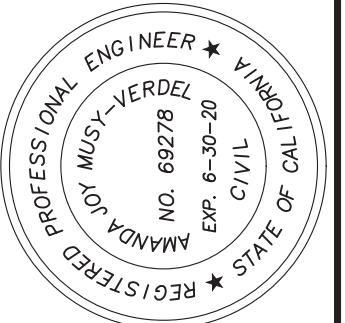


- NOTES:**
- 1 Intended for short-term use
  - 2 Use to inhibit non-storm water flow
  - 3 Allow for proper maintenance and cleanup
  - 4 Bags must be removed after adjacent operation is completed
  - 5 Not applicable in areas with high silt and clay without filter fabric.
- DI PROTECTION TYPE 3**  
NOT TO SCALE

Fiber Rolls



**PRELIMINARY PLANS**  
NOT FOR CONSTRUCTION



DATE: JANUARY 31, 2024	SCALE: 1"=20'
DESIGN: AM	DRAWN: TM
CHECK: XX	ENGR: AM

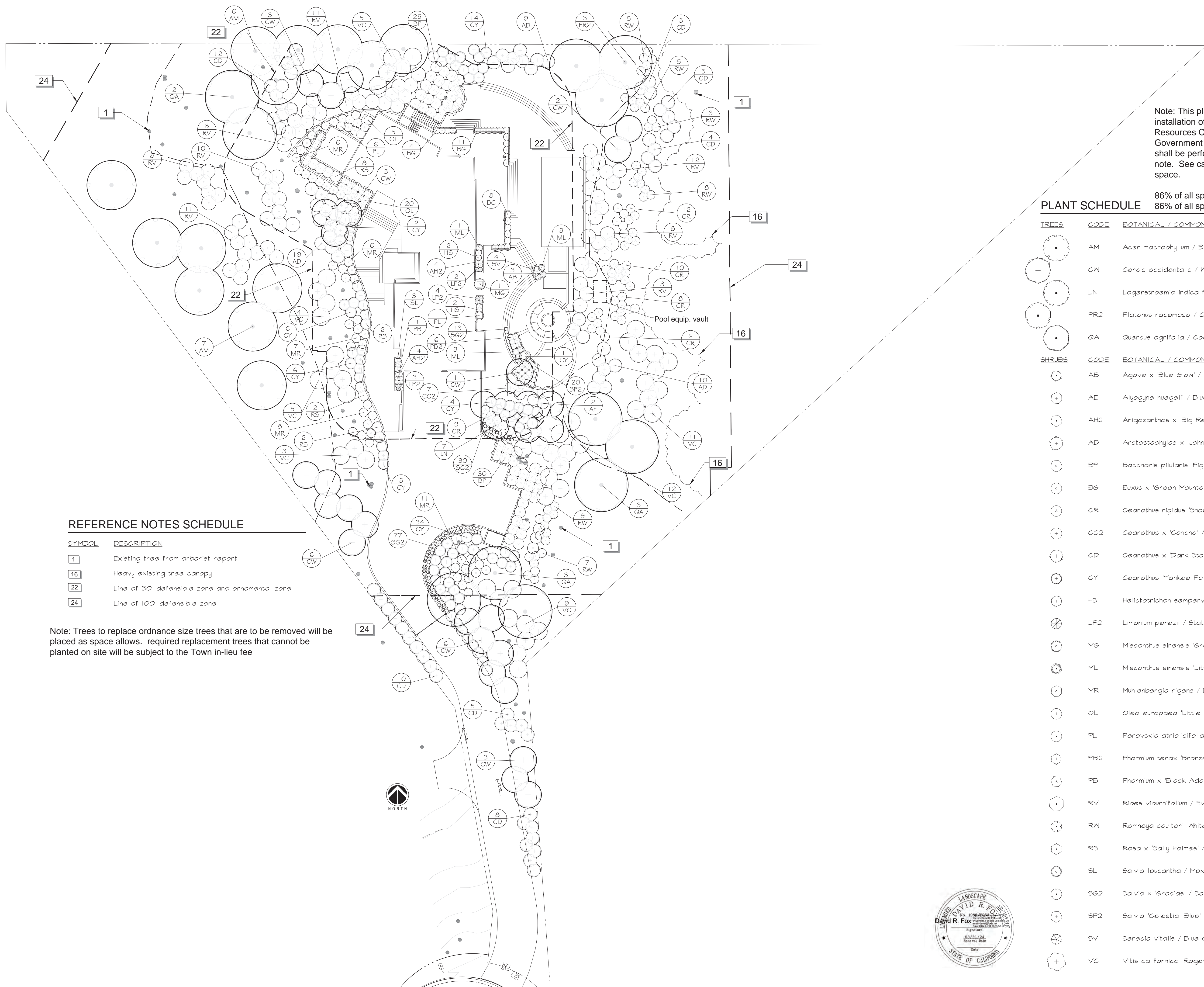
**LANDS OF OLGAARD**  
**15365 SANTELLA COURT - APN 527-09-018**  
**EROSION CONTROL/CONSTRUCTION MANAGEMENT PLAN**  
 ARCHITECTURE AND SITE APPLICATION NO S-24-XX  
 TOWN OF LOS GATOS  
 PARKS AND PUBLIC WORKS DEPARTMENT  
 PROJECT NO.: 18080

**HANNA BRUNETTI**  
 EST. 1980  
 CIVIL ENGINEERS • LAND SURVEYORS  
 CONSTRUCTION MANAGERS  
 7651 EUGLEBERRY STREET • GILROY, CA 95020 • CALIFORNIA  
 OFFICE (408) 842-2173 • FAX (408) 842-2662  
 EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	DATE







Note: This plant list is in conformance with low fuel varieties and the installation of the landscape shall comply with California Public Resources Code section 4291 numbers 1-6 and sections and California Government Code section 51882 numbers 1-6. Regular maintenance shall be performed by the homeowner as per cited code sections in this note. See calfire.ca.gov for information regarding creating defensible space.

86% of all specified trees are California natives  
86% of all specified shrubs are California natives

**PLANT SCHEDULE**

TREES	CODE	BOTANICAL / COMMON NAME	CONT	QTY
	AM	Acer macrophyllum / Big Leaf Maple	24"box	13
	CW	Cercis occidentalis / Western Redbud Multi-trunk	15 gal	24
	LN	Lagerstroemia indica 'Fauriei Natchez' Multi / Grape Myrtle	36"box	7
	PR2	Platanus racemosa / California Sycamore	15 gal	3
	QA	Quercus agrifolia / Coast Live Oak	36"box	8
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	QTY
	AB	Agave x 'Blue Glow' / Blue Glow Agave	5 gal	3
	AE	Alyogyne huegelii / Blue Hibiscus	5 gal	2
	AH2	Anigozanthos x 'Big Red' / Big Red Kangaroo Paw	5 gal	8
	AD	Arctostaphylos x 'John Dourley' / John Dourley Manzanita	5 gal	38
	BP	Baccharis pilularis 'Pigeon Point' / Coyote Brush	5 gal	55
	B6	Buxus x 'Green Mountain' / Boxwood	5 gal	23
	CR	Ceanothus rigidus 'Snowball' / Ceanothus Snowball	1 gal	45
	CC2	Ceanothus x 'Concha' / California Lilac	5 gal	7
	CD	Ceanothus x 'Dark Star' / California Lilac	5 gal	47
	CY	Ceanothus 'Yankee Point' / California Lilac	1 gal	80
	HS	Helictotrichon sempervirens 'Sapphire' / Blue Oat Grass	5 gal	4
	LP2	Limonium perezii / Statice	1 gal	9
	MG	Miscanthus sinensis 'Gracillimus' / Maiden Grass	5 gal	1
	ML	Miscanthus sinensis 'Little Kitten' / Little Kitten Eulalia Grass	1 gal	7
	MR	Muhlenbergia rigens / Deer Grass	1 gal	38
	OL	Olea europaea 'Little Ollie' / Dwarf Olive	5 gal	25
	PL	Perovskia atriplicifolia 'Lacey Blue' / Russian Sage	5 gal	7
	FB2	Phormium tenax 'Bronze Baby' / Bronze Baby New Zealand Flax	1 gal	6
	FB	Phormium x 'Black Adder' / New Zealand Flax	5 gal	1
	RV	Ribes viburnifolium / Evergreen Currant	5 gal	71
	RW	Romneya coulteri 'White Cloud' / White Cloud Matilija Poppy	5 gal	37
	RS	Rosa x 'Sally Holmes' / Adelaide Hoodless Rose	5 gal	14
	SL	Salvia leucantha / Mexican Bush Sage	5 gal	3
	SS2	Salvia x 'Gracias' / Sage	1 gal	120
	SP2	Salvia 'Celestial Blue' / Santa Rosa Island Sage	1 gal	20
	SV	Senecio vitalis / Blue Chalk Fingers	1 gal	4
	VC	Vitis californica 'Roger's Red' / California Wild Grape	1 gal	49

**REFERENCE NOTES SCHEDULE**

SYMBOL	DESCRIPTION
	Existing tree from arborist report
	Heavy existing tree canopy
	Line of 30' defensible zone and ornamental zone
	Line of 100' defensible zone

Note: Trees to replace ordinance size trees that are to be removed will be placed as space allows. Required replacement trees that cannot be planted on site will be subject to the Town in-lieu fee



David R. Fox & Company Landscape Architecture  
 50 University Ave. Ste. B142, Los Gatos, California 95030  
 408-761-0212 Phone  
 david@foxnet.net

**Planting Plan**  
**WUI Plan and Notes**

**The Olgaard Residence**  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036

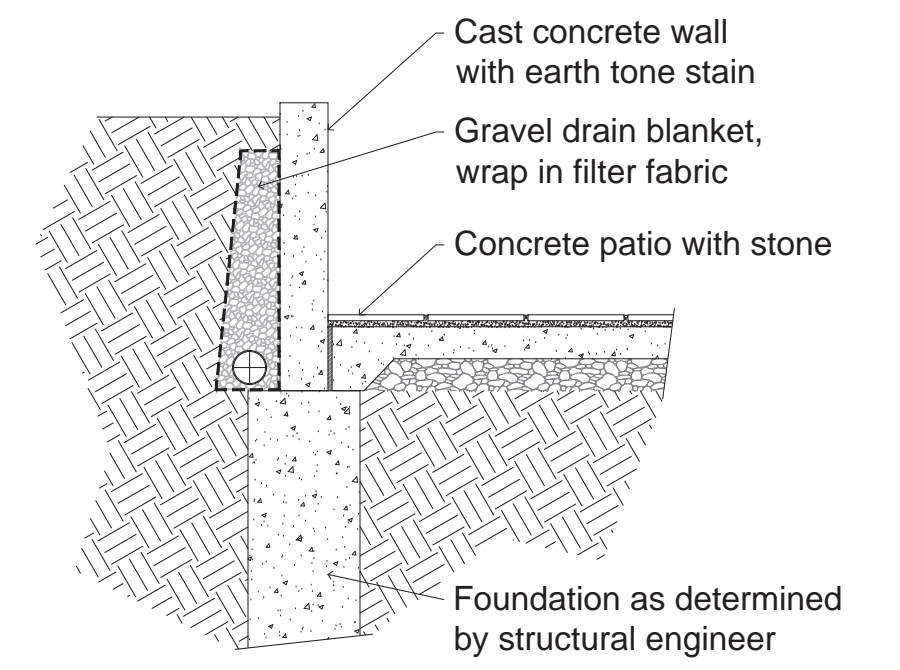


**REFERENCE NOTES SCHEDULE**

SYMBOL	DESCRIPTION
9	3" AC over 12" agg. base
10	Pervious pavers over 12" agg. base
18	Approximate entrance to lot B driveway
21	Automatic entry gates
23	Entry gate setback - 170'
25	Asphalt drive transitions to 16' wide after entry to adjacent residence
26	Concrete patios with stone
27	Planter wall, typical all walls. See detail this sheet
28	Permeable paving in hatched area to reduce impervious surface, i.e. EGO pavers, gravel, etc.
29	Paver driveway with installation that meets H/20 and HS/20 load standards
30	Trash enclosure, see detail sheet L2.2

**LEGEND**

- LRDA line
- Proposed fence line



**2** **PLANTER WALL AND HARDSCAPE DETAIL**  
 1/2" = 1'-0"  
 DETAIL-FILE



REVISIONS	BY

David R. Fox & Company, Landscape Architecture  
 50 University Ave. Ste. B142, Los Gatos, California 95030  
 david@drfox.net  
 408-761-0212 phone

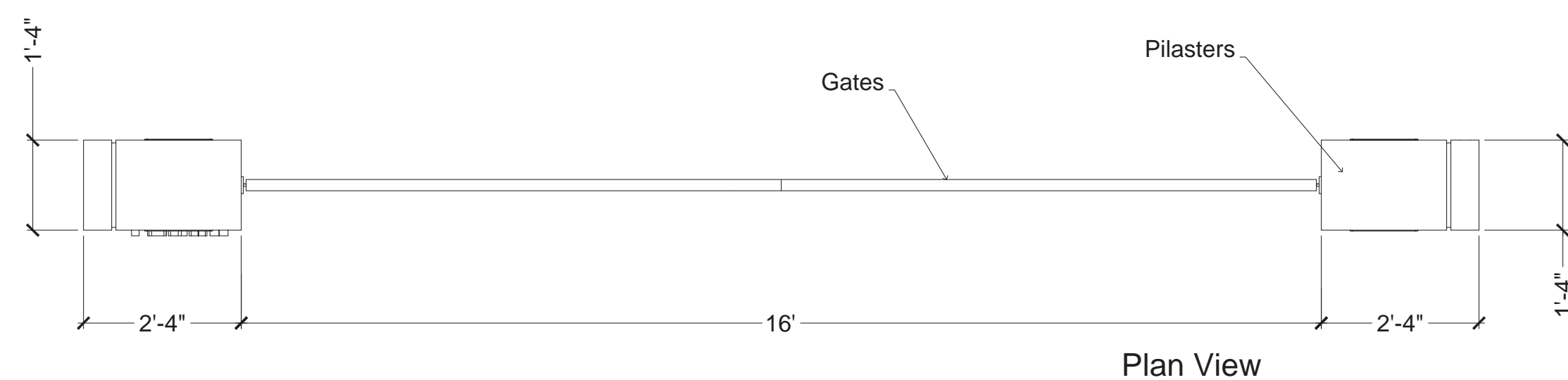
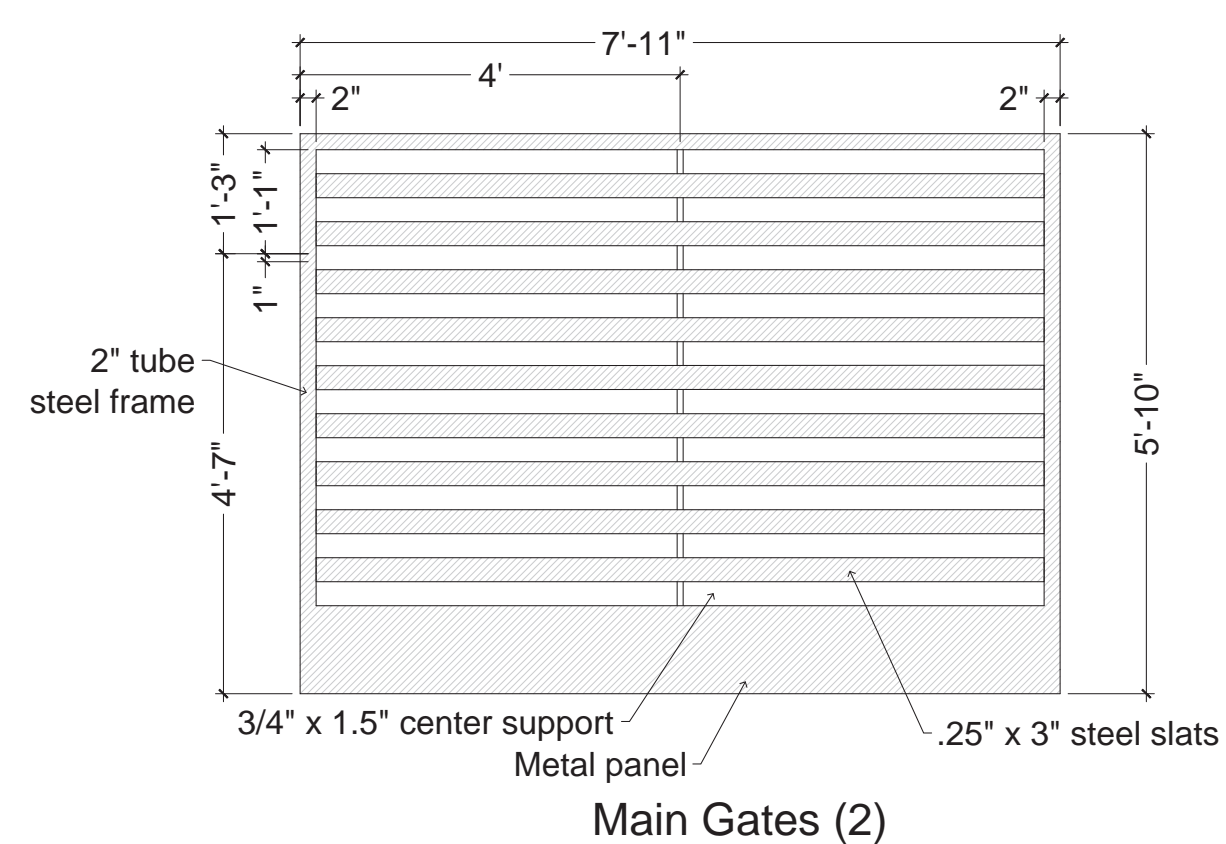
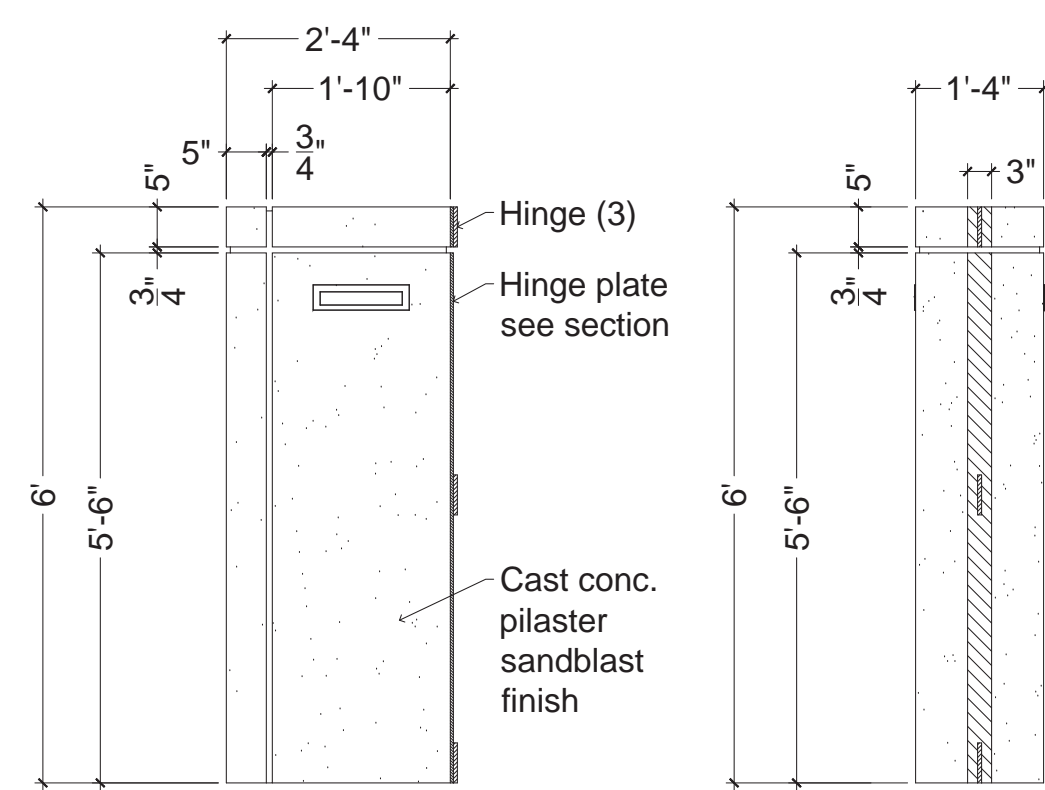
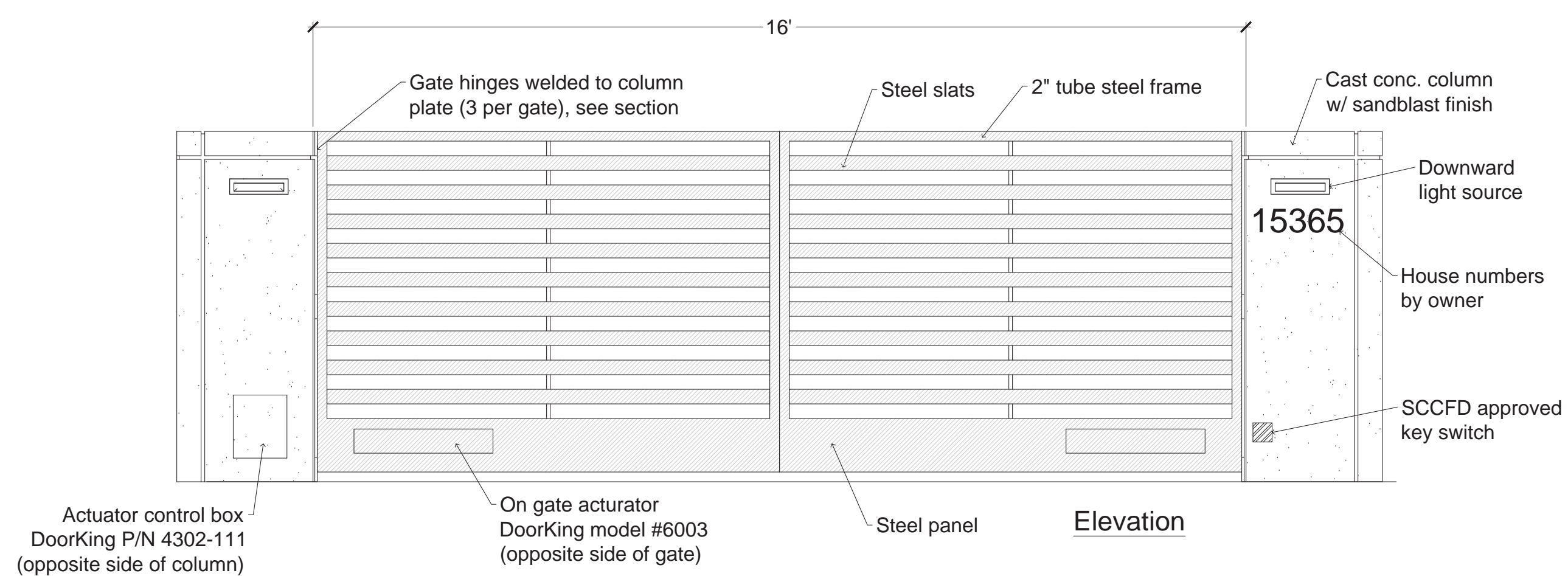
**Perimeter Fence and Details**  
**Planter Wall Detail**

**The Olgaard Residence**  
 15365 Santella Court  
 Los Gatos, California  
 APN 527-09-036

Date 1-31-24  
 Scale 1"=20'-0"  
 Drawn DRF  
 Job Olgaard  
 Sheet **L2.0**  
 Of      Sheets

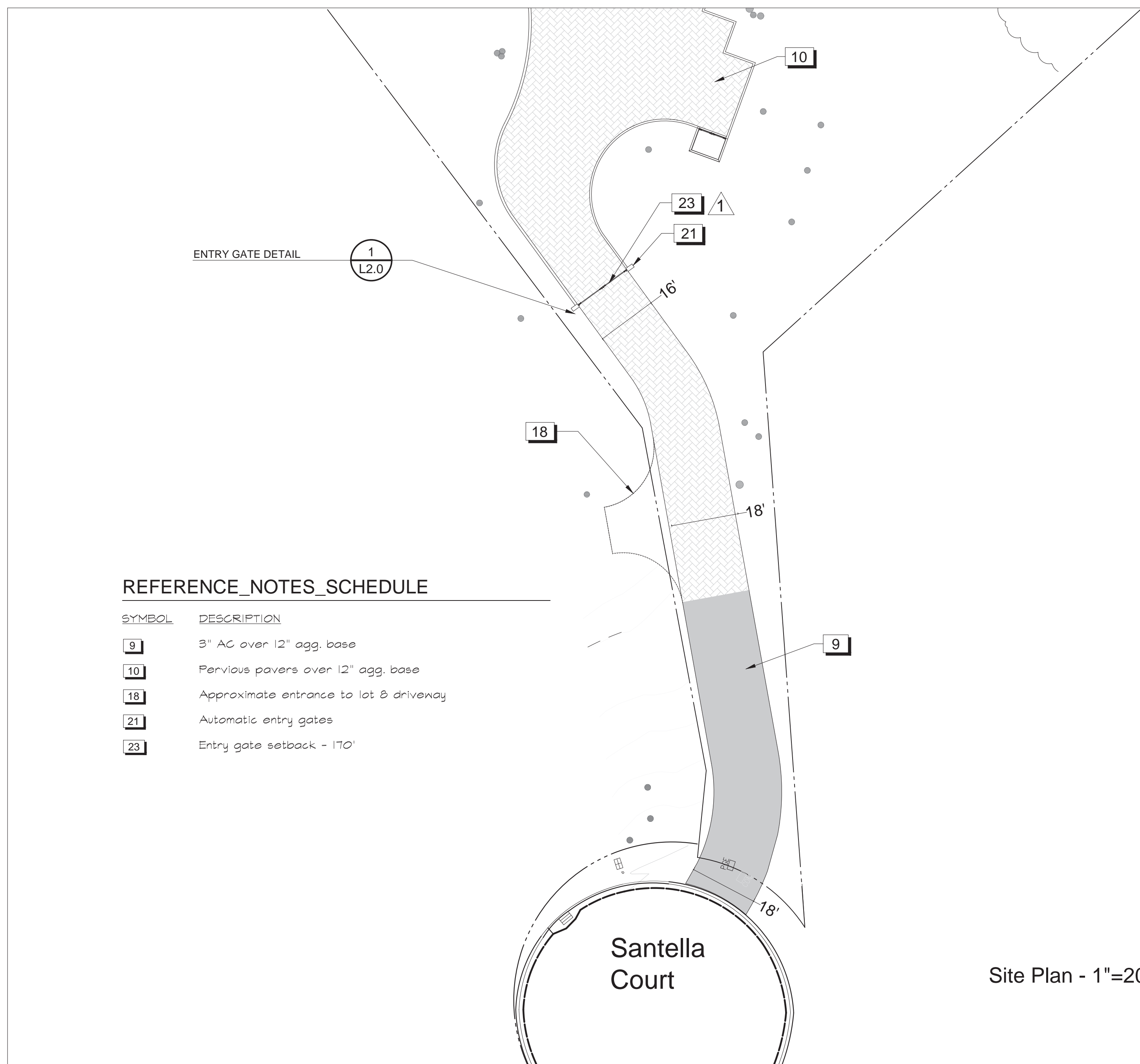
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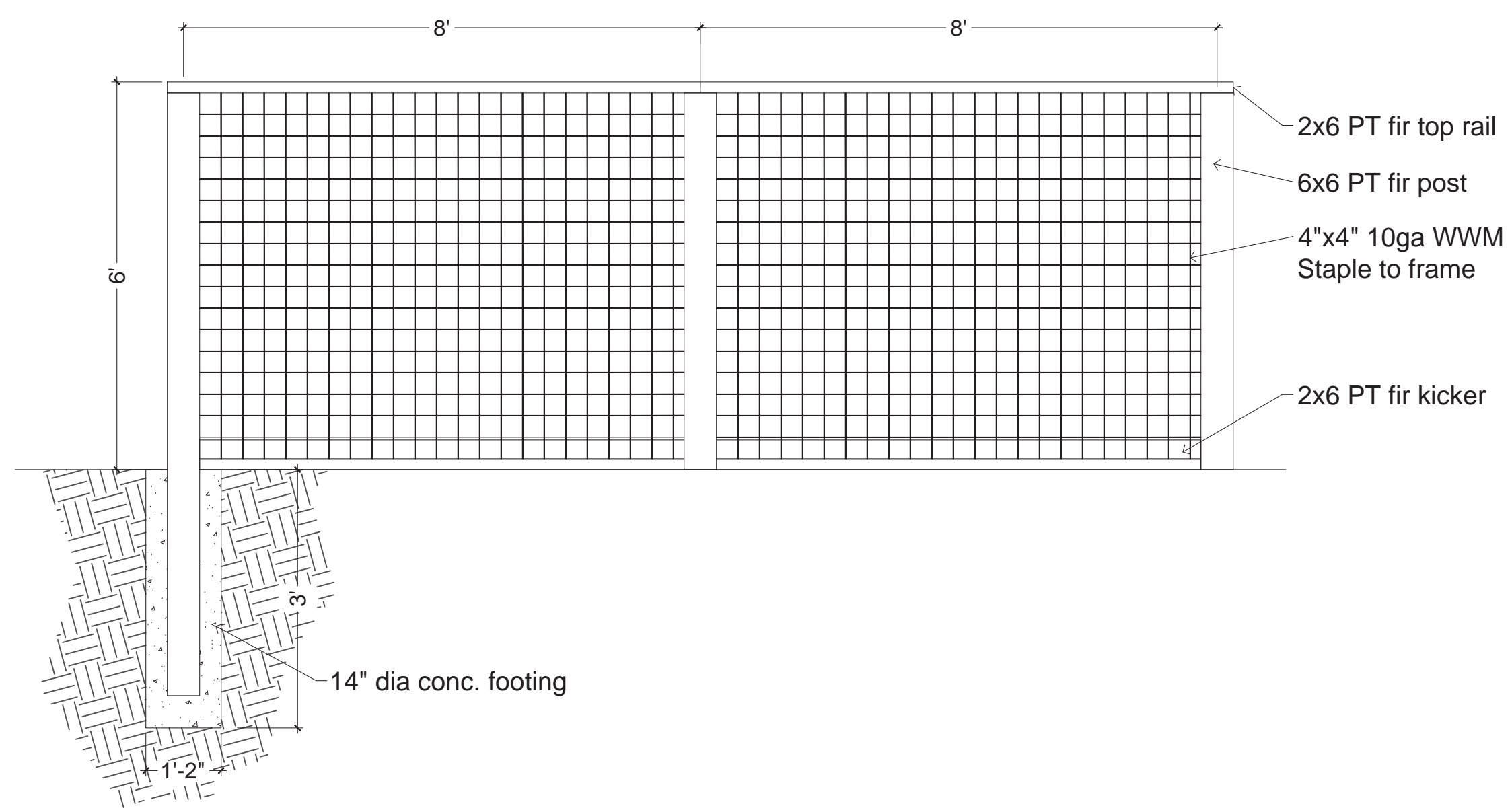
- No gate may be installed across a required fire department access road or driveway without prior approval of the Fire Department. A detailed plan shall be submitted for review and approval prior to commencing any work. This requirement may be modified depending upon the complexity of the installation.
- When padlocks are used to secure gates, they shall only be of a type approved by the Fire Department. (See also #4)
- Gates equipped with electric control devices also shall have an override key switch installed. The key switch shall be of a type approved by the Fire Department. (See also #4 and #10)
- Authorization forms for ordering fire department approved key switches and padlocks shall be obtained by contacting the Fire Prevention Division of the Fire Department.
- All electrically controlled gates shall be provided with a manual override to allow operation of the gate during a power outage.
- When open, gates shall not obstruct any portion of the required width of the driveway or access road.
- Gates shall be adequately supported to prevent dragging.
- Gates shall be operable by one person.
- Swing-style gates shall open a full 90 degrees and may swing in either direction. Sliding gates shall slide parallel to the security fence.
- All manually operated gates shall be designed so they remain in the open position when left unattended. Electrically operated gates shall be equipped with a fire department approved key switch. Activation of the switch shall open the gate(s) and cause it to remain in the open position until reset by emergency response personnel.
- Vertical clearance over the required vehicular access road or driveway shall be not less than 13 feet 6 inches.



**1 ENTRY GATE DETAIL**  
 1/2" = 1'-0"

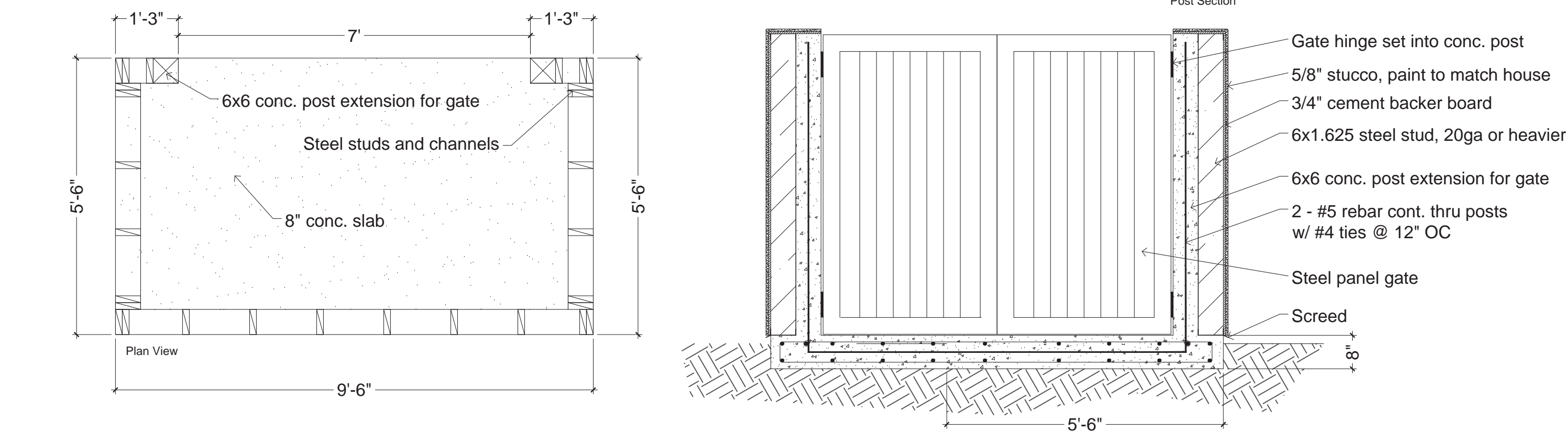
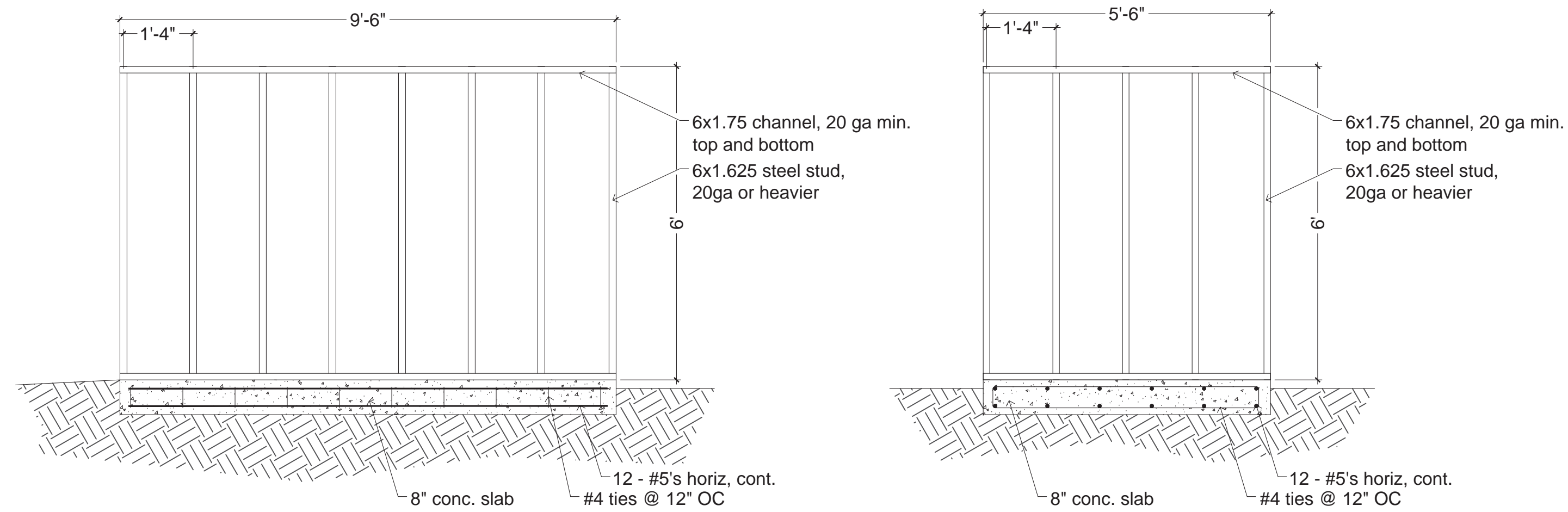
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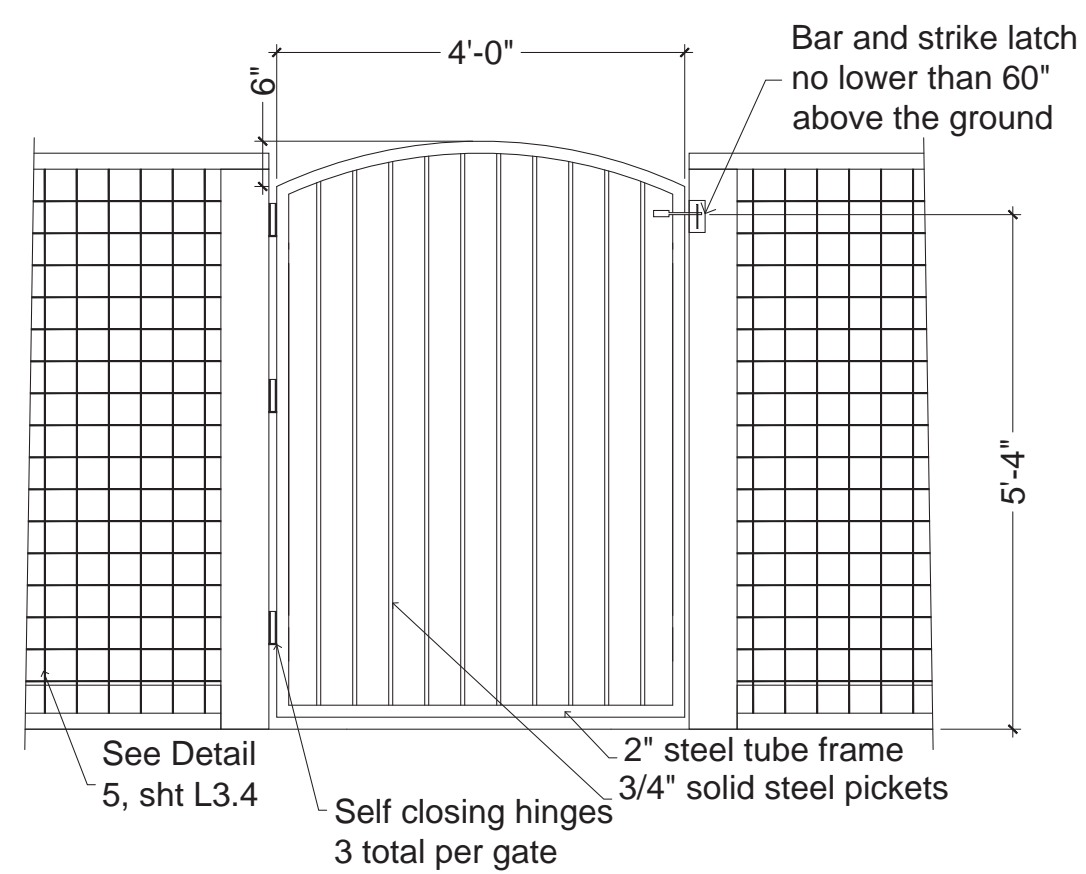
**1** WOOD AND WIRE FENCE  
1/2" = 1'-0"

DETAIL-FILE



**3** TRASH ENCLOSURE STRUCTURE  
1/2" = 1'-0"

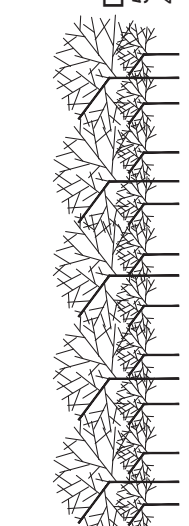
MERIT-METAL-01



**2** SELF-CLOSING GATE  
1/2" = 1'-0"

DETAIL-FILE

David R. Fox & Company, Landscape Architecture  
50 University Ave. - Ste. B142, Los Gatos, California 95030  
408-761-0212 Phone  
dfox@foxlanet

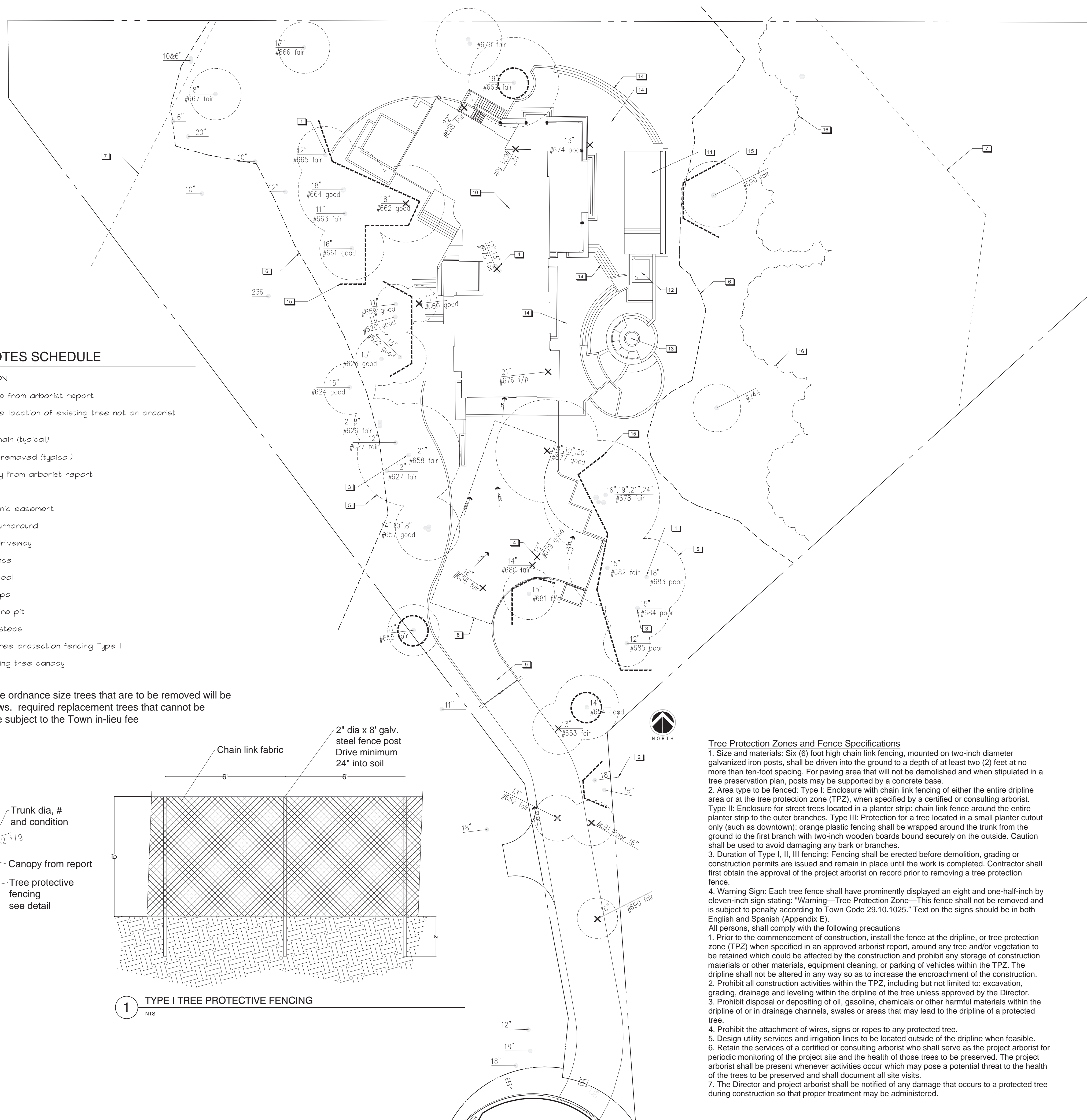


Details

The Olgaard Residence  
15365 Santella Court  
Los Gatos, California  
APN 527-09-036



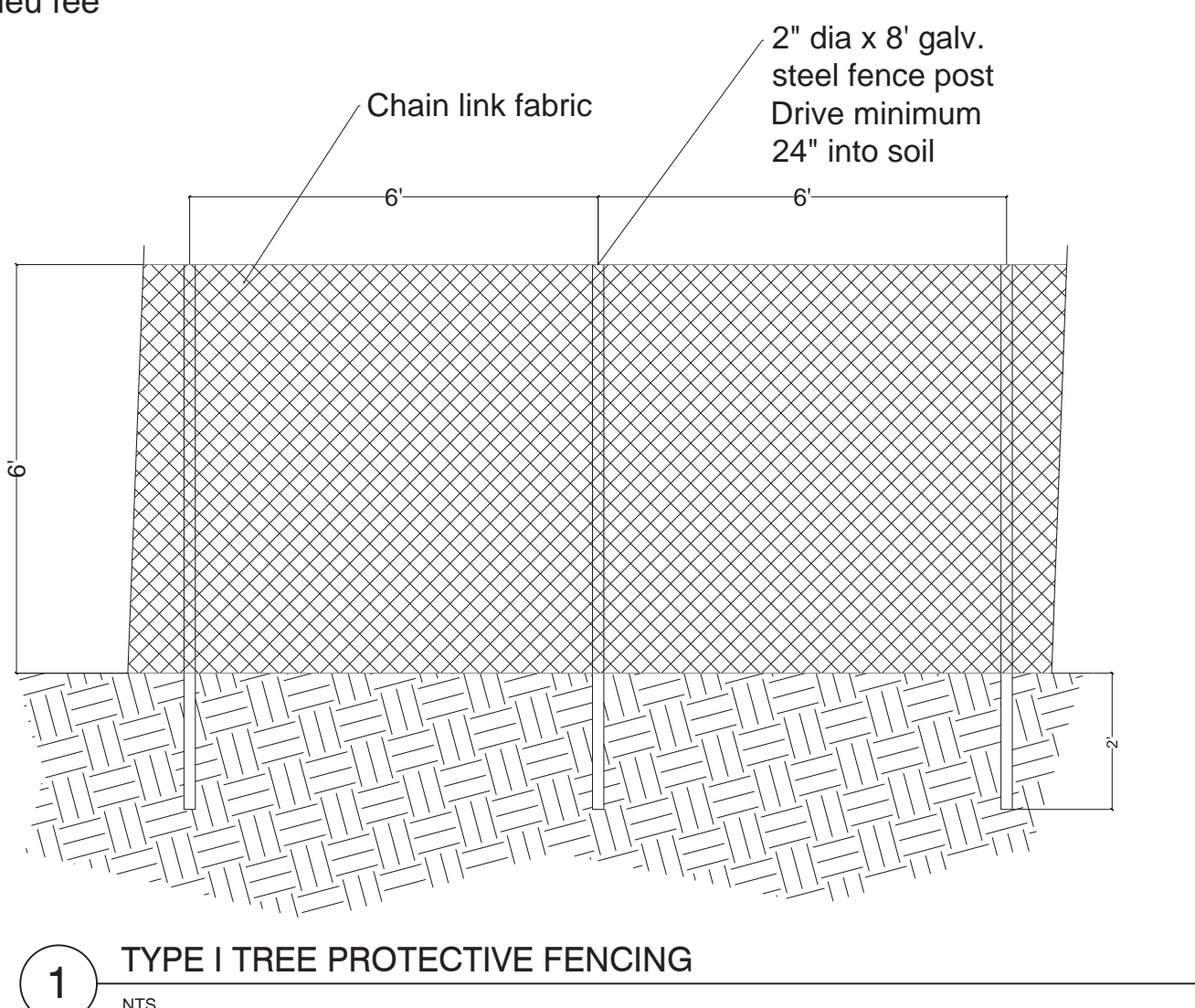
Date 1-31-24  
Scale 1"=20'-0"  
Drawn DRF  
Job Olgaard  
Sheet  
**L2.2**  
Of Sheets



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	Existing tree from arborist report
2	Approximate location of existing tree not on arborist report
3	Tree to remain (typical)
4	Tree to be removed (typical)
5	Tree canopy from arborist report
6	LRDA line
7	Private scenic easement
8	Fire truck turnaround
9	Proposed driveway
10	New residence
11	Proposed pool
12	Proposed spa
13	Proposed fire pit
14	Patios and steps
15	Proposed tree protection fencing Type I
16	Heavy existing tree canopy

Note: Trees to replace ordinance size trees that are to be removed will be placed as space allows. required replacement trees that cannot be planted on site will be subject to the Town in-lieu fee



Tree Protection Zones and Fence Specifications

1. Size and materials: Six (6) foot high chain link fencing, mounted on two-inch diameter galvanized iron posts, shall be driven into the ground to a depth of at least two (2) feet at no more than ten-foot spacing. For paving area that will not be demolished and when stipulated in a tree preservation plan, posts may be supported by a concrete base.
2. Area type to be fenced: Type I: Enclosure with chain link fencing of either the entire dripline area or at the tree protection zone (TPZ), when specified by a certified or consulting arborist. Type II: Enclosure for street trees located in a planter strip: chain link fence around the entire planter strip to the outer branches. Type III: Protection for a tree located in a small planter cutout only (such as downtown): orange plastic fencing shall be wrapped around the trunk from the ground to the first branch with two-inch wooden boards bound securely on the outside. Caution shall be used to avoid damaging any bark or branches.
3. Duration of Type I, II, III fencing: Fencing shall be erected before demolition, grading or construction permits are issued and remain in place until the work is completed. Contractor shall first obtain the approval of the project arborist on record prior to removing a tree protection fence.
4. Warning Sign: Each tree fence shall have prominently displayed an eight and one-half-inch by eleven-inch sign stating: "Warning—Tree Protection Zone—This fence shall not be removed and is subject to penalty according to Town Code 29.10.1025." Text on the signs should be in both English and Spanish (Appendix E). All persons shall comply with the following precautions:
  1. Prior to the commencement of construction, install the fence at the dripline, or tree protection zone (TPZ) when specified in an approved arborist report, around any tree and/or vegetation to be retained which could be affected by the construction and prohibit any storage of construction materials or other materials, equipment cleaning, or parking of vehicles within the TPZ. The dripline shall not be altered in any way so as to increase the encroachment of the construction.
  2. Prohibit all construction activities within the TPZ, including but not limited to: excavation, grading, drainage and leveling within the dripline of the tree unless approved by the Director.
  3. Prohibit disposal or depositing of oil, gasoline, chemicals or other harmful materials within the dripline of or in drainage channels, swales or areas that may lead to the dripline of a protected tree.
  4. Prohibit the attachment of wires, signs or ropes to any protected tree.
  5. Design utility services and irrigation lines to be located outside of the dripline when feasible.
  6. Retain the services of a certified or consulting arborist who shall serve as the project arborist for periodic monitoring of the project site and the health of those trees to be preserved. The project arborist shall be present whenever activities occur which may pose a potential threat to the health of the trees to be preserved and shall document all site visits.
  7. The Director and project arborist shall be notified of any damage that occurs to a protected tree during construction so that proper treatment may be administered.

Note: SPC=Species QD=Quercus Douglasii QA=Quercus Agrifolia

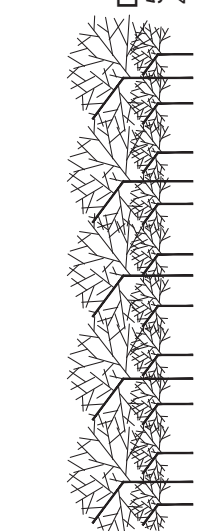
Trees To Remain				
Tree #	SPC	DIA	H/W	Condition
620	QD	11	25	Good
622	QD	13	25	Good
623	QD	11	25	Good
624	QD	11	25	Good
626	QD	8,10	25	Fair
627	QD	12	25	Fair
654	QD	14	40x25	Good
655	QD	11	20x20	Fair
657	QD	8,10,14	25x25	Good
658	QD	21	40x40	Good
659	QD	11	25x15	Good
661	QD	16	30x25	Good
663	QD	11	35x15	Fair
664	QD	18	38x35	Good
665	QD	12	25x22	Fair
666	QD	17	18x20	Fair
667	QA	18	20x20	Fair
669	QD	19	45x35	Fair
670	QA	18,12,6,12	45	Fair
672	QD	5	10x10	Fair
673	QD	13,12	9x10	Fair
678	QA	16,19,21,24	45x45	Fair
681	QD	12	40x20	Fair
682	QD	15	45x30	Fair
683	QD	18	45x30	Poor
684	QD	15	40x25	Poor
685	QD	12	35x18	Poor

Note: SPC=Species QD=Quercus Douglasii QA=Quercus Agrifolia

Trees To Be Removed				
Tree #	SPC	DIA	H/W	Condition
652	QD	13	40x25	Fair
653	QD	13	30x20	Fair
656	QD	16	30x20	Fair
660	QD	11	25x18	Fair
662	QD	18	30x30	Good
668	QD	22	40x30	Fair
671	QD	12	28x18	Fair
674	QD	13	22x20	Fair/Poor
675	QD	12,13	30x25	Fair
676	QD	21	22x30	Fair/Poor
677	QA	18,19,20	30x40	Good
679	QD	15	40x22	Good
680	QD	14	40x22	Fair
691	QA	16	30	Poor
690	QD	16	30	Fair



David R. Fox & Company, Landscape Architecture  
50 University Ave. Ste. B142, Los Gatos, California 95030  
408-761-0212 Phone  
dfox@foxla.net



Tree Plan

The Olgaard Residence  
15365 Santella Court  
Los Gatos, California