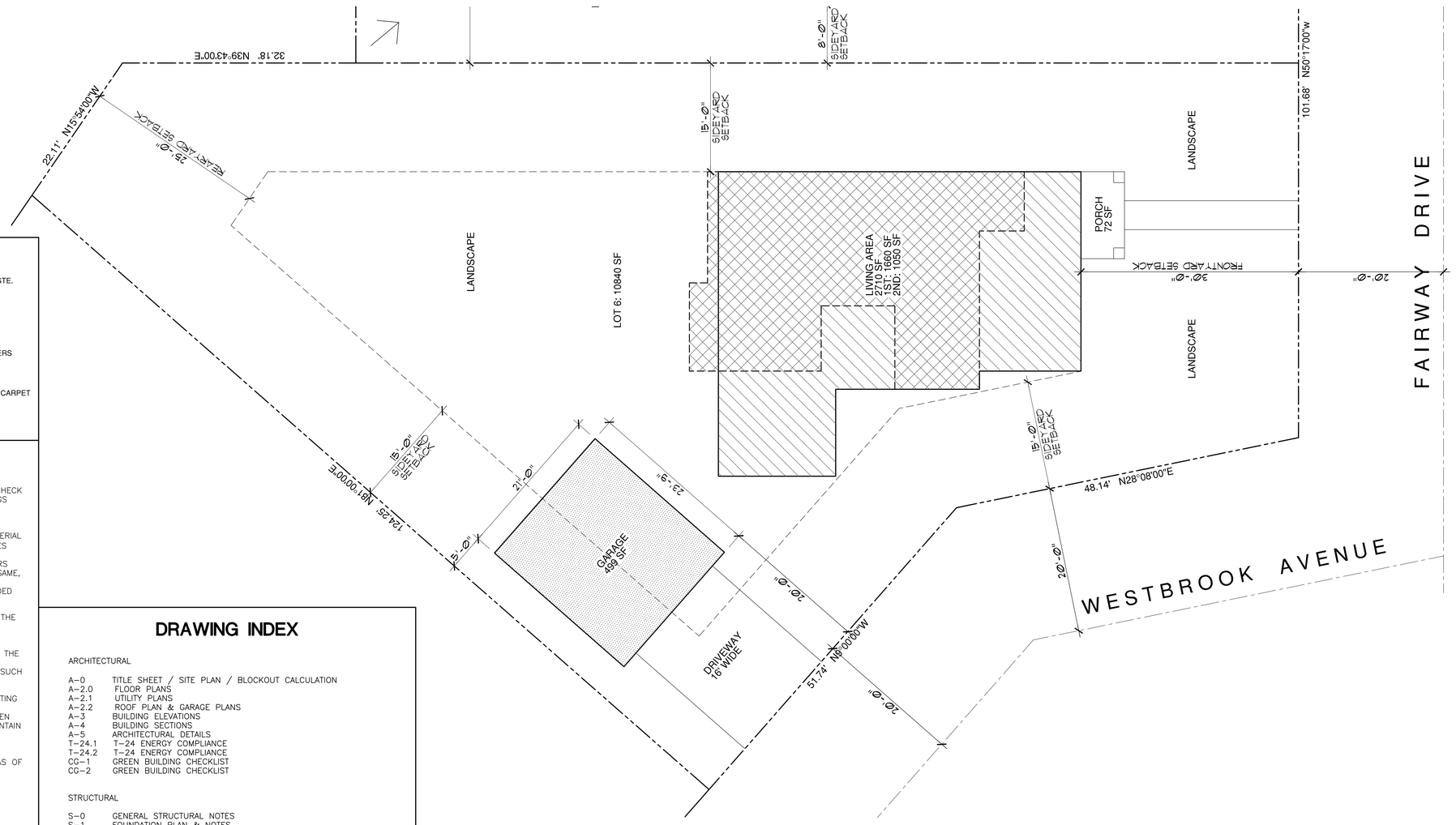


GreenPoint Rated Checklist:

* DIVERT 65% (BY WEIGHT) OF NON-HAZARDOUS CONSTRUCTION AND DEMOLITION WASTE. (RECYCLING OR REUSE) [PAMC Section 16.14.260]
* DUCT OPENINGS AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED DURING CONSTRUCTION.
* INSTALL HIGH-EFFICIENCY IRRIGATION SYSTEM. SYSTEM HAS SMART (WEATHER-BASED) CONTROLLER.
* HOMEOWNER MANUAL OF GREEN FEATURES/BENEFITS SHALL BE GIVEN TO THE THE OWNERS AFTER THE CONSTRUCTION IS FINISHED.
* ALL ADHESIVES, SEALANTS, CAULKS, PAINTS, COATINGS, & AEROSOL PAINT CONTAINERS MUST REMAIN ON THE SITE FOR FIELD VERIFICATION BY THE BUILDING INSPECTOR. CGBSC 4.504.
* PRIOR TO FINAL INSPECTION, A LETTER SIGNED BY THE GENERAL CONTRACTOR OR THE OWNER/BUILDER (FOR ANY OWNER/BUILDER PROJECTS) MUST BE PROVIDED TO THE COUNTY OF SANTA CLARA BUILDING OFFICIAL CERTIFYING THAT ALL ADHESIVES, CARPET SYSTEMS (INCLUDING CARPETING, CUSHION & ADHESIVE), RESILIENT FLOORING SYSTEMS, & COMPOSITE WOOD PRODUCTS INSTALLED ON THIS PROJECT ARE WITHIN THE EMISSION LIMITS SPECIFIED IN CGBSC 4.504.

GENERAL NOTES

IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS INDICATED ON THESE DRAWINGS AND MAKE KNOWN ANY DISCREPANCIES PRIOR TO COMMENCING THEIR WORK

THESE DRAWINGS AREA INTENDED FOR USE IN A NEGOTIATED CONSTRUCTION CONTRACT AND, THEREFORE, MAY NOT SPECIFICALLY DETAIL OR SPECIFY MATERIAL AND / OR MANUFACTURERS. THE CONTRACTOR SHALL PROVIDE ALL SAMPLES AND OR CUTS AS REQUIRED TO ASSIST OWNER OR HIS AGENT IN MAKING MATERIAL SELECTIONS. FOR THE PURPOSE OF ESTIMATING, THE CONTRACTORS SHALL USE THE MATERIALS SELECTED BY THE OWNER, OR IN ABSENCE OF SAME, HE SHALL PROVIDE AN ALLOWANCE AMOUNT AND SO CONDITION ANY COST ESTIMATE.. ALL MATERIALS SPECIFIED IN THESE DRAWINGS SHALL BE INCLUDED IN SUCH ESTIMATE

NO GUARANTEE OF QUALITY OF CONSTRUCTION IS IMPLIED OR INTENDED BY THE ARCHITECTURAL DOCUMENTS, AND THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY OR ALL CONSTRUCTION DEFICIENCIES.

THE GENERAL CONTRACTOR SHALL HOLD HARMLESS, INDEMNIFY AND DEFEND THE DESIGNER FROM ANY ACTION INITIATED BY THE INITIAL OWNER OR ANY SUBSEQUENT OWNERS FOR CONSTRUCTION DEFICIENCIES, MODIFICATIONS OR SUCH CONDITIONS WHICH MAY BE BEYOND THE CONTROL OF THE DESIGNER.

THE CONTRACTOR SHALL REVIEW AND RECORD THE CONDITIONS OF ALL EXISTING SITE IMPROVEMENTS INCLUDING PAVED AREAS. HE SHALL MAKE KNOWN ALL EXISTING DAMAGED OR DISREPAIRED ITEMS AND CONDITIONS THAT MAY WORSEN DUE TO THE CONSTRUCTION. ALL ITEMS IN GOOD CONDITION SHALL BE MAINTAIN IN THEIR PRESENT CONDITION AND ANY REPAIR OR DAMAGE WHICH OCCURS DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL THOROUGHLY EXAMINE THE SITE AND SATISFY HIMSELF AS OF THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. THE CONTRACTOR SHALL VERIFY AT THE SITE ALL MEASUREMENTS AFFECTING HIS WORK AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SAME. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR THE EXPENSES DUE TO HIS NEGLECT TO EXAMINE OR FAILURE TO DISCOVER CONDITIONS WHICH MAY AFFECT HIS WORK.

ALL NEW INTERIOR PAINT COLOR, FLOOR, WALLS AND CEILING FINISHES SHALL BE SELECTED BY OWNER AT THE TIME WHEN IT IS NECESSARY FOR THE COMPLETION OF THE PROJECT.

ALL PUBLIC IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST ADOPTED CITY STANDARDS. THE STORING OF GOODS AND MATERIALS ON SIDEWALK AND/OR STREET WALL NOT BE ALLOWED UNLESS THE CONTRACTOR HAS APPLIED AND SECURED A SPECIAL PERMIT WHICH ALLOW SUCH STORAGE TO BE PLACED.

FINISH GRADE AROUND STRUCTURAL SHALL SLOPE AWAY FROM FOUNDATION A MINIMUM 5% FOR A MINIMUM 10'.

DRAWING INDEX

OWNER:

JESSE PAN
1675 FAIRWAY DRIVE
LOS ALTOS, CA 94024
TEL: (408) 981-4712

ARCHITECT:

LHC ARCHITECTURAL DESIGN
682 VILLA STREET, SUITE C1
MOUNTAIN VIEW, CA 94024
TEL: (408) 483-1965

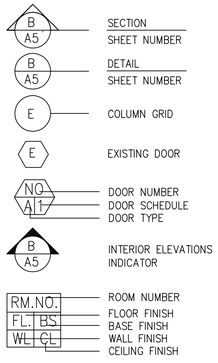
SCOPE OF WORK

THIS PROJECT IS TO PROPOSE A NEW 2-STORY HOUSE WITH 4 BEDROOMS & 4.5 BATHROOMS SINGLE FAMILY HOUSE AND A DETACHED GARAGE IN THE SIDE.

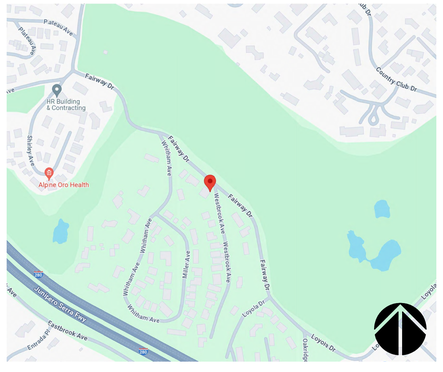
PROJECT DATA

ZONING DESIGNATION:	R1-20-n1
EXISTING USE:	SINGLE FAMILY RESIDENTIAL
PROPOSED USE:	SINGLE FAMILY RESIDENTIAL
OCCUPANCY GROUP:	R3/U
TYPE OF CONSTRUCTION:	V-B
LOT SIZE:	10840 S.F. 0.2485 ACRE
PROPOSED 1ST FL. LIVING AREA:	1660 S.F.
PROPOSED 2ND FL. LIVING AREA:	1050 S.F.
FLOOR AREA RATIO (FAR):	25.00% (2710/10840)
PROPOSED FRONT PORCH:	72 S.F.
PROPOSED DETACHED GARAGE:	499 S.F.
LOT COVERAGE:	20.58% (2231/10840)
BUILDING HEIGHT:	25'-5"
NUMBER OF STORIES:	2
PAVING AREA:	1084 S.F. 10.00% OF TOTAL
LANDSCAPE AREA:	7525 S.F. 69.42% OF TOTAL
PROPOSED BLDG. SET BACK:	FRONT 30 FT. SIDE 15 FT. REAR 25 FT.
APPLICABLE CODES:	2022 CRC, CGBC, CEnC, CMC, CPC, CFC, CEC, & COUNTY OF SANTA CLARA ORDINANCES.
ASSESSOR PARCEL NUMBER:	331-07-014

SYMBOL



VICINITY MAP



SITE PLAN | 1/8" | 1

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hauching@aol.com

LICENSED ARCHITECT HAUCHING CHAO C-28947 RENEWAL: 10-31-2024 STATE OF CALIFORNIA

OWNER:
Jesse Pan
1675 Fairway Drive
Los Altos, CA 94024
(408) 981-4712

PAN RESIDENCE & DETACHED GARAGE LOT 6

1675 FAIRWAY DRIVE
LOS ALTOS, CALIFORNIA 94024

REVISIONS:

SHEET TITLE:
TITLE SHEET & SITE PLAN

DATE: Nov. 10, 2023
PROJECT NO.: 22-53B
SCALE: AS SHOWN
DRAWN: HC
SHEET: A-0
OF 9 SHEETS

LEGEND :

EXISTING WALL TO REMAIN AND REPAIR AS REQUIRED.

2X OR 3X WOOD STUDS W/ 1/2" THK. GYP. BD. ON BOTH SIDES (CDX OR OSB PLYW'D O/ STUD @ SHEAR WALLS)

2X OR 3X WOOD STUDS W/ 1/2" THK. GYP. BD. INTERIOR SIDE 7/8" CEMENT PLASTER O/ (2) "D" PAPER BACKED LATH OR WOOD SIDING OVER 15# BLDG. PAPER (PAINTED) OVER CDX OR OSB PLYWOOD (SEE ELEVATIONS FOR EXTERIOR FINISH)

WINDOWS

* TYPICAL ALL WATER SUPPLY PIPE TO BE COPPER.

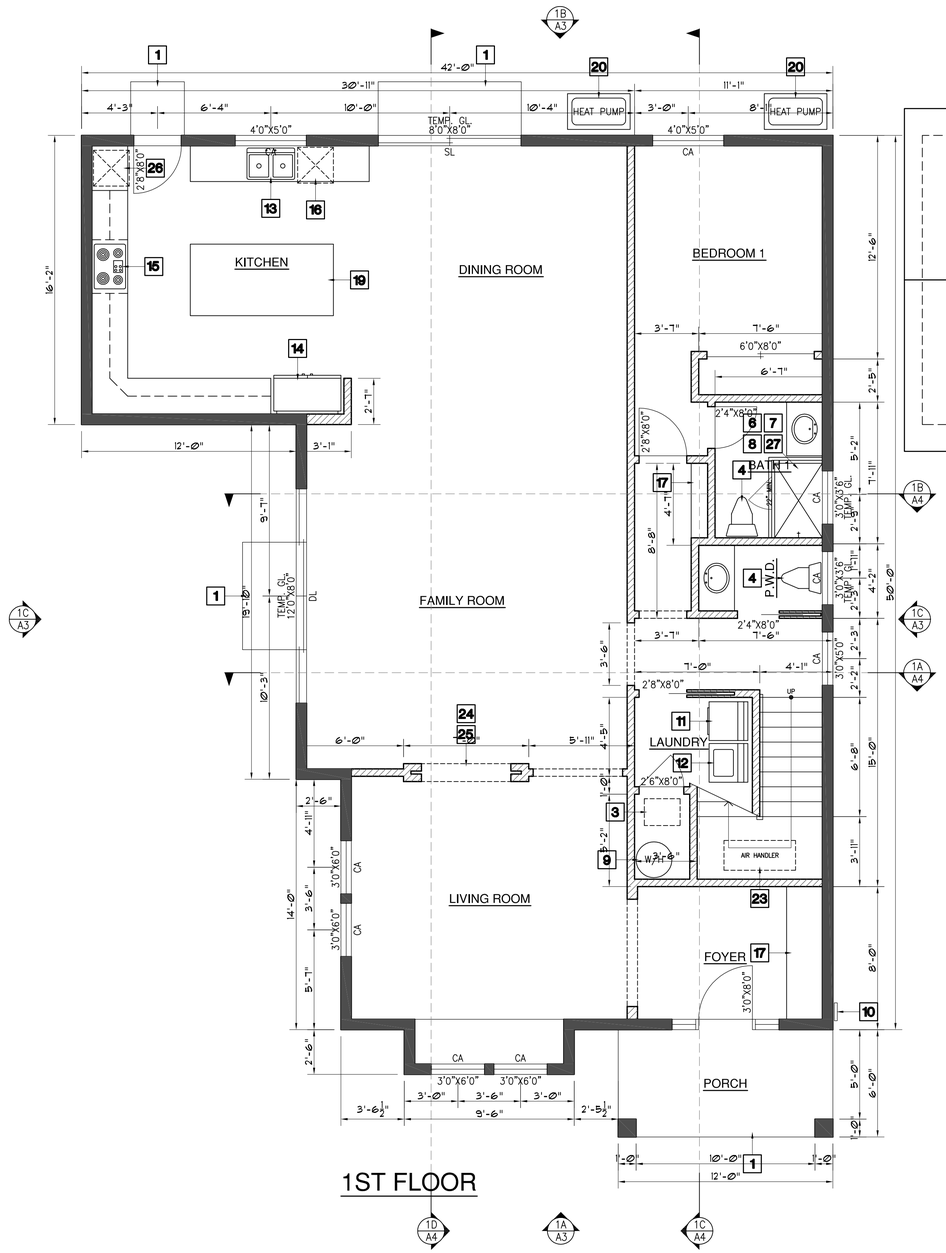
All escape or rescue windows shall have a minimum net clear openable area of 5.7 square feet on 2nd floor & 5.0 square feet on 1st floor. The minimum net clear openable height dimension shall be 24". The minimum net clear openable width dimension shall be 20". When windows are provided as a means of escape or rescue they shall have the bottom of the opening no higher than 44 inches above the floor per CRC R310.1.

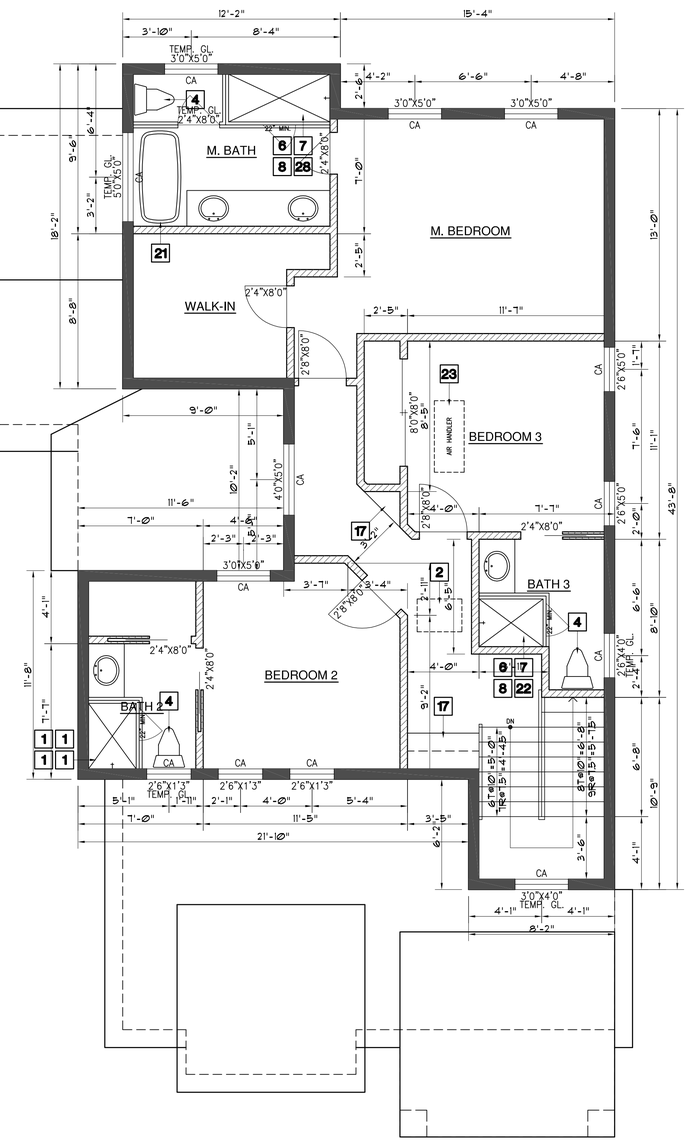
GENERAL PLAN NOTES

1. ALL INTERIOR DOORS TO BE HOLLOW CORE 1-⅜" THK. U.N.O. (SEE PLAN FOR SIZE)
2. ALL HOUSE TO GARAGE DOORS TO BE SOLID CORE 1-⅜" THK. W/ SELF CLOSING AND TIGHT FITTING. (SEE PLAN FOR SIZE)
3. ALL ENTRY DOORS TO BE SOLID CORE 1-¾" THICK. (SEE PLAN FOR SIZE)
4. PROVIDE A LANDINGS WITH A MIN. DEPTH & WIDTH OF 36" AT ALL EXIT DOOR WHERE THE FINISH GRADE IS O/ 1-3/4" BELOW THE FINISH PER 2019 C.R.C.
5. PROVIDE SOUND BATT INSULATION @ ALL INTERIOR WALL W/ R-13 MIN. PER OWNER.
6. WINDOW STYLE: SH: SINGLE HUNG, DH: DOUBLE HUNG, SL: SINGLE SLIDING, DL: DOUBLE SLIDING, CA: CASEMENT.

FLOOR PLAN NOTES

1. PROVIDE 3"X3" MIN. CONC. LANDING AT ALL NEW EXTERIOR DOOR OF 7.75" HI. STEP MAX. W/ MAX. 2% SLOPE ON EACH DIRECTION, PER CRC R311.3 & R311.3.2.
2. 22"X30" ATTIC ACCESS PANEL PER C.R.C. R807.
3. 18"X24" UNDER FLOOR ACCESS PANEL PER C.R.C. R408.
4. TOILET ACCESS AREA SHALL BE 24"(D)X30"(W) W/ 15" MIN FROM CENTER OF TOILET TO EACH SIDE.
5. 36"X60" SHOWER W/ ASPHALT SEALED. TILE TO 72". U.N.O. PROVIDE SOAP DISH.
6. TEMPERED GLASS SHOWER ENCLOSURE W/ TOWER BAR.
7. PROVIDE "DUROCK" OR "WONDER BOARD" WALL LINING AROUND SHOWER/BATHTUB AREA. CULTURE MARBLE OR TILE FINISH.
8. ALL PLUMBING FIXTURES SHALL BE OF CPC APPROVED PRODUCTS. THE FIXTURE IN SHOWER SHALL HAVE PRESSURE OR THERMOSTATIC MIXING VALVE THAT LIMIT WATER TEMPERATURE TO 120F.
9. HEAT PUMP WATER HEATER W/ CIRCULATE PUMPS, SIZE PER T-24.
10. 200 AMPS ELECTRICAL MAIN PANEL & METER.
11. CLOTH DRYER, DRYER VENT TO OUTSIDE PER CMC 504.3.
12. CLOTH WASHER, PROVIDE COLD AND HOT WATER.
13. 21"X21" SINK W/ GARBAGE DISPOSAL.
14. 36" OR 48" CLEAR REF. SPACE. PLUMB FOR WATER SUPPLY.
15. 36" BUILT-IN RANGE OVEN COMBINATION W/ BUILT-IN HOOD, LIGHT & FAN. (VENT TO OUTSIDE AIR) RANGE HOOD SHALL BE HVI-CERTIFIED & RATED 100 CFM MIN. OF INTERMITTENT VENTILATION OR 50 CFM OF CONTINUOUS VENTILATION. (CEnC Section 150.0(o); CMC TABLE 403.7)
16. DISHWASHER. PROVIDE SURFACE MOUNT AIR GAP IF REQUIRED.
17. SERVICE COUNTER & CABINET, STYLE PER OWNER.
18. SMOKE ALAM SHALL BE LISTED FOR USE IN CLOSE PROXIMITY TO THE KITCHEN RANGE OR INDICATED IT MEETS ONE OF OTHER EXCEPTION CRITERIA IN CRC R314.3.3.
19. ISLAND CABINET & COUNTER TOP W/ 2 GFCI OUTLETS.
20. 3'0"X3'0" CONC. PAD OR METAL PAD PER MANUFACTURE FOR HVAC CONDENSER / HEAT PUMP.
21. TUB. PROVIDE MOTOR ACCESS PANEL AT OPTIONAL HYDROMASSAGE BATHTUBS. (VERIFY)
    a. THE MOTOR SHALL BE UL LISTED FOR HYDRO-MASSAGE USE. (CPC 415.3)
    b. A REMOVABLE PANEL OF SUFFICIENT DIMENSION TO ACCESS THE PUMP. (CPC 415.2)
    c. GFCI SINGLE-PHASE OUTLET WITH BONDING PER CEC 680.71.
22. 36"X48" SHOWER W/ ASPHALT SEALED. TILE TO 72". U.N.O. PROVIDE SOAP DISH.
23. AIR HANDLER @ ATTIC OR UNDER THE STAIRS.
24. 36" METAL FIREPLACE. PROVIDE F.G. AND KEY. ICC OR UL APPROVED PRODUCT, FIELD VERIFY.
25. PROVIDE AN ACCESSIBLE FIREPLACE SHUTOFF VALVE (IN ADDITION TO ANY VALVE ON THE APPLIANCE) TO BE WITHIN 3' OF THE APPLIANCE. (CPC 1211.18)
26. OVEN & MICROWAVE, STYLE PER OWNER.
27. 36"X54" SHOWER W/ ASPHALT SEALED. TILE TO 72". U.N.O. PROVIDE SOAP DISH.
28. 36"X66" SHOWER W/ ASPHALT SEALED. TILE TO 72". U.N.O. PROVIDE SOAP DISH.
29. 125 AMPS ELECTRICAL PANEL FOR ADU.





GreenPoint Rated Checklist:

* LOW-VOC INTERIOR WALL/CEILING PAINTS. (<50 GPL VOCS REGARDLESS OF SHEEN)
* USE LOW-VOC COATINGS THAT MEET SCAQMD RULE 1113.
* USE LOW-VOC CAULKS, CONSTRUCTION ADHESIVES AND SEALANTS THAT MEET SCAQMD RULE 1168.
* REDUCE FORMALDEHYDE IN INTERIOR FINISH - MEET CURRENT CARB AIRBORNE TOXIC CONTROL MEASURE (ATCM) FOR COMPOSITE WOOD FORMALDEHYDE LIMITS BY MANDATORY COMPLIANCE DATES.
* ALL CARPET AND 80% OF RESILIENT FLOORING IS LOW EMITTING.
* PROTECT ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS AT EXTERIOR WALLS AGAINST THE PASSAGE OF RODENTS.
* PROTECT DOCUMENTATION OF VOC LIMITS AND FINISH MATERIALS.
* CHECK MOISTURE CONTENT OF BUILDING MATERIALS USED IN WALL AND FLOOR FRAMING FEFORE ENCLOSURE.
* HVAC SYSTEM INSTALLERS MUST BE TRAINED AND CERTIFIED AND SPECIAL INSPECTORS EMPLOYED BY THE ENFORCING AGENCY MUST BE QUALIFIED.
* CARPET & CARPET SYSTEMS SHALL BE COMPLIANT WITH VOC LIMITS. (4.504.3)

GreenPoint Rated Checklist:

* HIGH EFFICIENCY SHOWERHEADS ≤ 1.8 GPM AT 80 PSI. (MULTIPLE SHOWERHEADS SHALL NOT EXCEED MAX. FLOW RATES) PER CGBC 4.303.1.3.1.
* HIGH EFFICIENCY BATHROOM FAUCETS ≤ 1.2 GPM AT 60 PSI PER CGBC 4.303.1.4.1,.
* HIGH EFFICIENCY KITCHEN AND UTILITY FAUCETS ≤ 1.8 GPM PER CGBC 4.303.1.4.4..
* INSTALL ONLY HIGH EFFICIENCY TOILETS. (DUAL-FLUSH OR ≤ 1.28 GPF) PER CPC 402.2.2 & CGBC 4.303.1.1.
* DESIGN AND INSTALL HVAC SYSTEM TO ACCA MANUAL J, D, AND S RECOMMENDATIONS.
* DUCT SYSTEMS ARE SIZED, DESIGNED, AND EQUIPMENT IS SELECTED PER SEC. 4.507.2. HVAC SYSTEM INSTALLERS MUST BE TRAINED AND CERTIFIED AND SPECIAL INSPECTORS EMPLOYED BY THE ENFORCING AGENCY MUT BE QUALIFIED.
* INSTALL ENERGY STAR BATHROOM FANS ON TIMER AND HUMIDISTAT.
* INSTALL WHOLE HOUSE FAN W/ INSULATED LOUVERS/COVERS (MIN. R-4.2) WHICH CLOSE WHEN THE FAN IS OFF.
* COMPLIANCE WITH ASHRAE 62.2 MECHANICAL VENTILATION STANDARDS. (AS ADOPTED IN T-24 PART 6)
* ALL PLUMBING FIXTURES & FITTINGS SHALL MEET THE STANDARDS REFERENCED IN TABLE 1401.1 OF 2019 CPC PER CGBSC 4.303.3.2.

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hauching@aol.com

LICENSED ARCHITECT HAUCHING TING HOU C-28947 RENEWAL: 10-31-25 STATE OF CALIFORNIA

OWNER:
Jesse Pan
1675 Fairway Drive
Los Altos, CA 94024
(408) 981-4712

PAN RESIDENCE & DETACHED GARAGE
LOT 6
1675 FAIRWAY DRIVE
LOS ALTOS, CALIFORNIA 94024

REVISIONS:

SHEET TITLE:
PROPOSED FLOOR PLANS

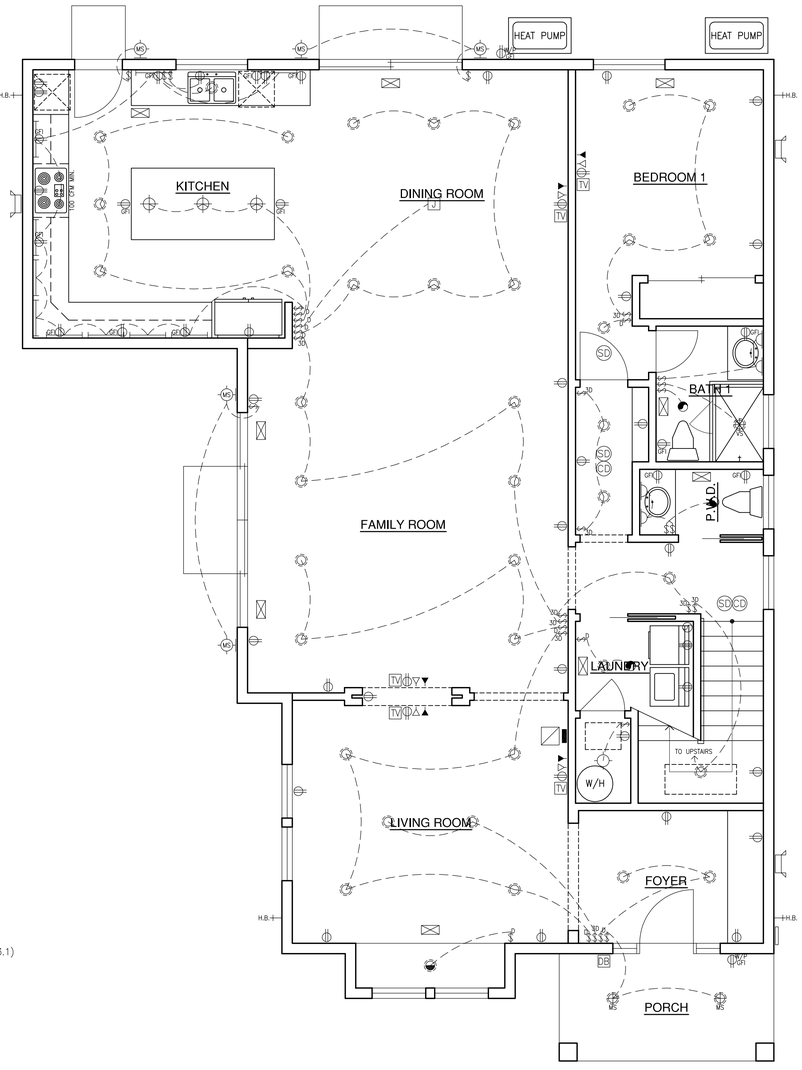
DATE: Nov. 10, 2023
PROJECT NO.: 22-53B
SCALE: AS SHOWN
DRAWN: HC
SHEET: A-2.0
OF 9 SHEETS

UTILITY LEGEND:

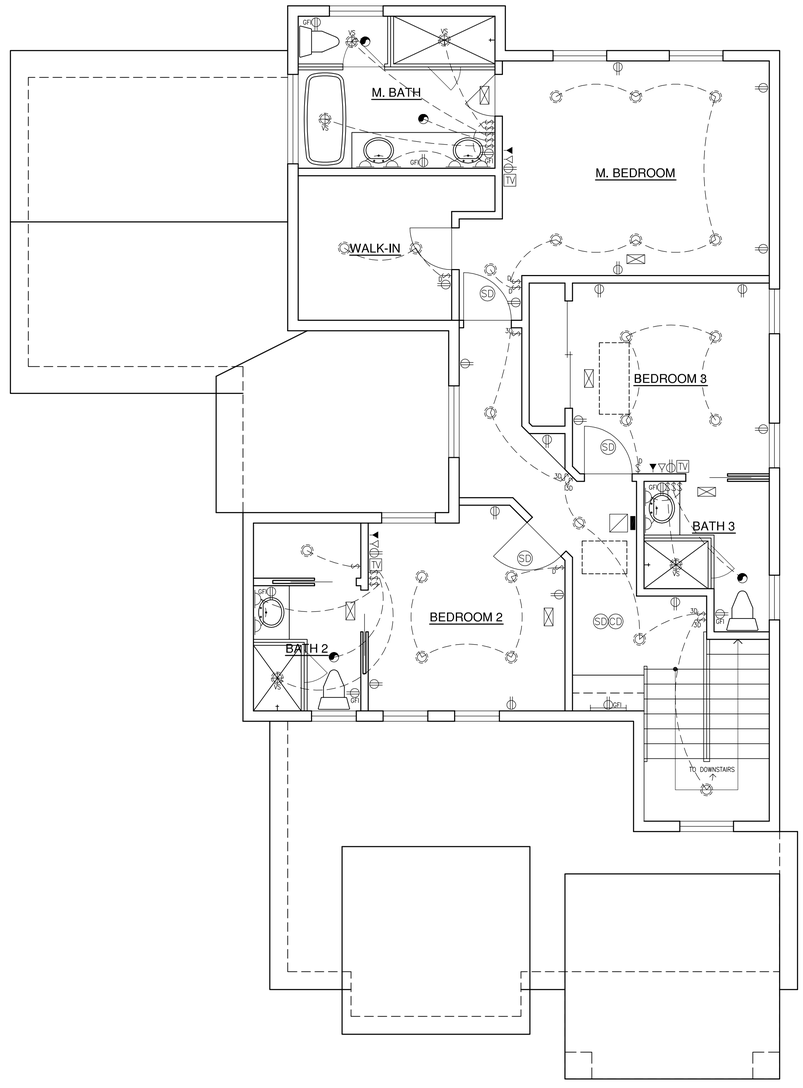
	CEILING TRACK LED LIGHT
	CEILING PENDANT LED LIGHT
	WALL MOUNTED LED LIGHT
	CEILING MOUNTED LED LIGHT
	CEILING RECESSED LED LIGHT
	CEILING RECESSED LED "VP" LIGHT SUITABLE TO DAMP LOCATIONS
	TUBE SKYLITE (SIZE PER OWNER)
J	JUNCTION BOX FOR SUSPENDED LIGHT
	FLOURESCENT LIGHT
	WALL SCONE W/P LED LIGHT
	DUPLEX 110VAC OUTLET
	DUPLEX 220VAC OUTLET
	THERMOSTAT
MS	MOTION SENSOR W/ INTEGRAL PHOTO CONTROL
H.B.	HOSE BIB
DB	DOOR BELL
	TELEPHONE JACK
	DATA JACK
TV	TV JACK
	LIGHT SWITCH
3	3 WAY LIGHT SWITCH
D	DIMMER
	DRYER VENT
	ENERGY STAR EXHAUST FAN W/ HUMIDITY CONTROL, PER CGC 4.506.1
	SUPPLY AIR DIFFUSER
	RETURN AIR DIFFUSER
SD	110V HOT WIRE PHOTOELECTRIC SMOKE DETECTOR W/ BATTERY BACKUP, PER CRC R314.6
CD	110V HOT WIRE CARBON MONOXIDE DETECTOR W/ BATTERY BACKUP, PER CRC R315.6
	MOTION SENSOR LIGHT
	SPEAKER
	TRACK LIGHT
VS	VACANCY SENSOR

NOTE:

* PROVIDE 12" MINIMUM CLEARANCE IN FRONT OF 2" OR LESS UNDER-FLOOR CLEANOUT PIPING AND 18" IF MORE THAN 2" DIAMETER PIPE.J
* NO UNDER-FLOOR CLEANOUT SHALL BE LOCATED MORE THAN 20 FEET FROM CRAWL HOLE ACCESS PANEL. (CPC 707.10)
* OUTDOOR A/C SUCTION LINE INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED FROM U/V DETERIORATION OR PHYSICAL DAMAGE. (CEES 150(j)2, 150(m)9.
* ALL INSTALLED LUMINAIRES SHALL MEET THE REQUIREMENTS IN TABLE 150.0.A FOR HIGH EFFICACY (CENC SEC. 150(k)11).
* ENVIRONMENTAL AIR DUCTS SUCH AS VENTILATION FOR HUMAN USAGE, KITCHEN RANGE EXHAUST, BATHROOM EXHAUST, AND CLOTHES DRYER EXHAUST SHALL BE EQUIPPED WITH BACK-DRAFT DAMPER PER CMC 504.1.
* TERMINATION OF ALL ENVIRONMENTAL AIR DUCTS SHALL BE A MINIMUM OF 3' FROM ANY OPENINGS INTO THE BUILDING (i.e., BATH FAN, ETC., MUST BE 3' AWAY FROM DOORS, WINDOWS, OPENING SKYLIGHTS OR ATTIC VENTS) CMC 504.5.
* SINGLE-WALL METAL PIPE SHALL NOT BE USED AS A VENT IN DWELLINGS & RESIDENTIAL OCCUPANCIES PER CMC 802.7.4.1.
* EACH BATHROOM CONTAINING A BATHTUB, SHOWER OR TUB/SHOWER COMBINATION SHALL BE MECHANICALLY VENTED (EXHAUST FAN) FOR PURPOSES OF HUMIDITY CONTROL IN ACCORDANCE W/ CMC CHAPTER 4, & CGC CHPATER 4, DIVISION 4.5. (R303.3.1)
* RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS SHALL BE LISTED FOR ZERO CLEARANCE, SHALL BE CERTIFIED AS AIRTIGHT (INCLUDING EXHAUST FAN HOUSINGS), SHALL BE SEALED WITH A GASKET OR CAULK BETWEEN THE LUMINAIRE HOUSING AND CEILING, SHALL NOT CONTAIN SCREW BASE SOCKETS, & ALL LIGHT SOURCES SHALL BE MARKED WITH "JA8-2019-E" AS SPECIFIED IN REFERENCE JOINT APPENDIX JA8.
* ALL FORWARD PHASE CUT DIMMERS USED WITH LED LIGHT SOURCES SHALL COMPLY WITH NEMA SSL 7A.
* EXHAUST FANS SHALL BE SWITCHED SEPARATELY FROM LIGHTING SYSTEM.
* LUMINAIRES SHALL BE SWITCHED WITH READILY ACCESSIBLE CONTROLS THAT PERMIT THE LUMINAIRES TO BE MANUALLY SWITCHED ON & OFF.
* IN BATHROOMS, GARAGES, LAUNDRY ROOMS, & UTILITY ROOMS, AT LEAST ONE LUMINAIRE IN EACH OF THESE SPACES SHALL BE CONTROLLED BY A VANCANCY SENSOR.
* DIMMERS OR VANCANCY SENSORS SHALL CONTROL ALL LUMINAIRES (EXCEPTIONS: LUMINAIRES IN CLOSETS LESS THAN 70 SF & IN HALLWAYS).
* UNDER CABINET LIGHTING SHALL BE SWITCHED SEPARATELY FROM OTHER LIGHTING SYSTEMS.
* RESIDENTIAL OUTDOOR LIGHTING SHALL BE CONTROLLED BY A MANUAL ON & OFF SWITCH WITH PHOTOCELL & MOTION SENSOR.
* ALL RECEPTACLES IN BATHROOMS, GARAGES, ACCESSORY BUILDINGS, OUTDOORS, OUTDOORS, CRAWL SPACES, UNFINISHED BASEMENTS, KITCHENS (WHERE RECEPTACLE RECEPTACLE SERVE COUNTER TOP SURFACES), LAUNDRY AREA, SINKS (WITHIN 6' OF THE EDGE OF THE SINKS, BATHTUBS, OR SHOWERS), SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION. (CEC 201.8)
* A MIN. OF TWO 20A SMALL APPLIANCE BRANCH CIRCUITS SHALL BE PROVIDED FOR ALL RECEPTACLE OUTLETS IN THE KITCHEN, DINING ROOM, PANTRY, OR OTHER SIMILAR AREA. (CEC 210.11(C)(1))
* AT LEAST ONE 20A BRANCH CIRCUIT SHALL BE PROVIDED TO SUPPLY LAUNDRY RECEPTACLE OUTLETS. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS. (CEC 210.11(C)(2))
* A DEDICATED 20-AMP CIRCUIT SHALL BE PROVIDED TO SERVE THE REQUIRED BATHROOM OUTLETS. THIS CIRCUIT CANNOT SUPPLY ANY OTHER RECEPTACLES/LIGHT/FAN PER CEC 210.11(C)(3).
* ALL 120V, SINGLE-PHASE, 15A & 20A BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS OR SIMILAR ROOMS OR AREA SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER PER CEC 210.12.
* ALL WALL SPACES, 2' OR MORE IN WIDTH, SHALL HAVE RECEPTACLES INSTALLED, SUCH THAT NO POINT MEASURED HORIZONTALLY IS MORE THAN 6' FROM A RECEPTACLE (12' MAXIMUM SPACING) (CEC 210.52(A)(1)&(2))
* COUNTERTOPS IN KITCHEN, PANTRIES, BREAKFAST ROOMS, DINING ROOMS & SIMILAR AREAS, SPACES 12" OR WIDER SHALL HAVE RECEPTACLES INSTALLED SUCH THAT NO POINT ALONG THA WALL IS MORE THAN 2' FROM RECEPTACLE. (CEC 210.52(C)(1))
* BATHTUB & SHOWER FLOORS & WALLS ABOVE BATHTUBS W/ INSTALLED SHOWER HEADS SHALL BE FINISHED W/ A NONABSORBENT SURFACE TO A HEIGHT NOT LESS THAN 6' ABOVE THE FLOOR PER CRC R307.2.
* 125V & 250V RECEPTACLES INSTALLED OUTDOORS IN WET LOCATION SHALL HAVE A LISTED ENCLOSURE THAT IS "EXTRA DUTY" & WEATHERPROOF WHETHER OR NOT THAT ATTACHMENT PLUG CAP IS INSERTED (CEC 406.8 (B)(1))
* ALL 120V & 250V, 15A & 20A RECEPTACLE OUTLETS SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES PER CEC 406.1.2.
* THE NEW SMOKE ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM SHALL ACTIVATE ALL OF THE ALAMS. (CRC R314.4)



1ST FLOOR



2ND FLOOR

TABLE 150.0-A CLASSIFICATION OF HIGH EFFICACY LIGHT SOURCES

High Efficacy Light Sources Light sources shall comply with one of the columns below:	
Light sources in this column other than those installed in ceiling recessed downlight luminaires are classified as high efficacy and are not required to comply with Reference Joint Appendix JA8	Light sources in this column are only considered to be high efficacy if they are certified to the Commission as High Efficacy Light Sources in accordance with Reference Joint Appendix JA8 and be marked as required by JA8.
1. Pin-based linear or compact fluorescent light sources using electronic ballasts. 2. Pulse-start metal halide light sources. 3. High pressure sodium light sources. 4. Luminaires with hardwired high frequency generator and induction lamp. 5. LED light sources installed outdoors. 6. Inseparable SSL luminaires containing colored light sources that are installed to provide decorative lighting.	8. All light sources in ceiling recessed downlight luminaires. Note that ceiling recessed downlight luminaires shall not have screw bases regardless of lamp type as described in Section 150.0(k)1C 9. Any light source not otherwise listed in this table.

2ND FLOOR

ATTIC VENTILATION

REQUIRED: 397.92 SI
1050 SF / 300 = 2.76SF X144 = 397.92 SI
50% TOP = 397.92 X 50% = 198.96 SI
50% BOTTOM = 397.92 X 50% = 198.96 SI

PROPOSED: 442.08 SI
50% TOP:
LOW-PROFILE VENT 3 @ 72 SI(NFA) = 3 X 72 SI = 216.00 SI
50% BOTTOM:
EAVE VENTS 18 @ (4) 2"O E.A. = 18 X 12.56 = 226.08 SI

1ST FLOOR

ATTIC VENTILATION

REQUIRED: 397.92 SI
777 SF / 300 = 2.59SF X144 = 372.96 SI
50% TOP = 372.96 X 50% = 186.48 SI
50% BOTTOM = 372.96 X 50% = 186.48 SI

PROPOSED: 442.08 SI
50% TOP:
LOW-PROFILE VENT 3 @ 72 SI(NFA) = 3 X 72 SI = 216.00 SI
50% BOTTOM:
EAVE VENTS 18 @ (4) 2"O E.A. = 18 X 12.56 = 226.08 SI

UNDER FLOOR VENTILATION

REQUIRED: 1659.64 SI
1659 SF / 150 = 11.06 SF X144 = 1592.64 SI

PROPOSED: 806.40 SI
VENTS 36 @ 14 X 6 = 36 X 44.80 (NFA) = 1612.80 SI

PROPOSED UTILITY PLANS

1/4" | 1

LHC

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LICENSED ARCHITECT
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C-28947
RENEWAL: 10-31-25
STATE OF CALIFORNIA

OWNER:
Jesse Pan
1675 Fairway Drive
Los Altos, CA 94024
(408) 981-4712

PAN RESIDENCE & DETACHED GARAGE
LOT 6
1675 FAIRWAY DRIVE
LOS ALTOS, CALIFORNIA 94024

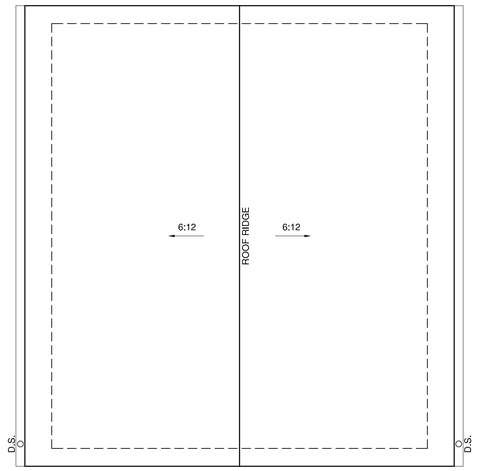
REVISIONS:

SHEET TITLE:
PROPOSED UTILITY PLANS

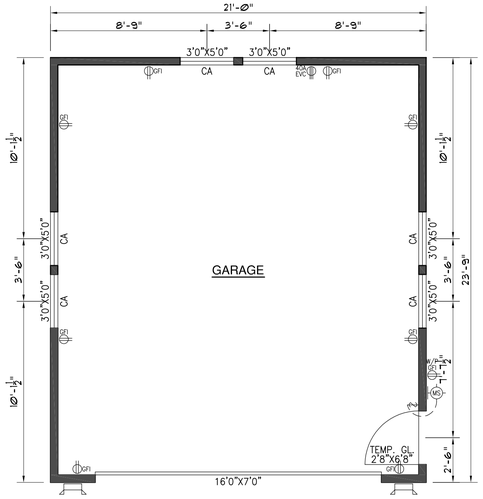
DATE: Nov. 10, 2023
PROJECT NO.: 22-53B
SCALE: AS SHOWN
DRAWN: HC
SHEET

A-2.1

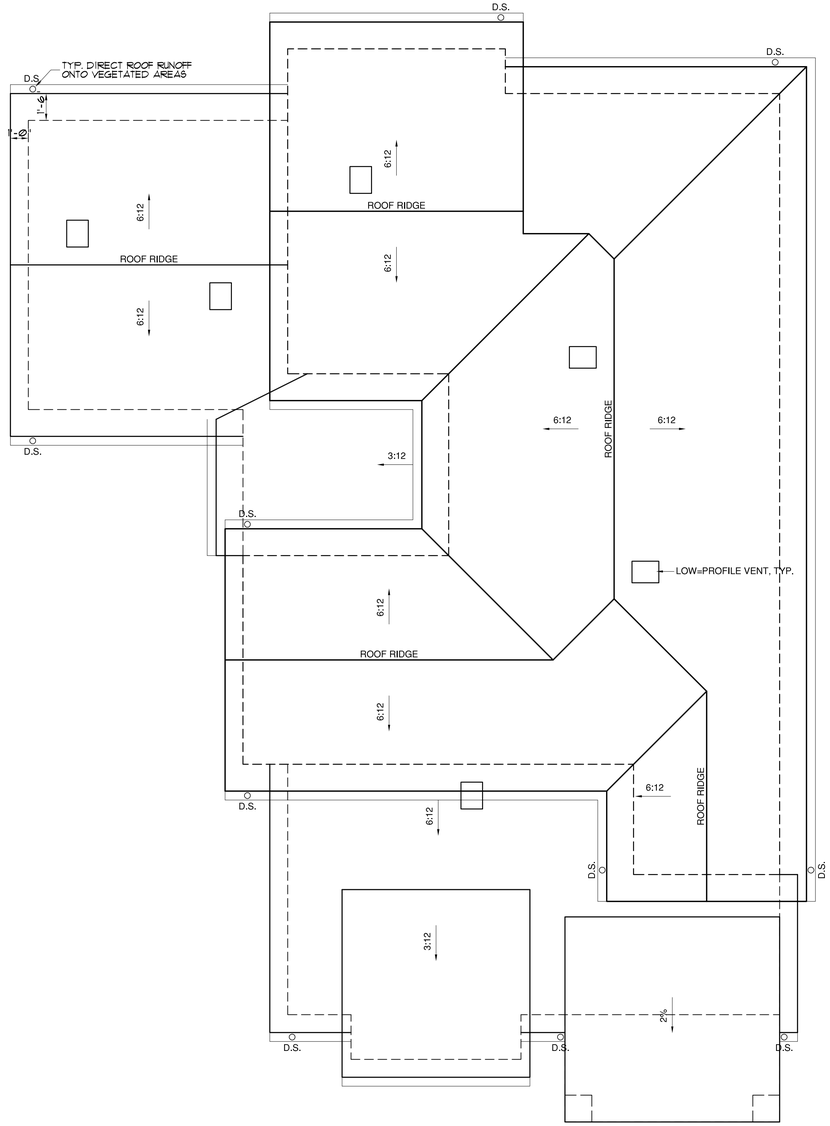
OF **9** SHEETS



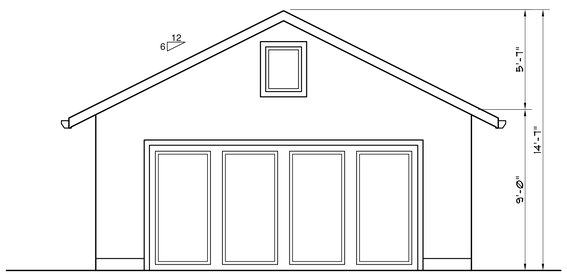
ROOF PLAN



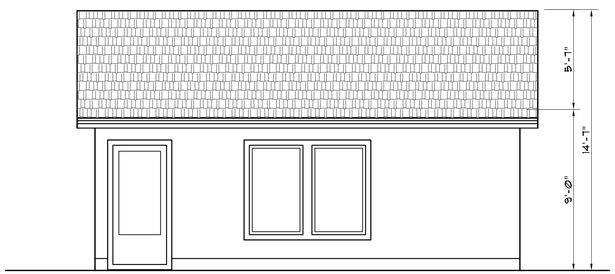
GARAGE FLOOR PLAN



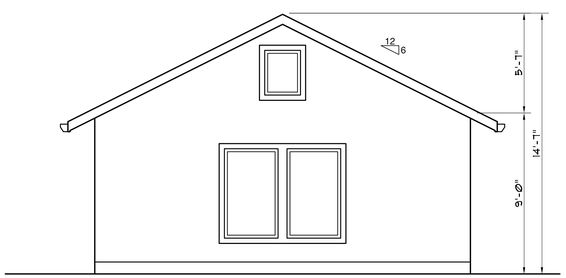
ROOF FLOOR



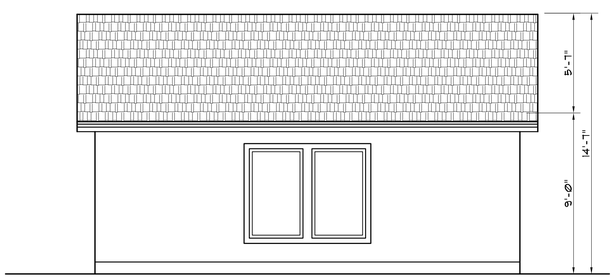
A. GARAGE FRONT ELEVATION (LOT 6)



C. GARAGE RIGHT ELEVATION (LOT 6)



B. GARAGE REAR ELEVATION (LOT 6)



D. GARAGE LEFT ELEVATION (LOT 6)

NOTE

1. PROVIDE POSITIVE DRAINAGE TO ROOF DRAINS FROM ALL PARTS OF THE ROOF.
2. D.S. O—— : INDICATES 2" X 3" 26 GA. G.I. DOWNSPOUTS LOCATED AS SHOWN.
3. PROVIDE 5" - 26 GA. G.I. OGEE GUTTER OVER 2 X 8 SPRUCE FASCIA BOARD - TYP.
4. ROOF PITCH TO BE 6 : 12, TYP. - U.N.O.
5. ROOF MATERIAL TO BE 40 YEARS COMPOSITION SHINGLE MIN. CLASS "C" OVER 30 # FELT - TYP.
6. PROVIDE NECESSARY FLASHING AT ALL ROOF AND WALL CONNECTIONS AS REQUIRED.
7. PROVIDE 3/4" THICK T&G PLANKS @ ROOF OVERHANG AREA.
8. CROSS VENTILATE CALIFORNIA FRAMING.
9. ROOF DRAINS & CONDUCTOR-LEADERS TO BE CAST IRON, PLASTIC OR OTHER APPROVED MATERIALS.

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PAN RESIDENCE & DETACHED GARAGE LOT 6

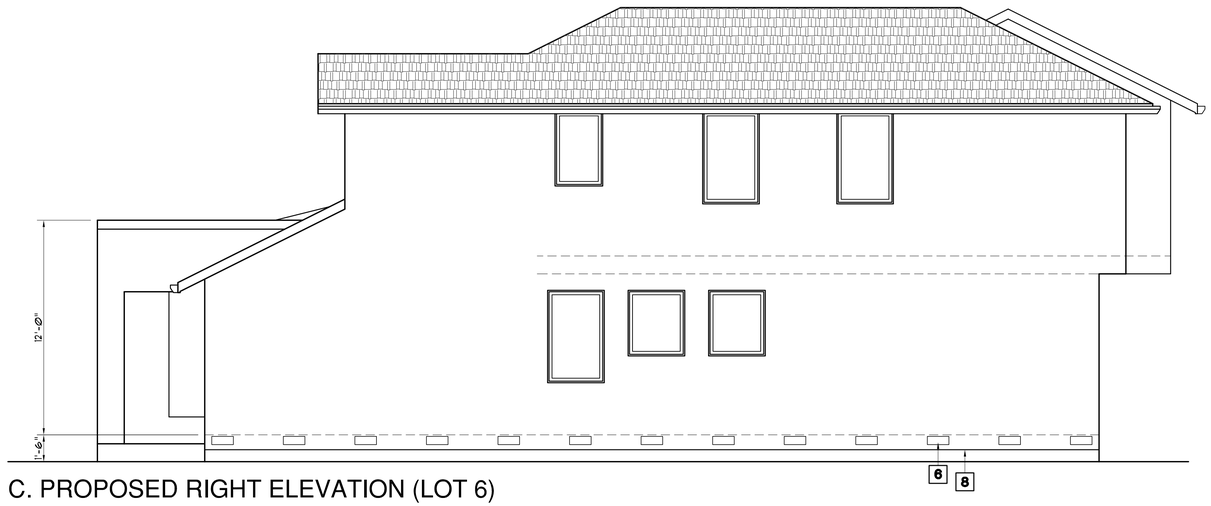
1675 FAIRWAY DRIVE
LOS ALTOS, CALIFORNIA 94024

REVISIONS:

SHEET TITLE:
PROPOSED ROOF PLAN & GARAGE PLANS

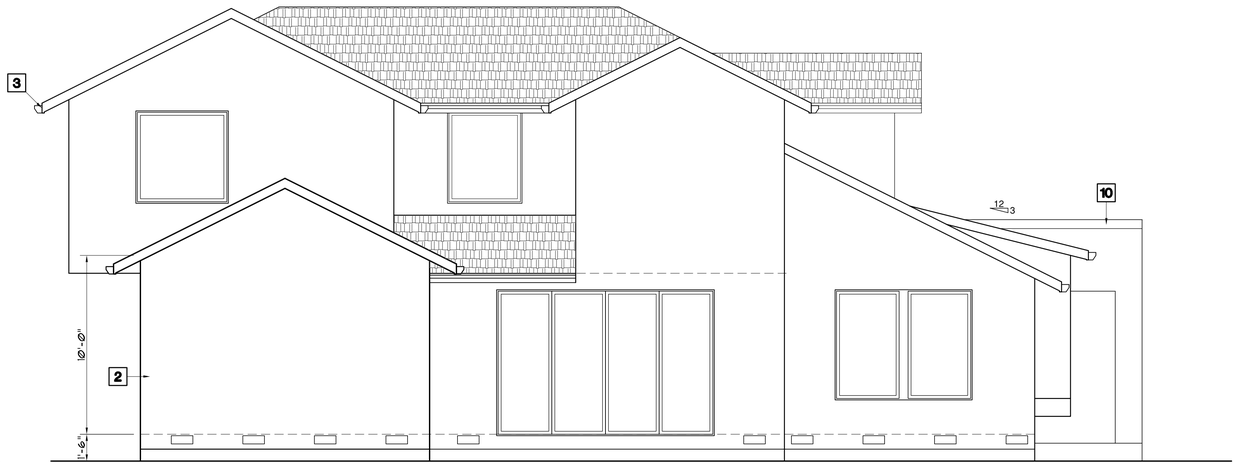
DATE: Nov. 10, 2023
PROJECT NO.: 22-53B
SCALE: AS SHOWN
DRAWN: HC
SHEET: A-2.2
OF 9 SHEETS

A. PROPOSED FRONT ELEVATION (LOT 6)



C. PROPOSED RIGHT ELEVATION (LOT 6)

B. PROPOSED REAR ELEVATION (LOT 6)



D. PROPOSED LEFT ELEVATION (LOT 6)

GENERAL NOTE

1. WINDOWS AND GLAZED DOORS MUST HAVE LABELS FOR THE "U" "U" AND "SHGC" FACTORS THAT ARE REQUIRED BY THE ENERGY DOCUMENTATION. SEE THE ENERGY COMPLIANCE INFORMATION LOCATED ON SHEET T24 FOR THE REQUIRED VALUES."

ELEVATION NOTES:

1. ROOF TO BE STANDING SEAM METAL ROOFING, CLASS "C" MIN.
2. 3 COAT STUCCO FINISH W/ 2 LAYERS TYPE "D" PLACED INDEPENDTELY.
3. WOOD TRIM @ EAVE W/ GUTTER.
4. MAIN ENTRY DOOR, STYLE PER OWNER.
5. 1" GAP W/ 2" STUCCO RECESSED AROUND WINDOW / DOOR.
6. 14.5"X5.5" UNDER FLOOR VENT.
7. ROOF TO BE 40 YEARS COMPOSITION SHINGLE ROOFING, CLASS "C" MIN.
8. WEEP SCREED. A MIN. OF 26 GA. CORROSION-RESISTANT WEEP SCREED W/ A MIN. VERTICAL ATTACHMENT FLAGE OF FOUNDATION PLATE LINE ON ALL EXTERIOR STUD WALLS W/ STUCCO. THE SCREED SHALL BE PLACED A MIN. OF 4" ABOVE THE EARTH OR 2" ABOVE PAVED AREAS AND SHALL BE OF A TYPE WHICH WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING.
9. 4X8 DECORATED BEAM, STYLE PER OWNER.
10. GALVANIZED METAL FLASHING, 6" O/ WALL.

PROPOSED BUILDING ELEVATIONS

1/4" | 1

LHC

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OWNER:
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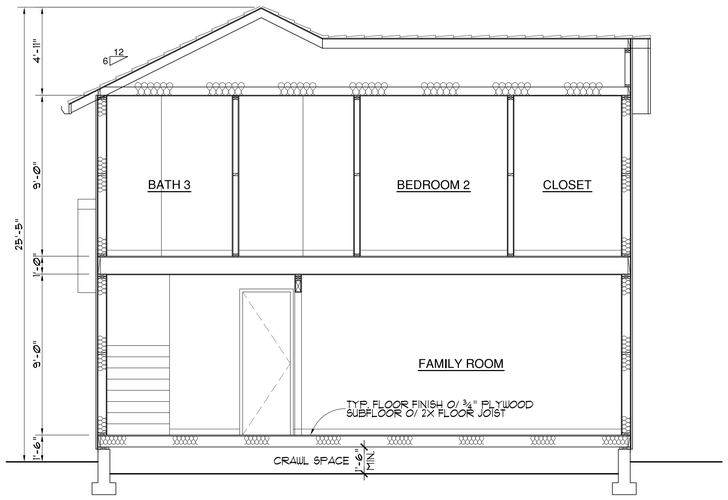
PAN RESIDENCE & DETACHED GARAGE
LOT 6
1675 FAIRWAY DRIVE
LOS ALTOS, CALIFORNIA 94024

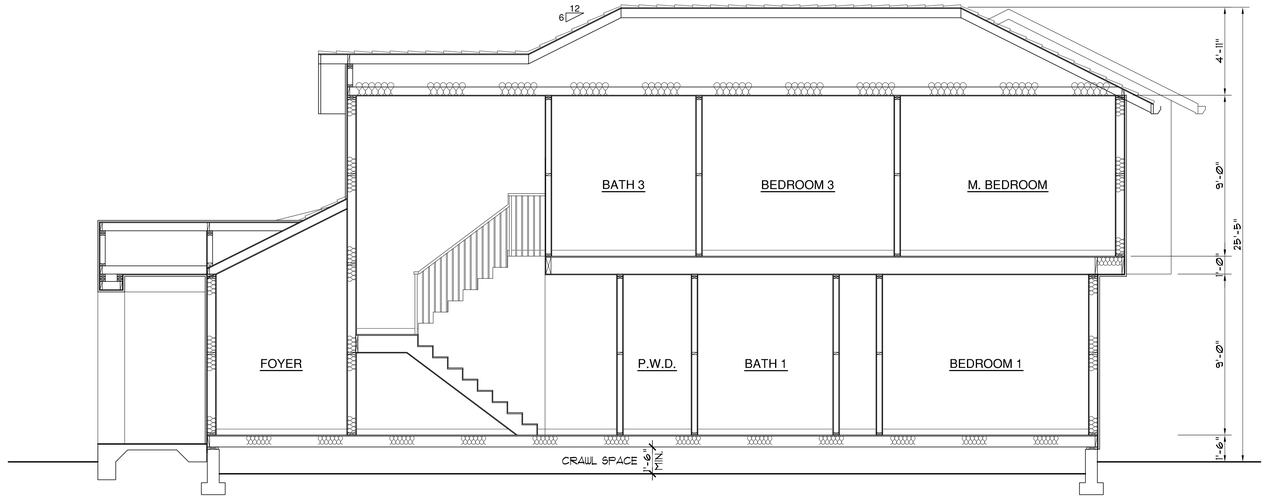
REVISIONS:

SHEET TITLE:
BUILDING ELEVATIONS

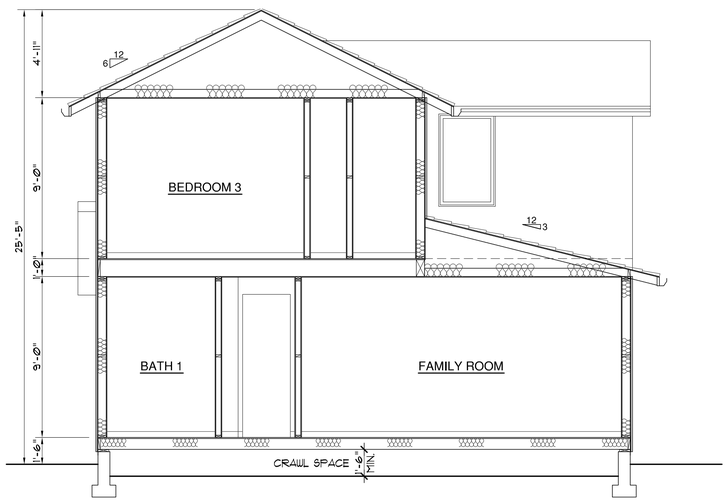
DATE: Oct. 10, 2023
PROJECT NO.: 22-534
SCALE: AS SHOWN
DRAWN: HC
SHEET: A-3
OF 11 SHEETS



A. BUILDING CROSS SECTION (LOT 6)



C. BUILDING CROSS SECTION (LOT 6)



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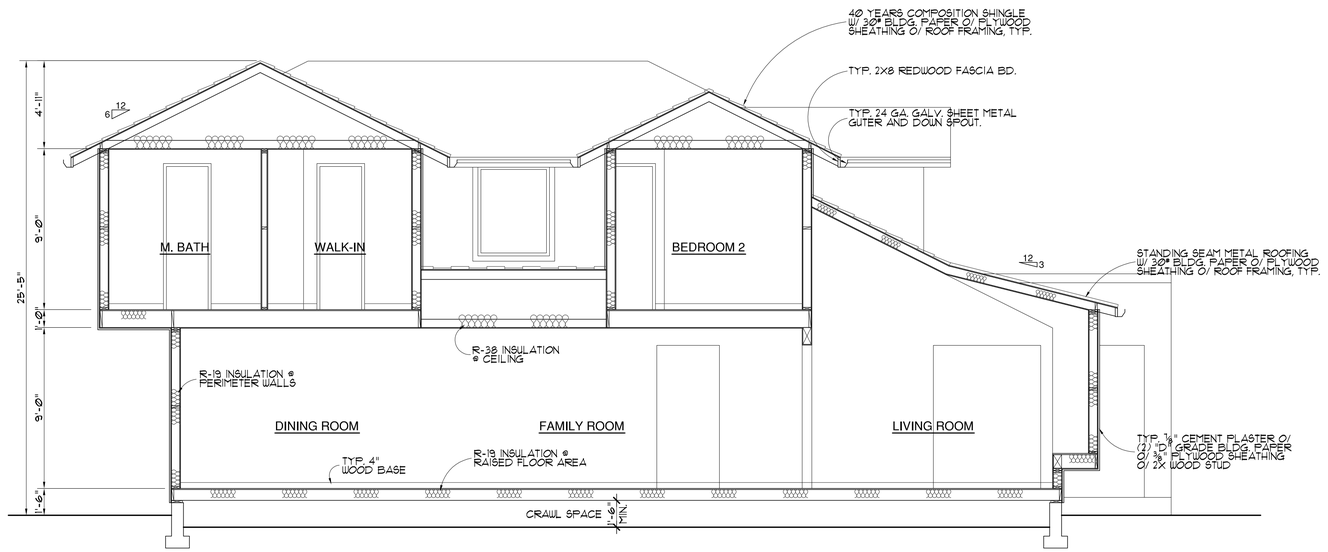

D. BUILDING CROSS SECTION (LOT 6)

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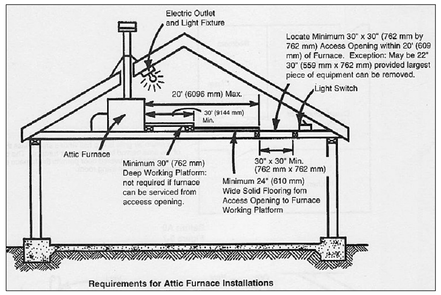
PAN RESIDENCE & DETACHED GARAGE
LOT 6
1675 FAIRWAY DRIVE
LOS ALTOS, CALIFORNIA 94024

REVISIONS:

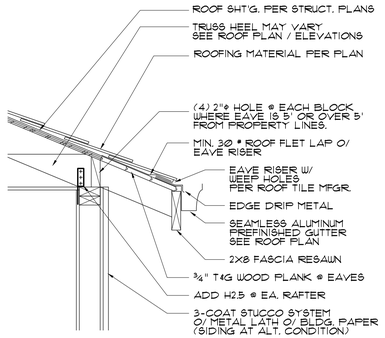
SHEET TITLE:
BUILDING SECTIONS

DATE: Oct. 10, 2023
PROJECT NO.: 22-53A
SCALE: AS SHOWN
DRAWN: HC
SHEET: A-4
OF **11** SHEETS

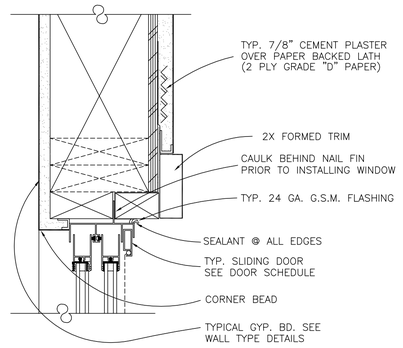


Requirements for Attic Furnace Installations

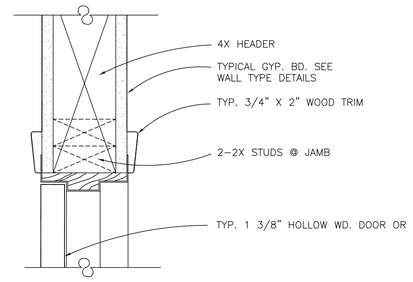
FURNACE IN ATTIC | NTS | 16



EAVE | 3" | 12



SLIDING DR. HEAD & JAMB | 3" | 8

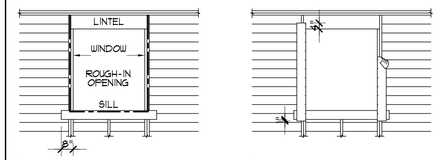


INTERIOR DOOR | 3" | 4

WINDOW FLASHING

SECTION 1402.2 OF THE CODE STATES THAT "EXTERIOR OPENINGS EXPOSED TO THE WEATHER SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF"

MOISTOP TO BE 18" WIDE TYPICAL

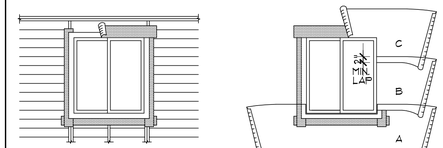


1. ATTACH SILL STRIP WITH TOP EDGE LEVEL WITH ROUGH SILL + EXTEND BEYOND EDGE OF ROUGH OPENING AT LEAST 8". SECURE ALL MOIST STOP (OR EQUAL) WITH GALVANIZED NAILS OR POWER-DRIVEN STAPLES.

2. ATTACH JAMB STRIP WITH SIDE EDGE EVEN WITH ROUGH-JAMB FRAMING START STRIP 1" BELOW LOWER EDGE OF SILL STRIP AND EXTEND 4" ABOVE LOWER EDGE OF LINTEL.

NOTE: LINE-WIRE WHEN USED AS BACKING TO SUPPORT BUILDING PAPER BENEATH WIRE LATH (NETTING) FOR PORTLAND CEMENT PLASTER (STUCCO) SHALL BE INSTALLED AS FOLLOWS:

1. WIRE GAUAGE, SPACING, AND ATTACHMENT SHALL BE IN ACCORDANCE WITH REQUIREMENT OF BUILDING NEWS ITEMS 47-1.
2. PERIPHERAL FLASHING AT ALL EDGES OF WALL OPENINGS MUST COVER THE WIRE BACKING.
3. NO ATTACHMENT DEVICES NOR THE WIRE BACKING SHALL COVER OR PENETRATE THE FLASHING MATERIAL.



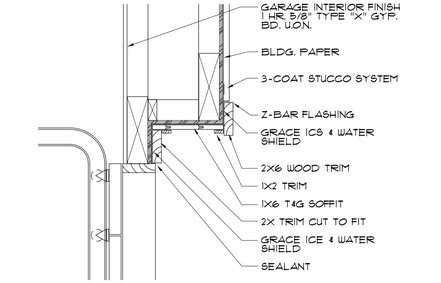
3. INSTALL WINDOW JAMB NAILING FLANGES OVER A CONTINUOUS BEAD OF SEALANT ON THE MOIST STOP (OR EQUAL). INSTALL THE WINDOW HEAD MOIST STOP (OR EQUAL) ON A CONTINUOUS BEAD OF SEALANT APPLIED TO THE WINDOW HEAD NAILING FLANGE.

4. COMMENCING AT THE BOTTOM (SOLE PLATE) OF THE WALL, LAY BUILDING PAPER UNDER SILL STRIP.

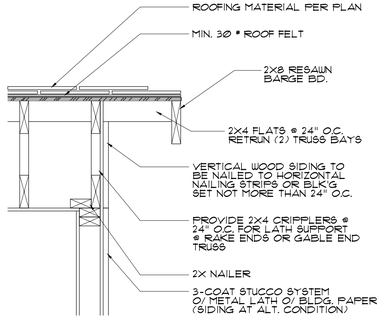
NOTE: CUT ANY EXCESS BUILDING PAPER THAT MAY EXTEND ABOVE THE SILL FLANGE LINE ON EACH SIDE OF (SHOWN AS SHORT DASHED LINES.) DO NOT SLICE BUILDING PAPER HORIZONTALLY SO THAT THE PAPER WILL LAP OVER THE JAMB STRIPS. INSTALL SUCCESSIVE LINES OF BUILDING PAPER (BCD ETC.) OVER JAMB AND HEAD FLANGES, LAPPING EACH COURSE.

THE ABOVE METHOD APPLIES ONLY TO THE MOST COMMONLY USED TYPE OF METAL FRAME (SURFACE MOUNTED) FOR OTHER TYPES OF FRAMES, SPECIAL ATTENTION MUST BE PAID TO THE MANUFACTURERS RECOMMENDATIONS.

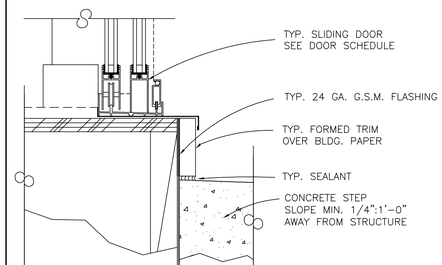
TYP. MOIST STOP INSTALL | NTS | 1



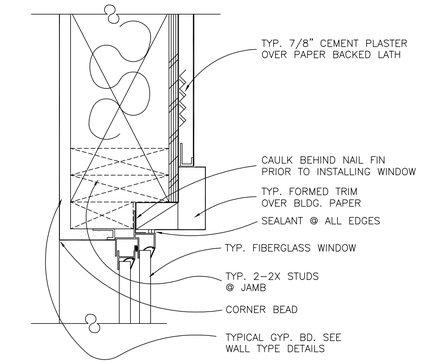
GARAGE HEAD | 1" | 17



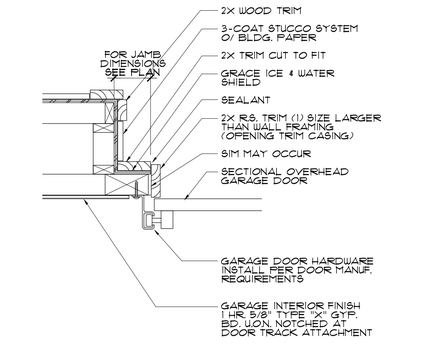
RAKE | 1" | 13



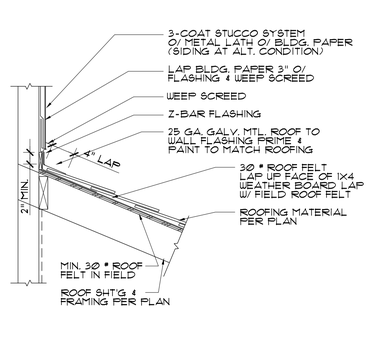
SLIDING DOOR SILL | 3" | 9



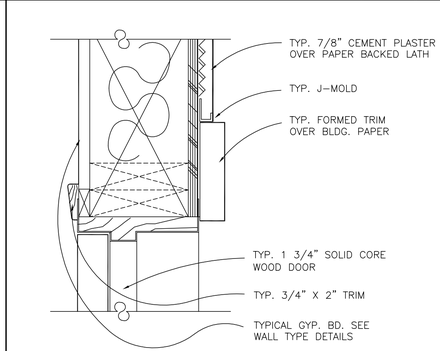
WINDOW HEAD & JAMB | 3" | 5



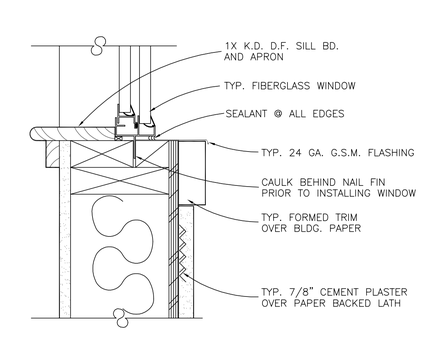
GARAGE JAMB | 1" | 18



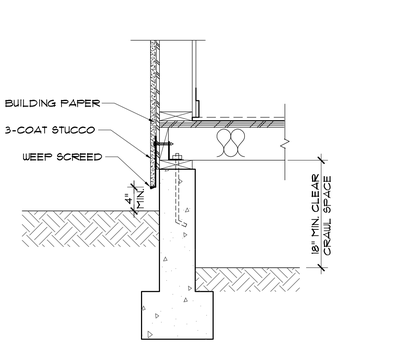
ROOF TO WALL | 1" | 14



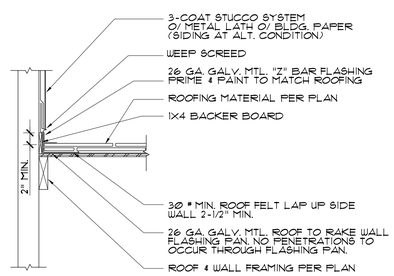
DOOR HEAD & JAMB | 3" | 10



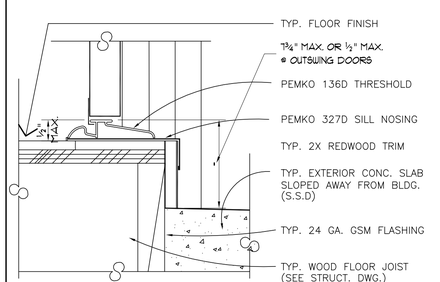
WINDOW SILL | 3" | 6



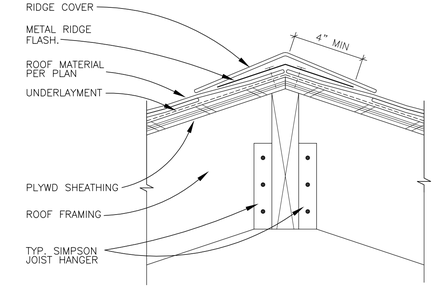
WEEP SCREED | 1" | 2



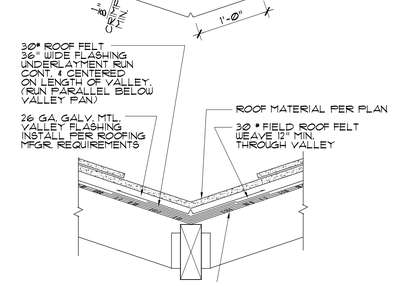
RACK TO WALL | 1" | 15



DOOR SILL | 3" | 11



ROOF RIDGE | 3" | 7



FLAT TILE VALLEY | 1" | 3

LHC

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LICENSED ARCHITECT RUICHING TANG C-28947 RENEWAL: 10-31-2025 STATE OF CALIFORNIA

OWNER:
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Los Altos, CA 94024
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PAN RESIDENCE & DETACHED GARAGE
LOT 6
1675 FAIRWAY DRIVE
LOS ALTOS, CALIFORNIA 94024

REVISIONS:

SHEET TITLE:
ARCHITECTURAL DETAILS

DATE: Aug. 10, 2023
PROJECT NO.: 22-53B
SCALE: AS SHOWN
DRAWN: HC
SHEET: A-5
OF **8** SHEETS

COUNTY OF SANTA CLARA

2022 CALGREEN RESIDENTIAL CHECKLIST (MANDATORY)

County Amendments to CALGreen are in Italics.

- Designer to cross out items that are not applicable to the project.
- Installer or designer shall verify all applicable requirements have been satisfied and sign and date each row. County Inspectors will verify completion signatures and supporting documentation DURING CONSTRUCTION.

			APPLICANT TO COMPLETE Plan Check Review Data		Installer or Designer Verification	
ITEM #	CALGreen CODE SECTION	REQUIREMENT	REFERENCE SHEET	Note or Detail No.	Date	Installer or Designer Signature
PLANNING AND DESIGN: MANDATORY REQUIREMENTS						
1	4.106.2	A plan is developed and implemented to manage storm water drainage during construction.	CG-2	NOTE 1		
2	4.106.3	Construction plans indicates how site grading or a drainage system will manage all surface water flows to keep water from entering buildings.	CG-2	NOTE 2		
3	4.106.4.1	*For new dwellings with attached garages and **rebuild** of existing dwellings that include a panel upgrade or construction between panel and parking area, a Level 2 EV Ready Space and Level 1 EV Ready Space, is installed.*	CG-2	NOTES 3 & 4		
ENERGY EFFICIENCY: MANDATORY REQUIRMENTS						
4	4.201.1	Building meets or exceeds the requirements of the California Building Energy Efficiency Standards.	T24 SHEETS			
WATER EFFICIENCY & CONSERVATION: MANDATORY REQUIREMENTS						
5	4.303.1	Plumbing Fixtures (water closets and urinals) and fittings (faucets and showerheads) installed in residential buildings comply with CALGreen Sections 4.303.1.1 through 4.303.1.4.	CG-2	NOTE 5		
6	4.303.3	Plumbing fixtures and fittings required in CALGreen Section 4.303.1 are installed in accordance with the CPC and meet the applicable referenced standards.	CG-2	Note 6		
7	4.304.1	Outdoor potable water use in landscape areas comply with a local water efficient landscape or the current California DWR MWELO, whichever is more stringent.	CG-2	Note 7		
8	Not Used					

			APPLICANT TO COMPLETE Plan Check Review Data		Installer or Designer Verification	
ITEM #	CALGreen CODE SECTION	REQUIREMENT	REFERENCE SHEET	Note or Detail No.	Date	Installer or Designer Signature
MATERIAL CONSERVATION & RESOURCE EFFICIENCY: MANDATORY REQUIREMENTS						
9	4.406.1	Annular spaces around pipes, electric cables, conduits or other openings in plates at exterior walls are protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or similar method acceptable to the County of Santa Clara.	CG-2	Note 9		
10	4.408.1	Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste. Submit either a Construction Waste management plan (CALGreen 4.408.2) or Utilize a waste management company (CALGreen 4.408.3).	CG-2	Note 10		
11	4.408.5	Documentation is provided to County of Santa Clara which demonstrates compliance with CALGreen sections 4.408.2 or 4.408.3.	CG-1 CG-2	Construction Waste Management Forms Note 11		
12	4.410.1	An operation and maintenance manual is placed in the building at the time of final inspection.	CG-2	Note 12		
ENVIRONMENTAL QUALITY: MANDATORY REQUIREMENTS						
13	4.503.1	Any installed gas fireplace is a direct-vent sealed-combustion type. Any installed woodstove or pellet stove comply with US EPA Phase II emission limits where applicable.	CG-2	Note 13		
14	4.504.1	Duct openings and other related air distribution component openings are covered during construction until final startup of the HVAC equipment.	CG-2	Note 14		
15	4.504.2.1	Adhesives, sealants and caulks are compliant with VOC and other toxic compound limits.	CG-1 CG-2	Table 4.504.1 Table 4.504.2 Note 15		
16	4.504.2.2	Architectural paints and coatings are compliant with VOC limits.	CG-1 CG-2	Table 4.504.3 Note 16		
17	4.504.2.3	Aerosol paints and coatings are compliant with product weighted MIR limits for ROC and other toxic compounds.	CG-2	Note 17		
18	4.504.2.4	Documentation are provided to the County of Santa Clara to verify that compliant VOC limit finish materials have been used.	CG-2	Note 18		
19	4.504.3	Carpet and carpet systems meet the applicable testing and product requirements.	CG-1 CG-2	Table 4.504.1 Note 19		
20	4.504.4	80 percent of floor area receiving resilient flooring comply with applicable standards.	CG-2	Note 20		
21	4.504.5	Hardwood plywood, particleboard and medium density fiberboard composite wood meet formaldehyde limits.	CG-1 CG-2	Table 4.504.5 Note 21		

			APPLICANT TO COMPLETE Plan Check Review Data		Installer or Designer Verification	
ITEM #	CALGreen CODE SECTION	REQUIREMENT	REFERENCE SHEET	Note or Detail No.	Date	Installer or Designer Signature
ENVIRONMENTAL QUALITY: MANDATORY REQUIREMENTS (Continued)						
22	4.504.5.1	Documentation is provided to the County of Santa Clara to verify composite wood meets applicable formaldehyde limits.	CG-2	Note 22		
23	4.505.2	Vapor retarder and capillary break is installed at slab-on-grade foundations.	CG-2	Note 23		
24	4.505.3	Moisture content of building materials used in wall and floor framing do not exceed 19% prior to enclosure and is checked before enclosure. Insulation products are dry prior to enclosure.	CG-2	Note 24		
25	4.506.1	Each bathroom is mechanically ventilated and comply with applicable requirements.	CG-2	Note 25		
26	4.507.2	Heating and air-conditioning systems are sized, designed, and equipment is selected by using one of the methods listed.	CG-2	Note 26		
INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS: MANDATORY REQUIREMENTS						
27	702.1	HVAC system installers are trained and certified in the proper installation of HVAC systems.	CG-2	Note 27		
28	702.2	If required by County of Santa Clara, owner or owner's agent shall employ special inspector who are qualified and able to demonstrate competence in the discipline they are inspecting.	CG-2	Note 28		
29	703.1	Documentation used to show compliance with this code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to County of Santa Clara which show substantial conformance.	CG-2	Note 29		

TABLE 4.504.1
ADHESIVE VOC LIMIT[1, 2]
Less Water and Less Exempt Compounds in Grams per Liter

ARCHITECTURAL APPLICATIONS	VOC LIMIT
Indoor carpet adhesives	50
Carpet pad adhesives	50
Outdoor carpet adhesives	150
Wood flooring adhesive	100
Rubber floor adhesives	60
Subfloor adhesives	50
Ceramic tile adhesives	65
VCT and asphalt tile adhesives	50
Drywall and panel adhesives	50
Cove base adhesives	50
Multipurpose construction adhesives	70
Structural glazing adhesives	100
Single-ply roof membrane adhesives	250
Other adhesives not specifically listed	50
SPECIALTY APPLICATIONS	
PVC welding	510
CPVC welding	490
ABS welding	325
Plastic cement welding	250
Adhesive primer for plastic	550
Contact adhesive	80
Special purpose contact adhesive	250
Structural wood member adhesive	140
Top and trim adhesive	250
SUBSTRATE SPECIFIC APPLICATIONS	
Metal to metal	30
Plastic foams	50
Porous material (except wood)	50
Wood	30
Fiberglass	80

1. If an adhesive is used to bond dissimilar substrates together, the adhesive with the highest VOC content shall be allowed.
2. For additional information regarding methods to measure the VOC content specified in this table, see South Coast Air Quality Management District Rule 1168.

TABLE 4.504.2
SEALANT VOC LIMIT
Less Water and Less Exempt Compounds in Grams per Liter

SEALANTS	VOC LIMIT
Architectural	250
Marine deck	760
Nonmembrane roof	300
Roadway	250
Single-ply roof membrane	450
Other	420
SEALANT PRIMERS	
Architectural Nonporous Porous	 250 775
Modified bituminous	500
Marine deck	760
Other	750

TABLE 4.504.3
VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS[2, 3]
Grams of VOC per Liter of Coating,
Less Water and Less Exempt Compounds

COATING CATEGORY	VOC LIMIT
Flat coatings	50
Nonflat coatings	100
Nonflat-high gloss coatings	150
SPECIALTY COATINGS	
Aluminum roof coatings	400
Basement specialty coatings	400
Bituminous roof coatings	50
Bituminous roof primers	350
Bond breakers	350
Concrete curing compounds	350
Concrete/masonry sealers	100
Driveway sealers	50
Dry fog coatings	150
Faux finishing coatings	350
Fire resistive coatings	350
Floor coatings	100
Form-release compounds	250
Graphic arts coatings (sign paints)	500
High temperature coatings	420
Industrial maintenance coatings	250
Low solids coatings[1]	120
Magnesite cement coatings	450
Mastic texture coatings	100
Metallic pigmented coatings	500
Multicolor coatings	250
Pretreatment wash primers	420
Primers, sealers, and undercoaters	100
Reactive penetrating sealers	350
Recycled coatings	250
Roof coatings	50
Rust preventative coatings	250
Shellacs Clear Opaque	 730 550
Specialty primers, sealers and undercoaters	100
Stains	250
Stone consolidants	450
Swimming pool coatings	340
Traffic marking coatings	100
Tub and tile refinish coatings	420
Waterproofing membranes	250
Wood coatings	275
Wood preservatives	350
Zinc-rich primers	340

1. Grams of VOC per liter of coating, including water and including exempt compounds.
2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the table.
3. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008. More information is available from the Air Resources Board.

TABLE 4.504.5
FORMALDEHYDE LIMITS[1]
Maximum Formaldehyde Emissions in Parts per Million

PRODUCT	CURRENT LIMIT
Hardwood plywood veneer core	0.05
Hardwood plywood composite core	0.05
Particleboard	0.09
Medium density fiberboard	0.11
Thin medium density fiberboard[2]	0.13

1. Values in this table are derived from those specified by the California Air Resources Board, Air Toxics Control Measure for Composite Wood as tested in accordance with ASTM E1333. For additional information, see *California Code of Regulations*, Title 17, Sections 93120 through 93120.12.
2. Thin medium density fiberboard has a maximum thickness of $^{5}/_{16}$ inch (8 mm).

Construction Waste Management (CWM) Plan

Fill out the form including diversion rate and facility names and addresses

Project Name: _____
Job #: _____
Project Manager: _____
Waste Hauling Company: _____
Contact Name: _____

Legend:
_____ Hauling Company
_____ Sorting Facility Name and Location
_____ Disposal Service Company

All Subcontractors shall comply with the project's Construction Waste Management Plan.
All Subcontractor foremen shall sign the CWM Plan Acknowledgment Sheet.

Subcontractors who fail to comply with the Waste Management Plan will be subject to backcharges or withholding of payment, as deemed appropriate. For instance, Subcontractors who contaminate debris boxes that have been designated for a single material type will be subject to backcharge or withheld payment, as deemed appropriate.

1. The project's overall rate of waste diversion will be ____ %.
2. This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials and reusing materials whenever possible. The majority of the waste that is generated on this jobsite will be diverted from the landfill and recycled for other use.
3. Spreadsheet 1, enclosed, identifies the waste materials that will be generated on this project, the diversion strategy for each waste type and the anticipated diversion rate.
4. Waste prevention and recycling activities will be discussed at the beginning of weekly subcontractor meetings. As each new subcontractor comes on-site, the WMP Coordinator will present him/her with a copy of the CWM Plan and provide a tour of the jobsite to identify materials to be salvaged and the procedures for handling jobsite debris. All Subcontractor foremen will acknowledge in writing that they have read and will abide by the CWM Plan. Subcontractor Acknowledgment Sheet enclosed. The CWM Plan will be posted at the jobsite trailer.
5. Salvage: Excess materials that cannot be used in the project, nor returned to the vendor, will be offered to site workers, the owner, or donated to charity if feasible.
6. _____ will provide a commingled drop box at the jobsite for most of the construction waste. These commingled drop boxes will be taken to _____. The average diversion rate _____ for commingled waste will be ____%. As site conditions permit, additional drop boxes will be used for particular phases of construction (e.g., concrete and wood waste) to ensure the highest waste diversion rate possible.
7. In the event that the waste diversion rate achievable via the strategy described in (6) above, is projected to be lower than what is required, then a strategy of source-separated waste diversion and/or waste stream reduction will be implemented. Source separated waste refers to jobsite waste that is not commingled but is instead allocated to a debris box designated for a single material type, such as clean wood or metal.

   Notes:
   1. Waste stream reduction refers to efforts taken by the builder to reduce the amount of waste generated by the project to below four (4) pounds per square foot of building area.
   2. When using waste stream reduction measures, the gross weight of the product is subtracted from a base weight of four (4) pounds per square foot of building area. This reduction is considered additional diversion and can be used in the waste reduction percentage calculations.
8. _____ will track and calculate the quantity (in tons) of all waste leaving the project and calculate the waste diversion rate for the project. _____ will provide Project Manager with an updated monthly report on gross weight hauled and the waste diversion rate being achieved on the project. _____ monthly report will track separately the gross weights and diversion rates for commingled debris and for each source-separated waste stream leaving the project. In the event that _____ does not service any or all of the debris boxes on the project, the _____ will work with the responsible parties to track the material type and weight (in tons) in such debris boxes in order to determine waste diversion rates for these materials.
9. In the event that Subcontractors furnish their own debris boxes as part of their scope of work, such Subcontractors shall not be excluded from complying with the CWM Plan and will provide _____ weight and waste diversion data for their debris boxes.
10. In the event that site use constraints (such as limited space) restrict the number of debris boxes that can be used for collection of designated waste the project Superintendent will, as deemed appropriate, allocate specific areas onsite where individual material types are to be consolidated. These collection points are not to be contaminated with non-designated waste types.
11. Debris from jobsite office and meeting rooms will be collected by _____, _____ _____ will, at a minimum, recycle office paper, plastic, metal and cardboard.

Construction Waste Management (CWM) Worksheet

Project Name: _____

Job Number: _____

Project Manager: _____

Waste Hauling Company: _____

Construction Waste Management (CWM) Plan

WASTE MATERIAL TYPE	DIVERSION METHOD: COMMINGLED AND SORTED OFF SITE	DIVERSION METHOD: SOURCE SEPARATED ON SITE	PROJECTED DIVERSION RATE
Asphalt			
Concrete			
Shotcrete			
Metals			
Wood			
Rigid insulation			
Fiberglass insulation			
Acoustic ceiling tile			
Gypsum drywall			
Carpet/carpet pad			
Plastic pipe			
Plastic buckets			
Plastic			
Hardiplank siding and boards			
Glass			
Cardboard			
Pallets			
Job office trash, paper, glass & plastic bottles, cans, plastic			
Alkaline and rechargeable batteries, toner cartridges, and electronic devices			
Other:			
Other:			
Other:			
Other:			

Construction Waste Management (CWM) Acknowledgment

Note: This sample form may be used to assist in documenting compliance with the waste management plan.

Project Name: _____

Job Number: _____

Project Manager: _____

Waste Hauling Company: _____

CWM Plan Acknowledgment

The Foreman for each new Subcontractor that comes on site is to receive a copy of the Construction Waste Management Plan and complete this Acknowledgment Form.

I have read the Waste Management Plan for the project; I understand the goals of this plan and agree to follow the procedures described in this plan.

DATE	SUBCONTRACTOR COMPANY NAME	FOREMAN NAME	SIGNATURE

Project Information

CALGreen One or Two Family Residential Project Mandatory Requirements
County of Santa Clara

CG-1

12/20/2022

CALGREEN 2022 NOTES – MANDATORY REQUIREMENTS:

1. PROJECTS WHICH DISTURB LESS THAN ONE ACRE OF SOIL AND ARE NOT PART OF A LARGER COMMON PLAN OF DEVELOPMENT WHICH IN TOTAL DISTURBS ONE ACRE OR MORE, SHALL MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION. SEE CALGREEN 4.106.2 FOR FURTHER DETAILS.

2. CONSTRUCTION PLANS SHALL INDICATE HOW THE SITE GRADING OR DRAINAGE SYSTEM WILL MANAGE ALL SURFACE WATER FLOWS TO KEEP WATER FROM ENTERING BUILDINGS. SWALES, WATER COLLECTION AND DISPOSAL SYSTEMS, FRENCH DRAINS, WATER RETENTION GARDENS, AND OTHER MEASURES CAN BE USED. EXCEPTION: ADDITIONS AND ALTERATIONS NOT ALTERING THE DRAINAGE PATH.

3. FOR ANY NEW DWELLING UNITS WITH ATTACHED GARAGES AND FOR REBUILDS OF EXISTING DWELLING UNITS THAT INCLUDE A PANEL UPGRADE OR CONSTRUCTION BETWEEN THE PANEL AND PARKING AREA, INSTALL A LEVEL 2 EV READY SPACE AND LEVEL 1 EV READY SPACE. THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS "LEVEL 2 EV-READY."

EXCEPTION: FOR EACH DWELLING UNIT WITH ONLY ONE PARKING SPACE, INSTALL A LEVEL 2 EV READY SPACE.

LEVEL 1 EV READY SPACE IS A PARKING SPACE SERVED BY A COMPLETE ELECTRIC CIRCUIT WITH A MINIMUM OF 110/120 VOLT, 20-AMPERE CAPACITY, INCLUDING ELECTRICAL PANEL CAPACITY; AN OVERPROTECTION DEVICE; A MINIMUM 1" DIAMETER RACEWAY THAT MAY INCLUDE MULTIPLE CIRCUITS AS ALLOWED BY THE COUNTY ELECTRICAL CODE; PROPERLY SIZED CONDUCTORS; GROUNDING AND BONDING; AND EITHER (A) A RECEPTACLE LABELLED "ELECTRIC VEHICLE OUTLET" WITH AT LEAST A ½" FONT ADJACENT TO THE PARKING SPACE, OR (B) LABELED ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE).

LEVEL 2 EV READY SPACE IS A PARKING SPACE SERVED BY A COMPLETE ELECTRIC CIRCUIT WITH A MINIMUM OF 208/240 VOLT, 40-AMPERE CAPACITY, INCLUDING THE REQUIRED ELECTRICAL PANEL CAPACITY; AN OVERCURRENT PROTECTION DEVICE; A MINIMUM 1" DIAMETER RACEWAY THAT MAY INCLUDE MULTIPLE CIRCUITS AS ALLOWED BY THE COUNTY ELECTRICAL CODE; PROPERLY SIZED CONDUCTORS; GROUNDING AND BONDING; AND EITHER (A) A RECEPTACLE LABELED "ELECTRIC VEHICLE OUTLET" WITH A MINIMUM ½" FONT, ADJACENT TO THE PARKING SPACE, OR (B) A BLANK LABELED ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE) WITH A MINIMUM OUTPUT OF 40 AMPERES.

4. ACCESSORY DWELLING UNITS (ADU) AND JUNIOR ACCESSORY DWELLING UNITS (JADU) WITHOUT ADDITIONAL PARKING SPACES AND WITHOUT ELECTRICAL PANEL UPGRADE OR NEW PANEL INSTALLATION ARE EXEMPT FROM REQUIREMENTS ON NOTE 3. ADUS AND JADUS WITHOUT ADDITIONAL PARKING BUT WITH ELECTRICAL PANEL UPGRADES OR NEW PANELS MUST HAVE RESERVED BREAKERS AND ELECTRICAL CAPACITY ACCORDING TO THE REQUIREMENTS OF NOTE 3.

5. ALL NONCOMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES. PLUMBING FIXTURE REPLACEMENT IS REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF FINAL COMPLETION, CERTIFICATE OF OCCUPANCY, OR FINAL PERMIT APPROVAL BY BUILDING AND INSPECTION DIVISION. SEE CIVIL CODE SECTION 1101.1, ET SEQ., FOR THE DEFINITION OF A NONCOMPLIANT PLUMBING FIXTURE, TYPES OF RESIDENTIAL BUILDINGS AFFECTED AND OTHER IMPORTANT ENACTMENT DATES.

A. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS.

B. SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE AT 80 PSI. SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS.

C. WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL SHOWER-HEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI, OR THE SHOWER SHALL BE DESIGNED TO ALLOW ONLY ONE SHOWER OUTLET TO BE IN OPERATION AT A TIME. A HAND-HELD SHOWER SHALL BE CONSIDERED A SHOWERHEAD.

D. THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GALLONS PER MINUTE AT 60 PSI. THE MINIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT BE LESS THAN 0.8 GALLONS PER MINUTE AT 20 PSI.

E. THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI.

6. PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.1 OF THE CALIFORNIA PLUMBING CODE.

7. RESIDENTIAL DEVELOPMENTS SHALL COMPLY WITH COUNTY OF SANTA CLARA WATER EFFICIENT LANDSCAPE ORDINANCE OR THE CURRENT CALIFORNIA DEPARTMENT OF WATER RESOURCES' MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO), WHICHEVER IS MORE STRINGENT.

8. Not used.

9. ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS OR OTHER OPENINGS IN SOLE/BOTTOM PLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR A SIMILAR METHOD ACCEPTABLE TO THE COUNTY OF SANTA CLARA.

10. RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 65 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH CALGREEN SECTION 4.408.2 OR 4.408.3.

A. A CONSTRUCTION WASTE MANAGEMENT PLAN IS PROVIDED. THE CONSTRUCTION WASTE MANAGEMENT PLAN SHALL BE UPDATED AS NECESSARY AND SHALL BE AVAILABLE DURING CONSTRUCTION FOR EXAMINATION BY THE COUNTY OF SANTA CLARA.

1. IDENTIFY THE CONSTRUCTION AND DEMOLITION WASTE MATERIALS TO BE DIVERTED FROM DISPOSAL BY RECYCLING, REUSE ON THE PROJECT OR SALVAGE FOR FUTURE USE OR SALE.
2. SPECIFY IF CONSTRUCTION AND DEMOLITION WASTE MATERIALS WILL BE SORTED ON-SITE (SOURCE-SEPARATED) OR BULK MIXED (SINGLE STREAM).
3. IDENTIFY DIVERSION FACILITIES WHERE THE CONSTRUCTION AND DEMOLITION WASTE MATERIAL WILL BE TAKEN.
4. IDENTIFY CONSTRUCTION METHODS EMPLOYED TO REDUCE THE AMOUNT OF CONSTRUCTION AND DEMOLITION WASTE GENERATED.
5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

B. A WASTE MANAGEMENT COMPANY CAN BE UTILIZED IF APPROVED BY THE COUNTY OF SANTA CLARA. SEE CALGREEN 4.408.3 FOR FURTHER .DETAILS

11. DOCUMENTATION SHALL BE PROVIDED TO THE COUNTY OF SANTA CLARA WHICH DEMONSTRATES COMPLIANCE WITH NOTE 10.

12. AT THE TIME OF FINAL INSPECTION, A MANUAL, COMPACT DISC, WEB-BASED REFERENCE, OR OTHER MEDIA ACCEPTABLE TO THE COUNTY OF SANTA CLARA INCLUDES ALL OF THE REQUIRED INFORMATION, SHALL BE PLACED IN THE BUILDING. SEE CALGREEN 4.410.1 FOR DETAILS OF REQUIRED INFORMATION.

13. ANY INSTALLED GAS FIREPLACE SHALL BE A DIRECT-VENT SEALED-COMBUSTION TYPE. ANY INSTALLED WOODSTOVE OR PELLET STOVE SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL ALSO COMPLY WITH APPLICABLE SANTA CLARA COUNTY ORDINANCES AND BAY AREA AIR QUALITY MANAGEMENT DISTRICT REGULATION 6, RULE 3.

14. AT THE TIME OF ROUGH INSTALLATION, DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE COUNTY OF SANTA CLARA TO REDUCE THE AMOUNT OF WATER, DUST AND DEBRIS, WHICH MAY ENTER THE SYSTEM.

15. ADHESIVES, SEALANTS AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF CALGREEN TABLES 4.504.1 OR 4.504.2 AS REPRODUCED ON SHEET CG-1. SUCH PRODUCTS ALSO SHALL COMPLY WITH THE RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC COMPOUNDS (CHLOROFORM, ETHYLENE DICHLORIDE, METHYLENE CHLORIDE, PERCHLOROETHYLENE AND TRICHLOROETHYLENE), EXCEPT FOR AEROSOL PRODUCTS, AS SPECIFIED BELOW.

AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN 1 POUND AND DO NOT CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94507.

16. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS AS SHOWN IN TABLE 4.504.3 SHEET CG-1. THE VOC CONTENT LIMIT FOR COATINGS THAT DO NOT MEET THE DEFINITIONS FOR THE SPECIALTY COATINGS CATEGORIES LISTED IN TABLE 4.504.3 SHALL BE DETERMINED BY CLASSIFYING THE COATING AS A FLAT, NONFLAT OR NONFLAT-HIGH GLOSS COATING, BASED ON ITS GLOSS, AS DEFINED IN SUBSECTIONS 4.21, 4.36, AND 4.37 OF THE 2007 CALIFORNIA AIR RESOURCES BOARD, SUGGESTED CONTROL MEASURE, AND THE CORRESPONDING FLAT, NONFLAT OR NON-FLAT-HIGH GLOSS VOC LIMIT IN TABLE 4.504.3, SHEET CG-1 SHALL APPLY.

17. AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522(A)(2) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES, IN SECTIONS 94522(E)(1) AND (F)(1) OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94520; AND IN AREAS UNDER THE JURISDICTION OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT ADDITIONALLY COMPLY WITH THE PERCENT VOC BY WEIGHT OF PRODUCT LIMITS OF REGULATION 8, RULE 49.

18. VERIFICATION OF COMPLIANCE WITH NOTES 15, 16, AND 17 SHALL BE PROVIDED AT THE REQUEST OF THE COUNTY OF SANTA CLARA.

19. ALL CARPET AND CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS," VERSION 1.2, JANUARY 2017 (EMISSION TESTING METHOD FOR CALIFORNIA SPECIFICATION 01350)

ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE 4.504.1, SHEET CG-1.

20. WHERE RESILIENT FLOORING IS INSTALLED, AT LEAST 80 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS," VERSION 1.2, JANUARY 2017 (EMISSION TESTING METHOD FOR CALIFORNIA SPECIFICATION 01350)

21. HARDWOOD PLYWOOD, PARTICLEBOARD AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED ON THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN TABLE 4.504.5 SHEET CG-1.

22. VERIFICATION OF COMPLIANCE WITH NOTE 21 SHALL BE PROVIDED AT THE REQUEST OF THE COUNTY OF SANTA CLARA.

23. CONCRETE SLAB FOUNDATIONS REQUIRED TO HAVE A VAPOR RETARDER BY CBC, CHAPTER 19 OR CONCRETE SLAB-ON-GROUND FLOORS REQUIRED TO HAVE A VAPOR RETARDER BY CRC CHAPTER 5, SHALL COMPLY WITH FOLLOWING REQUIREMENT:

A CAPILLARY BREAK SHALL BE INSTALLED IN COMPLIANCE WITH AT LEAST ONE OF THE FOLLOWING:

A. A 4-INCH-THICK BASE OF 1/2 INCH OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED WITH A VAPOR RETARDER IN DIRECT CONTACT WITH CONCRETE AND A CONCRETE MIX DESIGN, WHICH WILL ADDRESS BLEEDING, SHRINKAGE, AND CURLING, SHALL BE USED.

B. A SLAB DESIGN SPECIFIED BY THE LICENSED DESIGN PROFESSIONAL.

24. BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE INSTALLED. WALL AND FLOOR FRAMING SHALL NOT BE ENCLOSED WHEN THE FRAMING MEMBERS EXCEED 19 PERCENT MOISTURE CONTENT. INSULATION PRODUCTS WHICH ARE VISIBLY WET OR HAVE A HIGH MOISTURE CONTENT SHALL BE REPLACED OR ALLOWED TO DRY PRIOR TO ENCLOSURE IN WALL OR FLOOR CAVITIES. WET-APPLIED INSULATION PRODUCTS SHALL FOLLOW THE MANUFACTURERS' DRYING RECOMMENDATIONS PRIOR TO ENCLOSURE.

25. EACH BATHROOM SHALL BE MECHANICALLY VENTILATED AND SHALL COMPLY WITH THE FOLLOWING:

A. FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING.

B. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL.

1. HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF ≤ 50 PERCENT TO A MAXIMUM OF 80 PERCENT. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT.
2. A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO THE EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRAL.

26. HEATING AND AIR-CONDITIONING SYSTEMS SHALL BE SIZED, DESIGNED AND HAVE THEIR EQUIPMENT SELECTED USING THE FOLLOWING METHODS:

A. THE HEAT LOSS AND HEAT GAIN IS ESTABLISHED ACCORDING TO ANSI/ACCA 2 MANUAL J—2016 (RESIDENTIAL LOAD CALCULATION), ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.

B. DUCT SYSTEMS ARE SIZED ACCORDING TO ANSI/ACCA 1 MANUAL D—2016 (RESIDENTIAL DUCT SYSTEMS), ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.

C. SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSI/ACCA 3 MANUAL S—2014 (RESIDENTIAL EQUIPMENT SELECTION) OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.

27. HVAC SYSTEM INSTALLERS SHALL BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS INCLUDING DUCTS AND EQUIPMENT BY A NATIONALLY OR REGIONALLY RECOGNIZED TRAINING OR CERTIFICATION PROGRAM. UNCERTIFIED PERSONS MAY PERFORM HVAC INSTALLATIONS WHEN UNDER THE DIRECT SUPERVISION AND RESPONSIBILITY OF A PERSON TRAINED AND CERTIFIED TO INSTALL HVAC SYSTEMS OR CONTRACTOR LICENSED TO INSTALL HVAC SYSTEMS.

28. IF REQUIRED BY THE COUNTY OF SANTA CLARA, THE OWNER OR THE RESPONSIBLE ENTITY ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTION OR OTHER DUTIES NECESSARY TO SUBSTANTIATE COMPLIANCE WITH THIS CODE. SPECIAL INSPECTORS SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE COUNTY OF SANTA CLARA FOR THE PARTICULAR TYPE OF INSPECTION OR TASK TO BE PERFORMED. SPECIAL INSPECTORS SHALL BE INDEPENDENT ENTITIES WITH NO FINANCIAL INTEREST IN THE MATERIALS OR THE PROJECT THEY ARE INSPECTING FOR COMPLIANCE WITH THIS CODE.

29. DOCUMENTATION USED TO SHOW COMPLIANCE WITH THIS CODE SHALL INCLUDE BUT IS NOT LIMITED TO, CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATIONS, BUILDER OR INSTALLER CERTIFICATION, INSPECTION REPORTS, OR OTHER METHODS ACCEPTABLE TO THE COUNTY OF SANTA CLARA WHICH DEMONSTRATE SUBSTANTIAL CONFORMANCE. WHEN SPECIFIC DOCUMENTATION OR SPECIAL INSPECTION IS NECESSARY TO VERIFY COMPLIANCE, THAT METHOD OF COMPLIANCE WILL BE SPECIFIED IN THE APPROPRIATE SECTION OR IDENTIFIED IN THE APPLICATION CHECKLIST.

Project Information