

# SITE PLAN 1/8" = 1'-0"

**FIRE SPRINKLERS REQUIRED PER SCC FIRE CONDITIONS OF APPROVAL FOR THE PROJECT.**

**SANTA CLARA COUNTY FIRE DEPARTMENT**  
 1910 Alameda, Campbell, CA 95008 | (408) 438-4200 | 130270000

**DEVELOPMENTAL REVIEW COMMENTS**

**Plan and Scope of Work:**

**Plan Review Comments:**

1. Review of this Developmental proposal is limited to acceptability of site access, water supply and fire hydrant locations. Fire hydrant locations are subject to fire department operations, and shall not be construed as a substitute for formal plan review to determine compliance with adopted model codes. The fire department will not be responsible for determining the location of fire hydrants. The applicant is responsible for determining the location of fire hydrants and for providing the necessary information to the fire department for its review.

2. The applicant shall provide a fire hydrant location map showing the location of fire hydrants and the location of fire hydrant connections to the building. The fire hydrant location map shall be submitted with the final plan review.

3. The applicant shall provide a fire hydrant location map showing the location of fire hydrants and the location of fire hydrant connections to the building. The fire hydrant location map shall be submitted with the final plan review.

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## BUILDING DEPARTMENT REQUIREMENTS:

1. A SEPARATE BUILDING PERMIT WILL BE REQUIRED FOR THE PHOTOVOLTAIC SYSTEM. PLEASE ADD A NOTE TO THE COVER SHEET OF THE PLANS STATING THE FOLLOWING, "A SEPARATE BUILDING PERMIT IS REQUIRED FOR THE PV SYSTEM THAT REQUIRED BY THE CALIFORNIA ENERGY CODE PERFORMANCE OR PRESCRIPTIVE STANDARDS. THE SEPARATE PV SYSTEM PERMIT MUST BE FINALED PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY."
2. ONE OF THE REQUIREMENTS OF THE TOWN'S ENERGY REACH CODE IS THAT ALL NEW HOMES USE ELECTRICITY AS THE ONLY SOURCE OF ENERGY FOR SPACE HEATING, WATER HEATING (INCLUDING POOLS AND SPAS), COOKING APPLIANCES, CLOTHES DRYING APPLIANCES, AND OTHER FEATURES FOR BOTH INTERIOR AND EXTERIOR APPLICATIONS. PLEASE REMOVE ALL REFERENCE TO GAS APPLIANCES AND ADD A NOTE TO THE COVER SHEET OF THE PLANS STATING THE FOLLOWING, "THIS RESIDENCE WILL COMPLY WITH THE TOWN'S ALL ELECTRIC APPLIANCE, ELECTRIC VEHICLE AND ENERGY STORAGE SYSTEM REQUIREMENTS IN ACCORDANCE WITH TOWN CODE."
3. EMERGENCY ESCAPE AND AREA WELLS MUST HAVE A HORIZONTAL PROJECTION AND WIDTH OF NOT LESS THAN 36", SHEET C2.1 AND C3.1.

**OWNERS**  
 [REDACTED]

176 LOMA ALTA AVENUE  
 LOS GATOS 916-833-3234

**PARTICULARS**  
 ZONE RI-8 NON-CONFORMING  
 AVG SLOPE 6.4% APN:532-28-031

**\* AREA SUMMARY**

SITE AREA	1,435 SF
FAR-HOUSE = .33	
ALLOWED FLOOR AREA	2,454 SF

**\* PROPOSED HOUSE**

MAIN LEVEL FLOOR AREA	1,661.5 SF/ 58%
UPPER LEVEL FLOOR AREA	1,212.5 SF/ 42%

**\* TOTAL FLOOR AREA** 2,874.0 SF/100%

**GARAGE AREA**

FAR GARAGE = .09	
ALLOWED GARAGE FAR	691.0 SF
ALLOWED GARAGE FAR	528.5 SF
<b>* PROPOSED GARAGE</b>	528.5 SF

BUILDING COVERAGE IMPERVIOUS COVERAGE	2,432.5/ 33%
	2,168.5/ 31%

BELOW GRADE ADU	(EXEMPT) 111.0 SF
BELOW GRADE AREA	(EXEMPT) 804 SF

Print date:  
 3.30.25  
 02.26.25  
 02.19.25  
 11.04.24  
 09.30.24  
 07.09.24

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**FAMILY**  
**176 LOMA ALTA AVE.**

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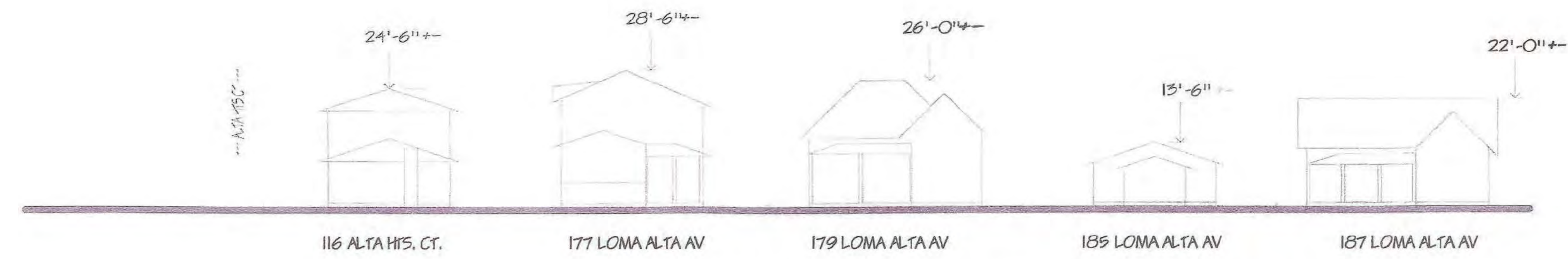
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Revisions:  
 9.30.24

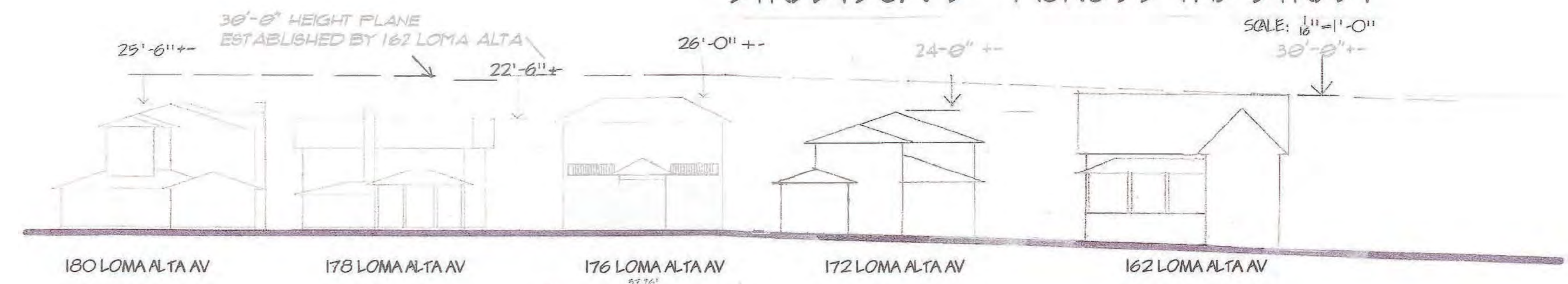
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Scale:  
 Date: Sheet

**A-1**



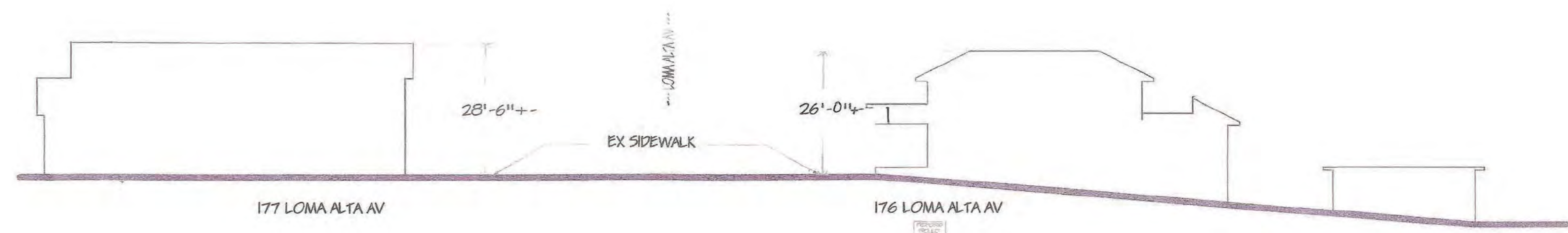
STREETSCAPE - ACROSS THE STREET



STREETSCAPE

SCALE: 1/16"=1'-0"

SCALE: 1/16"=1'-0"



SITE CROSS SECTION

SCALE: 1/8"=1'-0"

HOUSE SIZE COMPARISON CHART FOR 176 LOMA ALTA AVENUE

	Address	Zoning	Bldg SF Town Records	Bldg SF County Records	Site SF	Bldg FAR Town Records	Bldg FAR County Records	Garage SF
Existing	178 Loma Alta Ave	R-1:8	2,936	2,660	8,090	0.36	N/A	325
Existing	180 Loma Alta Ave	R-1:8	2,605	2,605	8,010	0.33	0.34	733
Existing	172 Loma Alta Ave	R-1:8	2,332	2,588	7,132	0.33	0.37	630
Existing	162 Loma Alta Ave	R-1:8	2,647	2,599	8,680	0.30	0.30	622
Existing	177 Loma Alta Ave	R-1:8	2,227	3,018	6,640	0.34	0.45	484
Existing	179 Loma Alta Ave	R-1:8	2,919	2,919	7,405	0.39	0.39	577
Existing	185 Loma Alta Ave	R-1:8	1,206	1,206	7,405	0.16	0.16	0
Existing	116 Alta Heights Ct	R-1:8	1,933	1,993	6,490	0.30	0.31	437
Existing	187 Loma Alta Ave	R-1:8	1,866	1,814	7,405	0.25	0.24	0
Existing	176 Loma Alta Ave (E)	R-1:8	996	996	7,435	0.13	0.13	280
Proposed	176 Loma Alta Ave (P)	R-1:8	2,874		7,435	0.39		528.5

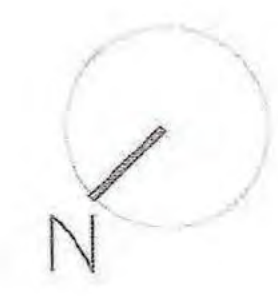
HOUSE SIZE COMPARISON CHART

THERE ARE THREE OTHER HOMES WITH LARGER FLOOR AREAS. THERE ARE TWO OTHER HOMES WITH LARGER FAR - ONE LARGER AND ONE THE SAME.



NEIGHBORHOOD PLAN

SCALE: 1"=50'



# TREE PROTECTION ZONE MAP

176 LOMA ALTA, LOS GATOS, CA



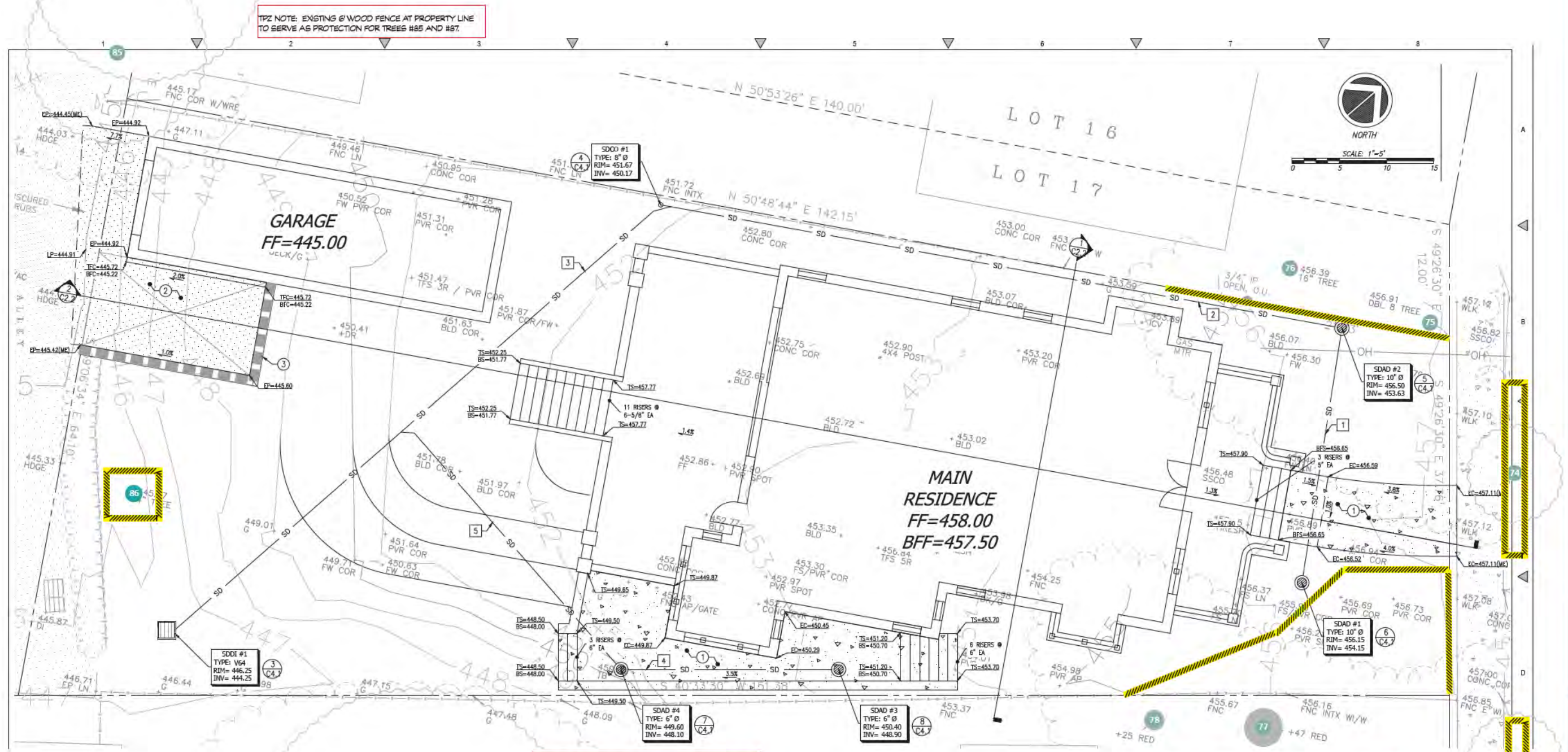
DATE:  
07/18/24

TPZ ELEMENTS DRAWN:  
B. FIRESTONE  
ISA BOARD CERTIFIED  
MASTER ARBORIST  
#WE-8525B

BASE MAP: SITE PLAN C2.1  
by C2G CIVIL CONSULTANTS  
GROUP  
(06/18/2024)

ARBORIST REPORT  
pg. 21

TR-1



TPZ NOTE: EXISTING 6" WOOD FENCE AT PROPERTY LINE TO SERVE AS PROTECTION FOR TREES #85 AND #87.

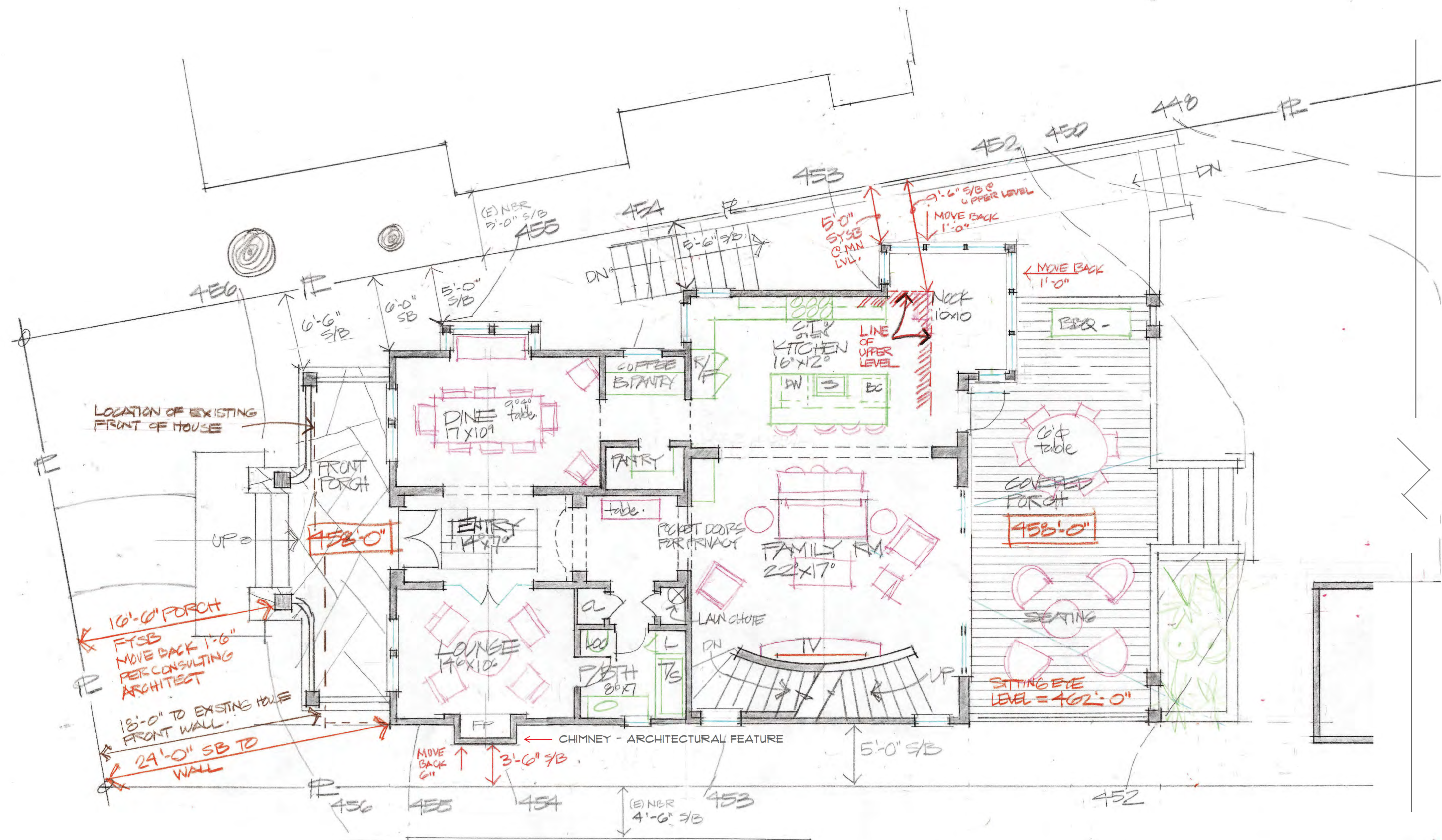
TPZ NOTE: EXISTING 6" WOOD FENCE AT PROPERTY LINE TO SERVE AS PROTECTION FOR TREE #88.

TPZ NOTE: TPZ FENCING MAY NEED TO BE ADJUSTED DURING DEMOLITION OF EXISTING DRIVEWAY. PROMPTLY RESTORE TPZ FENCING TO ORIGINAL LOCATION UPON COMPLETION.

- As required by the Town of Los Gatos:
- Pruning or root pruning must be supervised by an ISA-certified arborist or an ASCA-Registered Arborist. See Section 22.10.1010 of the Town Code for specifications to determine if a pruning permit is required.
- Tree protection fencing requirements:
- Six-foot high chain link fencing mounted on two-inch diameter galvanized iron posts shall be driven into the ground at least two-feet deep at no more than ten-foot spacing. When stipulated, for existing paving areas that will not be demolished, posts may be supported by concrete base.
  - Posted eight and one-half-inch by eleven-inch sign on each tree fence stating: "Warning - Tree Protection Zone - This fence shall not be removed and is subject to penalty according to Town Code 22.10.1025"
  - Labeled photographs of the installed fencing shall be emailed to the project planner prior to issuance of permits.
  - Tree protection fencing is required to remain in place throughout construction. Any protected tree on-site will require replacement according to its appraised value if it is damaged beyond repair as a result of construction.

TPZ MAP LEGEND:

	TREE TO REMAIN
	TREE ON NEIGHBORS' PROPERTY / CITY STREET TREE
	TREE PROTECTION FENCING



**MAIN FLOOR PLAN 1/4" = 1'-0"**

**FAMILY**  
**176 LOMA ALTA AVE.**

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02.19.25  
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07.09.24

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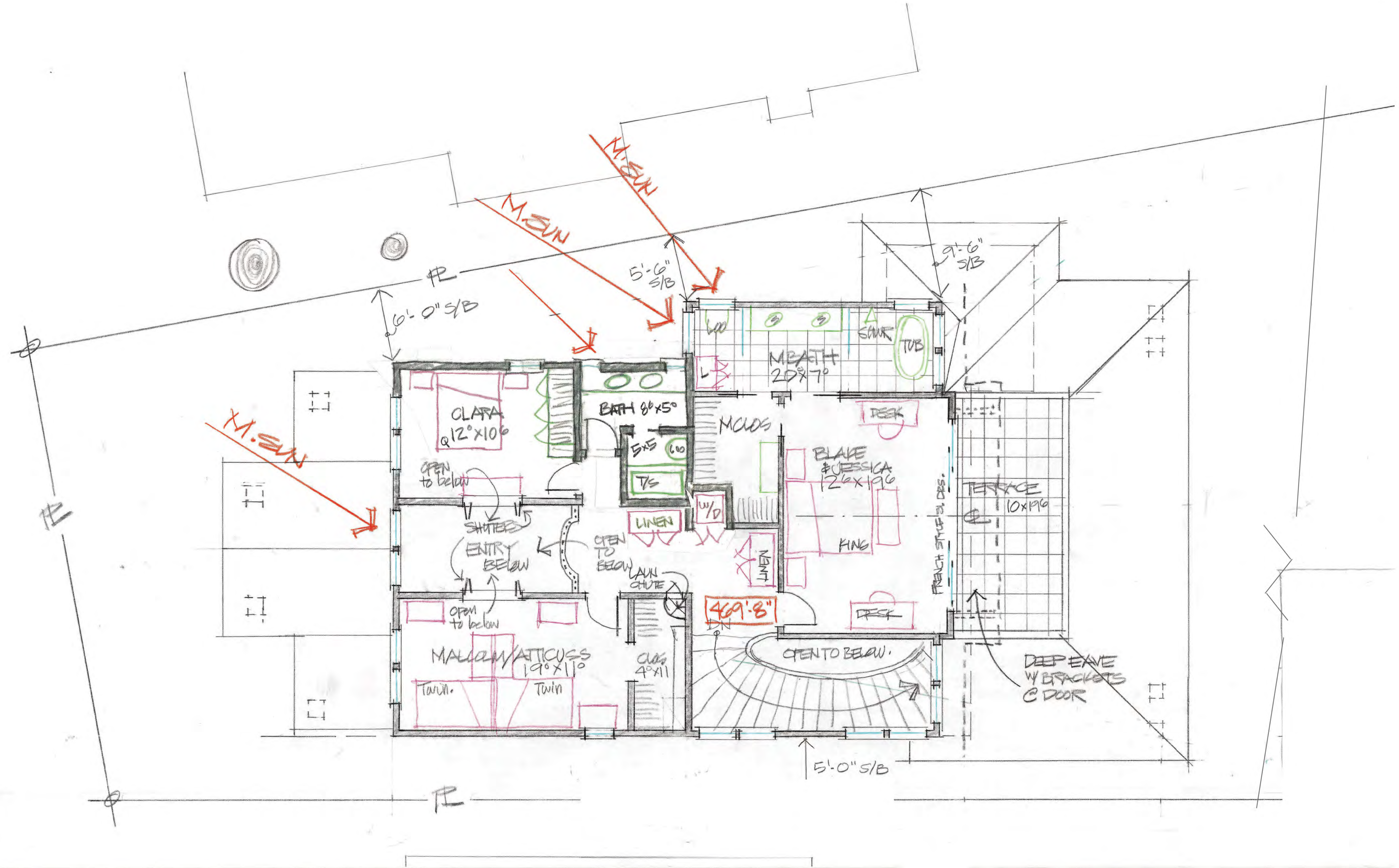
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**A-B**



**UPPER FLOOR PLAN 1/4" = 1'-0"**

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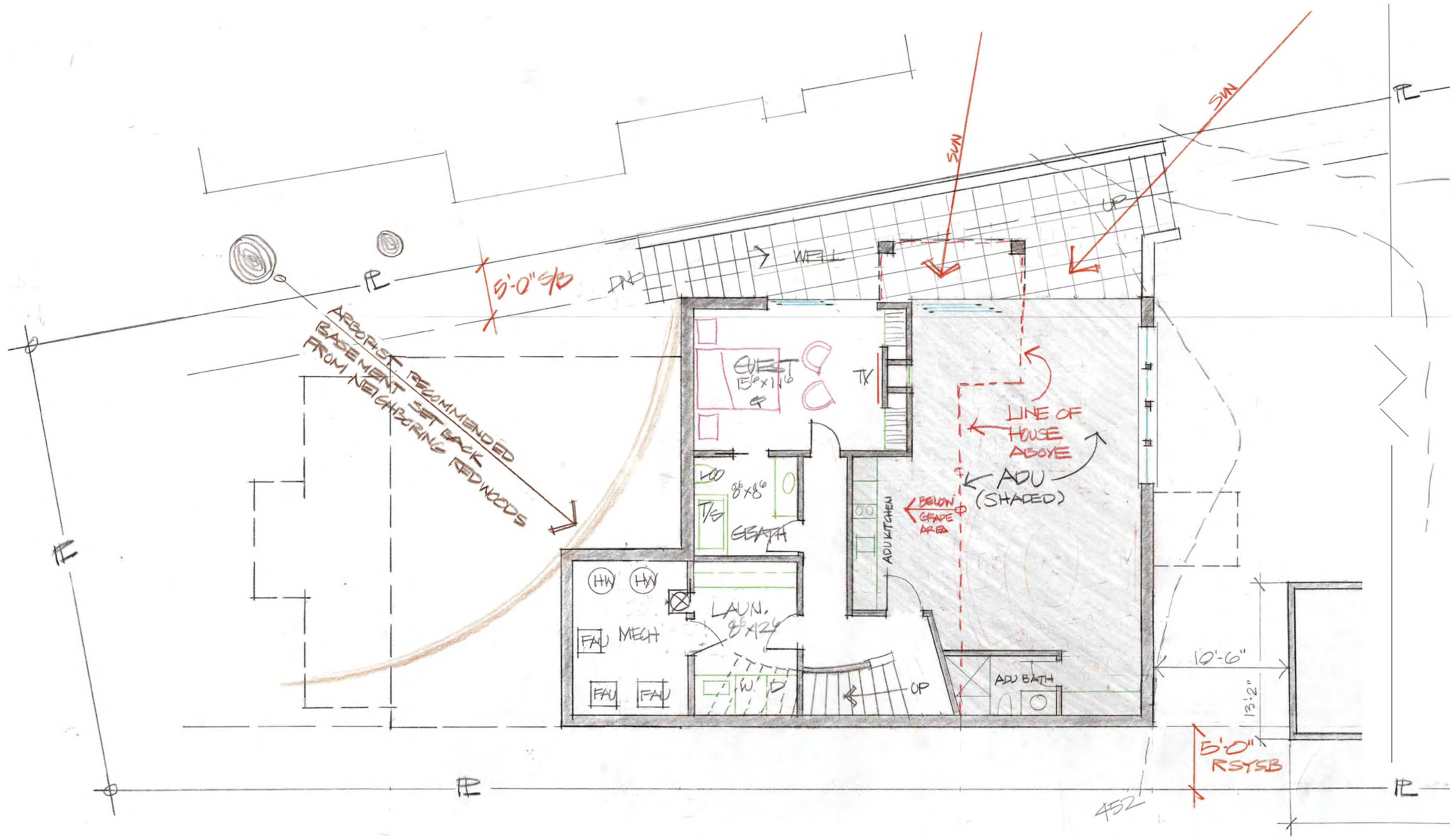
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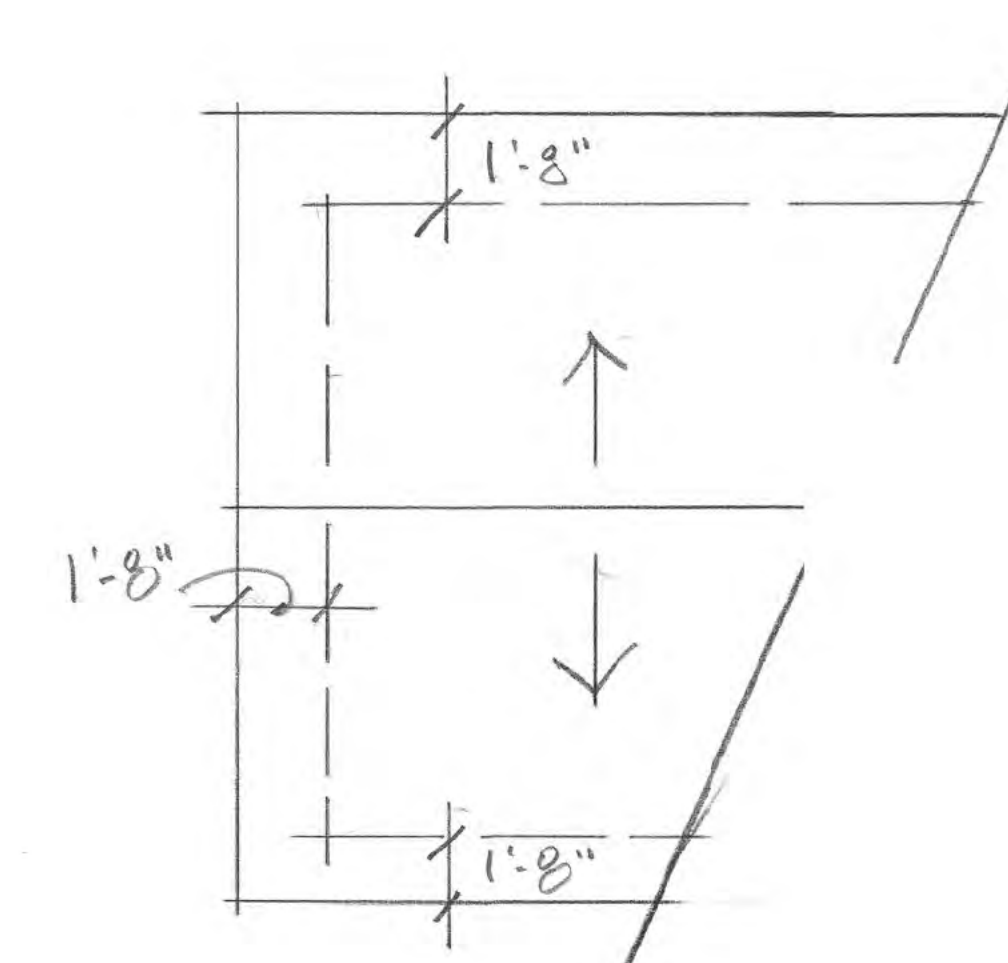
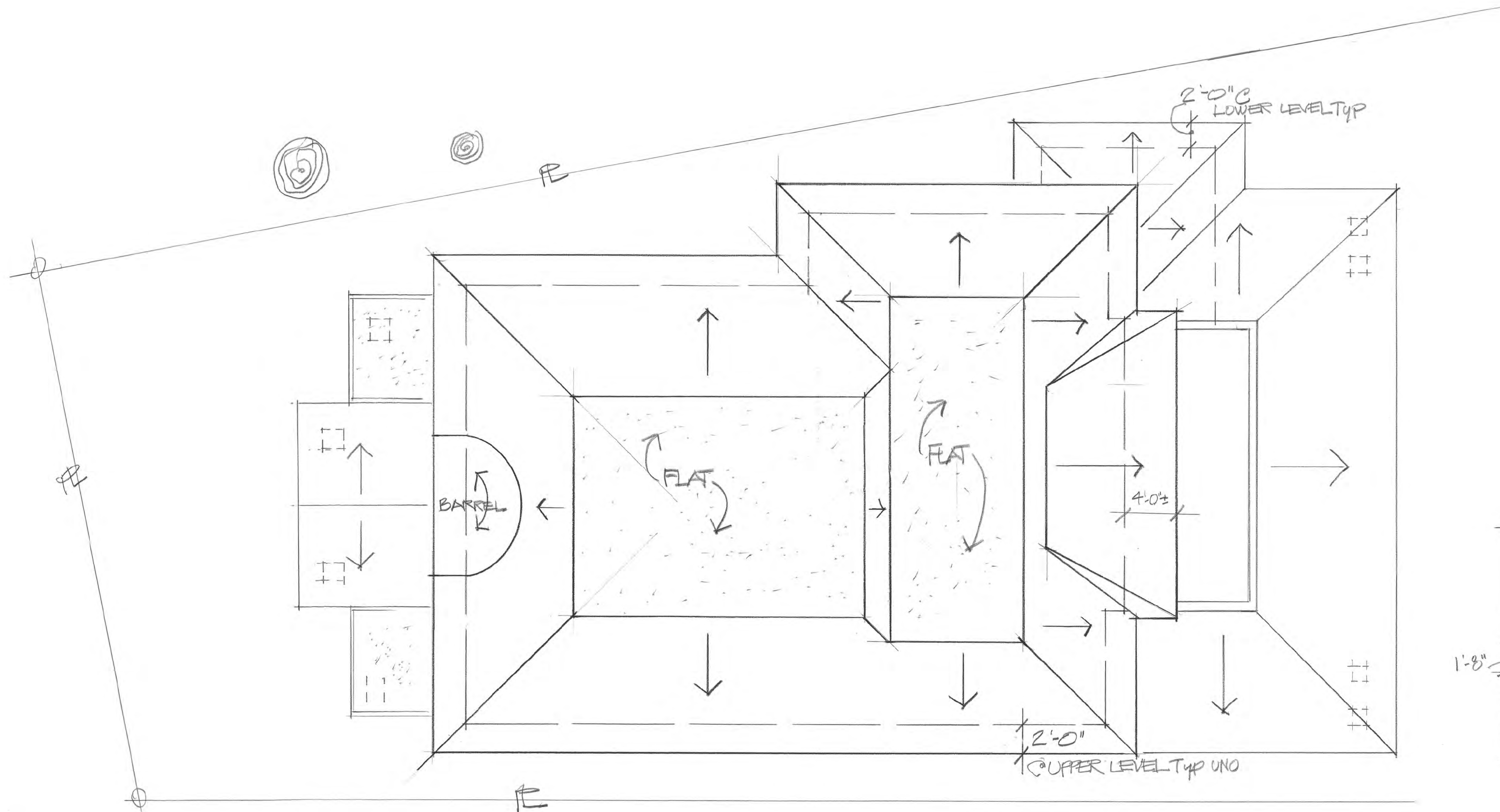
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**A-4**

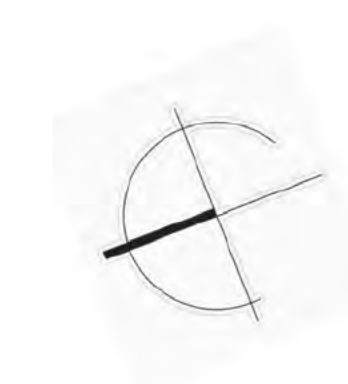


# BASEMENT / ADU FLOOR PLAN 1/4" = 1'-0"





**ROOF PLAN 1/4" = 1'-0"**



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Date :

Sheet

**A-5**



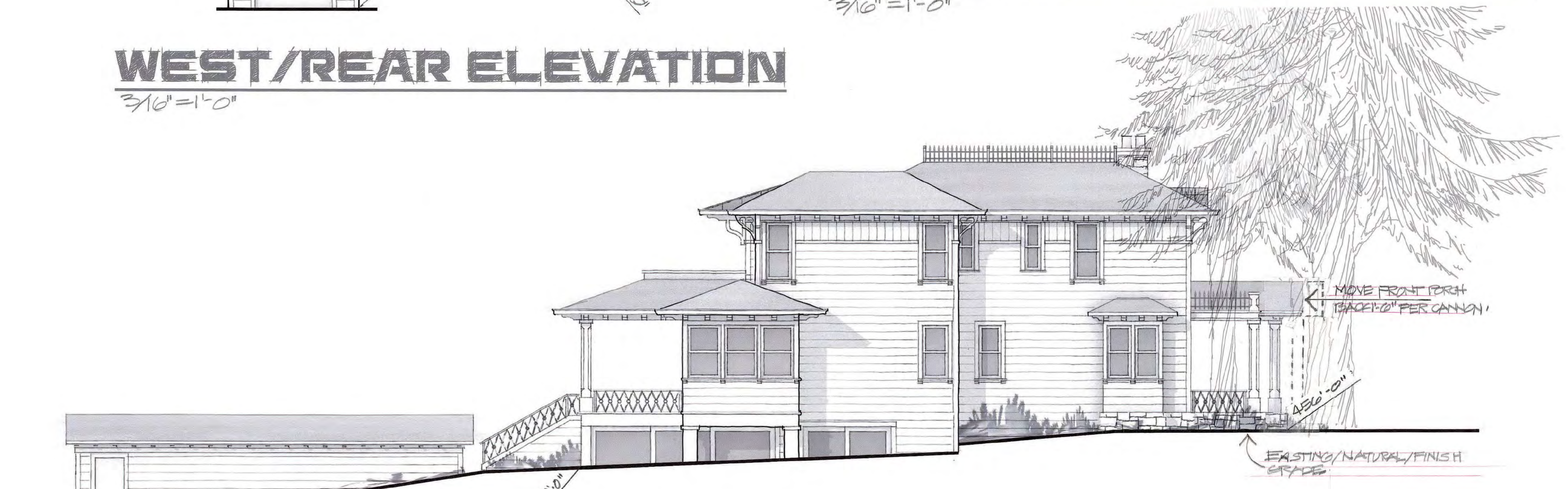
# WEST/REAR ELEVATION

3/16" = 1'-0"



# EAST/FRONT ELEVATION

3/16" = 1'-0"



# SOUTH/LEFT ELEVATIONS

3/16" = 1'-0"

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2.19.25  
1.14.25  
07.09.24

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**A-6**



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1.14.25  
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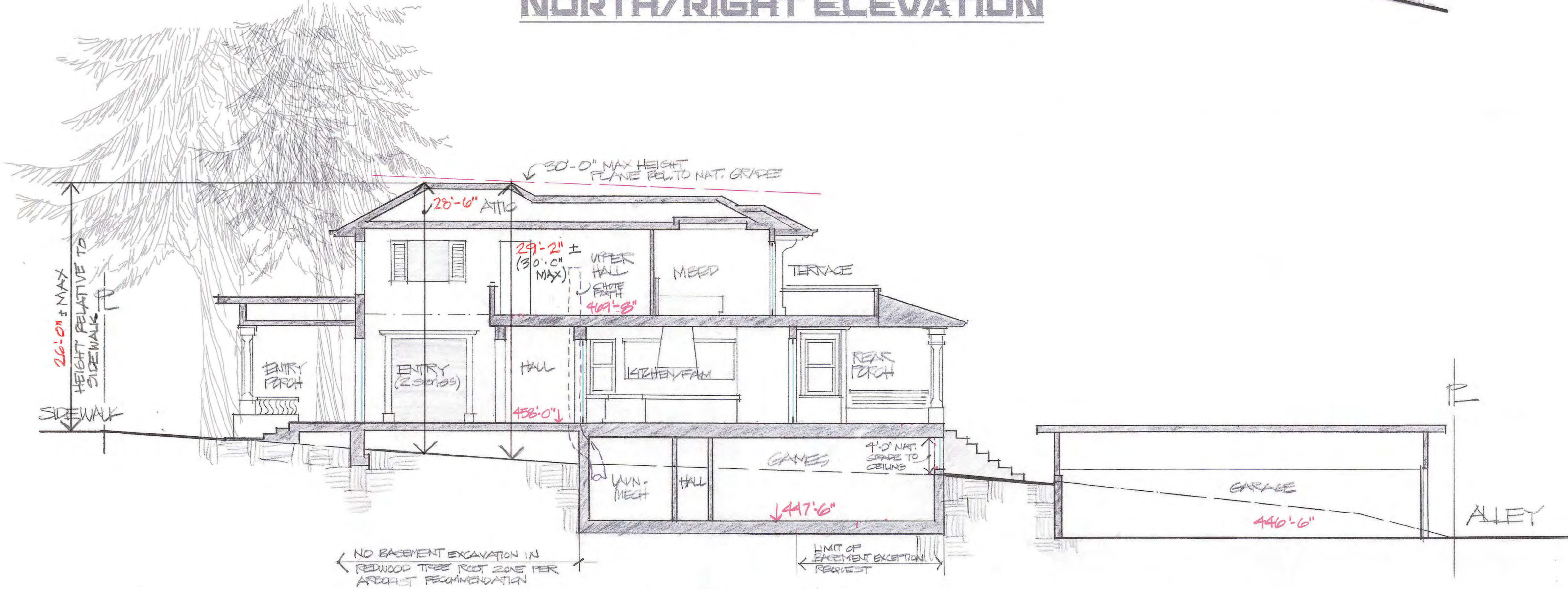
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**A-7**



**NORTH/RIGHT ELEVATION**



**SECTION A-A**

Print date :

02.19.25  
09.30.24  
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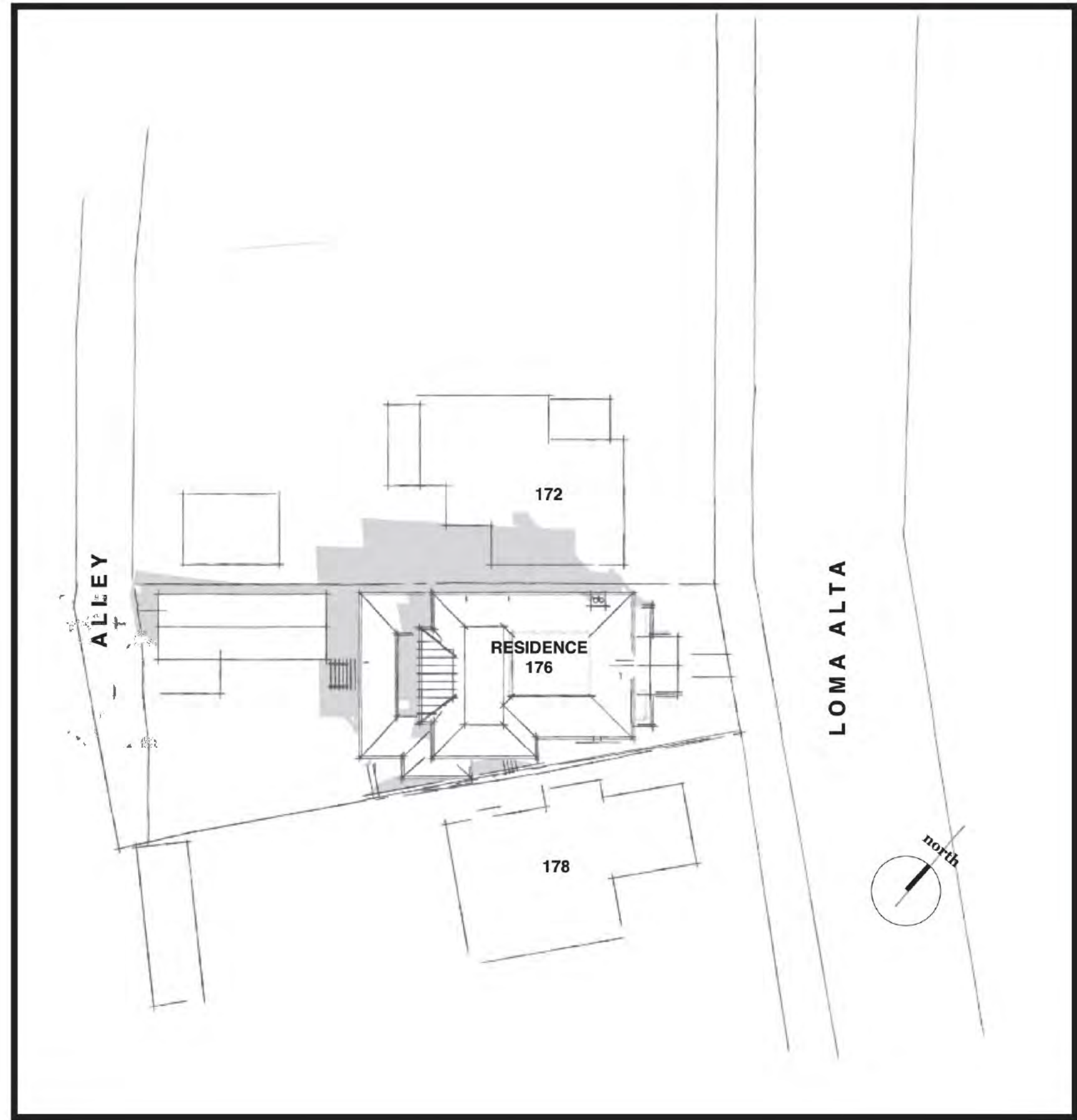
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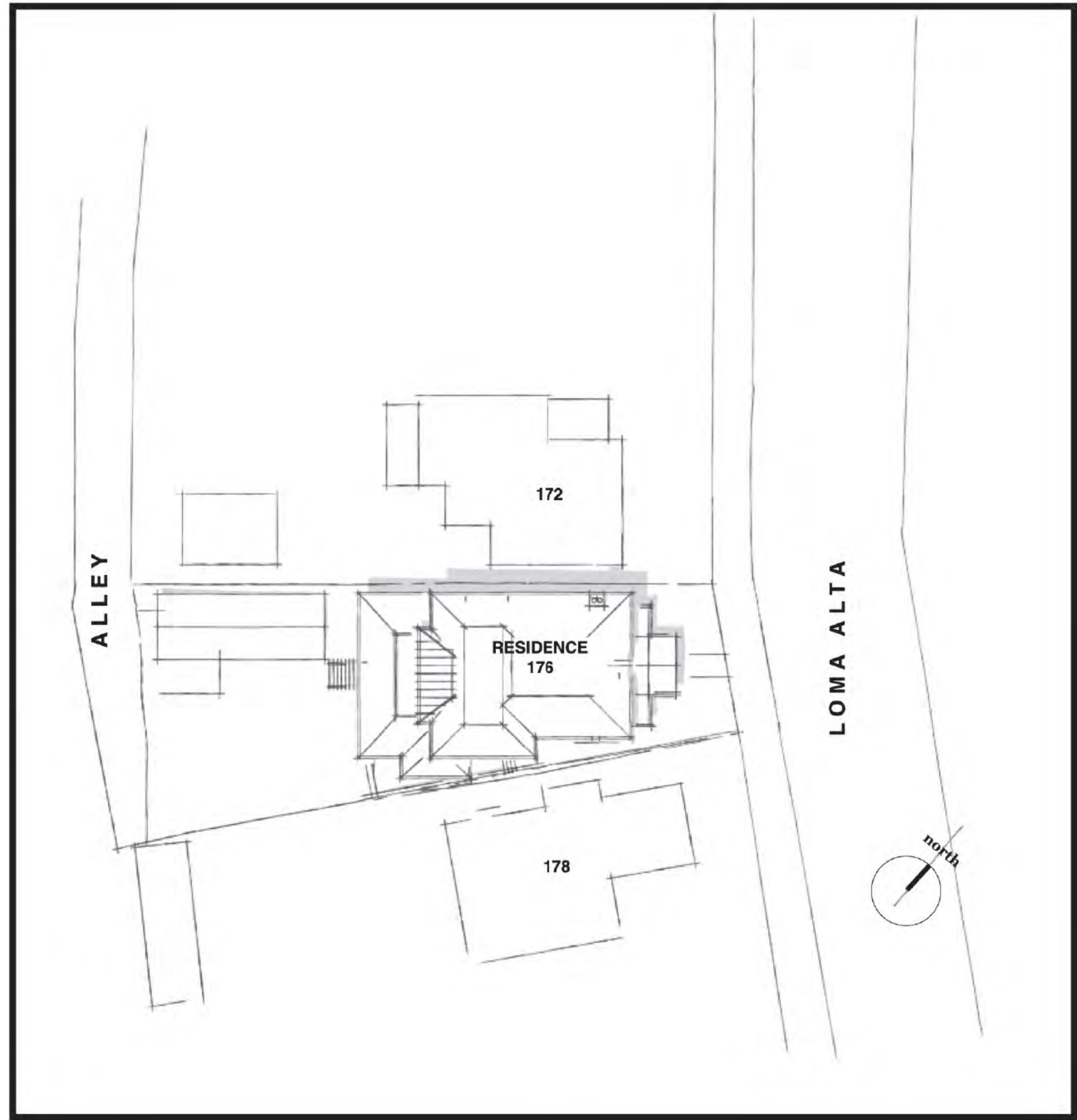
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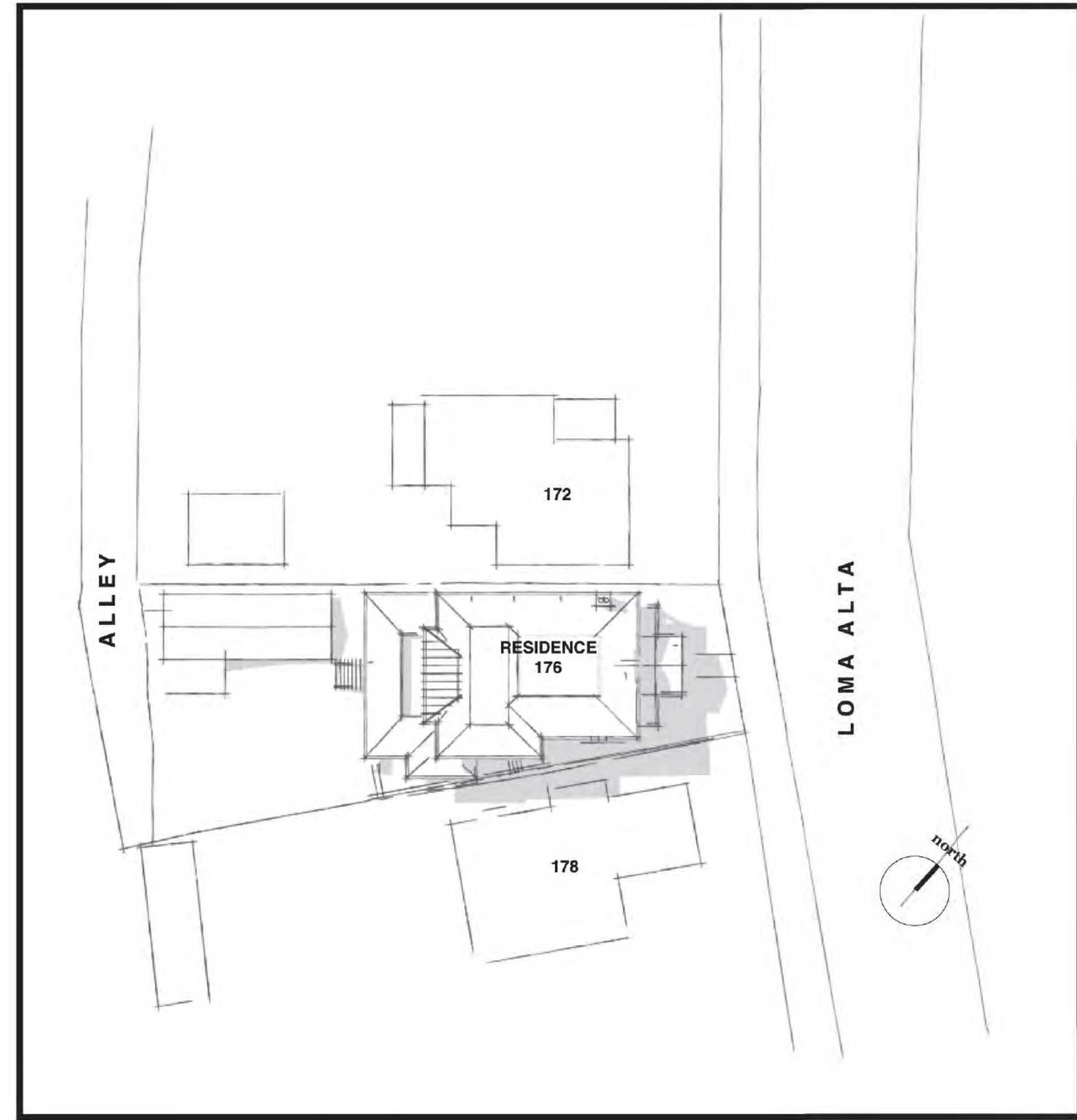
**SHW-1**



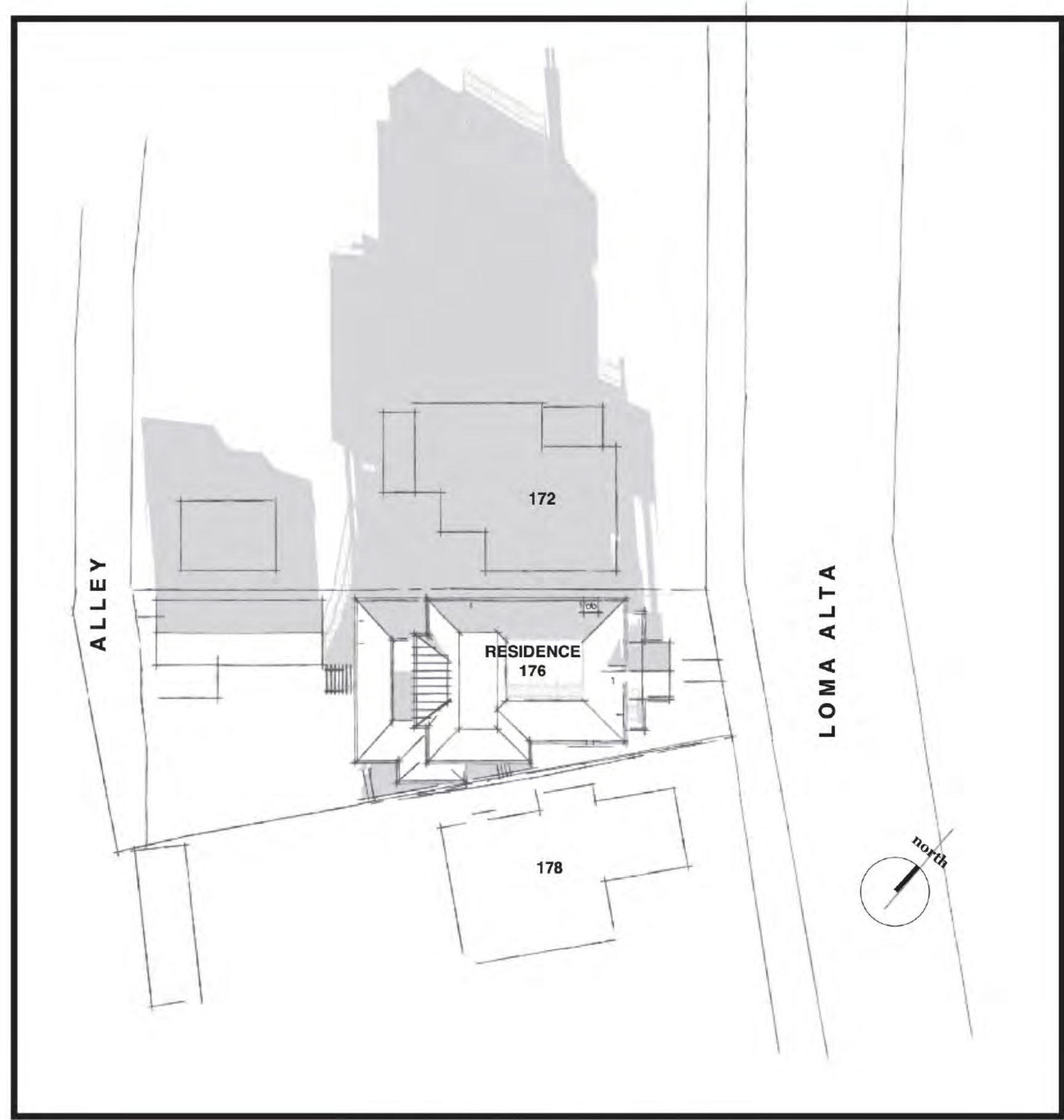
**JUNE 21 @ 9AM**



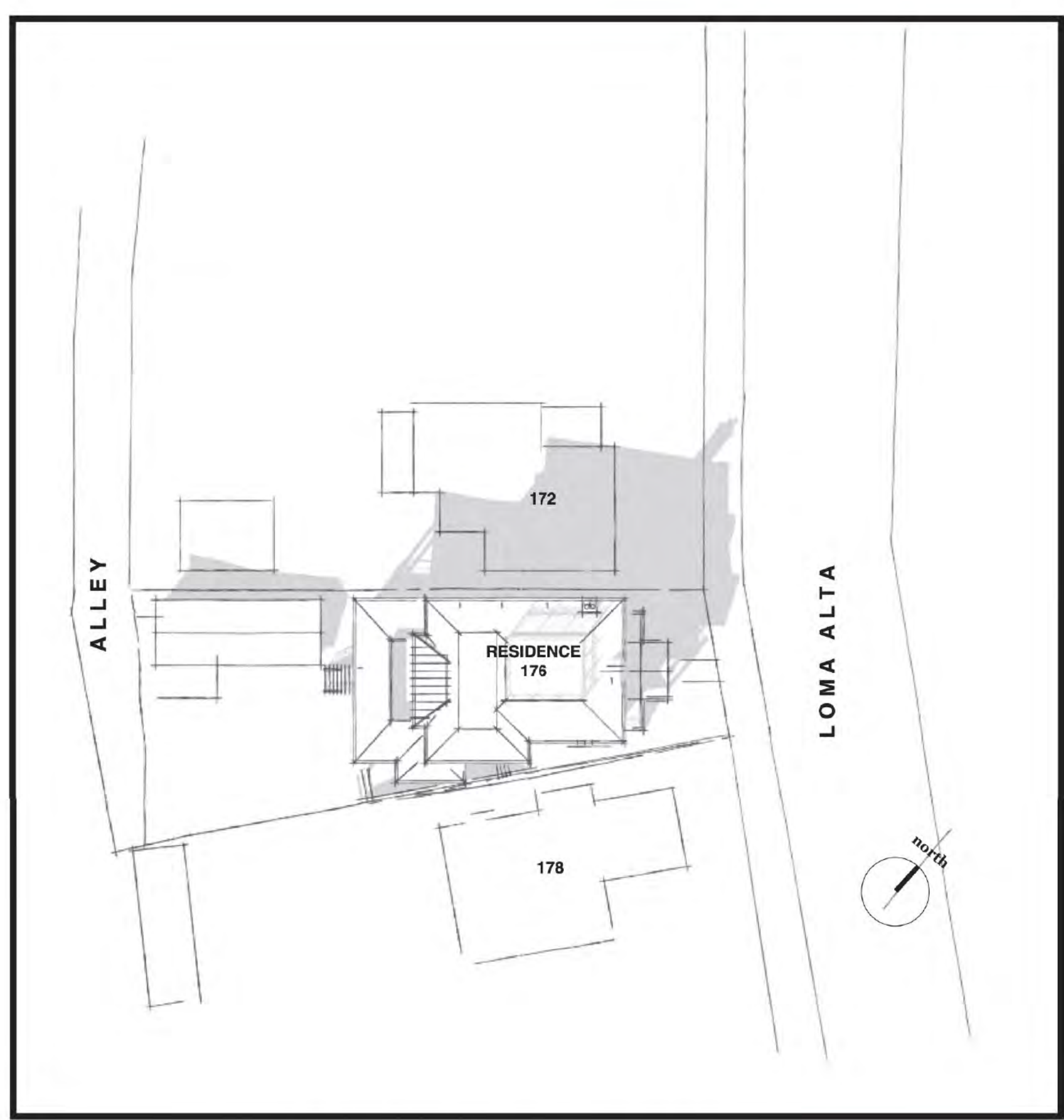
**JUNE 21 @ 12PM**



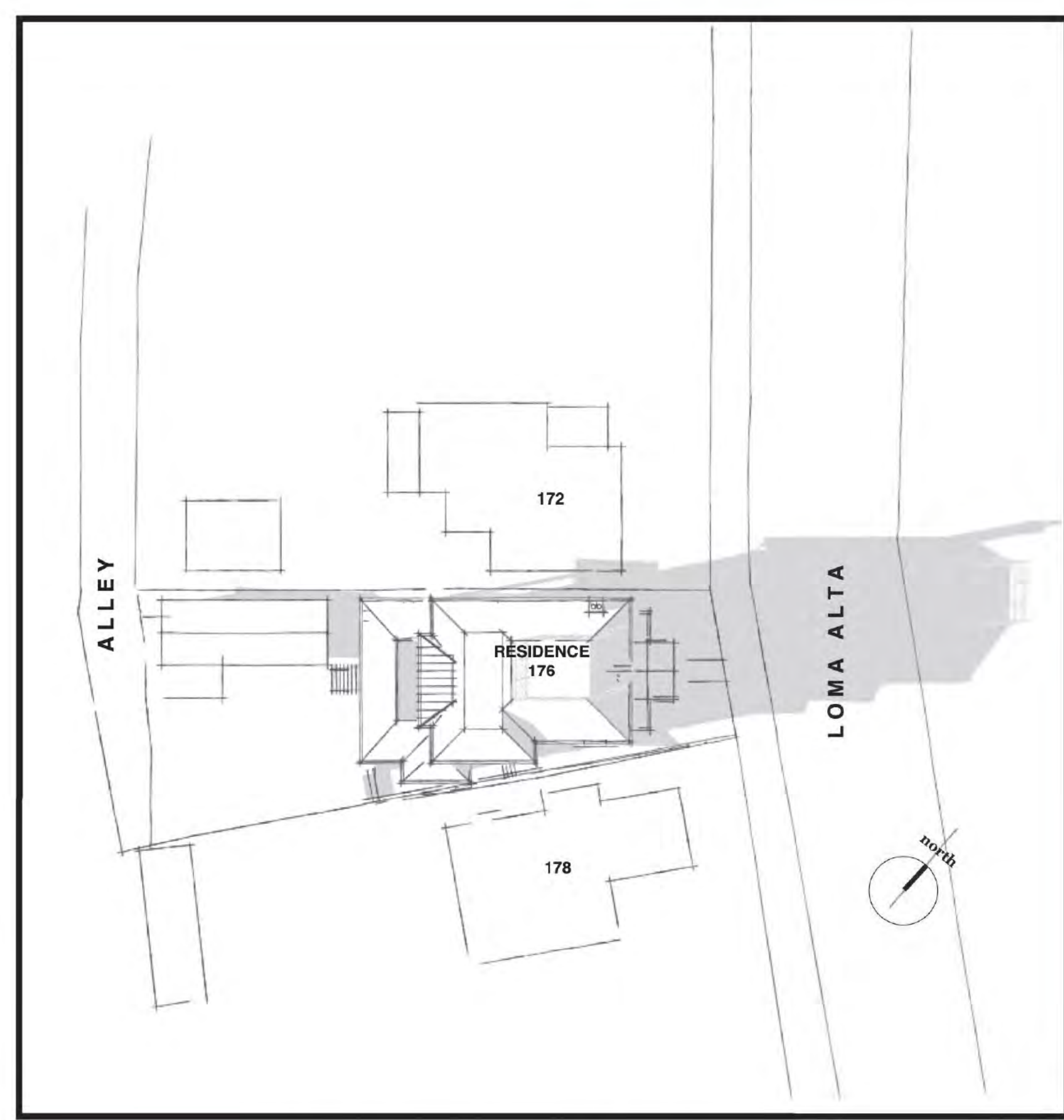
**JUNE 21 @ 3PM**



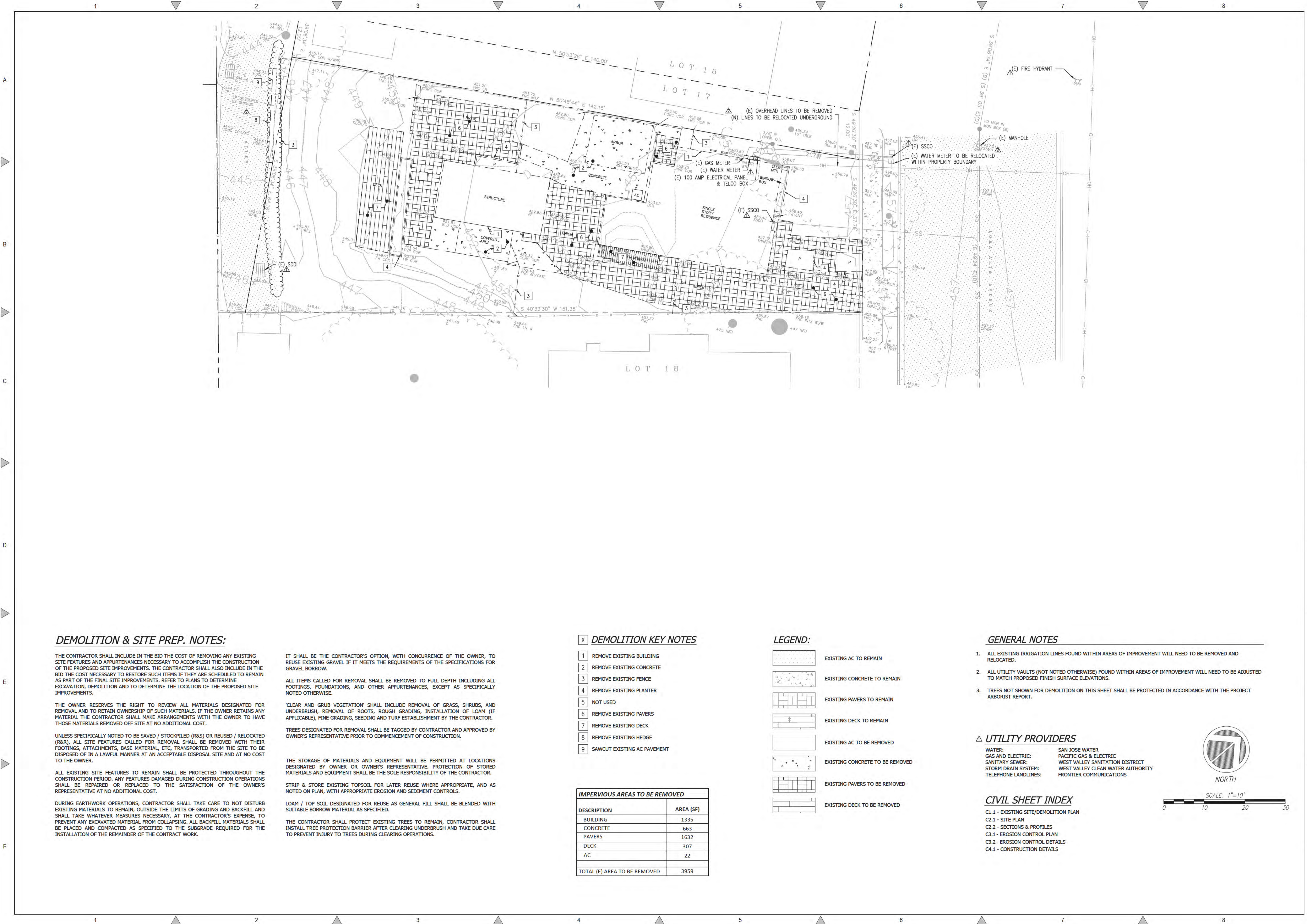
**DEC 21 @ 9AM**



**DEC 21 @ 12PM**



**DEC 21 @ 3PM**



**DEMOLITION & SITE PREP. NOTES:**

THE CONTRACTOR SHALL INCLUDE IN THE BID THE COST OF REMOVING ANY EXISTING SITE FEATURES AND APPURTENANCES NECESSARY TO ACCOMPLISH THE CONSTRUCTION OF THE PROPOSED SITE IMPROVEMENTS. THE CONTRACTOR SHALL ALSO INCLUDE IN THE BID THE COST NECESSARY TO RESTORE SUCH ITEMS IF THEY ARE SCHEDULED TO REMAIN AS PART OF THE FINAL SITE IMPROVEMENTS. REFER TO PLANS TO DETERMINE EXCAVATION, DEMOLITION AND TO DETERMINE THE LOCATION OF THE PROPOSED SITE IMPROVEMENTS.

THE OWNER RESERVES THE RIGHT TO REVIEW ALL MATERIALS DESIGNATED FOR REMOVAL AND TO RETAIN OWNERSHIP OF SUCH MATERIALS. IF THE OWNER RETAINS ANY MATERIAL THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER TO HAVE THOSE MATERIALS REMOVED OFF SITE AT NO ADDITIONAL COST.

UNLESS SPECIFICALLY NOTED TO BE SAVED / STOCKPILED (R&S) OR REUSED / RELOCATED (R&R), ALL SITE FEATURES CALLED FOR REMOVAL SHALL BE REMOVED WITH THEIR FOOTINGS, ATTACHMENTS, BASE MATERIAL, ETC., TRANSPORTED FROM THE SITE TO BE DISPOSED OF IN A LAWFUL MANNER AT AN ACCEPTABLE DISPOSAL SITE AND AT NO COST TO THE OWNER.

ALL EXISTING SITE FEATURES TO REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD. ANY FEATURES DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.

DURING EARTHWORK OPERATIONS, CONTRACTOR SHALL TAKE CARE TO NOT DISTURB EXISTING MATERIALS TO REMAIN, OUTSIDE THE LIMITS OF GRADING AND BACKFILL AND SHALL TAKE WHATEVER MEASURES NECESSARY, AT THE CONTRACTOR'S EXPENSE, TO PREVENT ANY EXCAVATED MATERIAL FROM COLLAPSING. ALL BACKFILL MATERIALS SHALL BE PLACED AND COMPACTED AS SPECIFIED TO THE SUBGRADE REQUIRED FOR THE INSTALLATION OF THE REMAINDER OF THE CONTRACT WORK.

IT SHALL BE THE CONTRACTOR'S OPTION, WITH CONCURRENCE OF THE OWNER, TO REUSE EXISTING GRAVEL IF IT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS FOR GRAVEL BORROW.

ALL ITEMS CALLED FOR REMOVAL SHALL BE REMOVED TO FULL DEPTH INCLUDING ALL FOOTINGS, FOUNDATIONS, AND OTHER APPURTENANCES, EXCEPT AS SPECIFICALLY NOTED OTHERWISE.

'CLEAR AND GRUB VEGETATION' SHALL INCLUDE REMOVAL OF GRASS, SHRUBS, AND UNDERBRUSH, REMOVAL OF ROOTS, ROUGH GRADING, INSTALLATION OF LOAM (IF APPLICABLE), FINE GRADING, SEEDING AND TURF ESTABLISHMENT BY THE CONTRACTOR.

TREES DESIGNATED FOR REMOVAL SHALL BE TAGGED BY CONTRACTOR AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE STORAGE OF MATERIALS AND EQUIPMENT WILL BE PERMITTED AT LOCATIONS DESIGNATED BY OWNER OR OWNER'S REPRESENTATIVE. PROTECTION OF STORED MATERIALS AND EQUIPMENT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

STRIP & STORE EXISTING TOPSOIL FOR LATER REUSE WHERE APPROPRIATE, AND AS NOTED ON PLAN, WITH APPROPRIATE EROSION AND SEDIMENT CONTROLS.

LOAM / TOP SOIL DESIGNATED FOR REUSE AS GENERAL FILL SHALL BE BLENDED WITH SUITABLE BORROW MATERIAL AS SPECIFIED.

THE CONTRACTOR SHALL PROTECT EXISTING TREES TO REMAIN, CONTRACTOR SHALL INSTALL TREE PROTECTION BARRIER AFTER CLEARING UNDERBRUSH AND TAKE DUE CARE TO PREVENT INJURY TO TREES DURING CLEARING OPERATIONS.

**DEMOLITION KEY NOTES**

- 1 REMOVE EXISTING BUILDING
- 2 REMOVE EXISTING CONCRETE
- 3 REMOVE EXISTING FENCE
- 4 REMOVE EXISTING PLANTER
- 5 NOT USED
- 6 REMOVE EXISTING PAVERS
- 7 REMOVE EXISTING DECK
- 8 REMOVE EXISTING HEDGE
- 9 SAWCUT EXISTING AC PAVEMENT

IMPERVIOUS AREAS TO BE REMOVED	
DESCRIPTION	AREA (SF)
BUILDING	1335
CONCRETE	663
PAVERS	1632
DECK	307
AC	22
<b>TOTAL (E) AREA TO BE REMOVED</b>	<b>3959</b>

**LEGEND:**

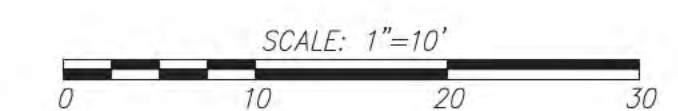
- EXISTING AC TO REMAIN
- EXISTING CONCRETE TO REMAIN
- EXISTING PAVERS TO REMAIN
- EXISTING DECK TO REMAIN
- EXISTING AC TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING PAVERS TO BE REMOVED
- EXISTING DECK TO BE REMOVED

**GENERAL NOTES**

1. ALL EXISTING IRRIGATION LINES FOUND WITHIN AREAS OF IMPROVEMENT WILL NEED TO BE REMOVED AND RELOCATED.
2. ALL UTILITY VAULTS (NOT NOTED OTHERWISE) FOUND WITHIN AREAS OF IMPROVEMENT WILL NEED TO BE ADJUSTED TO MATCH PROPOSED FINISH SURFACE ELEVATIONS.
3. TREES NOT SHOWN FOR DEMOLITION ON THIS SHEET SHALL BE PROTECTED IN ACCORDANCE WITH THE PROJECT ARBORIST REPORT.

**UTILITY PROVIDERS**

- |                      |                                   |
|----------------------|-----------------------------------|
| WATER:               | SAN JOSE WATER                    |
| GAS AND ELECTRIC:    | PACIFIC GAS & ELECTRIC            |
| SANITARY SEWER:      | WEST VALLEY SANITATION DISTRICT   |
| STORM DRAIN SYSTEM:  | WEST VALLEY CLEAN WATER AUTHORITY |
| TELEPHONE LANDLINES: | FRONTIER COMMUNICATIONS           |



**CIVIL SHEET INDEX**

- C1.1 - EXISTING SITE/DEMOLITION PLAN
- C2.1 - SITE PLAN
- C2.2 - SECTIONS & PROFILES
- C3.1 - EROSION CONTROL PLAN
- C3.2 - EROSION CONTROL DETAILS
- C4.1 - CONSTRUCTION DETAILS

REVISIONS	BY
PLAN CHECK RESPONSE 09.27.24	RK
PLAN CHECK RESPONSE 10.31.24	RK

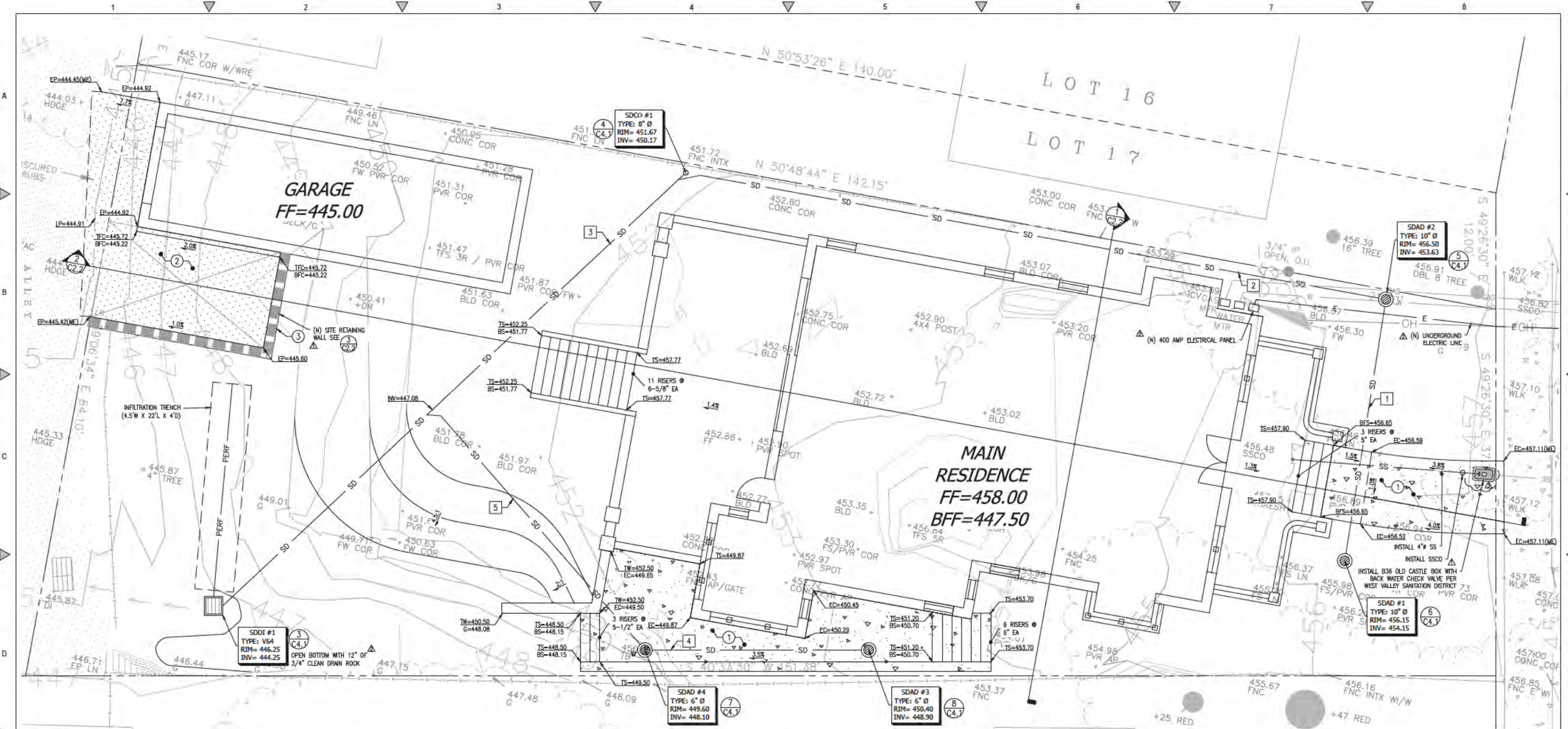
**EXISTING SITE AND DEMOLITION PLAN**



**C2G** CIVIL CONSULTANTS GROUP, INC.  
 Engineers/Planners  
 4444 Scots Valley Drive / Suite 6  
 Scots Valley, CA 95066  
 831.438.4420

**RESIDENCE**  
**176 LOMA ALTA AVENUE, LOS GATOS**  
**APN: 532-38-031**

Date:	06.18.2024
Scale:	1" = 10'
Drawn:	DD/RK
Job:	9060.01
Sheet:	C1.1
Of 6 Sheets	



**GENERAL GRADING NOTES:**

- ALL WORK SHALL BE IN ACCORDANCE WITH THE PROJECT'S GEOTECHNICAL REPORT.
- ALL AREAS TO RECEIVE FILL SHALL BE STRIPPED TO A DEPTH TO BE DETERMINED BY THE GEOTECHNICAL ENGINEER. ANY (E) A.C. OR P.C.C. PAVING SHALL BE SCARIFIED & REMOVED & SUBGRADE PREPARED & COMPACTED AS SHOWN IN THESE PLANS.
- ALL MATERIAL TO BE USED AS FILL WITHIN BUILDING PAD AREAS & PARKING OR DRIVEWAY AREAS TO BE FREE OF ALL VEGETATION & FOREIGN MATTER AND SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER.
- ALL BUILDING PADS TO BE COMPACTED TO 90% RELATIVE COMPACTION; DRIVEWAY & STREET AREAS TO BE COMPACTED TO 95% RELATIVE COMPACTION PER ASTM D1557 MOST RECENT EDITION.
- BUILDING PAD TO BE LEVEL SIDE-TO-SIDE, FRONT-TO-REAR, UNLESS OTHERWISE SHOWN.
- STRIPPINGS MAY BE PLACED IN PLANTING AREAS; ALL EXCESS STRIPPING SHALL BE HAULED OFF. PAVING DEBRIS SHALL BE HAULED OFF TO AN APPROVED DISPOSAL SITE.
- ALL WORK SHOWN OR NOTED IN THESE PLANS SHALL BE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER, ALL LOCAL, STATE AND FEDERAL MINIMUM STANDARDS AND THE LATEST EDITION OF THE UNIFORM BUILDING CODE.
- CONTRACTOR SHALL PROTECT ALL EXISTING SITE IMPROVEMENTS NOT IDENTIFIED FOR REMOVAL DURING CONSTRUCTION. CONTRACTOR SHALL REPAIR ANY DAMAGE TO AS-NEW CONDITION AT THEIR SOLE EXPENSE.
- CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, SITE DIMENSIONS AND GRADES PRIOR TO THE START OF CONSTRUCTION.
- ALL GRADING AND RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD REQUIREMENTS OF THE TOWN OF LOS GATOS.
- GRADING SLOPES FOR BOTH CUT AND FILL SHALL NOT EXCEED 2(H):1(V) UNDER 5-FEET IN HEIGHT. GRADING SLOPES GREATER THAN 5-FEET IN HEIGHT SHALL NOT EXCEED 3(H):1(V), UNLESS OTHERWISE DIRECTED BY THE GEOTECHNICAL ENGINEER.
- ALL SOFTSCAPE GRADES ADJACENT TO (N) BUILDINGS SHALL BE 8" (MIN.) BELOW FINISH FLOOR.
- CONTRACTOR SHALL GRADE TO ENSURE DRAINAGE FLOWS AWAY FROM (N) BUILDINGS.
- ALL EXCESS EARTHWORK SHALL BE PLACED ON SITE AT AN APPROVED LOCATION.

**PAVING LEGEND**

- EXISTING AC
- EXISTING CONCRETE
- PROPOSED AC
- PROPOSED CONCRETE

NEW IMPERVIOUS AREAS	
DESCRIPTION	AREA [SF]
BUILDING	3161
CONCRETE	366
AC	279
STAIR/PATIO	185
<b>TOTAL (N) IMPERVIOUS AREA</b>	<b>3991</b>
EXISTING IMPERVIOUS AREA TBR	3959
<b>NET INCREASE OF IMPERVIOUS AREA</b>	<b>32</b>
<b>TOTAL AREA OF DISTURBANCE</b>	<b>6071.82 SF</b>

**GENERAL UTILITY NOTES**

- NO CHANGE TO THE PLANS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL BY THE OWNER OR OWNERS REPRESENTATIVES AND THE CITY OF CAPITOLA.
- CONTRACTOR SHALL VERIFY LOCATIONS, ELEVATIONS AND INVERTS OF EXISTING UTILITY PRIOR TO COMMENCEMENT OF WORK AND SHALL NOTIFY OWNER OR OWNERS REPRESENTATIVES OF VARIANCE FROM THOSE SHOWN ON THE PLANS.
- UNDERGROUND FACILITIES AND UTILITIES HAVE BEEN SHOWN BASED ON RECORD DRAWINGS AND VISIBLE EVIDENCE FOUND IN FIELD. NO WARRANTY IS MADE REGARDING THE COMPLETENESS OR ACCURACY OF SUCH INFORMATION. PRIOR TO CONSTRUCTION, DETERMINE THE EXACT LOCATION OF UNDERGROUND FACILITIES AND UTILITIES, AND PRESERVE SAME FROM DAMAGE. PRIOR TO CONSTRUCTION, VERIFY LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES AT THE CROSSING POINTS WITH PROPOSED UTILITIES. THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNERS REPRESENTATIVES IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE DRAWINGS AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITION HAS BEEN EVALUATED. CONTACT UNDERGROUND SERVICES ALERT (USA) (1-800-227-2600) TWO (2) WORKING DAYS PRIOR TO DIGGING. REPAIR UNDERGROUND UTILITIES DAMAGED BY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES ASSOCIATED WITH CONTRACTOR'S FAILURE TO EXACTLY LOCATED AND PRESERVE UNDERGROUND FACILITIES AND UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH THE APPROPRIATE UTILITY COMPANIES AND/OR AGENCIES TO VERIFY THE EXISTENCE AND/OR LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK. AND SHALL NOTIFY U.S.A. @ (800) 227-2600 AT LEAST 48-HOURS IN ADVANCE OF EXCAVATION.
- IF ANY INDICATIONS OF ARCHEOLOGICAL REMAINS ARE ENCOUNTERED DURING GRADING ACTIVITIES FOR ANY DEVELOPMENT WITHIN THE PROJECT SITE, ALL WORK SHALL BE HALTED WITHIN 200 FOOT RADIUS OF THE FIND. OWNER SHALL RETAIN A QUALIFIED ARCHEOLOGIST RETAINED TO DETERMINE THE NATURE OF THE DISCOVERY AND RECOMMEND APPROPRIATE EVALUATION PROCEDURES.

**BASEMENT & GARAGE EXCAVATION**

NOTE: THE EARTHWORK QUANTITIES SHOWN HEREON ARE EXCLUSIVE OF WALL FOOTINGS, EXISTING PAVEMENT REMOVAL, AND OVER EXCAVATION AND RECONSTRUCTION, UTILITY TRENCH SPOILS & SOIL EXPANSION AND CONTRACTION FACTORS.

DESCRIPTION	CUT (cu yds)	FILL (cu yds)	NET (cu yds)	MAX CUT (ft) HEIGHT	MAX FILL (ft) HEIGHT
BASEMENT	302	0	302(C)	10.1	0
GARAGE	95	0	95(C)	7.3	0
<b>TOTAL</b>	<b>397</b>	<b>0</b>	<b>397(C)</b>		

**NET VOLUME = 397 CU.YDS. OF CUT**

THE ABOVE QUANTITIES ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE NECESSARY CUT AND FILL TO ACCOMPLISH FINISH GRADE SHOWN ON THESE PLANS.

**SITE GRADING QUANTITIES**

NOTE: THE EARTHWORK QUANTITIES SHOWN HEREON ARE EXCLUSIVE OF WALL FOOTINGS, EXISTING PAVEMENT REMOVAL, AND OVER EXCAVATION AND RECONSTRUCTION, UTILITY TRENCH SPOILS & SOIL EXPANSION AND CONTRACTION FACTORS.

DESCRIPTION	CUT (cu yds)	FILL (cu yds)	NET (cu yds)	MAX CUT (ft) HEIGHT	MAX FILL (ft) HEIGHT
DWYNY/YARD/GROTTO & LIGHT WELL	47	2	49(C)	4.3	1.6

**NET VOLUME = 49 CU.YDS. OF CUT**

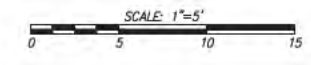
THE ABOVE QUANTITIES ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE NECESSARY CUT AND FILL TO ACCOMPLISH FINISH GRADE SHOWN ON THESE PLANS.

**IMPROVEMENT NOTES**

- (X) CONCRETE SIDEWALK SECTION PER DETAIL 1, SHEET C4.1
- (1) VEHICULAR CONCRETE SECTION PER DETAIL 2, SHEET C4.1
- (3) RETAINING WALL PER DETAIL 3, SHEET C2.2

**STORM DRAIN PIPE DATA**

- 1 26 LF OF 6" PVC SDR-35 PIPE @ 2.0% SLOPE
- 2 72 LF OF 6" PVC SDR-35 PIPE @ 4.8% SLOPE
- 3 68 LF OF 6" PVC SDR-35 PIPE @ 8.7% SLOPE
- 4 22 LF OF 6" PVC SDR-35 PIPE @ 3.7% SLOPE
- 5 33 LF OF 6" PVC SDR-35 PIPE @ 3.0% SLOPE



REVISIONS	BY
PLAN CHECK RESPONSE	RK
09.27.24	
PLAN CHECK RESPONSE	RK
10.31.24	
PLAN CHECK RESPONSE	RK
12.09.24	

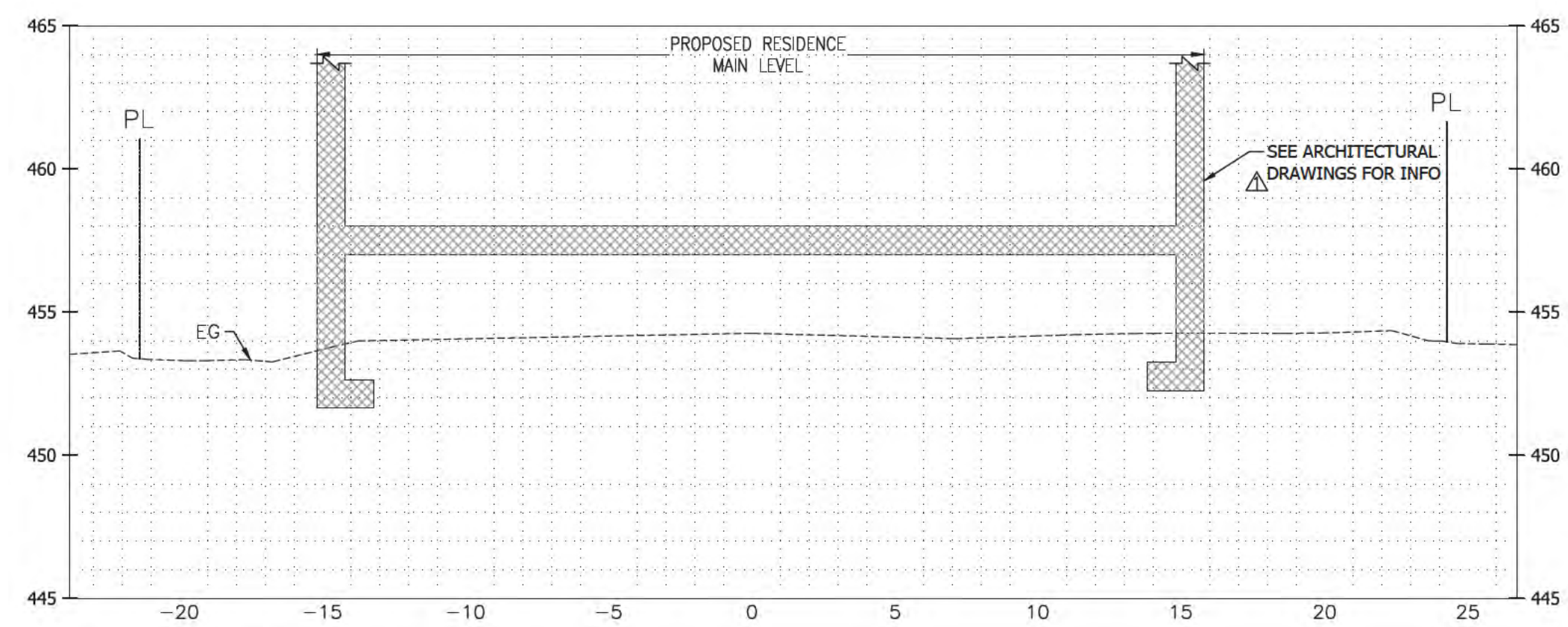
**SITE IMPROVEMENTS PLAN**



**C2G CIVIL CONSULTANTS GROUP, INC.**  
 Engineers/Planners  
 4445 Loma Alta Avenue, Suite 6  
 San Jose, CA 95128  
 831.438.4420

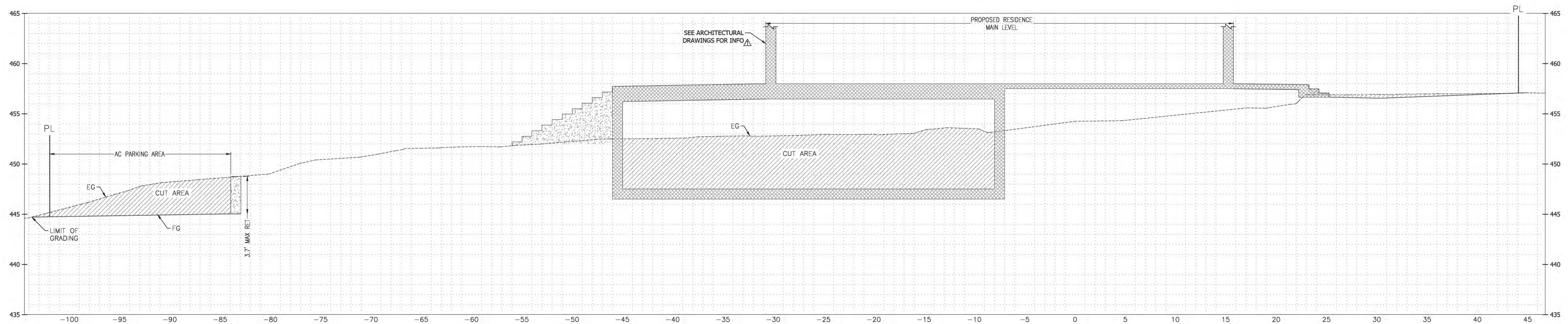
**RESIDENCE**  
**176 LOMA ALTA AVENUE, LOS GATOS**  
**APN: 532-38-031**

Date: 06.18.2024  
 Scale: 1" = 5'  
 Drawn: DD/RK  
 Job: 9060.01  
 Sheet: **C2.1**  
 Of 6 Sheets



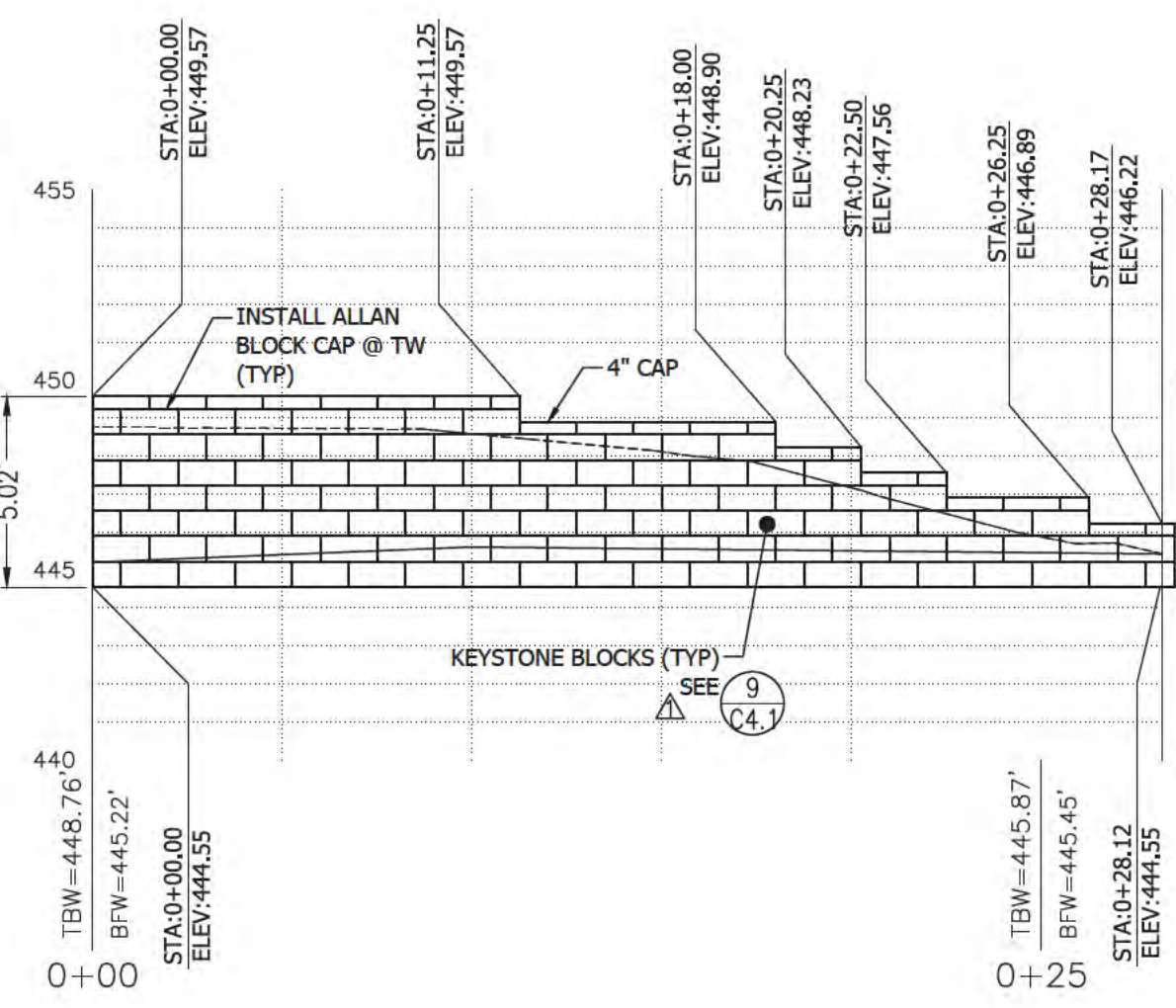
1 MAIN RESIDENCE SECTION 1

Scale: 1:5



2 MAIN RESIDENCE SECTION 2

Scale: 1:5



3 WALL PROFILE

Scale: 1:5

REVISIONS	BY
PLAN CHECK RESPONSE 09.27.24	RK

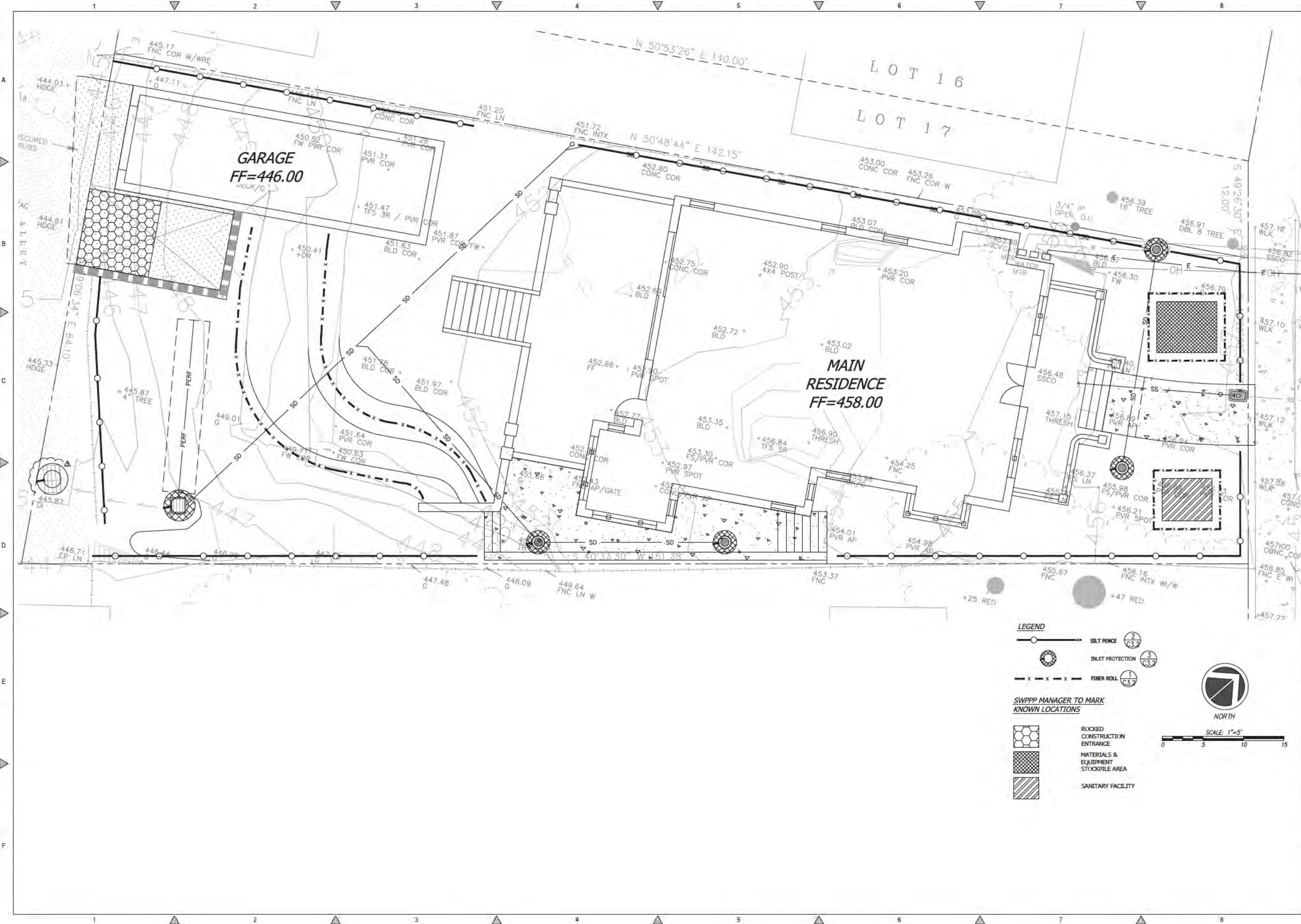
SECTIONS AND PROFILES



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 4444 Scots Valley Drive / Suite 6  
 Scots Valley, CA 95066  
 831.438.4420

**RESIDENCE**  
**176 LOMA ALTA AVENUE, LOS GATOS**  
**APN: 532-38-031**

Date:	06.18.2024
Scale:	1" = 5'
Drawn:	DD/RK
Job:	9060.01
Sheet:	C2.2
Of 6 Sheets	



REVISIONS	BY
PLAN CHECK RESPONSE 12.09.24	RK

# EROSION CONTROL PLAN



**C2G**  
**C2G CIVIL CONSULTANTS GROUP, INC.**  
 Engineers/Planners  
 4445 Elmer Avenue, Suite 6  
 Scotts Valley, CA 95066  
 831.438.4200

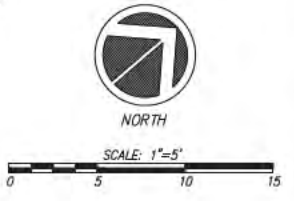
## RESIDENCE 176 LOMA ALTA AVENUE, LOS GATOS APN: 532-38-031

Date:	06.18.2024
Scale:	1" = 5'
Drawn:	DD/RK
Job:	9060.01
Sheet:	<b>C3.1</b>
Of	6 Sheets

- LEGEND**
- SILT FENCE (2/03.2)
  - INLET PROTECTION (3/03.2)
  - FIBER ROLL (1/03.2)

SWPPP MANAGER TO MARK KNOWN LOCATIONS

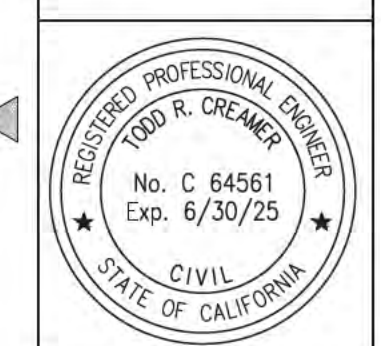
- ROCKED CONSTRUCTION ENTRANCE
- MATERIALS & EQUIPMENT STOCKPILE AREA
- SANITARY FACILITY



Drawing: 2 (Sheet) (C3.1) (06.18.2024) - EROSION CONTROL PLAN - 176 LOMA ALTA AVENUE, LOS GATOS - C3.1 - EROSION CONTROL PLAN - 176 LOMA ALTA AVENUE, LOS GATOS - C3.1 - EROSION CONTROL PLAN - 176 LOMA ALTA AVENUE, LOS GATOS - C3.1 - EROSION CONTROL PLAN

REVISIONS	BY
PLAN CHECK RESPONSE 09.27.24	RK

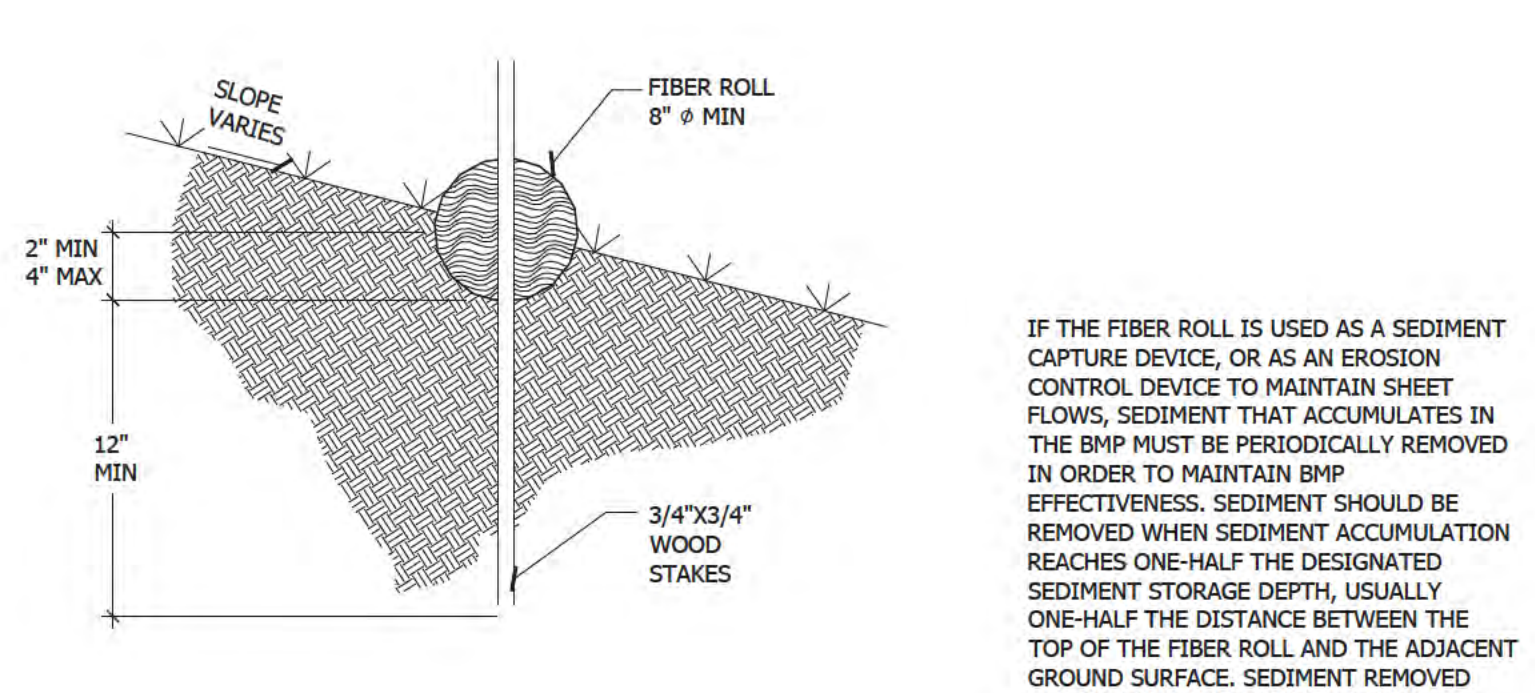
## EROSION CONTROL DETAILS



**C2G/CIVIL CONSULTANTS GROUP, INC.**  
 Engineers/Planners  
 4444 Scots Valley Drive / Suite 6  
 Scots Valley, CA 95066  
 925-438-4420

**RESIDENCE**  
**176 LOMA ALTA AVENUE, LOS GATOS**  
**APN: 532-38-031**

Date:	06.18.2024
Scale:	NTS
Drawn:	DD/RK
Job:	9060.01
Sheet:	C3.2
	Of 6 Sheets

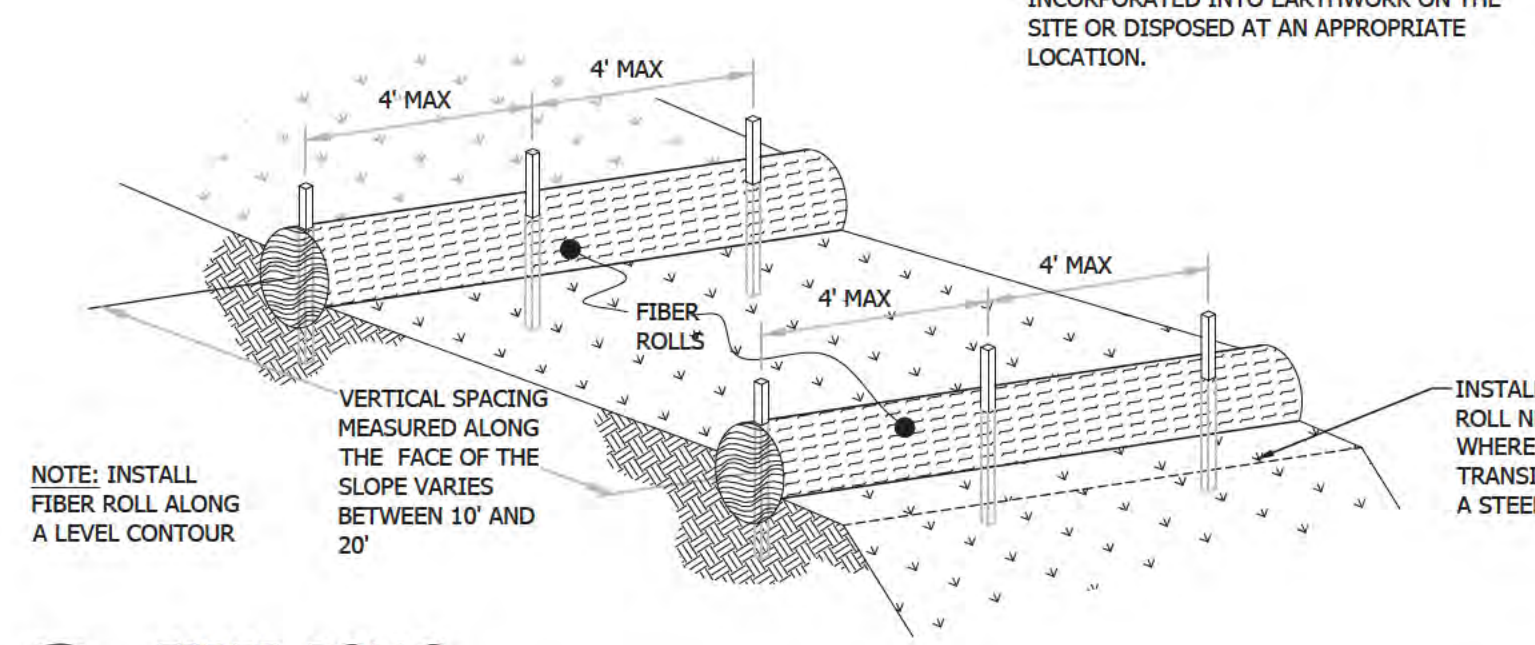


### CONSTRUCTION SPECIFICATIONS

LOCATE FIBER ROLLS ON LEVEL CONTOURS SPACED AS FOLLOWS:

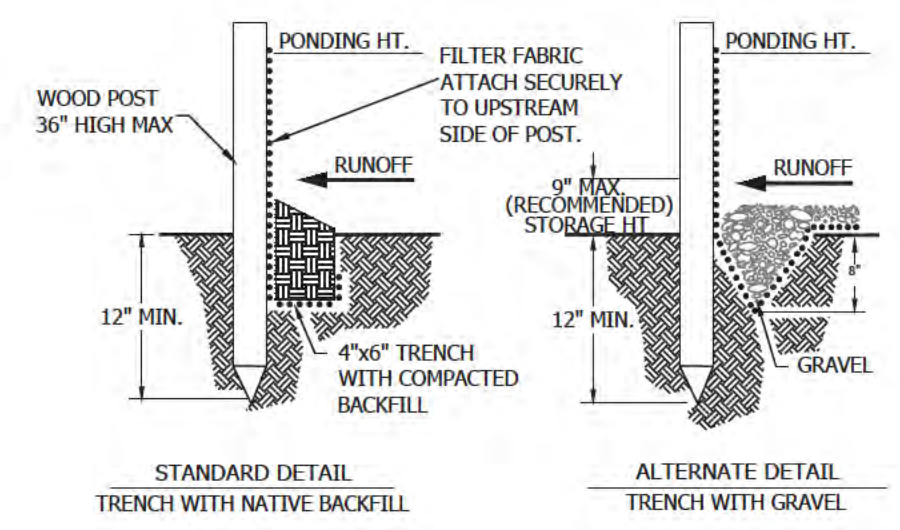
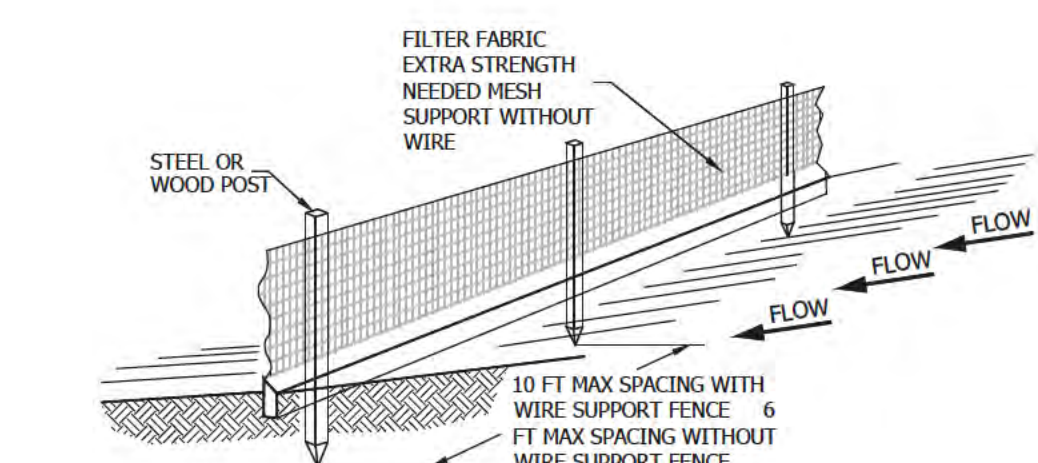
- SLOPE INCLINATION OF 4:1 (H:V) OR FLATTER: FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 20 FT.
- SLOPE INCLINATION BETWEEN 4:1 AND 2:1 (H:V) FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 15 FT. (A CLOSER SPACING IS MORE EFFECTIVE).
- SLOPE INCLINATION OF 2:1 (H:V) OR GREATER: FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 10 FT. (A CLOSER SPACING IS MORE EFFECTIVE).
- TURN THE ENDS OF THE FIBER ROLL UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE ROLL. STAKE FIBER ROLLS INTO A 2 TO 4 IN. DEEP TRENCH WITH A WIDTH EQUAL TO THE DIAMETER OF THE FIBER ROLL.
- DRIVE STAKES AT THE END OF EACH FIBER ROLL AND SPACED 4 FT MAXIMUM ON CENTER.
- USE WOOD STAKES WITH A NOMINAL CLASSIFICATION OF 0.75 BY 0.75 IN. AND A MINIMUM LENGTH OF 24 IN.
- IF MORE THAN ONE FIBER ROLL IS PLACED IN A ROW, THE ROLLS SHOULD BE OVERLAPPED, NOT ABUTTED. REPAIR OR REPLACE SPLIT, TORN, UNRAVELING OR SLUMPING FIBER ROLLS.

IF THE FIBER ROLL IS USED AS A SEDIMENT CAPTURE DEVICE, OR AS AN EROSION CONTROL DEVICE TO MAINTAIN SHEET FLOWS, SEDIMENT THAT ACCUMULATES IN THE BMP MUST BE PERIODICALLY REMOVED IN ORDER TO MAINTAIN BMP EFFECTIVENESS. SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE-HALF THE DESIGNATED SEDIMENT STORAGE DEPTH, USUALLY ONE-HALF THE DISTANCE BETWEEN THE TOP OF THE FIBER ROLL AND THE ADJACENT GROUND SURFACE. SEDIMENT REMOVED DURING THE MAINTENANCE MAY BE INCORPORATED INTO EARTHWORK ON THE SITE OR DISPOSED AT AN APPROPRIATE LOCATION.



### 1 FIBER ROLLS

Scale: NTS



### 2 SILT FENCE

Scale: NTS

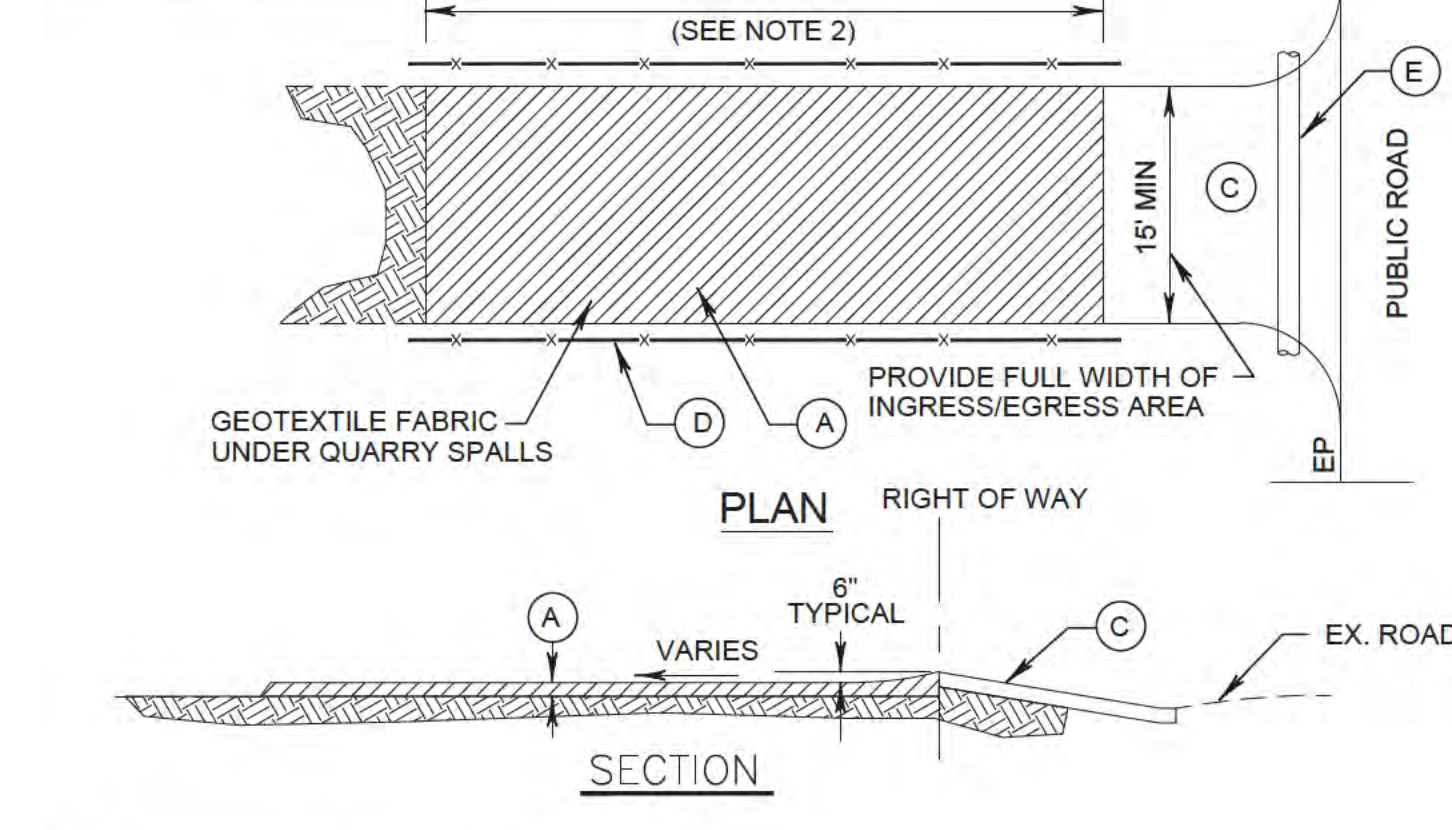
### EROSION CONTROL BMP'S

- ALL CONSTRUCTION SITES DELINEATE CLEARING LIMITS, SENSITIVE OR CRITICAL AREAS, TREES, DRAINAGE COURSES, AND BUFFER ZONES TO PREVENT EXCESSIVE OR UNNECESSARY DISTURBANCE AND EXPOSURE OF SOIL.
- IDENTIFY ALL STORM DRAINS, DRAINAGE SWALES AND CREEKS LOCATED NEAR THE CONSTRUCTION SITE AND MAKE SURE ALL SUBCONTRACTORS ARE AWARE OF THEIR LOCATIONS TO PREVENT POLLUTANTS FROM ENTERING THEM.
  - PRESERVE EXISTING VEGETATION, WHERE REQUIRED AND WHEN FEASIBLE, TO THE MAXIMUM EXTENT PRACTICABLE.
  - PHASE GRADING OPERATIONS, TO THE EXTENT POSSIBLE, TO LIMIT AREAS OF DISTURBANCE AND TIME OF EXPOSURE.
  - AVOID AND/OR MINIMIZE IMPACTS OF EXCAVATION AND GRADING DURING WET WEATHER AND IMMEDIATELY PRECEDING EXPECTED WET WEATHER.
  - MINIMIZE CUTS AND FILLS.
  - IMPLEMENT MEASURES TO MINIMIZE EROSION, MANAGE STORM WATER RUNOFF, AND PREVENT POLLUTANTS FROM CONSTRUCTION ACTIVITIES FROM ENTERING STORM DRAINS.
  - ALIGN TEMPORARY AND PERMANENT ROADS AND DRIVEWAYS ALONG SLOPE CONTOURS.
  - WASH VEHICLES AT AN APPROPRIATE OFF-SITE FACILITY. IF EQUIPMENT MUST BE WASHED ON-SITE, USE WASH DOWN AREAS DEVELOPED FOR SPECIFIC SITE REQUIREMENTS AND APPROVED BY THE CITY REPRESENTATIVE. DO NOT USE SOAPS, SOLVENTS, DEGREASERS, OR STEAM CLEANING EQUIPMENT, AND PREVENT WASH WATER FROM ENTERING STORM DRAINS.
- MINIMIZE SOIL MOVEMENT
- STOCKPILED SOIL AND MATERIALS SHOULD BE COVERED AND STABILIZED WITH TARPS, GEOTEXTILE FABRIC, HYDROSEEDING AND/OR EROSION CONTROL BLANKETS.
  - CREATE A BERM AND/OR INSTALL SILT FENCING AROUND STOCKPILED MATERIALS TO PREVENT STORM WATER RUNOFF FROM TRANSPORTING SEDIMENT OFFSITE.
  - USE STANDARD EROSION CONTROL, SEEDING, PLANTING, MULCHING, GEOTEXTILE FABRIC AND/OR EROSION CONTROL BLANKETS TO STABILIZE DISTURBED SOIL AND REDUCE THE POTENTIAL FOR EROSION.
  - USE OTHER SOIL STABILIZERS AS APPROVED BY THE CITY OF CAPITOLA.
- STRUCTURES TO CONTROL AND CONVEY RUNOFF
- CONVEY RUNOFF BY USE OF DIRT DICES, DRAINAGE SWALES AND/OR DITCHES WHEN FEASIBLE.
  - USE SLOPE DRAINS TO COLLECT AND CONVEY WATER FOR DISCHARGE BELOW SLOPES WHEN FEASIBLE.
  - USE VELOCITY DISSIPATION DEVICES, FLARED CULVERT END SECTIONS AND/OR CHECK DAMS TO REDUCE RUNOFF VELOCITY AND MITIGATE EROSION WHEN FEASIBLE.
- CAPTURE SEDIMENT
- USE TERRACING, RIPRAP, SAND BAGS, ROCKS, APPROVED TEMPORARY VEGETATION AND/OR OTHER APPROVED BMP'S ON SLOPES TO REDUCE RUNOFF VELOCITY AND TRAP SEDIMENTS. DO NOT USE ASPHALT RUBBLE OR OTHER DEMOLITION DEBRIS FOR THIS PURPOSE.
  - PROTECT STORM DRAIN INLETS FROM SEDIMENT-LOADED RUNOFF. STORM DRAIN INLET PROTECTION DEVICES INCLUDE GRAVEL BAGS, FILTER FABRIC FENCES AND BLOCK AND GRAVEL FILTERS.
- OTHER RUNOFF CONTROLS
- TEMPORARY SEDIMENT BASIN
  - SEDIMENT TRAP
  - BRUSH OR ROCK FILTER
  - SILT FENCE
  - SAND OR GRAVEL BAG BARRIER
- TRACKING CONTROL
- IMPLEMENT MEASURES AS NECESSARY TO MINIMIZE TRACKING OF SOIL OFF SITE.
  - USE DRY SWEEPING METHODS WHEN CLEANING SEDIMENTS FROM STREETS, DRIVEWAYS AND PAVED AREAS BY HAND. WHEN USING MECHANICAL STREET SWEEPERS, USE FINE WATER SPRAY TO REDUCE DUST AND IMPROVE SEDIMENT REMOVAL WHILE MINIMIZING RUNOFF.

### CEMENT AND CONCRETE WORK

- AVOID MIXING EXCESS AMOUNTS OF FRESH CONCRETE OR CEMENT MORTAR ON-SITE.
  - STORE DRY AND WET CONCRETE AND CEMENT UNDER COVER, PROTECTED FROM RAINFALL AND RUNOFF.
  - WASH OUT CONCRETE TRUCKS AND MIXERS ONLY IN DESIGNATED WASH-OUT AREAS. WHENEVER POSSIBLE, RECYCLE WASHOUT BY PUMPING BACK INTO MIXERS FOR REUSE. DO NOT DISPOSE OF WASHOUT INTO THE STREET, STORM DRAINS, DRAINAGE DITCHES, OR CREEKS. DESIGNATED WASH-OUT AREAS MUST BE MAINTAINED TO PREVENT OVER FLOW.
  - WHENEVER POSSIBLE, RETURN CONTENTS OF MIXER BARREL TO THE OFF-SITE YARD FOR RECYCLING. DISPOSE OF SMALL AMOUNTS OF EXCESS CONCRETE, GROUT, AND MORTAR IN THE TRASH.
- ROADWORK/PAVEMENT
- APPLY CONCRETE, ASPHALT, AND SEAL COAT DURING DRY WEATHER TO PREVENT CONTAMINANTS FROM CONTACTING STORMWATER RUNOFF.
  - COVER STORM DRAIN INLETS AND MANHOLES WHEN PAVING OR APPLYING SEAL COAT, SLURRY SEAL, FOG SEAL, AND SIMILAR MATERIALS.
  - ALWAYS PARK PAVING MACHINES OVER DRIP PANS OR ABSORBENT MATERIALS, SINCE THEY TEND TO DRIP CONTINUOUSLY.
  - WHEN MAKING SAW-CUTS IN PAVEMENT, USE AS LITTLE WATER AS POSSIBLE. COVER POTENTIALLY AFFECTED STORM DRAIN INLETS COMPLETELY WITH FILTER FABRIC DURING THE SAWING OPERATION AND CONTAIN THE SLURRY BY WET-VACUUMING, OR BY PLACING STRAW BALES, SANDBAGS, OR GRAVEL DAMS AROUND THE CATCH BASINS. AFTER THE LIQUID DRAINS OR EVAPORATES, SHOVEL OR VACUUM THE SLURRY RESIDUE FROM THE PAVEMENT OR GUTTER AND REMOVE FROM SITE.
  - WASH DOWN EXPOSED AGGREGATE CONCRETE ONLY WHEN THE WASH WATER CAN: (1) FLOW ONTO A DIRT AREA; (2) DRAIN ONTO A BERMED SURFACE FROM WHICH IT CAN BE PUMPED AND DISPOSED OF PROPERLY; OR (3) BE VACUUMED FROM THE AREA ALONG THE CURB WHERE SEDIMENT HAS ACCUMULATED BY BLOCKING A STORM DRAIN INLET.
  - ALLOW AGGREGATE RINSE TO SETTLE, AND PUMP THE WATER TO THE SANITARY SEWER IF ALLOWED BY YOUR LOCAL WASTEWATER AUTHORITY.
  - DO NOT WASH SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO A STREET OR STORM DRAIN. COLLECT AND RETURN TO APPROPRIATE BASE STOCKPILE, OR DISPOSE WITH TRASH.
  - RECYCLE BROKEN CONCRETE AND ASPHALT.
- HAZARDOUS MATERIAL SPILL PREVENTION, SPILL REPORTING AND RESPONSE
- ALL HAZARDOUS MATERIALS SHALL BE STORED SO THAT THEY ARE PROTECTED FROM INELEMNT WEATHER AND VANDALISM.
  - MOTOR VEHICLES SHALL NOT BE FUELED ON THE PROJECT SITE.
  - SPILL CONTAINMENT MEASURES MUST BE MADE PRIOR TO FUELING WHEN FUELING EQUIPMENT OTHER THAN MOTOR VEHICLES.
  - VEHICLE MAINTENANCE, OTHER THAN EMERGENCY REPAIRS, SHALL NOT BE PERFORMED ON THE PROJECT SITE.
  - APPROPRIATE EMERGENCY SPILL CONTAINMENT SUPPLIES SHALL BE MAINTAINED ON SITE BY THE CONTRACTOR.
  - SPILLS GREATER THAN ONE QUART SHALL BE IMMEDIATELY REPORTED TO THE CITY'S REPRESENTATIVE AND COUNTY INSPECTOR.
  - SPILLS SHALL BE DIKED OR CONTAINED BY TRAINED PERSONNEL TO PREVENT THE SPILLED HAZARDOUS MATERIAL FROM ENTERING THE STORM WATER SYSTEM OR LEAVING THE PROJECT SITE.
  - SPILLS OF LESS THAN FIVE (5) GALLONS SHALL BE ABSORBED USING AN APPROPRIATE MATERIAL. ALL CONTAMINATED MATERIALS SHALL BE CONTAINED, REMOVED FROM THE JOBSITE AND DISPOSED IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
  - SPILLS IN EXCESS OF FIVE (5) GALLONS SHALL BE ABSORBED USING AN APPROPRIATE MATERIAL AND PLACED IN CONTAINERS UNDER THE DIRECTION OF THE COUNTY OFFICE OF ENVIRONMENTAL HEALTH AND SAFETY.
  - ANY CONTAMINATED SOIL SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH ACCEPTABLE FRESH SOIL.
  - RESPONSE SHALL BE CARRIED OUT BY APPROPRIATELY TRAINED PERSONNEL UTILIZING SAFE PRACTICES.
- GOOD HOUSEKEEPING PRACTICES
- DO NOT WASH DOWN PAVEMENT OR SURFACES WHERE SILT HAS BEEN DEPOSITED OR MATERIALS HAVE SPILLED. USE DRY CLEANUP METHODS.
  - AVOID CONTAMINATING CLEAN RUNOFF FROM AREAS ADJACENT TO YOUR SITE BY USING BERMS AND/OR TEMPORARY OR PERMANENT DRAINAGE DITCHES TO DIVERT WATER FLOW AROUND THE SITE.
  - COVER EXPOSED PILES OF SOIL, CONSTRUCTION MATERIALS AND WASTES WITH PLASTIC SHEETING OR TEMPORARY ROOFS. BEFORE IT RAINS, SWEEP AND REMOVE MATERIALS FROM SURFACES THAT DRAIN TO STORM DRAINS, CREEKS, OR CHANNELS.
  - PLACE TRASH CANS AROUND THE SITE TO REDUCE POTENTIAL LITTER. DISPOSE OF NON-HAZARDOUS CONSTRUCTION WASTES IN COVERED DUMPSTERS OR RECYCLING RECEPTACLES. RECYCLE LEFTOVER MATERIALS WHENEVER POSSIBLE.
  - DISPOSE OF ALL WASTES PROPERLY. MATERIALS THAT CAN NOT BE REUSED OR RECYCLED MUST BE TAKEN TO AN APPROPRIATE LANDFILL OR DISPOSED OF AS HAZARDOUS WASTE, AS APPROPRIATE.
  - COVER OPEN DUMPSTERS WITH PLASTIC SHEETING OR A TARP DURING RAINY WEATHER. SECURE THE SHEETING OR TARP AROUND THE OUTSIDE OF THE DUMPSTER. IF THE DUMPSTER HAS A COVER, CLOSE IT.
  - TRAIN YOUR EMPLOYEES AND INFORM CONTRACTORS AND SUBCONTRACTORS ABOUT STORM WATER MANAGEMENT REQUIREMENTS AND THEIR RESPONSIBILITIES FOR COMPLIANCE.

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



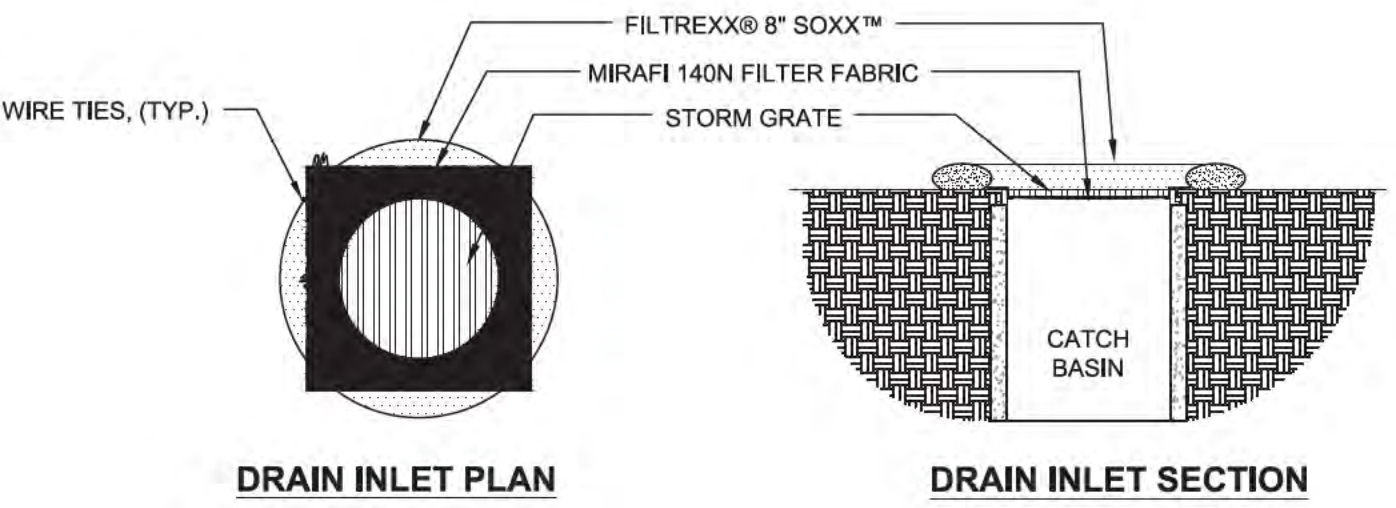
- (A) 4" CRUSHED ROCK WITH GEOTEXTILE MATERIAL UNDERNEATH.
- (B) THE MINIMUM LENGTH SHALL BE LENGTHENED AS NECESSARY TO ENSURE MATERIAL IS NOT TRACKED INTO THE PUBLIC RIGHT-OF-WAY. ALTERNATIVE CONSTRUCTION ENTRANCES WILL BE ALLOWED WITH THE APPROVAL OF THE CITY ENGINEER ON A CASE BY CASE BASIS, WHERE PHYSICAL SITE CONDITIONS AND SIZE DICTATE.
- (C) ATB DRIVEWAY RAMP, OR SITE ACCESS ROAD 20' WIDE MIN. SEE TABLE ABOVE FOR REQUIRED LENGTH.
- (D) INSTALL ORANGE BARRIER FENCE TO DIRECT TRAFFIC ONTO CONSTRUCTION ENTRANCE.
- (E) INSTALL A 12" MIN. DIA. CULVERT IF A ROADSIDE DITCH IS PRESENT.

### NOTES:

- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING AND REPAIR AND/OR CLEAN-OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR 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.

### 4 STABILIZED CONSTRUCTION ENTRANCE (ST-250)

Scale: NTS



DRAIN INLET PLAN

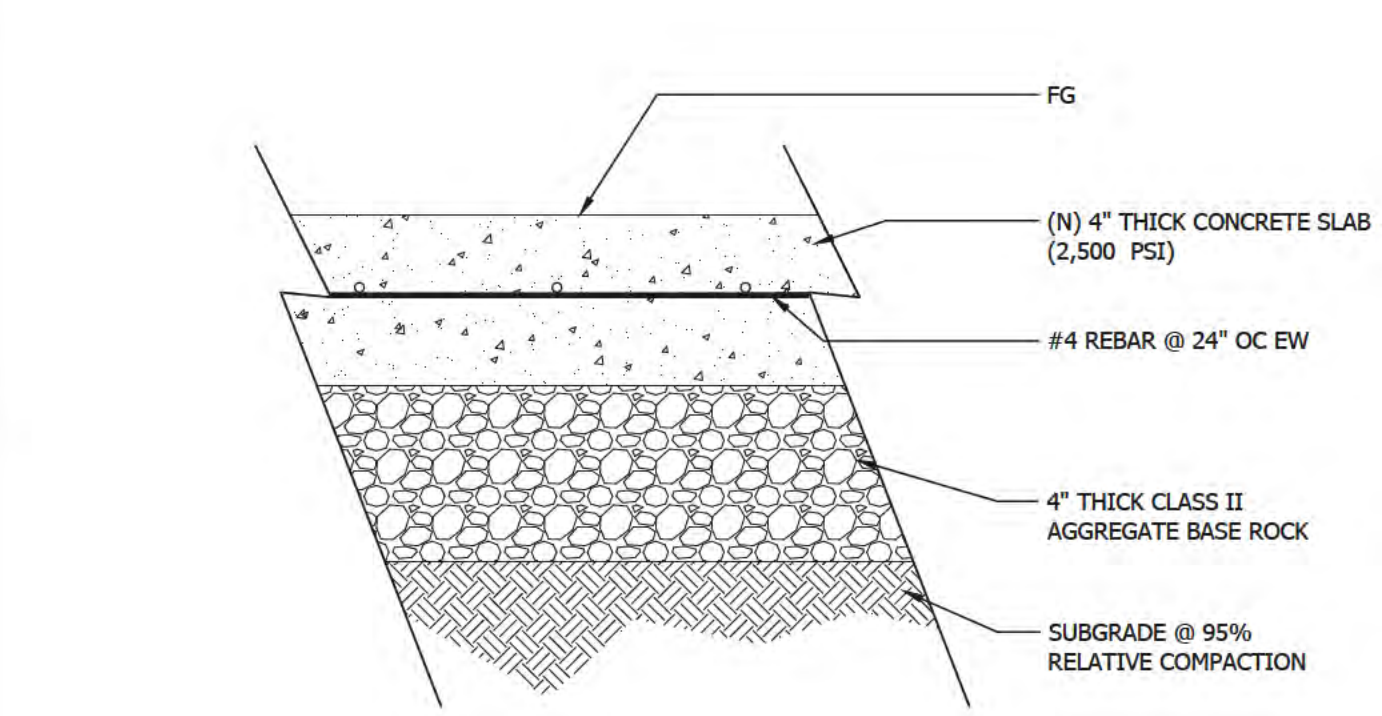
DRAIN INLET SECTION

### NOTES:

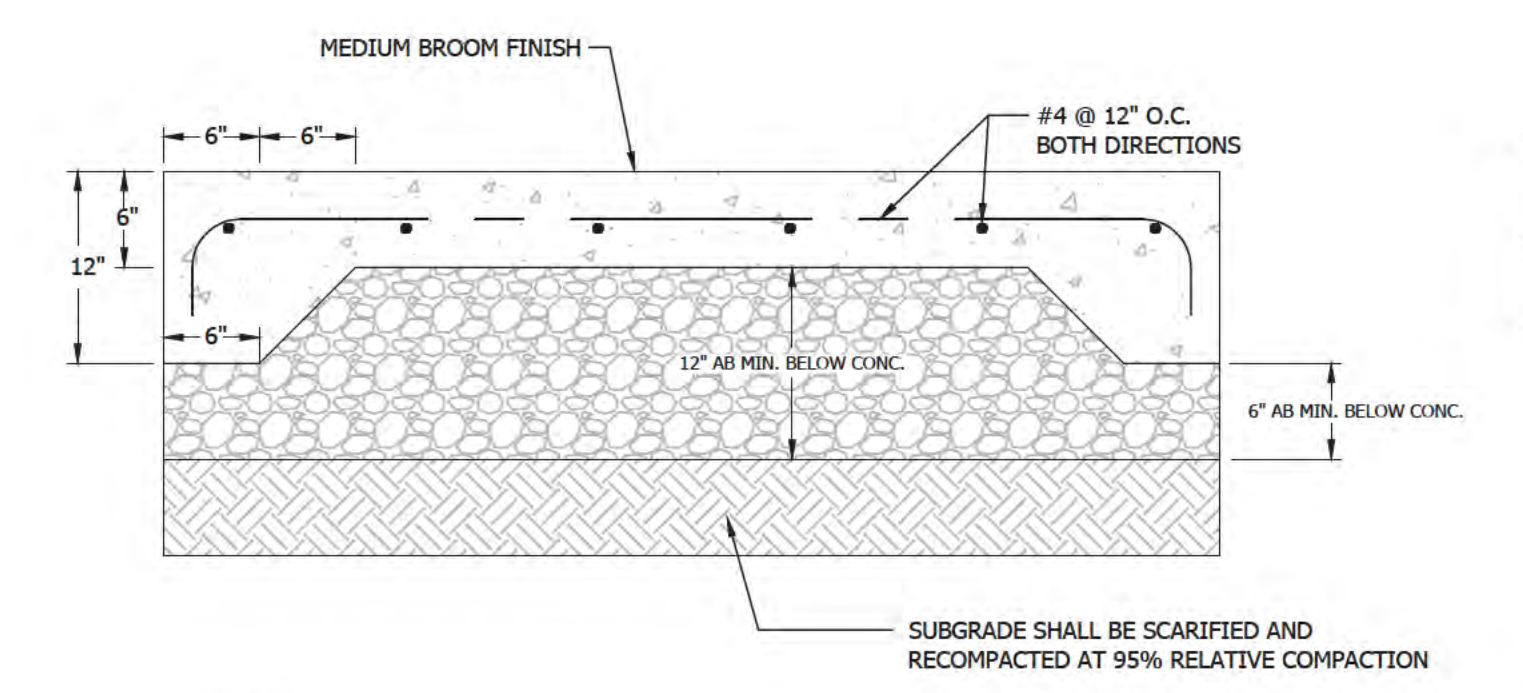
- ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
- FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS.
- COMPOST MATERIAL TO BE DISPENSED ON SITE, AS DETERMINED BY ENGINEER.
- CONTRACTOR SHALL EXTEND MIRAFIX 140N FABRIC 6" BEYOND CATCH BASIN AFTER PLACEMENT OF GRATE
- CONTRACTOR SHALL REMOVE ALL FILTER FABRIC FROM ALL STORM DRAIN INLETS UPON COMPLETION OF PROJECT

### 3 FILTREXX® INLET PROTECTION

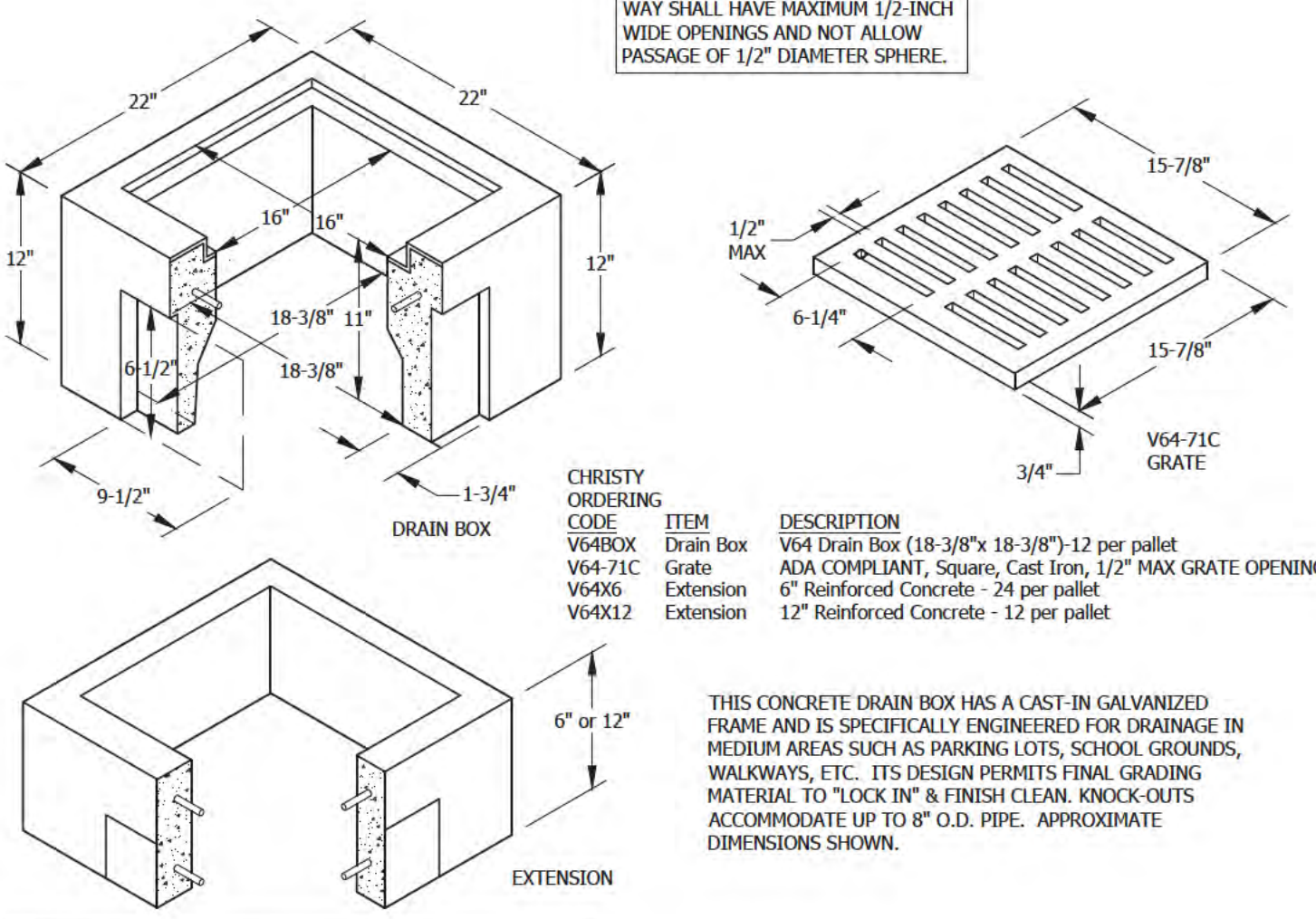
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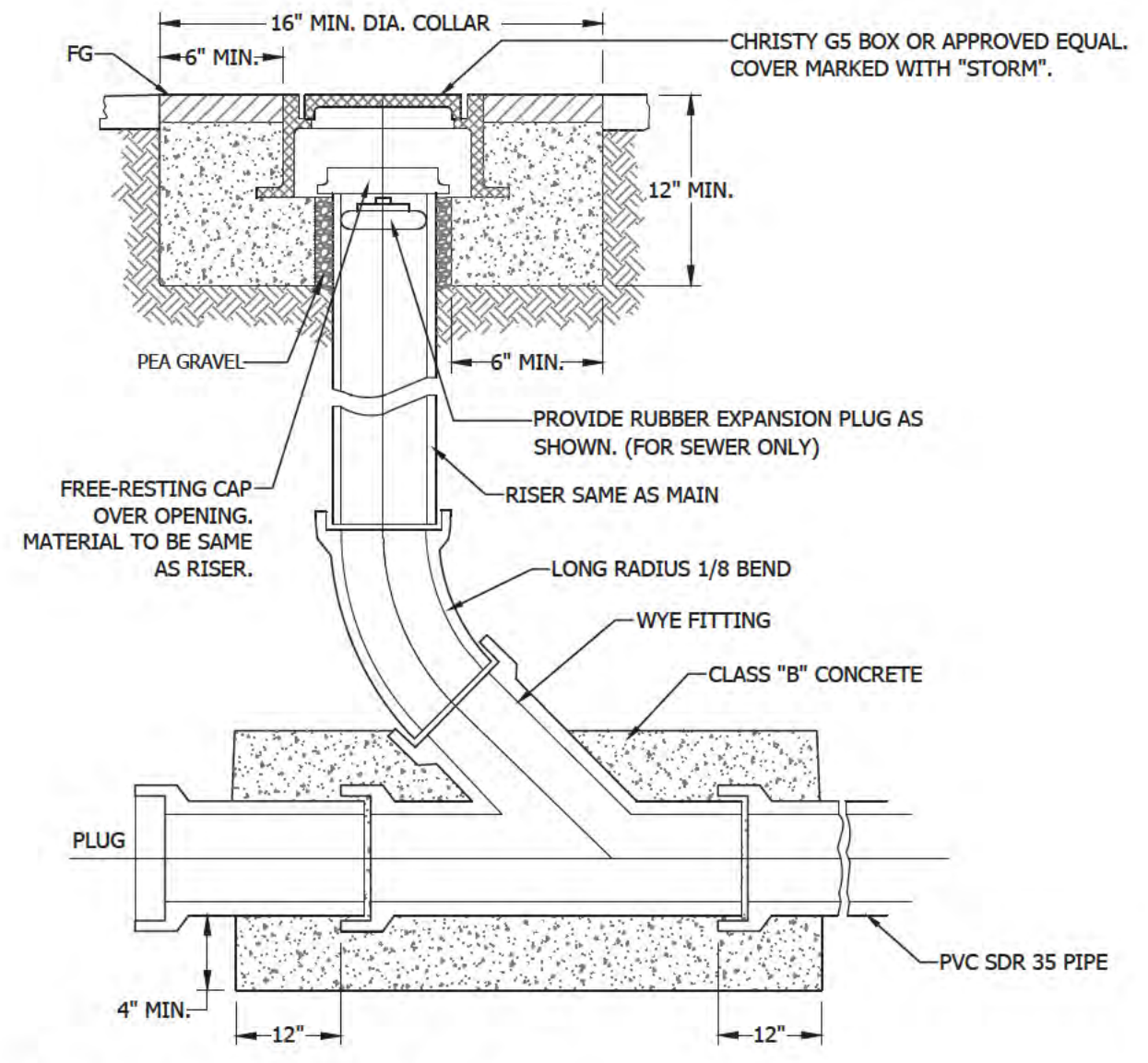
1 CONCRETE SIDEWALK SECTION Scale: NTS



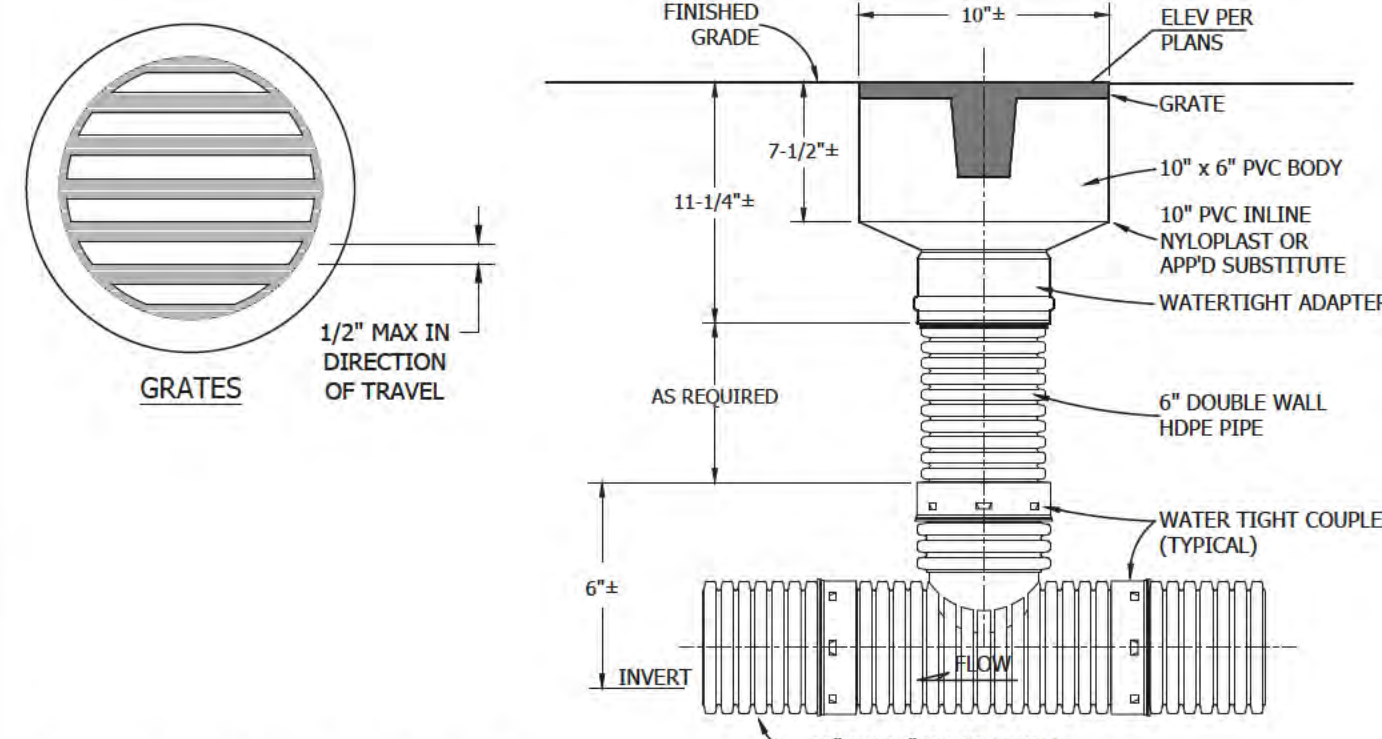
2 VEHICULAR CONCRETE SECTION Scale: NTS



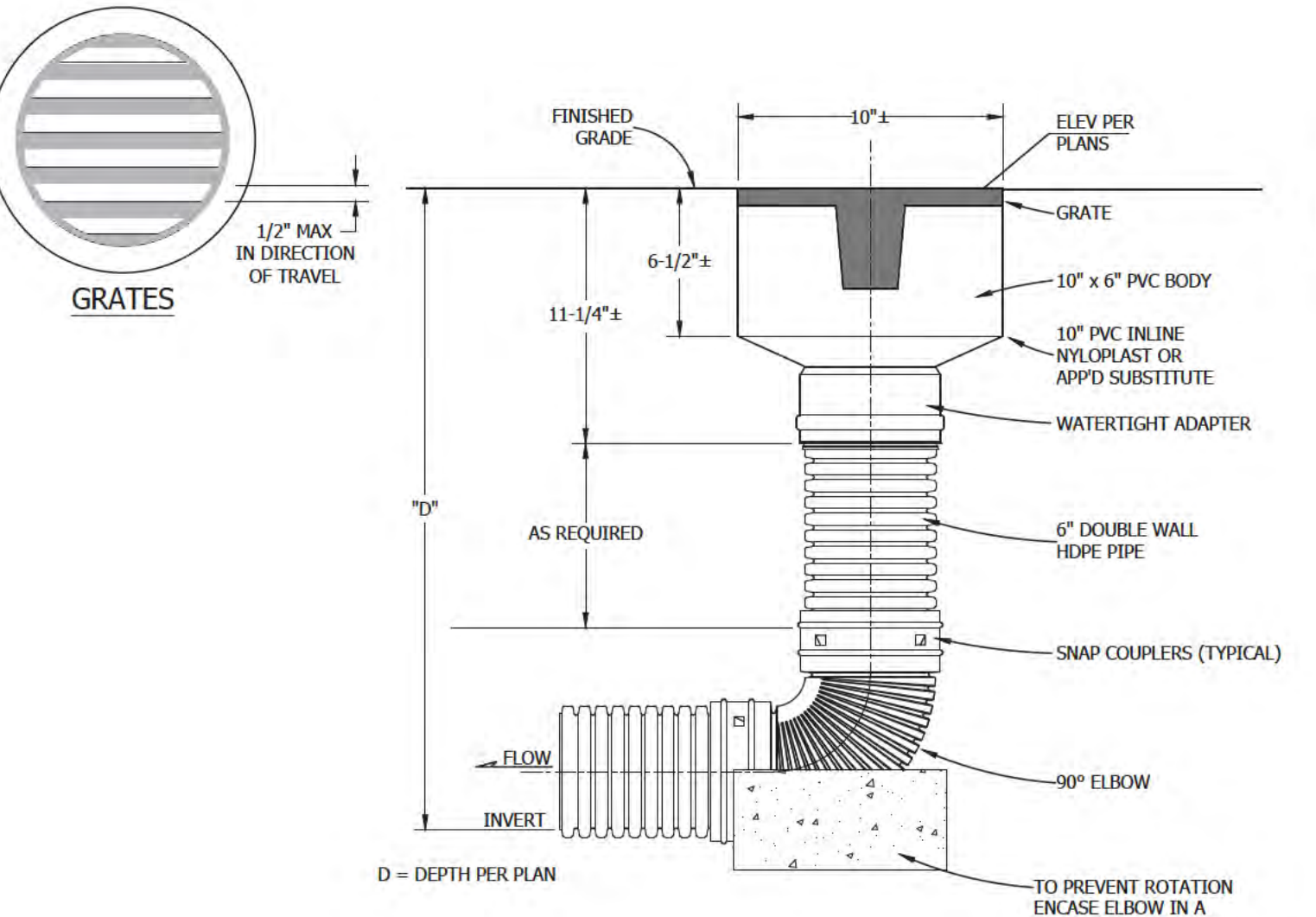
3 V64 CHRISTY BOX 22"x22" STORM DRAIN INLET Scale: NTS



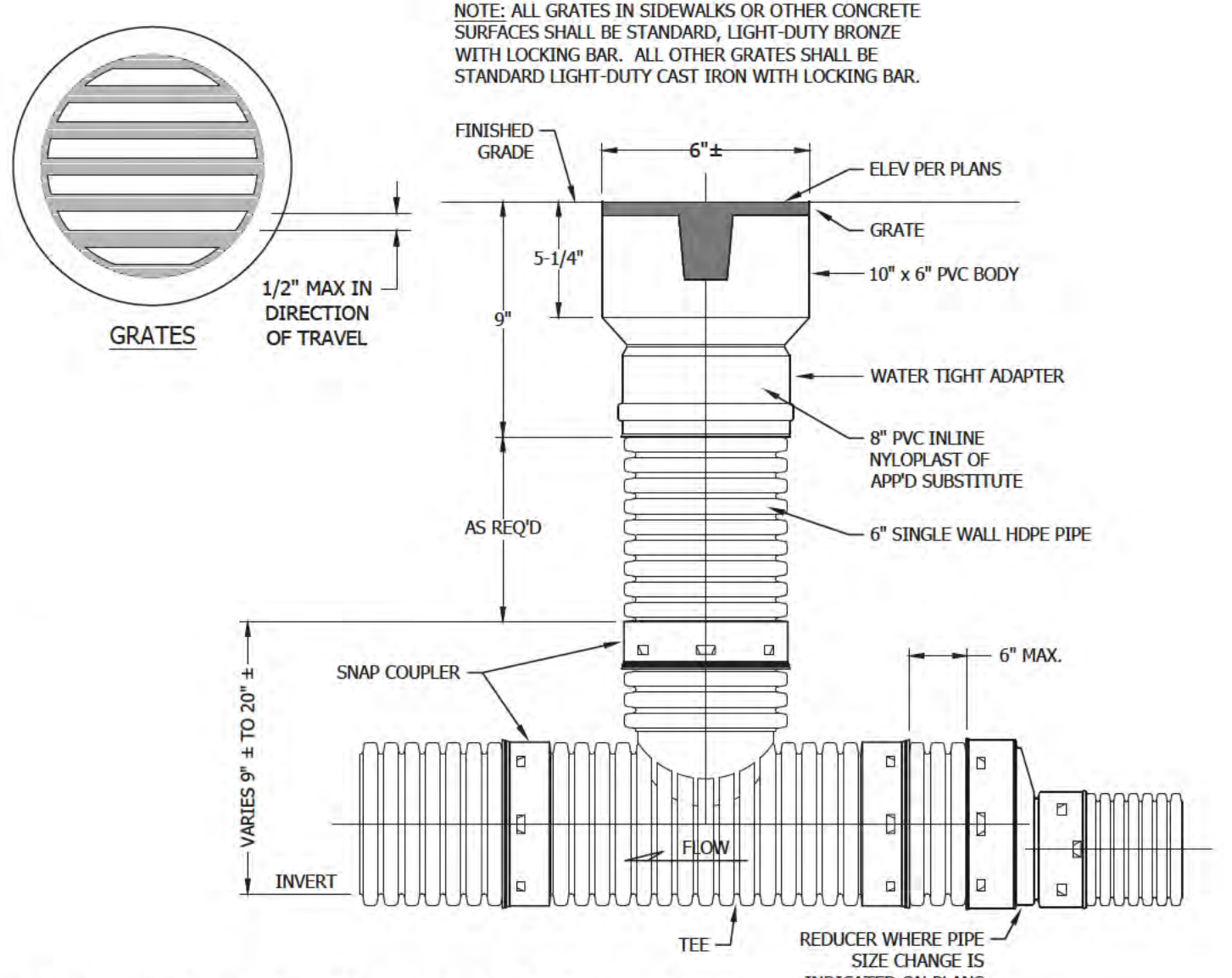
4 4" STORM DRAIN CLEANOUT Scale: NTS



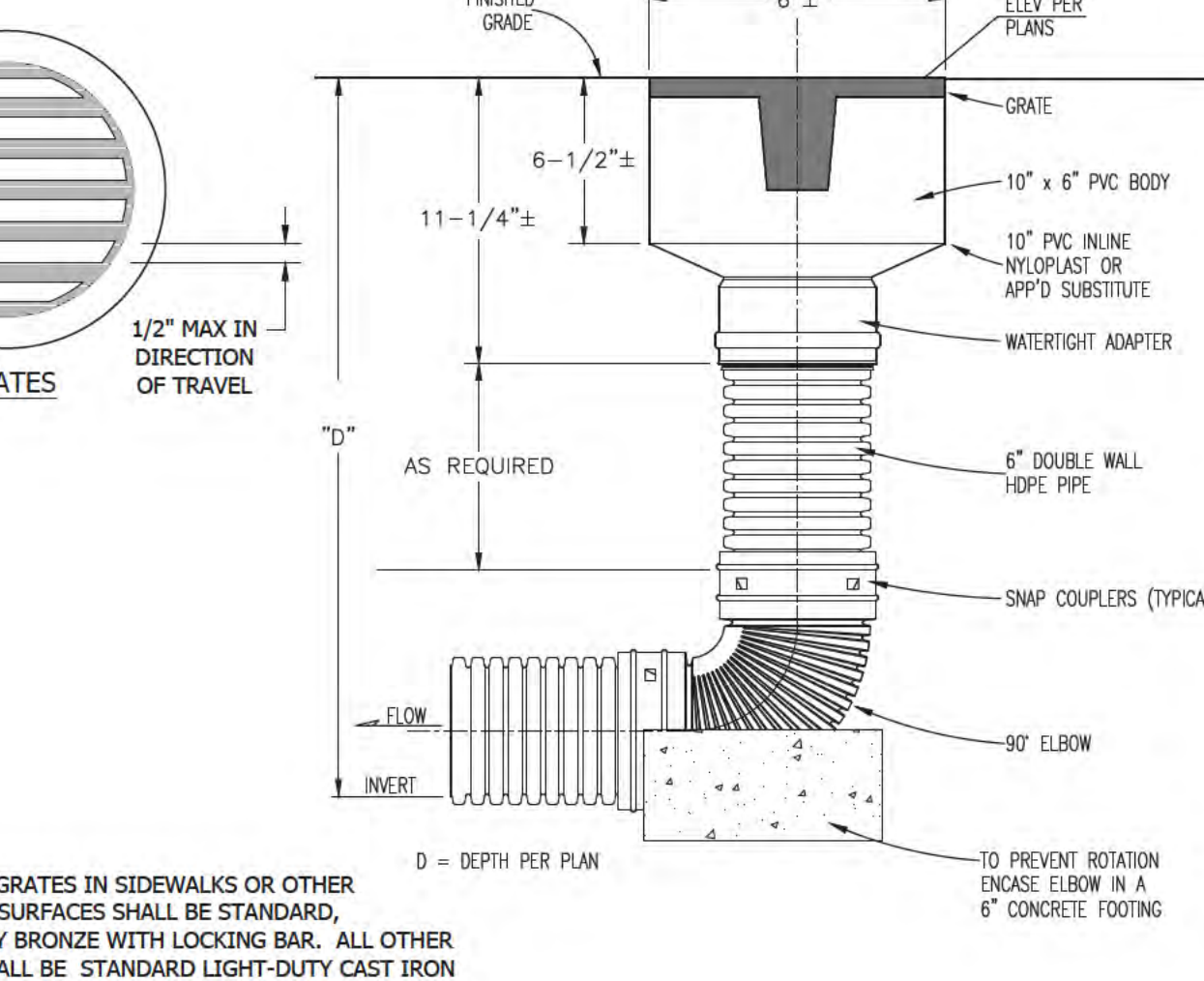
5 AREA DRAIN - 10" INLINE DRAIN Scale: NTS



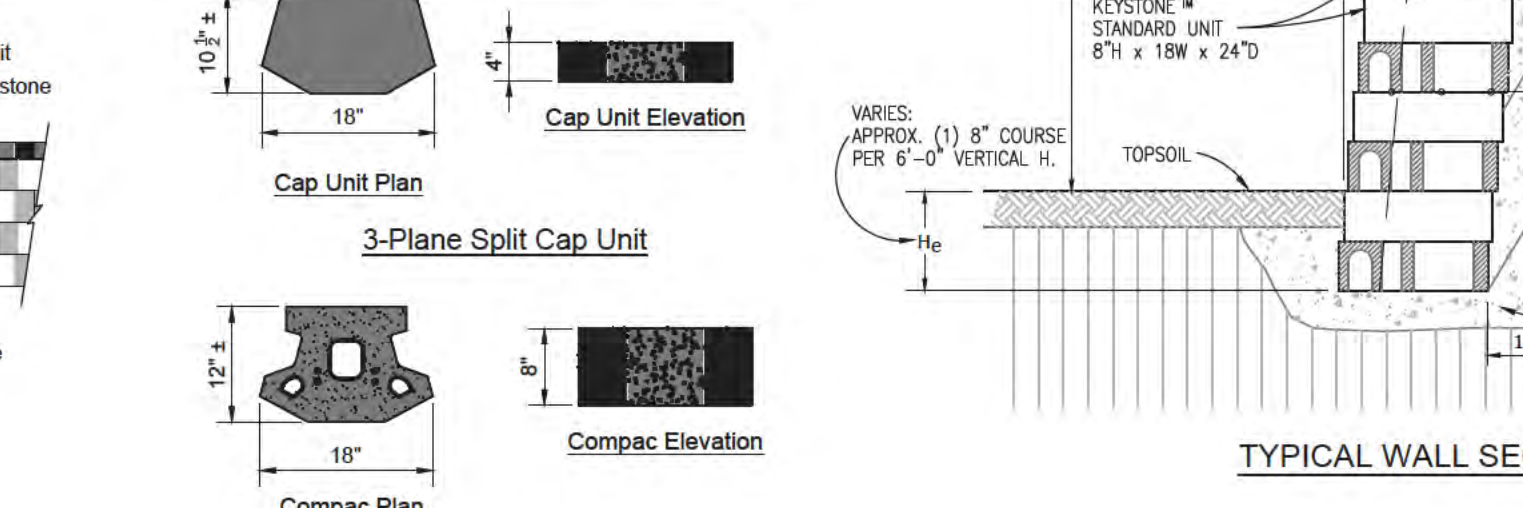
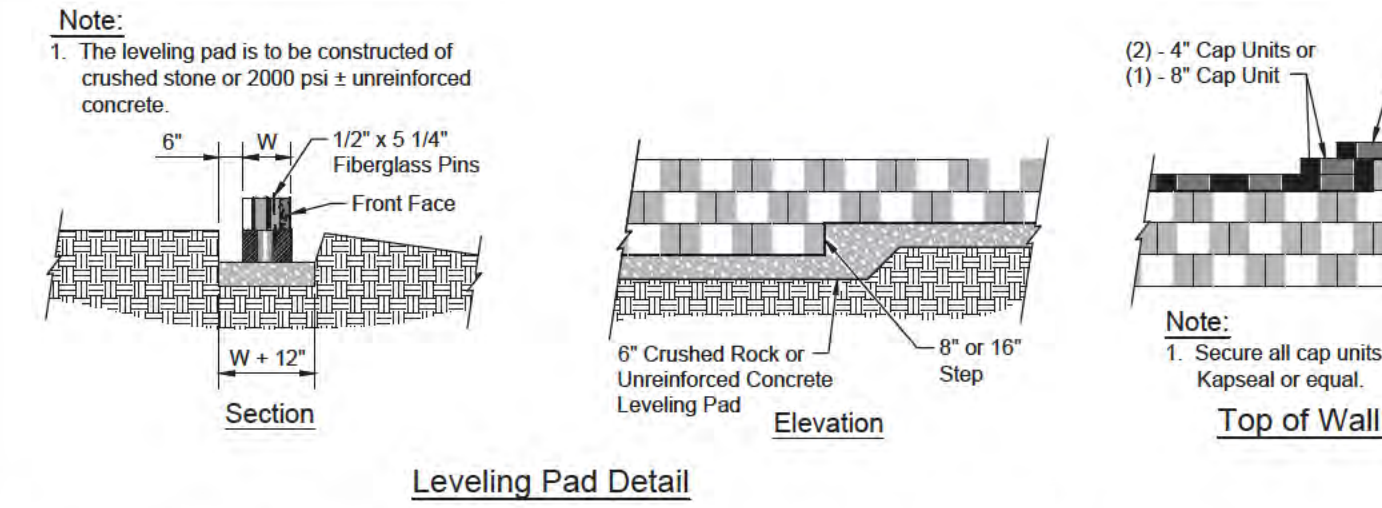
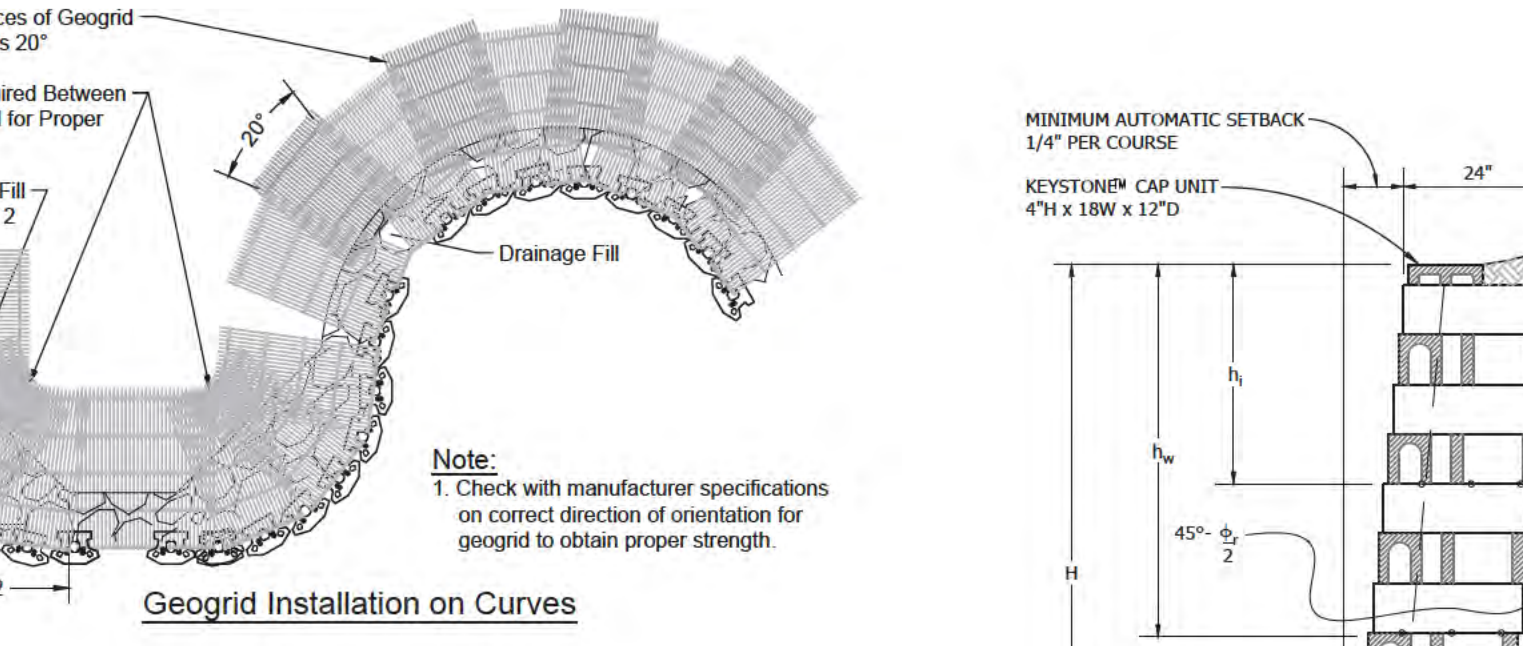
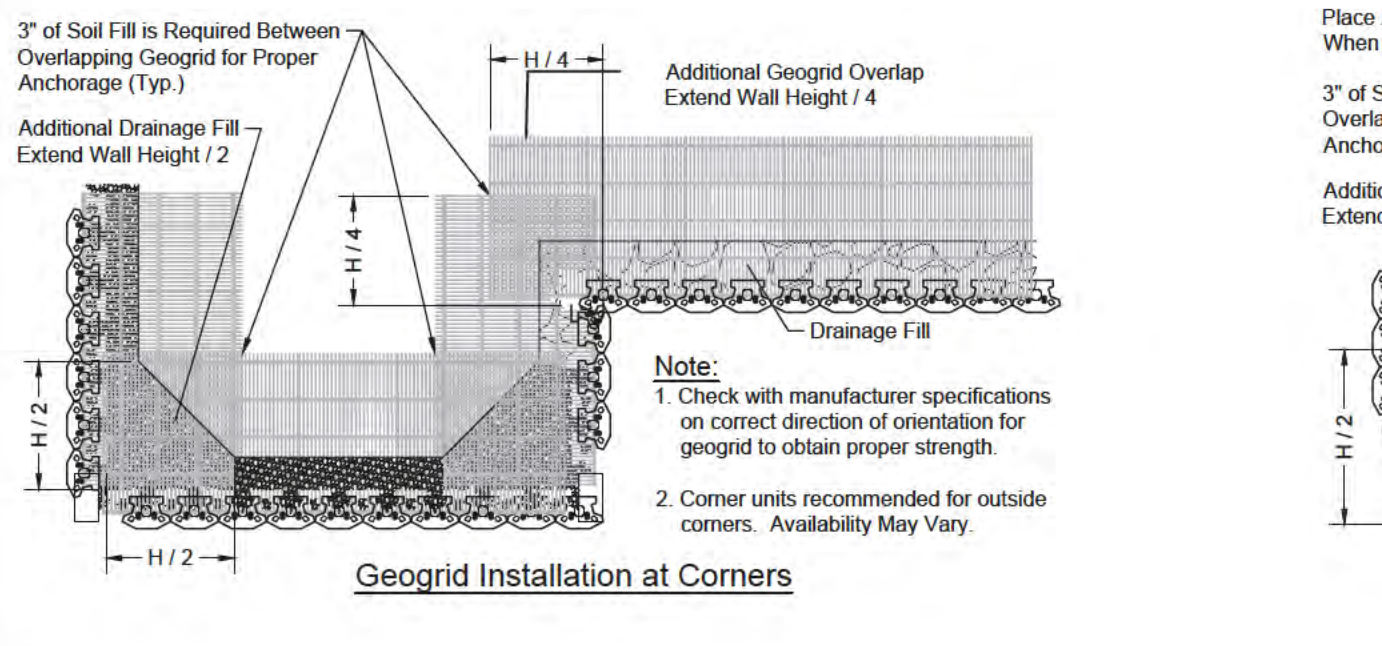
6 AREA DRAIN - 10" TERMINAL DRAIN Scale: NTS



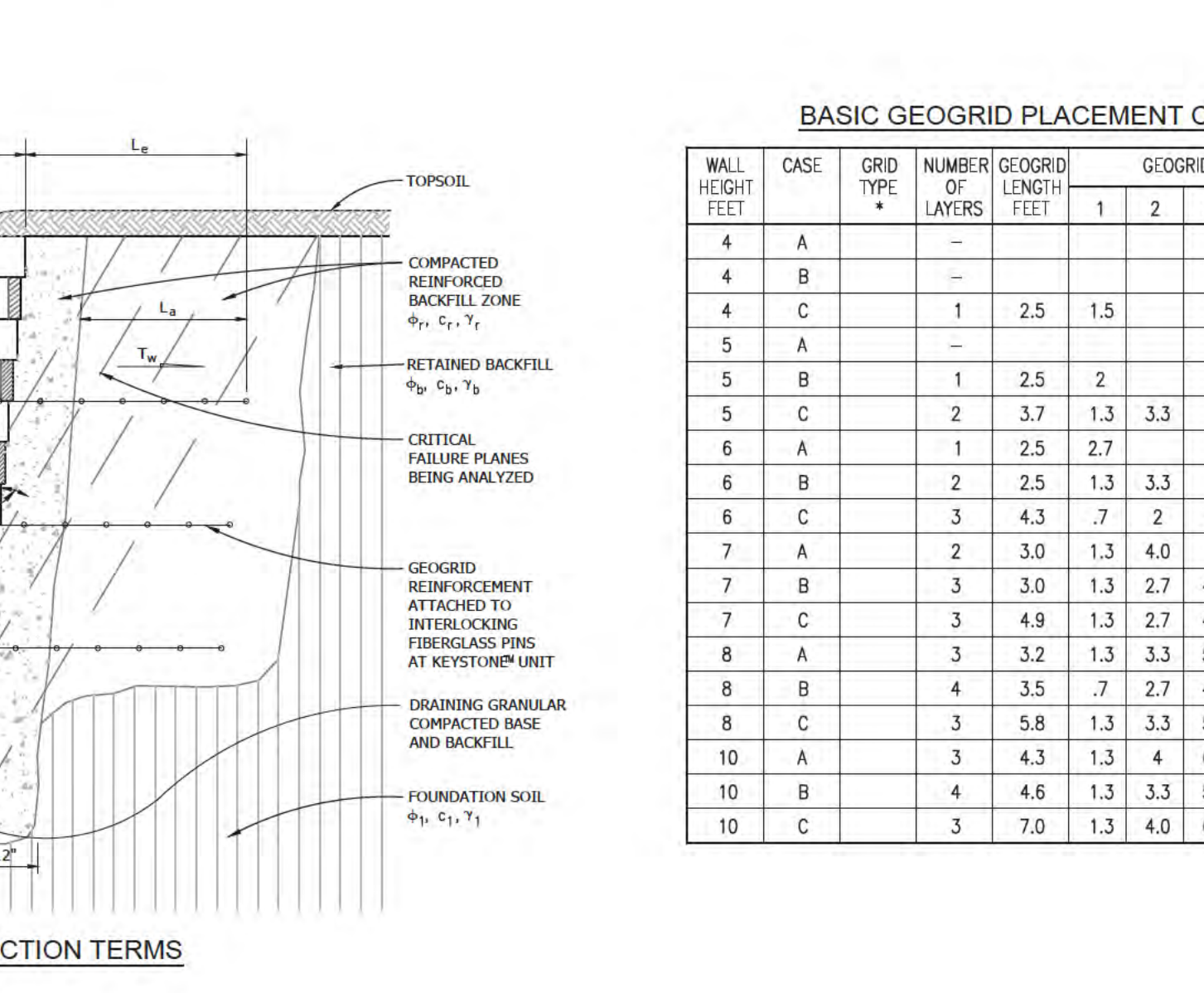
7 AREA DRAIN - 6" INLINE DRAIN Scale: NTS



8 AREA DRAIN - 6" TERMINAL DRAIN Scale: NTS

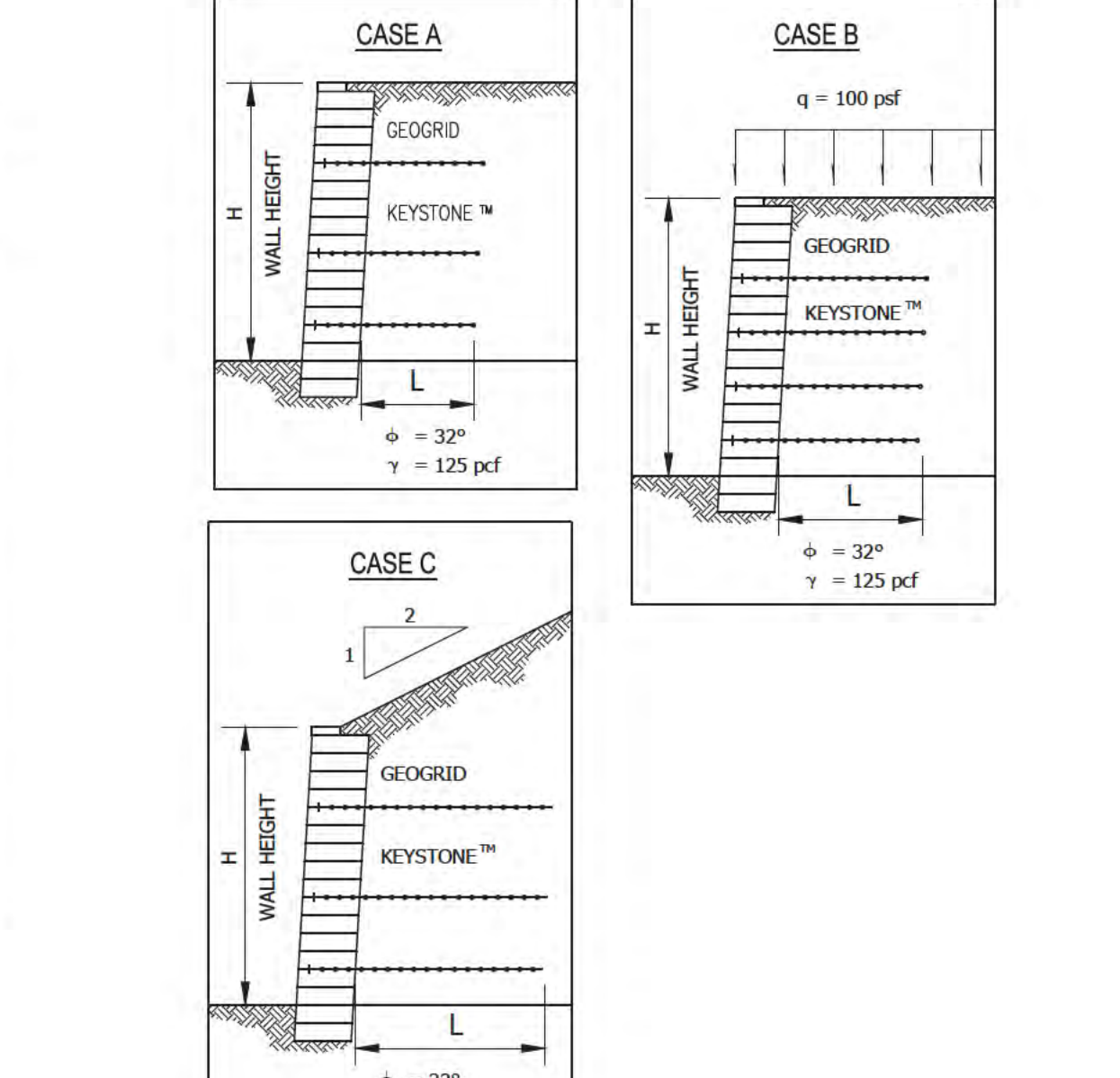


9 KEYSTONE RETAINING WALL TYPICAL DETAIL Scale: NTS



BASIC GEOGRID PLACEMENT CHART \*

WALL HEIGHT FEET	CASE	GRID TYPE	NUMBER OF LAYERS	GEOGRID LENGTH FEET	GEOGRID LAYER NUMBER
4	A	-	-	-	1 2 3 4 5
4	B	-	-	-	-
4	C	1	2.5	1.5	-
5	A	-	-	-	-
5	B	1	2.5	2	-
5	C	2	3.7	1.3	3.3
6	A	1	2.5	2.7	-
6	B	2	2.5	1.3	3.3
6	C	3	4.3	.7	2 4
7	A	2	3.0	1.3	4.0
7	B	3	3.0	1.3	2.7 4.7
7	C	3	4.9	1.3	2.7 4.7
8	A	3	3.2	1.3	3.3 5.3
8	B	4	3.5	.7	2.7 4.7 6.7
8	C	3	5.8	1.3	3.3 5.3
10	A	3	4.3	1.3	4 6.7
10	B	4	4.6	1.3	3.3 5.3 7.3
10	C	3	7.0	1.3	4.0 6.7



REVISIONS

NO.	DESCRIPTION	DATE

CONSTRUCTION DETAILS



**C2G** CIVIL CONSULTANTS GROUP, INC.  
 Engineers/Planners  
 4444 Scots Valley Drive / Suite 6  
 Scots Valley, CA 95066  
 925-438-4420

RESIDENCE  
 176 LOMA ALTA AVENUE, LOS GATOS  
 APN: 532-38-031

Date: 06.18.2024  
 Scale: NTS  
 Drawn: DD/RK  
 Job: 9060.01  
 Sheet: C4.1  
 Of 6 Sheets