GENERAL REQUIREMENTS

- 1- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND REPORT ANY DISCREPANCIES TO THE BUILDING AND SAFETY DEPARTMENT. 2-CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR FURNISHING AND INSTALLING ADEQUATE SHORING, BRACING OR ANY OTHER MEANS THAT ARE REQUIRED TO SAFELY EXECUTE ALL WORK.
- 3-DETAILS NOTED AS TYP. OR TYPICAL APPLY IN ALL CASES WHETHER OR NOT
- SPECIFICALLY REFERENCED. 4-ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE
- 2022 EDITION OF THE CALIFORNIA BUILDING CODE. 5-PIPES AND SLEEVES SHALL NOT BE PLACED IN THE CONCRETE SLAB. OBTAIN APPROVAL FROM BUILDING AND SAFETY SHOULD SUCH INSTALLATION BE
- REQUIRED. 6- SLOPE DRAINAGE 6" WITHIN THE FIRST 10FT. FROM THE FOUNDATION WALL. IF PHYSICAL OBSTRUCTIONS OR LOT LINES PROHIBIT THE 10FT DISTANCE, A 2-5 PERCENT SLOPE SHALL BE PROVIDED TO AN APPROVED ALTERNATIVE METHOD OF DIVERTING THE WATER AWAY FROM THE FOUNDATION. IMPERVIOUS SURFACES SHALL ALSO BE SLOPED A MINIMUM OF 2 PERCENT FOR 10FT AWAY FROM STRUCTURES TO AN APPROVED DRAINAGE WAY. (CRC R401.3)
- 7- PROVIDE EMERGENCY EGRESS EXIT DOOR OR WINDOWS FROM SLEEPING ROOMS THE NET CLEAR WINDOW OPENING AREA SHALL BE A MINIMUM 5.0 SQ.FT. THE MINIMUM WINDOW OPENING SIZE IS 24" CLEAR IN HEIGHT, AND 20" CLEAR IN WIDTH. THE FINISHED SILL HEIGHT IS 44" MAX ABOVE THE FLOOR (CRC R310.1). 8- SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING.
- 9-WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING OR SLEEPING UNIT, THE SMOKE ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. 22-PROVIDE ATTIC VENTING
- EQUAL IN AREA TO 1SQ. FT./150SQ.FT. OF ATTIC AREA. 10-EXHAUST FANS PROVIDED FOR HUMIDITY CONTROL SHALL BE ENERGY STAR COMPLIANT AND CONTROLLED BY HUMIDITY CONTROL UNLESS FUNCTION AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM. THE HUMIDITY CONTROL SHALL OPERATE AS FOLLOWS:
- HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A a. RELATIVE HUMIDITY RANGE OF GREATER THAN OR EQUAL TO 50% TO MAXIMUM OF 80%. THE HUMIDITY CONTROL MAY UTILIZE MANUAL AUTOMATIC MEANS OF ADJUSTMENT, AND
- 11-A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO THE EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRAL.
- 12-THE PLUMBING FIXTURE AND PLUMBING FITTINGS SHALL MEET THE FLOW
- STANDARDS NOTED BELOW: WATER CLOSET=1.28 GALLONS PER FLUSH MAX a.
- SHOWERHEADS= 1.8 GPM b.
- KITCHEN FAUCETS=1.8 GPM C.
- LAVATORY FAUCETS=1.5 GPM d.

13-GUTTERS AND DOWNSPOUTS ARE REQUIRED WHEN THE EXPANSION INDEX EXCEEDS

FOUNDATION

1-FOOTINGS AND SLABS: ON FIRM UNDISTURBED NATURAL SOILS OR APPROVED COMPACTED SOILS.

- 2-ALLOWABLE SOIL BEARING FOR CONTINUOUS FOOTINGS: 1,500 PSF UNLESS SUBSTANTIATED OTHERWISE BY A SOILS INVESTIGATION REPORT.
- 3-ISOLATED FOOTINGS: NOT ALLOWED UNLESS SUBSTANTIATED OTHERWISE BY A SOILS INVESTIGATION REPORT.
- 4-ROOF AND AREA DRAINAGE. SHALL BE DIRECTED AWAY FROM THE FOUNDATIONS. 5-CONCRETE TO BE 2,500 PSI NORMAL WEIGHT, WITH TYPE II CEMENT, ASTM C150. 6-ALL REINFORCING BARS SHALL CONFORM TO ASTM A-615, GRADE 60.

WOOD

1-ALL LUMBER SHALL BE DOUGLAS FIR LARCH CONFORMING TO THE STANDARDS OF WCLIB.

2-JOISTS, RAFTERS, SUDS, PLATES AND BLOCKING TO BE No.2 3-BEAMS AND POSTS TO BE No1.

- 4- ALL LUMBER (SILL PLATES, LEDGERS, ETC.) WHICH ARE IN DIRECT CONTACT WITH CONCRETE OR EARTH SHALL BE PRESERVATIVE TREATED WOOD. NEWLY EXPOSED SURFACES RESULTING FROM FIELD CUTTING, BORING OR HANDLING SHALL BE FIELD TREATED IN ACCORDANCE WITH AWPA M-4. USE ONLY SODIUM BORATE TREATED WOOD FOR INTERIOR USE.
- 5-FASTENERS, INCLUDING NUTS AND WASHERS, FOR PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED, ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. COATING TYPES AND WEIGHTS FOR CONNECTORS IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE IN ACCORDANCE WITH THE CONNECTOR MANUFACTURER'S RECOMMENDATIONS. IN THE ABSENCE OF MANUFACTURER'S RECOMMENDATIONS, A MINIMUM OF ASTM A653 TYPE G185 ZINC-COATED GALVANIZED STEEL, OR EQUIVALENT, SHALL BE USED.
- 6-PLUMBING WALLS TO BE FRAMED WITH 2X6 STUDS.

AGING IN PLACE/FALL PREVENTION

- a. Reinforcement for grab bars shall be provided at least one bathroom on the entry level: i. Reinforcement shall be solid lumber
 - ii. Reinforcement shall not be less than 2X8 nominal lumber. iii. Reinforcement shall be located between 32-inches and 391/4-inches above the finished floor flush with the wall framing.
 - iv. Water closet reinforcement shall be installed on both side walls of the fixture, or one side wall and the back wall. 1. Where the water closet is not placed adjacent to a side wall capable of accommodating a grab bar, the bathroom shall have provisions for
 - installation of floor-mounted, foldaway, or similar alternate grab bar reinforcements. v. Shower reinforcement shall be continuous where wall framing is provided.
 - 1. Reinforcement shall not be required in wall framing for pre-fabricated shower enclosures and bathtub wall panels with integral factory-installed grab bars or when factory-installed reinforcement for grab bars is provided
 - vi. Bathtub and combination bathtub/shower reinforcement shall be continuous on each end of the bathtub and the back wall. Additionally, back wall reinforcement for a lower grab bar shall be provided with the bottom edge located no more than
- 6-inches above the bathtub rim." b. Add this note to the plans: "Documentations for grab bar reinforcement by information and/or drawings identifying the location of grab bar reinforcement shall be placed in the operation and maintenance manual.
- c. Electrical receptacle outlets, switches and controls intended to be used by occupants shall be located no more than 48-inches measured from the top of the outlet box and not
- less than 15-inches measured from the bottom of the outlet box above the finish floor. d. At least one bathroom and one bedroom on the entry level of a single-story dwelling shall provide a doorway with a net clear opening not less than 32-inches measured with the
- door positioned at an angle of 90 degrees from the closed position. e. At least one bathroom and one bedroom on the second or third floor of a two- or threestory dwelling shall provide a doorway with a net clear opening not less than 32-inches
- measured with the door positioned at an angle of 90 degrees from the closed position if a bathroom or bedroom is not located on the entry level. f. Doorbell buttons or controls shall not exceed 48-inches above exterior floor or landing,
- measured from the top of the doorbell button assembly.

NAILING SCHEDULE

THE CONNECTIONS LISTED BELOW ARE THE MINIMUM PERMISSIBLE. USE COMMON WIRE NAILS FOR ALL NAILED CONNECTIONS. WHERE POSSIBLE, NAILS DRIVEN PERPENDICULAR TO THE GRAIN SHALL BE USED INSTEAD OF TOE NAILS. SEE THE DRAWINGS FOR ADDITIONAL NAILING REQUIREMENTS.

JOIST TO SILL (PLATE) OR GIRDER, TOENAIL	3-8d
BRIDGING TO JOIST, TOENAIL EACH END	2-8d
1"x6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8d
2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE	NAIL 2-16d
SOLE PLATE TO JOIST OR BLOCKING:	
TYPICAL FACE NAIL	16d 0 16"0.C.
BRACED WALL PANELS	3−16d 0 16"0.C.
TOP PLATE TO STUD, END NAIL	2-16d

STUD TO SOLE PLATE: TOENAIL END NAIL

DOUBLE STUDS, FACE NAIL DOUBLED TOP PLATES: TYPICAL FACE NAIL

LAP SPLICE

BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE RIM JOIST TO TOP PLATE, TOENAIL

TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL CONTINUOUS HEADER, TWO PIECES (ALONG EDGE)

CEILING JOISTS TO PLATE, TOENAIL

CONTINUOUS HEADER TO STUD, TOENAIL

CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL CEILING JOISTS TO PARALLEL RAFTERS. FACE NAIL RAFTER TO PLATE. TOENAIL

1" DIAG. BRACE TO EACH STUD AND PLATE, FACE NAIL 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL 3-8d WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE

BUILT-UP CORNER STUDS

BUILT-UP GIRDERS AND BEAMS (FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES)

BUILT-UP GIRDERS AND BEAMS (FACE NAIL AT ENDS AND AT EACH SPLICE)

2" PLANKS, EACH END AND EACH BEARING LEDGER STRIP, FACE NAIL AT EACH JOIST

TITLE 24 ENERGY REQUIREMENTS

1. ALL LUMINAIRES MUST BE HIGH EFFICACY (150.0(K)1A) 2. RECESSED DOWNLIGHT LUMINAIRES IN INSULATED CEILINGS MUST MEET FIVE REQUIREMENTS (150.0(K)1C):

THEY MUST BE RATED FOR DIRECT INSULATION CONTACT (IC). THEY MUST BE CERTIFIED AS AIRTIGHT (AT) CONSTRUCTION.

THEY MUST HAVE A SEALED GASKET OR CAULKING BETWEEN THE HOUSING AND CEILING TO PREVENT FLOW OF HEATED OR COOLED AIR OUT OF LIVING AREAS AND INTO THE CEILING CAVITY

HARDWIRED BALLASTS OR DRIVERS, ALLOW BALLAST OR DRIVER MAINTENANCE AND REPLACEMENT TO BE READILY ACCESSIBLE FROM BELOW THE CEILING WITHOUT REQUIRING CUTTING HOLES IN CEILING.

THEY MAY NOT CONTAIN A SCREW BASE SOCKETS IN BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS, AT LEAST ONE LUMINAIRE IN EACH OF THESE SPACES SHALL BE CONTROLLED BY A VACANCY SENSOR OR OCCUPANT SENSOR PROVIDED THE OCCUPANT SENSOR IS INITIALLY PROGRAMMED LIKE A VACANCY

SENSOR (MANUAL-ON OPERATION), (150.0(K)2I) 3. JOINT APPENDIX A (JA8) CERTIFIED LAMPS SHALL BE CONSIDERED HIGH EFFICACY. JA8 COMPLIANT LIGHT SOURCES SHALL BE CONTROLLED BY A VACANCY SENSOR OR DIMMER. (EXCEPTION: <70SF CLOSETS AND HALLWAY) (150.0(K)2K) 4. UNDER-CABINET LIGHTING SHALL BE SWITCHED SEPARATELY FROM OTHER

LIGHTING SYSTEMS. (150.0(K)2L) 5. ALL EXTERIOR LIGHTING SHALL BE HIGH EFFICACY, BE CONTROLLED BY A MANUAL ON/OFF SWITCH AND HAVE ONE OF THE FOLLOWING CONTROLS (THE MANUAL SWITCH SHALL NOT OVERRIDE THE AUTOMATIC CONTROL DEVICE): (150.0(K)3A) PHOTO-CONTROL AND MOTION SENSOR

PHOTO-CONTROL AND AUTOMATIC TIME SWITCH CONTROL ASTRONOMICAL TIME CLOCK CONTROL TURNING LIGHTS OFF DURING THE DAY 7. ALL HIGH EFFICACY LIGHT FIXTURES SHALL BE CERTIFIED AS "HIGH-EFFICACY" LIGHT FIXTURES BY THE CALIFORNIA ENERGY COMMISSION.

8. CONTRACTOR SHALL PROVIDE THE HOMEOWNER WITH A LUMINAIRE SCHEDULE GIVING THE LAMPS USED IN THE LUMINAIRES INSTALLED. (10-103(B)) 9. THE NUMBER OF BLANK ELECTRICAL BOXES MORE THAN 5 FEET ABOVE THE FINISHED FLOOR SHALL NOT BE GREATER THAN THE NUMBER OF BEDROOMS. THESE ELECTRICAL BOXES MUST BE SERVED BY A DIMMER, VACANCY SENSOR, OR FAN SPEED CONTROL. (150(K)1B) 10. PROVIDE A GASKET/ INSULATION ON ALL INTERIOR ATTIC/UNDER-FLOOR ACCESSES.

(110.7)

11. PROVIDE VERIFICATION ON THE PLANS HOW THE BUILDING WILL MEET THE MINIMUM VENTILATION AND ACCEPTABLE INDOOR AIR QUALITY REQUIREMENTS PER ASHRAE STANDARD 62.2. WINDOW OPERATION IS NOT A PERMISSIBLE METHOD OF PROVIDING THE WHOLE BUILDING VENTILATION AIRFLOW REQUIRED. THIS IS SUBJECT TO HERS TESTING. THE FOLLOWING LABEL MUST BE ATTACHED TO THE FAN SWITCH: "TO MAINTAIN MINIMUM LEVELS OF OUTSIDE AIR VENTILATION REQUIRED FOR GOOD HEALTH, THE FAN CONTROL SHOULD BE ON AT ALL TIMES WHEN THE BUILDING IS OCCUPIED, UNLESS THERE IS SEVERE OUTDOOR AIR CONTAMINATION." (CALIFORNIA ENERGY CODE 150.0(O)) A MINIMUM 100 CFM INDOOR AIR QUALITY FAN IS REQUIRED IN THE KITCHEN AND SHALL BE HERS VERIFIED.

12. MINIMUM 50 CFM INDOOR AIR QUALITY FAN IS REQUIRED AT BATHROOMS. 13. THERMOSTATS. ALL HEATING OR COOLING SYSTEMS, INCLUDING HEAT PUMPS, NOT CONTROLLED BY A CENTRAL ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) SHALL HAVE A SETBACK THERMOSTAT, AS SPECIFIED IN SECTION 110.2(C)

ELECTRICAL/PLUMBING/MECHANICAL

No electrical panels in closets or bathrooms. Maintain a clearance of 36" inches in front of panels, 30" wide or width of equipment and 6'-6" high for headroom. (CEC 110.26) 2. Provide a minimum 3 lug intersystem bonding bus bar at the main electrical service.(CEC 250.94)

3. A concrete-encased electrode (ufer) consisting of 20' of rebar or #4 copper wire placed in the bottom of a footing is required for all new construction. (CEC 250.52(A) (3)) Bond all metal gas and water pipes to ground. All ground clamps shall be accessible and of an approved type. (CEC 250.104)

4. All 15/20 ampere receptacles installed per CEC 210.52 shall be listed tamper-resistant receptacles. (CEC 406.12) 5. All branch circuits supplying 15/20 ampere outlets in family rooms, dining rooms, living

rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, kitchens, laundry room or similar rooms/areas shall be protected by a listed combination type arc-fault circuit interrupter. (CEC 210.12)

6. Provide a minimum of one 20A circuit to be used for the laundry receptacle. (CEC210.11(C)(2)) Provide a minimum of one 20A circuit for bathroom receptacle outlets. (CEC 210.11(C)(3)

Provide at least 1 outlet at porches and within 3' of the outside of each bathroom basin. (CEC 210.52 (D), (F) &(G)).

8. All dwellings must have one exterior outlet at the front and the back of the dwelling. (CEC 210.52(E))

9. At least one wall switched lighting outlet or fixture shall be installed in every habitable room, bathroom, hallways, stairways, attached garages and detached garages with electrical power, equipment spaces (attics, basements, etc.). (CEC 210.70) 13. Kitchens, dining rooms, pantries, breakfast nooks, and similar areas must have a minimum of two 20A circuits. Kitchen, pantry, breakfast nooks, dining rooms, work surfaces and similar areas counter outlets must be installed in every counter space 12" inches or wider, not greater than 4' o.c., within 24" inches of the end of any counter space and not higher than 20" above counter. (CEC 210.52 (C)) Island counter spaces shall have at least 1 receptacle outlet unless a range top or sink is installed than 2 receptacles may be required. 1 receptacle is required for peninsular counter spaces. Receptacles shall be located behind kitchen sinks if the counter area depth behind the sink is more than 12" for straight counters and 18" for corner installations. (CEC Figure 210.52(C)(1)) 10. The main service disconnect shall have a rating of not less than 100 amps. C.E.C. Article 230.79(C).

11. Receptacles shall be installed at 12' o.c. maximum in walls starting at 6' maximum from the wall end. Walls longer than two feet shall have a receptacle. Hallway walls longer than 10 ft. shall have a receptacle in hallways. (CEC 210.52(A))

12. Receptacles shall not be installed within or directly over a bathtub or shower stall. (CEC 406.9(C) Light pendants, ceiling fans, lighting tracks, etc. shall not be located within 3ft horizontally and 8ft vertically above a shower and/or bathtub threshold. (CEC 410.10(D))

13. All lighting/fan fixtures located in wet or damp locations shall be rated for the application. (CEC 410.10) 14. GFCI outlets are required: for all kitchen receptacles that are designed to serve

countertop surfaces, dishwashers, bathrooms, in under-floor spaces or below grade level, in unfinished basements, crawl space lighting outlets, in exterior outlets, within 6' of a laundry/utility/wet bar sinks, laundry areas, and in all garage outlets including outlets dedicated to a single device or garage door opener. (CEC 210.8)

15. All 15/20 ampere receptacles in wet locations shall have in-use (bubble) covers installed. All receptacles in wet locations shall also be listed weather-resistant type. (CEC 406.9(B)(1)) 16. ABS piping shall not be exposed to direct sunlight unless protected by water based synthetic latex paints. (CPC 312.13)

17. PVC piping shall not be exposed to direct sunlight unless protected by water based synthetic latex paint, .04" thick wrap or otherwise protected from UV degradation. (CPC 312.14)

18. Underground water supply lines shall have a 14 awg blue tracer wire. (CPC 604.10.1) 19. Showers and tubs with showers require a non- absorbent surface up to 6' above the floor. (CRC R307.2) Minimum shower receptor slope is 1/8" per foot. (CPC 408.5) Provide curtain rod or door a minimum of 22" in width. (CPC 408.5). 20. Provide pressure relief valve with drain to outside for water heater. (CPC 504.6) Provide

seismic strapping in the upper and lower third of the water heater a minimum of 4" above controls. (CPC 507.2) The water heater shall be of an instantaneous type or the following shall be provided (new construction only) (CEC 150(n)): A 120V receptacles provided within 3ft; A category III or IV vent, or a straight (without bends) Type B vent; Condensate drain that is no more than 2 inches higher than the base of the water heater; Gas supply line with a minimum 200,000 Btu/hr dedicated capacity for the water heater; A dedicated 120/240, 3 wire circuit with 10AWG wire to a receptacle out- let within 3' of the water heater. The unused conductor shall be electrically isolated and have a reserved circuit breaker space. Both ends of the conductor shall be labeled "spare" and be electrically isolated. A reserve single-pole circuit breaker space

near this circuit labeled "Future 240V Use." (CEC 150.0(n)) 21. Domestic hot water lines shall be insulated. Insulation shall be the thickness of the pipe diameter up to 2" in size and minimum 2" thickness for pipes larger than 2" in diameter. (CPC

609 11) 22. Provide anti-siphon valves on all hose bibs. (CPC 603.5.7) Shall be protected by a onremovable hose bib-type vacuum breaker installed not less than 6 inches (152 mm) above

the highest point of usage located on the discharge side of the last valve. 23. Provide combustion air for all gas fired appliances per CMC Chapter 7.

24. Gas vents passing through an insulated assembly shall have a metal insulation shield a minimum 2" above insulation. (CMC 509.6.2.7) 25. Gas water heater and furnace are not allowed in areas opening into bathrooms, closets or bedrooms unless installed in a closet equipped with a listed gasketed door assembly and a

listed self-closing device with all combustion air obtained from the outdoors. (CPC 504) 26. Exhaust openings terminating to the outdoors shall be covered with a corrosion resistant screen $\frac{1}{4}$ - $\frac{1}{2}$ in opening size (not required for clothes dryers). (CMC 502.1)

27. Vent dryer to exterior of building (not to under-floor area). The vent diameter shall not be less than 4 inches nominal (100 mm), and the thickness shall be not less than 0.016 of an inch (0.406 mm). exhaust ducts shall not exceed a total combined horizontal and vertical length of 14 feet (4267 mm), including two 90 degrees (1.57 rad) elbows. clearances: installed air

conditioner and heat pump outdoor condensing units shall have a clearance of at least 5 feet (1.5 meters) from the outlet of any dryer vent. Vents shall terminate a minimum of 3' from the property line and any opening into the building. (C MC 504.4.2) 28. Provide minimum 100 square inches make-up air for clothes dryers installed in closets. (CMC 504 4 1(1))

29. Heating system is required to maintain 68 degrees at 3 ft. above floor level and 2ft from exterior walls in all habitable rooms. (CRC R303.10)

4-8d

2-16d

16d **024***0.C.

16d **0**16"0.C.

3-8d

2-16d

3-8d

4–8d

3–16d

3–16d

3-8d

2-8d

3-8d

16d **Q**24^{*}0.C.

20d **0**32^{*}0.C.

2-20d

2-16d

3–16d

16-16d

8d 06"0.C.

16d **0**16"0.C.

Building Permit Set - Not for Construction Before Issuance of Ventura County Building Permit and Stamped Approved and Signed by Ventura County Building and Safety

SHEET INDEX

1.1	GENERAL NOTES
	OWNER-SUPPLIED SITE PLAN
1.2	TYPICAL DETAILS
2.1	FLOOR AND ROOF PLANS, SECTION
2.2	FOUNDATION AND ROOF FRAMING PLANS
3.1	ELEVATIONS
4 .1	DETAILS
GN1	GREEN BUILDING NOTES
GN2	GREEN BUILDING NOTES
APPENDIX	CA ENERGY COMPLIANCE

PROJECT DATA

OWNER: _____

ADDRESS: _____ SCOPE: (FARM WORKER DWELLING / ACCESSORY DWELLING UNIT) OCCUPANCY: R-3 CONSTRUCTION TYPE: V - B SPRINKLERS (NFPA 13-D): _____ FIRE HAZARD SEVERITY ZONE: _____

SOIL DATA EXPANSION INDEX (E.I.):

91-130 FOR 700 SF AND 900 SF PLANS _____ PER GEOTECHNICAL REPORT FOR 1188 SF PLAN

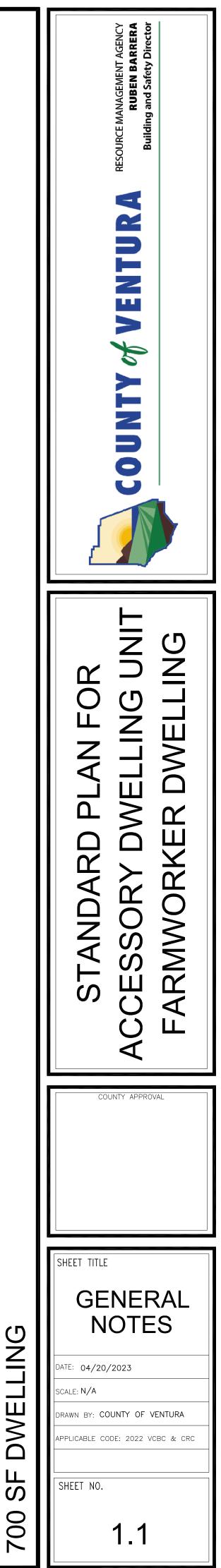
SEISMIC AND WIND DATA WIND EXPOSURE: EXPOSURE C WIND SPEED (ULT): 95 MPH (CATEGORY II)

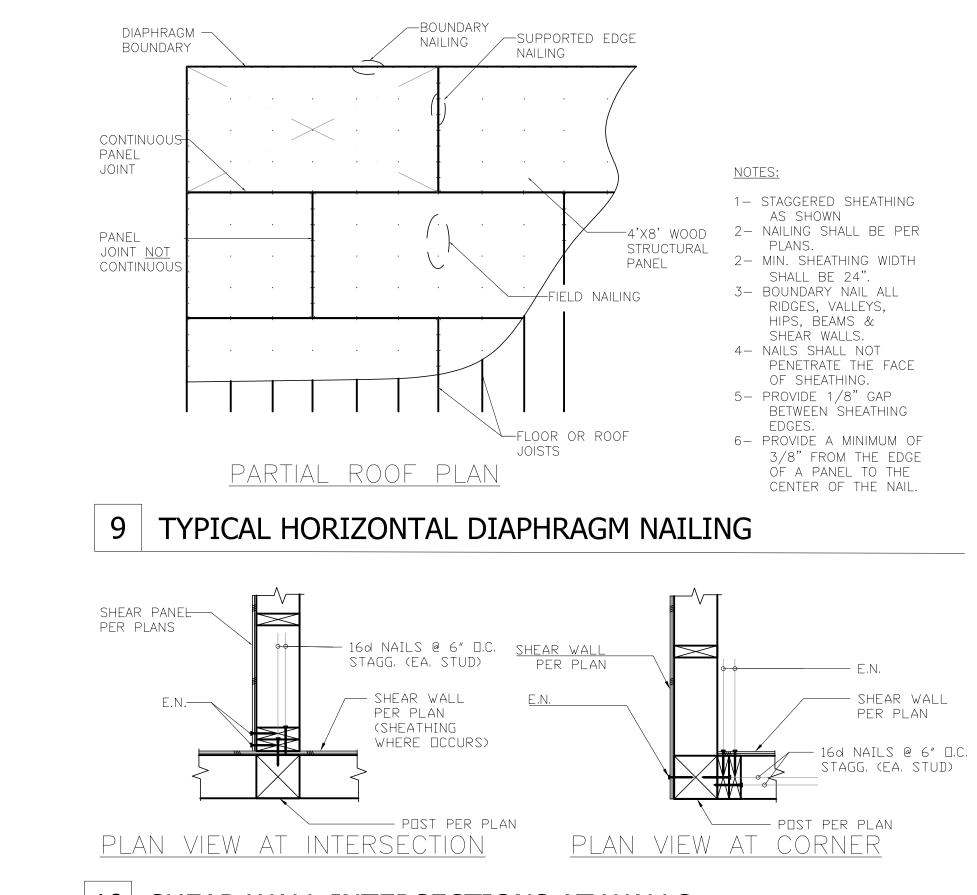
STRUCTURAL DATA ROOF DEAD LOAD: 15 PSF (6 PSF MAX. LIGHT-WEIGHT TILE ROOF) ROOF LIVE LOAD: 20 PSF ELEVATION _____ FEET NOTE: THIS PLAN CANNOT BE USED ABOVE 4000' ELEVATION.

CALIFORNIA ENERGY CODE INFORMATION FRONT ORIENTATION: _____ CLIMATE ZONE: _____ (SEE SPECIAL REQUIREMENTS FOR CZ= 3 AND 16)

FLOOD DATA FLOOD ZONE: DESIGN FLOOD ELEVATION: ____

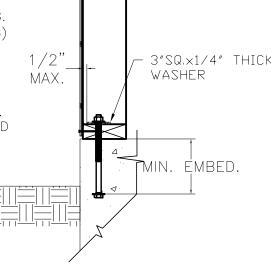
PHOTOVOLTAIC SYSTEM REQUIRED. REFER TO ENERGY DESIGN FOR SIZE AND ORIENTATION.

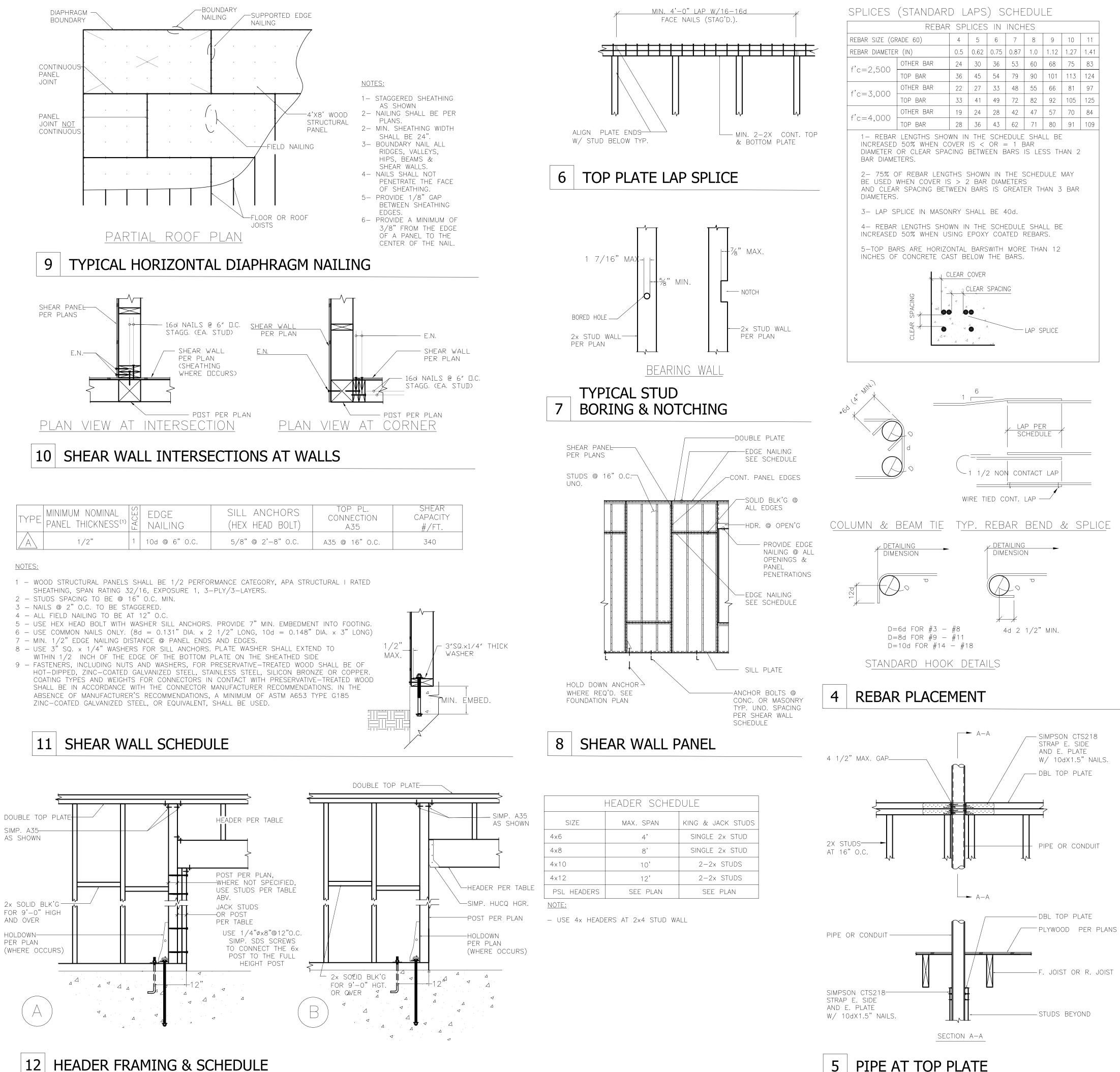




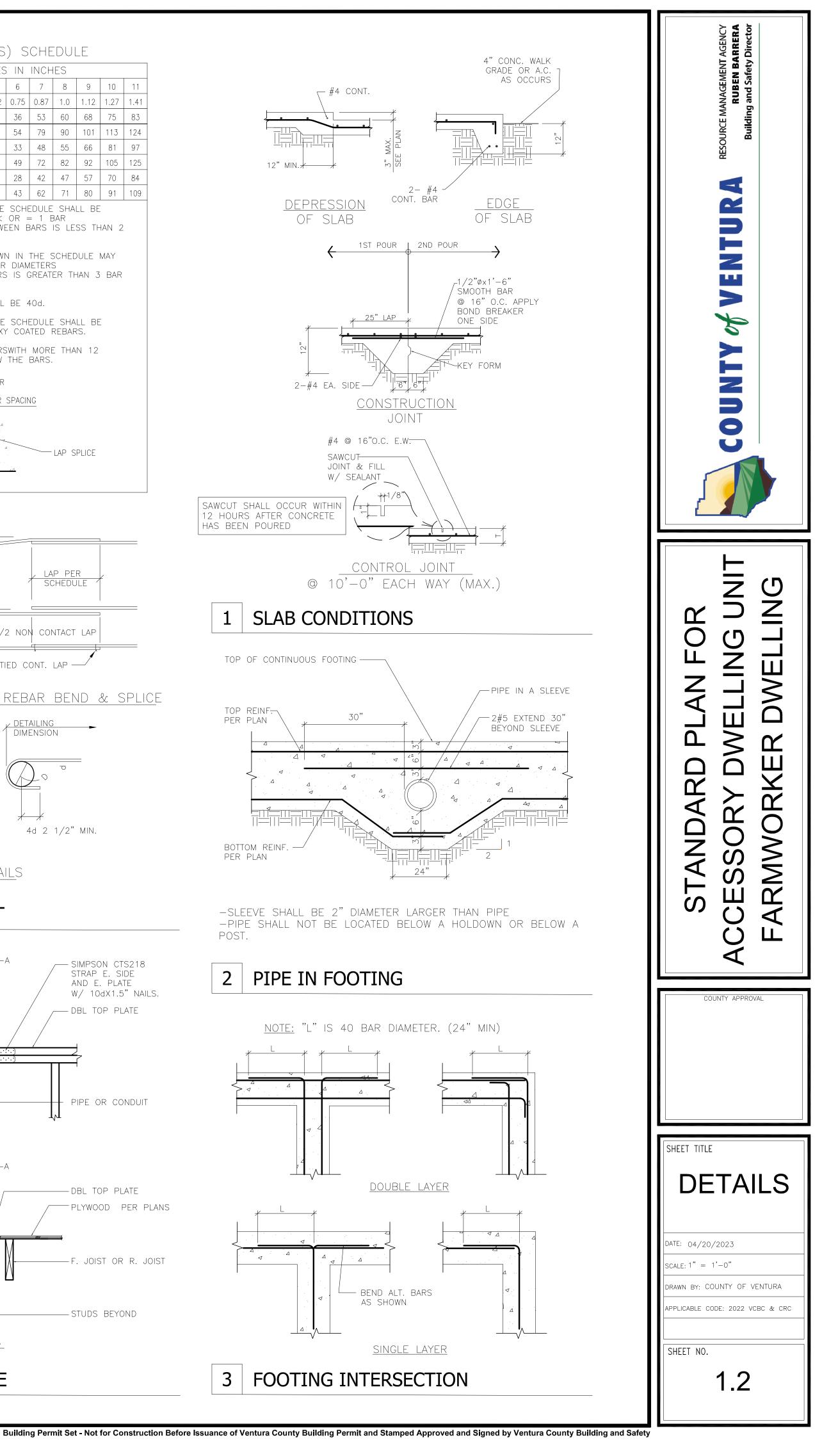
TYPE	MINIMUM NOMINAL PANEL THICKNESS ⁽¹⁾	FACES	EDGE NAILING	SILL ANCHORS (HEX HEAD BOLT)	TOP PL. CONNECTION A35	SHEAR CAPACITY #/FT.
	1/2"	1	10d @ 6"O.C.	5/8"@ 2'-8"O.C.	A35 @ 16"O.C.	340

- WITHIN 1/2 INCH OF THE EDGE OF THE BOTTOM PLATE ON THE SHEATHED SIDE HOT-DIPPED, ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. SHALL BE IN ACCORDANCE WITH THE CONNECTOR MANUFACTURER RECOMMENDATIONS. IN THE ABSENCE OF MANUFACTURER'S RECOMMENDATIONS, A MINIMUM OF ASTM A653 TYPE G185 ZINC-COATED GALVANIZED STEEL, OR EQUIVALENT, SHALL BE USED.



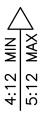


5 PIPE AT TOP PLATE



ROOF NOTES

- 1. CLASS 'A' ASPHALT SHINGLE ROOFING (ICC-ESR 1389) OR CONCRETE TILE ROOF (6psf MAX. IAPMO 1990)
- 2. PROVIDE A RECTANGLE VENT AT EACH GABLE END. ADDITIONAL VENTS WILL BE REQUIRED TO MEET ROOF VENTILATION REQUIREMENTS. 700 SF/150 = 4.66 SF MIN. NET FREE VENT AREA REQUIRED.
- 3. WHERE USED, PROVIDE BLOCKING AROUND DORMER AND EAVE VENTS AT THE ROOF FRAMING UNDER THE ROOF DIAPHRAGM SHEATHING.
- 4. INSULATIONS TO BE SNUG AROUND VENT OPENINGS. 5. ATTIC VENTS SHALL BE COVERED WITH MESH FOR PROTECTION AGAINST RODENTS.
- 6. FOR HIGH-FIRE SEVERITY ZONE, ATTIC VENT MESH SHALL NOT BE MORE THAN 1/8", BUT NOT LESS THAN 1/16".
- 7. GUTTERS AND DOWNSPOUTS REQUIRED.





ROOF PLAN

WINDOW AND DOOR SCHEDULE

SYMBOL	TYPE	SIZE (W x H)	OPERATION	REMARKS
A	WINDOW	5'-0" x 4'-0"	SLIDING	*
В	WINDOW	4'-0" x 3'-0"	SLIDING	*
C	WINDOW	3'-0" x 2'-0"	SLIDING	*
1	DOOR	3'-0" x 6'-8"		
2	DOOR	2'-0" x 6'-8"		HI/LO LOUVERS
3	DOOR	2'-10" x 6'-8"		**

* USE DUAL TEMPERED GLAZING IN HIGH FIRE HAZARD AREAS ** REQUIRED WIDTH BASED ON CRC R327.1 "AGING IN PLACE"

FENESTRATION VALUES CLIMATE ZONE 6: U-FACTOR = 0.30

CLIMATE ZONE 9: U-FACTOR = 0.25

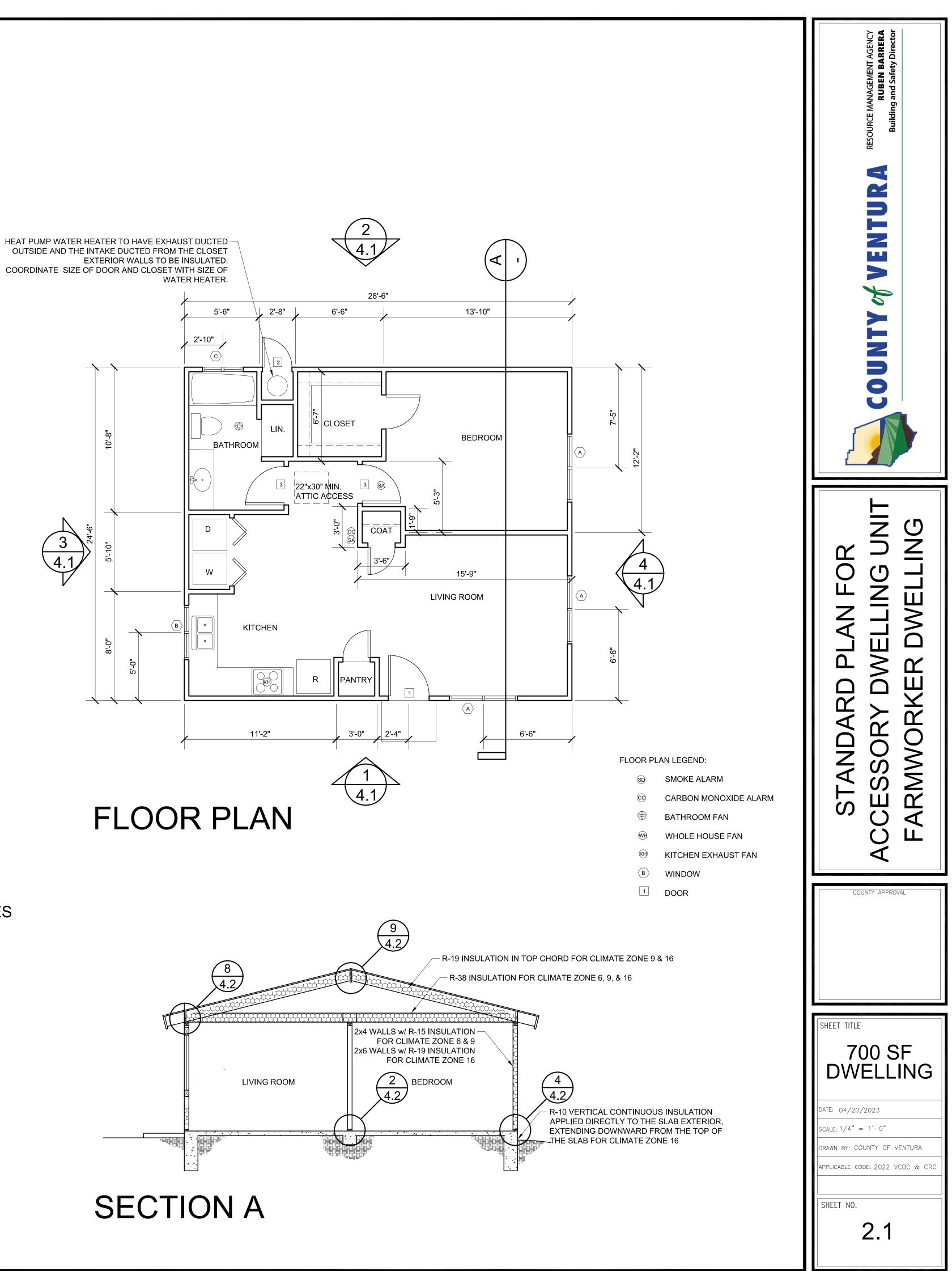
CLIMATE ZONE 16: U-FACTOR = 0.25

SHGC = 0.23 SHGC = 0.15 SHGC = 0.40

ALL-ELECTRIC RESIDENTIAL BUILDING

VCBC SECTION 4.509 AMENDMENT TO THE CA GREEN BUILDINGS STANDARDS CODE "REDUCTION OF GREEN HOUSE GASES":

ALL NEWLY CONSTRUCTED DWELLINGS SHALL BE ALL-ELECTRIC BUILDINGS HAVING NO NATURAL GAS BURNING APPLIANCES OR EQUIPMENT. EXCEPTIONS INCLUDE THE FOLLOWING ITEMS: FIREPLACES, FIRE PITS, OUTDOOR COOKING GRILLS AND BARBECUES, POOLS AND SPAS, AND STANDBY GENERATORS.



MECHANICAL AND PLUMBING NOTES

INDOOR FAN-COIL AND OUTDOOR CONDENSER DUCTLESS HEAT-PUMP TO BE LOCATED AND CALLED OUT ON THE FLOOR PLAN.

1'-6" TYP

A 1-TON, CODE MINIMUM EFFICIENCY SPECIFICATION WAS USED FOR ALL UNITS.

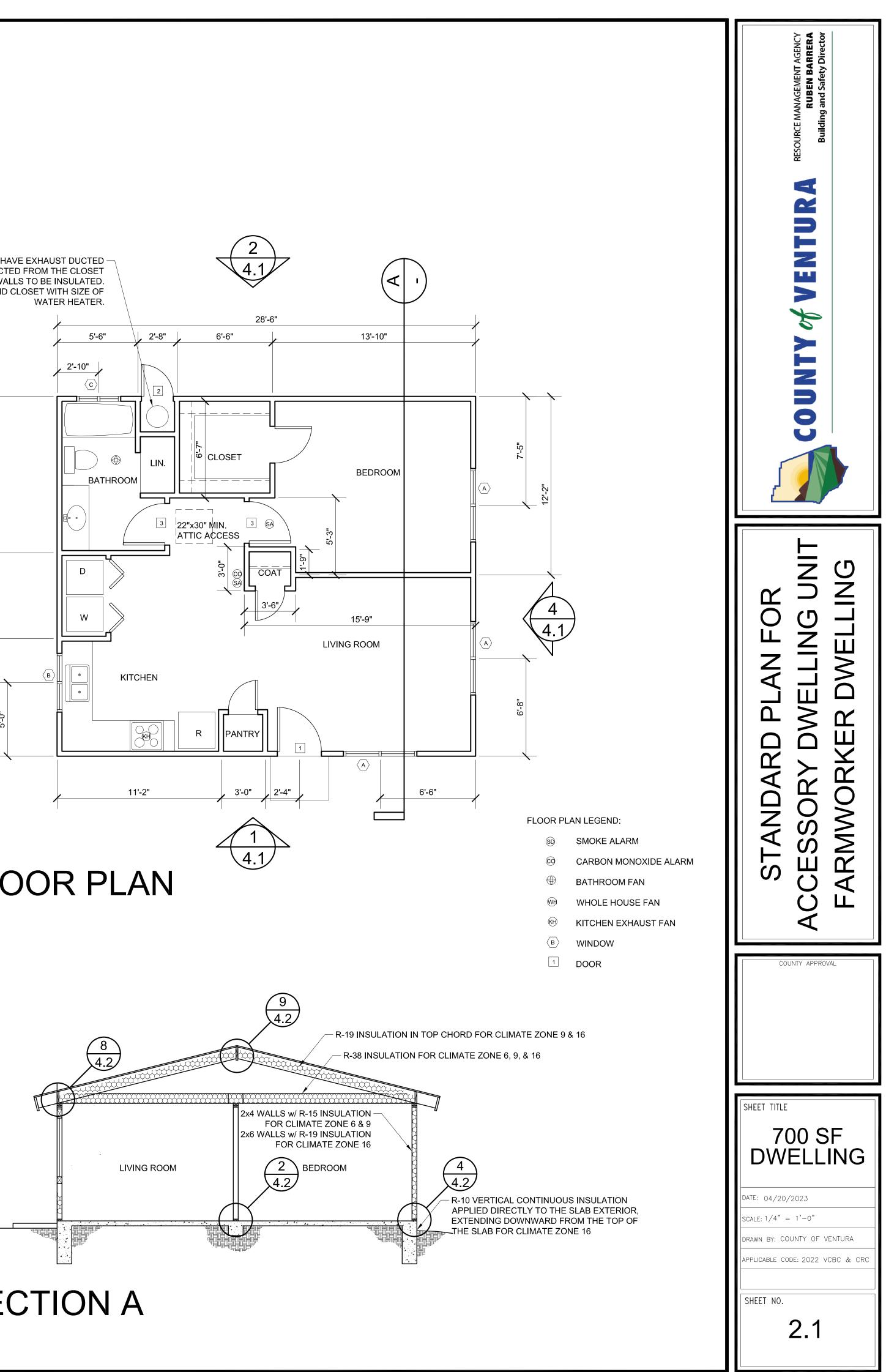
*ALTERATIONS IN QUANTITY OR TONNAGE REQUIRED A **REVISED PERFORMANCE T24*.**

VARIABLE CAPACITY HEAT PUMP COMPLIANCE OPTION TAKEN, VERIFIED PER VCHP STAFF REPORT, APPENDIX B, AND RA3.

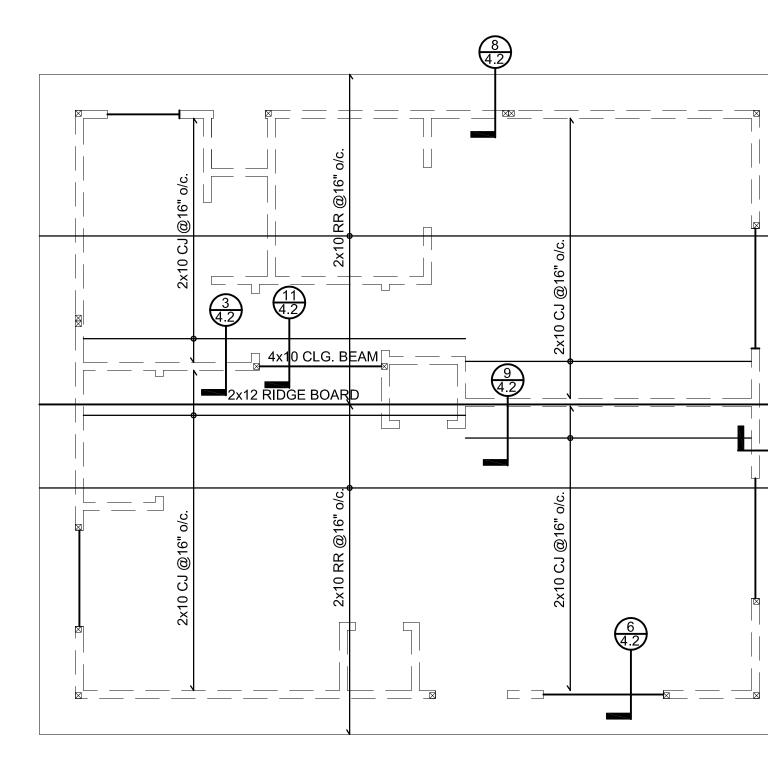
NEEA RATED HEAT PUMP WATER HEATER TO BE LOCATED INSIDE THE CONDITIONED ENVELOPE.

ALL HOT WATER PIPES TO BE INSULATED (HERS).

SEE ENERGY FORMS FOR EQUIPMENT SIZING.



Building Permit Set - Not for Construction Before Issuance of Ventura County Building Permit and Stamped Approved and Signed by Ventura County Building and Safety



(5) (4.2)

ROOF FRAMING PLAN

ROOF SHEATHING

ROOF: 15 /32" PERFORMANCE CATEGORY, APA STRUCTURAL I RATED SHEATHING, 40/20, EXPOSURE 1.

NAILING: 10d @ 6" O.C. @ BOUNDARIES AND SUPPORTED EDGES, 12" O.C. FIELD. UNBLOCKED. ALL NAILS ARE COMMON.

LEGEND

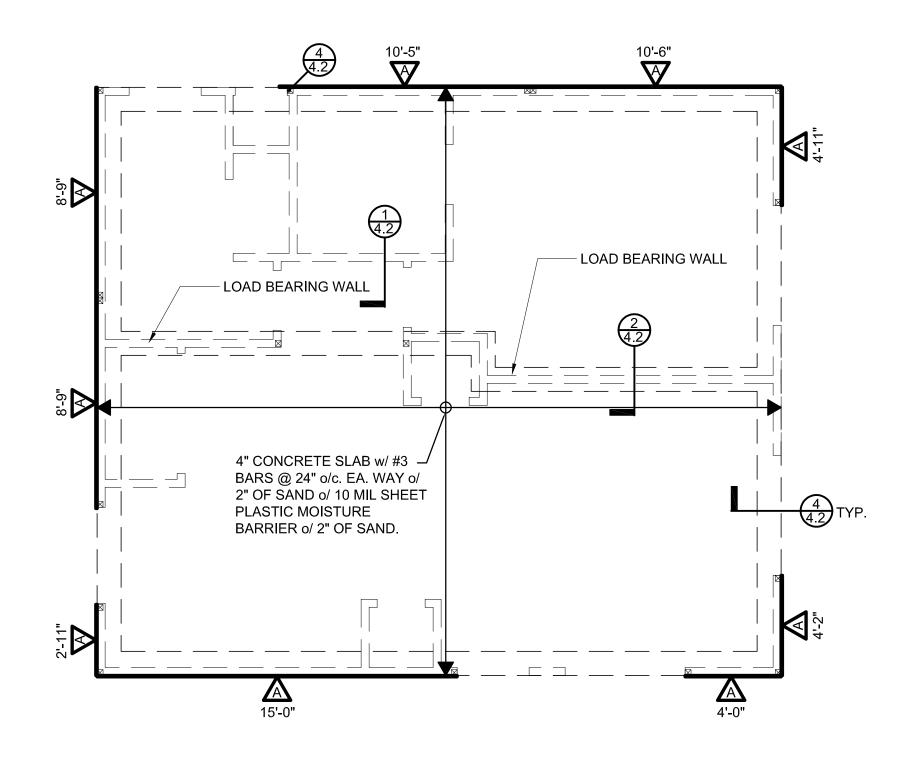
POST (4x6 U.N.O.) 2–2x STUDS
2x4@16" o/c WALL
2x6@16" o/c AT PLUMBING WALLS
SHEAR WALL (SHT'G PER SCHEDULE)

ROOF RAFTERS PER PLAN

CEILING JOISTS PER PLAN

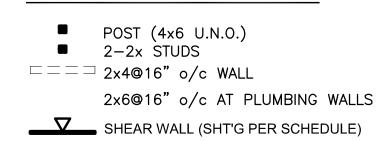
NOTES

- 1. FOR SHEAR WALL SCHEDULE SEE 1/1.2
- 2. FOR HEADERS FRAMING AND SCHEDULE SEE 8/1.2 (U.N.O.). 3. NEW EXTERIOR WALLS SHALL BE SHEATHED WITH 15/32"
- PLYWOOD AND NAILED W/ 10d @ 6", 12". (U.N.O.) 4. HOLD-DOWNS SHALL BE RE-TIGHTENED PRIOR TO COVERING THE WALL FRAMING.
- 5. MANUFACTURED ROOF TRUSSES ARE ALLOWED IN LIEU OF FRAMING SHOWN. SUBMIT TRUSS PLAN AND CALCULATIONS FOR REVIEW BY BUILDING AND SAFETY.



FOUNDATION PLAN

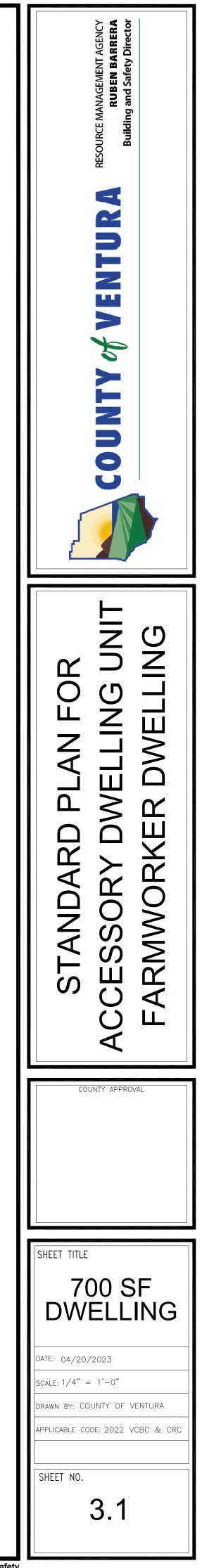
LEGEND



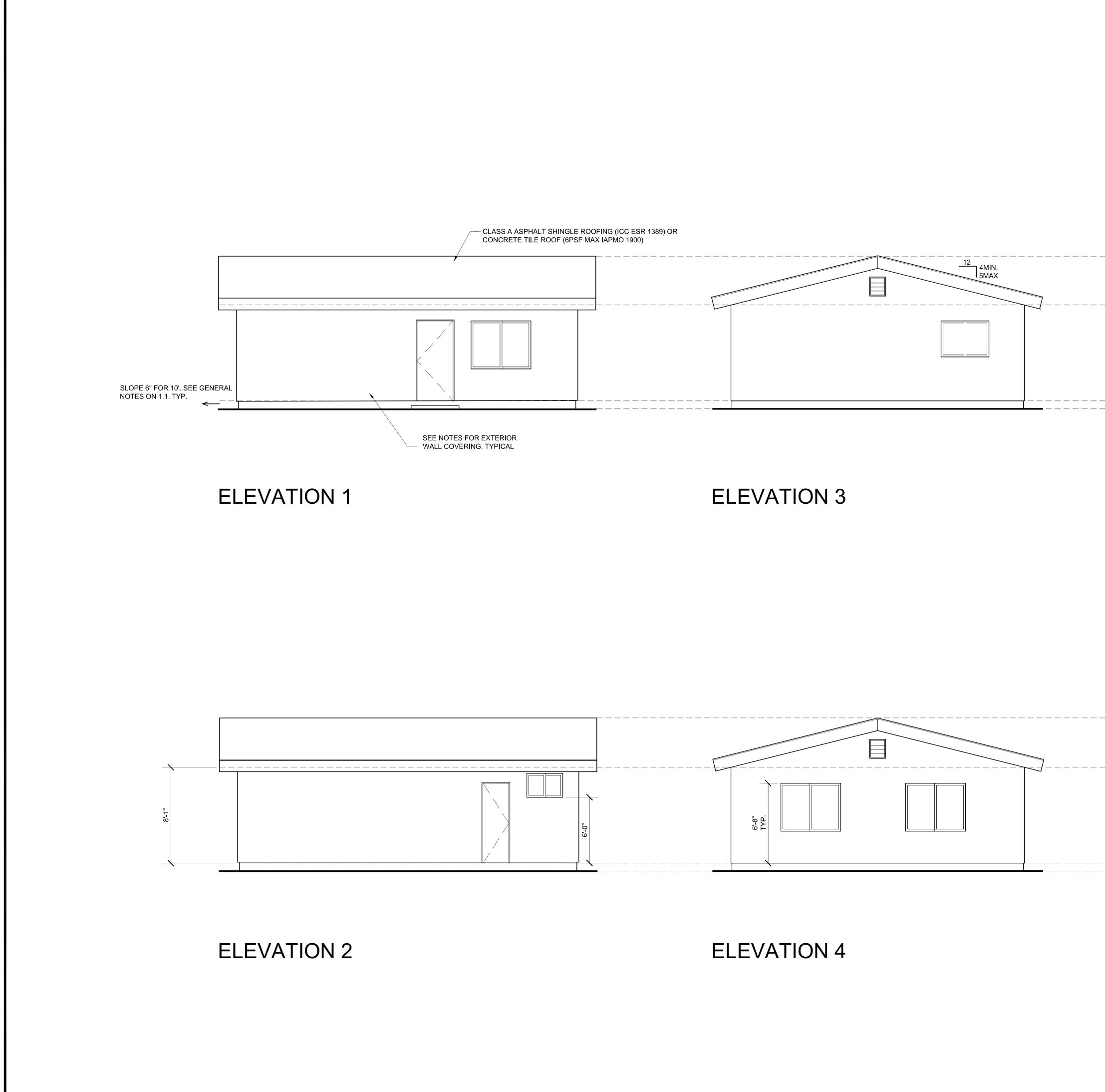
NOTE:

PLAN.

SOILS INVESTIGATION REPORT IS OPTIONAL. IF THE SOILS INVESTIGATION REPORT IS USED, THE RECOMMENDATIONS OF THE SOILS INVESTIGATION REPORT SHALL BE FOLLOWED AND ARE PART OF THIS



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EXTERIOR WALL COVERING

NO HIGH FIRE SEVERITY ZONE <u>OPTION 1:</u> _TOP_OF RIDGE 7/8" CEMENT PLASTER (MEASURED FROM THE FACE OF THE STUDS). PLASTER MIX 1:4 FOR SCRATCH COAT AND 1:5 FOR BROWN COAT, BY VOLUME, CEMENT TO SAND. DOUBLE TOP PLATE OPTION 2: SIDING APPLIED OVER STUDS. HIGH FIRE SEVERITY ZONE OPTION 1: 7/8" CEMENT PLASTER (MEASURED FROM THE FACE OF THE STUDS). PLASTER MIX 1:4 FOR FINISH ____FLOOR SCRATCH COAT AND 1:5 FOR BROWN COAT, BY VOLUME, CEMENT TO SAND. TOP OF GRADE <u>OPTION 2:</u> HARDIE SIDING (ICC ESR-1844) OPTION 3:

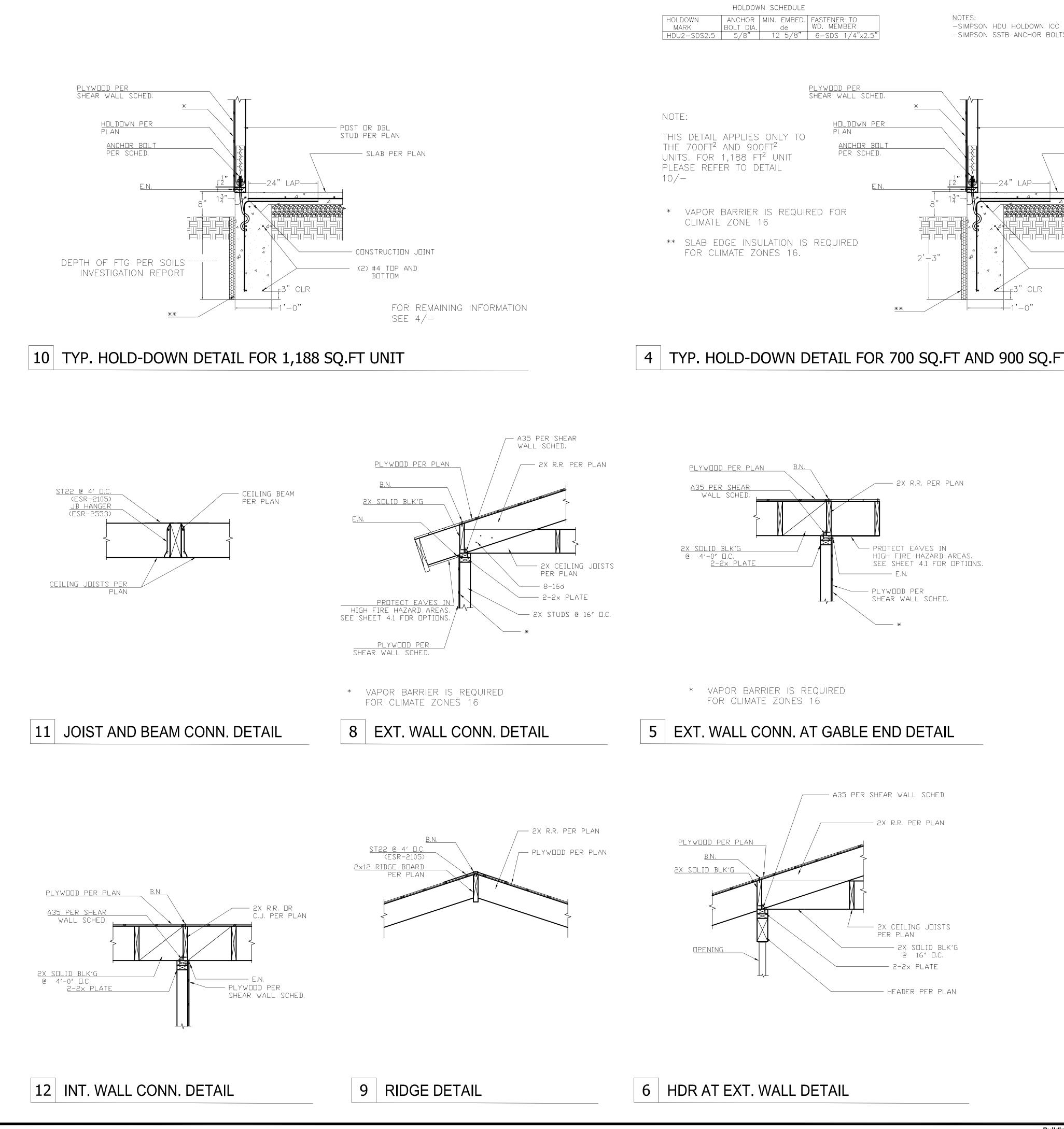
SIDING OVER ONE LAYER OF 5/8" TYPE X GYPSUM SHEATHING APPLIED OVER STUDS.

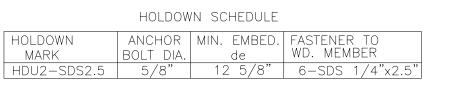
TOP OF RIDGE

DOUBLE TOP PLATE

FINISH _FLOOR TOP OF GRADE

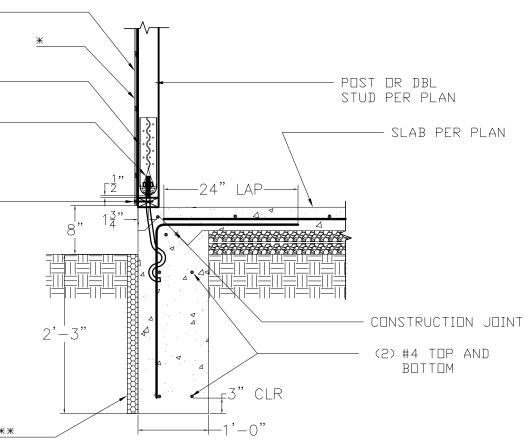
COUNTY VENTURA RESOURCE MANAGEMENT AGENCY RESOURCE MANAGEMENT AGENCY RUBEIN BARRERA Building and Safety Director
STANDARD PLAN FOR ACCESSORY DWELLING UNIT FARMWORKER DWELLING
COUNTY APPROVAL
SHEET TITLE TOO SF DVUELLING DATE: 04/20/2023 SCALE: 1/4" = 1'-0" DRAWN BY: COUNTY OF VENTURA APPLICABLE CODE: 2022 VCBC & CRC SHEET NO. 4.1



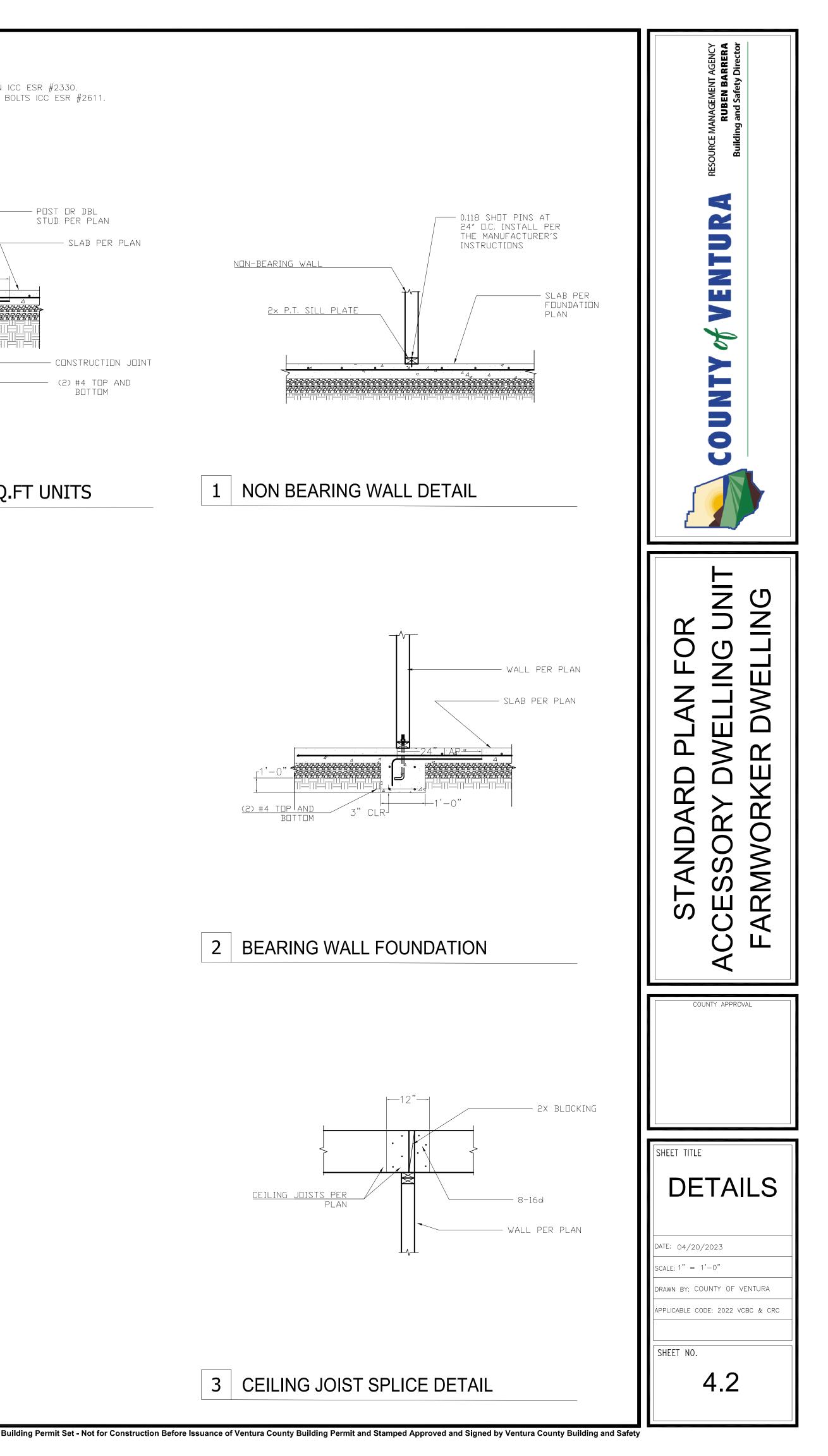


NOTES: -SIMPSON HDU HOLDOWN ICC ESR #2330. -SIMPSON SSTB ANCHOR BOLTS ICC ESR #2611.

NOTE:	HOLDOWN PER
THIS DETAIL APPLIES ONLY TO THE 700FT ² AND 900FT ² UNITS. FOR 1,188 FT ² UNIT PLEASE REFER TO DETAIL 10/-	PLAN <u>Anchor Bolt</u> Per Sched.
	E.N.



4 TYP. HOLD-DOWN DETAIL FOR 700 SQ.FT AND 900 SQ.FT UNITS



California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023)

	RESIDENTIAL			
		Y N/A RI	ESPON. PARTY	4.106.4.2 New multifamily dwellings, hotels
	GREEN BUILDING SECTION 301 GENERAL			When parking is provided, parking spaces for requirements of Sections 4.106.4.2.1 and 4.10
3	01.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the			whole number. A parking space served by elec space shall count as at least one standard aut applicable minimum parking space requiremer
	application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.			for further details. 4.106.4.2.1Multifamily development projects
	301.1.1 Additions and alterations. [HCD] The mandatory provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration.			than 20 sleeping units or guest rooms. The number of dwelling units, sleeping units of this section.
	The mandatory provision of Section 4.106.4.2 may apply to additions or alterations of existing parking facilities or the addition of new parking facilities serving existing multifamily buildings. See Section 4.106.4.3 for application.			1.EV Capable. Ten (10) percent of the t of parking facilities, shall be electric veh EVSE. Electrical load calculations shall system, including any on-site distribution EVs at all required EV spaces at a minir
	Note: Repairs including, but not limited to, resurfacing, restriping and repairing or maintaining existing lighting fixtures are not considered alterations for the purpose of this section.			The service panel or subpanel circuit dir for future EV charging purposes as "EV
	Note: On and after January 1, 2014, residential buildings undergoing permitted alterations, additions, or improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures.			Exceptions:
	Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy or final permit approval by the local building department. 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.			1.When EV chargers (Level 2 EVSE) of EV capable spaces.
3	01.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD] The provisions of individual sections of CALGreen may apply to either low-rise residential buildings high-rise residential buildings, or both. Individual sections will be designated by banners to indicate where the section applies specifically to low-rise only (LR) or high-rise only (HR). When the section applies to both low-rise and			2.When EV chargers (Level 2 EVSE) spaces, the number of EV capabl EV chargers installed. Notes:
	high-rise buildings, no banner will be used.			a.Construction documents are intend future EV charging.
	SECTION 302 MIXED OCCUPANCY BUILDINGS			b.There is no requirement for EV spa EV chargers are installed for use.
3	02.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy. Exceptions:			2.EV Ready . Twenty-five (25) percent on Level 2 EV charging receptacles. For m
	 1. [HCD] Accessory structures and accessory occupancies serving residential buildings shall comply with Chapter 4 and Appendix A4, as applicable. 2. [HCD] For purposes of CALGreen, live/work units, complying with Section 419 of the California 			dwelling unit when more than one parkin Exception: Areas of parking facilities ser
	<i>Building Code</i> , shall not be considered mixed occupancies. Live/Work units shall comply with Chapter 4 and Appendix A4, as applicable.			4.106.4.2.2 Multifamily development project sleeping units or guest rooms.
	DIVISION 4.1 PLANNING AND DESIGN			The number of dwelling units, sleeping units of this section.
H B	CD Department of Housing and Community Development SC California Building Standards Commission			1.EV Capable . Ten (10) percent of the t of parking facilities, shall be electric veh
0 LI	SA-SS Division of the State Architect, Structural Safety ISHPD Office of Statewide Health Planning and Development R Low Rise			EVSE. Electrical load calculations shall system, including any on-site distribution EVs at all required EV spaces at a minir
н	R High Rise A Additions and Alterations			The service panel or subpanel circuit dir for future EV charging purposes as "EV
	CHAPTER 4 RESIDENTIAL MANDATORY MEASURES			Exception: When EV chargers (Leve parking spaces required by Section 4 reduced by a number equal to the nu
	ECTION 4.102 DEFINITIONS			Notes: a.Construction documents shall show
4.	102.1 DEFINITIONS he following terms are defined in Chapter 2 (and are included here for reference)			b.There is no requirement for EV spa
	RENCH DRAIN. A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar ervious material used to collect or channel drainage or runoff water.			EV chargers are installed for use. 2.EV Ready. Twenty-five (25) percent o
	/ATTLES. Wattles are used to reduce sediment in runoff. Wattles are often constructed of natural plant materials uch as hay, straw or similar material shaped in the form of tubes and placed on a downflow slope. Wattles are also			Level 2 EV charging receptacles. For modeling unit when more than one parking
us	sed for perimeter and inlet controls.			Exception: Areas of parking facilities
	 .106 SITE DEVELOPMENT .106.1 GENERAL. Preservation and use of available natural resources shall be accomplished through evaluation and careful planning to minimize negative effects on the site and adjacent areas. Preservation of slopes, management of storm water drainage and erosion controls shall comply with this section. 			3.EV Chargers. Five (5) percent of the to Where common use parking is provided area and shall be available for use by al When low power Level 2 EV charging re
4.	.106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION. 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. In order to manage storm water drainage during construction, one or more of the following measures shall be implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site.			an automatic load management system capacity to each space served by the Al shall have sufficient capacity to deliver a served by the ALMS. The branch circuit have a capacity of not less than 30 amp
	 Retention basins of sufficient size shall be utilized to retain storm water on the site. Where storm water is conveyed to a public drainage system, collection point, gutter or similar disposal method, water shall be filtered by use of a barrier system, wattle or other method approved by the opforcing approve 			capacity to the required EV capable spa 4.106.4.2.2.1 Electric vehicle charging st Electric vehicle charging stations required b
	by the enforcing agency. 3. Compliance with a lawfully enacted storm water management ordinance. Note: Refer to the State Water Resources Control Board for projects which disturb one acre or more of soil, or are part of a larger common plan of development which in total disturbs one acre or more of soil			Exception: Electric vehicle charging statio shall not be required to comply with this s requirements.
	are part of a larger common plan of development which in total disturbs one acre or more of soil. (Website: https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html)			4.106.4.2.2.1.1 Location. EVCS shall comply with at least one of the
4.	.106.3 GRADING AND PAVING. Construction plans shall indicate how the site grading or drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface			1.The charging space shall be located the California Building Code, Chapter
	water include, but are not limited to, the following:			2.The charging space shall be located Chapter 2, to the building.
	 Water collection and disposal systems French drains Water retention gardens Other water measures which keep surface water away from buildings and aid in groundwater 			Exception: Electric vehicle charging sta Building Code, Chapter 11B, are not re 4.106.4.2.2.1.2, Item 3.
	recharge. Exception: Additions and alterations not altering the drainage path.			4.106.4.2.2.1.2 Electric vehicle charging The charging spaces shall be designed to
4.	106.4 Electric vehicle (EV) charging for new construction. New construction shall comply with Sections 4.106.4.1 or 4.106.4.2 to facilitate future installation and use of EV chargers. Electric vehicle supply			1.The minimum length of each EV space solution and the space solution of each EV space solutions and the space solution of each EV space solutions and the space solutions and the space solutions and the space solutions are solutions are solutions and the space solutions are solutions are solutions are solutions.
	equipment (EVSE) shall be installed in accordance with the <i>California Electrical Code</i> , Article 625. Exceptions: 1. On a case-by-case basis, where the local enforcing agency has determined EV charging and infractructure are not feasible based upon one or more of the following conditions:			3.One in every 25 charging spaces, but n aisle. A 5-foot (1524 mm) wide minimum a
	infrastructure are not feasible based upon one or more of the following conditions: 1.1 Where there is no local utility power supply or the local utility is unable to supply adequate power.			12 feet (3658 mm). a.Surface slope for this EV space and the
	1.2 Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 4.106.4, may adversely impact the construction cost of the project.			percent slope) in any direction. 4.106.4.2.2.1.3 Accessible EV spaces.
	 Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional parking facilities. 			In addition to the requirements in Sections comply with the accessibility provisions for spaces and EVCS in multifamily development 1109A.
	4.106.4.1 New one- and two-family dwellings and townhouses with attached private garages. For each dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or other enclosure in close proximity to the			4.106.4.2.3 EV space requirements. 1.Single EV space required. Install a listed circuit. The raceway shall not be less than t
	proposed location of an EV charger. Raceways are required to be continuous at enclosed, inaccessible or concealed areas and spaces. The service panel and/or subpanel shall provide capacity to install a 40-ampere 208/240-volt minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.			originate at the main service or subpanel an proximity to the location or the proposed loc raceway termination point, receptacle or ch have a 40-ampere minimum dedicated brar
	Exemption: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the proposed location of an EV charger at the time of original construction in accordance with the <i>California Electrical Code</i> .			installed, or space(s) reserved to permit ins Exception: A raceway is not required if a r installed in close proximity to the location
	4.106.4.1.1 Identification. The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".			construction in accordance with the Califo 2.Multiple EV spaces required. Construction location of installed or future EV spaces, re
1				information on amperage of installed or futu electrical load calculations. Plan design sha

AIA

	Y N/A	RESPON. PARTY	Exception: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the location or the proposed location of the EV space at the time of original Y construction in accordance with the California Electrical Code.
vellings, hotels and motels and new residential parking facilities. king spaces for new multifamily dwellings, hotels and motels shall meet the 6.4.2.1 and 4.106.4.2.2. Calculations for spaces shall be rounded up to the nearest			4.106.4.2.4 Identification.
e served by electric vehicle supply equipment or designed as a future EV charging ne standard automobile parking space only for the purpose of complying with any			future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code.
bace requirements established by a local jurisdiction. See Vehicle Code Section 22511.2			4.106.4.2.5 Electric Vehicle Ready Space Signage . Electric vehicle ready spaces shall be identified by signage or pavement markings, in compliance with Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its
opment projects with less than 20 dwelling units; and hotels and motels with less est rooms.			successor(s).
sleeping units or guest rooms shall be based on all buildings on a project site subject to			4.106.4.3 Electric vehicle charging for additions and alterations of parking facilities serving existing multifamily buildings.
percent of the total number of parking spaces on a building site, provided for all types I be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2			When new parking facilities are added, or electrical systems or lighting of existing parking facilities are added or altered and the work requires a building permit, ten (10) percent of the total number of parking spaces added or altered shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 EVSE.
alculations shall demonstrate that the electrical panel service capacity and electrical n-site distribution transformer(s), have sufficient capacity to simultaneously charge all paces at a minimum of 40 amperes.			Notes:
bpanel circuit directory shall identify the overcurrent protective device space(s) reserved			1.Construction documents are intended to demonstrate the project's capability and capacity for facilitating future EV charging.
urposes as "EV CAPABLE" in accordance with the California Electrical Code.			2. There is no requirement for EV spaces to be constructed or available until EV chargers are installed for use.
(Level 2 EVSE) are installed in a number equal to or greater than the required number			
is.			4.201 GENERAL 4.201.1 SCOPE. For the purposes of mandatory energy efficiency standards in this code, the California Energy
(Level 2 EVSE) are installed in a number less than the required number of EV capable per of EV capable spaces required may be reduced by a number equal to the number of alled.			Commission will continue to adopt mandatory standards.
			DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION 4.303 INDOOR WATER USE
ments are intended to demonstrate the project's capability and capacity for facilitating			4.303.1 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the sections 4.303.1.1, 4.303.1.2, 4.303.1.3,
ment for EV spaces to be constructed or available until receptacles for EV charging or			and 4.303.4.4. Note: All noncompliant plumbing fixtures in any residential real property shall be replaced with water-conserving
alled for use. e (25) percent of the total number of parking spaces shall be equipped with low power			plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy, or final permit approval by the local building department. See Civil
e (25) percent of the total number of parking spaces shall be equipped with low power eptacles. For multifamily parking facilities, no more than one receptacle is required per than one parking space is provided for use by a single dwelling unit.			Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and other important enactment dates.
king facilities served by parking lifts.			4.303.1.1 Water Closets. 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
opment projects with 20 or more dwelling units, hotels and motels with 20 or more ns.			Specification for Tank-type Toilets.
sleeping units or guest rooms shall be based on all buildings on a project site subject to			Note : The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.
percent of the total number of parking spaces on a building site, provided for all types I be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2			4.303.1.2 Urinals. The effective flush volume of wall mounted urinals shall not exceed 0.125 gallons per flush. The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush.
alculations shall demonstrate that the electrical panel service capacity and electrical n-site distribution transformer(s), have sufficient capacity to simultaneously charge all			4.303.1.3 Showerheads.
paces at a minimum of 40 amperes. bpanel circuit directory shall identify the overcurrent protective device space(s) reserved			4.303.1.3.1 Single Showerhead. 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 Water Space Spaceficient for Showerheads.
urposes as "EV CAPABLE" in accordance with the California Electrical Code.			WaterSense Specification for Showerheads. 4.303.1.3.2 Multiple showerheads serving one shower. When a shower is served by more than one
chargers (Level 2 EVSE) are installed in a number greater than five (5) percent of ired by Section 4.106.4.2.2, Item 3, the number of EV capable spaces required may be r equal to the number of EV chargers installed over the five (5) percent required.			showerhead, the combined flow rate of all the showerheads 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 only
			allow one shower outlet to be in operation at a time. Note : A hand-held shower shall be considered a showerhead.
nents shall show locations of future EV spaces.			4.303.1.4 Faucets.
ment for EV spaces to be constructed or available until receptacles for EV charging or alled for use.			4.303.1.4.1 Residential Lavatory Faucets. 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
e (25) percent of the total number of parking spaces shall be equipped with low power eptacles. For multifamily parking facilities, no more than one receptacle is required per			not be less than 0.8 gallons per minute at 20 psi.
than one parking space is provided for use by a single dwelling unit.			4.303.1.4.2 Lavatory Faucets in Common and Public Use Areas. The maximum flow rate of lavatory faucets installed in common and public use areas (outside of dwellings or sleeping units) in residential buildings shall not exceed 0.5 gallons per minute at 60 psi.
parking facilities served by parking lifts.) percent of the total number of parking spaces shall be equipped with Level 2 EVSE.			4.303.1.4.3 Metering Faucets. Metering faucets when installed in residential buildings shall not deliver
rking is provided, at least one EV charger shall be located in the common use parking ble for use by all residents or guests.			more than 0.2 gallons per cycle. 4.303.1.4.4 Kitchen Faucets. The maximum flow rate of kitchen faucets shall not exceed 1.8 gallons
2 EV charging receptacles or Level 2 EVSE are installed beyond the minimum required, gement system (ALMS) may be used to reduce the maximum required electrical			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 \Box
served by the ALMS. The electrical system and any on-site distribution transformers acity to deliver at least 3.3 kW simultaneously to each EV charging station (EVCS)			minute at 60 psi.
ne branch circuit shall have a minimum capacity of 40 amperes, and installed EVSE shall ses than 30 amperes. ALMS shall not be used to reduce the minimum required electrical			Note : Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.
EV capable spaces. cle charging stations (EVCS).			4.303.1.4.5 Pre-rinse spray valves. When installed, shall meet the requirements in the <i>California Code of Regulations</i> , Title 20 (Appliance Efficiency Regulations), Sections 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607
ations required by Section 4.106.4.2.2, Item 3, shall comply with Section 4.106.4.2.2.1.			(d)(7) and shall be equipped with an integral automatic shutoff.
e charging stations serving public accommodations, public housing, motels and hotels omply with this section. See California Building Code, Chapter 11B, for applicable			FOR REFERENCE ONLY: The following table and code section have been reprinted from the <i>California Code of Regulations</i> , Title 20 (Appliance Efficiency Regulations),Section 1605.1 (h)(4) and Section 1605.3 (b)(4)(A)
least one of the following entires:			1605.3 (h)(4)(A).
least one of the following options: shall be located adjacent to an accessible parking space meeting the requirements of			TABLE H-2
Code, Chapter 11Å, to allow use of the EV charger from the accessible parking space.			STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY
shall be located on an accessible route, as defined in the California Building Code, ing.			VALUES MANUFACTURED ON OR AFTER JANUARY 28, 2019 PRODUCT CLASS
icle charging stations designed and constructed in compliance with the California r 11B, are not required to comply with Section 4.106.4.2.2.1.1 and Section			PRODUCT CLASS MAXIMUM FLOW RATE (gpm) [spray force in ounce force (ozf)]
hicle charging stations (EVCS) dimensions.			Product Class 1 (≤ 5.0 ozf) 1.00
I be designed to comply with the following:			Product Class 2 (> 5.0 ozf and \leq 8.0 ozf) 1.20 Product Class 3 (> 8.0 ozf) 1.28
each EV space shall be 18 feet (5486 mm). each EV space shall be 9 feet (2743 mm).			Title 20 Section 1605.3 (h)(4)(A): Commercial prerinse spray values manufactured on or after January
ng spaces, but not less than one, shall also have an 8-foot (2438 mm) wide minimum			1, 2006, shall have a minimum spray force of not less than 4.0 ounces-force (ozf)[113 grams-force(gf)] 4.303.2 Submeters for multifamily buildings and dwelling units in mixed-used residential/commercial
wide minimum aisle shall be permitted provided the minimum width of the EV space is			buildings. Submeters shall be installed to measure water usage of individual rental dwelling units in accordance with the
V space and the aisle shall not exceed 1 unit vertical in 48 units horizontal (2.083 ction.			California Plumbing Code.
e EV spaces.			4.303.3 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the <i>California Plumbing Code</i> , and shall meet the applicable standards referenced in Table 1701.1 of the <i>California Plumbing Code</i> .
nts in Sections 4.106.4.2.2.1.1 and 4.106.4.2.2.1.2, all EVSE, when installed, shall y provisions for EV chargers in the California Building Code, Chapter 11B. EV ready amily developments shall comply with California Building Code, Chapter 11A, Section			NOTE:
			THIS TABLE COMPILES THE DATA IN SECTION 4.303.1, AND IS INCLUDED AS A CONVENIENCE FOR THE USER.
i rements. . Install a listed raceway capable of accommodating a 208/240-volt dedicated branch ot be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall			TABLE - MAXIMUM FIXTURE WATER USE
e or subpanel and shall terminate into a listed cabinet, box or enclosure in close the proposed location of the EV space. Construction documents shall identify the			FIXTURE TYPE FLOW RATE SHOWER HEADS (RESIDENTIAL) 1.8 GMP @ 80 PSI
receptacle or charger location, as applicable. The service panel and/ or subpanel shall			
			PSI
ved to permit installation of a branch circuit overcurrent protective device.			LAVATORY FAUCETS IN COMMON & PUBLIC 0.5 GPM @ 60 PSI
ved to permit installation of a branch circuit overcurrent protective device. Not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is I to the location or the proposed location of the EV space, at the time of original			USE AREAS
ved to permit installation of a branch circuit overcurrent protective device. Not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is y to the location or the proposed location of the EV space, at the time of original e with the California Electrical Code. red. Construction documents shall indicate the raceway termination point and the			USE AREAS KITCHEN FAUCETS METERING FAUCETS 0.2 GAL/CYCLE
n dedicated branch circuit, including branch circuit overcurrent protective device ved to permit installation of a branch circuit overcurrent protective device. not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is y to the location or the proposed location of the EV space, at the time of original with the California Electrical Code. red. Construction documents shall indicate the raceway termination point and the e EV spaces, receptacles or EV chargers. Construction documents shall also provide f installed or future receptacles or EVSE, raceway method(s), wiring schematics and Plan design shall be based upon a 40-ampere minimum branch circuit. Required ponents that are planned to be installed underground, enclosed, inaccessible or in			KITCHEN FAUCETS 1.8 GPM @ 60 PSI

RESPON. PARTY	Y Y	COUNTY & VENTURA RESOURCE MANAGEMENT AGENCY RUBEN BARRERA Building and Safety Director
	 taken.¹ Hentify construction methods employed to reduce the amount of construction and demolition waste generated. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both. 4.408.3 WASTE MANAGEMENT COMPANY. Utilize a waste management company. approved by the enforcing agency, which can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with Section 4.408.1. Note: The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company. 4.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR]. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 3.4 lbs: sig. f. of the building area shall meet the minimum 65% construction waste reduction requirement in Section 4.408.1 4.408.4.1 WASTE STREAM REDUCTION ALTERNATIVE, Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 2 pounds per square foot of the building area, shall meet the minimum 65% construction waste reduction requirement in Section 4.408.1 4.408.5 DOCUMENTATION. Documentation shall be provided to the enforcing agency which demonstrates compliance with this section. 4.408.5 DOCUMENTATION ALTERNATIVE (LR). Projects that generate a total combined weight of construction and demolition debins (C & D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle). 4.408.5 DOCUMENTATION ALTERNATIVE (LR). Dispection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in the building the waste discovery (CalRecycle). 4.408.5 DOCUM	STANDARD PLAN FOR STANDARD PLAN FOR ACCESSORY DWELLING UNIT FARMWORKER DWELLING
	 water. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation. Information on required routine maintenance measures, including, but not limited to, caulking, painting, grading around the building, etc. Information about state solar energy and incentive programs available. A copy of all special inspections verifications required by the enforcing agency or this code. Information rom the Department of Forestry and Fire Protection on maintenance of defensible space around residential structures. Information and/or drawings identifying the location of grab bar reinforcements. 4410.2 RECYCLING BY OCCUPANTS. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible area(s) that serves all buildings on the site and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waster, and metals, or meet a lawfully enacted local recycling ordinance, if more restrictive. Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 42649.82 (a)(2)(A) et seq. are note required to comply with the organic waste portion of this section. DIVISION 4.5 ENVIRONMENTAL QUALITY SECTION 4.501 GENERAL 4501.1 Scope The provisions of this chapter shall outline means of reducing the quality of air contaminants that are odorous, irritating and/or harmful to the comfort and well being of a building's installers, occupants and neighbors. SECTION 4.502 DEFINITIONS 5102.1 DEFINITIONS 6112.1 DEFINITIONS 7102.1 DEFINITIONS 7103.2 The following terms are defined in Chapter 2 (and are included here for reference) 7204.2 DEFINITIONS 7207.2 April Fiber Products include weatboard, strawboard, panel substrates and d	SHEET TITLE GREEN BUILDING DATE: 04/20/2023 SCALE: N/A DRAWN BY: COUNTY OF VENTURA APPLICABLE CODE: 2022 VCBC & CRC
	structural panels, structural composite lumber, oriented strand board, glued laminated timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section 93120.1. DIRECT-VENT APPLIANCE. A fuel-burning appliance with a sealed combustion system that draws all air for combustion from the outside atmosphere and discharges all flue gases to the outside atmosphere.	SHEET NO.

IMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

efore Issuance of Ventura County Building Permit and Stamped Approved and Signed by Ventura County Building and Safety

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE California **RESIDENTIAL MANDATORY MEASURES, SHEET 2** (January 2023)

N/A RESPON **MAXIMUM INCREMENTAL REACTIVITY (MIR).** The maximum change in weight of ozone formed by adding a compound to the "Base Reactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to nundredths of a gram (g O³/g ROC). Note: MIR values for individual compounds and hydrocarbon solvents are specified in CCR, Title 17, Sections 94700 and 94701. MOISTURE CONTENT. The weight of the water in wood expressed in percentage of the weight of the oven-dry wood. PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging). Note: PWMIR is calculated according to equations found in CCR, Title 17, Section 94521 (a). REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere. VOC. A volatile organic compound (VOC) broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a). **4.503 FIREPLACES 4.503.1 GENERAL**. 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 local ordinances. 4.504 POLLUTANT CONTROL 4.504.1 COVERING OF DUCT OPENINGS & PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. 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 enforcing agency to reduce the amount of water, dust or debris which may enter the system. 4.504.2 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with this section. 4.504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealant and caulks used on the project shall meet the requirements of the following standards unless more stringent local or regional air pollution or air quality management district rules apply: 1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable or SCAQMD Rule 1168 VOC limits, as shown in Table 4.504.1 or 4.504.2, as applicable. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and tricloroethylene), except for aerosol products, as specified in Subsection 2 below. 2. 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. 4.504.2.2 Paints and Coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits apply. 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 Nonflat-High Gloss VOC limit in Table 4.504.3 shall apply. 4.504.2.3 Aerosol Paints and Coatings. 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. **4.504.2.4 Verification.** Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following: . Manufacturer's product specification. 2. Field verification of on-site product containers. 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 50 150 OUTDOOR CARPET ADHESIVES 100 WOOD FLOORING ADHESIVES 60 RUBBER FLOOR ADHESIVES 50 SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES 65 VCT & ASPHALT TILE ADHESIVES 50 50 DRYWALL & PANEL ADHESIVES 50 COVE BASE ADHESIVES 70 MULTIPURPOSE CONSTRUCTION ADHESIVE 100 STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES 250 50 OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS 510 PVC WELDING 490 CPVC WELDING ABS WELDING 325 250 PLASTIC CEMENT WELDING ADHESIVE PRIMER FOR PLASTIC 550 CONTACT ADHESIVE 80 250 SPECIAL PURPOSE CONTACT ADHESIVE 140 STRUCTURAL WOOD MEMBER ADHESIVE 250 TOP & TRIM ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL 30 PLASTIC FOAMS 50 POROUS MATERIAL (EXCEPT WOOD) 50 30 WOOD 80 FIBERGLASS

> 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.

N/A RESPON PARTY

TABLE 4.504.2 - SEALANT VOC LI	ЛІТ
(Less Water and Less Exempt Compounds in Gr	ams 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	
NON-POROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

COMPOUNDS	GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMP				
COATING CATEGORY	VOC LIMIT				
FLAT COATINGS	50				
NON-FLAT 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 COATINGS1	120				
MAGNESITE CEMENT COATINGS	450				
MASTIC TEXTURE COATINGS	100				
METALLIC PIGMENTED COATINGS	500				
MULTICOLOR COATINGS	250				
PRETREATMENT WASH PRIMERS	420				
PRIMERS, SEALERS, & UNDERCOATERS	100				
REACTIVE PENETRATING SEALERS	350				
RECYCLED COATINGS	250				
ROOF COATINGS	50				
RUST PREVENTATIVE COATINGS	250				
SHELLACS					
CLEAR	730				
OPAQUE	550				
SPECIALTY PRIMERS, SEALERS &	100				
UNDERCOATERS					
STAINS	250				
STONE CONSOLIDANTS	450				
SWIMMING POOL COATINGS	340				
TRAFFIC MARKING COATINGS	100				
TUB & TILE REFINISH COATINGS	420				
WATERPROOFING MEMBRANES	250				
WOOD COATINGS	275				
WOOD PRESERVATIVES	350				
ZINC-RICH PRIMERS	340				
 GRAMS OF VOC PER LITER OF COATING, EXEMPT COMPOUNDS THE SPECIFIED LIMITS REMAIN IN EFFEC ARE LISTED IN SUBSEQUENT COLUMNS IN VALUES IN THIS TABLE ARE DERIVED FR THE CALIFORNIA AIR RESOURCES BOARD, 	CT UNLESS REVISED LIMIT THE TABLE.				

Y N/A RESPON. PARTY						Y N	ESPON
	_г				1		
		TABLE 4.504.5 - FORMALDEH					
	▋						
	I F	PRODUCT HARDWOOD PLYWOOD VENEER COR		0.05			
	Ⅰ ⊢	HARDWOOD PLYWOOD COMPOSITE (0.05			
		PARTICLE BOARD		0.09			
				0.11			
	L L	THIN MEDIUM DENSITY FIBERBOARD2 1. VALUES IN THIS TABLE ARE DERIVI		0.13	J		
		BY THE CALIF. AIR RESOURCES BOAF MEASURE FOR COMPOSITE WOOD AS WITH ASTM E 1333. FOR ADDITIONAL CODE OF REGULATIONS, TITLE 17, SE 93120.12.	RD, AIR TOXIC S TESTED IN A INFORMATIO	CS CONTROL ACCORDANCE DN, SEE CALIF.			
		2. THIN MEDIUM DENSITY FIBERBOAF THICKNESS OF 5/16" (8 MM).	RD HAS A MAX	XIMUM			
	4.504.3 CARPET S Department of Pub from Indoor Source California Specifica	4.5 ENVIRONMENTAL SYSTEMS. All carpet installed in the build blic Health, "Standard Method for the Testir es Using Environmental Chambers," Versio ation 01350) partment of Public Health's website for cert	ling interior sha ng and Evaluati on 1.2, January	all meet the requireme ion of Volatile Organi y 2017 (Emission test	ents of the California c Chemical Emissions		
		a.gov/Programs/CCDPHP/DEODC/EHLB/		·			
	California De Chemical Er	arpet cushion. All carpet cushion installed epartment of Public Health, "Standard Metl nissions from Indoor Sources Using Enviro esting method for California Specification 0	hod for the Tes onmental Charr	sting and Evaluation c	of Volatile Organic		
		ia Department of Public Health's website f			labs.		
		arpet adhesive. All carpet adhesive shall r)4.1.		
	4.504.4 RESILIEN resilient flooring sh	IT FLOORING SYSTEMS. Where resilien all meet the requirements of the California	nt flooring is ins Department of	stalled , at least 80% of f Public Health, "Stan	of floor area receiving dard Method for the		
	Testing and Evaluation	ation of Volatile Organic Chemical Emissio ry 2017 (Emission testing method for Calif	ns from Indoor	Sources Using Envir			
		partment of Public Health's website for cert					
		ca.gov/Programs/CCDPHP/DEODC/EHLB	-				
	composite wood pu formaldehyde as s	ITE WOOD PRODUCTS. Hardwood plywo roducts used on the interior or exterior of th pecified in ARB's Air Toxics Control Measu	he buildings sha ure for Compos	all meet the requirem site Wood (17 CCR 93	ients for		
	by or before the da	ites specified in those sections, as shown i ocumentation. Verification of compliance	in Table 4.504.	5			
	by the enfor	cing agency. Documentation shall include a					
	2. Cl 3. Pr C 4. Ez W 0'	hain of custody certifications. roduct labeled and invoiced as meeting the CR, Title 17, Section 93120, et seq.). xterior grade products marked as meeting /ood Association, the Australian AS/NZS 2 121, CSA 0151, CSA 0153 and CSA 0325 ther methods acceptable to the enforcing a	the PS-1 or PS 269, European standards.	6-2 standards of the E	Engineered		
	4.505 INTERI 4.505.1 General.	OR MOISTURE CONTROL Buildings shall meet or exceed the provision	ons of the <i>Calif</i> e	fornia Building Standa	ards Code.		
	California Building	FE SLAB FOUNDATIONS. Concrete slab Code, Chapter 19, or concrete slab-on-gro tial Code, Chapter 5, shall also comply with	ound floors requ				
	4.505.2.1 Ca following:	apillary break. A capillary break shall be i	installed in corr	npliance with at least	one of the		
	a sł Al 2. O	4-inch (101.6 mm) thick base of 1/2 inch (vapor barrier in direct contact with concrete rrinkage, and curling, shall be used. For a CI 302.2R-06. ther equivalent methods approved by the e slab design specified by a licensed design	e and a concre dditional inform enforcing ageno	ete mix design, which nation, see American	will address bleeding,		
	shall not be installe	E CONTENT OF BUILDING MATERIALS ed. Wall and floor framing shall not be encl Moisture content shall be verified in compli	osed when the	framing members ex			
	1. Moisture	content shall be determined with either a severification methods may be approved by	probe-type or c	contact-type moisture			
	found in 2. Moisture of each 3. At least	Section 101.8 of this code. e readings shall be taken at a point 2 feet (f piece verified. three random moisture readings shall be p ble to the enforcing agency provided at the	610 mm) to 4 fe erformed on wa	eet (1219 mm) from t all and floor framing v	he grade stamped end with documentation		
	Insulation products	which are visibly wet or have a high moist r floor cavities. Wet-applied insulation pro	ture content sh	all be replaced or allo	owed to dry prior to		
	4.506.1 Bathroom following:	R AIR QUALITY AND EXHAUS exhaust fans. Each bathroom shall be n	nechanically ve				
		all be ENERGY STAR compliant and be du unctioning as a component of a whole hou ^y control.					
	ec ac b. A	umidity controls shall be capable of adjustr qual to 50% to a maximum of 80%. A hum djustment. humidity control may be a separate compo tegral (i.e., built-in)	idity control ma	ay utilize manual or a	utomatic means of		
	tu	or the purposes of this section, a bathroom b/shower combination. ghting integral to bathroom exhaust fans s					
	4.507.2 HEATING	ONMENTAL COMFORT AND AIR-CONDITIONING SYSTEM DES and have their equipment selected using the	GIGN. Heating following meth	and air conditioning s nods:	systems shall be		
	1. The heat Load Ca 2. Duct sys ASHRAI 3. Select he	t loss and heat gain is established accordir lculation), ASHRAE handbooks or other ed stems are sized according to ANSI/ACCA 1 E handbooks or other equivalent design so eating and cooling equipment according to ent Selection), or other equivalent design s	ng to ANSI/AC0 quivalent desig 1 Manual D - 20 ftware or meth 9 ANSI/ACCA 3	CA 2 Manual J - 2011 In software or method 014 (Residential Duct lods. 3 Manual S - 2014 (Re	ls. Systems),		
		Use of alternate design temperatures nec			ns are		

Y = YES N/A = NOT APPLICABLE RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)	RESOURCE MANAGEMENT AGENCY RUBEN BARRERA Building and Safety Director
CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS	
 Provide the provide the provide inspection of the theorem of the endocrimation of the proper inspection of the p	
 shall be closely related to the primary job function, as determined by the local agency. Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 	
DASING EXPRISIONATION 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 detode social inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.	-ANDARD PLAN FOR SSORY DWELLING UNIT MWORKER DWELLING

COUNTY APPROVAL

GREEN

BUILDING

NOTES

DRAWN BY: COUNTY OF VENTURA

APPLICABLE CODE: 2022 VCBC & CRC

GB2

SHEET TITLE

DATE: 04/20/2023

SCALE: N/A

SHEET NO.

1	L RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.
1	RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT INCLUDING VERIEICATION WITH THE FULL CODE

Building Permit Set - Not for Construction Before Issuance of Ventura County Building Permit and Stamped Approved and Signed by Ventura County Building and Safety