

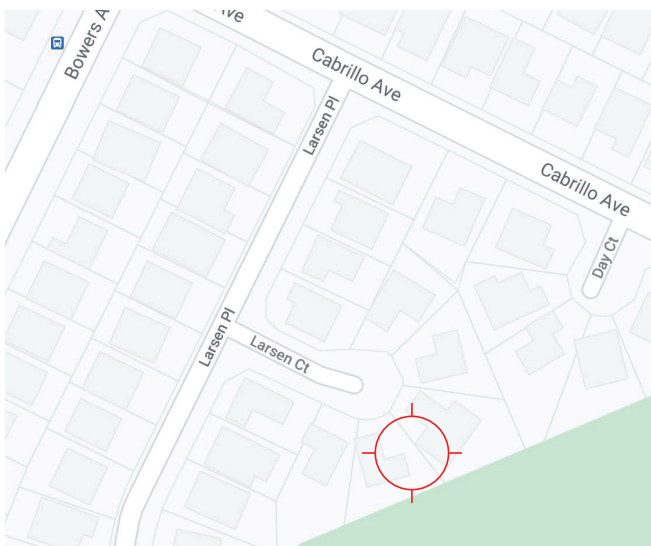
2043 LARSEN CT, SANTA CLARA, CA 95051

STREET ADDRESS	2043 LARSEN CT, SANTA CLARA, CA 95051
ASSESSOR'S PARCEL NUMBER	216.07.006
FIRE ZONE	
CONSTRUCTION TYPE	V
OCCUPANCY CLASSIFICATION	
BUILT YEAR	1938
FIRE SPRINKLER	NONE
EXISTING BEDROOM	
EXISTING BATHROOM	3 FULL
EXISTING GARAGE	2-CAR (ATTACHED)
PROPOSED BEDROOM - ADU	2
PROPOSED BATHROOM ADU	1 FULL
PROPOSED ADU LEVEL	

20 PROJECT INFORMATION

	EXISTING	PROPOSED PROJECT	REQUIRED /PERMITTED
<b>LOT SIZE (S.F.)</b>			
GROSS LOT AREA	8,001	0	
<b>BUILDING FLOOR AREA (S.F.)</b>			
MAIN LEVEL (1ST FLOOR)	1,123	761	
DRIFT FLOOR	637	0	
GARAGE	416		
FLOOR AREA GROSS	1,770	1,770 + 761 = 2,531	NONE
FLOOR AREA RATIO	1,770 / 8,001 = 22.12%	2,531 / 8,001 = 31.38%	
<b>SETBACKS (F.T.)</b>			
FRONT	-	-	-
REAR	-	-	10'
SIDE EAST	-	-	-
SIDE WEST	-	-	-
MAX HT. (F.T.)	-	-	-
<b>SITE COVERAGE (S.F. - GROSS)</b>			
MAIN LEVEL (1ST FLOOR)	1,123	761	
DRIFT FLOOR	637	0	
GARAGE	416		
SITE COVERAGE	1,339	1,339 + 761 = 2,330	-
SITE COVERAGE PERCENTAGE	1,339 / 8,001 = 19.24%	2,330 / 8,001 = 29.12%	-

## 18 PROJECT INFORMATION / PROJECT DATA TABLE



## 17 VICINITY MAP

ADD A NEW 834 SQ. FT. ATTACHED ADU TO THE REAR OF THE EXISTING HOUSE.  
THE ADU CONTAINS 2 BEDROOMS, 1 BATHROOM, 1 KITCHEN, AND 1 OFFICE.  
THE PV SYSTEM PER ENERGY FORMS WILL BE UNDER A SEPARATE PERMIT.  
"NO FIRE SPRINKLER."

4 PROJECT DESCRIPTION

**APPLICABLE CODES:**

2019 California Building Code (CBC) Volumes 1 & 2  
2019 California Residential Code (CRC)  
2019 California Green Buildings Standards Code (CalGreen)  
2019 California Mechanical Code (CMC)  
2019 California Electrical Code (CEC)  
2019 California Plumbing Code (CPC)  
2019 California Energy Code  
2019 California Fire Code  
2019 California REFERENCED STANDARD CODES

### 3 APPLICABLE BUILDING CODES

[illegible]

2 SHEET INDEX

**OWNER**

JENNY QIAN  
2043 LARSEN CT  
SANTA CLARA, CA  
95051

C: 510.881.9858  
JENQIAN@YAHOO.COM

**DESIGNER**

HAO WANG  
500 FOLSOM ST, UNIT 1502  
SAN FRANCISCO, CA 94105  
T: 925.464.9364  
HAOWANG@CO

**BUILDING ENERGY ANALYST**

TALORED ENERGY AND TESTING SERVICES LTD  
548 MARKET ST #20021  
SAN FRANCISCO, CA 94102-7775  
T: 888.310.0808

**STRUCTURAL ENGINEER**

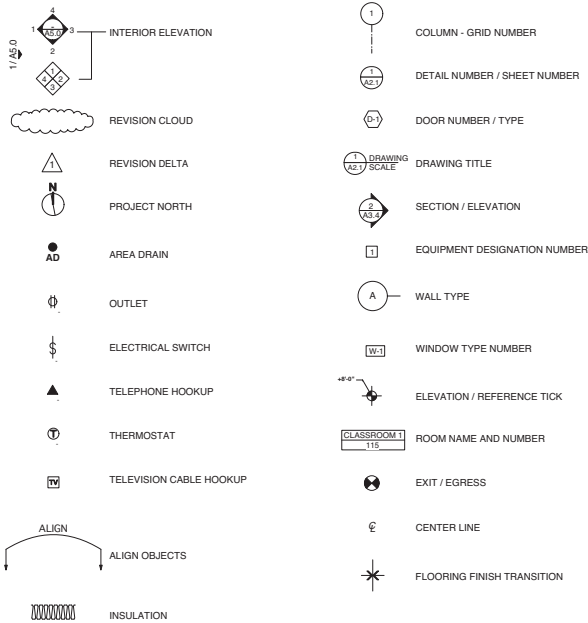
W.H. CONSULTANT  
1590 OAKLAND RD, SUITE B112  
SAN JOSE, CA 95131  
T: 548.985.6993

LARSEN CT  
2043 LARSEN CT  
SANTA CLARA,  
CA 95051

FOR  
BUILDING PERMIT  
DATE  
20 SEPTEMBER 2021  
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HW  
JOB NUMBER  
20006  
REVISIONS

**TITLE SHEET**

## A0.01



17 GRAPHIC SYMBOLS

ABBREVIATIONS

A.S.F.	ABOVE SUB FLOOR
ADJ.	ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
ALUM.	ALUMINUM
ATTN.	ATTENTION
BATHRM.	BATHROOM
BLDG.	BUILDING
BLKG.	BLOCKING
BD.	BOARD
CAB.	CABINETRY
CL.	CENTER LINE
CLG.	CEILING
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONT.	CONTINUOUS
CP	CENTER POINT
C.T.	CERAMIC TILE
DIA.	DIAMETER
DBL.	DOUBLE
DN	DOWN
DWGS.	DRAWINGS
EA.	EACH
E.J.	EXPANSION JOINT
ELEV.	ELEVATION
EQ.	EQUAL
EXIST'G	EXISTING
EXT.	EXTERIOR
F.B.O.	FURNISHED BY OWNER
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STRUCTURE
FIN.	FINISH
FLR.	FLOOR
GA.	GAUGE
GALV.	GALVANIZED
GL.	GLASS
GLU-LAM.	GLUE LAMINATED
GWB	GYPSUM WALL BOARD
HDWR	HARDWARE
H.M.	HOLLOW METAL
H.P.	HIGH POINT
HORIZ.	HORIZONTAL
HT.	HEIGHT
I.D.	INSIDE DIMENSION
J.B.	JUNCTION BOX
JT.	JOINT
LAM.	LAMINATED
LAV.	LAVATORY
L.P.	LOW POINT
MECH.	MECHANICAL
MIN.	MINIMUM
MR.	MOISTURE RESISTANT
MTL.	METAL
N.I.C.	NOT IN CONTRACT
NOM.	NOMINAL
NTS	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIMENSION
O.H.	OVERHEAD
OPNG	OPENING
OPP.	OPPOSITE
P.L.	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS.	PLASTER
PLYWOOD	PLYWOOD
PREFAB.	PREFABRICATED
PT.	POINT
PTD.	PAINTED
QTY.	QUANTITY
R	RISER
RAD.	RADIUS
R.D.	ROOF DRAIN
REF.	REFERENCE
REG.	REGISTER
REINF.	REINFORCING
REQ'D	REQUIRED
RETURN	RETURN
RM	ROOM
R.O.W.	RIGHT OF WAY
R.W.L.	RAIN WATER LEADER
SCHED.	SCHEDULE
SIM.	SIMILAR
SQ.	SQUARE
S.M.D.	SEE MECHANICAL DRAWINGS
S.S.D.	SEE STRUCTURAL DRAWINGS
S-STL.	STAINLESS STEEL
STD.	STANDARD
STL	STEEL
SUSP.	SUSPENDED
T	TREAD
T.B.D.	TO BE DETERMINED
T.O.	TOP OF
T.O.P.	TOP OF PARAPET
T.O.C.	TOP OF CONCRETE
T.O.W.	TOP OF WALL
THK.	THICK
VAR.	VARIES
VCT	VINYL COMPOSITE TILE
V.I.F.	VERIFY IN FIELD
W.C.	WATER CLOSET
WD	WOOD

9 VERBAL ABBREVIATIONS

GENERAL NOTES & CONDITIONS

C O N T R A C T

**GENERAL CONDITIONS:** AIA Document A201, General Conditions for the Performance of the Contract, is hereby incorporated into these drawings and shall be considered as part of the requirements for the work.

**EXISTING CONDITIONS:** Conditions shown on the drawings are as shown on the original drawings or as observed on the site, but their accuracy is not guaranteed. Contractor shall verify all dimensions and conditions at the site. All discrepancies shall be reported to architect prior to proceeding with the work.

**THE CONSTRUCTION DOCUMENTS:** are provided to illustrate the design and general type of construction desired and imply the finest quality of construction, material and workmanship throughout.

**PERMITS:** The contractor shall obtain and pay for all fees and permits relating to the project except for the General building Permit Plan Check Fee, which is the responsibility of the Owner.

**EXAMINATION OF THE SITE** and portions thereof which will affect this work shall be made immediately by the Contractor, who shall compare it with the drawings and satisfy himself to conditions under which work is to be performed. He shall at such time ascertain and check locations of the existing structures and equipment which may affect his work. No allowance shall be made for any extra expense to which he may be due because of failure or neglect on his part to make such examinations. Any conflicts or omissions, etc., shall be reported to the Architect before proceeding with any work.

**WORK PERFORMED:** All work listed, shown or implied on any construction document shall be **supplied and installed** by the Contractor except where noted. The Contractor shall closely coordinate his work with that of other contractors or vendors to assure that all schedules are met and that all work is done in conformance to manufacturers requirements. Work required under this Contract shall include all labor, materials, equipment, etc., necessary to complete this project. All materials shall be new and unused, unless specifically noted, and be of a quality acceptable by industry standards.

**ANY ERRORS, OMISSIONS, OR CONFLICTS** found in the various parts of the construction documents shall be brought to the attention of the Architect and the Owner before proceeding with the work.

**QUESTIONS:** All questions regarding project either during bidding phase or during construction shall be directed to the Designer Hao Wang at (925) 464-9364.

C O N S T R U C T I O N

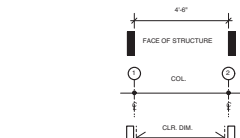
**SCHEDULE OF CONSTRUCTION:** Contractor shall provide Architect and Owner with a complete cost breakdown and **schedule of construction** for this project prior to commencement of work.

**BUILDING CODES:** All construction work, architectural, mechanical, plumbing, electrical, etc., shall conform to the 2019 Edition of the **California Building Code** and the latest edition of all governing codes and regulations as adopted by the local agencies. All work shall be done in a thorough, workmanlike manner and equal to the best standards of the practice.

**CONSTRUCTION DOCUMENTS:** The Contractor shall maintain a current and complete **Set of construction documents** on the job site during all phases of construction for use of all trades and shall provide all subcontractors with current construction documents as required. The Contractor, in assuming responsibility for the work indicated, shall comply with the spirit as well as with the letter in which they were drawn.

**DETAILS:** Details shown are typical. Similar details apply in similar conditions.

**DIMENSIONS:** All dimensions on construction drawings are to **face of structure**, e.g., face of stud (F.O.S.), or face of concrete (F.O.C.), **unless** otherwise noted to be the **Center Line** of a mullion, a partition, or a column line, etc., or to **Face of Finish** for clear dimensions. Vertical dimensions are to top of plate or top of subfloor in section or elevation unless otherwise noted.



All dimensions take precedence over scale. Any discrepancies shall be brought immediately to the attention of the Architect. Contractor shall not scale drawings. Questions regarding dimensions shall be brought to the attention of the Architect or Owner prior to any start of work.

Where **locations of windows and doors** are not dimensioned they shall be centered on the wall or placed two stud widths from adjacent wall as indicated on the drawings.

**Window sizes and door head heights** are nominal dimensions. Refer to manufacturer for actual rough opening sizes.

5 GENERAL NOTES

**PROVIDED:** The use of the word **'provided'** in connection with any item specified is intended to mean that such item shall be furnished, installed, and connected where so required, except as noted.

**MATERIALS:** All materials for use on a project shall be stored within the project site.

**PROTECTION OF NEW MATERIALS:** Contractor shall **protect new materials** and finishes from damage which may occur from construction, demolition, dust, water, etc., and shall provide and maintain temporary barricades, closure walls, etc., as required to protect the public as required during the period of construction. Damage to new materials, finishes, structures, and equipment shall be repaired or replaced. Contractor shall coordinate temporary barricades with Architect and / or Owner prior to commencement of

**SUBSTITUTIONS:** Substitutions, revisions or changes must have approval by the architect prior to proceeding with the work.

**MATERIAL TRANSITIONS:** All changes in floor materials occur at centerline of door or framed opening unless otherwise indicated on the drawings.

**DAMAGE:** The Contractor shall repair or replace any surface or items damaged by construction to the satisfaction of the Architect and Owner.

**PATCHING:** Properly prepare all surfaces for receiving the specified finishes including patching of surfaces altered by construction. On patched areas or areas where a finish is not specified, the finish shall match adjacent material in construction, color, and texture.

**WATERPROOFING:** Sealant, caulking, and flashing, etc., locations shown on drawings are not intended to be inclusive. Follow manufacturer's installation recommendations and standard industry and building practices.

**VENTILATION:** All attics, rafter spaces, soffits, crawl spaces, etc., shall be fully **ventilated**.

**WOOD BACKING:** Provide wood backing for all towel bars, etc.

**INSULATION:** Install batt insulation between studs and joists at all exterior walls, ceilings, and floors where exposed, except where shown on the drawings. Verify with Title 24 Report for compliance when appropriate.

**ELECTRICAL, MECHANICAL AND PLUMBING:** All electrical, mechanical, and plumbing work and materials shall be in full accordance with the latest rules and regulations of the National Board of Fire Underwriters, The Safety Orders of the Division of Industrial Safety, and any applicable state or local laws and ordinance. Nothing on these drawings is to be construed to permit work not conforming to these codes. Any questions regarding installations shall be brought to the Architect for clarification.

**CONSTRUCTION DEBRIS:** The Contractor shall remove all rubbish and waste materials of all subcontractors and trades on a regular basis, and shall exercise strict control over **job cleaning** to prevent any dirt, debris or dust from affecting in any way, finished areas in or outside the job site.

**CONTRACTOR'S PRESENCE:** Contractor shall personally **supervise** and direct the work or shall keep a competent employee, authorized to receive instructions and act on the Contractor's behalf, continuously on site during working hours.

C L O S E O U T

**REVIEW PROJECT:** Contractor shall **review project** with Architect and/or Owner to ensure that all requirements of the contract documents have been followed.

**CERTIFICATES AND NOTICES:** Contractor shall obtain all required **certificates** and **notices**.

**CLEAN AND READY FOR USE:** All work performed shall be **clean and ready for use**.

**PUNCH LIST:** Upon **SUBSTANTIAL COMPLETION**, the CONTRACTOR shall compile a **project punch list** noting any corrections or omissions for review by the architect and Owner or Owner's representative. Architect's acceptance will be cause for final payment, unless specifically determined otherwise by Owner.

**GUARANTEES:** The Contractor shall guarantee that the project will be free of defects of workmanship and materials for a period of one year from the date of acceptance from the owner. No work defective in construction or quantity or deficient in any requirement of the drawings or notes will be acceptable in consequence of the Owner's or Architect's failure to discover or point out defects or deficiencies during construction. Defect of workmanship or materials revealed within a period of one year from the date of acceptance shall be replaced by work conforming with the intent of the contract at no cost to the Owner. No payment, partial or final, shall be construed as acceptance of defective work or improper materials.

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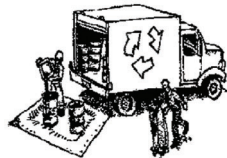
GENERAL NOTES

A0.02

# Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

## Materials & Waste Management



### Non-Hazardous Materials

- ❑ Bern and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- ❑ Use (but don't overuse) reclaimed water for dust control.

### Hazardous Materials

- ❑ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- ❑ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ❑ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ❑ Arrange for appropriate disposal of all hazardous wastes.

### Waste Management

- ❑ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- ❑ Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- ❑ Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- ❑ Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- ❑ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

### Construction Entrances and Perimeter

- ❑ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ❑ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

## Equipment Management & Spill Control



### Maintenance and Parking

- ❑ Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- ❑ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ❑ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ❑ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- ❑ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

### Spill Prevention and Control

- ❑ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ❑ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.
- ❑ Clean up spills or leaks immediately and dispose of cleanup materials properly.
- ❑ Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- ❑ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.
- ❑ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ❑ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

## Earthmoving



- ❑ Schedule grading and excavation work during dry weather.
- ❑ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- ❑ Remove existing vegetation only when absolutely necessary, and seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.
- ❑ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as berms, silt fences, sediment basins, gravel bags, berms, etc.
- ❑ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

### Contaminated Soils

- ❑ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
  - Unusual soil conditions, discoloration, or odor.
  - Abandoned underground tanks.
  - Abandoned wells.
  - Buried barrels, debris, or trash.

## Paving/Asphalt Work



- ❑ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ❑ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- ❑ Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- ❑ Do not use water to wash down fresh asphalt concrete pavement.

### Sawcutting & Asphalt/Concrete Removal

- ❑ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- ❑ Shovel, absorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner).
- ❑ If sawcut slurry enters a catch basin, clean it up immediately.

## Concrete, Grout & Mortar Application



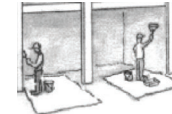
- ❑ Store concrete, grout, and mortar away from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.
- ❑ Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- ❑ When washing exposed aggregate, prevent washwater from entering storm drains. Block any inlets and vacuum gutters, hose washwater onto dirt areas, or drain onto a bermed surface to be pumped and disposed of properly.

## Landscaping



- ❑ Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- ❑ Stack bagged material on pallets and under cover.
- ❑ Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

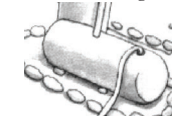
## Painting & Paint Removal



### Painting Cleanup and Removal

- ❑ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ❑ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ❑ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ❑ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ❑ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state-certified contractor.

## Dewatering



- ❑ Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.
- ❑ Divert run-on water from offsite away from all disturbed areas.
- ❑ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ❑ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

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

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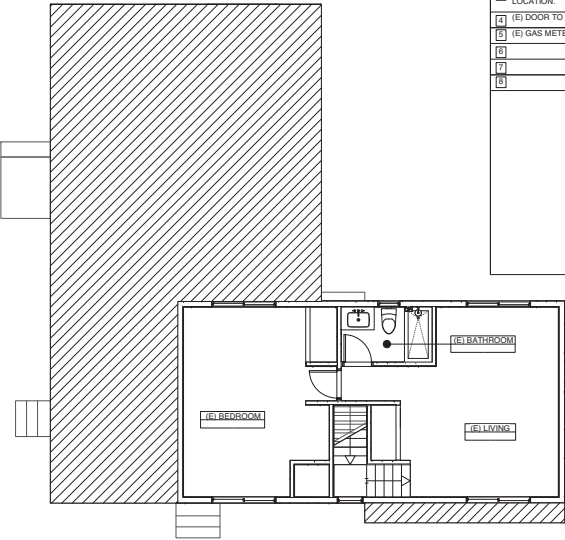
BMPs

**A0.03**

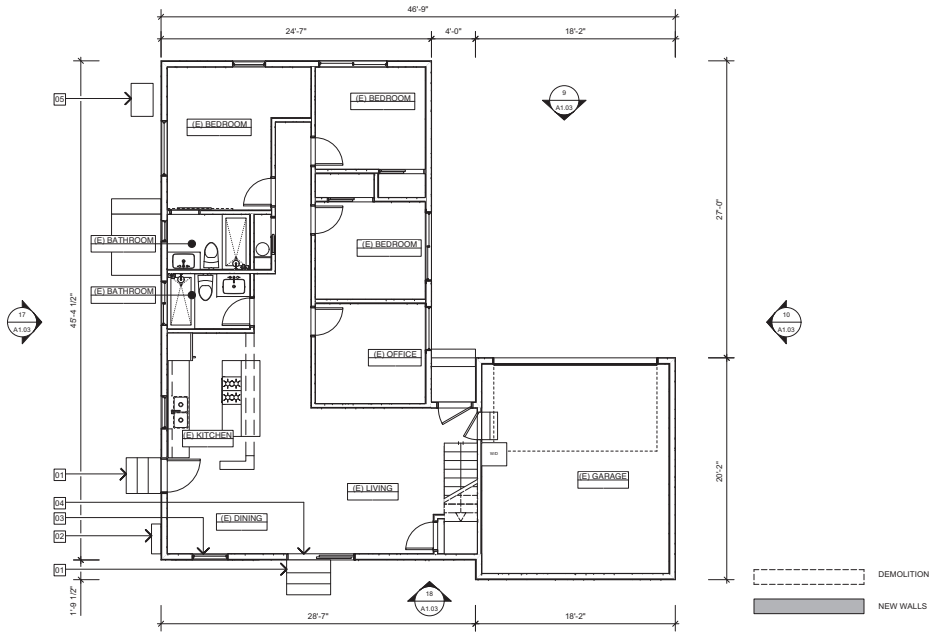




KEY NOTES	
[1]	(E) STAIRCASE TO BE REMOVED.
[2]	(E) ELECTRICAL PANEL & METER.
[3]	(E) WINDOW TO BE REMOVED AND A (N) DOOR TO BE INSTALLED AT THE SAME LOCATION.
[4]	(E) DOOR TO BE REMOVED.
[5]	(E) GAS METER.
[6]	
[7]	
[8]	



11 (E) SECOND FLOOR PLAN  
3/16"=1'-0"



9 (E) FIRST FLOOR PLAN  
3/16"=1'-0"

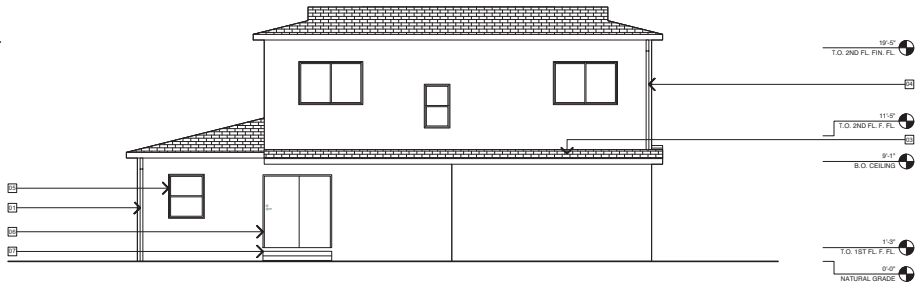
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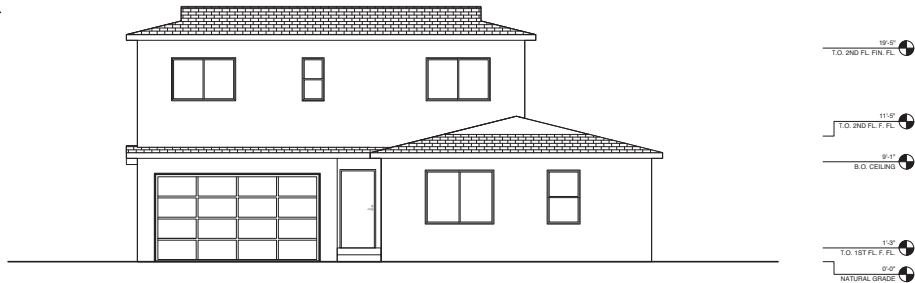
(E) FLOOR PLAN

A1.02

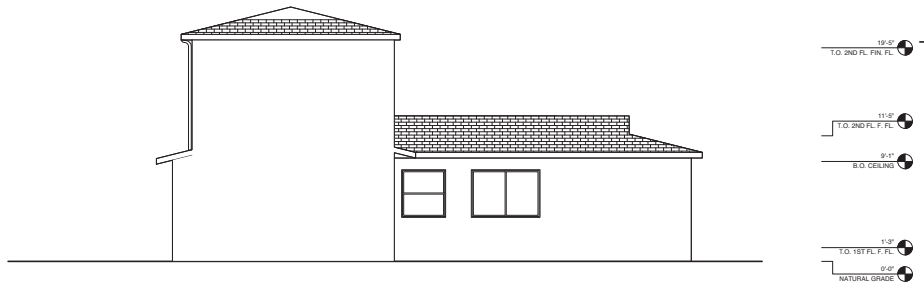
KEY NOTES	
[1]	(E) DRAIN TO BE REMOVED AND RELOCATED. SEE A3.01 FOR NEW LOCATION.
[2]	(E) STAIR TO BE IMPROVED. SEE A2.02 AND A3.01 FOR NEW LANDING AND STAIR.
[3]	(E) ROOF TO BE REMOVED.
[4]	(E) DRAIN TO BE ADJUSTED TO ACCOMMODATE THE NEW ROOF.
[5]	(E) WINDOW TO BE REMOVED AND REPLACED BY NEW DOOR.
[6]	(E) SLIDING DOOR TO BE REMOVED.
[7]	(E) STAIR TO BE REMOVED.
[8]	
[9]	
[10]	



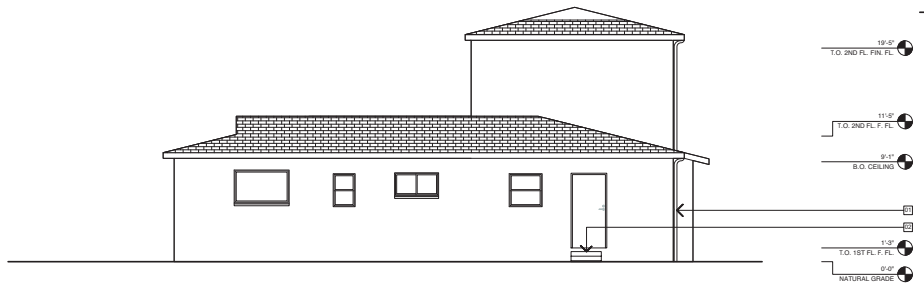
18 EXISTING REAR ELEVATION  
3/16"=1'-0"



17 EXISTING RIGHT ELEVATION  
3/16"=1'-0"



10 EXISTING FRONT ELEVATION  
3/16"=1'-0"

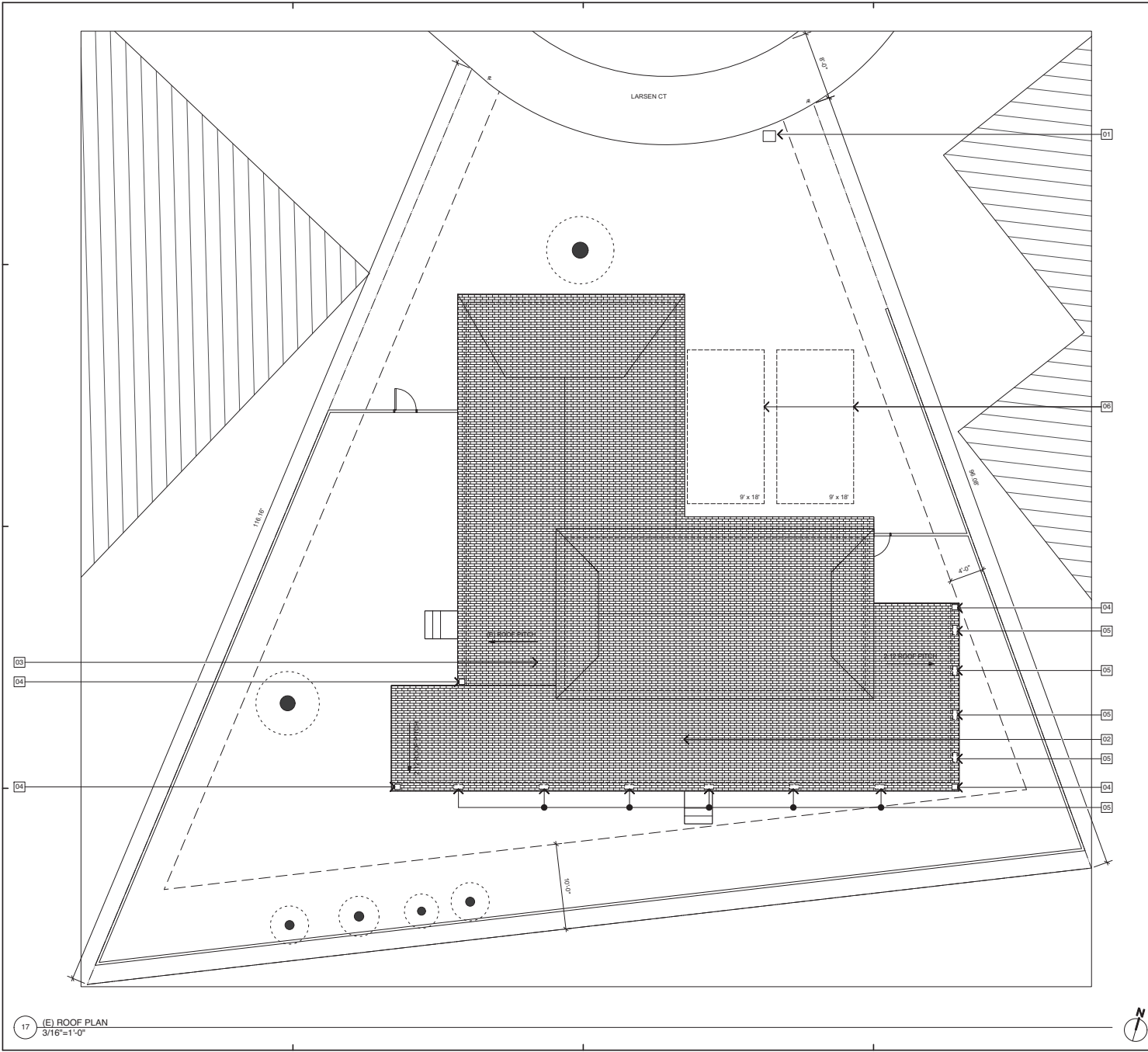


9 EXISTING LEFT ELEVATION  
3/16"=1'-0"

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DRAWN BY  
HW  
JOB NUMBER  
20001  
REVISIONS

(E) ELEVATIONS



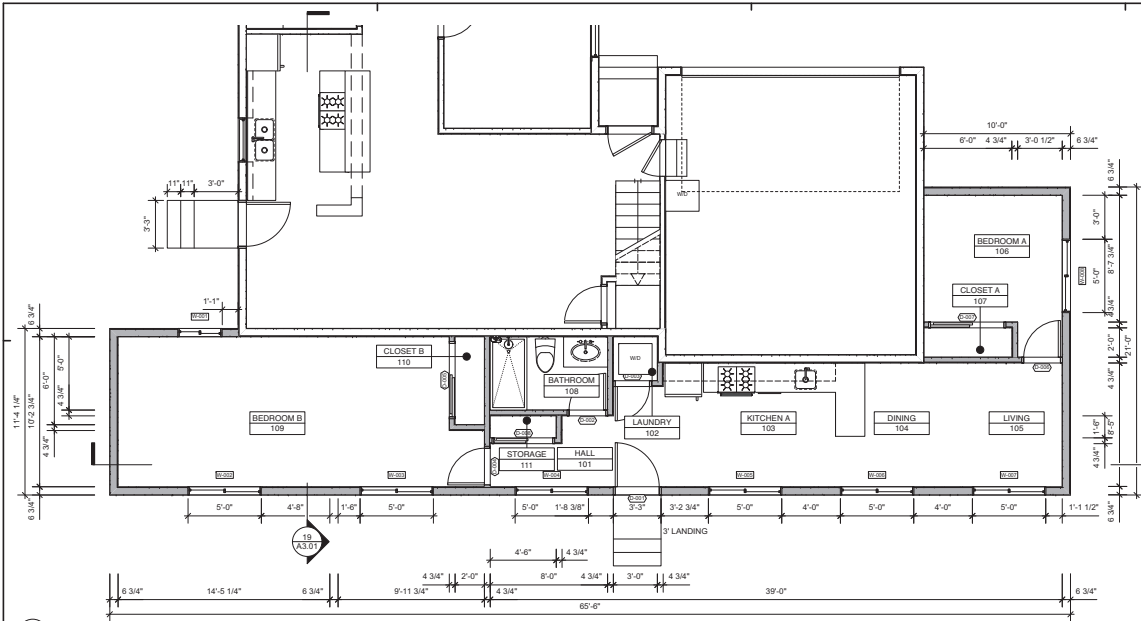
KEY NOTES	
[1]	WATER METER.
[2]	(N) ATTACHED ADU TO BE INSTALLED.
[3]	(N) GABLE ROOF TO BE INSTALLED. SEE 9 / A3.01 FOR NEW CONFIGURATION.
[4]	(N) DRAIN DOWNSPOUT.
[5]	(N) 6" X 13" SOFFIT VENT.
[6]	9' x 18' OFF-STREET PARKING.
[7]	
[8]	
[9]	
[10]	
[11]	

REQUIRED ATTIC VENT:  
781 / 150 = 5.21 SF  
5.21 SF X 144 = 749.76 SI  
ATTIC VENT 6 X 13 = 78 SI  
ADDING 10 ATTIC VENTS  
10 X 78 = 780 SI > 749.76 SI

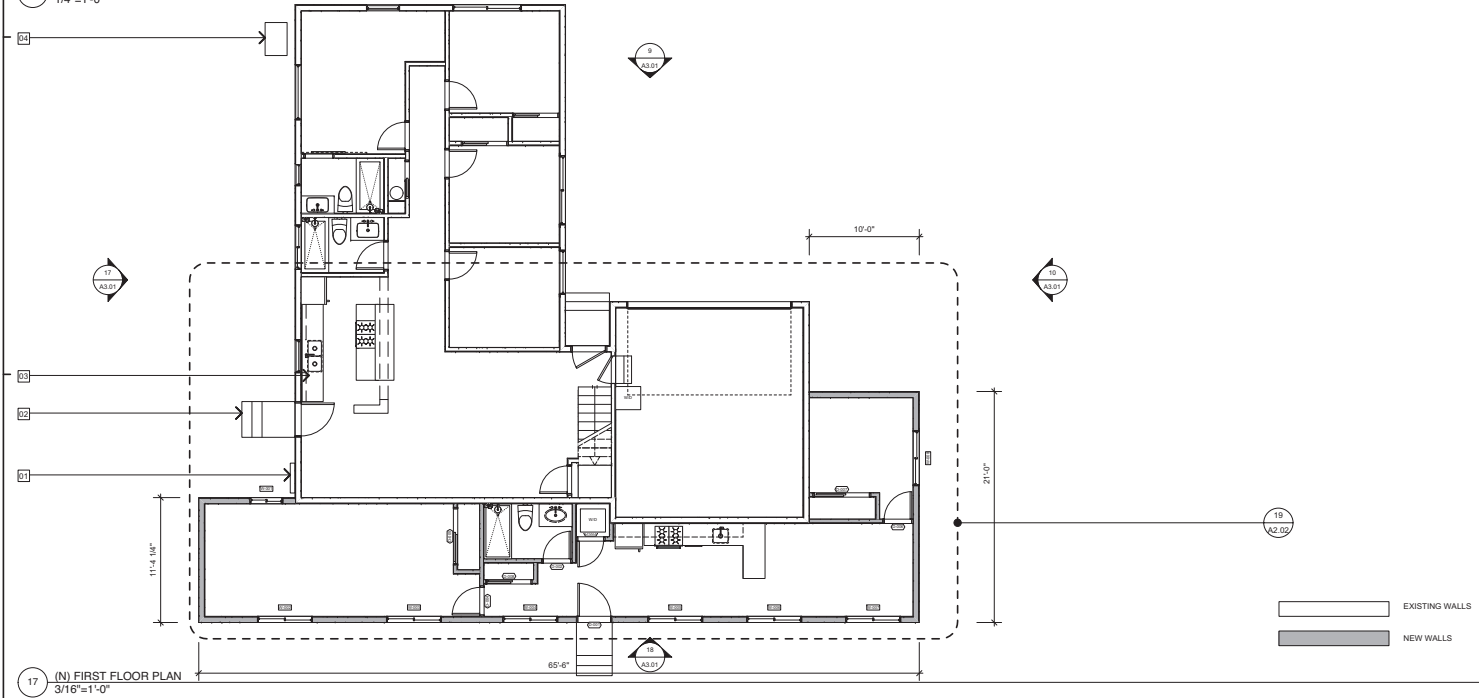
----- PROPERTY LINE  
- - - - - SETBACK LINE

LARSEN CT  
2043 LARSEN CT  
SANTA CLARA,  
CA 95051

FOR  
BUILDING PERMIT  
DATE  
20 SEPTEMBER 2021  
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REVISIONS



(N) ENLARGED FIRST FLOOR PLAN  
1/4"=1'-0"



(N) FIRST FLOOR PLAN  
3/16"=1'-0"

WINDOW SCHEDULE						
#	LOCATION	WIDTH	HEIGHT	SILL	TYPE	TEMPERED
W-001	BEDROOM B	3'-0"	3'-0"	40"	SLD	NO
W-002	BEDROOM B	5'-0"	4'-0"	32"	SLD	NO
W-003	BEDROOM B	5'-0"	4'-0"	32"	SLD	NO
W-004	HALL	5'-0"	4'-0"	32"	SLD	YES
W-005	KITCHEN A	5'-0"	4'-0"	32"	SLD	YES
W-006	DINING	5'-0"	4'-0"	32"	SLD	NO
W-007	LIVING	5'-0"	4'-0"	32"	SLD	NO
W-008	BEDROOM A	5'-0"	4'-0"	32"	SLD	NO

DOOR SCHEDULE				
#	LOCATION	WIDTH	HEIGHT	LOOK TYPE
D-001	HALL	3'-0"	6'-8"	LH KEY LOCK
D-002	BATHROOM	2'-6"	6'-8"	RH PRIVACY
D-003	LAUNDRY	2'-6"	6'-8"	RH PRIVACY
D-004	BEDROOM B	2'-6"	6'-8"	LH PRIVACY
D-005	CLOSET B	2'-6"	6'-8"	SLD PRIVACY
D-006	BEDROOM A	2'-6"	6'-8"	RH PRIVACY
D-007	CLOSET A	2'-6"	6'-8"	SLD PRIVACY
D-008	STORAGE	4'-0"	6'-8"	SLD PRIVACY
D-009	BEDROOM B	3'-0"	6'-8"	LH KEY LOCK

KEY NOTES	
1	(E) ELECTRICAL METER AND PANEL TO BE UPGRADED TO 200 AMP.
2	(N) LANDING AND STAIR TO BE INSTALLED.
3	(N) COUNTER TOP.
4	(E) GAS METER.
5	
6	
7	
8	
9	
10	
11	

- NOTES**
- THE DIRECTION OF DRAINAGE SHOULD NOT BE DIRECTED TOWARDS THE PROPERTY LINE OF THE ENGBOR.
- ELECTRICAL NOTES**
1. GFCI PROTECTION SHALL BE PROVIDED FOR ALL COUNTERTOP RECEPTACLES, RECEPTACLES WITHIN 6' OF SINK AND FOR RECEPTACLES SUPPLYING DISHWASHER. (CEC 210.80)
  2. A MINIMUM OF TWO 20-AMP SMALL APPLIANCE BRANCH CIRCUITS ARE REQUIRED TO SERVE COUNTERTOP AND WALL RECEPTACLES IN THE KITCHEN, PANTRY AND DINING ROOM. (CEC 210.11A)
  3. INDIVIDUAL (DEDICATED) CIRCUITS ARE REQUIRED FOR GARBAGE DISPOSALS, MICROWAVES, COMPACTORS AND DISHWASHERS. (CEC 210.19A1b)
  4. AFCI PROTECTION IS REQUIRED FOR ALL 120V 15A/20 AMP KITCHEN CIRCUITS. (CEC 210.12A)
  5. RECEPTACLES SHALL BE INSTALLED SO THAT NO POINT ALONG THE WALL LINE IS MORE THAN 12" HORIZONTALLY FROM AN OUTLET IN THE SPACE (CEC 210.52c1).
  6. RECEPTACLES SHALL BE PROVIDED AT ALL COUNTERTOP AREAS WITH A MINIMUM DIMENSION OF 12" (CEC210.52c1).
  7. ISLANDS AND PENINSULAS SHALL HAVE AT LEAST ONE RECEPTACLE MOUNTED NO MORE THAN 12" BELOW THE COUNTERTOP AND WHERE THE COUNTERTOP DOES NOT EXTEND MORE THAN 6" BEYOND ITS BASE. (CEC210.52A1a2)
  8. ALL INSTALLED LIGHTING SHALL BE HIGH EFFICACY AND CONTROLLED BY EITHER A DIMMER SWITCH OR VACUANCY SENSOR SWITCH. ALL LIGHT FIXTURES SHALL CONTAIN BULBS THAT ARE LABELED AS JAB-2015. SCREW BASE BULBS ARE NOT PERMITTED IN RECESSED LIGHTING. (CEC210.52A1a2)
  9. RECESSED LIGHT FIXTURES IN INSULATED CEILINGS SHALL BE APPROVED LIST ZERO-CLEARANCE INSULATION COVER (IC) TYPE, CERTIFIED AIR TIGHT (AT) AND SEALED WITH A GASKET OR CAULKED BETWEEN HOUSING AND CEILING (CENC 150.10K(1C)).
  10. ALL 125-VOLT, 15- AND 20-AMPERE RECEPTABLE OUTLETS SHALL BE LISTED TAMPER-RESISTANT RECEPTABLES PER CEC 408.12.
  11. ARC-FAULT CIRCUIT INTERRUPTER (AFCI) PROCEPTABLES SHALL BE INSTALLED IN KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, BEDROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS PER CEC 210.12A).
  12. ALL NEWLY INSTALLED INTERIOR LIGHTING TO BE HIGH EFFICACY PER CENC 150.0K(1A).
  13. ALL NEWLY INSTALLED EXTERIOR LIGHTING TO BE HIGH EFFICACY AND BE CONTROLLED BY A MANUAL ON AND OFF SWITCH THAT DOES NOT OVERRIDE THE AUTOMATIC ACTIONS OF ITEMS SHOWN ON CENC 150.0K(3)(i) OR CENC 150.0K(3)(ii).
  14. AT LEAST ONE LIGHT FIXTURE IN THE MASTER BATHROOM TO BE CONTROLLED BY VACUANCY SENSOR PER CENC 150.0K(2)(j).

- PLUMBING NOTES**
1. DISHWASHERS SHALL BE CONNECTED WITH AN APPROVED DRAINAGE AIR GAP DEVICE LOCATED ABOVE THE FLOOD LEVEL RM OF THE SINK (CPC 807.3)
  2. KITCHEN FAUCETS SHALL NOT EXCEED 1.80 GALLONS PER MINUTE AT 60 PSI. (CALGREEN 901.1.1)
  3. PROVIDE 2" DRAIN LINE.
  4. NEW GAS APPLIANCES AT KITCHEN SHOULD BE SPECIFIED. PROVIDE A SINGLE LINE DIAGRAM OF GAS PIPING, SHOW PIPE SIZES, LENGTHS AND BUT DEMAND RATINGS FOR ALL GAS APPLIANCES IN THE HOUSE.
  5. AN ACCESSIBLE VALVE MEMBER, OR A LISTED GAS CONVENIENCE OUT LET INSTALLED WITHIN 6' OF THE APPLIANCE IT SERVES. WHERE A CONNECTOR IS USED, THE VALVE SHALL BE INSTALLED UPSTREAM OF THE CONNECTOR. A UNION OR FLANGED CONNECTION SHALL BE PROVIDED DOWNSTREAM FROM THIS VALVE TO PERMIT REMOVAL OF CONTROLS. (CPC807.4)
  6. ALL THE NEW SHOWER HEAD TO HAVE A MAX FLOW OF 1.8 GPM AND FAUCETS TO HAVE A MAX FLOW OF 1.2 GPM PER CGBC 4.303.
  7. DIMENSION A MINIMUM CLEARANCE OF 15" FROM THE CENTERLINE OF THE WATER CLOSET TO THE SIDE WALLS AND MINIMUM 24" IN FRONT OF WATER CLOSET PER CPC SECTION 402.5.
  8. SHOWER COMPARTMENTS AND WALLS ABOVE BATHTUBS WITH INSTALLED SHOWER HEADS SHALL BE FINISHED WITH A NONABSORBENT SURFACE TO A HEIGHT NOT LESS THAN 72" ABOVE THE FLOOR PER CRC R307.2.
  9. CONTROL VALVES AND SHOWER HEADS SHALL BE LOCATED ON THE SIDEWALL OF SHOWER COMPARTMENT OR OTHERWISE ARRANGED SO THAT THE SHOWERHEAD DOES NOT DISCHARGE DIRECTLY AT THE ENTRANCE TO THE COMPARTMENT AND THE BATHER CAN ADJUST THE VALVES PRIOR TO STEPPING INTO THE SHOWER SPRAY PER CPC 408.9.
  10. FLOET FLOW RATE TO BE 1.28 GPF, MAXIMUM. CPC 403.2.1.

- MECHANICAL NOTES**
1. A DUCTED RESIDENTIAL EXHAUST HOOD IS REQUIRED. A METAL, SMOOTH INTERIOR SURFACE DUCT REQUIRED ON VENT HOOD OR DOWNDRAFT EXHAUST VENT. ALUMINUM FLEX DUCT IS NOT APPROVED. (CMC 504.30)
  2. HE EXHAUST HOOD SHALL HAVE A MINIMUM EXHAUST RATE OF 100CFM. (CENC 150 (i). EXC. 5 TO 152 (A) & ASHRAE STD. 62.2) AND TERMINATE ON THE BUILDING EXTERIOR AT LEAST 3' FROM OTHER OPENINGS INTO THE BUILDING (CMC 502.2.1)
  3. KITCHEN RANGE HOODS REQUIRED MINIMUM VENTILATION PER 2016 ASHRAE 62.2, SECTION 5 (SECTION 150.0K(2)(b)) AND MAXIMUM SOUND RATING PER 2016 ASHRAE 26.2, SECTION 7.2 (SECTION 150.0 (2)(10)).
  4. THE MINIMUM BATHROOM EXHAUST FAN RATING SHALL BE 50 CFM FOR INTERMITTENT VENTILATION OR 20 CFM CONTINUOUS VENTILATION. BATHROOM EXHAUST FANS SHALL BE ENERGY STAR COMPLIANT AND PROVIDED WITH HUMIDITY CONTROL. CRC R303.3 EXCEPTION & CGBC 4.508.1.
- MINIMUM 65% OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IS TO BE RECYCLED PER 2016 EDITION OF THE CALIFORNIA GREEN BUILDING CODE SECTION 4.08.1.

NOTE:  
MATERIAL OF WATER LINE IS COPPER MATERILA OF DRAIN; WASTE AND VENT PIPE IS PVC.

LARSEN CT  
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(N) FLOOR PLAN

A2.02

# SWITCH SCHEDULE

SWITCH	TYPE	LOCATION	NOTES
A		101	
B		102	
C		103	
D		104	
E		105	
F		106	

## LEGEND

⬆	DUPLEX RECEPTACLE	▽	TELEPHONE
⬆	1/2 SWITCHED DUPLEX RECEPTACLE	▼	DATA
⬆	DEDICATED DUPLEX RECEPTACLE	▽	TELEPHONE AND DATA
⬆	DEDICATED DUPLEX RECEPTACLE 200V	⊠	SHADE CONTROL
⬆	QUADPLEX RECEPTACLE	⊠	THERMOSTAT
⬆	FLOOR RECEPTACLE	⊠	INTERCOM SYSTEM
⬆	CEILING RECEPTACLE	⊠	A/V CONTROL TOUCH PANEL
⬆	PHOTOSENSOR	⊠	FAN CONTROL
⬆	HDMI CABLE	⊠	WIRELESS ACCESS POINT

# LEGEND

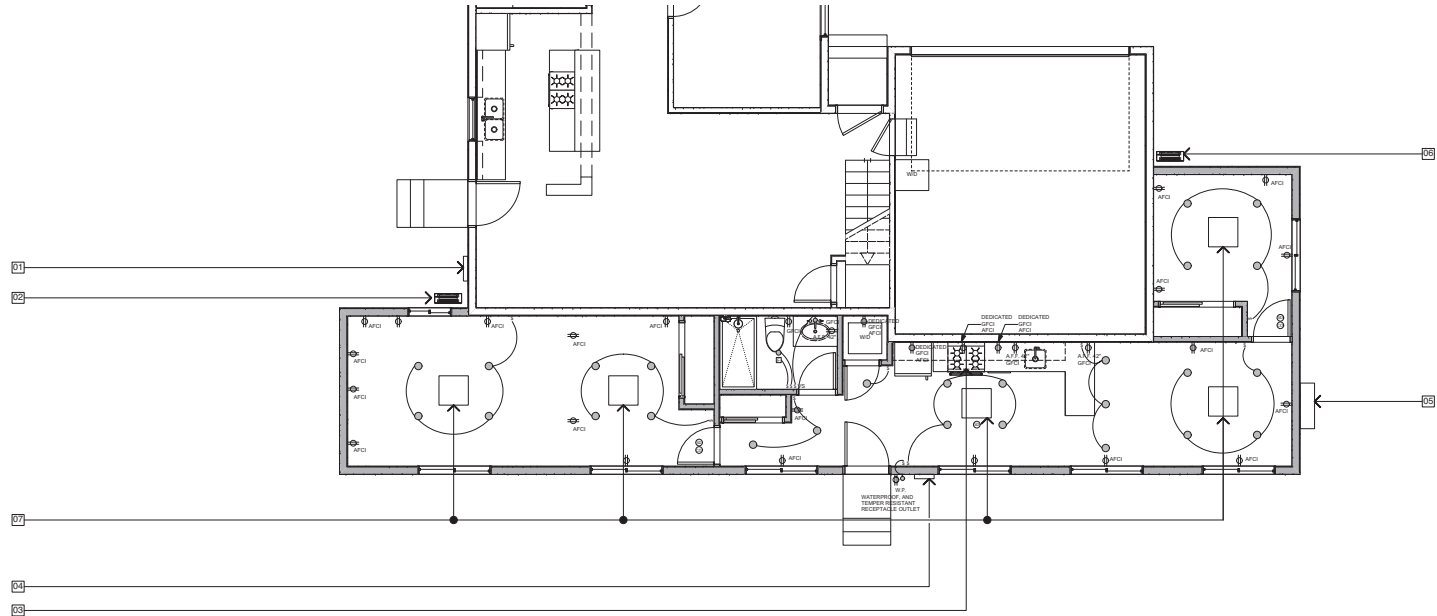
⬆	CEILING MOUNTED FIXTURE	⬆	FLUORESCENT PENDANT OR CEILING MOUNTED FIXTURE
⬆	SURFACE MOUNTED WALL FIXTURE	⬆	FLUORESCENT UNDERCABINET FIXTURE
⬆	SURFACE MOUNTED WALL FIXTURE WITH SWITCH / DIMMER ON FIXTURE	⬆	SURFACE OR PENDANT MOUNTED TRACK FIXTURE
⬆	PENDANT MOUNTED FIXTURE	⬆	SURFACE MOUNTED DOUBLE-HEADED WALL FIXTURE
⬆	RECESSED FIXTURE	⬆	WALL SWITCH @ 48" A.F.F. TO THE CENTER OF THE SWITCH AND IF FROM THE DOOR JAMB TO THE CENTER OF THE SWITCH
⬆	ADJUSTABLE RECESSED FIXTURE	⬆	DIMMER
⬆	RECESSED WALL WASH FIXTURE	⬆	FAN CONTROL
⬆	LED LINEAR FIXTURE	⬆	SMOKE DETECTOR
⬆	FLUORESCENT WALL MOUNTED FIXTURE	⬆	RECESSED FAN
⬆	FLUORESCENT SURFACE MOUNTED FIXTURE	⬆	SPEAKER - CEILING MOUNT
⬆	VANITY LIGHT	⬆	CO2 MONITOR
⬆	EXIT SIGN	⬆	CONTROL GROUP
⬆	LOW LEVEL EXIT SIGN	⬆	LIGHTING CONTROL PANEL
⬆	FIXTURE TAG	⬆	LIGHTING KEYPAD
⬆	TRANSFORMER	⬆	CONTROL STATION
⬆	BALLAST	⬆	OCCUPANCY SENSOR
⬆	PROJECTOR	⬆	WIRELESS ACCESS POINT
⬆		⬆	PROJECTOR SCREEN

# KEY NOTES

1	(E) ELECTRICAL PANEL TO BE UPGRADED TO 200 AMP.
2	(E) DUCTLESS AC FOR MAIN HOUSE HEATING & COOLING.
3	MIN. 100 CFM EXHAUSTED HOOD.
4	(N) 100 AMP ELECTRICAL PANEL TO BE INSTALLED FOR THE ATTACHED ADU.
5	(N) ELECTRICAL TANKLESS WATER HEATER.
6	(N) DUCTLESS AC FOR (N) ADU HEATING & COOLING. SEE 9 / A6.01 FOR SPEC.
7	2" X 2" MITSUBISHI CASSETTS TO BE INSTALLED ON THE CEILING.

## SHEET NOTES

A	THE CONTRACTOR IS TO PROVIDE THE OWNER AND THE TOWN BUILDING DIVISION W/ A COPY OF THE COMPLETED CF-6R INSTALLATION CERTIFICATE PRIOR TO FINAL INSPECTION.
B	VERIFY EXACT LOCATION AND MOUNTING HEIGHT OF ALL LIGHTING FIXTURES AND SWITCHES WITH ARCHITECT PRIOR TO ROUGH INSTALL.
C	SEE INTERIOR ELEVATIONS FOR HEIGHTS OF WALL MOUNTED FIXTURES.
D	ALL SMOKE DETECTORS SHALL BE HARD-WIRED WITH A BATTERY BACK-UP. SMOKE DETECTORS SHALL SOUND AN AUDIBLE ALARM IN ALL SLEEPING AREAS.
E	ALL INSTALLED LUMINAIRES SHALL BE HIGH EFFICACY.
F	ALL LUMINAIRES REQUIRED TO HAVE LIGHT SOURCES COMPLIANT WITH REFERENCE JOINT APPENDIX JAB EXCEPT HALLWAYS AND CLOSETS OVER 70 SF. SHALL BE CONTROLLED BY DIMMERS OR VACANCY SENSORS. THIS ALSO APPLIES TO ALL GU-24 LED'S AND RECESSED LUMINAIRES. CBEES 150.0(K)(J).
G	LIGHTING IN BATHROOMS, GARAGES, LAUNDRY ROOMS AND UTILITY ROOMS: ALL LUMINAIRES SHALL BE HIGH EFFICACY AND AT LEAST ONE LUMINAIRE SHALL BE CONTROLLED BY A VACANCY SENSOR. CBEES 150.0(K)(J).
H	LIGHT FIXTURES IN TUB OR SHOWER ENCLOSURES OR OTHER WET/DAMP LOCATIONS SHALL BE LABELLED "SUITABLE FOR WET LOCATIONS" PER CEC 418-4(a).
I	LUMINAIRES RECESSED INTO CEILING SHALL MEET ALL OF THE FOLLOWING PER 150.0(K)(J): LISTED FOR ZERO CLEARANCE INSULATION, LABELLED THAT CERTIFIES THE LUMINAIRE IS LIGHT WITH A LEAKAGE LESS THAN 2.5 CFM AT 75 PASCAIS, SEALED WITH A GASKET OR CAULK, ALLOW REPLACEMENT AND MAINTENANCE TO BE READILY ACCESSIBLE FROM BELOW THE CEILING WITHOUT CUTTING HOLES IN THE CEILING. SHALL NOT CONTAIN SCREW BASE SOCKETS, AND SHALL CONTAIN LIGHTING SOURCES THAT COMPLY WITH JAB.
J	CLOTHES CLOSET LIGHT FIXTURE CLEARANCES SHALL CONFORM TO CEC 410-6.
K	ALL OUTDOOR LIGHTING SHALL BE CONTROLLED BY A MANUAL ON AND OFF SWITCH THAT DOES NOT OVERRIDE TO ON AND ONE OF THE FOLLOWING: CONTROLLED BY PHOTOCELL AND MOTION SENSOR, PHOTO CONTROL, AND AUTOMATIC SWITCH CONTROL, ASTRONOMICAL TIME CLOCK, OR ENERGY MANAGEMENT CONTROL SYSTEM. 150.0(K).
L	ALL INSTALLED LUMINAIRES SHALL BE HIGH-EFFICACY IN ACCORDANCE WITH CBEES RESIDENTIAL COMPLIANCE MANUAL TABLE 6-1 AND TABLE 150.0-A.
M	UNDER CABINET LIGHTING SHALL BE SWITCHED SEPARATELY FROM OTHER LIGHTING SYSTEMS. 150.0(K)(J).



13 RCP AND POWER PLAN  
1/4"=1'-0"

LARSEN CT  
2043 LARSEN CT  
SANTA CLARA,  
CA 95051

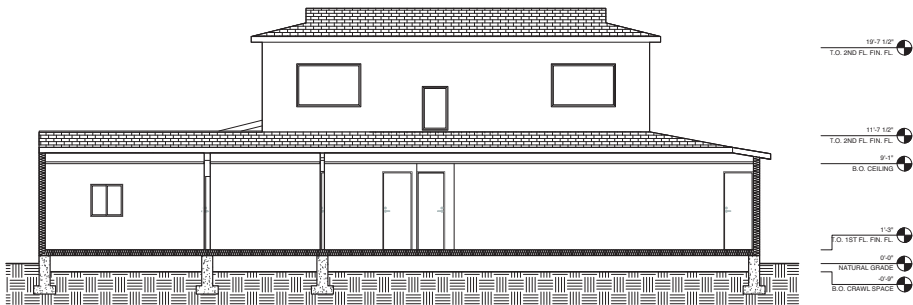
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2007  
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(N) RCP AND POWER PLAN

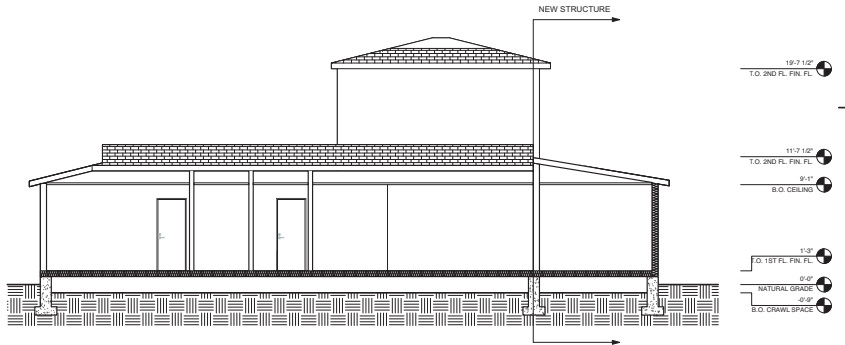
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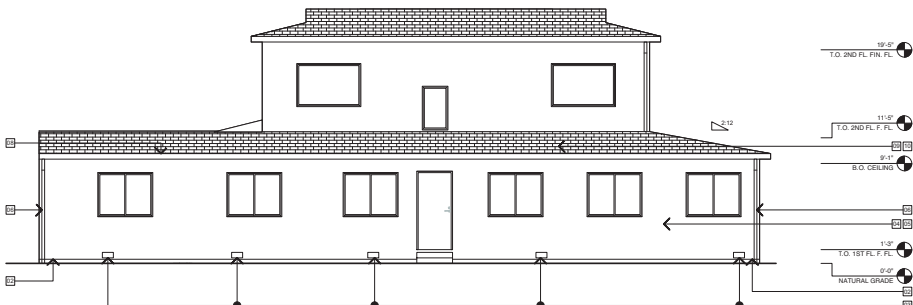
KEY NOTES	
[1]	ACCESS TO CRAWL SPACE.
[2]	WEEP SCREED.
[3]	CRAWL SPACE VENT 8" X 12".
[4]	EXTERIOR FINISH TO MATCH WITH (E) MAIN HOUSE.
[5]	2 LAYERS OF UNDERLAYMENT TYPE "D" PAPER TO BE INSTALLED UNDER STUCCO.
[6]	(N) DRAIN TO BE INSTALLED.
[7]	(E) DRAIN AFTER ADJUSTED TO BE ACCOMMODATE TO THE (N) ROOF.
[8]	(N) GUTTER TO BE INSTALLED.
[9]	ROOF FINISH TO MATCH WITH (E) MAIN HOUSE.
[10]	UNDERLAYMENT CLASS B TO BE INSTALLED UNDER THE ASPHALT SHINGLES.
[11]	(N) GABLE ROOF TO BE INSTALLED.



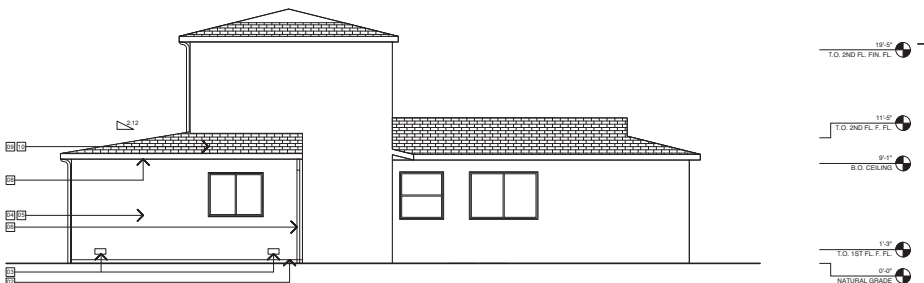
19 PROPOSED SECTION B  
3/16"=1'-0"



11 PROPOSED SECTION A  
3/16"=1'-0"



18 PROPOSED REAR ELEVATION  
3/16"=1'-0"



10 PROPOSED FRONT ELEVATION  
3/16"=1'-0"



17 PROPOSED RIGHT ELEVATION  
3/16"=1'-0"



9 PROPOSED LEFT ELEVATION  
3/16"=1'-0"

LARSEN CT  
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(N) ELEVATION & SECTION

A3.01

[illegible][illegible]

## Modern Interiors

Discover the latest trends in modern interior design, from minimalist aesthetics to bold, colorful accents. Explore how technology and sustainable materials are shaping the future of home decor.

### Technology that puts smiles on your walls

Smart home technology is revolutionizing the way we live, offering convenience, security, and energy efficiency. From voice-controlled lighting to smart thermostats, these innovations are making our homes more responsive to our needs.

One of the most exciting developments is the integration of artificial intelligence (AI) into home systems. AI-powered assistants can learn your preferences and automate tasks, such as adjusting the temperature or turning on the lights when you enter a room. This level of personalization is not only convenient but also enhances the overall comfort and efficiency of your home.

Security is another key area where technology is making a difference. Smart doorbells with video feeds and motion sensors allow you to monitor your home remotely, providing peace of mind whether you're at work or on vacation. Additionally, smart locks offer enhanced security and convenience, allowing you to grant access to guests or service providers without the need for physical keys.

Energy efficiency is a growing concern for many homeowners, and smart technology offers solutions to reduce energy consumption and lower utility bills. Smart thermostats can learn your schedule and adjust the temperature accordingly, ensuring that your home is only heated or cooled when needed. Smart lighting systems can be programmed to turn off lights when no one is in the room, saving energy and reducing costs.

As technology continues to advance, the possibilities for smart home integration are endless. From smart irrigation systems for your garden to smart appliances that optimize energy use, the future of home living is bright and full of innovation. Embracing these technologies can transform your home into a smart, efficient, and secure living space.

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## A6.01

[illegible][illegible]

Project Management Dashboard - Q3 2024 Analysis										Report ID: PMD-2024-001   Generated: 2024-09-20 10:30:15									
Project Overview		Phase I: Planning & Design				Phase II: Development & Testing				Phase III: Deployment & Monitoring				Overall Status					
ID	Name	Start Date	End Date	Progress (%)	Owner	ID	Name	Start Date	End Date	Progress (%)	Owner	ID	Name	Start Date	End Date	Progress (%)	Owner		
Project Alpha	Task 1.1	2024-09-01	2024-09-15	100%	John Doe	Project Beta	Task 2.1	2024-09-05	2024-09-20	75%	Jane Smith	Project Gamma	Task 3.1	2024-09-10	2024-09-25	50%	Mike Chen		
	Task 1.2	2024-09-16	2024-09-30	80%	John Doe		Task 2.2	2024-09-21	2024-10-05	60%	Jane Smith		Task 3.2	2024-09-26	2024-10-10	40%	Mike Chen		
	Task 1.3	2024-09-31	2024-10-15	60%	John Doe		Task 2.3	2024-10-06	2024-10-20	30%	Jane Smith		Task 3.3	2024-10-11	2024-10-25	20%	Mike Chen		
	Task 1.4	2024-10-16	2024-10-31	40%	John Doe		Task 2.4	2024-10-21	2024-11-05	20%	Jane Smith		Task 3.4	2024-10-26	2024-11-10	10%	Mike Chen		
	Task 1.5	2024-11-01	2024-11-15	20%	John Doe		Task 2.5	2024-11-06	2024-11-20	10%	Jane Smith		Task 3.5	2024-11-11	2024-11-25	5%	Mike Chen		
Project Delta	Task 4.1	2024-09-01	2024-09-10	100%	John Doe	Project Epsilon	Task 5.1	2024-09-05	2024-09-15	100%	Jane Smith	Project Zeta	Task 6.1	2024-09-10	2024-09-20	100%	Mike Chen		
Project Eta	Task 7.1	2024-09-15	2024-09-25	100%	John Doe	Project Theta	Task 8.1	2024-09-20	2024-10-01	100%	Jane Smith	Project Iota	Task 9.1	2024-10-05	2024-10-15	100%	Mike Chen		
Project Kappa	Task 10.1	2024-10-01	2024-10-10	100%	John Doe	Project Lambda	Task 11.1	2024-10-10	2024-10-20	100%	Jane Smith	Project Mu	Task 12.1	2024-10-20	2024-10-30	100%	Mike Chen		
Project Nu	Task 13.1	2024-10-30	2024-11-10	100%	John Doe	Project Xi	Task 14.1	2024-11-10	2024-11-20	100%	Jane Smith	Project Omicron	Task 15.1	2024-11-20	2024-12-01	100%	Mike Chen		
Project Pi	Task 16.1	2024-12-01	2024-12-15	100%	John Doe	Project Rho	Task 17.1	2024-12-15	2024-12-25	100%	Jane Smith	Project Sigma	Task 18.1	2024-12-25	2025-01-05	100%	Mike Chen		
Project Tau	Task 19.1	2025-01-05	2025-01-15	100%	John Doe	Project Upsilon	Task 20.1	2025-01-15	2025-01-25	100%	Jane Smith	Project Phi	Task 21.1	2025-01-25	2025-02-05	100%	Mike Chen		
Project Chi	Task 22.1	2025-02-05	2025-02-15	100%	John Doe	Project Psi	Task 23.1	2025-02-15	2025-02-25	100%	Jane Smith	Project Omega	Task 24.1	2025-02-25	2025-03-05	100%	Mike Chen		
Project Digamma	Task 25.1	2025-03-05	2025-03-15	100%	John Doe	Project Kappa	Task 26.1	2025-03-15	2025-03-25	100%	Jane Smith	Project Lambda	Task 27.1	2025-03-25	2025-04-05	100%	Mike Chen		
Project Eta	Task 28.1	2025-04-05	2025-04-15	100%	John Doe	Project Theta	Task 29.1	2025-04-15	2025-04-25	100%	Jane Smith	Project Iota	Task 30.1	2025-04-25	2025-05-05	100%	Mike Chen		
Project Iota	Task 31.1	2025-05-05	2025-05-15	100%	John Doe	Project Kappa	Task 32.1	2025-05-15	2025-05-25	100%	Jane Smith	Project Lambda	Task 33.1	2025-05-25	2025-06-05	100%	Mike Chen		
Project Mu	Task 34.1	2025-06-05	2025-06-15	100%	John Doe	Project Xi	Task 35.1	2025-06-15	2025-06-25	100%	Jane Smith	Project Omicron	Task 36.1	2025-06-25	2025-07-05	100%	Mike Chen		
Project Nu	Task 37.1	2025-07-05	2025-07-15	100%	John Doe	Project Upsilon	Task 38.1	2025-07-15	2025-07-25	100%	Jane Smith	Project Phi	Task 39.1	2025-07-25	2025-08-05	100%	Mike Chen		
Project Psi	Task 40.1	2025-08-05	2025-08-15	100%	John Doe	Project Chi	Task 41.1	2025-08-15	2025-08-25	100%	Jane Smith	Project Psi	Task 42.1	2025-08-25	2025-09-05	100%	Mike Chen		
Project Omega	Task 43.1	2025-09-05	2025-09-15	100%	John Doe	Project Digamma	Task 44.1	2025-09-15	2025-09-25	100%	Jane Smith	Project Eta	Task 45.1	2025-09-25	2025-10-05	100%	Mike Chen		
Project Theta	Task 46.1	2025-10-05	2025-10-15	100%	John Doe	Project Iota	Task 47.1	2025-10-15	2025-10-25	100%	Jane Smith	Project Kappa	Task 48.1	2025-10-25	2025-11-05	100%	Mike Chen		
Project Xi	Task 49.1	2025-11-05	2025-11-15	100%	John Doe	Project													

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FOR  
BUILDING PERMIT  
DATE  
20 SEPTEMBER 2021  
SCALE  
AS NOTED  
DRAWN BY  
HW  
JOB NUMBER  
20006  
REVISIONS



**RESIDENTIAL ROOM COOLING LOAD SUMMARY**

Project Name: [Blank] Date: 6/9/2021

Room Name: [Blank] Room Number: [Blank]

Room Area: [Blank] sq ft

Room Volume: [Blank] cu ft

Room Orientation: [Blank]

Room Use: [Blank]

Room Description: [Blank]

Room Details: [Blank]

Room Notes: [Blank]

Room Comments: [Blank]

Room Status: [Blank]

Room Owner: [Blank]

Room Address: [Blank]

Room City: [Blank]

Room State: [Blank]

Room Zip: [Blank]

Room Phone: [Blank]

Room Email: [Blank]

Room Website: [Blank]

Room Social Media: [Blank]

Room Other: [Blank]

Room Total: [Blank]

**RESIDENTIAL ROOM COOLING LOAD SUMMARY**

Project Name: [Blank] Date: 6/9/2021

Room Name: [Blank] Room Number: [Blank]

Room Area: [Blank] sq ft

Room Volume: [Blank] cu ft

Room Orientation: [Blank]

Room Use: [Blank]

Room Description: [Blank]

Room Details: [Blank]

Room Notes: [Blank]

Room Comments: [Blank]

Room Status: [Blank]

Room Owner: [Blank]

Room Address: [Blank]

Room City: [Blank]

Room State: [Blank]

Room Zip: [Blank]

Room Phone: [Blank]

Room Email: [Blank]

Room Website: [Blank]

Room Social Media: [Blank]

Room Other: [Blank]

Room Total: [Blank]

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Project Name: [Blank] Date: 6/9/2021

Room Name: [Blank] Room Number: [Blank]

Room Area: [Blank] sq ft

Room Volume: [Blank] cu ft

Room Orientation: [Blank]

Room Use: [Blank]

Room Description: [Blank]

Room Details: [Blank]

Room Notes: [Blank]

Room Comments: [Blank]

Room Status: [Blank]

Room Owner: [Blank]

Room Address: [Blank]

Room City: [Blank]

Room State: [Blank]

Room Zip: [Blank]

Room Phone: [Blank]

Room Email: [Blank]

Room Website: [Blank]

Room Social Media: [Blank]

Room Other: [Blank]

Room Total: [Blank]

**RESIDENTIAL ROOM COOLING LOAD SUMMARY**

Project Name: [Blank] Date: 6/9/2021

Room Name: [Blank] Room Number: [Blank]

Room Area: [Blank] sq ft

Room Volume: [Blank] cu ft

Room Orientation: [Blank]

Room Use: [Blank]

Room Description: [Blank]

Room Details: [Blank]

Room Notes: [Blank]

Room Comments: [Blank]

Room Status: [Blank]

Room Owner: [Blank]

Room Address: [Blank]

Room City: [Blank]

Room State: [Blank]

Room Zip: [Blank]

Room Phone: [Blank]

Room Email: [Blank]

Room Website: [Blank]

Room Social Media: [Blank]

Room Other: [Blank]

Room Total: [Blank]

LARSEN CT  
2043 LARSEN CT  
SANTA CLARA,  
CA 95051

FOR  
BUILDING PERMIT  
DATE  
20 SEPTEMBER 2021  
SCALE  
AS NOTED  
DRAWN BY  
JOB NUMBER  
ROOM  
REVISIONS

ENERGY ANALYSIS

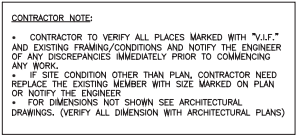
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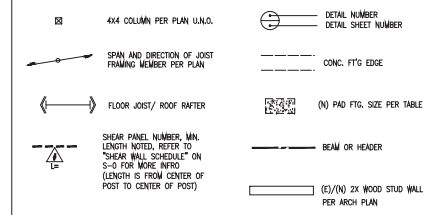
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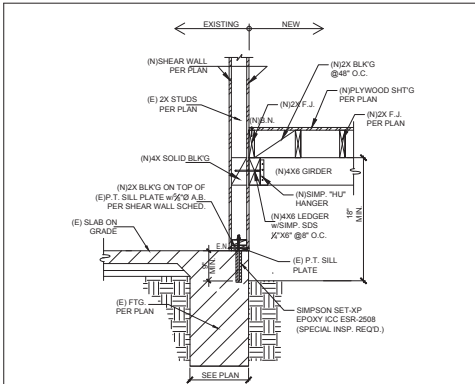
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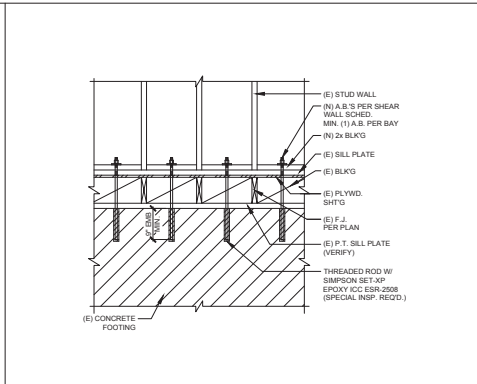
HEET NO.:  
S-1



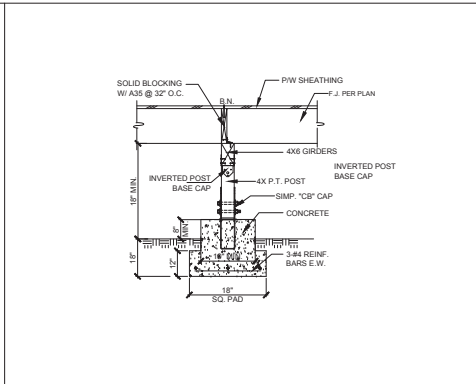




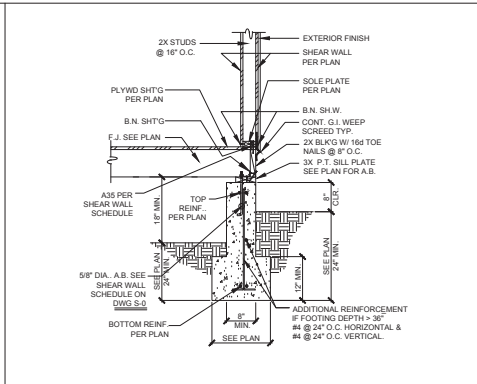
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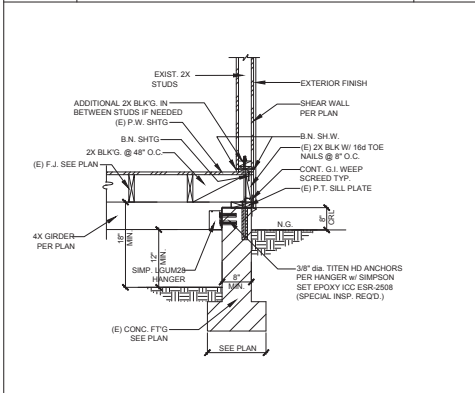
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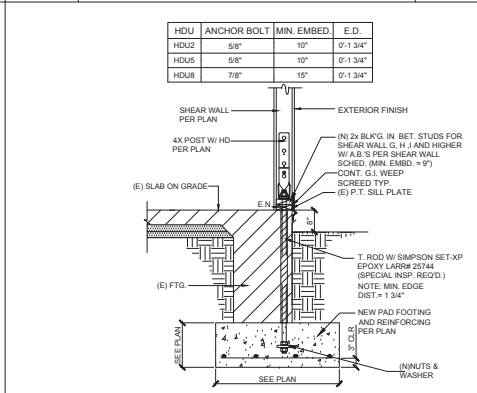
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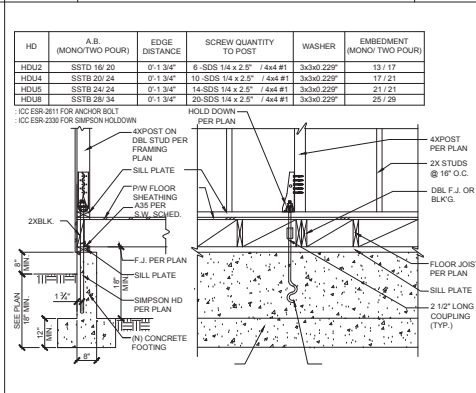
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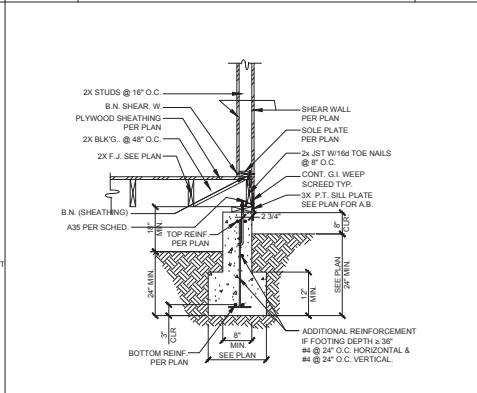
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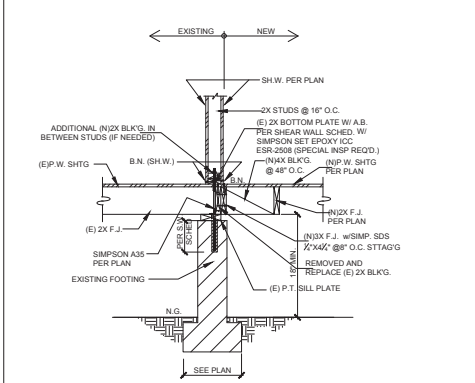
SCALE: N.T.S. PAD FOR POST w/HOLD-DOWN 8



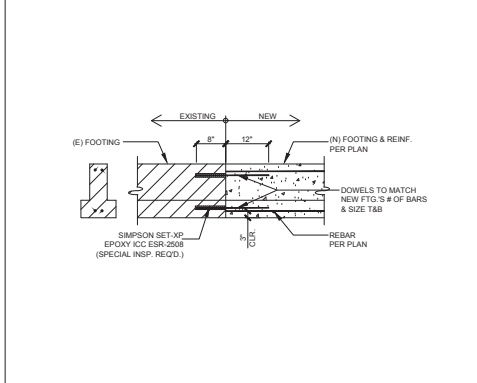
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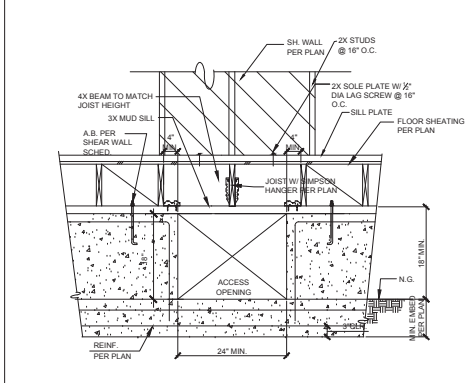
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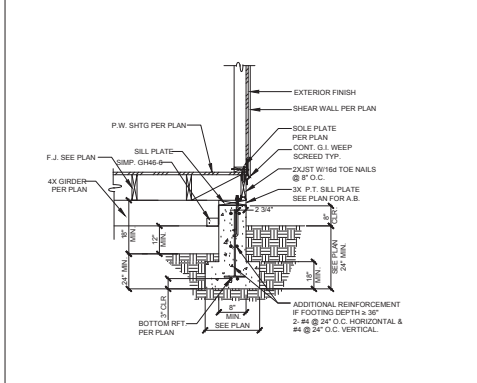
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SCALE: N.T.S. TYPICAL (N)CONCRETE FOOTING TO (E)CONCRETE FOOTING 9



SCALE: N.T.S. TYPICAL OPENING ACCESS 6



SCALE: N.T.S. TYPICAL GIRDER TO NEW CONCRETE FOOTING 3

OWNER/SUBDIVIDER:

JENNY QIAN  
2043 LARSEN CT.  
SANTA CLARA, CA 95051

2043 LARSEN CT.,  
PROJECT ADDRESS  
2043 LARSEN CT.  
SANTA CLARA, CA 95051

PLANS PREPARED BY:

W.H. CONSULTANT, INC.  
1000 CALIFORNIA AVE. SUITE 100, SAN JOSE, CA 95128  
NORTH CA 23 MARCHE, SUITE 121, BAYNE, CA 95021  
WWW.WHCONSULTANT.COM

REGISTERED PROFESSIONAL ENGINEER

No. C88467  
Exp. 03-31-22  
CIVIL  
STATE OF CALIFORNIA

DESIGNER

DATE

CHECKED BY

DATE

APPROVED BY

DATE

TITLE:

STRUCTURAL DETAILS

PROJECT NO:

21160

SHEET NO:

SD-1

SCALE			7	SCALE		4																																	
N.T.S.				N.T.S.		(N)FLOOR JOIST TO (E)FOOTING CONNECTION DETAIL																																	
SCALE			8	SCALE		2																																	
N.T.S.				N.T.S.		(N)FLOOR JOIST TO (E)FOOTING CONNECTION DETAIL																																	
						<table><thead><tr><th>HDU</th><th>A B DIAMETER</th><th>EDGE DISTANCE</th><th>SCREW QUANTITY TO POST</th><th>WASHER</th><th>EMBEDMENT (MONOTWO POUR)</th></tr></thead><tbody><tr><td>HDU5</td><td>5/8"</td><td>1.34</td><td>14-SDS 1/4 x 2.5" / 4x4 #1</td><td>3x3/4 22F</td><td>12"</td></tr><tr><td>HDU8</td><td>7/8"</td><td>1.34</td><td>25-SDS 1/4 x 2.5" / 4x4 #1</td><td>3x3/4 22F</td><td>15"</td></tr><tr><td>HDU11</td><td>1"</td><td>1.78</td><td>30-SDS 1/4 x 2.5" / 5/8 #1</td><td>3x3/4 22F</td><td>18"</td></tr><tr><td>HDU14</td><td>1"</td><td>1.78</td><td>36-SDS 1/4 x 2.5" / 5/8 #1</td><td>3x3/4 22F</td><td>24"</td></tr></tbody></table>		HDU	A B DIAMETER	EDGE DISTANCE	SCREW QUANTITY TO POST	WASHER	EMBEDMENT (MONOTWO POUR)	HDU5	5/8"	1.34	14-SDS 1/4 x 2.5" / 4x4 #1	3x3/4 22F	12"	HDU8	7/8"	1.34	25-SDS 1/4 x 2.5" / 4x4 #1	3x3/4 22F	15"	HDU11	1"	1.78	30-SDS 1/4 x 2.5" / 5/8 #1	3x3/4 22F	18"	HDU14	1"	1.78	36-SDS 1/4 x 2.5" / 5/8 #1	3x3/4 22F	24"		
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SCALE			9	SCALE		3																																	
N.T.S.				N.T.S.		HOLD DOWN TO EXISTING CONCRETE FOUNDATION																																	

OWNER/SUBDIVIDER:  
JENNY QIAN  
2043 LARSEN CT.  
SANTA CLARA, CA 95051

2043 LARSEN CT,  
PROJECT ADDRESS  
2043 LARSEN CT,  
SANTA CLARA, CA 95051

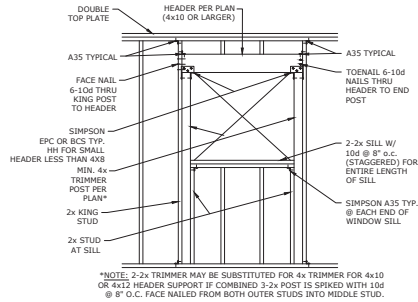
PLANS PREPARED BY:  
W.H CONSULTANT, INC.  
1000 CALIFORNIA STREET, SUITE 200, SAN JOSE, CA 95128  
PH: 408.293.4444 FAX: 408.293.4444  
WWW.WHCONSULTANT.COM

DESIGNER	CHECKED BY	DATE	REVISIONS	APPROVED BY	DATE

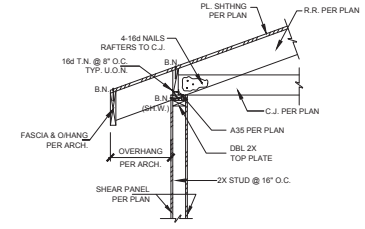
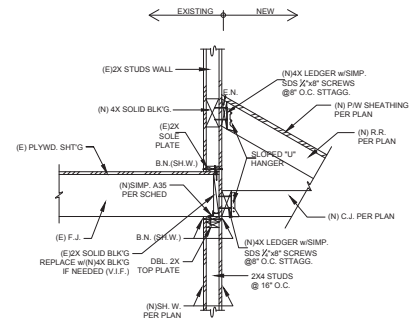
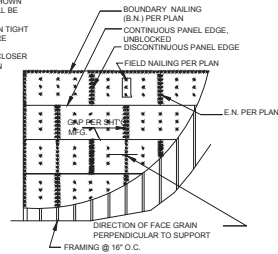
TITLE:  
STRUCTURAL DETAILS

PROJECT NO:  
21160

SHEET NO:  
SD-2



NOTES :  
1. STAGGER JOINTS AS SHOWN  
2. MIN. SIZE OF SHT. SHALL BE 2'X2'  
3. NAILS SHALL BE DRIVEN TIGHT BUT SHALL NOT FRACTURE SURFACE OF SHEATHING  
4. DO NOT SPACE NAILS CLOSER THAN SPECIFIED ON PLAN



**OWNER/SUBDIVIDER:**  
JENNY QIAN  
2043 LARSEN CT,  
SANTA CLARA, CA 95051

2043 LARSEN CT,  
PROJECT ADDRESS  
2043 LARSEN CT,  
SANTA CLARA, CA 9505

**W.H. CONSULTANT, INC.**  
NORTHCA 159 OAKLAND RD. SUITE 112, SAN JOSE, CA 95131  
SOUTHCA 125 MAULCHLY SUITE 121, IRVINE, CA 92614  
INFO@WHENGINEERINGGROUP.COM  
WWW.WHENGINEERINGGROUP.NET



						JIANFENG	DESIGNER	JIANFENG
							DESIGNED BY:	JIANFENG
							DRAFTED BY:	JIANFENG
								BY

TITLE:

## STRUCTURAL DETAILS

PROJECT NO.:  
21160

HEET NO.:  
SD-3

SCALE	TYPICAL HEADER
N.T.S.	DETAIL (4x10 OR LARGER)

10

SCALE	ROOF/FLOOR SHEATHING NAILING DETAIL
N.T.S.	

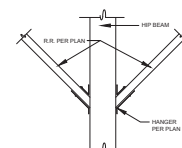
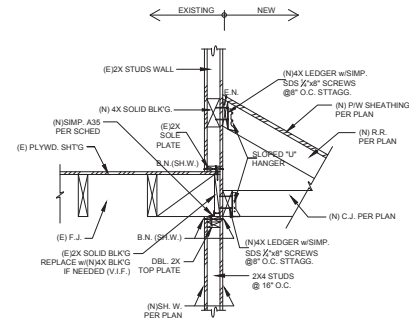
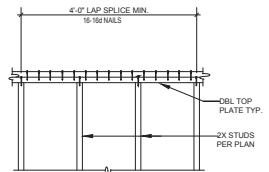
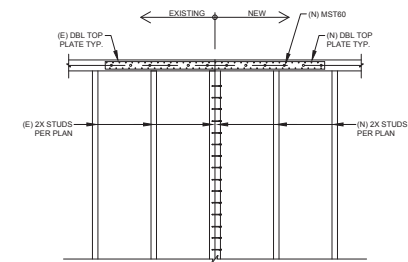
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(N)ROOF FRAMING TO (E)FLOOR CONNECTION DETAIL	4
--------------------------------------------------	---

4

ROOF RAFTERS PERPENDICULAR TO EXTERIOR SHEAR WALL DETAIL	1
-------------------------------------------------------------	---

1



SCALE	SPLICE DRAG DETAIL
N.T.S.	

11

SCALE	TOP PLATES SPLICE DETAIL
NTS	

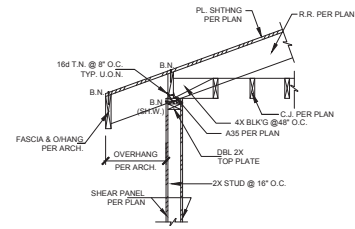
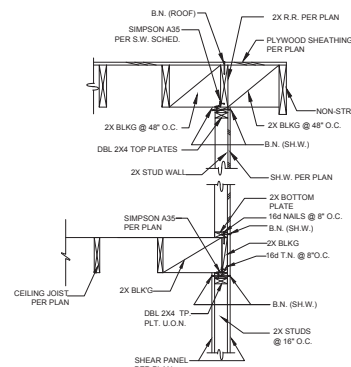
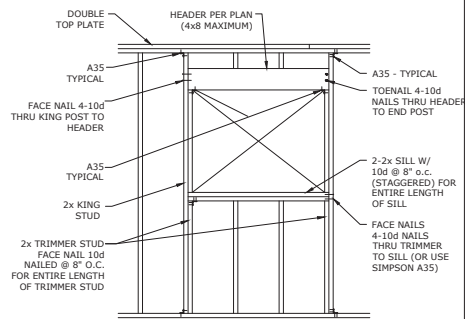
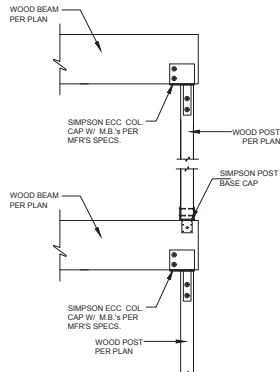
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(N)ROOF FRAMING TO (E)FLOOR  
CONNECTION DETAIL

5

## ROOF RAFTER TO HIP BEAM CONNECTION DETAIL

2



SCALE	DIFFERENT LEVEL OF BEAM TO POST CONNECTION DETAIL
N.T.S.	

12

SCALE	TYPICAL HEADER DETAIL (4x8 MAX.)
N.T.S.	

9

ROOF RAFTERS PARALLEL  
TO EXTERIOR SHEAR WALL DETAIL

6

ROOF RAFTERS PERPENDICULAR  
TO EXTERIOR SHEAR WALL DETAIL

3

