

## GENERAL NOTES

- Intent**

The intent of these drawings is to provide a complete and finished job in all respects. Contractor is to make accurate field inspections of all aspects of the job, verify all dimensions and site conditions prior to starting work, and notify the architect of any discrepancies as required information does not appear in the contract documents. Additional information will be provided by the architect as requested by the contractor in specific areas, but any such provision shall in no way relieve the contractor of its responsibility to provide the building described in the contract documents.
- Contract Documents**

The contract documents consist of the following:

  - General Conditions of the Contract for Construction" AIA Document A201 1997 Edition
  - Drawings listed in the Sheet Index
  - Specifications, either in separate 8 1/2" x 11" booklet with headings as listed in the keynotes or as included herein.
  - Structural Calculations
  - The 24 energy calculations
  - All addenda and modification issued prior to and after execution of the contract.
- Document Conflicts, Errors and Omissions**

These documents are known to contain conflicts, errors and omissions. Professionals knowledgeable of construction and the documentation of proposed work have prepared these documents. These documents have been prepared in conformance with the best standards of practice of this industry. Every effort has been made to create these documents free of error or omission, however no guarantee is made or implied that these documents are free of such errors or omissions. This shall in no way relieve the contractor of its responsibility to provide the building described in the contract documents. It is the owner's and the contractor's responsibility to notify the architect in writing of any perceived errors or omissions in the construction documents prior to commencement of construction.

- Access**

The owner reserves the right to enter upon the site and into the building, and to occupy portions of the building prior to the date of substantial completion, provided same does not interfere with the work under the contract. Exercise of this right shall in no way be deemed to be acceptance by the owner of the work.
- Changes in the Work**

The owner reserves the right, without invalidating the contract, to order extra work or make changes by altering, adding to or deducting from the work, with the contract sum being adjusted accordingly. Any additional cost or change in scope of work shall be by written change order only.
- Separate Contracts**

The owner expressly reserves the right to let other contracts and to employ other contractors in connection with this project. In addition, the owner reserves the right to furnish various materials, fixtures and equipment to be installed by the contractor in connection with this project.
- Code Compliance**

All work, construction and materials shall comply with all provisions of the current edition of all Building, zoning, Mechanical, Plumbing, Electrical, Accessibility and Fire Safety Codes in effect and with all other rules, regulations and ordinances governing the place of the building. Code requirements take precedence over the drawings, and it shall be the responsibility of anyone supplying labor or materials or both to install or perform his work in conformance with the aforementioned codes, and to bring to the attention of the architect any discrepancies or conflicts between the drawings and the provisions of the code prior to construction.

- Conflicts in Laws**

Where any conflict occurs between the requirements of federal, state or local laws, codes, ordinances, rules or regulations, the most stringent shall govern.
- Permits**

  - The Owner shall pay for the plan check and building permit fees; contractor shall pay for all other permits and fees.
  - Obtain any necessary permit from the State of California Division of Industrial Safety prior to the issuance of grading permits or for trenches greater than 5 feet in depth into which a person is required to descend.
- Demolition Permits and Procedures**

Contractor shall secure necessary demolition permits prior to the excavation of the work and shall take full responsibility for any and all shoring, cribbing, scaffolding and any and all other temporary supporting devices required for the excavation of the work.
- Notices**

Contractor shall make necessary arrangements with the governing power, phone, cable, sewer, water, storm drain, gas and all other municipal, state, county and utility agencies for on-site service interruption, location of new and existing to be relocated utilities, temporary services, realignments of surface materials, vaults and plates in any aspect of the project requiring similar liaison and coordination. All utility equipment, meters, panels, overhead lines and exposed piping shall be located precisely as shown on the drawings. When not shown, coordinate location with the architect prior to commencing work. No extras will be allowed for relocating incorrectly positioned visible equipment, meters, panels, wiring, piping and the like.

- Safety**

Contractor shall be responsible for initiating, maintaining and supervising all safety and security precaution programs in connection with the work.
- Existing Conditions**

Contractor shall verify all conditions and measurements at the job site. Discrepancies in the drawings or between the drawings and actual field conditions shall be reported to the architect prior to commencing work with the work. The architect prior to the execution of the work shall issue corrections or instructions. By submitting a bid for the work the contractor verifies that he and appropriate sub-contractors have familiarized themselves with actual site conditions visible from the exterior or interior of the premises, or from accessible attic and under floor areas. Bids shall take into consideration all such conditions and variations, whether or not the same are specifically shown or mentioned in the contract documents, and bids submitted shall be construed as including same necessary to complete the work in every part shown, described or reasonably required or implied. No extras will be allowed for rectifying conditions visible at the time of bidding.
- Verification of Conditions**

Prior to installation of any product, contractor shall inspect existing conditions to receive materials to be installed and arrange for correction of defects in the existing workmanship, material or conditions that may adversely affect work to be installed. Installation of materials shall constitute acceptance of existing conditions as being in proper condition to receive the materials to be applied and waiver of claim that existing conditions are defective as pertains to warranty requirements.

- Temporary Facilities**

Contractor shall provide and pay for temporary telephone, sanitary, water, fencing, security and other services as required to complete the work for the duration of the project.
- Materials and Workmanship**

Keep work and adjacent areas free from accumulations of waste, debris and rubbish caused by construction operations. Do not allow opened containers of combustible materials to remain in the building overnight. At completion of work, remove all waste materials, rubbish, tools, equipment, machinery and surplus materials and clean all exposed surfaces. Leave project clean and ready for occupancy. Repair, patch and touch-up marked surfaces to specified finish as original.

## GENERAL NOTES

All materials and equipment furnished under this contract shall be new and free from faults and defects. Engage fully licensed and insured mechanics and specialists in their trade for first class workmanship throughout all visible areas of the project.

- Quality Control and Inspections**

  - Materials to be furnished under the contract are subject to test and inspection for compliance with contract documents.
  - Tests shall be performed under the supervision of California licensed professional engineer(s).
  - Contractor shall schedule, initiate and coordinate tests and inspections required by the contract documents and public authorities having jurisdiction over the work. Costs of testing: Contractor shall arrange and pay for materials qualifications and workmanship tests, concrete and masonry mix designs and other tests and inspections to be performed at the jobsite, unless otherwise specified. Test samples shall be provided to the owner at no cost.
  - Compliance: The owner may request that materials be tested. If materials are found to be in compliance with the contract documents then the owner will pay for the tests. If the materials are not found in compliance, then the costs of tests shall be paid by the contractor or deducted from payments due to him. The contractor shall reimburse the Owner all or any part, as the owner may deem proper, of the test and inspections costs incurred by the Owner due to the following:
    - Retesting costs caused by failure of materials to pass initial tests.
    - Covering of work before the required inspections or tests are performed.
    - Additional inspections required by Contractor's correction of defective work.

- Submittals**

Shop drawings, samples, catalogue cuts, project data, performance charts, instruction manuals, brochures and other information shall be submitted to the architect and / or owner when requested. No portion of such work or such materials shall be commenced or ordered until the architect and owner have approved the submittal. Prior to submission to the architect, the contractor shall check all shop drawings and other such data for quantity, size and dimensions. Architect will answer questions raised and will make determinations regarding quality of material, equipment, detail and arrangement decisions and color selections, but will not be responsible for quantity, size or dimensional errors. Submit three copies of submittals requested, one to be retained by the architect.
- Substitutions**

No substitutions shall be made without the Architect's and Owner's written authorization. Any request or substitution shall be made in advance to avoid any delay to the project schedule. In making request for a substitution, the contractor acknowledges that he has reviewed the requested substitution and has determined and guaranteed that the substituted item shall provide for equivalent performance as the original specified item. Contractor shall assume all responsibility for costs related to installation of substituted items, and shall be responsible for the coordination of the substituted item with all other aspects of the project that they may impact including costs of adjustments required in other work.

- Guarantee**

The contractor shall guarantee all aspects of his work against defects in material and workmanship for a period of one year from the date of completion of the project. This is in addition to any other equipment and material warranties and guarantees in effect.
- Purchasing Schedule**

All materials, equipment or trades requiring lead-time or ordering shall be scheduled by contractor to allow for the timely execution of the work. NO changes or extras will be signed for material ordered with insufficient time for their proper construction and implementation. Contractor shall notify the architect within 7 days of signing the contract for construction of any problems in obtaining the materials and trades specified.

- Construction Schedule**

Contractor shall submit to the architect and owner within three weeks of signing the contract for construction a week-by-week schedule for the project as it is outlined at that time. Substantial revisions in the schedule shall be reported to the architect during the course of construction.
- Responsibility for Damage**

Contractor shall be responsible for all damages done to existing work during construction, and shall repair and refinish such damages to former condition at no expense to the owner. Contractor shall protect work and adjacent work areas from weather, equipment, dust and debris, and shall be responsible for maintaining the premises in a clean and safe condition at all times.
- Superventent**

Contractor shall employ a competent superintendent in attendance at the project site at all times during the progress of the work.

- Dimensions, Notes and Conflicts in the Drawings**

  - Unless noted otherwise in the drawings, all dimensions are to the outside face of stud of the dimensioned assembly. It is the Contractor's responsibility to allow for the finish materials when positioning wall, floor and roof framing as required to yield the visible lines and planes described in the drawings.
  - In the case of conflicting information within the contract documents:
    - Larger scale drawings shall have precedence over smaller scale drawings.
    - Notes in the specifications shall have precedence over smaller scale drawings.
    - Notes in the drawings shall have precedence over notes in the specifications.
    - Dimensions in the drawings shall have precedence over scaled dimensions.

- Soils Report**
- Product Handling, Storage and Protection**

  - Deliver material to the project site or place of fabrication in manufacturer's original containers with seals unbroken and labels intact and incorporated into the work. Materials shall clearly bear the manufacturer's name and trademark and UL or FM label when applicable.
  - Protect materials from damage when moving and storing on site or in the building. Provide durable protection as required to protect materials from damage from weather or damage from contact.
  - Store materials and equipment in strict accordance with manufacturer's written instructions.
  - Remove damaged or otherwise unsuitable material and equipment promptly from the site and replace with satisfactory material at add-on to completion of the owner.

- Installation: General Requirements**

  - Use experienced installers and tradesmen.
  - Install materials and systems in accordance with their manufacturer's printed instructions and approved submittals in proper relation with adjacent construction and with uniform appearance.
  - Install assemblies complete with all hardware, anchors, inserts, supports and accessories. Attach securely to supports. Test and adjust operation.
  - Clean and protect work from damage.
- Cleaning**

Keep work and adjacent areas free from accumulations of waste, debris and rubbish caused by construction operations. Do not allow opened containers of combustible materials to remain in the building overnight. At completion of work, remove all waste materials, rubbish, tools, equipment, machinery and surplus materials and clean all exposed surfaces. Leave project clean and ready for occupancy. Repair, patch and touch-up marked surfaces to specified finish as original.

## ABBREVIATIONS

ABV	Above
AFB	Above Finished Floor
ALUM	Aluminum
ANOD	Anodized
AS	Acoustical Sealant
B/O	Bottom of
BLK	Blocking
BLW	Below
BYND	Beyond
C / C	Center to Center
CJ	Control Joint
CL	Center Line
CLNG	Ceiling
CLAD	Cladding
CLR	Clear
COL	Column
CONC	Concrete
CONST	Construction
CONT	Continuous
CONTR	Contractor
CORR	Corridor
CPT	Carpet
CT	Ceramic Tile
DIAM	Diameter
Ø	Diameter
DIM	Dimension
DN	Down
DTL	Detail
DWG	Drawing
(E)	Existing
EA	Each
EQ	Equal
EQR	Existing To Remain
F / O	Full Overlay
FLR	Floor
GA	Gauge
GALV	Galvanized
GC	General Contractor
GL	Glass
GR	Granite
GWB	Gypsum Wall Board
HRZNT	Horizontal
HR	Hour
HT	Height
INFO	Information
INSUL	Insulation
INT	Interior
LAM	Laminated
LAV	Lavatory
LP	Low Point
MAX	Maximum
MECH	Mechanical
MFR	Manufacturer
MIN	Minimum
MISC	Miscellaneous
MP	Metal Panel
MTL	Metal
(N)	New
NC	Not in Contract
NOM	Nominal
NMS	Not to Scale
OC	On Center
OPNG	Opening
OTB	Open to Below / Beyond
PLAM	Plastic Laminate
PLBG	Plumbing
PLWD	Plywood
PREFA	Prefabricated
B	Painted
PTD	Roof Drain
REIN	Reinforced
REQD	Required
REV	Revision
RO	Rough Opening
SIM	Similar
SPEC	Specification
SQ	Square
SS	Stainless Steel
STD	Standard
STL	Steel
STR	Stair
STRUC	Structural
TR	To be Removed / To be Replaced
T / O	Top of
TYP	Typical
U.N.O	Unless Noted Otherwise
VF	Verify in Field
VRTCL	Vertical
WD	Wood
WPR	Waterproofing
WNR	Wood Veneer

## LEGAL INFORMATION

1	ASSESSOR PARCEL NUMBER	03612222
2	MAP BOOK	036
3	TAX CODE AREA	3-108
4	SEC/TOWN/RANGE	T11S-R1W-SEC15
5	EXISTING USE	SINGLE FAMILY RESIDENCE
6	PROPOSED USE	SINGLE FAMILY RESIDENCE
7	OCCUPANCY	R-3
8	YEAR BUILT	1910
9	EFFECTIVE YEAR BUILT	2001
10	NUMBER OF STORIES	EX 1 STORY WITH ATTIC ROOM, NEW 2 STORY
11	CONSTRUCTION	V-B
12	LOT AREA	4486SF
13	F.A.R.	52%
14	ALLOWED R.F.A.	2,333SF
15	EXISTING R.F.A.	1,398SF
16	PROPOSED R.F.A.	2,330SF
17	EXISTING CONDITIONED F.A.	10655F
18	PROPOSED CONDITIONED F.A.	19975F
	SPRINKLERED	YES
20	SCOPE OF WORK	1625F 1ST FLOOR AND 7705F 2ND FLOOR ADDITION AND REMODEL, NEW HVAC

## DRAWING INDEX

G100	PROJECT INFORMATION / GENERAL NOTES
A100	EX PLANS
A101	SITE/ROOF PLAN
A102	DRAINAGE PLAN
A103	N FLOOR PLAN
A200	EX ELEVATIONS
A201	N ELEVATIONS
A300	SECTIONS
A301	DETAILS
A700	CEC
A700.1	CEC
A700.2	CEC
A702	MANDATORY MEASURES
A800	PRODUCT SPECS
L100	LANDSCAPE PLAN
S1	STRUCTURAL NOTES AND TYPICAL DETAILS
S2	LOWER FLOOR FRAMING AND FOUNDATION PLAN
S3	SECOND FLOOR FRAMING PLAN
S4	UPPER ROOF FRAMING PLAN
S5	FOUNDATION DETAILS
S6	CEILING, SECOND FLOOR, AND ROOF FRAMING DETAILS

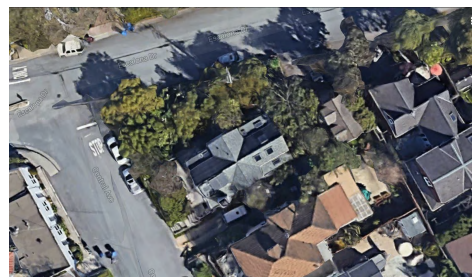
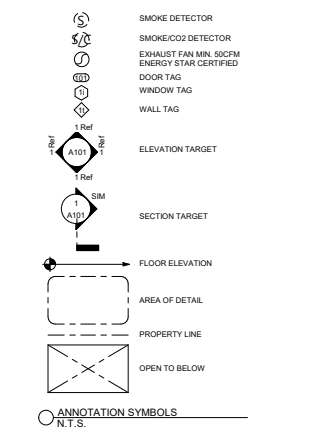
**APPLICABLE CODES**

ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS AND DRAWINGS, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS OF ALL GOVERNING BODIES

**CODES**

2019 CAL BUILDING CODE  
 2019 CAL PLUMBING CODE  
 2019 CAL MECHANICAL CODE  
 2019 CAL ELECTRIC CODE  
 2019 CAL RES CODE  
 2019 CAL ENERGY EFFICIENCY STANDARDS CODE & LOCAL AMENDMENTS

THESE PLANS ARE IN COMPLIANCE WITH CALIFORNIA BUILDING AND FIRE CODES (2019) AND CENTRAL FIRE PROTECTION DISTRICT AMENDMENTS.



1 AERIAL VIEW  
3/4" = 1'-0"

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SURVEYOR

N/A

GENERAL CONTRACTOR

LIC#

LEGEND

(E) TO REMAIN

(D) DEMO TO BE REMOVED (TBR)

(I) NOT IN CONTRACT (INC)

NO. ISSUE DATE

PROJECT

CENTRAL  
216 CENTRAL AVE. CAPITOLA, CA  
95010

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SHEET TITLE

PROJECT INFORMATION / GENERAL NOTES

SHEET NUMBER

G100

gigante AG 2013





### LEGEND

(E) TO REMAIN
(D) DEMO / TO BE REMOVED (TBR)
(N) CONSTRUCTION
(B) NOT IN CONTRACT (INC)

NO.	ISSUE	DATE
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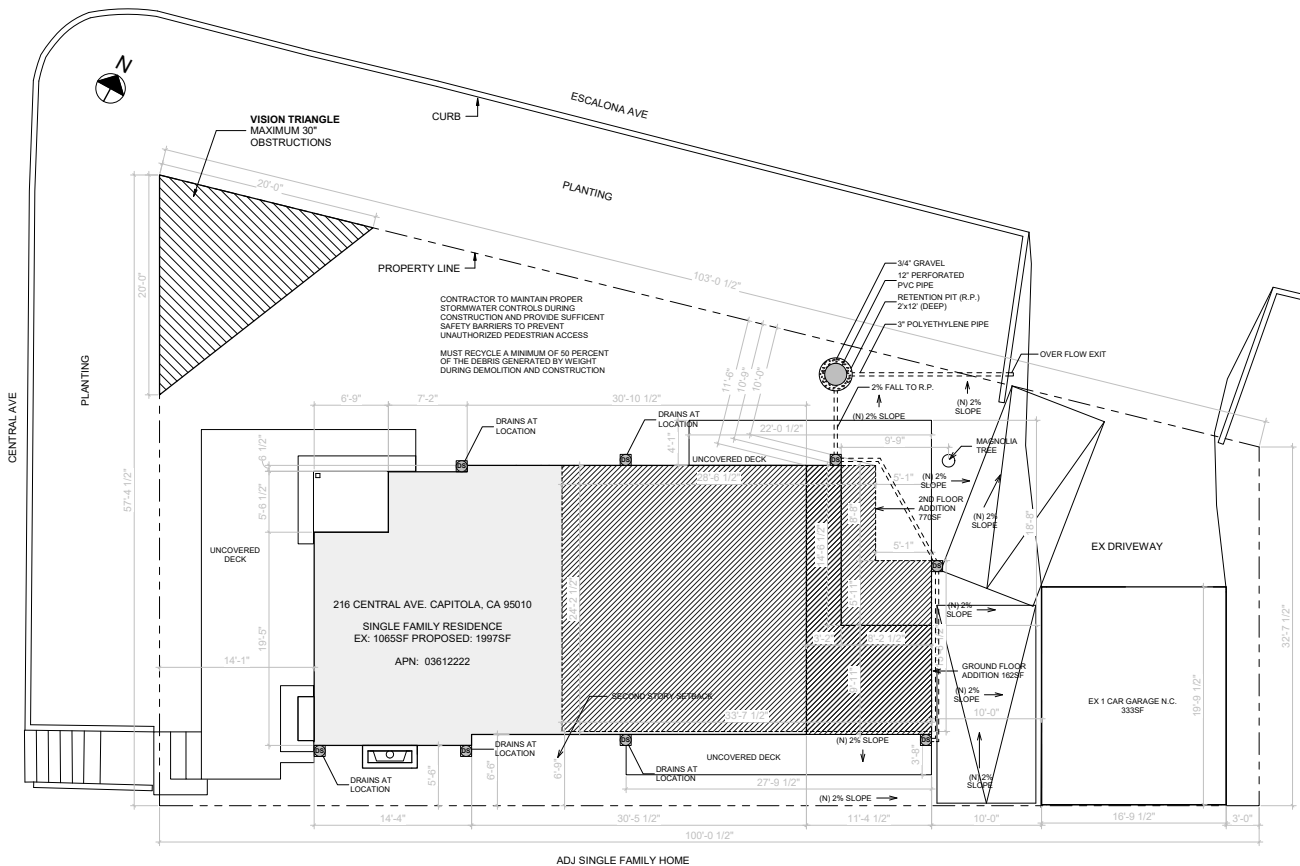
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SHEET TITLE  
**DRAINAGE PLAN**

SHEET NUMBER

**A102**

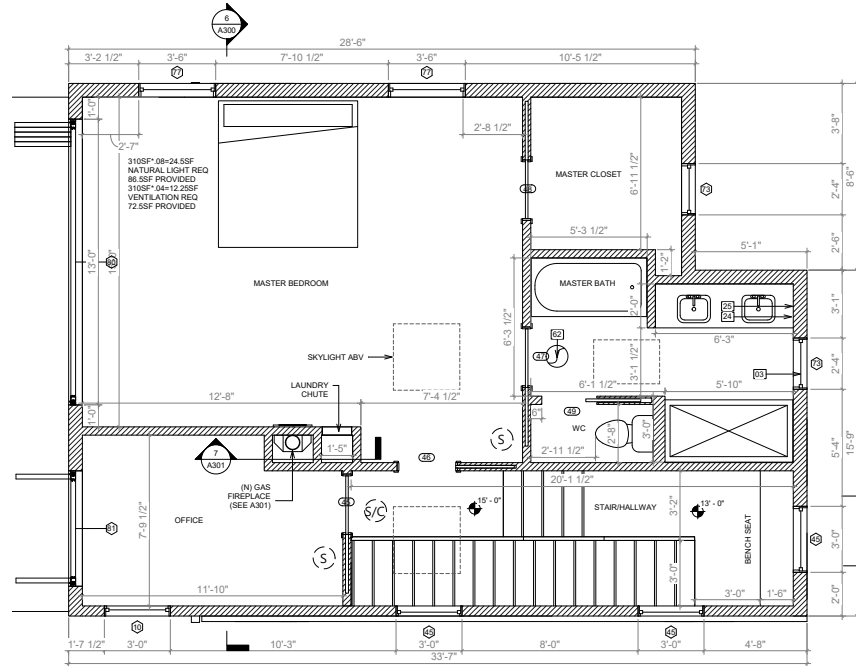


NEW WINDOW SCHEDULE								
Type Mark	Count	Operation	Rough Opening Width	Head Height	SS Height	Phase Created	Phase Demolished	Comments
10	1	DEB HUNG	3'-0"	4'-0"	6'-10 1/2" x 10"	New Construction	None	25 SHGC 32 U-VALUE
10	2	DEB HUNG	3'-0"	4'-0"	7'-0" x 9'-0"	New Construction	None	25 SHGC 32 U-VALUE
45	1	DEB HUNG	3'-0"	4'-6"	5'-0" x 9'-0"	New Construction	None	25 SHGC 32 U-VALUE
43	1	DEB HUNG	3'-0"	4'-6"	3'-0"	New Construction	None	25 SHGC 32 U-VALUE
54	1	SKYLIGHT	2'-0"	3'-0"		New Construction	None	25 SHGC 32 U-VALUE
58	4	DEB HUNG	2'-4"	3'-8"	6'-8" x 3'-0"	Existing	New Construction	
58	2	DEB HUNG	2'-4"	3'-8"	7'-8" x 4'-0"	New Construction	None	25 SHGC 32 U-VALUE
62	3	SKYLIGHT	3'-6"	3'-6"		Existing	New Construction	
63	2	SKYLIGHT	3'-8"	2'-2"		Existing	New Construction	
63	1	SKYLIGHT	8'-0"	4'-0"		Existing	New Construction	
73	2	DEB HUNG	2'-4"	3'-4"	6'-8" x 3'-4"	New Construction	None	25 SHGC 32 U-VALUE
77	2	DEB HUNG	3'-6"	4'-0"	6'-10 1/2" x 2'-10"	New Construction	None	25 SHGC 32 U-VALUE
80	1	FOLDING WALL	13'-0"	4'-0"	6'-10 1/2" x 2'-10"	New Construction	None	25 SHGC 32 U-VALUE
81	1	FOLDING WALL	5'-3"	4'-0"	6'-10 1/2" x 2'-10"	New Construction	None	25 SHGC 32 U-VALUE
82	2	SKYLIGHT	3'-0"	3'-0"		New Construction	None	25 SHGC 32 U-VALUE

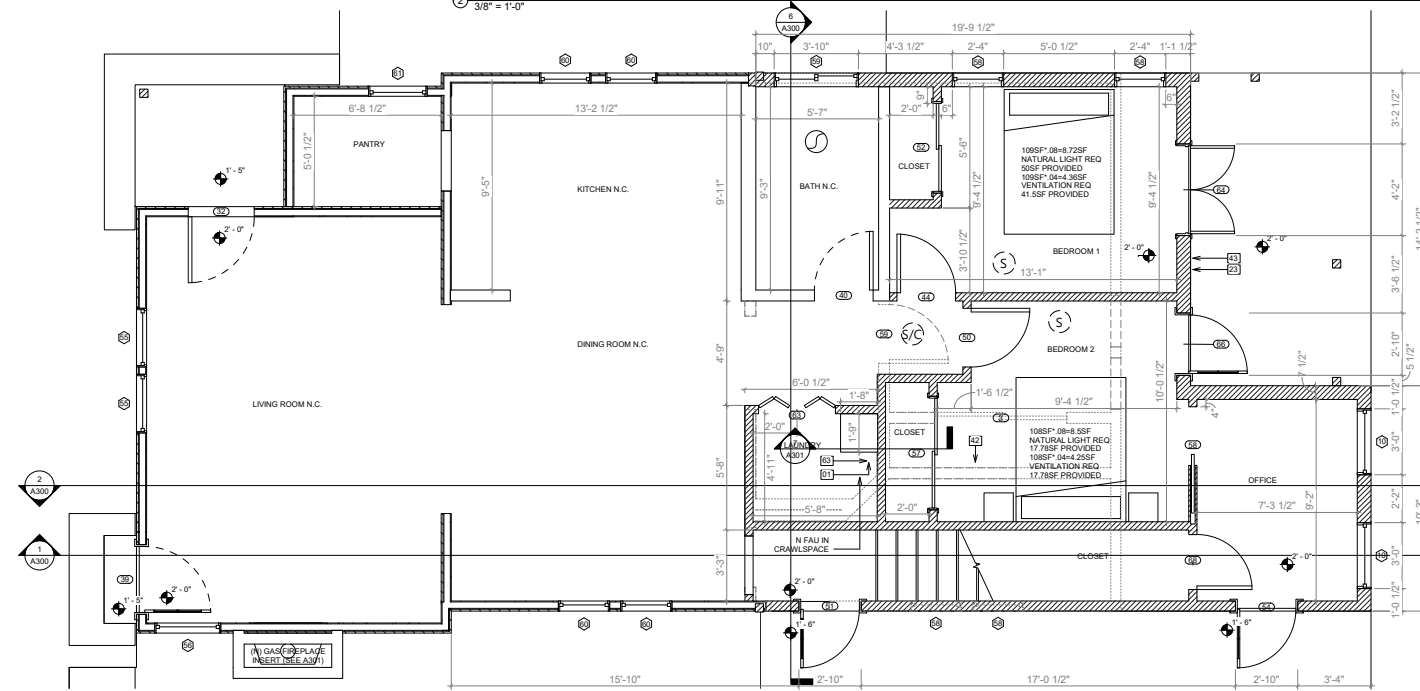
NEW DOOR SCHEDULE					
Door Number	Operation	Height	Width	Phase Created	Phase Demolished
3	CLOSET SLIDING	6'-8"	6'-0"	Existing	New Construction
14	INT SWING	6'-8"	2'-8"	New Construction	None
45	INT POCKET	6'-8"	2'-8"	New Construction	None
47	INT POCKET	6'-8"	2'-8"	New Construction	None
48	INT POCKET	6'-8"	2'-8"	New Construction	None
49	INT POCKET	6'-8"	2'-8"	New Construction	None
50	INT SWING	6'-8"	2'-8"	New Construction	None
51	EXT SWING GLASS	6'-8"	2'-8"	New Construction	None
52	CLOSET SLIDING	6'-8"	4'-0"	New Construction	None
54	EXT SWING GLASS	6'-8"	2'-8"	New Construction	None
57	CLOSET SLIDING	6'-8"	5'-0"	New Construction	None
58	INT POCKET	6'-8"	2'-8"	New Construction	None
59	INT SWING	6'-8"	2'-8"	Existing	New Construction
62	EXT SWING GLASS	6'-8"	2'-8"	Existing	New Construction
63	INT BIFOLD 4 PANEL	6'-8"	3'-6"	New Construction	None
64	EXT BIFOLD SWING	6'-8"	4'-10"	New Construction	None
66	EXT SWING GLASS	6'-8"	2'-8"	New Construction	None
68	INT SWING	6'-8"	2'-8"	New Construction	None

KEYNOTE LEGEND	
Key Value	Keynote Text
01	18" x 24" Under floor access and 30"x30" attic access above
03	Glazing in bathrooms shall be tempered
23	Where branch-circuit wiring is modified, replaced or extended in areas specified in CEC 210.12(A), the branch circuit shall be protected by either a listed combination-type AFCI located at the origin of the branch circuit or a listed outlet branch-circuit type AFCI located at the first receptacle of the existing branch circuit.
24	All non-locking type 125-volt, 15 and 20 ampere receptacles in a dwelling unit shall be listed tamperresistant receptacles. (Exceptions: (1) receptacles more than 5'-6" above the floor, (2) receptacles part of a luminaire or appliance, (3) a single receptacle or a duplex receptacle for two appliances that are not easily moved and located within dedicated space and are chord-and-plug connected as per CEC 400.7, and (4) non-grounding receptacles used for replacements as permitted in CEC 406.4 (D) (2) (a).)
25	GFCI Power in wet locations
42	Permanently installed luminaires in rooms other than kitchens, bathrooms, garages, laundry rooms, and utility rooms are to be high efficacy, or controlled by a dimmer switch, or controlled by an occupancy sensor that does not turn on automatically or have an always-on option.
43	Exterior lighting is to be high efficacy or must be controlled by a motion sensor. Also, the lighting must by one of the following methods: i) Photoclock not having an override or bypass switch that disables the photoclock, or ii) Astronomical time clock not having an override or bypass switch that disables the astronomical time clock, and which is programmed to automatically turn the outdoor lighting OFF during daylight hours; or iii) Energy management control system which meets all of the following requirements. At a minimum provides the functionality of an astronomical time clock in accordance with Section 110.9 of the standards; meets the Installation Certification requirements in Section 130.4 of the standards; meets the requirements for an EMCS in Section 130.5 of the standards; does not have an override or bypass switch that allows the luminaire to be always ON; and, is programmed to automatically turn the outdoor lighting OFF during daylight hours.
62	If fans shall be ENERGY STAR compliant and be ducted to terminate to the outside of the building. ii Fans, not functioning as a component of a whole house ventilation system, must be controlled by a humidity control.
63	Heater shall be capable of maintaining a minimum room temperature of 68°F at a point 3 feet above the floor and 2 feet from exterior walls in all habitable rooms at the design temperature. (R303.9)

2 SECOND FLOOR NEW  
3/8" = 1'-0"



1 FIRST FLOOR NEW  
3/8" = 1'-0"



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SHEET TITLE

N FLOOR PLAN

SHEET NUMBER

A103

gigante AG 2013

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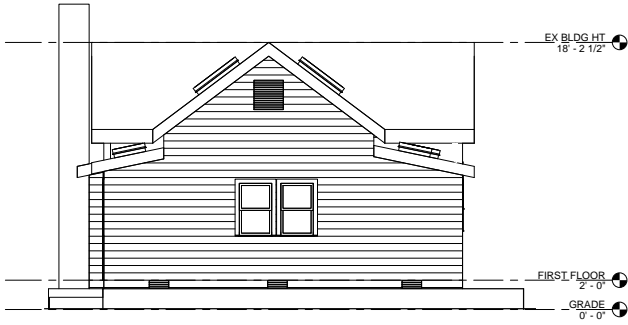
(D) DEMO / TO BE REMOVED (TBR)

(N) NOT IN CONTRACT (NIC)

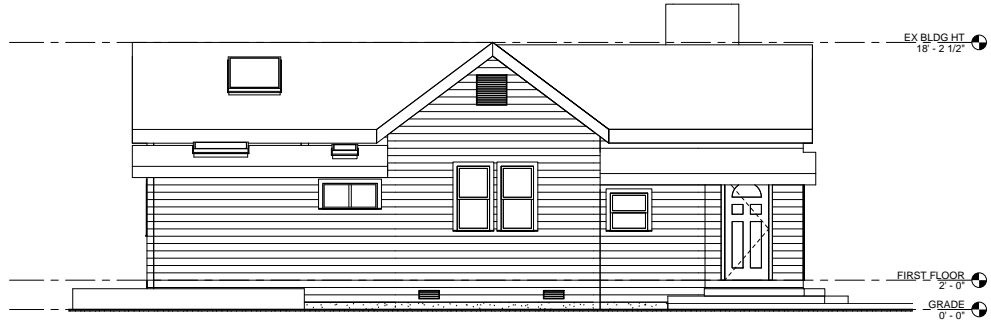
(C) CONSTRUCTION

(X) NOT IN CONTRACT (NIC)

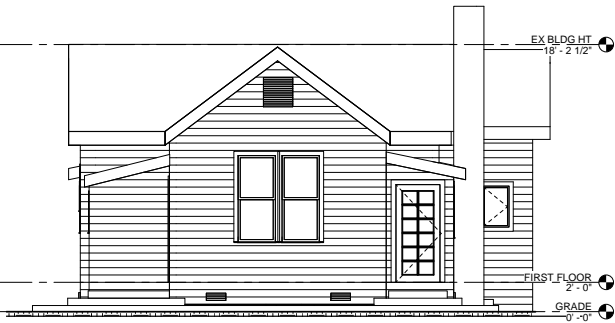
NO.	ISSUE	DATE



① EAST EL EX  
1/4" = 1'-0"



② NORTH EL EX  
1/4" = 1'-0"



④ WEST EL EX  
1/4" = 1'-0"



③ SOUTH EL EX  
1/4" = 1'-0"

PROJECT

CENTRAL  
216 CENTRAL AVE. CAPITOLA, CA  
95010

THESE DOCUMENTS ARE INSTRUMENTS OF SERVICE AND AS SUCH REMAIN THE INTELLECTUAL AND PHYSICAL PROPERTY OF GIGANTE AG. THESE DOCUMENTS ARE NOT TO BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS FOR ADDITIONS TO THIS PROJECT OR FOR THE COMPLETION OF THIS PROJECT BY OTHERS. ALL DOCUMENTS ARE INTENDED AS GUIDELINES FOR IMPLEMENTATION. NOTATED DIMENSIONS SHALL ALWAYS TAKE PRECEDENCE OVER SCALED DIMENSIONS AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF GIGANTE AG PRIOR TO THE COMMENCEMENT OF WORK. ALL EXCEPTIONS TO THE ABOVE STATEMENTS ARE ONLY ACCEPTABLE BY WRITTEN AGREEMENT WITH GIGANTE AG.

SHEET TITLE

EX ELEVATIONS

SHEET NUMBER

A200

gigante AG 2013

CRAWLSPACE VENTILATION  
 121SSF / 150 = 83F  
 MIN QTY 12, 667SF VENTS = 85F

# gigante AG

R. SCOTT MITCHELL

176B N SAN FERNANDO ROAD  
 LOS ANGELES, CA 90031

T 323 843 2201  
 F 323 276 0988

CLIENT  
 LYNN JACKSON

OWNER  
 LYNN JACKSON  
 216 CENTRAL AVE. CAPITOLA, CA  
 95010

ENGINEER  
 STREETER GROUP, INC.  
 2571 Main Street, Suite C,  
 Soquel, CA 95073 (831)477-1781

SURVEYOR  
 N/A

GENERAL CONTRACTOR  
 LICH

**LEGEND**

- (E) TO REMAIN
- (D) DEMO / TO BE REMOVED (TBR)
- (N) CONSTRUCTION
- (I) NOT IN CONTRACT (INC)

NO.	ISSUE	DATE

PROJECT

CENTRAL  
 216 CENTRAL AVE. CAPITOLA, CA  
 95010

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SHEET TITLE

N ELEVATIONS

SHEET NUMBER

A201



1 WEST EL  
 1/4" = 1'-0"



2 SOUTH EL  
 1/4" = 1'-0"



3 EAST EL  
 1/4" = 1'-0"



4 NORTH EL  
 1/4" = 1'-0"

### LEGEND

(E) TO REMAIN

(D) DEMO / TO BE REMOVED (TBR)

(I) IN CONSTRUCTION

(N) NOT IN CONTRACT (NIC)

NO.	ISSUE	DATE
-----	-------	------

PROJECT

CENTRAL  
216 CENTRAL AVE. CAPITOLA, CA  
95010

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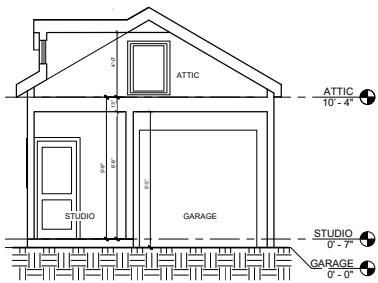
SHEET TITLE

SECTIONS

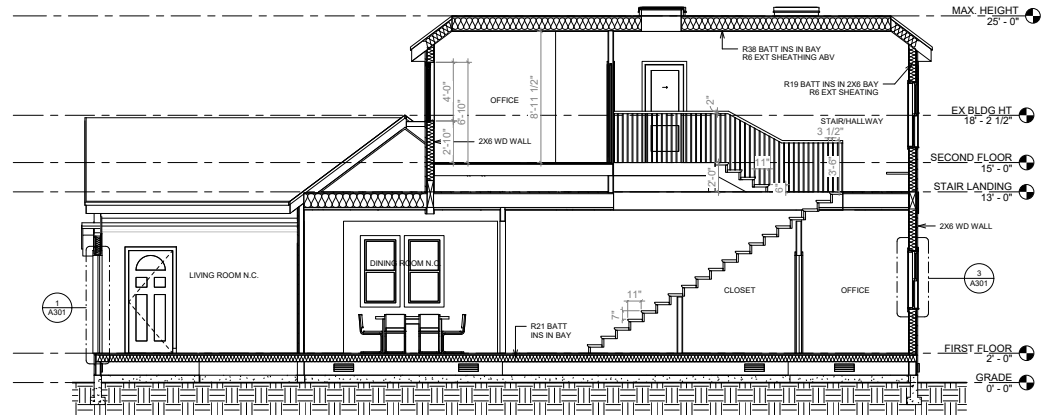
SHEET NUMBER

A300

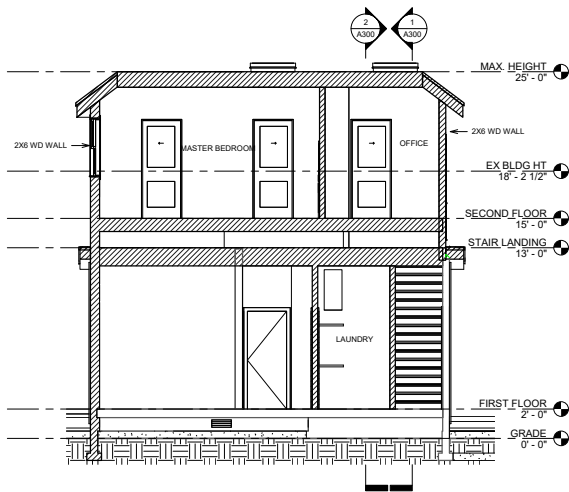
©gigante AG 2013



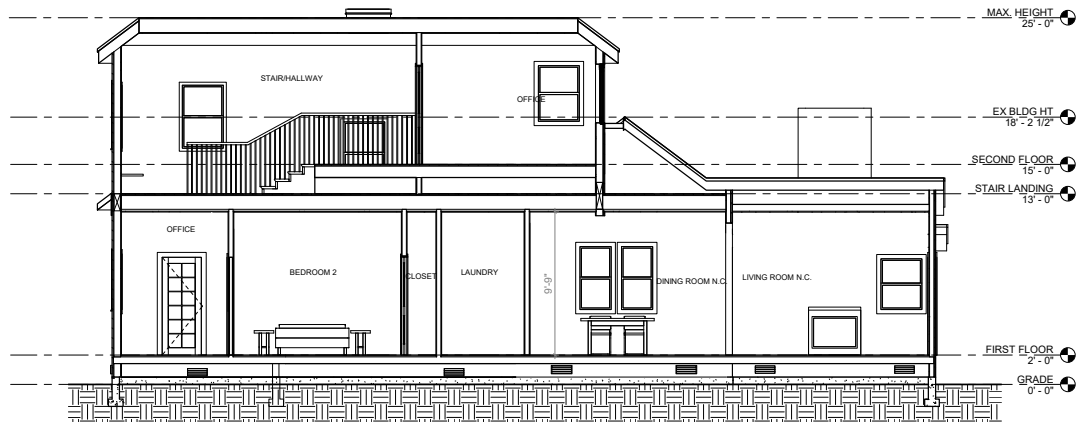
3 GARAGE SECTION  
1/4" = 1'-0"



1 LONG SECTION FACING NORTH  
1/4" = 1'-0"

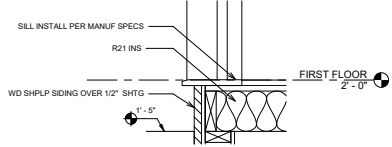
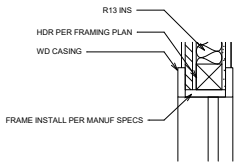


6 SHORT SECTION FACING EAST  
1/4" = 1'-0"

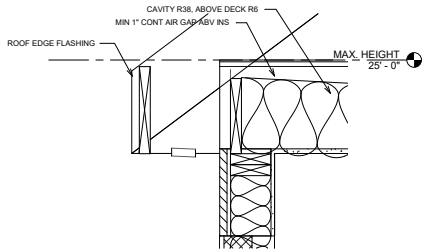


2 LONG SECTION FACING SOUTH  
1/4" = 1'-0"

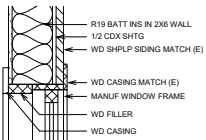




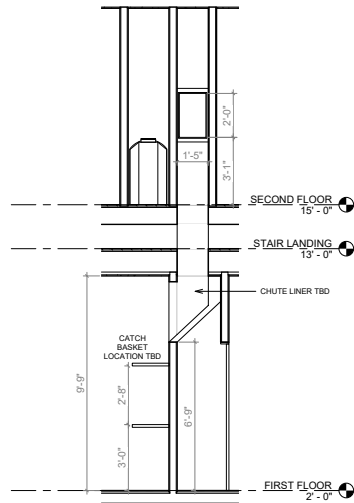
1 DOOR HEAD/SILL DETAIL  
1 1/2" = 1'-0"



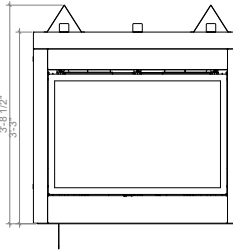
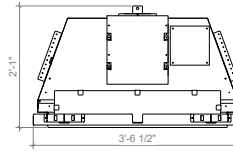
2 ROOF VENTILATION DETAIL  
1 1/2" = 1'-0"



3 WINDOW HEAD/SILL DETAIL  
1 1/2" = 1'-0"

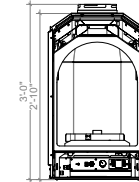
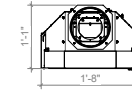


7 LAUNDRY CHUTE LOCATION  
3/8" = 1'-0"

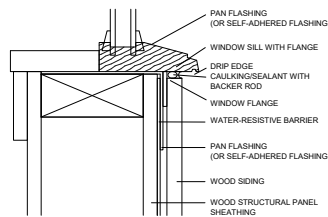
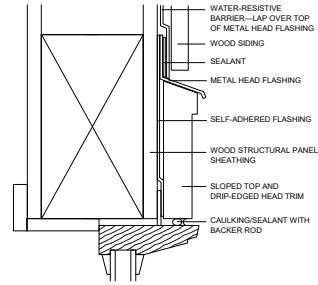


Model 564 Space Saver Clean Face GSR2 (SEE A800)

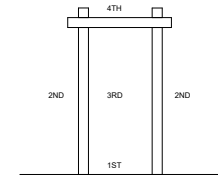
4 FIREPLACE DETAILS  
1" = 1'-0"



Model Bed and Breakfast GSR2 (SEE A800)

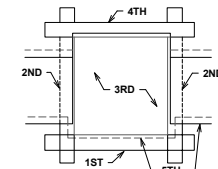


6 WINDOW FLASHING (TYP)  
N.T.S.



S.A.S.M. = SELF ADHESIVE SHEET MEMBRANE  
NOTE:  
PROVIDE SOLID BACKING TO SUPPORT S.A.S.M.  
STAPLE PERIMETER OF S.A.S.M. TO FRAMING  
MEMBERS 1" FROM OUTSIDE EDGE TO  
PREVENT WIND DAMAGE.

TYPICAL DOOR FLASHING



MATERIALS SPECIFIED:  
S.A.S.M. = SELF ADHESIVE SHEET MEMBRANE  
"SUPER JUMBO TEK" 60 MINUTE PAPER  
MANUFACTURED BY FORTIFIBER CORPORATION  
PORTLAND, OREGON  
SHEET METAL SHALL BE INSTALLED PER  
SMACNA RECOMMENDED SPECIFICATIONS  
PROVIDE SOLID BACKING TO SUPPORT S.A.S.M.  
STAPLE PERIMETER OF S.A.S.M. TO FRAMING  
MEMBERS 1" FROM OUTSIDE EDGE TO PREVENT  
WIND DAMAGE.

TYPICAL WINDOW FLASHING

6 WINDOW/DOOR FLASHING (TYP)  
N.T.S.

**gigante AG**

R. SCOTT MITCHELL

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CLIENT

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95010

ENGINEER

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2571 Main Street, Suite C  
Soquel, CA 95073 (831) 477-1781

SURVEYOR

N/A

GENERAL CONTRACTOR

LIC#

LEGEND

(E) TO REMAIN

(D) DEMO / TO BE REMOVED (TBR)

(N) NOT IN CONTRACT (INC)

(C) CONSTRUCTION

(I) NOT IN CONTRACT (INC)

NO.	ISSUE	DATE

PROJECT

CENTRAL  
216 CENTRAL AVE. CAPITOLA, CA  
95010

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SHEET TITLE

DETAILS

SHEET NUMBER

A301

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CERTIFICATE OF COMPLIANCE

Project Name: CENTRAL AVE  
Calculation Description:

Calculation Date/Time: 2020-03-05T21:21:31-08:00  
Input File Name: CENTRAL\_AVE\_03.05.20.rbd19

C191-PRF-01E

(Page 1 of 14)

01	02	03	04	05	06	07	08	09	10	11	12
01	Project Name	CENTRAL AVE									
02	Run Title	216 CENTRAL AVE									
03	City	CAPITOLA, CA									
04	Zip code	95020									
05	Software Version	CIBCE-Res 2019.1.2									
06	Climate Zone	3									
07	Front Orientation (deg/ Cardinal)	270									
08	Building Type	Single family									
09	Number of Dwelling Units	1									
10	Project Scope	Addition/Alteration									
11	Number of Bedrooms	3									
12	Existing Cond. Floor Area (ft²)	1009									
13	Number of Stories	1									
14	Penetration Average U-factor	0.32									
15	Glazing Percentage (%)	21.18%									
16	ADU Bedroom Count	n/a									
17	ADU Conditioned Floor Area	n/a									
18	Is Natural Gas Available?	Yes									

01	02	03
01	Building Complies with Computer Performance	Yes
02	This building incorporates features that require field testing and/or verification by a certified HERS Rater under the supervision of a CEC-approved HERS provider.	Yes
03	This building incorporates one or more Special Features shown below	Yes

ENERGY USE SUMMARY				
Energy Use [kWh/yr]	Standard Design	Proposed Design	Compliance Margin	Percent Improvement
Space Heating	21.1	20.34	0.76	3.6
Space Cooling	0.98	1.6	-0.62	-63.3
IAQ Ventilation	2.65	2.65	0	0
Water Heating	13.4	13.53	-0.13	-1
Solar Utilization Credit	n/a	n/a	0	n/a
Compliance Energy Total	38.13	38.12	0.01	0

Registration Number: 420-P010027159A-000-000-000000-0000  
CA Building Energy Efficiency Standards - 2019 Residential Compliance  
Report Version: 2019.1.108  
Schema Version: rev 20200301

Registration Date/Time: 03/05/2020 21:30

HERS Provider: Cal Energy

Report Generated: 2020-03-05 21:26:05

CERTIFICATE OF COMPLIANCE

Project Name: CENTRAL AVE  
Calculation Description:

Calculation Date/Time: 2020-03-05T21:21:31-08:00  
Input File Name: CENTRAL\_AVE\_03.05.20.rbd19

C191-PRF-01E

(Page 2 of 14)

01	02	03	04	05	06	07	08	09	10	11	12	
01	DC System Size (kWdc)	Exception	Module Type	Array Type	Power Electronics	CR1	Azimuth (deg)	Tilt Input	Array Angle (deg)	Tilt: (x in 12)	Inverter Eff. (%)	Annual Solar Access (%)
5	N/A	Standard	Flood (roof mount)	None	None	None	150-270	n/a	n/a	<=7.12	96	100

REQUIRED SPECIAL FEATURES	
The following are features that must be installed as condition for meeting the modeled energy performance for this computer analysis.	
<ul style="list-style-type: none"> <li>Zonal heating controls</li> <li>Cool roof</li> <li>Floor has high level of insulation</li> <li>Window overhangs and/or fins</li> <li>No cooling system included</li> <li>Ducts in crawl space</li> </ul>	

HERS FEATURE SUMMARY	
The following is a summary of the features that must be field-verified by a certified HERS Rater as a condition for meeting the modeled energy performance for this computer analysis. Additional detail is provided in the building tables below. Registered CF2Ns and CF3Ns are required to be completed in the HERS Registry	
<ul style="list-style-type: none"> <li>Building Level Verifications: <ul style="list-style-type: none"> <li>Indoor air quality ventilation</li> <li>Cooling System Verifications: <ul style="list-style-type: none"> <li>None</li> </ul> </li> <li>Heating System Verifications: <ul style="list-style-type: none"> <li>None</li> </ul> </li> <li>HVAC Distribution System Verifications: <ul style="list-style-type: none"> <li>Duct leakage testing</li> <li>Domestic Hot Water System Verifications: <ul style="list-style-type: none"> <li>None</li> </ul> </li> </ul> </li></ul></li></ul>	

Registration Number: 420-P010027159A-000-000-000000-0000  
CA Building Energy Efficiency Standards - 2019 Residential Compliance  
Report Version: 2019.1.108  
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C191-PRF-01E

(Page 4 of 14)

01	02	03	04	05	06	07	08	09	10	11
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft²)	Window and Door Area (ft²)	TIR (deg)	Wall Exceptions	Status	Verified Existing Condition
LIVING ROOM WEST	LIVING ROOM	EXTERIOR WALL	270	Front	185	51.9	90	none	Existing	No
LIVING ROOM SOUTH	LIVING ROOM	EXTERIOR WALL	0	Left	136	20.96	90	none	Existing	No
LIVING ROOM NORTH	LIVING ROOM	EXTERIOR WALL	180	Right	68	37.78	90	none	Existing	No
PANTRY WEST	PANTRY	EXTERIOR WALL	270	Front	51	0	90	none	Existing	No
PANTRY NORTH	PANTRY	EXTERIOR WALL	180	Right	73	20756	90	none	Existing	No
KITCHEN NORTH	KITCHEN	EXTERIOR WALL	180	Right	136	20377	90	none	Existing	No
KITCHEN SOUTH	KITCHEN	EXTERIOR WALL	0	Left	135	21.606	90	none	Existing	No
BATH NORTH	BATH	EXTERIOR WALL	226	Right	59	7.41	90	none	New	n/a
BED 1 NORTH	BED 1	EXTERIOR WALL	226	Right	106	17.056	90	none	Existing	No
BED 1 EAST	BED 1	EXTERIOR WALL	226	Back	106	19.3	90	none	New	n/a
BED 2 EAST	BED 2	EXTERIOR WALL	226	Back	40	17.716	90	none	New	n/a
OFFICE SOUTH	OFFICE 1	EXTERIOR WALL	226	Left	97.5	17.716	90	none	New	n/a
OFFICE EAST	OFFICE 1	EXTERIOR WALL	226	Back	97.5	20.97	90	none	New	n/a
M BED WEST	M BED	EXTERIOR WALL	226	Front	130	58.5	90	none	New	n/a
M BED NORTH	M BED	EXTERIOR WALL	226	Right	135	28	90	none	New	n/a
M BED EAST	M BED	EXTERIOR WALL	226	Back	26.5	12.988	90	none	New	n/a
M BATH EAST	M BATH	EXTERIOR WALL	226	Back	30	12.988	90	none	New	n/a
M BATH NORTH	M BATH	EXTERIOR WALL	226	Right	35	0	90	none	New	n/a
M OFFICE WEST	M OFFICE	EXTERIOR WALL	226	Front	77	30	90	none	New	n/a
M OFFICE SOUTH	M OFFICE	EXTERIOR WALL	226	Left	106	32	90	none	New	n/a
STAR SOUTH	STAR/HALLWAY	EXTERIOR WALL	226	Left	273	27	90	none	New	n/a
STAR EAST	STAR/HALLWAY	EXTERIOR WALL	226	Back	91	13.5	90	none	New	n/a

Registration Number: 420-P010027159A-000-000-000000-0000  
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C191-PRF-01E

(Page 5 of 14)

01	02	03	04	05	06	07	08	09	10	11
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft²)	Window and Door Area (ft²)	TIR (deg)	Wall Exceptions	Status	Verified Existing Condition
LIVING ROOM CEILING	LIVING ROOM	CEILING BELOW ATTIC	n/a	n/a	225	n/a	n/a	n/a	Existing	No
KITCHEN CEILING	KITCHEN	CEILING BELOW ATTIC	n/a	n/a	353	n/a	n/a	n/a	Existing	No
BATH CEILING	BATH	CEILING BELOW ATTIC	n/a	n/a	62	n/a	n/a	n/a	Existing	No
LIVING ROOM FLOOR	LIVING ROOM	FLOOR OVER CRAWLSPACE	n/a	n/a	1275	n/a	n/a	n/a	Existing	No
PANTRY FLOOR	PANTRY	FLOOR OVER CRAWLSPACE	n/a	n/a	41	n/a	n/a	n/a	Existing	No
KITCHEN FLOOR	KITCHEN	FLOOR OVER CRAWLSPACE	n/a	n/a	353	n/a	n/a	n/a	Existing	No
BATH FLOOR	BATH	FLOOR OVER CRAWLSPACE	n/a	n/a	62	n/a	n/a	n/a	Existing	No
LAUNDRY FLOOR	LAUNDRY	FLOOR OVER CRAWLSPACE	n/a	n/a	78	n/a	n/a	n/a	New	n/a
BED 1 FLOOR	BED 1	FLOOR OVER CRAWLSPACE	n/a	n/a	142	n/a	n/a	n/a	Existing	No
BED 2 FLOOR	BED 2	FLOOR OVER CRAWLSPACE	n/a	n/a	135	n/a	n/a	n/a	Existing	No
OFFICE FLOOR	OFFICE 1	FLOOR OVER CRAWLSPACE	n/a	n/a	80	n/a	n/a	n/a	New	n/a
LAUNDRY CEILING	LAUNDRY	INTERIOR CEILING	n/a	n/a	78	n/a	n/a	n/a	New	n/a
BED 1 CEILING	BED 1	INTERIOR CEILING	n/a	n/a	130	n/a	n/a	n/a	Existing	No
BED 2 CEILING	BED 2	INTERIOR CEILING	n/a	n/a	101	n/a	n/a	n/a	Existing	No
M BED CEILING	M BED	INTERIOR CEILING	n/a	n/a	145	n/a	n/a	n/a	New	n/a
M BATH CEILING	M BATH	INTERIOR CEILING	n/a	n/a	30	n/a	n/a	n/a	New	n/a
M OFFICE CEILING	M OFFICE	INTERIOR CEILING	n/a	n/a	134	n/a	n/a	n/a	New	n/a

Registration Number: 420-P010027159A-000-000-000000-0000  
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C191-PRF-01E

(Page 3 of 14)

01	02	03	04	05	06	07	
01	Project Name	CENTRAL AVE					07
02	Conditioned Floor Area (ft²)	1951					1
03	Number of Dwelling Units	1					1
04	Number of Bedrooms	12					0
05	Number of Zones	0					0
06	Number of Ventilation Cooling Systems	0					0
07	Number of Water Heating Systems	0					0

01	02	03	04	05	06	07
Zone Name	Zone Type	HVAC System Name	2064 Floor Area (ft²)	Avg. Ceiling Height	Water Heating System 1	Water Heating System 2
LIVING ROOM	Living	HVAC System 1	275	9.75	DHW System 1	N/A
PANTRY	Living	HVAC System 1	41	9.75	DHW System 1	N/A
KITCHEN	Living	HVAC System 1	353	9.75	DHW System 1	N/A
BATH	Living	HVAC System 1	62	9.75	DHW System 1	N/A
LAUNDRY	Living	HVAC System 1	78	9.75	DHW System 1	N/A
BED 1	Sleeping	HVAC System 1	110	9.75	DHW System 1	N/A
BED 2	Sleeping	HVAC System 1	101	9.75	DHW System 1	N/A
OFFICE 1	Living	HVAC System 1	145	9.75	DHW System 1	N/A
M BED	Sleeping	HVAC System 1	114	8.5	DHW System 1	N/A
M BATH	Living	HVAC System 1	30	8.25	DHW System 1	N/A
M OFFICE	Living	HVAC System 1	115	8.5	DHW System 1	N/A
STAR/HALLWAY	Living	HVAC System 1	165	13	DHW System 1	N/A

Registration Number: 420-P010027159A-000-000-000000-0000  
CA Building Energy Efficiency Standards - 2019 Residential Compliance  
Report Version: 2019.1.108  
Schema Version: rev 20200301

Registration Date/Time: 03/05/2020 21:30

**CERTIFICATE OF COMPLIANCE**

Project Name: CENTRAL AVE  
Calculation Description:  
Calculation Date/Time: 2020-03-05T21:21:31-08:00  
Input File Name: CENTRAL\_AVE\_03\_05\_20.rch29

**CF1R-PHF-01E**

(Page 7 of 14)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Name	Type	Surface	Orientation	Admittance	Width (ft)	Height (ft)	Area (ft²)	U-Factor	U-Source	SHGC	SHGC Source	Interior Shading	Status	Verified Existing Condition	
LIVING ROOM 55	Window	LIVING ROOM WEST	Front	270	2.66	6.6	15.96	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
LIVING ROOM 55-2	Window	LIVING ROOM WEST	Front	270	2.66	6.6	15.96	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
39	Window	LIVING ROOM WEST	Front	270	3	6.66	15.98	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
Window 4	Window	LIVING ROOM NORTH	Left	0	3	3.66	10.98	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
PANTRY 61	Window	PANTRY NORTH	Right	180	2.66	2.66	7.08	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
KITCHEN 60	Window	KITCHEN NORTH	Right	180	2.33	4.5	10.48	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
KITCHEN 60-2	Window	KITCHEN NORTH	Right	180	2.33	4.5	10.48	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
KITCHEN 60-3	Window	KITCHEN SOUTH	Left	0	2.33	4.5	10.48	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
KITCHEN 60-4	Window	KITCHEN SOUTH	Left	0	2.33	4.5	10.48	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
KITCHEN DOOR 51	Window	KITCHEN NORTH	Left	0	3.66	6.66	17.72	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
BATH 59	Window	BATH NORTH	Right	180	3.9	1.9	9.41	0.32	NFRC	0.5	NFRC	Bag Screen	Existing	No	
BED 1 58-1	Window	BED 1 NORTH	Right	180	2.33	3.66	8.53	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
BED 1 58-2	Window	BED 1 NORTH	Right	180	2.33	3.66	8.53	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
BED 1 64	Window	BED 1 EAST	Back	90	5	6.66	13.13	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
BED 2 66	Window	BED 2 EAST	Back	90	2.66	6.66	17.72	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	

Registration Number: 420-PH100271584-000-000-000000-0000  
CA Building Energy Efficiency Standards - 2019 Residential Compliance

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Schema Version: rev 20200101

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Calculation Date/Time: 2020-03-05T21:21:31-08:00  
Input File Name: CENTRAL\_AVE\_03\_05\_20.rch29

**CF1R-PHF-01E**

(Page 10 of 14)

01	02	03	04	05	06	07	08
Construction Name	Surface Type	Construction Type	Framing	Total Cavity R-value	Interior / Exterior Condensence R-value	U-Factor	Assembly Layers
Asphalt Shingle Roof	Attic Roofs	Wood Framed Ceiling	2x4 @ 16 in. O.C.	R-0	None / None	0.629	Roofing: Light Roof (Asphalt Shingles) Roof Deck: Wood Siding/Sheathing/Decking Cavity / Frame: no stud / 2x4
FLOOR OVER CRAWLSPACE	Floors Over Crawlspace	Wood Framed Floor	2x8 @ 16 in. O.C.	R-21	None / None	0.047	Floor Surface: Hardwood Floor Deck: Wood Siding/Sheathing/Decking Cavity / Frame: R-21 / 2x8
CEILING BELOW ATTIC	Ceilings (Below Attic)	Wood Framed Ceiling	2x12 @ 16 in. O.C.	R-30	None / None	0.035	Attic Floor: Wood Siding/Sheathing/Decking Cavity / Frame: R-29.2 / 2x12 Walls: Finish Gypsum Board
INTERIOR FLOOR	Interior Floors	Wood Framed Floor	2x12 @ 16 in. O.C.	R-0	None / None	0.276	Floor Surface: Hardwood Floor Deck: Wood Siding/Sheathing/Decking Cavity / Frame: no stud / 2x12 Ceiling Below Finish: Gypsum Board
INTERIOR CEILING	Interior Ceiling	Wood Framed Ceiling	2x4 @ 16 in. O.C.	R-0	None / None	0.35	Roof Deck: Wood Siding/Sheathing/Decking Cavity / Frame: no stud / 2x4 Ceiling Below Finish: Gypsum Board

01	02	03	04
Quality Insulation Installation (QI)	Quality Installation of Spray Foam Insulation	Building Envelope Air Leakage	CFM50
Not Required	Not Required	Not Required	n/a

Registration Number: 420-PH100271584-000-000-000000-0000  
CA Building Energy Efficiency Standards - 2019 Residential Compliance

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Input File Name: CENTRAL\_AVE\_03\_05\_20.rch29

**CF1R-PHF-01E**

(Page 8 of 14)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Name	Type	Surface	Orientation	Admittance	Width (ft)	Height (ft)	Area (ft²)	U-Factor	U-Source	SHGC	SHGC Source	Interior Shading	Status	Verified Existing Condition	
OFFICE 54	Window	OFFICE SOUTH	Left	0	2.66	6.66	17.32	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
OFFICE 66-1	Window	OFFICE EAST	Back	90	2.33	4.5	10.48	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
OFFICE 66-2	Window	OFFICE EAST	Back	90	2.33	4.5	10.48	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
M BED 80	Window	M BED WEST	Front	270	3	14.3	35.83	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
M BED 77-2	Window	M BED NORTH	Right	180	3.5	1.4	11.14	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
M BED 77-3	Window	M BED NORTH	Right	180	3.5	1.4	11.14	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
M BED 73	Window	M BED NORTH	Right	180	3.5	1.4	11.14	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
M BED 73-2	Window	M BED EAST	Back	90	2.33	3.98	7.76	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
M BATH 73	Window	M BATH SOUTH	Back	90	2.33	3.33	7.76	0.32	NFRC	0.5	NFRC	Bag Screen	New	n/a	
M OFFICE 81	Window	M OFFICE WEST	Front	270	0	5	11.39	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
M OFFICE 10	Window	M OFFICE SOUTH	Left	0	3	4	11.14	0.32	NFRC	0.25	NFRC	Bag Screen	New	n/a	
STAR 45	Window	STAR SOUTH	Left	0	3	4.5	11.33	0.3	NFRC	0.25	NFRC	Bag Screen	New	n/a	
STAR 45-1	Window	STAR SOUTH	Left	0	3	4.5	11.33	0.3	NFRC	0.25	NFRC	Bag Screen	New	n/a	
STAR 45-2	Window	STAR EAST	Back	90	3	4.5	11.33	0.3	NFRC	0.25	NFRC	Bag Screen	New	n/a	
M BED SKYLIGHT 82-1	Skylight	M BED CEILING	Right	180	1	1	0.32	NFRC	0.25	NFRC	None	New	n/a		
M BED SKYLIGHT 82-2	Skylight	M BED CEILING	Right	180	1	1	0.32	NFRC	0.25	NFRC	None	New	n/a		
M BATH SKYLIGHT 54	Skylight	M BATH CEILING	Right	180	1	1	0.32	NFRC	0.25	NFRC	None	New	n/a		

Registration Number: 420-PH100271584-000-000-000000-0000  
CA Building Energy Efficiency Standards - 2019 Residential Compliance

Report Version: 2019.1.106  
Schema Version: rev 20200101

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Report Generated: 2020-03-05 21:26:05

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Calculation Date/Time: 2020-03-05T21:21:31-08:00  
Input File Name: CENTRAL\_AVE\_03\_05\_20.rch29

**CF1R-PHF-01E**

(Page 11 of 14)

01	02	03	04	05	06	07	08	09	10
Name	System Type	Distribution Type	Water Heater Name (H)	Solar Heating System	Compact Distribution	HERS Verification	Status	Verified Existing Condition	Existing Water Heating System
DHW System 1	Domestic Hot Water (DHW)	Standard Distribution System	Water Heater 1 (1)	n/a	None	n/a	New	NA	None

01	02	03	04	05	06	07	08	09	10	11	12	13	14
Name	Heating Element Type	Tank Type	# Tanks (Vol. Gall)	Energy Factor or Efficiency	Input Rating or Flow Rate	Tank Staircase R-value (ft²/Lat)	Staircase or Recovery Eff.	1st Hr. Rating or Flow Rate	NEEA Heat Pump Brand or Model	Tank Location or Ambient Condition	Status	Verified Existing Condition	
Water Heater 1	Gas	Consumer Instantaneous	1	0	0.81449	+100	0	n/a	n/a	n/a	Now	n/a	

01	02	03	04	05	06	07	08
Name	Pipe Insulation	Parallel Piping	Compact Distribution	Compact Distribution Type	Recirculation Control	Central DHW Distribution	Shower Drain Water Recovery
DHW System 1 - 1/2	Not Required	Not Required	Not Required	None	Not Required	Not Required	Not Required

01	02	03	04	05	06	07	08	09	10	11
Name	System Type	Heating Unit Name	Cooling Unit Name	Fan Name	Distribution Name	Required Thermostat Type	Status	Verified Existing Condition	Heating Equipment Count	Cooling Equipment Count
HVAC System 1	Heating and cooling system other	Heating System HG	Cooling System 1	HVAC Fan System 1	Distribution System 1	Setback	New	No	1	1

Registration Number: 420-PH100271584-000-000-000000-0000  
CA Building Energy Efficiency Standards - 2019 Residential Compliance

Report Version: 2019.1.106  
Schema Version: rev 20200101

Registration Date/Time: 03/05/2020 21:30  
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Report Generated: 2020-03-05 21:26:05

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Project Name: CENTRAL AVE  
Calculation Description:  
Calculation Date/Time: 2020-03-05T21:21:31-08:00  
Input File Name: CENTRAL\_AVE\_03\_05\_20.rch29

**CF1R-PHF-01E**

(Page 9 of 14)

01	02	03	04	05	06	07	08
Name	Side of Building	Area (ft²)	U-Factor	Status	Verified Existing Condition		
32	LIVING ROOM NORTH	17.78	0.5	Existing	No		

01	02	03	04	05	06	07	08
Construction Name	Surface Type	Construction Type	Framing	Total Cavity R-value	Interior / Exterior Condensence R-value	U-Factor	Assembly Layers
EXTERIOR WALL	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O.C.	R-13	None / None	0.088	Inside Finish: Gypsum Board Cavity / Frame: R-13 / 2x4 Sheathing / Insulation: Wood Siding/Sheathing/Decking Exterior Finish: Wood Siding/Sheathing/Decking
EXTERIOR WALL 2X6	Exterior Walls	Wood Framed Wall	2x6 @ 16 in. O.C.	R-19	R-6 / None	0.047	Inside Finish: Gypsum Board Sheathing / Insulation: R-6 Sheathing Cavity / Frame: R-19 in R-12 in. (R-13) / 2x6 Exterior Finish: Wood Siding/Sheathing/Decking
CATHEDRAL CEILING	Cathedral Ceilings	Wood Framed Ceiling	2x12 @ 16 in. O.C.	R-36	None / R-6	0.025	Roofing: Light Roof (Asphalt Shingles) Above Deck: Insulation: R-6 Sheathing Roof Deck: Wood Siding/Sheathing/Decking Cavity / Frame: R-36 in R-12 in. (R-37) / 2x12 Inside Finish: Gypsum Board Cavity / Frame: no stud / 2x4 Other Side Finish: Gypsum Board
INTERIOR WALL	Interior Walls	Wood Framed Wall	2x4 @ 16 in. O.C.	R-0	None / None	0.277	Inside Finish: Gypsum Board

Registration Number: 420-PH100271584-000-000-000000-0000  
CA Building Energy Efficiency Standards - 2019 Residential Compliance

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Input File Name: CENTRAL\_AVE\_03\_05\_20.rch29

**CF1R-PHF-01E**

(Page 12 of 14)

01	02	03	04
Name	System Type	Number of Units	Heating Efficiency
Heating System HG	Central gas furnace	1	AFUE-92

01	02	03	04	05	06	07	08
Name	System Type	Number of Units	Efficiency EER	Efficiency SEER	Zonally Controlled	Multi-speed Compressor	HERS Verification
Cooling System 1	No Cooling	1			Not Zoned	Single Speed	n/a

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Name	Type	Design Type	Duct Ins. R-value	Duct Location	Surface Area	Supply Return	Repeat Duct	Duct Leakage	HERS Verification	Status	Verified Existing Condition	Leaking Distribution System	New Ducts 40 ft		
Distrib. on System 1	Unconditioned crawl space	Non-Verified	R-6	R-6	Crawl Space	Crawl Space	n/a	n/a	No	Sealed and Tested	Distributed on System 1-hers-dist	None	n/a	n/a	n/a

01	02	03	04	05	06	07	08	09
Name	Duct Leakage Verification	Duct Leakage Target (%)	Verified Duct Location	Verified Duct Design	Buried Ducts	Deeply Buried Ducts	Low-leakage Air Handler	Low Leakage Ducts Exposed to Conditioned Space
Distribution System 3-hers-dist	Yes	5.0	Not Required	Not Required	Not Required	Credit not taken	Not Required	No

Registration Number: 420-PH100271584-000-000-000000-0000  
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OWNER  
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95010

ENGINEER  
STREETER GROUP, INC.  
2571 Main Street, Suite C  
Soquel, CA 95073 (831) 477-1781

SURVEYOR  
N/A

GENERAL CONTRACTOR  
LIC#

LEGEND  
(E) TO REMAIN  
(D) DEMO / TO BE REMOVED (TBR)  
(I) NOT IN CONTRACT (INC)  
(N) CONSTRUCTION  
XXXXXXXXXXXXXXXXXXXX

NO. ISSUE DATE

PROJECT  
CENTRAL  
216 CENTRAL AVE. CAPITOLA, CA  
95010

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CF1R-PRF-01E  
(Page 13 of 14)

01	02	03	04
Name	Type	Fan Power (Watts/CFM)	Name
HVAC Fan System 1	HVAC Fan	0.45	n/a

01	02	03	04	05	06
Dwelling Unit	IAQ CFM	IAQ Watts/CFM	IAQ Fan Type	IAQ Recovery Effectiveness (R)	IAQ Recovery Effectiveness (SRE)
1flam IAQventHtz	85	0.25	Default	0	n/a



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CF1R-PRF-01E  
(Page 14 of 14)

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
I, I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Scott John Davis  
Company: AT3STUDIO  
Address: PO Box 31017  
City/State/Zip: Los Angeles, CA 90031

Documentation Author Signature: *Scott John Davis*  
Registration Date: 03/05/2020  
SEA/HERS Certification Identification (if applicable): (962) 715-1535  
Phone: (962) 715-1535

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
I certify the following under penalty of perjury, under the laws of the State of California:  
1. I am eligible under Division 1 of the Business and Professions Code to accept responsibility for the building design identified on this Certificate of Compliance.  
2. I certify that the energy features and performance specifications identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
3. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

Responsible Designer Name: Scott John Davis  
Company: AT3STUDIO  
Address: PO Box 31017  
City/State/Zip: Los Angeles, CA 90031

Responsible Designer Signature: *Scott John Davis*  
Registration Date: 03/05/2020  
SEA/HERS Certification Identification (if applicable): (962) 715-1535  
Phone: (962) 715-1535

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LEGEND

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ISSUE

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PROJECT

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SHEET TITLE

CEC

SHEET NUMBER

A700.2

gigante AG 2013



### 2019 Low-Rise Residential Mandatory Measures Summary

NOTE: Low-rise residential buildings subject to the Energy Standards must comply with all applicable mandatory measures, regardless of the compliance approach used. Review the respective section for more information. \*Exceptions may apply. (01/20/20)

Table with 2 columns: Measure ID and Description. Includes sections for Building Envelope Measures, Mechanical and Electrical Systems, and Energy Conservation. Key items include Air Leakage, Insulation, Radiant Barriers, Vapor Retarders, and Energy Star Appliances.



### 2019 Low-Rise Residential Mandatory Measures Summary

Table with 2 columns: Measure ID and Description. Includes sections for Requirements for Ventilation and Indoor Air Quality, Mechanical and Electrical Systems, and Energy Conservation. Key items include Ventilation, Energy Star Appliances, and Lighting Measures.



### 2019 Low-Rise Residential Mandatory Measures Summary

Table with 2 columns: Measure ID and Description. Includes sections for Mechanical and Electrical Systems, Energy Conservation, and Energy Conservation. Key items include Chilled Water, Water Heating, and Recirculating Loops.



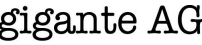
### 2019 Low-Rise Residential Mandatory Measures Summary

Table with 2 columns: Measure ID and Description. Includes sections for Mechanical and Electrical Systems, Energy Conservation, and Energy Conservation. Key items include Ducts and Fan Measures, Energy Star Appliances, and Energy Conservation.



### 2019 Low-Rise Residential Mandatory Measures Summary

Table with 2 columns: Measure ID and Description. Includes sections for Mechanical and Electrical Systems, Energy Conservation, and Energy Conservation. Key items include Interior Switches and Controls, Energy Star Appliances, and Energy Conservation.



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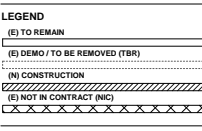
SURVEYOR

N/A

GENERAL CONTRACTOR

LIC#

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PROJECT

CENTRAL 216 CENTRAL AVE. CAPITOLA, CA 95010

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SHEET TITLE

MANDATORY MEASURES

SHEET NUMBER

A702



**FIREPLACE XTRODINAIR**  
SECTION 10 31 16  
MANUFACTURED FIREPLACES

Display hidden notes to specifier. (Don't know how? [Click Here](#))

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**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Manufactured Gas Fireplaces.

**1.2 RELATED SECTIONS**

- A. Section 04 22 00.16 - Surface-Bonded Concrete Unit Masonry.
- B. Section 06 10 00 - Rough Carpentry.
- C. Section 09 29 00 - Gypsum Board.
- D. Section 22 10 00 - Plumbing Piping.
- E. Section 26 05 00 - Common Work Results for Electrical

**1.3 REFERENCES**

- A. ANSI Z21.44 - Gas-Fired Gravity and Fan Type Direct Vent Wall Furnaces.
- B. ANSI Z21.88 - Vented Gas Fireplace Heaters.
- C. Z21.50b - Vented Gas Fireplaces.
- D. ANSI Z223.1 - National Fuel Gas Code.
- E. CSA 2.22b - Vented Gas Fireplaces.
- F. CSA 2.33 - Vented Gas Fireplace Heaters.
- G. CANULC S610 - Factory-Built Fireplaces.
- H. UL 127 - Standard for Factory-Built Fireplaces.
- I. UL 907 - Standard for Fireplace Accessories
- J. UL 1482 - Standard for Safety for Solid-Fuel Type Room Heaters.

**1.4 SUBMITTALS**

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.

10 31 00-1

- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  1. Preparation instructions and recommendations.
  2. Storage and handling requirements and recommendations.
  3. Installation methods.

**1.5 DELIVERY, STORAGE, AND HANDLING**

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store products in covered area, well protected from weather.

**PART 2 PRODUCTS**

**2.1 MANUFACTURERS**

- A. Acceptable Manufacturer: Fireplace X - a division of Travis Industries; 12521 Harbour Reach Drive, Mukilteo, WA 98275. ASD. Tel. Toll Free: (800) 654-1177. Tel: (425) 609-2500. Fax: (425) 609-2781. Email: request info (stoveinfo@travis-inc.com). Web: www.travisindustries.com.

- B. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

**2.2 GAS BURNING MANUFACTURED FIREPLACES**

- A. General: Travis Industries Fireplace Xtrodinair gas burning manufactured fireplaces.

- 1. Comply with applicable building codes.
- 2. Comply with ANSI Z21.88/CSA 2.33 or Z21.50b/CSA 2.22b.
- 3. WHI listed.

- B. Model Bed and Breakfast GSR2: Top or Rear vent, portrait style gas fireplace. Ideal for small tight locations such as bedrooms and baths. No. 98500236.

- 1. Framing Dimensions: 20-1/4 inches (514 mm) wide by 34-1/4 inches (869 mm) high by 12-3/4 inches (324 mm) deep when installed as a Rear Vent and 13-1/2 inches (335 mm) deep when installed as a Top Vent.
- 2. Vent: 8 inches (203 mm) outer diameter. Use Simpson Dura-Vent only.
- 3. Provided Ember-Fyre burner.
- 4. Heater Input: Up to 16,500 BTU/hr with natural gas or propane.
- 5. Faces, Bed & Breakfast:
  - a. Artisan, Charcoal No. 95700169.
- 6. Interiors:
  - a. Brick Beehive No. 98500669.
- 7. Accessories:
  - a. Vent, 21RV No. 98900166.

- C. Model 564 Space Saver Clean Face GSR2: Direct Vent. No. 98500251.

- 1. Framing Dimensions: 38-1/4 inches (972 mm) wide by 36-3/4 inches (934 mm) high by 19-1/8 inches (486 mm) deep.
- 2. Vent: 8 inches (203 mm) outer diameter. Use Simpson Dura-Vent with horizontal or vertical Duravent terminations only.
- 3. Provide Two Stage Pan Burner.
- 4. Heater Input: Up to 20,500 BTU/hr with natural gas or propane.
- 5. Tile Trim:
  - a. Flat, 2 inch, Black No. 95900370.
- 6. Interior Style:
  - a. Fireback - Black Enamel No. 96100203.
- 7. Accessories:

10 31 00-2

- a. Flue Adapter, DV No. 98900165.
- b. GS Remote Control No. 99300690 (NG).

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Verify proper power supply and fuel source are available.

**3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

**3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions, ANSI Z21.44 and the requirements of authorities having jurisdiction.
- B. Use manufacturer's guidelines for minimum clearances to combustibles, walls, and finishes.
- C. Anchor all components firmly in position for long life under hard use.
- D. Upon completion of installation, visually inspect all exposed surfaces. Touch up scratches and abrasions with touch up paint recommended by the manufacturer; make imperfections invisible to the unaided eye from a distance of 5 feet (1.5 m).

**3.4 PROTECTION**

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

10 31 00-3

**gigante AG**

R. SCOTT MITCHELL

176B N SAN FERNANDO ROAD  
LOS ANGELES, CA 90031

T 323 843 2201  
F 323 276 0988

**CLIENT**

LYNN JACKSON

**OWNER**

LYNN JACKSON  
216 CENTRAL AVE. CAPITOLA, CA  
95010

**ENGINEER**

STREETER GROUP, INC.  
2371 Main Street, Suite C  
Soquel, CA 95073 (831) 477-1781

**SURVEYOR**

N/A

**GENERAL CONTRACTOR**

LIC#

**LEGEND**

(E) TO REMAIN

(D) DEMO TO BE REMOVED (TBR)

(N) CONSTRUCTION

(I) NOT IN CONTRACT (INC)

NO.	ISSUE	DATE

**PROJECT**

CENTRAL  
216 CENTRAL AVE. CAPITOLA, CA  
95010

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**SHEET TITLE**

PRODUCT SPECS

**SHEET NUMBER**

A800



### LEGEND

(E) TO REMAIN

(E) DEMO / TO BE REMOVED (TBR)

(N) CONSTRUCTION

(E) NOT IN CONTACT (ENG)

(X) NOT IN CONTACT (XNG)

NO.	ISSUE	DATE

### PROJECT

CENTRAL  
216 CENTRAL AVE. CAPITOLA, CA  
95010

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### SHEET TITLE

LANDSCAPE PLAN

### SHEET NUMBER

L100

### Trees

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 1 Malus domestica 'Gala'           | 12 Jacaranda mimosifolia        |
| 2 Persea americana 'Gwen'          | 13 Leptosperum 'Dark Shadows'   |
| 3 Accacia cognata                  | 14 Magnolia grandifolia         |
| 4 Brugmansia x can                 | 15 Magnolia 'Butterflies'       |
| 5 Brachychiton populensis          | 16 Melaleuca sp.                |
| 6 Cercis canadensis 'F.P.'         | 17 Paulownia tomentosa          |
| 7 Cornus capitata 'Mountain Moon'  | 18 Prunus salicina 'Santa Rosa' |
| 8 Crataegus Lae.                   | 19 Prunus salicina 'Shiro'      |
| 9 Eucalyptus cinerea               | 20 Persimmon fuyu               |
| 10 Euonymus europ.                 | 21 Pyrus calleryana             |
| 11 Fagus sylvan. 'Purple fountain' | 22 Pinus sp.                    |

### Shrubs

- |                      |                              |                            |
|----------------------|------------------------------|----------------------------|
| 1 Azellia sp         | 10 Fuchsia paniculata        | 19 Paeonia Itoh sp         |
| 2 Banksia sp.        | 11 Garrya elliptica          | 20 Pittosporum crass. var  |
| 3 Cantua bux.        | 12 Guava chilienese          | 21 Rosa sp.                |
| 4 Cestrum auran.     | 13 Hebe sp                   | 22 Senecio past.           |
| 5 Citrus calamondin  | 14 Hypericum fon. 'Hidicote' | 23 Sarcococca con.         |
| 6 Citrus cara cara   | 15 Leucodendron sp           | 24 Spiraea x van.          |
| 7 Citrus meyer lemon | 16 Leucaperum sp             | 25 Viburnum opulus         |
| 8 Citrus trovolia    | 17 Hibiscus syr.             | 26 Heptacodium miconioides |
| 9 Fuchsia sp         | 18 Pittosporum ovalifolia    |                            |

### Small Plants

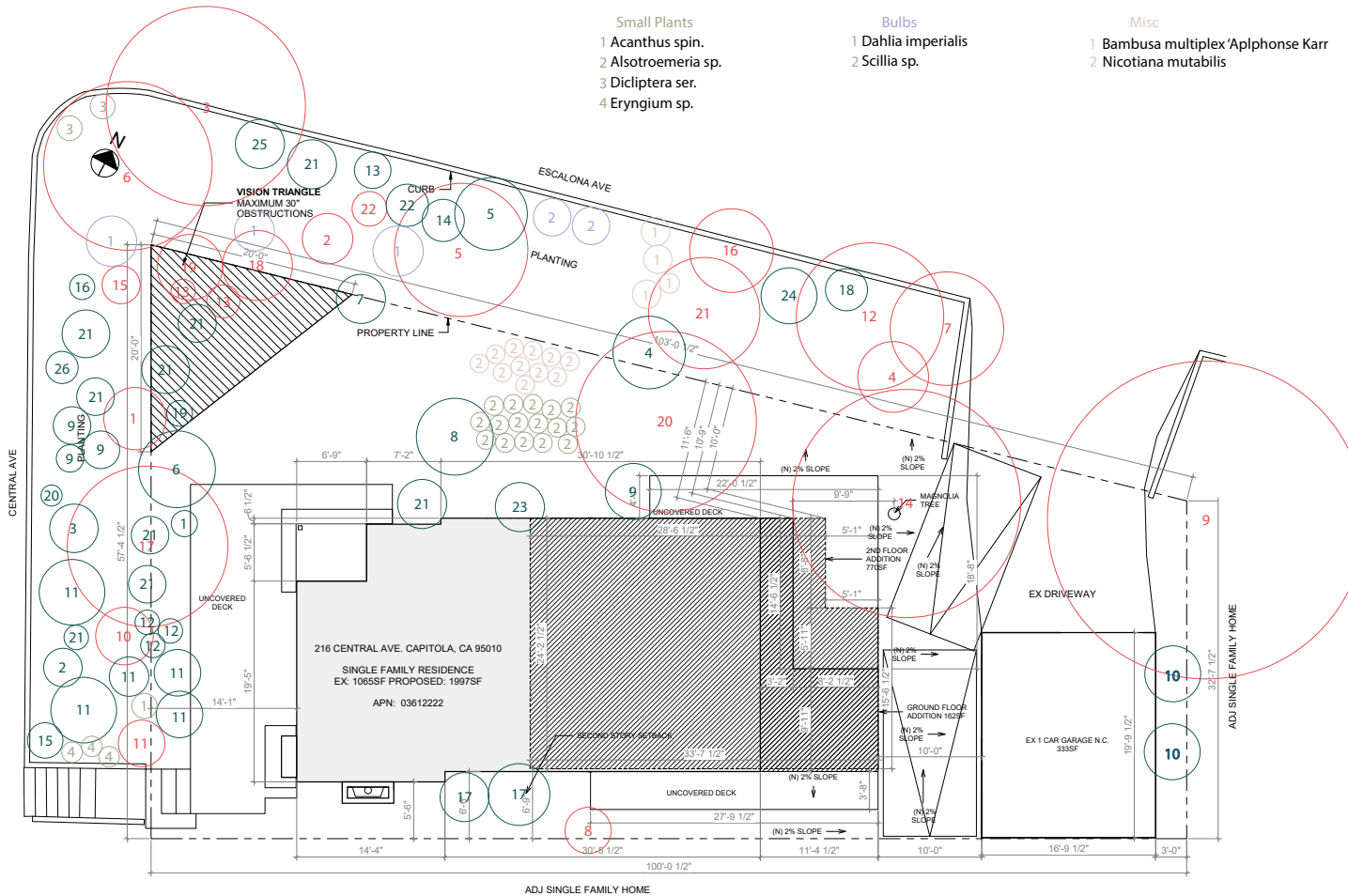
- Acanthus spin.
- Alstroemeria sp.
- Dicliptera ser.
- Eryngium sp.

### Bulbs

- Dahlia imperialis
- Scilla sp.

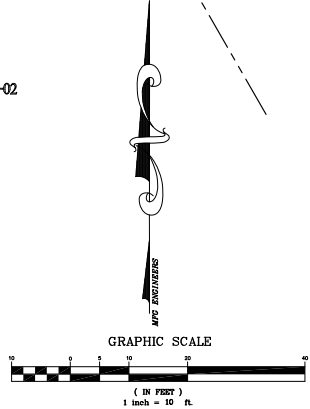
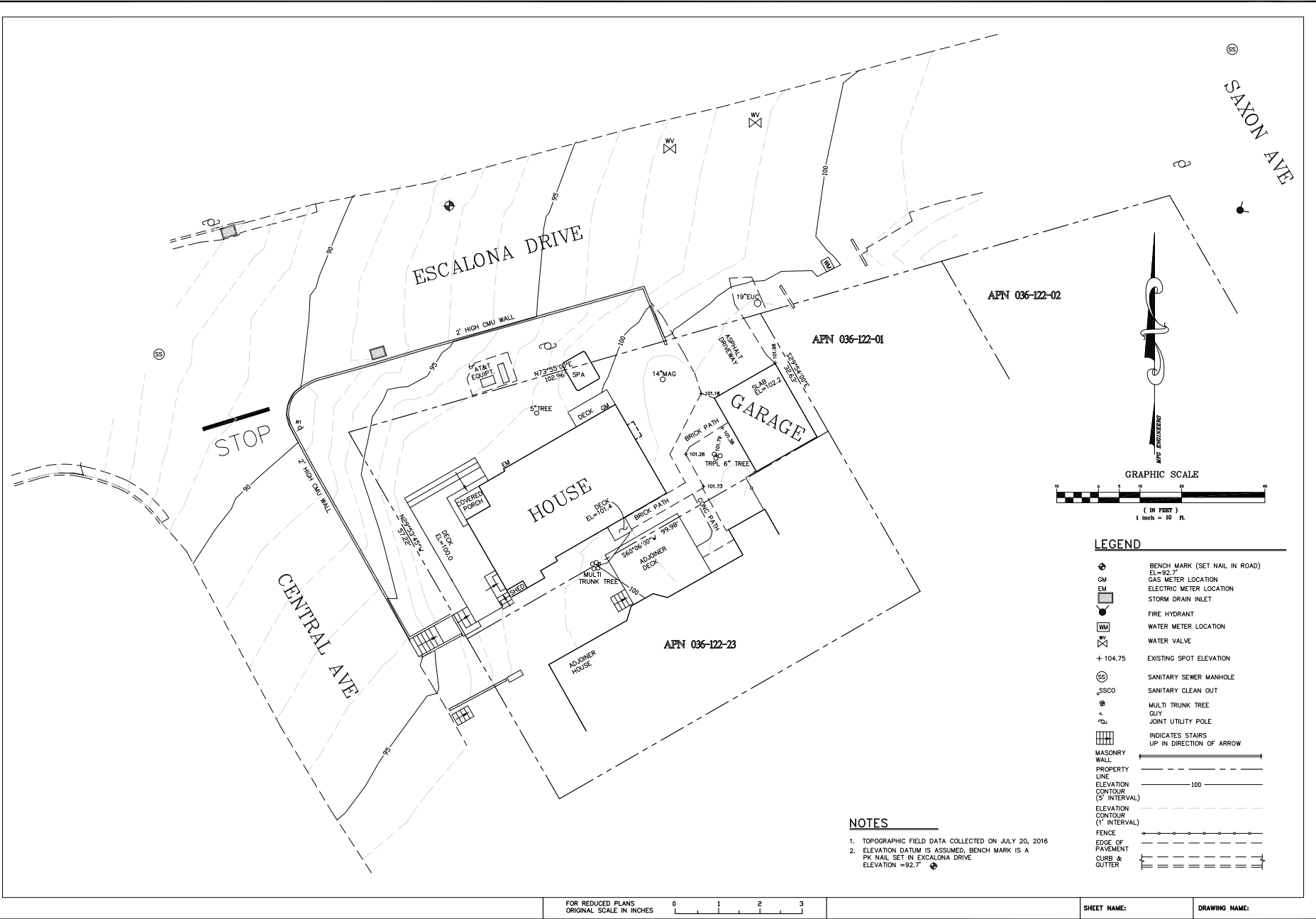
### Misc

- Bambusa multiplex 'Aplhonse Karr
- Nicotiana mutabilis



1 SITE PLAN NEW  
3/16" = 1'-0"



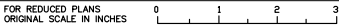


**LEGEND**

- BENCH MARK (SET NAIL IN ROAD)  
EL=92.7'
- GAS METER LOCATION
- ELECTRIC METER LOCATION
- STORM DRAIN INLET
- FIRE HYDRANT
- WATER METER LOCATION
- WATER VALVE
- + 104.75 EXISTING SPOT ELEVATION
- SANITARY SEWER MANHOLE
- SANITARY CLEAN OUT
- MULTI TRUNK TREE
- GUY
- JOINT UTILITY POLE
- INDICATES STAIRS  
UP IN DIRECTION OF ARROW
- MASONRY WALL
- PROPERTY LINE
- ELEVATION CONTOUR (5' INTERVAL)
- ELEVATION CONTOUR (1' INTERVAL)
- FENCE
- EDGE OF PAVEMENT
- CURB & GUTTER

**NOTES**

1. TOPOGRAPHIC FIELD DATA COLLECTED ON JULY 20, 2016
2. ELEVATION DATUM IS ASSUMED, BENCH MARK IS A PK NAIL SET IN ESCALONA DRIVE ELEVATION = 92.7'



SHEET NAME: DRAWING NAME:

BY	
REVISION	
DATE	
PROJECT ENGINEER	MFG Engineers, Inc. PO BOX 1914 APTOS, CA. 95001 TEL (837) 601-9519
APN 036-122-22	TOPOGRAPHIC MAP
	216 CENTRAL AV, CAPITOLA, CA
DRAWN: MFG	
CHECKED: MFG	
DATE: 7/2016	
SCALE: 1"=10'	
JOB NO.	
SHEET	
1	OF 1