



FILLMORE RESIDENCE

NEW RESIDENCE

4435 FILLMORE STREET
SANTA CLARA, CALIFORNIA

WARREN DESIGN
597 E. CAMPBELL AVE., CAMPBELL, CA 95008 P: 650.669.3760

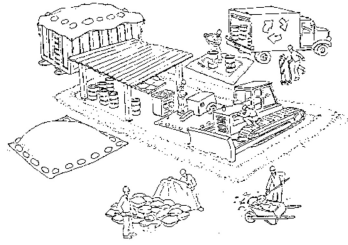
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CALGREEN MANDATORY MEASURES	FIRE DEPARTMENT NOTES	GENERAL NOTES	SHEET INDEX
<p>41.1 PLANNING & DESIGN SITE DEVELOPMENT 4.106.1 A PLAN IS DEVELOPED & IMPLEMENTED TO MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION. 4.106.2 THE SITE SHALL BE PLANNED & DEVELOPED TO KEEP SURFACE WATER AWAY FROM BUILDINGS. CONSTRUCTION PLANS SHALL INDICATE HOW SITE GRADINGS OR A DRAINAGE SYSTEMS WILL MANAGE ALL SURFACE WATER FLOWS. 41.2 ENERGY EFFICIENCY 4.201.1 LOW-RISE RESIDENTIAL BUILDINGS SHALL MEET OR EXCEED THE MINIMUM STANDARD DESIGN REQUIRED BY THE CALIFORNIA ENERGY STANDARDS. 41.3 WATER EFFICIENCY & CONSERVATION 4.303.1 INDOOR WATER USE SHALL BE REDUCED BY AT LEAST 20% USING ONE OF THE FOLLOWING METHODS: 1. WATER SAVING FIXTURES OR FLOW RESTRICTORS SHALL BE USED. 4.303.2 A 20% REDUCTION IN BASELINE WATER USE SHALL BE DEMONSTRATED. 4.303.3 PLUMBING FIXTURES (WATER CLOSETS & URINALS) & FITTINGS (FAUCETS & SHOWERHEADS) SHALL COMPLY WITH SPECIFIED PERFORMANCE REQUIREMENTS. 4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. AFTER DECEMBER 1, 2015, NEW RESIDENTIAL DEVELOPMENTS WITH AN AGGREGATE LANDSCAPE AREA EQUAL TO OR GREATER THAN 500 SQUARE FEET SHALL COMPLY WITH ONE OF THE FOLLOWING OPTIONS: 1. A LOCAL WATER EFFICIENT LANDSCAPE ORDINANCE OR THE CURRENT CALIFORNIA DEPARTMENT OF WATER RESOURCES' MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MVELDO), WHICHEVER IS MORE STRINGENT; OR 2. PROJECTS WITH AGGREGATE LANDSCAPE AREAS LESS THAN 2,500 SQUARE FEET MAY COMPLY WITH THE MVELDO'S APPENDIX D PRESCRIPTIVE COMPLIANCE OPTION. 41.4 MATERIAL CONSERVATION & RESOURCE EFFICIENCY 4.406.1 JOINTS & OPENINGS ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS, OR OTHER OPENINGS IN PLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR SIMILAR METHOD ACCEPTABLE TO THE ENFORCING AGENCY. 4.408.1 A MINIMUM OF 75% OF THE CONSTRUCTION WASTE GENERATED AT THE SITE IS DIVERTED TO RECYCLE OR SALVAGE. THIS IS ACHIEVED EITHER BY USING CITY PER-CERTIFIED LANDFILLS OR IMPLEMENTATION OF A WASTE MANAGEMENT PLAN. WASTE MANAGEMENT PLAN SHALL BE PRE-APPROVED BY ENVIRONMENTAL SERVICES DEPT. 4.408.2 WHERE A LOCAL JURISDICTION DOES NOT HAVE A CONSTRUCTION & DEMOLITION WASTE MANAGEMENT ORDINANCE, A CONSTRUCTION WASTE MANAGEMENT PLAN SHALL BE SUBMITTED FOR APPROVAL TO THE ENFORCING AGENCY. 4.410.1 AN OPERATIONS & MAINTENANCE MANUAL SHALL BE PROVIDED TO THE BUILDING OCCUPANT OR OWNER. 41.5 ENVIRONMENTAL QUALITY POLLUTANT CONTROL 4.501.1 DUCT OPENINGS & OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED DURING CONSTRUCTION. 4.504.1 ADHESIVES, SEALANTS & CAULKS SHALL BE COMPLIANT WITH VOC & OTHER TOXIC COMPOUND LIMITS. 4.504.2.2 PAINTS, STAINS & OTHER COATINGS SHALL BE COMPLIANT WITH VOC LIMITS. 4.504.2.3 ALL PAINTS & COATINGS SHALL BE COMPLIANT WITH PRODUCT WEIGHTED MMR LIMITS FOR ROG & OTHER TOXIC COMPOUNDS. 4.504.4 DOCUMENTATION SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC LIMIT FINISH MATERIALS HAVE BEEN USED. 4.604.3 CARPET & CARPET SYSTEMS SHALL BE COMPLIANT WITH VOC LIMITS. 4.604.4 80% OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH THE VOC-EMISSION LIMITS DEFINED IN THE COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS' (CHPS) LOW-EMITTING MATERIALS LIST OR BE CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOORSCORE PROGRAMS. 4.604.5 PARTICLE BOARD, MEDIUM DENSITY FIBERBOARD (MDF), AND HARDWOOD PLYWOOD USED IN INTERIOR FINISH SYSTEMS SHALL COMPLY WITH LOW FORMALDEHYDE EMISSIONS STANDARDS. SPECIFY THE LIMITS ON THE PLANS IN ACCORDANCE WITH: 4.605.2 VAPOR RETARDER & CAPILLARY BREAK IS INSTALLED AT SLAB ON GRADE FOUNDATIONS. 4.605.3 MOISTURE CONTENT OF BUILDING MATERIALS USED IN WALL & FLOOR FRAMING IS CHECKED BEFORE ENCLOSURE. INDOOR AIR QUALITY & EXHAUST 4.606.1 ENERGY STAR COMPLIANT EXHAUST FANS WHICH TERMINATE OUTSIDE THE BUILDING ARE PROVIDED IN EVERY BATHROOM, CONTROLLED BY A HUMIDITY CONTROL, UNLESS IT IS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM. ENVIRONMENTAL COMPLIANCE 4.607.1 WHOLE HOUSE EXHAUST FANS SHALL HAVE INSULATED LOUVERS OR COVERS WHICH CLOSE WHEN THE FAN IS OFF. COVERS OR LOUVERS SHALL HAVE A MIN. INSULATION VALUE OF R=4.2. 4.607.2 DUCT SYSTEMS ARE SIZED, DESIGNED & EQUIPMENTS IS SELECTED USING THE FOLLOWING METHODS: 1. ESTABLISH HEAT LOSS (LOAD) ACCORDING TO ACCA (S-MANUAL J) OR EQUIVALENT. 2. SIZE DUCT SYSTEMS ACCORDING TO ACCA (S-19 (MANUAL D)) OR EQUIVALENT. 3. SELECT DUCT MATERIALS ACCORDING TO ACCA (S-MANUAL S) OR EQUIVALENT. INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS 702.11 HVAC SYSTEMS SHALL BE TRAINED & CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS. 702.2 SPECIAL INSPECTORS EMPLOYED BY THE ENFORCING AGENCY MUST BE QUALIFIED & ABLE TO DEMONSTRATE COMPETENCE IN THE DISCIPLINE THEY ARE INSPECTING. 703.1 VERIFICATION OF COMPLIANCE WITH THIS CODE MAY INCLUDE: CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATIONS, BUILDER OR INSTALLER CERTIFICATION, INSPECTION REPORTS OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY WHICH SHOW SUBSTANTIAL CONFORMANCE.</p>	<p>1. THE ADDRESS OF THE RESIDENCE SHALL BE PROVIDED AND PLACED IN A POSITION THAT IS READILY VISIBLE & LEGIBLE FROM THE STREET FRONTING THE PROPERTY. NUMBERS SHALL BE A MINIMUM OF 4" HIGH WITH A MINIMUM STROKE WIDTH OF 0.3". 2. POTABLE WATER SUPPLIES SHALL BE PROTECTED FROM CONTAMINATION CAUSED BY FIRE PROTECTION WATER SUPPLIES. IT IS THE RESPONSIBILITY OF THE APPLICANT AND ANY CONTRACTORS AND SUBCONTRACTORS TO CONTACT THE WATER PURVEYOR SUPPLYING THE SITE OF SUCH PROJECT, AND TO COMPLY WITH THE REQUIREMENTS OF THAT PURVEYOR. SUCH REQUIREMENTS SHALL BE INCORPORATED INTO THE DESIGN OF ANY WATER-BASED FIRE PROTECTION SYSTEMS, AND/OR FIRE SUPPRESSION WATER SUPPLY SYSTEMS OR STORAGE CONTAINERS THAT MAY BE PHYSICALLY CONNECTED IN ANY MANNER TO AN APPLIANCE CAPABLE OF CAUSING CONTAMINATION OF THE POTABLE WATER SUPPLY OF THE PURVEYOR OF RECORD. 3. ALL CONSTRUCTION SITES MUST COMPLY WITH APPLICABLE PROVISIONS OF THE CFC CHAPTER 33 AND OUR STANDARD DETAIL AND SPECIFICATION S-7. 4. SMOKE ALARMS SHALL BE INSTALLED IN EACH SLEEPING ROOM, OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, AND ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS. SMOKE ALARMS SHALL BE INTERCONNECTED, RECEIVED THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH BATTERY BACKUP. 5. AN APPROVED CARBON MONOXIDE ALARM SHALL BE INSTALLED IN DWELLING OR SLEEPING UNITS WITHIN WHICH FUEL-BURNING APPLIANCES ARE INSTALLED AND IN SLEEPING UNITS THAT HAVE AN ATTACHED GARAGE. CARBON MONOXIDE ALARMS SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE DWELLING UNIT SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOM AND ON EVERY LEVEL OF A DWELLING UNIT INCLUDING BASEMENTS.</p>	<p>1. CONTRACTOR SHALL COMPLY WITH ALL CALIFORNIA RESIDENTIAL CODE (CRC) 2022, CALIFORNIA BUILDING CODE (CBC) 2022, CALIFORNIA MECHANICAL CODE (CMC) 2022, CALIFORNIA PLUMBING CODE (CPC) 2022, CALIFORNIA FIRE CODE (CFC) 2022, CALIFORNIA ELECTRICAL CODE (CEC) 2022, CALIFORNIA GREEN BUILDING CODE (CGBC) 2022, ENERGY EFFICIENCY STANDARDS TITLE 24, 2. SITE DRAINAGE: NO DRAINAGE ACROSS OR ONTO ADJACENT PROPERTIES OR ON SITE WATER IMPERVIOUS SURFACES WITHIN 10' OF STRUCTURE. 3. FOUNDATION SOIL UNDER SLAB AND FOOTINGS TO BE 85% COMPACTED. ALL BEARING FOOTINGS SHALL EXTEND A MINIMUM OF 12" INTO UNDISTURBED SOIL, UNLESS OTHERWISE NOTED. FOUNDATIONS AND HOUSE SLAB SHALL BE 2000 PSI AT 28 DAYS. FLAT WORK SHALL BE 2000 PSI AT 28 DAYS. FINISH FLOOR SLAB SHALL BE A MINIMUM OF 6" ABOVE GRADE. PROVIDE COPIES OF ANY COMPACTION OR SOIL ANALYSIS REPORTS TO THE BUILDING DEPARTMENT PRIOR TO THE FOUNDATION INSPECTION. 4. SILL PLATES WILL BE PRESSURE TREATED OR FOUNDATION GRADE REDWOOD. 5. ALL EXTERIOR AND INTERIOR BEARING WALLS SHALL BE 2x4 D.F. WOOD STUDS AT 16" O.C. UNLESS OTHERWISE NOTED ON PLANS. 6. PROVIDE SOLO BLOCKING AT ALL SURRED GELINGS AND SOFFITS AT WALLS. 7. AT ALL NON-BEARING WALLS PARALLEL TO ROOF TRUSS THAT ARE UNBRACED FOR MORE THAN 8'0" PROVIDE A 2x4 DIAGONAL BRACE FROM THE TOP PLATE TO THE TOP CHORD WITH A MINIMUM OF 2-1/8" EACH END. 8. BOTTOM CHORD OF TRUSS TO BE BRACED AT 12" O.C. (MINIMUM). 9. ALL EXTERIOR DOOR AND WINDOW HEADERS SHALL BE 6x12 WITH DOUBLE TOP PLATE OVER, UNLESS OTHERWISE NOTED. 10. POWER DRIVEN FASTENERS: ESR 2269 X-U 18 S36 AS MANUFACTURED BY "HILT". SPACING: 16" O.C. AT ALL BEARING WALLS, 36" O.C. AT ALL NON-BEARING WALLS. 11. EXTERIOR FINISH TO BE HORIZONTAL SIDING AT 1st FLOOR AND SHINGLE SIDING AT THE 2nd FLOOR. SEE EXTERIOR ELEVATIONS, UNLESS OTHERWISE NOTED (U.O.N.). 12. STUCCO FINISHES AT EDGES SHALL INCLUDE THE FOLLOWING: DRIP Scribed, SUPERIOR #1/ CASING BEAD, MILCOR #66 EXTERIOR CORNER, MILCOR #1 EXP. JOINT, INTERIOR CORNER, MILCOR #30 EXP. JOINT. 13. ALL WINDOWS SHALL BE DUAL GLAZED WITH VINYL FRAME. SEE ELEVATIONS FOR GRIDS. 14. ALL EXTERIOR SLUING GLASS DOORS AND WINDOWS WITH SILLS WITHIN 18" OF THE FLOOR AND WITHIN A 34" ARC OF EITHER VERTICAL EDGE OF AN EXTERIOR DOOR IN A CLOSED POSITION SHALL BE TEMPERED, H-S-HORIZONTAL SLIDER, S-H-SINGLE HUNG, OBS-OBSCURE, FXD-FIXED, TEMP-TEMPERED, HLF-RND-HALF ROUND. 15. SILL PLATES FOR NON-BEARING WALLS MUST BE ANCHORED TO SLAB WITH HARDENED CEMENT NAILS. 16. EXTERIOR SILL PLATES SHALL BE CAULKED AT JOINTS WITH CONCRETE SLAB. CAULK ALL OPENINGS IN EXTERIOR ENVELOPE, ALL JOINTS BETWEEN DISSIMILAR MATERIALS, AND AT JUNCTIONS OF MAJOR COMPONENTS. 17. PROVIDE ONE COAT HEAVY-BODIED ACRYLIC STAIN ON BARGE RAFTERS, FASCIA BOARDS, EXPOSED EAVES, AND WOOD TRIM. 18. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS IN FIELD, ANY CONFLICTS OR DISCREPANCIES ARE TO BE BROUGHT TO THE DESIGNER'S ATTENTION PRIOR TO CONSTRUCTION. 19. BACKLOG PREVENTER REQUIRED ON ALL HOSE BIBBS.</p>	<p>T-1 PROJECT DATA/ GENERAL NOTES/ VICINITY MAP/ SHEET INDEX T-1-1 GENERAL NOTES T-1-2 BLUEPRINT FOR A CLEAN BAY A-1 DEMO SITE PLAN A-1-1 SITE PLAN A-2 PROPOSED 1st LEVEL FLOOR PLAN A-3 PROPOSED 2nd LEVEL FLOOR PLAN A-4 EXTERIOR ELEVATIONS A-5 EXTERIOR ELEVATIONS A-6 ROOF PLAN A-7 SECTIONS</p>
<p>SPECIAL INSPECTIONS ALL WORK REQUIRING INSPECTIONS MUST BE DONE BY CERTIFIED INSPECTION AGENCY. • RETROFIT HOLD-DOWN ANCHORS MAY BE INSPECTED BY THE ENGINEER OF RECORD. THE EOR SHALL PROVIDE A LETTER TO THE CITY FIELD INSPECTOR AT THE TIME OF HOLD-DOWN INSPECTION DESCRIBING THE RESULTS OF THE INSPECTIONS(7).</p>	<p>SPECIAL INSPECTIONS ALL WORK REQUIRING INSPECTIONS MUST BE DONE BY CERTIFIED INSPECTION AGENCY. • RETROFIT HOLD-DOWN ANCHORS MAY BE INSPECTED BY THE ENGINEER OF RECORD. THE EOR SHALL PROVIDE A LETTER TO THE CITY FIELD INSPECTOR AT THE TIME OF HOLD-DOWN INSPECTION DESCRIBING THE RESULTS OF THE INSPECTIONS(7).</p>	<p>DEFERRED SUBMITTALS DEFERRED APPROVALS ARE SUBJECT TO CITY'S APPROVAL. • FIRE SPRINKLER SYSTEM TO BE SUBMITTED AND APPROVED UNDER A SEPARATE PERMIT. THE STRUCTURE WILL COMPLY WITH FC113 FOR RESIDENTIAL FIRE SPRINKLERS. SUBMIT DESIGN CALCULATION AND PLAN TO COUNTY FIRE 4688 378-4010</p>	<p>PROJECT DATA PROJECT ADDRESS: 4435 FILLMORE STREET ASSESSOR PARCEL NUMBER: 104-10-055 ZONING: R-1 CONSTRUCTION TYPE: V-8 (SPRINKLERED) OCCUPANCY TYPE: X FLOOD ZONE: X LOT SIZE: 6,250 S.F. EXISTING RESIDENCE TO BE DEMO'D: 924 S.F. EXISTING GARAGE TO BE DEMO'D: 274 S.F. PROPOSED 1st LEVEL: 1,371.08 S.F. PROPOSED ATTACHED ADU: 450.02 S.F. PROPOSED 2nd LEVEL: 1,489.15 S.F. TOTAL LIVING AREA: 3,330.25 S.F. PROPOSED GARAGE: 486.65 S.F. PROPOSED COVERED PORCH: 100.33 S.F. PROPOSED PATIO: 265 S.F. PROPOSED BALCONY: 112.32 S.F. TOTAL LOT COVERAGE: 2,218.06 S.F. MAX. LOT COVERAGE: 2,500 S.F. COMMON LIVING AREA: 908.33 S.F. - PROVIDED (923.8 S.F. - REQUIRED) EXISTING BEDROOM: 2 EXISTING BATHROOM: 1 PROPOSED BEDROOM: 5 (PLUS 1 BEDROOM IN ADU) PROPOSED BATHROOM: 4 (PLUS 1 BATHROOM IN ADU) PROPOSED PARKING: 2 COVERED: 2 UNCOVERED: 0</p>
<p>HERS FEATURES • HERS VERIFICATION REQUIRED FOR THE BUILDING ENVELOPE (QUALITY INSULATION INSTALLATION (QII), HVAC COOLING, HVAC DISTRIBUTION, MINIMUM AIRFLOW, VERIFIED REFRIGERANT CHARGE, DUCT LEAKAGE TESTING, AND HVAC FAN SYSTEMS, PROVIDE EVIDENCE OF THIRD PARTY VERIFICATION (HERS) TO PROJECT BUILDER INSPECTOR, PRIOR TO FINAL INSPECTION.</p>	<p>HERS FEATURES • HERS VERIFICATION REQUIRED FOR THE BUILDING ENVELOPE (QUALITY INSULATION INSTALLATION (QII), HVAC COOLING, HVAC DISTRIBUTION, MINIMUM AIRFLOW, VERIFIED REFRIGERANT CHARGE, DUCT LEAKAGE TESTING, AND HVAC FAN SYSTEMS, PROVIDE EVIDENCE OF THIRD PARTY VERIFICATION (HERS) TO PROJECT BUILDER INSPECTOR, PRIOR TO FINAL INSPECTION.</p>	<p>DEFERRED SUBMITTALS DEFERRED APPROVALS ARE SUBJECT TO CITY'S APPROVAL. • FIRE SPRINKLER SYSTEM TO BE SUBMITTED AND APPROVED UNDER A SEPARATE PERMIT. THE STRUCTURE WILL COMPLY WITH FC113 FOR RESIDENTIAL FIRE SPRINKLERS. SUBMIT DESIGN CALCULATION AND PLAN TO COUNTY FIRE 4688 378-4010</p>	<p>PROJECT CONTACTS OWNER: GM & FOLZIA SOLAIMAN GM.kh@warrendesign.com 4435 FILLMORE STREET SANTA CLARA, CA 95051 (408) 409-4360 DESIGNER: WARREN DESIGN DANIEL WARREN 579 E. CAMPBELL AVE. CAMPBELL, CA 95008 650-469-3760 SCOPE OF WORK: DEMO EXISTING 924 S.F. RESIDENCE. CONSTRUCT A NEW 2 STORY RESIDENCE WITH LIVING ROOM, FAMILY DINING, KITCHEN, MUD ROOM, OFFICE, POWDER ROOM, 2 GAR. GARAGE, COVERED PORCH, COVERED PATIO, AND ATTACHED ADU WITH KITCHEN, LIVING, BEDROOM, AND BATHROOM AT 1ST LEVEL, AND PRIMARY BEDROOM, PRIMARY BATHROOM, LAUNDRY, LOFT, 3 BEDROOMS, AND 3 BATHROOMS AT 2ND LEVEL. PROVIDE NEW STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL, AS NECESSARY AND SHOWN ON PLANS. PHOTOVOLTAIC SYSTEM (PV): • A PV SYSTEM OF ___ KWdc IS A "REQUIRED SPECIAL FEATURE" OF THE ENERGY CALCULATION. A SEPARATE BUILDING PERMIT IS REQUIRED FOR THE PV SYSTEM THAT IS REQUIRED BY THE CALIFORNIA ENERGY CODE PERFORMANCE OR PRESCRIPTIVE STANDARDS. THE SEPARATE PV SYSTEM PERMIT MUST BE FINLED PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.</p>
<p>VICINITY MAP Map showing the project location at 4435 Fillmore Street, Santa Clara, CA. The map includes surrounding streets like Grand Central Blvd, Grand Central Blvd, and Grand Central Blvd, and landmarks like Grand Central Blvd, Grand Central Blvd, and Grand Central Blvd.</p>	<p>VICINITY MAP Map showing the project location at 4435 Fillmore Street, Santa Clara, CA. The map includes surrounding streets like Grand Central Blvd, Grand Central Blvd, and Grand Central Blvd, and landmarks like Grand Central Blvd, Grand Central Blvd, and Grand Central Blvd.</p>	<p>DEFERRED SUBMITTALS DEFERRED APPROVALS ARE SUBJECT TO CITY'S APPROVAL. • FIRE SPRINKLER SYSTEM TO BE SUBMITTED AND APPROVED UNDER A SEPARATE PERMIT. THE STRUCTURE WILL COMPLY WITH FC113 FOR RESIDENTIAL FIRE SPRINKLERS. SUBMIT DESIGN CALCULATION AND PLAN TO COUNTY FIRE 4688 378-4010</p>	<p>PROJECT CONTACTS OWNER: GM & FOLZIA SOLAIMAN GM.kh@warrendesign.com 4435 FILLMORE STREET SANTA CLARA, CA 95051 (408) 409-4360 DESIGNER: WARREN DESIGN DANIEL WARREN 579 E. CAMPBELL AVE. CAMPBELL, CA 95008 650-469-3760 SCOPE OF WORK: DEMO EXISTING 924 S.F. RESIDENCE. CONSTRUCT A NEW 2 STORY RESIDENCE WITH LIVING ROOM, FAMILY DINING, KITCHEN, MUD ROOM, OFFICE, POWDER ROOM, 2 GAR. GARAGE, COVERED PORCH, COVERED PATIO, AND ATTACHED ADU WITH KITCHEN, LIVING, BEDROOM, AND BATHROOM AT 1ST LEVEL, AND PRIMARY BEDROOM, PRIMARY BATHROOM, LAUNDRY, LOFT, 3 BEDROOMS, AND 3 BATHROOMS AT 2ND LEVEL. PROVIDE NEW STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL, AS NECESSARY AND SHOWN ON PLANS. PHOTOVOLTAIC SYSTEM (PV): • A PV SYSTEM OF ___ KWdc IS A "REQUIRED SPECIAL FEATURE" OF THE ENERGY CALCULATION. A SEPARATE BUILDING PERMIT IS REQUIRED FOR THE PV SYSTEM THAT IS REQUIRED BY THE CALIFORNIA ENERGY CODE PERFORMANCE OR PRESCRIPTIVE STANDARDS. THE SEPARATE PV SYSTEM PERMIT MUST BE FINLED PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.</p>

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Pollution Prevention — It's Part of the Plan



Make sure your crews and subs do the job right!

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



Materials storage & spill cleanup

Non-hazardous materials management

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

Hazardous materials management

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

Spill prevention and control

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

Vehicle and equipment maintenance & cleaning

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



Earthwork & contaminated soils

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



Dewatering operations

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



Saw cutting

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



Paving/asphalt work

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



Concrete, grout, and mortar storage & waste disposal

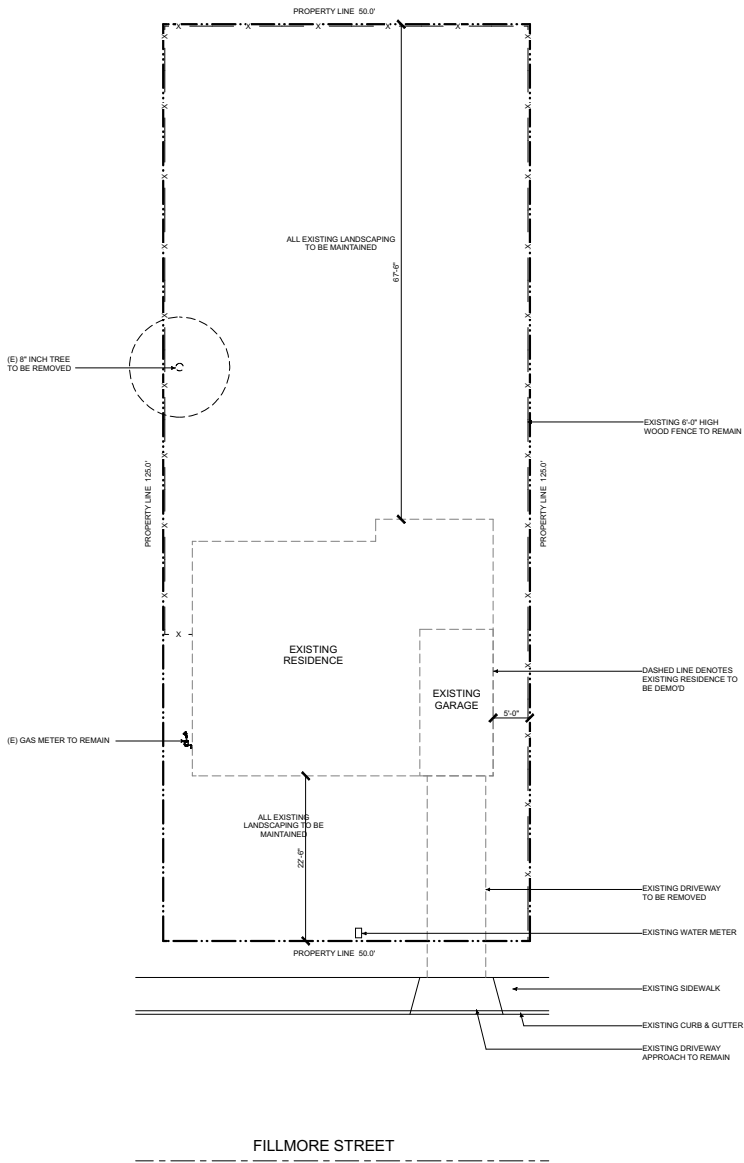
- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let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

Painting

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

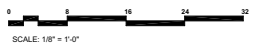


Storm drain polluters may be liable for fines of up to \$10,000 per day!



FILLMORE STREET

Demo Site Plan



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



14.6' E.P.

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 891 E. CAMPBELL AVE. CAMPBELL, CA 95008 P. 950.969.2900

DW

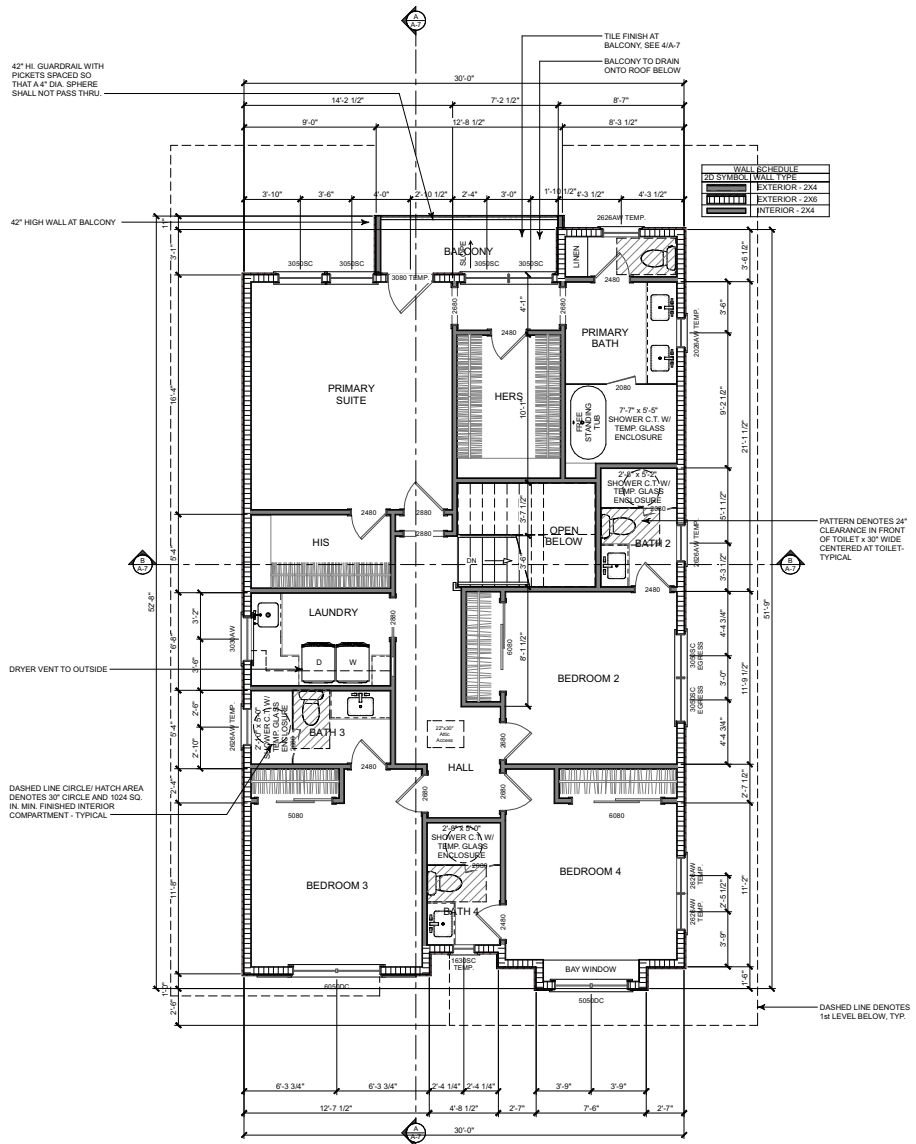
FILLMORE RESIDENCE
 NEW RESIDENCE
 4435 FILLMORE STREET
 SANTA CLARA CALIFORNIA

Date:	09/23/2024
Drawn By:	DW
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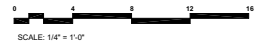
DEMO SITE PLAN

Project No: 2461

Sheet No: A-1



Proposed 2nd Level Floor Plan



WARREN DESIGN
 897E CAMPBELL AVE. CAMPBELL, CA 95008 P. 650.669.2900

FILLMORE RESIDENCE
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 4435 FILLMORE STREET
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Date: 09/23/2024

Drawn By: DW

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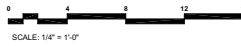
PROPOSED 2nd LEVEL FLOOR PLAN

Project No: 2461

Sheet No: A-3



Front Elevation



APPROVED ADDRESS TO CONTRAST W/ BACKGROUND MIN. 4" HI. W/ MIN. 1/2" STROKE

26 GA. G.I. DRIP SCREEN WITH MIN. VERTICAL ATTACHMENT FLANGE AT 31/2" PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE AT ALL EXTERIOR WALLS TYP. AT 4" ABV. GRADE (2" ABV. HARDSCAPE)



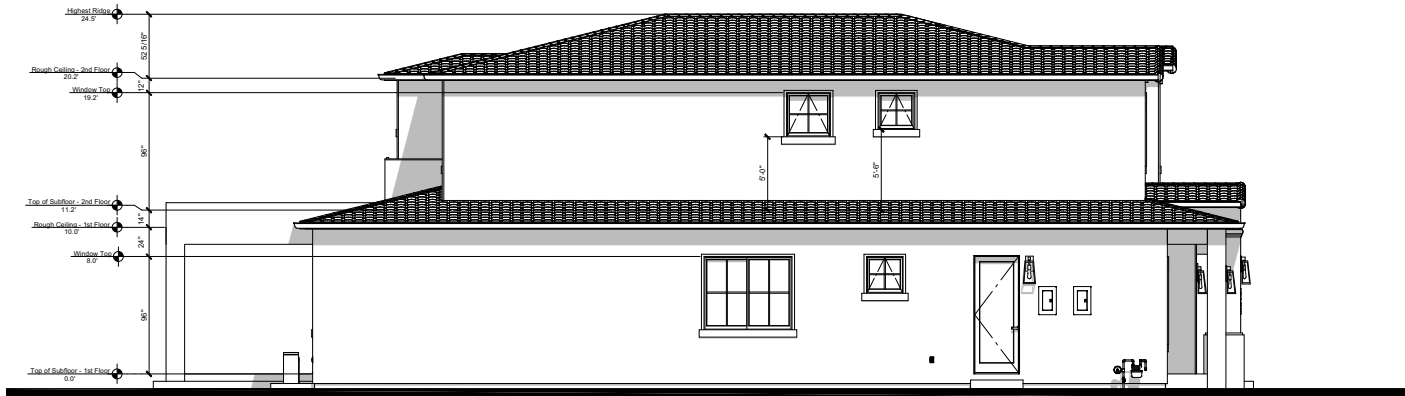
SPANISH TILE ROOFING - COLOR: SAN MATEO BLEND



WINDOW/DOOR FRAMES, SHUTTERS, & GUTTERS - COLOR: DARK BRONZE



STUCCO & SOFFITS - COLOR: PURE WHITE



Left Elevation

- ALL EXTERIOR FLASHING AND INSTALLATION OF APPROVED CORROSION RESISTANT FLASHING ALIED SHINGLE FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER INTO THE BUILDING STRUCTURAL FRAMING COMPONENTS AT THE FOLLOWING LOCATIONS, BUT NOT LIMITED TO:
- EXTERIOR WINDOWS AND DOORS.
 - AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS WITH PROJECTION LIPS ON BOTH SIDES UNDER STUCCO COPINGS.
 - UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS.
 - CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
 - WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OR WOOD-FRAME CONSTRUCTION AT WALL AND ROOF INTERSECTIONS.
 - AT BUILT-IN GUTTERS.

WARREN DESIGN

870 E. CAMPBELL AVE. CAMPBELL, CA 95008 P. 408.699.8700

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FILLMORE RESIDENCE

NEW RESIDENCE

4435 FILLMORE STREET

SANTA CLARA CALIFORNIA

Date: 09/23/2024

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EXTERIOR ELEVATIONS

Project No: 2461

Sheet No: A-4

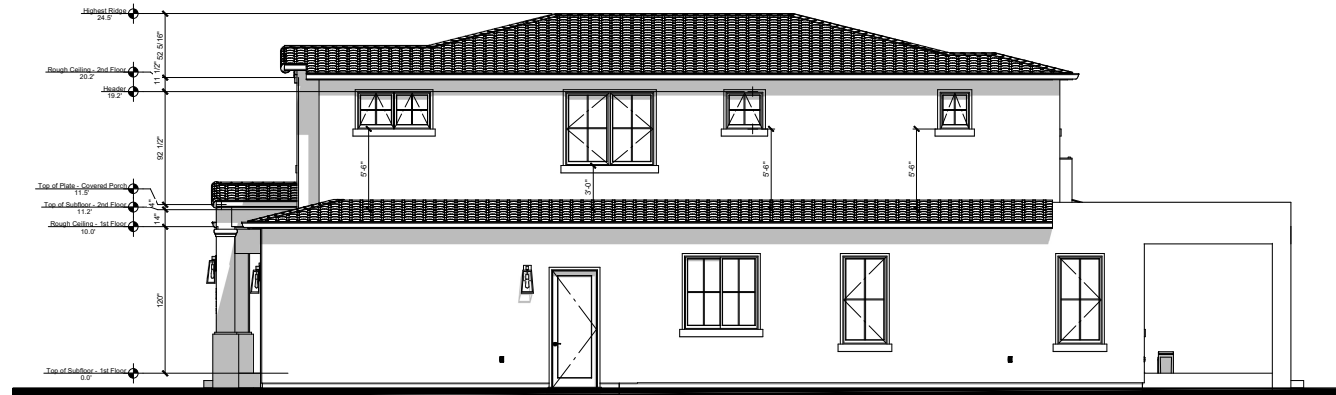
8 of 13



Rear Elevation



26 GA. G.I. DRIP SCREED WITH MIN. VERTICAL ATTACHMENT FLANGE AT 31/2\"/>



Right Elevation

- ALL EXTERIOR FLASHING AND INSTALLATION OF APPROVED CORROSION RESISTANT FLASHING ALLED SHINGLE-FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER INTO THE BUILDING STRUCTURAL FRAMING COMPONENTS AT THE FOLLOWING LOCATIONS, BUT NOT LIMITED TO:
- EXTERIOR WINDOWS AND DOORS.
 - AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS, WITH PROJECTION LIPS ON BOTH SIDES UNDER STUCCO COPINGS.
 - UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS.
 - CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
 - WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OR WOOD-FRAME CONSTRUCTION AT WALL AND ROOF INTERSECTIONS.
 - AT BUILT-IN GUTTERS.

WARREN DESIGN

891 E. CAMPBELL AVE. CAMPBELL, CA 95008 P. 950.869.8700

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FILLMORE RESIDENCE

NEW RESIDENCE
4435 FILLMORE STREET

SANTA CLARA CALIFORNIA

Date: 09/23/2024

Drawn By: DW

Revisions:



EXTERIOR ELEVATIONS

Project No: 2461

Sheet No: A-5

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ROOF PLAN GENERAL NOTES:

1. ARROWS INDICATE DIRECTION OF ROOF SLOPE.
2. OVERHANGS ARE TO BE 12" AT EAVES & 12" AT RAKES (U.N.C.)
3. PROVIDE EAVE VENTS FOR ATTIC VENTILATION PER C.I.C. TYPICAL.
4. INSTALL G.I. MATERIAL ROOF JACKS FOR PLUMBING VENTS, ETC. AS REQUIRED.
5. INSTALL "OGEE" GUTTER W/ DOWNSPOUTS AS REQUIRED TO MATCH EXISTING.
6. PROVIDE CONCRETE SPLASH BLOCKS AT DOWNSPOUT LOCATIONS FOR DRAINAGE AWAY FROM STRUCTURE - TYPICAL.

1st LEVEL ATTIC VENTILATION:

564.17 S.F. OF ATTIC SPACE / 300 = 1.88 S.F.
 1.88 S.F. x 144 SQ. INCHES = 270.72 SQ. INCHES REQ'D
 270.72 SQ. INCHES / 2 = 135.36 SQ. INCHES

135.36 SQ. INCHES REQ'D / 72 SQ. INCHES = 2 - 32"x24" O'HAGIN FLAT ROOF VENTS.

PROVIDE (3) 2" DIA. HOLES AT FREEZE BLK'S (8 SQ. INCHES OF VENTING PER BLOCK)

135.36 SQ. INCHES REQ'D / 9 SQ. INCHES = 15 FREEZE BLOCKS REQUIRED.

PROVIDE VENTING BLK'S SPACED EVENLY AT PERIMETER BUT NOT CLOSER THAN EVERY OTHER BAY.

2nd LEVEL ATTIC VENTILATION:

1,493.9 S.F. OF ATTIC SPACE / 300 = 4.98 S.F.

4.98 S.F. x 144 SQ. INCHES = 717.12 SQ. INCHES REQ'D

717.12 SQ. INCHES / 2 = 358.56 SQ. INCHES

358.56 SQ. INCHES REQ'D / 72 SQ. INCHES = 5 - 32"x24" O'HAGIN FLAT ROOF VENTS.

PROVIDE (3) 2" DIA. HOLES AT FREEZE BLK'S (8 SQ. INCHES OF VENTING PER BLOCK)

358.56 SQ. INCHES REQ'D / 9 SQ. INCHES = 40 FREEZE BLOCKS REQUIRED.

PROVIDE VENTING BLK'S SPACED EVENLY AT PERIMETER BUT NOT CLOSER THAN EVERY OTHER BAY.

NOTE:

AT LEAST 40% BUT NOT MORE THAN 50% OF REQUIRED ATTIC VENTILATION SHALL BE PROVIDED BY VENTS LOCATED NOT MORE THAN 3' BELOW THE RIDGE AND THE REMAINING VENTS LOCATED AT THE EAVE OR CORNICE PER C.I.C.

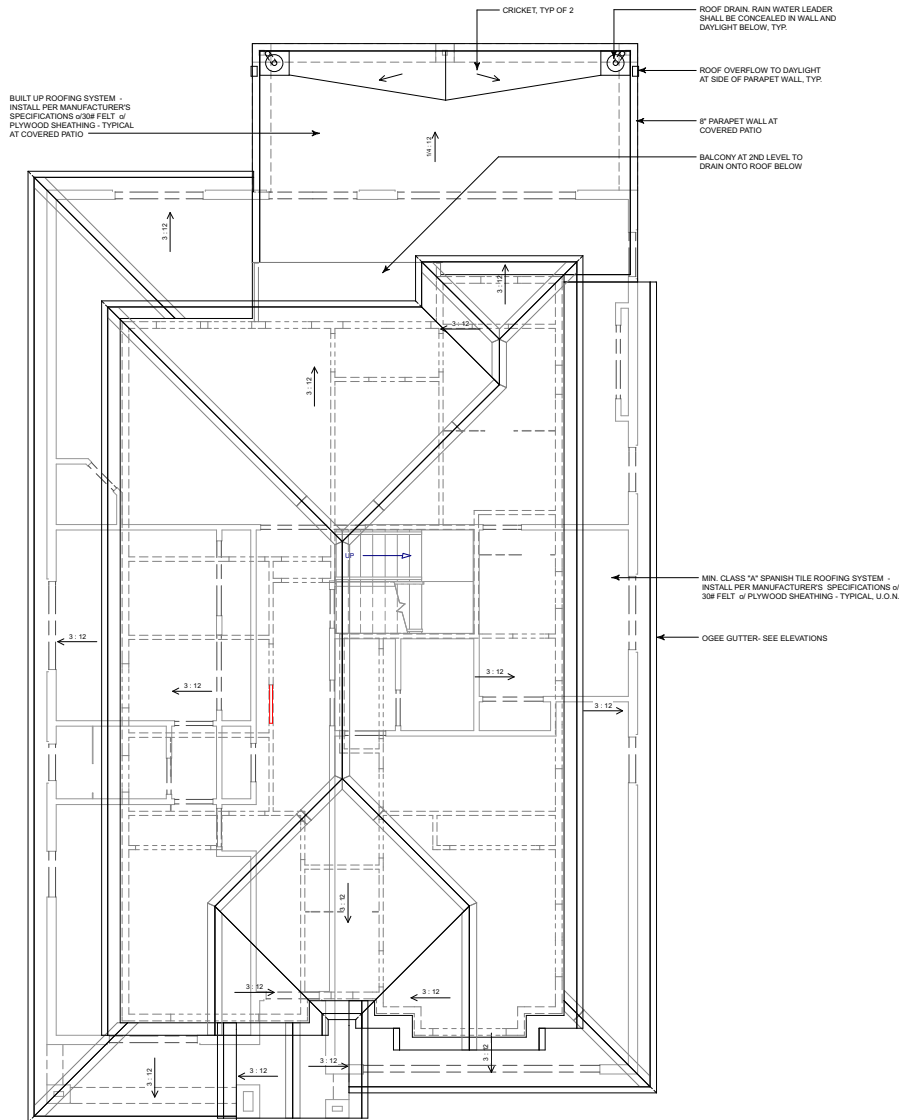
FOUNDATION VENTILATION:

8"x18" SIMPSON G.I. FOUNDATION VENTS TO BE EVENLY SPACED AROUND PERIMETER OF FOUNDATION FOR CROSS VENTILATION REQUIREMENTS. WHERE EXISTING VENTS ARE COVERED UP PROVIDE ADDITIONAL VENTS AS NECESSARY. VENTS SHALL NOT BE LOCATED AT SHEARWALLS

1,801.39 S.F. / 150 S.F. = 12 S.F.

8"x18" = 72 S.F.

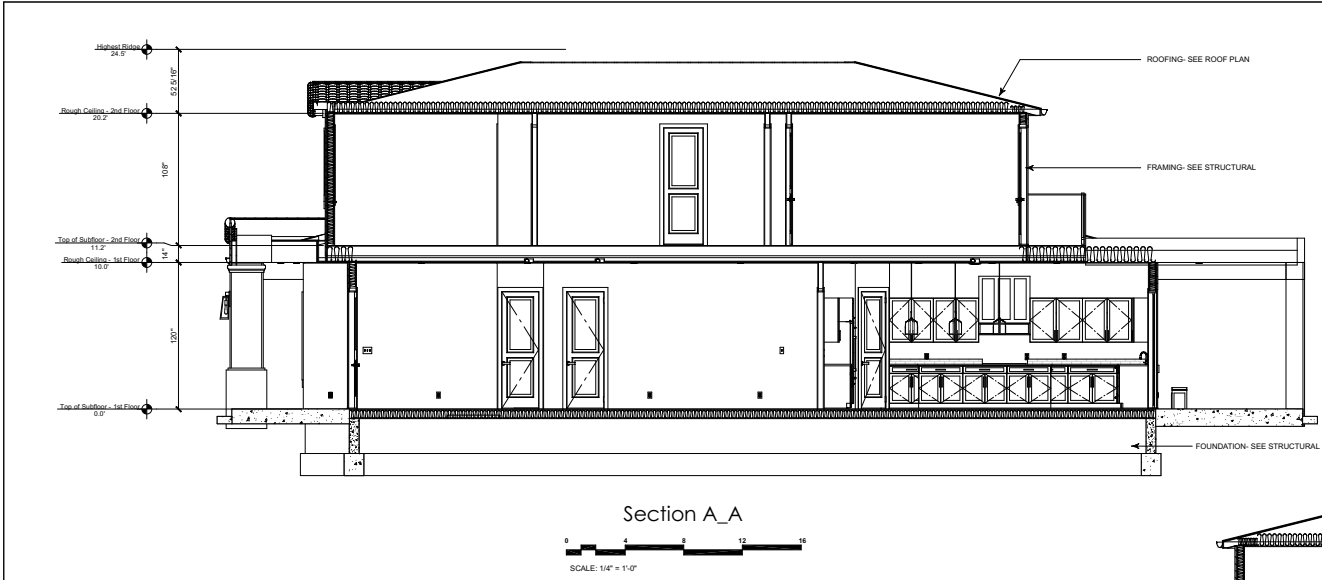
12 S.F. / 72 S.F. = 17 VENTS MIN. REQ'D



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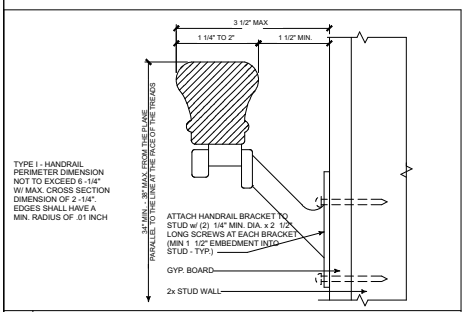
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ROOF PLAN	
Project No:	2461
Sheet No:	A-6
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Section A_A



Section B-B

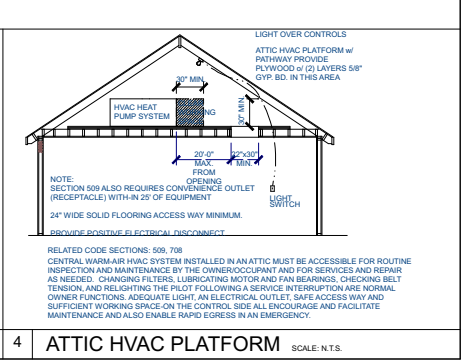
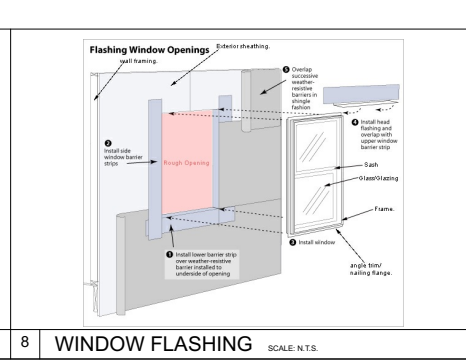
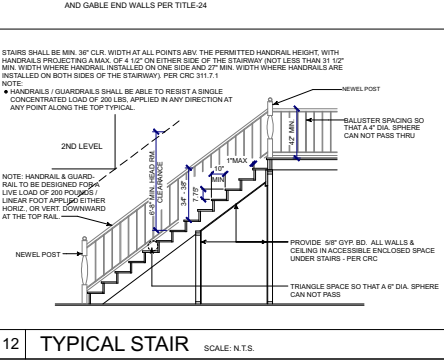
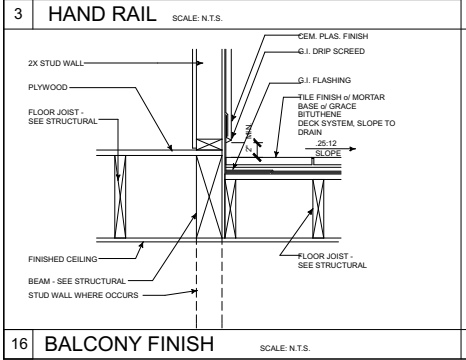


GENERAL NOTES:

1. ALL SHEARWALLS TO BE FRAMED TO BOTTOM OF ROOF SHEATHING - TYP.
2. FIRE STOPS SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS PER CBC:
 - 2.a. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AT THE CEILING AND FLOOR LEVELS AND AT 10-FOOT INTERVALS BOTH VERTICAL AND HORIZONTAL AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.
 - 2.c. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN AND BETWEEN STUDS ALONG AND IN LINE WITH THE RUN OF STAIRS IF THE WALLS UNDER THE STAIRS ARE UNFINISHED.
 - 2.d. IN OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS, FIREPLACES AND SIMILAR OPENINGS WHICH AFFORD A PASSAGE FOR FIRE AT CEILING AND FLOOR LEVELS, WITH NONCOMBUSTIBLE MATERIALS.
 - 2.e. AT OPENINGS BETWEEN ATTIC SPACES AND CHIMNEY CHASES FOR FACTORY-BUILT CHIMNEYS.

INSULATION REQUIREMENTS:
 WALL INSULATION: R-21
 FLOOR INSULATION: R-19
 ATTIC INSULATION: R-38

PROVIDE RADIANT BARRIER AT UNDERSIDE OF ROOF AND GABLE END WALLS PER TITLE-24



WARREN DESIGN
 807E CAMPBELL AVE. CAMPBELL, CA 95008 P. 408.689.2800
 www.warren-design.com
 I.D.W.

FILLMORE RESIDENCE
 NEW RESIDENCE
 4435 FILLMORE STREET
 SANTA CLARA CALIFORNIA

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SECTIONS	
Project No:	2461
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