



THE PINE SHED - ADU 650

DRAWING INDEX	
A0.0 TITLE SHEET A0.1 GENERAL NOTES A0.2 STRUCTURAL NOTES A0.3 UTILITY NOTES A0.4 CALGREEN CHECKLIST A0.5 CALGREEN CHECKLIST A1.0 FLOOR & ROOF PLANS A1.1 CEILING AND ELECTRICAL PLAN A2.0 STRUCTURAL PLANS - 50 LB A2.1 STRUCTURAL PLANS - 70 LB A3.0 ELEVATIONS / SECTIONS A1.0M FLOOR & ROOF PLANS - MIRRORED A1.1M CEILING AND ELECTRICAL PLAN - MIRRORED A2.00 STRUCTURAL PLANS - 50 LB - MIRRORED A1.1M CEILING AND ELECTRICAL PLAN - MIRRORED A2.0M STRUCTURAL PLANS - 50 LB - MIRRORED A2.0M STRUCTURAL PLANS - 50 LB - MIRRORED A3.0M ELEVATIONS / SECTIONS - MIRRORED A3.0M ELEVATIONS / SECTIONS - MIRRORED A4.2 STRUCTURAL PLANS - 70 LB - MIRRORED A5.1 TYP FOUNDATION DETAILS A5.1 TYP FRAMING DETAILS A5.1 TYP FRAMING DETAILS A5.1 ARCHITECTURAL DETAILS A5.1 ARCHITECTURAL DETAILS A5.1 <t< th=""><th><image/></th></t<>	<image/>
AREA CALCULATION	OF CALLE
NEW CONDITIONED FLOOR AREA: 650 SF	// ISSUED REVISION # DATE DESCRIPTION
DESIGN CRITERIA: DOES AND STANDARDS: 2022 CALIFORNIA RESIDENTIAL BUILDING CODE (CRC), BASED ON THE 2021 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE (2021 IRC), ASCE 7. NAND 2022 CALIFORNIA RESIDENTIAL BUILDING CODE (CRC), BASED ON THE 2021 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE (2021 IRC), ASCE 7. NAND 2022 CALIFORNIA ELECTRICAL CODE (CPC) 2022 CALIFORNIA BUILDING STANDARDS CODE (CPC) 2022 CALIFORNIA BUILDING STANDARDS CODE (CPC) 2022 CALIFORNIA FIRE CODE (CPC) <th>// COPYRIGHTS COPYRIGHT 2023 RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO. THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW. // PROJECT NO</th>	// COPYRIGHTS COPYRIGHT 2023 RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO. THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW. // PROJECT NO
 DESIGN DATA:	THE PINE SHED 650
OPTION 1: ROOKSNOW LOAD = 50 PSF ROOF DEAD LOAD = 20 PSF EXTERIOR WALL DEAD LOAD = 8-15 PSF OPTION 2.	
ROOF SNOW LOAD = 70 PSF ROOF DEAD LOAD = 20 PSF EXTERIOR WALL DEAD LOAD = 8-15 PSF 2. SEISMIC DESIGN CATEGORY 3. WIND SPEED - 95 MPH EXPOSURE "C" 4. SOILS: ALLOWABLE SOIL BEARING PRESSURE	// CLIENT
	// MANAGEMENT PROJECT NO: DRAWN BY: Author CHECKED BY: Checker ISSUE DATE: 9/14/2023 1:12:29 PM COPYRIGHT: RAD STUDIO 2019
	// SHEET TITLE
SEPARATE PERMITS 1. FIRE SPRINKLERS.	TITLE SHEET
	// SHEET NO.
	A0.0

WILDLAND URBAN INTERFACE

RESIDENCE SHALL COMPLY WITH NEW CONSTRUCTION REQUIREMENTS FOR THE FOLLOWING CHAPTERS OF THE 2022 CALIFORNIA BUILDING CODE:

CHAPTER 7A MATERIALS AND CONSTRUCTION METHODS FOR EXTERIOR WILDFIRF EXPOSURE CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES.

NOTE

PRIOR TO BUILDING PERMIT FINAL APPROVAL, THE PROPERTY SHALL BE IN COMPLIANCE WITH THE VEGETATION MANAGEMENT REQUIREMENTS PRESCRIBED IN CALIFORNIA FIRE CODE SECTION 4906, INCLUDING CALIFORNIA PUBLIC RESOURCES CODE 4291 OR CALIFORNIA GOVERNMENT CODE SECTION 51182. ROOFS

FIRE SPRINKLERS SHALL BE PROVIDED - UNLESS THIS IS AN ADU AND PRIMARY RESIDENCE ON PROPERTY DOES NOT HAVE FIRE SPRINKLERS.

WHERE THE ROOF COVERING ALLOWS SPACE BETWEEN THE ROOF COVERING AND ROOF DECKING THE SPACES SHALL BE CONSTRUCTED TO PREVENT THE INTRUSION OF FLAMES AND EMBERS.

3. ROOF VALLEY FLASHINGS WHERE PROVIDED SHALL NOT BE LESS THEN 0.019 in. NO. 26 GA. GALV. CORROSION- RESISTANT SHEET MTL. OVER A MIN. 36" WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF 72 POUND MINERAL-SURFACED NONPERFORATED CAP SHEET COMPLYING WITH ASTM D3909 RUNNING THE FULL LENGHT OF THE VALLEY INSTALLED OVER THE DECKING.

4. ROOF GUTTERS SHALL BE PROVIDED WITH THE MEANS TO PREVENT ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER AND BE OF NON-COMBUSTIBLE MATERIAL.

EAVE OR CORNICE VENTS SHALL NOT BE INSTALLED UNLESS THEY ARE RATED AND APPROVED TO RESIST THE INTRUSION OF FLAME AND BURNING EMBERS INTO THE ATTIC AREA OF THE BUILDING.

EAVES AND SOFFITS SHALL BE PROTECTED BY IGNITION-RESISTANT MATERIALS OR NONCOMBUSTIBLE ON THE UNDERSIDE.

7. GABLE END AND OTHER ROOF MOUNTED VENTS SHALL HAVE 1/8" MAX OPENINGS AND LOUVERED OR BE SCREENED WITH NON-COMBUSTIBLE WIRE MESH W/ 1/8" MAX. OPENINGS AND BE LOUVERED.

8. ROOFS SHALL HAVE A ROOFING ASSEMBLY INSTALLED IN ACCORDANCE WITH ITS LISTING AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. <u>roofs</u>

9. VENTING SHALL NOT BE LOCATED ON THE DOWNHILL SIDE OF THE STRUCTURE WHEN CRC VENTING REGULATIONS CAN BE MET WITHOUT INSTALLATION OF DOWNHILL VENTING. WHEN ATTIC AND UNDERFLOOR VENTS ARE NECESSARY ON BUILDINGS, THEY SAHLL BE LOUVERED AND SCREENDED WITH 1/4"-INCH METAL MESH TO PREVENT ENTRY OF SPARKS OR BURNING EMBERS. TURBINE ATTIC VENTS SHALL BE EQUIPPED TO ALLOW ONE WAY DIRECTION ONLY

WALLS

EXTERIOR WALLS SHALL BE APPROVED NONCOMBUSTIBLE IGNITION-RESISTANT MATERIAL EXTENDING FROM THE TOP OF THE FOUNDATION TO THE ROOF AND TERMINATE AT A 2" NOMINAL SOLID WOOD BLOCKING BETWEEN ROOF FRAMING AT ALL ROOF OVERHANGS, OR AT THE ENCLOSED EAVE.

 ACCEPTABLE WOOD SIDING SHALL MEET THE FOLLOWING STANDARDS: SOLID-SAWN "WOOD" SIDING WITH NO THROUGH HOLES OR LOOSE KNOTS, INSTALLED OVER STRUCTURAL PLYWOOD OR ORIENTED STRAND BOARD (OSB) WITH A 7/16" MINIMUM THICKNESS AND COMPLYING WITH VOLUNTARY PRODUCT STANDARD PS1 OR VOLUNTARY PRODUCT STANDARD PS2, WITH THE FOLLOWING INTERLOCKING DESIGNS WHEN INSTALLED IN ACCORDANCE WITH INDUSTRIAL TECHNICAL GUIDE, REFER TO MANUFACTURER'S INSTALLATIONS FOR DETAILS, 1, TONGUED & GROOVED, SHIPLAP, CHANNEL SHIPLAP, V SHIPLAP, LOG CABIN: WHEN APPLIED IN A HORIZONTAL ORIENTATION WITH MINIMUM NOMINAL 6" WIDE AND NOMINAL 1" THICK BOARDS MADE OF WOOD SPECIES "REDWOOD", "WESTERN RED CEDAR", "INCENSE CEDAR", "PORT ORFORD CEDAR", "ALASKA YELLOW CEDAR", "PONDEROSA PINE", "DOUGLAS FIR", "WHITE FIR", AND vestern spruce

OR OTHER WOOD SPECIES HAVING A FLAME SPREAD RATING NOT GREATER THAN 150 (CLASS C) WHEN TESTED 19 IN ACCORDANCE WITH ASTM E84.3. R337.7.3.1 EXTERIOR WALL COVERINGS SHALL EXTEND FROM THE TOP OF THE FOUNDATION TO THE ROOF, AND TERMINATE AT 2-INCH NOMINALSOLID WOOD BLOCKING BETWEEN RAFTERS AT ALL ROOF OVERHANGS, OR IN THE CASE OF ENCLOSED EAVES, TERMINATE AT THE ENCLOSURE.

WINDOWS & DOORS

EXTERIOR WINDOWS, WINDOW WALLS, GLAZED DOORS, AND GLAZED OPENINGS WITH EXTERIOR DOORS SHALL BE INSULATED GLASS UNITS WITH A MIN. OF 1 TEMP. PANE, EITHER IN OR OUT, OR GLASS BLOCKS, OR HAVE A FIRE RESISTIVE RATION OF NOT LESS THAN 20 MIN., OR AS APPROVED BY THE CITY OF REDDING BUILDING OR FIRE DIVISION. GLAZING FRAMES MADE OF VYNL MATERIALS SHALL HAVE A WELDED CORNER, METAL REINFORCED IN THE INTERLOCK AREA AND DISPLAY ANSI/AAMA/NWWD.

EXTERIOR DOORS SHALL BE OF APPROVED NON-COMBUSTIBLE CONSTRUCTION, OR SOLID CORE HAVING STYLES AND RAILS NOT LESS THAN 13/8" THICK WITH INTERIOR FIELD PANEL THICKNESS NO LESS THAN 11/4" THICK, OR HAVE A 20 MIN. FIRE-RESISTIVE RATING WHEN TESTED ACCORDING TO ASTM E 2074.

GARAGE DOOR TO BE NONCOMBUSTIBLE OR EXTERIOR FIRE TREATED WOOD.

PROJECTIONS & DECKS

1. ANY PROJECTION INCLUDING, BUT NOT LIMITED TO EAVES, BALCONIES, AND PATIO COVERINGS SHALL BE ENCLOSED ON THE EXTERIOR SIDES AND/ OR UNDERSIDE WITH MATERIALS APPROVED FOR 1-HR FIRE-RESISTIVE CONSTRUCTION TO PREVENT HEAT FROM EXTERIOR FIRES FROM BEING TRAPPED UNDERNEATH THE PROJECTION.

DECKING SURFACES, STAIR TREADS, RISERS, & LANDINGS OF DECKS, PORCHES, AND BALCONIES WHERE ANY SUCH PROTION OF SUCH SURFACE IS WITHIN 10 FEET OF THE PRIMARY STRUCTURE SHALL BE CONSTRUCTED OF IGNITION RESISTANT MATERIALS AND PASS REQUIRED PERFORMANCE TESTS OR SHALL BE CONSTRUCTED WITH HEAVY TIMBER, EXTERIOR FIRE RETARDANT TREATED WOOD OR APPROVED NON COMBUSTIBLE MATERIAL, 1

3. THE UNDERSIDE OF CANTILEVERED AND OVERHANGING APPENDAGES AND FLOOR PROJECTIONS SHALL MAINTAIN IGNITION RESISTANT INTEGRITY OF EXTERIOR WALLS

4. STRUCTURES CONSTRUCTED IN SUCH A MANNER THAT THEY ARE SUSPENDED ON PIERS OR PILINGS OVER HILLSIDES SHALL BE OF NONCOMBUSTIBLE CONSTRUCTION, BUILDINGS SHALL HAVE UNDERFLOOR AREAS ENCLOSED TO THE GRADE, UNLESS ALL EXPOSED FLOORS, STRUCTURAL COLUMNS, BEAMS AND SUPPORTING WALLS ARE PROTECTED AS REQUIRED WITH EXTERIOR INGNITION-RESISTANT MATERAIL CONSTRUCTION OR BE HEAVY TIMBER AS TO PREVENT THE UNDERSIDE OF THE STRUCTURE FROM BEING SUBJECT TO HEAT OR FLAME FROM THE HILLSIDE BELOW.

R703.1.1 WATER RESISTANCE:

THE EXTERIOR WALL ENVELOPE SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT PREVENTS THE ACCUMULATION OF WATER WITHIN THE WALL ASSEMBLY BY PROVIDING A WATER-RESISTANT BARRIER BEHIND THE EXTERIOR VENEER AS REQUIRED BY SECTION R703.2 AND A MEANS OF DRAINING TO THE EXTERIOR WATER THAT ENTERS THE ASSEMBLY. PROTECTION AGAINST CONDENSATION IN THE EXTERIOR WALL ASSEMBLY SHALL BE PROVIDED IN ACCORDANCE WITH THE CALIFORNIA ENERGY CODE.

R703.2 WATER-RESISTIVE BARRIER:

ONE LAYER OF NO. 15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING WITH ASTM D226 FOR TYPE 1 FELT OR OTHER APPROVED WATER-RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS. SUCH FELT OR MATERIAL SHALL BE APPLIED HORIZONTALLY, WITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES (51 MM). WHERE JOINTS OCCUR, FELT SHALL BE LAPPED NOT LESS THAN 6 INCHES (152 MM). THE FELT OR OTHER APPROVED MATERIAL SHALL BE CONTINUOUS TO THE TOP OF WALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTERIOR WALL ENVELOPE AS DESCRIBED IN SECTION R703.1. THE WATER-RESISTIVE BARRIER IS NOT REQUIRED FOR DETACHED ACCESSORY BUILDINGS.

THE NOMINAL THICKNESS AND ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE IN ACCORDANCE WITH TABLE R703.3(1), THE WALL COVERING MATERIAL REQUIREMENTS OF THIS SECTION, AND THE WALL COVERING MANUFACTURER'S INSTALLATION INSTRUCTIONS. CLADDING ATTACHMENT OVER FOAM SHEATHING SHALL COMPLY WITH THE ADDITIONAL REQUIREMENTS AND LIMITATIONS OF SECTIONS R703.15 THROUGH R703.17. NOMINAL MATERIAL THICKNESSES IN TABLE R703.3(1) ARE BASED ON A MAXIMUM STUD SPACING OF 16 INCHES (406 MM) ON CENTER. WHERE SPECIFIED BY THE SIDING MANUFACTURER'S INSTRUCTIONS AND SUPPORTED BY A TEST REPORT OR OTHER DOCUMENTATION, ATTACHMENT TO STUDS WITH GREATER SPACING IS PERMITTED. FASTENERS FOR EXTERIOR WALL COVERINGS ATTACHED TO WOOD FRAMING SHALL BE IN ACCORDANCE WITH SECTION R703.3.2 AND TABLE R703.3(1). EXTERIOR WALL COVERINGS SHALL BE ATTACHED TO COLD-FORMED STEEL LIGHT FRAME CONSTRUCTION IN ACCORDANCE WITH THE CLADDING MANUFACTURER'S INSTALLATION INSTRUCTIONS, THE REQUIREMENTS OF TABLE R703.3(1) USING SCREW FASTENERS SUBSTITUTED FOR THE NAILS SPECIFIED IN ACCORDANCE WITH TABLE R703.3(2), OR AN APPROVED DESIGN.

R703.5.1 VERTICAL WOOD SIDING:

WOOD SIDING APPLIED VERTICALLY SHALL BE NAILED TO HORIZONTAL NAILING STRIPS OR BLOCKING SET NOT MORE THAN 24 INCHES (610 MM) ON CENTER.

R703.5.2 PANEL SIDING:

OVER SHEATHING APPROVED FOR THAT STUD SPACING. JOINTS IN WOOD,

R703.5.3 HORIZONTAL WOOD SIDING:

HORIZONTAL LAP SIDING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHERE THERE ARE NO RECOMMENDATIONS THE SIDING SHALL BE LAPPED NOT LESS THAN 1 INCH (25 MM), OR 1/2 INCH (12.7 MM) IF RABBETED, AND SHALL HAVE THE ENDS CAULKED COVERED WITH A BATTEN OR SEALED AND INSTALLED OVER A STRIP OF FLASHING.

R703.7.2 PLASTER

PLASTERING WITH PORTLAND CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHERE APPLIED OVER METAL LATH OR WIRE LATH AND SHALL BE NOT LESS THAN TWO COATS WHERE APPLIED OVER MASONRY, CONCRETE, PRESSURE-PRESERVATIVE-TREATED WOOD OR DECAY-RESISTANT WOOD AS SPECIFIED IN SECTION R317.1 OR GYPSUM BACKING. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH IN TABLE R702.1(1).

ON WOOD-FRAME CONSTRUCTION WITH AN ON-GRADE FLOOR SLAB SYSTEM, EXTERIOR PLASTER SHALL BE APPLIED TO COVER, BUT NOT EXTEND BELOW, LATH, PAPER AND SCREED.

FORTH IN TABLE R702.1(3).

R703.7.2.1 WEEP SCREEDS A MINIMUM 0.019-INCH (0.5 MM) (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 31/2 INCHES (89 MM) SHALL BE PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C926. THE WEEP SCREED SHALL BE PLACED NOT LESS THAN 4 INCHES (102 MM) ABOVE THE EARTH OR 2 INCHES (51 MM) ABOVE PAVED AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO

THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED. R703.7.3 WATER-RESISTIVE BARRIERS

WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION R703.2 AND, WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING (INSTALLED IN ACCORDANCE WITH SECTION R703.4) INTENDED TO DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS.

DRAINAGE SPACE.

EXTERIOR FACING NOTES

NOTE: ALL EXTERIOR FACIING NOTES LISTED BELOW ARE REFERENCE TO THE CALIFORNIA RESIDENTIAL CODE ONLY, AND MAY NOT APPLY TO OTHER AREAS THE STRUCTURE MAY BE BUILT. VERIFY EXTERIOR FACING ASSEMBLIES AND REQUIREMENTS WITH LOCAL CODES AND ORDINANCES.

R703.3 NOMINAL THICKNESS AND ATTACHMENTS:

3/8-INCH (9.5 MM) WOOD STRUCTURAL PANEL SIDING SHALL NOT BE APPLIED DIRECTLY TO STUDS SPACED MORE THAN 16 INCHES (406 MM) ON CENTER WHERE LONG DIMENSION IS PARALLEL TO STUDS. WOOD STRUCTURAL PANEL SIDING 7/16 INCH (11.1 MM) OR THINNER SHALL NOT BE APPLIED DIRECTLY TO STUDS SPACED MORE THAN 24 INCHES (610 MM) ON CENTER. THE STUD SPACING SHALL NOT EXCEED THE PANEL SPAN RATING PROVIDED BY THE MANUFACTURER UNLESS THE PANELS ARE INSTALLED WITH THE FACE GRAIN PERPENDICULAR TO THE STUDS OR

HARDBOARD OR WOOD STRUCTURAL PANEL SIDING SHALL BE MADE AS FOLLOWS UNLESS OTHERWISE APPROVED. VERTICAL JOINTS IN PANEL SIDING SHALL OCCUR OVER FRAMING MEMBERS, UNLESS WOOD OR WOOD STRUCTURAL PANEL SHEATHING IS USED, AND SHALL BE SHIPLAPPED OR COVERED WITH A BATTEN. HORIZONTAL JOINTS IN PANEL SIDING SHALL BE LAPPED NOT LESS THAN 1 INCH (25 MM) OR SHALL BE SHIPLAPPED OR FLASHED WITH Z-FLASHING AND OCCUR OVER SOLID BLOCKING, WOOD OR WOOD STRUCTURAL PANEL SHEATHING.

THE PROPORTION OF AGGREGATE TO CEMENTITIOUS MATERIALS SHALL BE AS SET

EXCEPTION: WHERE THE WATER-RESISTIVE BARRIER THAT IS APPLIED OVER WOOD-BASED SHEATHING HAS A WATER RESISTANCE EQUAL TO OR GREATER THAN THAT OF 60-MINUTE GRADE D PAPER AND IS SEPARATED FROM THE STUCCO BY AN INTERVENING, SUBSTANTIALLY NONWATER-ABSORBING LAYER OR DESIGNED

ROOF FLASHING NOTES

1.ROOFING ASSEMBLY IS TO BE CLASS 'A'.

2.ALL ROOF OVERHANGS TO BE 2'-0" UNLESS NOTED OTHERWISE.

3. PROVIDE CONTINUOUS GUTTER WHERE OCCURS, WITH DOWNSPOUTS AS NOTED

4. FLASHINGS SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS, WHEREVER THERE IS A CHANGE IN ROOF SLOPE OR DIRECTION AND AROUND ROOF OPENINGS. WHERE FLASHING IS OF METAL, THE METAL SHALL BE CORROSION RESISTANT WITH A THICKNESS OF NOT LESS THAN 0.019 INCH (0.5 MM) (NO. 26 GALVANIZED SHEET). R903.2.1

5. FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES (51 MM), FASTENED SUFFICIENTLY TO HOLD IN PLACE. DISTORTIONS IN THE UNDERLAYMENT SHALL NOT INTERFERE WITH THE ABILITY OF THE ROOF MATERIAL TO SEAL. END LAPS SHALL BE OFFSET BY 6 FEET (1829 MM). DESIGNER SHALL SPECIFY UNDERLAYMENT FOR ROOF SLOPES LESS THAN 4:12

6. A TURN OUT OR KICK OUT FLASHING SHALL BE INSTALLED TO DIVERT THE WATER AWAY FROM WHERE THE EAVE OF A SLOPED ROOF INTERSECTS A VERTICAL SIDEWALL.R903.2.1

ROOF DECKS SHALL BE COVERED WITH APPROVED ROOF COVERINGS SECURED TO THE BUILDING OR STRUCTURE IN ACCORDANCE WITH THE PROVISIONS OF THIS CHAPTER. ROOF ASSEMBLIES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THIS CODE AND THE APPROVED MANUFACTURER'S INSTRUCTIONS SUCH THAT THE ROOF ASSEMBLY SHALL SERVE TO PROTECT THE BUILDING OR STRUCTURE. R903.2

FLASHINGS SHALL BE INSTALLED IN A MANNER THAT PREVENTS MOISTURE FROM ENTERING THE WALL AND ROOF THROUGH JOINTS IN COPINGS, THROUGH MOISTURE PERMEABLE MATE-RIALS AND AT INTERSECTIONS WITH PARAPET WALLS AND OTHER PENETRATIONS THROUGH THE ROOF PLANE. R903.2

FLASHINGS SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS. WHEREVER THERE IS A CHANGE IN ROOF SLOPE OR DIRECTION AND AROUND ROOF OPENINGS. A FLASHING SHALL BE INSTALLED TO DIVERT THE WATER AWAY FROM WHERE THE EAVE OF A SLOPED ROOF INTERSECTS A VERTICAL SIDEWALL. WHERE FLASHING IS OF METAL, THE METAL SHALL BE CORROSION RESISTANT WITH A THICKNESS OF NOT LESS THAN 0.019 INCH (0.5 MM) (NO. 26 GALVANIZED SHEET). R903.2.1

10. ROOF COVERINGS SHALL BE APPLIED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THIS SECTION AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. UNLESS OTHERWISE SPECIFIED IN THIS SECTION, ROOF COVERINGS SHALL BE INSTALLED TO RESIST THE COMPONENT AND CLADDING LOADS SPECIFIED IN TABLE R301.2(2), ADJUSTED FOR HEIGHT AND EXPOSURE IN ACCORDANCE WITH TABLE R301.2(3).

11. UNDERLAYMENT FOR ASPHALT SHIN-GLES, CLAY AND CONCRETE TILE, METAL ROOF SHINGLES, MINERAL-SURFACED ROLL ROOFING, SLATE AND SLATE-TYPE SHINGLES, WOOD SHINGLES, WOOD SHAKES AND METAL ROOF PANELS SHALL CONFORM TO THE APPLICABLE STANDARDS LISTED IN THIS CHAPTER. UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1(1). UNDERLAYMENT SHALL BE APPLIED IN ACCORDANCE WITH TABLE R905.1.1(2). UNDERLAYMENT SHALL BE ATTACHED IN ACCORDANCE WITH TABLE R905.1.1(3). R905.1.1

12. ASPHALT SHINGLES SHALL COMPLY WITH ASTM D3462. R905.2.4 SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS. THE INSTALLATION OF ASPHALT SHINGLES SHALL COMPLY WITH THE PROVISIONS OF SECTION 905.2.

13. FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED STEEL STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12-GAGE [0.105 INCH (3 MM)] SHANK WITH A MINIMUM 3/8-INCH-DIAMETER (9.5 MM) HEAD, COMPLYING WITH ASTM F1667, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND NOT LESS THAN 3/4 INCH (19.1 MM) INTO THE ROOF SHEATHING. WHERE THE ROOF SHEATHING IS LESS THAN 3/4 INCH (19.1 MM) THICK, THE FASTENERS SHALL PENETRATE THROUGH THE SHEATHING. R905.2.5

ASPHALT SHINGLES SHALL HAVE THE MINIMUM NUMBER OF FASTENERS REQUIRED BY THE MANUFACTURER, BUT NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. R905.2.6

15. BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANU-FACTURER'S INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT METAL OF MINIMUM NOMINAL 0.019-INCH (0.5 MM) THICKNESS OR MINERAL-SURFACED ROLL ROOFING WEIGHING NOT LESS THAN 77 POUNDS PER 100 SQUARE FEET (4 KG/M2). CAP FLASHING SHALL BE CORROSION-RESISTANT METAL OF MINIMUM NOMINAL 0.019-INCH (0.5 MM) THICKNESS.

16. VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS BEFORE APPLYING SHINGLES. OTHER VALLEY LININGS PERMITTED PER R905.2.8.2

17. BASE FLASHING AGAINST A VERTICAL SIDEWALL SHALL BE CONTINUOUS OR STEP FLASHING AND SHALL BE NOT LESS THAN 4 INCHES (102 MM) IN HEIGHT AND 4 INCHES (102 MM) IN WIDTH AND SHALL DIRECT WATER AWAY FROM THE VERTICAL SIDEWALL ONTO THE ROOF OR INTO THE GUTTER. FOR SIDING, VENEER. PLASTER OR AHERED VENEER INSTALL FLASHING AND COUNTERFLASHING PER R905.2.8.

18. FLASHING AGAINST A VERTICAL FRONT WALL, AS WELL AS SOIL STACK, VENT PIPE AND CHIMNEY FLASHING, SHALL BE APPLIED IN ACCORDANCE WITH THE ASPHALT SHINGLE MANUFACTURER'S PRINTED INSTRUCTIONS.

19. A DRIP EDGE SHALL BE PROVIDED AT EAVES AND RAKE EDGES OF SHINGLE ROOFS. ADJACENT SEGMENTS OF DRIP EDGE SHALL BE OVERLAPPED NOT LESS THAN 2 INCHES (51MM). DRIP EDGES SHALL EXTEND NOT LESS THAN 1/4 INCH (6.4 BELOW THE ROOF SHEATHING AND EXTEND UP BACK ONTO THE ROOF DECK NOT LESS THAN 2 INCHES (51 MM). DRIP EDGES SHALL BE MECHANICALLY FASTENED TO THE ROOF DECK AT NOT MORE THAN 12 INCHES (305 MM) O.C. WITH FASTENERS AS SPEC-IFIED IN SECTION R905.2.5. UNDERLAYMENT SHALL BE INSTALLED OVER THE DRIP EDGE ALONG EAVES AND UNDER THE DRIP EDGE ALONG RAKE EDGES. R905.2.8.5

DUCT SYSTEM SPECIFIES BUIRIED DUCTS

20. SEE ENGINEERING GENERAL NOTES FOR ROOF STRUCTURAL INFORMATION.

21. REFER TO WILDLAND URBAN INTERFACE NOTES.

FINISH SUGGESTIONS

1. DRIVEWAYS AND PATIOS: CONCRETE WITH SALT ROCK FINISH, SCORE LINES AT 2'-0" SQUARE.

5. ROOF:

ALTERNATIVE BID 1: STANDING SEAM METAL ROOF - CHARCOAL ALTERNATIVE BID 2: PVC MEMBRANE ROOF 'COOL ROOF' - WHITE FASCIA: PER ELEVATIONS AND DETAILS - PAINT CAP FLASHING (IF APPLIES): PAINT GUTTER: 5" SQUARE, U.N.O. - PAINT TO MATCH FASCIA DOWNSPOUTS: ROUND, GALVANIZED

6. WINDOWS & DOORS: FIBERGLASS - BLACK FRAMES

7. INTERIOR FINISHES:

WALLS:

1/2" GYPSUM BOARD, IMPERFECT SMOOTH FINISH TEXTURE

<u>CEILINGS:</u>

1/2" GYPSUM BOARD, IMPERFECT SMOOTH FINISH PRIMARY: TONGUE & GROOVE CEDAR PLANK PER PLANS ACCENT:

5 1/4" SQUARE EDGE, PAINT 8. BASE:

PAINTS, SEALANTS & FINISHES

BARRIER OR SPECIFY INSULATION NOT REQUIRING PROTECTION

2. FLAME SPREAD AND SMOKE DEVELOPED INDEX FOR INSULATION SHALL BE IN ACCORDANCE WITH SECTIONS R302.10.1 THROUGH R302.10.5. 3. WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX OF NOT GREATER THAN 200.FLAME SPREAD INDEX REQUIREMENTS FOR FINISHES SHALL NOT APPLY TO TRIM DEFINED AS PICTURE MOLDS, CHAIR RAILS, BASEBOARDS AND HANDRAILS; TO DOORS AND WINDOWS OR THEIR FRAMES; OR TO MATERIALS THAT ARE LESS THAN 1/28 INCH (0.91 MM) IN THICKNESS CEMENTED TO THE SURFACE OF WALLS OR CEILINGS IF THESE MATERIALS EXHIBIT FLAME SPREAD INDEX VALUES NO GREATER THAN THOSE OF PAPER OF THIS THICKNESS CEMENTED TO A NONCOMBUSTIBLE BACKING.

4. WALL AND CEILING FINISHES SHALL HAVE A SMOKE-DEVELOPED INDEX OF NOT GREATER THAN 450.

5. ADHESIVES, SEALANTS AND CAULKS SHALL BE COMPLIANT WITH VOC AND OTHER TOXIC COMPOUND LIMITS. (GBC SECTION 4.504.2.1). PAINTS, STAINS, AND OTHER COATINGS SHALL BE COMPLIANT WITH VOC LIMITS. (GBC SECTION 4.504.2.2)

6. AEROSOL PAINTS AND COATING SHALL BE COMPLIANT WITH PRODUCT WEIGHTED MIR LIMITS FOR ROC AND OTHER TOXIC COMPOUNDS. (GBC SECTION 4.504.2.3)

7. CARPET AND CARPET SYSTEMS SHALL BE COMPLIANT WITH VOC LIMITS. (GBC SECTION 4.504.3)

8. PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF) AND HARDWOOD PLYWOOD USED IN INTERIOR FINISH SYSTEMS SHALL COMPLY WITH LOW FORMALDEHYDE EMISSION STANDARDS. (GBC SECTION 4.504.5)

9. BATHTUB & SHOWER COMPARTMENTS SHALL HAVE A NONABSORBENT SURFACE EXTENDING 72" ABOVE THE FLOOR INSTALLED OVER A MOISTURE RESISTANT UNDERLAYMENT (GLASS MAT GYPSUM BACKER OR FIBER CEMENT. CRC R307.2 & R702.3.8

GENERAL NOTES

- SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COORDINATION OF THEIR WORK WITH THE WORK OF OTHERS. SUBCONTRACTORS SHALL VERIFY THAT ANY WORK RELATED TO THEM, WHICH MUST BE PROVIDED BY OTHERS, HAS BEEN COMPLETED AND IS ADEQUATE PRIOR TO COMMENCING THEIR WORK.
- THESE DRAWINGS AND SPECIFICATIONS ARE DIVIDED INTO SECTIONS FOR CONVENIENCE ONLY. CONTRACTORS, SUBCONTRACTORS AND MATERIAL SUPPLIERS SHALL REFER TO ALL RELEVANT SECTIONS IN BIDDING AND PERFORMING THEIR WORK, AND SHALL BE RESPONSIBLE FOR ALL ASPECTS OF THE WORK REGARDLESS OF WHERE THE INFORMATION OCCURS IN THE DRAWINGS.
- ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. DIMENSIONS ARE TO FACE OF STUDS OR SLAB UNLESS NOTED OTHERWISE ON DRAWINGS. DO NOT SCALE DRAWINGS. DIMENSIONS NOTED AS "CLEAR" (CLR) ARE TAKEN TO THE FACE OF FINISH MATERIALS. THE CONTRACTOR SHALL VERIFY DIMENSIONS OF PREFABRICATED AND MANUFACTURED ITEMS AND COORDINATE ROUGH OPENINGS ACCORDINGLY.
- ALL CONSTRUCTION SHALL BE IN STRICT CONFORMANCE WITH MANUFACTURER'S LATEST PUBLISHED SPECIFICATIONS AND INSTRUCTIONS. ALL DISCREPANCIES BETWEEN THESE SPECIFICATIONS AND INSTRUCTIONS AND THE CONTRACT DOCUMENTS PREPARED BY THE ARCHITECT AND CONSULTANTS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO COMMENCING WORK
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THESE PLANS, EXISTING UTILITY LOCATIONS, AND EXISTING CONDITIONS AFFECTED BY THE CONTRACT PRIOR TO STARTING CONSTRUCTION. ANY DISCREPANCIES OR INCONSISTENCIES FOUND SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE WORK PROCEEDS.
- STRUCTURAL SUPPORT AND/OR REINFORCEMENT IN STUD WALLS SHALL BE PROVIDED AT ALL WALL-MOUNTED CASEWORK, CABINETS, SHELVING, EQUIPMENT ETC., BY GENERAL CONTRACTOR.

FINISH NOTES

I. THE MAXIMUM FLAME SPREAD CLASS OF FINISH MATERIALS USED ON INTERIOR WALLS AND CEILINGS SHALL NOT EXCEED CLASS B FOR EXIT WAYS AND CLASS C FOR ROOMS OR AREAS PER TABLE 803.5 CBC.

2. IN ALL OCCUPANCIES, QUANTITIES OF FLAMMABLE AND COMBUSTIBLE LIQUIDS IN EXCESS OF 10 GAL. USED FOR MAINTENANCE PURPOSES AND THE OPERATION OF EQUIPMENT SHALL BE STORED IN LIQUID STORAGE CABINETS IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE.

3. GYP. BD. TEXTURE TO BE IMPERFECT SMOOTH. FINISH CONTRACTOR SHALL PROVIDE SAMPLE BOARDS PRIOR TO INSTALL.

4. PREPARE EXPOSED CONCRETE FLOOR WITH BUFFER USING FINE GRIT SAND PAPER WITH CEMENTONE CLEAR SEALER, "SCOFIELD CURESAL" CLEAR SEMI-GLOSS FINISH AND RHINO GRIT ADDED FOR SLIP RESISTANCE.

5. CONCRETE SLAB TO BE SEALED PRIOR TO INSTALLATION OF FLOORING MATERIALS, VERIFY REQUIRED/ACCEPTABLE MOISTURE TOLERANCES MANUFACTURER'S WRITTEN INSTRUCTIONS PRIOR TO SEALING C

- 5. ALL INTERIOR FINISHES SHALL COMPLY WITH CBC SECTION
- 6. WALLS TO "EGGSHELL" FINISH, U.O.N.
- 7. DOORS, WOOD TRIM, CHAIR RAIL, & BASE TO BE "SEMI-C
- 8. CEILINGS TO BE "FLAT" FINISH, U.O.N.
- 10. DOOR VISION PANEL FRAME TO BE PAIR

11. ALL FINISHES & MATERIALS LISTED IN TH ID REC DRAWING SET ARE SUGGESTIONS DISCRETION OF THE OWNER DER OF 📶 STRUCTURE IN THE PLANS.

1. PROTECT FOAM PLASTIC INSULATION IN ATTIC OR CRAWL SPACE WITH THERMAL

AGING IN PLACE

SECTIONS R327.1.1 THROUGH R327.1.4.

SECTION

EXCEPTIONS:

ABOVE THE FINISH FLOOR.

EXCEPTIONS:

ON APPLIANCES.

INCHES (381 MM).

THE ENTRY LEVEL.

R327.1.3 INTERIOR DOORS

R327.1.1 REINFORCEMENT FOR GRAB BARS

MATERIALS APPROVED BY THE ENFORCING AGENCY.

FRAMING IS PROVIDED.

SECTION R327 AGING-IN-PLACE DESIGN AND FALL PREVENTION

NEWLY CONSTRUCTED DWELLINGS SUBJECT TO THE REQUIREMENTS OF THIS

CODE SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH

AT LEAST ONE BATHROOM ON THE ENTRY LEVEL SHALL BE PROVIDED WITH

REINFORCEMENT INSTALLED IN ACCORDANCE WITH THIS SECTION. WHERE

THERE IS NO BATHROOM ON THE ENTRY LEVEL, AT LEAST ONE BATHROOM ON

REINFORCEMENT SHALL NOT BE LESS THAN 2 BY 8 INCH (51 MM BY 203

MM) NOMINAL LUMBER. [11/2 INCH BY 71/4 INCH (38 MM BY 184 MM)

ACTUAL DIMENSION] OR OTHER CONSTRUCTION MATERIAL PROVIDING

EQUAL HEIGHT AND LOAD CAPACITY. REINFORCEMENT SHALL BE

LOCATED BETWEEN 32 INCHES (812.8 MM) AND 391/4 INCHES (997

WATER CLOSET REINFORCEMENT SHALL BE INSTALLED ON BOTH SIDE

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

WHERE THE WATER CLOSET IS NOT PLACED ADJACENT TO A SIDE WALL

CAPABLE OF ACCOMMODATING A GRAB BAR, THE BATHROOM SHALL

REINFORCEMENT SHALL NOT BE REQUIRED IN WALL FRAMING FOR PRE-

FABRICATED SHOWER ENCLOSURES AND BATHTUB WALL PANELS WITH

REINFORCEMENT AND/OR GRAB BARS SHALL BE PERMITTED, PROVIDED

REINFORCEMENT FOR INSTALLATION OF FLOOR-MOUNTED GRAB BARS

OR AN ALTERNATE METHOD IS APPROVED BY THE ENFORCING AGENCY.

PERMITTED, PROVIDED REINFORCEMENT FOR INSTALLATION OF FLOOR-

MOUNTED GRAB BARS ADJACENT TO THE BATHTUB OR AN ALTERNATE

REINFORCEMENT OF FLOORS SHALL NOT BE REQUIRED FOR BATHTUBS

AND WATER CLOSETS INSTALLED ON CONCRETE SLAB FLOORS.

R327.1.2 ELECTRICAL RECEPTACLE OUTLET, SWITCH AND CONTROL HEIGHTS

ELECTRICAL RECEPTACLE OUTLETS, SWITCHES AND CONTROLS (INCLUDING

CONTROLS FOR HEATING, VENTILATION AND AIR CONDITIONING) INTENDED

TO BE USED BY OCCUPANTS SHALL BE LOCATED NO MORE THAN 48 INCHES

(1219.2 MM) MEASURED FROM THE TOP OF THE OUTLET BOX AND NOT LESS

DEDICATED RECEPTACLE OUTLETS; FLOOR RECEPTACLE OUTLETS; CONTROLS

RECEPTACLE OUTLETS REQUIRED BY THE CALIFORNIA ELECTRICAL CODE ON A

IN FEATURE ABOVE THE FINISH FLOOR, SUCH AS A WINDOW, IS LESS

EFFECTIVE JULY 1, 2024, AT LEAST ONE BATHROOM A

THE ENTRY LEVEL SHALL PROVIDE A DOORWAY WITH

NOT LESS THAN 32 INCHES MEASURED WITH "

ANGLE OF 90 DEGREES FROM THE CLOSED

TWO- OR THREE-STORY SINGLE FAMILY DW

FLOOR OF THE DWELLING IF A BATHROG

R327.1.4 DOORBELL BUTTONS

DOORBELL BUTTONS OR COI

INCHES (1219.2 MM) ABOV

INCHES (1219.2 MM MEASUR

THE TOP OF THE DOORB

INTEGRATED WITH OTHE

STANDARD DOORE

HEIGHT NOT EX

IANDIN

WALL SPACE WHERE THE DISTANCE BETWEEN THE FINISHED FLOOR AD A BUILT-

OR, IN THE CASE OF A

DR BEDROOM IS NOT LOCATED ON

HEN INSTALLED, SHALL NOT EXCEED 48

.Y. WHERE DOORBELL BUTTONS

QUIRED TO BE INSTALLED ABOVE 48

IOR FLOOR OR LANDING, MEASURED FROM

FROM THE EXTERIOR FLOOR OR LANDING, A

MELHE TOP OF THE DOORBELL BUTTON OR

CONTROL SHALL ALSO BE PROVIDED AT A

(1219.2 MM) ABOVE EXTERIOR FLOOR OR

OND OR THIRD

MOUNTED ON CEILING FANS AND CEILING LIGHTS; AND CONTROLS LOCATED

THAN 15 INCHES (381 MM) MEASURED FROM THE BOTTOM OF THE OUTLET BOX.

BATHTUBS WITH NO SURROUNDING WALLS, OR WHERE WALL PANELS

DO NOT PERMIT THE INSTALLATION OF REINFORCEMENT SHALL BE

MM) ABOVE THE FINISHED FLOOR FLUSH WITH THE WALL FRAMING.

WALLS OF THE FIXTURE, OR ONE SIDE WALL AND THE BACK WALL.

SHOWER REINFORCEMENT SHALL BE CONTINUOUS WHERE WALL

MORE THAN 6 INCHES (152.4 MM) ABOVE THE BATHTUB RIM.

HAVE PROVISIONS FOR INSTALLATION OF FLOOR-MOUNTED.

APPROVED BY THE ENFORCING AGENCY.

FOLDAWAY OR SIMILAR ALTERNATE GRAB BAR REINFORCEMENTS

INTEGRAL FACTORY- INSTALLED GRAB BARS OR WHEN FACTORY-

SHOWER ENCLOSURES THAT DO NOT PERMIT INSTALLATION OF

INSTALLED REINFORCEMENT FOR GRAB BARS IS PROVIDED.

METHOD IS APPROVED BY THE ENFORCING AGENCY.

THE SECOND OR THIRD FLOOR OF THE DWELLING SHALL COMPLY WITH THIS

REINFORCEMENT SHALL BE SOLID LUMBER OR OTHER CONSTRUCTION

R327.1 AGING-IN-PLACE DESIGN AND FALL PREVENTION



AS DOOR FRAME/CASING. NOTES OR ANYWHERE IN THIS

ENDATIONS ONLY, AND ARE AT THE

TITLE 24 REQUIREMENTS



APE WINDOW OR DOOR FROM BEDROOMS & BASEMENTS: 44" MUM BTM. RAIL HEIGHT; 5.7 SQUARE FEET OPENABLE AREA; 20" CLEAR WIDTH; 24" CLEAR HEIGHT PER CRC R310.1

DOOR & WINDOW NOTES

WHERE THE OPENING OF AN OPERABLE WINDOW IS LOCATED MORE THAN 72 INCHES (1829 MM) ABOVE THE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING OF THE WINDOW SHALL BE A MINIMUM OF 24 INCHES (610 MM) ABOVE THE FINISHED FLOOR OF THE ROOM IN WHICH THE WINDOW IS LOCATED. OPERABLE SECTIONS OF WINDOWS SHALL NOT PERMIT OPENINGS THAT ALLOW PASSAGE OF A 4-INCH-DIAMETER (102 MM) SPHERE WHERE SUCH OPENINGS ARE LOCATED WITHIN 24 INCHES (610MM) OF THE FINISHED FLOOR. R312.2.1.

3. GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING & SLIDING DOORS SHALL BE SAFTY GLAZED PER CBC SECTION R308.4

4. GLAZING WITHIN 24" ARC OF AN EDGE OF A DOOR IN A CLOSED POSITION MUST BE SAFTY GLAZED PER CRC R308.4.

5. GLAZING IN WALLS ADJACENT TO SHOWERS OR BATHTUBS THAT ARE WITHIN 60" HORIZONTAL OR VERTICAL OF THE WATERS EDGE @ TUB OR SHOWER PAN ARE TO BE FULLY TEMPERED. CRC R308.4.5

6. NATURAL LIGHT TO BE 8% OF THE FLOOR AREA IN EACH HABITABLE ROOM PER CRC R303.1

7. NATURAL VENTILATION TO BE 4% OF THE FLOOR AREA EACH HABITABLE ROOM PER CRC R303.1

8. EGRESS DOORS SHALL BE READILY OPENABLE FROM INSIDE THE DWELLING WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

9. EGRESS DOOR REQUIREMENTS PER CRC 311.2 MIN CLEAR WIDTH 32", MIN CLEAR HT. 78" MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP. DOOR THRESHOLD MAY BE 1.5in. MAX. HT. EXTERIOR LANDING MAY BE 73 4" BELOW TOP OF THE THRESHOLD PROVIDED THE DOOR DOES NOT SWING OVER LANDING. (SEE LOCAL MUNICIPAL CODE FOR ANY ADDITIONAL REQUIREMENTS)

10. EXIT DOOR TO BE 36" MINIMUM WIDTH PER RMC SECTION 16.14

11. EXTERIOR DOORS AND DOORS LEADING TO GARAGE SHALL HAVE SINGLE CYLINDER DEADBOLT. GLASS SLIDING DOORS SHALL BE SUPPLEMENTED WITH AN AUXILIARY DOOR LOCK. ACCESSIBLE WINDOWS SHALL BE SECURABLE FROM THE INSIDE WITH AN AUXILIARY LOCKING DEVICE PER REDDING MUNICIPAL CODE SECTION 16.14.100.

12. DOORS OTHER THAN THE REQUIRED EGRESS DOOR SHALL BE PROVIDED WITH LANDINGS OR FLOORS NOT MORE THAN 7-3/4 INCHES (196 MM) BELOW THE TOP OF THE THRESHOLD. EXCEPTION: A LANDING IS NOT REQUIRED WHERE A STAIRWAY OF TWO OR FEWER RISERS IS LOCATED ON THE EXTERIOR SIDE OF THE DOOR, PROVIDED THE DOOR DOES NOT SWING OVER THE STAIRWAY. R311.3.2

PROJECT NO:	
DRAWN BY:	Author
CHECKED BY:	Checker
ISSUE DATE:	9/14/2023 10:21:15 AM
COPYRIGHT:	RAD STUDIO 2019

// SHEET TITLE

// MANAGEMEN

GENERAL NOTES

11	SHEET	NO.



XII. Wood Truss Notes Continued:

20. Truss manufacturer shall provide truss to truss and truss to structure 13. No upset threaded bolts allowed. hanger connections as required. All connections shall be designed and details by truss manufacturer. See General Note sheet for material grades used.

maintain the stability of the trusses for all loading conditions.

22. Trusses exposed to moisture to be sealed to prevent decay.

XIII. Abbreviations:

	1
- SCALE ACCORDINGLY	
PRINT	
A REDUCED PRINT - (
IT IS	
HEET IS NOT 30"x42", IT IS	
THIS SHEET IS	

ADDNL	ADDITIONAL	GLB	GLU-LAM BEAM
AB	ANCHOR BOLT	HA	HEADED ANCHOR
ARCH	ARCHITECTURAL	Н	HIGH
ATR	ALL THREAD ROD	HSB	HIGH STRENGTH BOLT
BETW	BETWEEN	HSS	HOLLOW STRUCTURAL STEEL
BEV	BEVELLED	HORIZ	HORIZONTAL
BLKG	WOOD BLOCKING	KD	KILN DRIED
BM	BEAM	LLH	LONG LEG HORIZONTAL
вот	BOTTOM	LLV	LONG LEG VERTICAL
BRG	BEARING	LS	LAG SCREW
CANTI	CANTILEVER	MANUF	MANUFACTURER
CLR	CLEAR	MAX	MAXIMUM
CL	CENTERLINE	MB	MACHINE BOLT
ос	ON CENTER	MECH	MECHANICAL
CMU	CONCRETE MASONRY UNIT	MFRD	MANUFACTURED
COL	COLUMN	MIN	MINIMUM
CONC	CONCRETE	(N)	NEW
CONSTR JT	CONSTRUCTION JOINT	NTS	NOT TO SCALE
CONT	CONTINUOUS	00	ON CENTER
CJ	CONTROL JOINT	OH	OPPOSITE HAND
CIP	CAST IN PLACE	OPNG	OPENING
db	BAR DIAMETER	PL	PLATE
DIA	DIAMETER	PIP	PRINTED IN PLACE
DIM	DIMENSION	RDWD	REDWOOD
DN	DOWN	REINF	REINFORCING
DO	DITTO (REPEAT)	REQD	REQUIRED
DT	DRAG TRUSS		REQUIREMENTS
(E)	EXISTING	SST	SIMPSON STRONG-TIE
EA	EACH	SAD	SEE ARCHITECTURAL DWGS
EE	EACH END	SBX	SODIUM BORATE TREATMENT
EF	EACH FACE	SIM	SIMILAR
EJ	EXPANSION JOINT	SOG	SLAB ON GRADE
EL (ELEV)	ELEVATION	SHTG	APA RATED SHEATHING
EWEF	EACH WAY EACH FACE	SSDS	STANLESS STEEL DECK SCREW
EQ	EQUAL	STGR	STAGGERED
EQUIP	EQUIPMENT		STANDARD HOOK
EN	EDGE NAILING	STIFF	STIFFENER
ES	EACH SIDE	SQ	SQUARE
EW	EACH WAY	SYMM	SYMMETRICAL
FB	FACE OF BLOCK	T&B	TOP AND BOTTOM
FC	FACE OF CONCRETE	TOC	TOP OF CONCRETE
FD	FLOOR DRAIN	TOF	TOP OF FTG, TOP OF FRMG
FOF	FACE OF FRAMING	TOS	TOP OF STEEL
FF	FINISHED FLOOR	TOW	TOP OF WALL
FG	FINISHED GRADE	ТҮР	TYPICAL
FOM	FACE OF MASONRY	UNO	UNLESS NOTED OTHERWISE
FOS	FACE OF STUD	VERT	VERTICAL
FN	FIELD NAILING	VIF	VERIFY IN FIELD
FTG	FOOTING	W	WIDE
GALV	GALVANIZED	WP	WORKING POINT
GC	GENERAL CONTRACTOR	WS	WOOD SCREW

X. Wood Notes Continued:

- 14. Lay all structural sheathing on roof and floors with lon perpendicular to supports unless noted otherwise
- 21. Truss manufacturer shall design and detail all connections required to 15. Block sheathing joints with 2 x 4 flat blocking where not floor framing plans and with blocking same size at studs plyclips at midspan of unsupported roof sheathing edges
 - 16. Framing hardware shown on the plans is Simpson Stro framing hardware as manufactured by Simpson Equivalent. Prior to installation of any non-Simpson h contractor shall submit a list of all detail references where a hardware s

proposed, the designation for the Simpson item and proposed equivalent and an ICC report for each substitu

- 17. Provide Simpson Strong Tie LU hangers at joists and H sloped or skewed joists and beams, UNO. Provide Maxi depth and nailing, UNO.
- 18. Notify Structural Engineer after wall, floor, and roof sht been completed and a minimum of 48 hours prior to con
- 19. Use of machine nailing is subject to a satisfactor demonstration for each project and approved by Architect or Structural Engineer and the governing approval is subject to continued satisfactory performan nailing will not be approved in 5/16" sheathing. penetrate the outer ply by more than would be normal or if minimum allowable edge distances are not ma performance will be deemed unsatisfactory.

XI. Wood Truss Notes:

Uniform Roof Design	Loads For Trusses:
Roof Top Chord	13 psf DL
	70 psf LL
Bottom Chord	7 psf DL
	10 psf LL (Non Concurrent)

- Design and fabrication shall conform to the 2022 CBC.
- 2. All members shall be Douglas Fir No. 2 or better. He substituted with approval of Architect and Structural I to fabrication.
- 3. 2x6 top chords typical 2x4 all other members UNO.
- 4. Plate material shall be ASTM A-446 Grade A or better
- 5. Allowable stress increase for load duration shall be: 125%
- Roof Live 6. Design and construction of connections shall be in acc published approval of ICC. Heel joint design shall consic of eccentric loading in acc ce with the Truss Plate I Calculations for girder trusses shall include point loads truss reactions.
- Truss designer shall oversize plates for chord members t wood defects like knots, knot holes and greatly dist Maximum allowable defect size per member shall be 2 s Not defects allowed under plates for web members
- 8. Truss drawings, calculations and the latest ICC approved truss metal plate connectors shall be submitted to and/or Structural Engineer for review prior to subr Building Department. Any review comments m Architect/Structural Engineer shall be addressed prior to the Building Department for final review. Do not beg until Building Department has approved calculation drawings.
- 9. Calculations shall be signed by a Civil or Structu registered in the State of California. It shall be the resp the manufacturer to obtain Building Department appr fabrication.
- 10. General contractor to provide temporary erection brac bracing as required by truss manufacturer's design.
- 11. Built up girder trusses shall be laminated using 1/2 in bolts at 24"o.c. maximum through all members.
- 12. Gable end trusses shall have 2x verticals at 16" o.c. desig out-of-plane wind loads typical UNO.
- 13. Sheathed trusses over shear walls shall have 2x vertical typical unless noted otherwise.
- 14. Truss manufacturer to verify all dimension shown drawings with Architectural drawings and in field wit prior to fabrication. Provide shop drawings. Include p showing truss locations and truss profiles with dimensi and approved by General Contractor.
- 15. Truss designer to account for the weight of all mechanic in the design of all trusses which support such units. See drawings for weights and details.
- 16. Truss designer shall incorporate one 100# (50# non-concurrent LL) vertical load on the bottom chord from one sprinkler line. Truss must be designed to car any point.
- 17. Structural design of beams, posts and foundations sup trusses have been based on framing configuration sho Deviation to the framing configuration shown will requi design coordination and potential revisions to foundations. Any required revision to these draw performed on a time and materials basis and will be ch Contractor.

	VII	. Reinforcing Steel Continued:		IV.	General Notes:
	7.	No reinforcement welding shall be done unless shown on drawings or approved by the engineer (tack welding inclu-		1.	All materials and workmansh
ong dimension		Welding of reinforcement is only permitted for reinforcing	steel	2.	Notes and Specifications. During the construction period
oted on roof or		having a carbon equivalent less than 0.65% according to AWS specifications.	D1.4		the safety of the structure.
ds at walls. Use	8.	All dimensions shown for location of reinforcing are to the fac	ce of		Civil Engineer to design all required during construction
es. rong - Tie. Use	9.	bars and denote clear coverage unless otherwise noted. Minimum concrete coverage of reinforcing steel shall be as fol	llows	2	and Local Safety Ordinances.
Company or		unless otherwise noted on plans:		3.	All applicable requirements Industry Safety Orders, the
hardware, the		Concrete cast against earth 3" Formed concrete exposed to earth or weather:			the Construction Safety Act s
substitution is		#5 bar and smaller, post tension strands $1\frac{1}{2}$ " #6 - #18 bars 2"		4.	All erection procedures sha deviation must be approved
d non-Simpson ution item.		#6 - #18 bars 2" Formed concrete not exposed to earth or weather:		5.	The Contractor shall be
HU hangers at		Bars in slabs and walls and joists #6 bars and smaller 1"			procedures including laggin property, structures, street
ximum hanger		#7 - #18 bars $1\frac{1}{2}$		~	National, State and Local Safe
htg nailing has		Bars in beams and columns $1\frac{1}{2}$ "		6.	The Contractor shall be resp as to the location of all und
		I. Concrete:			and repair of damage to the
tory job site y the project	1.	All structural concrete unless otherwise noted shall have a densi 150 pcf aggregates shall conform to ASTM C33 with proven shrin	-	7.	forty-eight hours before digg The Contractor shall be resp
agency. The	-	characteristics of less than 0.05%.	-		trades and shall check all c called to the attention of th
ance. Machine If nail heads	2.	All structural light weight concrete shall have a density of 115 Maximum and 100 pcf minimum. Aggregates shall conform to A			shall be resolved before proc
I for a hammer	2	C33.		8.	Shop drawings required by
aintained, the	3.	All concrete shall develop minimum compressive strengths at the of 28 days as follows:		9.	the Structural Engineer for re All details designed as Standa
		All cement shall conform to ASTM C150 type II.			conditions in addition to o
	5.	Concrete mix designs shall be prepared by an independent labora and reviewed by the structural engineer.	•	10.	sections. Drawings indicate General
	6.	Admixtures shall comply with ASTM C494 and be of a type			Where conditions are not s
		increases the workability of the concrete. But shall not be considered	ot be		character to details shown, si subject to review by the Engi
	redu	•		11.	See Civil, Mechanical, Plumb
		the specified minimum cement content (calcium chloride shall no	ot be		location of all openings require electrical conduits and other
em Fir may be Engineer prior	7.	used). Placement of concrete shall be in conformance with the ACI 301.			otherwise incorporated in str
0	8.	Control joints shall be located formed as shown on the drawings.	Slap	12.	Architectural and Civil Plans design drawings and are to
		control joints shall be placed at points of low stress as well as loc to minimize effects of shrinkage. Key and dowel slab constru			including, but not limited to
		joints as shown on the plans. All construction joints shall be cle	aned	13.	location of all opening, etc. All necessary permits, license
		thoroughly and all laitance shall be removed from the surface vertical joints shall be thoroughly wetted and slushed with a co	e. All	-01	obtained prior to beginning c
cordance with		neat cement or bonding agent immediately before pouring		14.	No conduit, pipes or duct members unless so shown or
ider the effects Institute (TPI).	9.	concrete. Set floor screeds to required elevations during concrete pouring t	to		Engineer.
Is from carried		compensate for form settlement.		15.	Refer to Architectural Plans drawing, curbs, pad, embed
to account for	10.	Grout: pre-manufactured mix with minimum compressive streng the end of 28 days of 5000 psi with minimum water consistent			hangers, etc. Refer to Mec
storted grains.		placing requirements.		16	openings, and hangers for pip Verify all dimensions and con
square inches.	11.	Air content: conform to ACI 301 section 4.2.2.4. Horizontal exteri surfaces in contact with the soil or the weather require entrained	01		Foundation:
ed test data for		Tolerance is $\pm 1-1/2$ % air content shall be measured at point of		1 .	The foundation design is base
the Architect omittal to the		placement.			D + L Bearing Pressure
made by the	IX.	Wood Notes:		2	D + L + Lateral Unless otherwise indicated.
to submittal to gin fabrication	1.	All structural wood shall conform with the following specification UNO:	tions	2.	accordance with the geote
ons and shop		Douglas Fir - Coast Region - WCLIB grading rules #17.		z	codes. Foundation excavations shall
tural Engineer		For timber 3x and larger, no more than 20% of the cross section include heart centers.	shall	3.	placement of reinforcing stee
esponsibility of		Redwood - California Redwood, RIS.		4.	Unexpected soil conditions:
proval prior to		Glued Laminated Beams - Standard Spec. for Structural G Laminated Timber AITC 117. Submit Shop Drawings prio			conditions normally encou construction of these types
acing and web		fabrication of glued laminated members. Use Archited	ctural		encountered that are susp capacity of soil to support
		appearance grade for exposed beams and coat with a clear ext grade sealer. Simple span beams shall be combination 24			contractor or building inspe
inch diameter		UNO.Continuous spans and cantilevers shall be combine 24F-V8.Engineered Lumber	ation		fashion, the architect may the services of a geoteen
signed to resist		Timberstrand laminated strand lumber (LSL) - ICC Report ESR-138		_	recommendations for further
calc at 16" a c		Paralam parallel strand lumber (PSL) - ICC Report ESR-1387. Microlam laminated veneer lumber (LVL) - ICC Re	eport	5. 6	Form footings as necessary. Bottom of footing shall be
cals at 16" o.c.		ESR-1387.Sheathing - US Product Standard PS 1-95 and PS	2-92.		bearing.
on Structural		Struct 1 APA rated sheathing w/ exterior glue at walls, floors, & uno Pressure Treated Douglas Fir - Standard Specifications FDN		7.	Foundation excavations shal standing water before placing
ith wall layout plan drawings	r	AWPB.	-	8.	All foundation to bear on nat
sions reviewed	Ζ.	All wood in direct contact with earth or concrete shall be pres treated, except ledgers, which do not need to be pressure treated	d.		proctor dry density per ASTN
ical equipment	3.	Field cuts and bolt holes in pressure treated wood shall be prote in accordance with AWPA standard M4.			
See Mechanical		Provide solid blocking between joists and raters at all supports.		1.	All reinforcing steel shall cor larger and Grade 40 for #3 8
# DL & 50#	5. 6	Provide blocking at all ceiling levels. Joists under and parallel to partitions shall be doubled and n	ailed	2	shall conform to ASTM A706.
d of all trusses	<u> </u>	together.			Welded wire fabric shall co splices shall be 12 inches.
rry the load at	1.	The moisture content of 2x material at time of delivery shall be than 19%. The moisture content of lumber 3x and larger at tim		3.	All concrete shall be reinforce reinforced" in the drawings.
upporting roof	0	delivery shall be less than 30%.			noted. Provide same rein
nown of plans.		Holes for bolts in wood shall be bored with a bit of the same nor diameter as the bolt plus $1/16''$.		Δ	elsewhere in the work, or as Reinforcement back shall a
uire additional framing and	9.	Holes for lag screws shall be first bored into the same diameter	r and	4.	located on drawings
wings will be		depth as the unthreaded shank, and the rest to 50% of the s diameter.		5.	Anchor bolts, dowels and ot set in place before soncrete i
charged to the	10.	Lag screws and wood screws shall be screwed and not driven place. Soap may be used to lubricate screws.	into	6.	Reinforcement bars shall be
	11.	All bolts and lag screws shall be provided with metal washers u			Using ties and support bar where firm and accurate pla
		heads and nuts which bear on wood. Applies also to inse expanding fasteners, Red Head, etc.	erted		standards. Dowels should be
	12.	All bolts and lag screws shall be tightened on installation	and		construction joints unless oth
		retightened before closing in or at completion of the job.			

iod the contractor shall be responsible for The contractor shall retain a registered all temporary shoring, bracing and guys 3. on is accordance with all National, State

- ts of the local Construction and General Occupational Safety and Health Act and Δ shall be met.
- hall conform to OSHA standards. Any d by OSHA prior to erection.

solely responsible for all excavation ing, shoring and protection of adjacent II. Design Criteria: ets and utilities in accordance with all fety Ordinances.

sponsible for contacting all utility agencies derground facilities for the protection of them. Call "Underground Service Alert" Project Location ging.

sponsible for coordinating the work of all dimensions. All discrepancies shall be the Architect and Structural Engineer and Codes & Standards ceeding with the work.

the specifications shall be submitted to review prior to fabrication.

dard or Typical shall apply to all applicable other specifically referenced detail and

al and Typical Details of Construction. specifically indicated but are of similar similar detail of construction shall be used gineer.

bing and Electrical drawings for size and uired for ducts, pipes and all pipe sleeves, er items to be embedded in concrete or Seismic Design structural works.

ns are considered a part of the structural to be used to define detail configurations o relative location of members, elevations,

ses, approvals, fees, notices, etc., shall be construction.

icts shall be embedded into structural on the plans or approved by the Structural

is for floor depressions, openings, slopes, dded items, non-bearing partitions, stair echanical and Electrical Plans for sleeves. pipes, ducts and equipment.

onditions on the job prior to construction.

ased on min per Chapter 18 CBC. 1 5 0 0 mof

=	1500 pst
=	2000 psf

echnical report and all applicable local

all be examined by a soils engineer prior to eel or concrete.

ns: foundation design is based upon soil (Designed for 2500 ountered in work on lots suitable for s of structures. Where soil conditions are Slab on Grade spect with regard to the suitability or All Mixes U ort the structure in the opinion of the pector, notify the architect in a timely then recommend to the owner employing echnical engineer to provide specific er foundation preparation.

be stepped if necessary to provide

all be cleaned of any loosene ng steel or concrete.

acted to 90% ative or engineered f M D-1157.

onform to ASTN A615 Grade 60 for #4 & & smaller UNO.

TM A185. Minimum lap at onform to

cedunless specifically noted "not If reinforcing bars are not shown or prcement as for similar conditions s drected by the architect/engineer. fot be spliced except as detailed and

other embedded items shall be accurately e is poured.

e accurately placed and firmly supported. ars in addition to reinforcement shown lacing is necessary as specified in the ACI be provided to match all reinforcement at otherwise noted.



MECHANICAL NOTES

1. FUEL BURNING APPLIANCES, INSTALLATION, TESTING, AND REPAIR PER 2022 CALIFORNAI MECHANICAL CODE (CMC). ALL APPLIANCES, FIXTURES AND EQUIPMENT TO BE INSTALLED AS PER CODE AND MANUFACTURER'S SPECIFICATIONS.

2. GAS FIREPLACES SHALL BE LISTED AN INSTALLED IN ACCORDANCE WITH LISTING & MANUF. INSTALLATION INSTRUCTIONS. A DIRECT-VENT SEALED-COMBUSTION TYPE. WOOD/PELLET STOVES SHALL COMPLY WITH

US EPA PHASE II EMISSION LIMITS. (GBC SECTION 4.503.1) 3. DUCT AND VENT OPENINGS SHALL BE COVERED DURING CONSTRUCTION. (GBC SECTION 4.504.1)

4. WHOLE HOUSE EXHAUST FANS SHALL HAVE INSULATED LOUVERS OR COVERS WHICH CLOSE WHEN THE FAN IS OFF. COVERS OR LOUVERS SHALL HAVE A MINIMUM INSULATION VALUE OF R-4.2.

5. HVAC SYSTEM INSTALLERS ARE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS. (GBC SECTION 702.1)

6. BATHROOMS ARE TO BE MECHANICALY VENTILATED PER CMC TABLE 4-4. MIN. 20 CFM FOR CONTINOUS OPERATION OF 50 CFM FOR INTERMITTENT. CRC R303.3

EQUIPMENT AND APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION. SERVICE, REPAIR, AND REPLACEMTN WITHOUT REMOVING PERMANENT CONSTRUCTION. NOT LESS THAN 30" IN DEPTH, WIDTH, AND HEIGHT OF WORKING SPACE SHALL BE PROVIDED

8. DRYER VENT REQUIREMENTS:

- DRYER MOISTER EXHAUST DUCTS VENT SHALL NOT EXCEED 14' MAX DISTANCE W/ 2 90 DEGREE ELBOWS. TWO FEET SHALL BE DEDUCTED FOR EACH NINETY-DEGREE
- ELBOW IN EXCESS OF TWO. -INSTALL A FAN-ASSISTED DRYER VENT TO MAINTAIN CODE
- REQUIREMENTS AS REQUIRED.
- VENTLESS DRYERS NOT ALLOWED. - NO FASTENERS SHALL PENETRATE INTO THE DRYER VENT DUCT.

TERMINATE DRYER EXHAUST DUCT TO THE OUTSIDE OF BUILDING, DRYERTO BE EQUIPPED WITH A BACKDRAFT DAMPER WITH NO SCREEN. DUCT TERMINATION, LENGTH TO BE REDUCED 2' FOR EVERY ADDITIONAL ELBOW OR PROVIDE MANUFACTURERS INSTALLATION DATA.

9. TERMINATION OF ENVIRONMENTAL AIR DUCTS SHALL BE A MIN. 3' AWAY FROM OPENINGS INTO THE BUILDING.

10. EXHAUST FANS LOCATED IN A ROOM WITH A SINK, BATHTUB, OR SHOWER ARE REQUIRED TO BE ENERGY STAR COMPLIANT. UNLESS FUNCTIONING AS A WHOLE HOUSE FAN FAN MUST BE CONTROLLED BY A READILY ACCESSIBLE HUMIDISTAT CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF 50-80% AND BE DUCTED TO TERMINATE OUTSIDE BUILDING.

11. WHEN COOLING COILS ARE LOCATED IN THE ATTIC, A SECONDARY OR OVERFLOW SHALL BE PROVIDED (IN ADDITION TO THE PRIMARY CONDENSATE DRAINS) THE REQUIRED OVERFLOW LINE SHALL BE SEPARATE FROM THE PRIMARY AND SHALL TERMINATE WHERE IT IS READILY OBSERVABLE (ABOVE WINDOWS OR DOORS). CMC 309.2

12. PROVIDE GAS SUPPLY FOR WATER HEATER WITH CAPACITY FOR 200k BTU. AND ELECTRICAL RECEPTACLE

13. ALL DOMESTIC HOT WATER SYSTEM PIPING CONDITIONS LISTED BELOW, WHETHER BURIED OR UNBURIED, MUST BE INSULATED PER

TABLE 120.3-A: A. THE FIRST 5 FEET OF HOT AND COLD WATER PIPES FROM THE STORAGE TANK.

- B. ALL PIPE WITH A NOMINAL DIAMETER OF 3/4" OR LARGER. C. ALL PIPING ASSOCIATED WITH A DOMESTIC HOT WATER
- RECIRCULATION SYSTEM REGARDLESS OF THE PIPE DIAMETER. D. PIPING FROM THE HEATING SOURCE TO STORAGE TANK OR BETWEEN TANKS.
- E. PIPING BURIED BELOW GRADE.
- F. ALL HOTE WATER PIPES FROM THE HEATING SOURCE TO THE KITCHEN FIXTURES.

14. AIR CONDITIONING REFRIGERANT ACCESS PORTS LOCATED

OUTDOORS SHALL BE PROTECTED WITH LOCKING TYPE TAMPER-RESISTANT CAPS. 15. AIB-CONDITIONING UNIT TO BE SIZED BY MECHANICAL

CONTRACTOR IN COMPLIANCE WITH ALL STATE AND LOCAL CODES. 16. VERIFY LOCATION OF ELECTRICAL FURNACE & CONDENSER UNIT

WITH MECHANICAL CONTRACTOR.

17. LOCATE AND INSTALL GAS APPLIANCE CONNECTIONS PER CMC.

18. VENT ALL EXHAUST FANS & HOODS TO OUTSIDE AIR (O.S.A.). TERMINATE 3' (MIN.) FROM OPENINGS INTO STRUCTURE.

19. ALL MECHANICAL EQUIPMENT TO MAINTAIN MANUF.

RECOMMENDATIONS FOR CLEARANCES.

20. PROVIDE DISCONNECT SWITCH WITHIN SIGHT OF AIR CONDITIONING EQUIPMENT. CEC 440.12.

21. DUCT INSTALLATION SHALL COMPLY WITH SECTIONS M1601.4.1 -M1601.4.10. TAPES AND MASTICS USED TO SEAL SHEET METAL DUCTS MUST BE LISTED TO UL 181 B. SNAP LOCK AND BUTTON LOCK SEAMS MUST BE SEALED.

22. WHERE PIPING WILL BE CONCEALED WITHIN LIGHT-FRAME CONSTRUCTION ASSEMBLIES THE PIPING SHALL BE PROTECTED AGAINST PENETRATION BY FASTENERS.

23. SEE PAGE 1.1 & 1.2 GREEN BUILDING CODE & 2016 ENERGY CODE MANDITORY MEASURES FOR OTHER REQUIREMENTS NOT LISTED HERE

24. CONTRACTOR SHALL NOT EXCEED 50 CFM PER 1000 SQUARE FEET FOR TOTAL DUCT LEAKAGE, MEASURED AT 50 PASCAL (.02 W.C.) OF POSITIVE PRESSURE, USING CALIBRATED DUCT BLASTER TEST EQUIPMENT.

25. ALL DUCTWORK SHALL BE CONSTRUCTED, ERECTED AND TESTED IN ACCORDANCE WITH THE MOST RESTRICTIVE OF LOCAL REGULATIONS, THE PROCEDURES DETAILED IN THE ASHRAE HANDBOOK OF FUNDAMENTALS. OR THE APPLICABLE STANDARDS ADOPTED TO THE SHEET METAL AND AIR CONDITIONING CONTRACTOR ASSOCIATION.

26. METAL AND AIR CONDITIONING CONTRACTOR ASSOCIATION. COOKTOP FANS MUST BE DUCTED TO THE EXTERIOR.

MECHANICAL VENTILATION

LOCATION	LABEL	MODEL	CFM	CFM @ .25" SP	SONES RATING	MIN.	T SIZE MAX. " "L"	DUCT TYPE	
BATH 2, 3, 4	LV-2	BFQ50	50	38	.5	4"	70'	FLEX	
KITCHEN	LV-1	CX-183	600	N/A	1.3-2.8	7"	50'	RND	
M. BATH	LV-2	BFQ50	50	38	.5	4"	70'	FLEX	
UTILITY	WBV-1	FV-08VKI	80	82	.3	5"	70'	FLEX	

DEDUCT 15' OF ALLOWABLE DUCT LENGTH FOR EACH TURN. ELBOW OR FITTING. ALLOWABLE DUCT LENGTH ASSUMES FLEX DUCT TYPE. SEE TABLE 7.1 PRESCRIPTIVE DUCT REQUIREMENTS FOR ANY MODIFICATIONS OPTIONS FOR SMOOTH DUCT. KITCHEN HOOD TO HAVE 100 CFM MIN, AIRFLOW.

KITCHEN HOODS WHICH HAVE GREATER THAN 125 CFM REQUIRE AIRFLOW TESTING MEASURING CFM OF INSTALLED FAN AND DUCT. MECHANICAL DAMPER TO BE INSTALLED TO PROVIDE CONTINUOUS FLOW OF OUTSIDE AIR INTO CONDITIONED SPACE.

MIN. WBV FAN SIZE = REFER TO ENERGY CALCULATIONS.

PRESC	RIPTIVE	DUCT	SIZINO	G REQ.					
DUCT TYPE		FLEX DU	СТ			SMOOTH	IDUCT		
FAN RATING (cfm at .25 in w.g.)	50	80	100	125	50	80	100	125	
			Maximu	m Allowable Duct	: Length (ft)				
DIAMETER (in.)		FLEX DU	СТ			SMOOTH	IDUCT		
3	Х	X	Х	X	5	Х	Х	Х	
4	70	3	x	x	105	35	5	Х	
5	NL	70	35	20	NL	135	85	55	
6	NL	NL	125	95	NL	NL	NL	145	

7 and above NL NL NL NL THIS TABLE ASSUMES NO ELBOWS. DEDUCT 15 FT. OF ALLOWABLE DUCT LENGTH FOF ELBOW, OR FITTING. INTERPOLATION AND EXTRAPOLATION IN TABLE 7.1 IS NOT ALLOWED. FOR FAN RATING VALUES NOT LISTED, USE THE NEXT HIGHER VALUE. THIS TABLE IS NOT APPLICABLE FOR FAN RATINGS > 125 CFM.

NL = NO LIMIT ON DUCT LENGTH OF THIS SIZE X= NOT ALLOWED, ANY LENGTH OF DUCT OF THIS SIZE WITH ASSUMED TURNS AND FITTINGS WILL EXCEED THE RATED PRESSURE DROP (0.25 IN W.G.).

NOTE: WATER GAUGE (W.G.) IS THE SAME AS WATER COLUMN (W.C.)

PLUMBING NOTES

. INDOOR FIXTURES SHALL NOT EXCEED THE MAXIMUM FLOWS (GBC SECTION 4.303.1): FIXTURE TYPE AND MAXIMUM FLOW. SEE CALGREEN CHECKLIST SHEETS.

2. THE COMBINED FLOW RATE OF MULTIPLE SHOWERHEADS IN ONE SHOWER SHALL NOT EXCEED 2.0 GPM @ 80PSI OR A VALVE SHALL BE INSTALLED WHICH ALLOWS OPERATION OF ONLY ONE SHOWER HEAD AT A TIME. (GBC SECTION 4.303.2)

3. AUTOMATIC IRRIGATION SYSTEMS CONTROLLERS INSTALLED AT THE TIME OF FINAL INSPECTION SHALL BE PROVIDED WITH INTEGRAL RAIN SENSORS OR SOIL MOISTURE SENSORS THAT ADJUST IBBIGATION IN RESPONSE TO CHANGES IN PLANTS NEEDS AS WEATHER CONDITIONS CHANGE. (GBC SECTION 4.303.1.3.2)

4. ALL WATER PIPES INSTALLED IN THE EXTERIOR WALL SHALL BE LOCATED ON THE CONDITIONED SIDE OF THE WALL ADJACENT TO THE INTERIOR FINISH.

5. PREVENT BACKFLOW FROM IRRIGATION PIPING PER CPC SECTION 603.3

6. PLUMBING WALLS TO BE 2x6 AND MUST MEET CRC SECTIONS R602.6 FOR NOTCHING AND BORING.

7. SHOWER AND TUB / SHOWER COMBINATIONS SHALL BE PROVIDED SECURE THE BRACING OVER THE PADDING, TO AVOID VIBRATION WITH INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR AND SOUND TRANSMISSION. THERMOSTATIC MIXING VALVE TYPE.

8. WATER CLOSET TO HAVE A MINIMUM 30" WIDE CLEAR SPACE, WITH LIGHTWEIGHT FLOOR FILL. 24" CLEAR SPACE IN FRONT PER CPC SECTION 407.6

9. BATHROOMS ARE TO BE MECHANICALY VENTILATED PER CMC TABLE 4-4. MIN. 25 CFM FOR CONTINOUS OPERATION OF 50 CFM FOR INTERMITTENT. CRC SECTION R303.3.

10. GAS VENTS, TYPE, TERMINATION PER CPC 510.6.

11. WATER HEATER TO HAVE A FIRST HOUR RATING PER CPC TABLE 501.1, IF WATER HEATER IS PROVIDED.

12. ALL APPLIANCES. FIXTURES AND EQUIPMENT TO BE INSTALLED AS PER 2013 CPC CODE AND MANUFACTURER'S SPECIFICATIONS.

13. IF WATER HEATER IS INSTALLED, PROVIDE SEISMIC BRACING STRAPS FOR TANK WATER HEATER. STRAPS TO BE LOCATED WITHIN THE UPPER AND LOWER ONE-THIRD OF IT'S VERTICAL DIMENSION. THE LOWER STRAP ALSO LOCATED TO MAINTAIN A MIN. OF 4" ABOVE CONTROLS.

14. INSULATE PIPES IN ANY UNCONDITIONED AREAS.

15. ALL HOSE BIBBS SHALL BE FROST-FREE.

16. ALL DOMESTIC HOT WATER PIPES THAT ARE BURIED BELOW GRADE MUST BE INSTALLED IN A WATERPROOF AND NON-CRUSHABLE CASING OR SLEEVE.

DIAMETER.

BLANKET, TYPICAL. 19. ISOLATE/SEPARATE VERTICAL PIPING WITH PADDING, AND

20. ISOLATE THE TUB AND SHOWER PRIOR TO INSTALLATION OF

NL	NL	NL	NL
R EACH	TURN,		

17. ALL DOMESTIC HOT WATER SYSTEM PIPING CONDITIONS LISTED BELOW, WHETHER BURIED OR UNBURIED, MUST BE INSULATED PER TABLE 120.3-A:

A. THE FIRST 5 FEET OF HOT AND COLD WATER PIPES FROM THE STORAGE TANK.

B. ALL PIPE WITH A NOMINAL DIAMETER OF 3/4" OR LARGER. C. ALL PIPING ASSOCIATED WITH A DOMESTIC HOT WATER RECIRCULATION SYSTEM REGARDLESS OF THE PIPE

D. PIPING FROM THE HEATING SOURCE TO STORAGE TANK OR BETWEEN TANKS.

E. PIPING BURIED BELOW GRADE.

F. ALL HOT WATER PIPES FROM THE HEATING SOURCE TO THE KITCHEN FIXTURES.

18. WRAP SEWER AND WASTE STACKS WTIH ACOUSTICAL

ELECTRICAL NOTES

ELECTRICAL NOTES:

1. 210.8 GROUND FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL SHALL BE PROVIDED AS REQUIRED IN 210.8(A) THROUGH (D). THE GROUND FAULT GFI SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. APPLICABLE REQUIRED GROUND FAULT INTERRUPTER RECEPTACLE CIRCUITS PER CEC ARTICLE 210.8:

A. OUTDOORS

- B. GARAGES, ACCESSORY STORAGE OR SIM. BUILDINGS C. ALL BATHROOM COUNTER TOP RECEPTACLES, ALL
- RECEPTACLES WITHIN 6' OF A TUB OR SHOWER
- D. ALL RECEPTACLES AT KITCHEN COUNTER TOPS. ALL RECEPTACLES WITHIN 6' OF THE EDGE OF A SINK.
- E. CRAWL SPACES F. LAUNDRY/UTILITY ROOM
- G. DISHWASHERS

BRANCH CIRCUITS FOR LIGHTING AND FOR APPLIANCES SHALL BE PROVIDED TO SUPPLY THE LOADS CALCULATED IN ACCORDANCE WITH 220.1 IN ADDITION BRANCH CIRCUITS SHALL BE PROVIDED FOR SPECIFIC LOADS NOT COVERED BY 220.10 WHERE REQUIRED ELSEWHERE IN THIS CODE AND FOR DWELLING UNIT LOADS A SPECIFIED IN 210.11(C)

3. IN ADDITION TO THE NUMBER OF BRANCH CIRCUITS REQUIRED BY OTHER PARTS OF SECTION 210, TWO OR MORE 20-AMPERE SMALL APPLIANCE BRANCH CIRCUITS SHALL BE PROVIDED FOR ALL RECEPTACLE OUTLETS SPECIFIED BY 210.52(B). AL LEAST ONE ADDITIONAL 20-AMP CIRCUIT SHALL BE PROVIDED TO SUPPLY THE LAUNDRY OUTLETS REQUIRED BY 210.52(F). AT LEAST ONE 120 VOLT, 20 AMPERE CIRCUIT SHALL BE PROVIDED TO SUPPLY BATHROOM OUTLETS. THESE CIRCUIT SHALL HAVE NO OTHER OUTLETS.

 IN EA. ATTACHED GARAGE AND EA. DETACHED GARAGE RECEPTACLE OUTLETS MUST HAVE A SEPARATE BRANCH CIRCUIT WITH AT LEAST ONE RECEPTACLE FOR EACH CAR PARKING SPACE, 210,50(I)

5. OUTDOOR WEATHER PROOF 15 OR 20 AMP. 125 OR 250 VOLT RECEPTACLES MUST BE LISTED AS WEATHER-RESISTANT TYPE WHEN THE PLUG IS INSERTED. 406.8 (B)

ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION PER 210.12 SHALL BE PROVIDED AS REQUIRED IN 210.12(A)(B) AND (C), THE ARC FAULT DEVICE SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. ALL 120-VOLT, SINGLE PHASE. 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLY OUTLETS OR DEVICES INSTALLED IN KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, REC ROOMS. CLOSETS, HALLWAYS, LAUNDRY AREAS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY MEANS DESCRIBED IN 210.12(A)(1)-(6).

THE MAXIMUM LENGTH OF THE BRANCH CIRCUIT TO THE AFCI IS 50' FOR 14 AWG CONDUCTORS OR 70' FOR 12 AWG CONDUCTOR CEC 210.12

8. GROUND FAULT PROTECTION OF BRANCH CIRCUIT(S) 1000 AMPS OR MORE AND OVER 150V TO GROUND IS REQUIRED 210.13

9. AN OUTLET INSTALLED FOR THE PURPOSE OF CHARGING ELECTRIC VEHICLES SHALL BE SUPPLIED BY A SEPARATE BRANCH CIRCUIT. THIS CIRCUIT SHALL HAVE NO OTHER OUTLETS.

10. BRANCH CIRCUIT CONDUCTORS MIN. AMPACITY AND SIZE PER 210.19(A) & (B). 210.19 (A) (1) GENERAL. BRANCH CIRCUIT CONDUCTORS SHALL HAVE AN AMPACITY NOT LESS THAN THE MAXIMUM LOAD TO BE SERVED. CONDUCTORS SHALL BE SIZED TO CARRY NOT LESS THAN THE LARGER OF 210.19(A)(1)(a) OR (b).

11. OVERCURRENT PROTECTION PER 210.20 BRANCH-CIRCUIT CONDUCTORS AND EQUIPMENT SHALL BE PROTECTED BY OVERCURRENT PROTECTIVE DEVICES THAT HAVE A RATING OR SETTING THAT COMPLIES WITH 210.20(A)-(D)

12. OUTLET DEVICES SHALL HAVE AN AMPERE RATING THAT IS NOT LESS THAN THE LOAD TO BE SERVED AND SHALL COMPLY WIHT 210.21(A) & (B).

13. AN INDIVIDUAL BRANCH CIRCUIT SHALL BE PERMITTED TO SUPPLY ANY LOAD FOR WHICH IT IS BATED, BUT IN NO CASE SHALL THE LOAD. EXCEED THE BRANCH-CIRCUIT AMPERE RATING. 210.22 MULTIPLE-OUTLET PERMISSIBLE LOADS PER 210.23

14. RECEPTACLE OUTLETS PER 210.52 (1) SPACING, RECEPTACLES SHALL BE INSTALLED SUCH THAT NO POINT MEASURED HORIZONTALLY ALONG THE FLOOR LINE OF ANY WALL SPACE IS MORE THAN 6' FROM AN OUTLET.

15. KITCHEN RECEPTACLES PER 210.52 (3)(C)(1) A RECEPTACLE OUTLET SHALL BE INSTALLED AT EA. WALL COUNTERTOP SPACE THAT IS 12" OR WIDER.

(3)(C)(2)AT LEAST ONE RECEPTACLE SHALL BE INSTALLED AT EACH ISLAND COUNTERTOP SPACE WHT A DIMENSION OF 24" OR GREATER AND A SHORT DIMENSION OF 12" OR GREATER. (3)(C)(3) AT LEAST ONE RECEPTACLE OUTET SHALL BE INSTALLED AT EA. PENINSULAR COUNTERTOP SPACE WITH A LONG DIMENSION OF 24" OR

GREATER AND A SHORT DIMENSION OF 12" OR GREATER 16. BATHROOMS TO HAVE AT LEAST ONE RECEPTACLE OUTLET INSTALLED IN WITHIN 3 FEET OF THE OUTSIDE EDGE OF EACH BASIN

ADJACENT TO THE BASIN OR BASIN COUNTERTOP 210.52 (5)(D)

17. OUTDOOR RECEPTACLE OUTLETS SHALL BE INSTALLED IN ACCORDANCE WITH 210.52(E)(1)-(E)(3) AT LEAST ONE RECEPTACLE READILY ACCESSIBLE FROM GRADE AND NOT MORE THAN 6 1/2' ABOVE GRADE LEVEL SHALL BE INSTALLED IN THE FRONT AND BACK OF THE DWELLING.

18. PROVIDE AN OUTDOOR WEATHER PROOF GFI RECEPTACLE WITHIN 25' OF EXTERIOR MECHANICAL EQUIPMENT PER CEC 210-63.

19. PROVIDE DISCONNECT WITHIN SIGHT OF AIR CONDITIONING EQUIPMENT PER CEC 440-14. PROVIDE 30" WIDE X 36" DEEP WORKING CLEARANCE AT AC DISCONNECT PER CEC210-12.(b)

20. SMOKE DETECTORS REQUIRED IN ALL BEDROOMS, HALLWAYS LEADING TO BEDROOMS AND VAULTED CEILINGS MORE THAN 24" HIGHER THAN HALLWAY PER CRC R314. SMOKE DETECTORS SHALL BE 3 FEET MINIMUM FROM ANY AIR CURRENT SOURCE, INCLUDING SUPPLY/RETURN DUCT TERMINATIONS AND CEILING FANS.

21. SMOKE DETECTORS SHALL BE HARD WIRED, INTERCONNECTED, W/ BATTERY BACKUP, & AUDIBLE IN ALL BEDROOMS PER CRC R314

22. AN APPROVED CARBON MONOXIDE ALARM SHALL BE INSTALLED IN DWELLING UNITS AND IN SLEEPING UNITS WITHIN WHICH FUEL-BURNING APPLIANCES ARE INSTALLED AND IN DWELLING UNITS THAT HAVE ATTACHED GARAGES. PER CRC SECTION R315.

23. CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM ELECTRICAL MAIN & SHALL BE EQUIPPED WITH BATTERY BACKUP.

24. PROVIDE LIGHT & PLUG IN ATTIC TO ACCESS AND SERVICE MECHANICAL EQUIPMENT. LIGHT MUST BE FLOURESCENT OR HAVE A DIMMER SWITCH.

25. VENTILATION SYSTEM CONTROLS SHALL BE LABELED "TO MAIN MIN. LEVELS OF OUTSIDE AIR VENTILATION REQUIRED FOR GO THE FAN SHOULD BE ON AT ALL TIMES WHEN THE BUILDING IS UNLESS THERE IS SEVERE OUTDOOR AIR CONTAMINATION" AND ' HOME OWNER SHALL BE PROVIDED WITH WITH INSTRUCTIONS ON HOW TO OPERATE THE SYSTEM.

26. NEWLY CONSTRUCTED ONE AND TWO FAMILY DWELLINGS WITH AN ATTACHED PRIVATE GARAGE(S) SHALL COMPOLY WITH ELECTRIC VEHICLE CHARGING INFRASTRUCTURE REQUIREMENTS IN ACCORDANCE WITH THE CGBC, CHAPER 4, DIVISION 4.1.

27. ALL 125 VOLT, 15 & 20 AMP RECEPTACLES INSTALLED IN A RESIDENCE OR ACCESSORY STRUCTURE SHALL BE LISTED TAMPER RESISTANT RECEPTACLES. NO EXCEPTIONS FOR RECEPTACLES ON CEILING, ABOVE COUNTERS, OR BEHIND APPLICANCES. CEC 406.11

28. ALL LIGHT FIXTURES IN HIGH MOI VAPORPROOF LIGHTING. TO REDUCE PE

29. AT FIRE SEPARATION WALLS, ST EXCEED 16 SQUARE INCHES, AND SHALL PER 100 SQUARE FEET OF WALL, AND SH HORIZONTAL DISTANCE OF 24 INCHES W WALL

30. ALL ELECTRICAL BOXES SHALL B CONTRACTOR CHOOSES TO USE METAL THE BOX SHALL BE GROUNDED IN COMP NUMBER OF BLANK ELECTRICAL BOXES FLOOR SHALL NOT BE GREATER THAN T ELECTRICAL BOXES MUST BE SERVED E FAN SPEED CONTROL.

31. FOR FIRE RATED ASSEMBLIES TH THE RATING OF THE WALL. PROVIDE 3M PADS, 2-HR RATING. GASKET & CAULK P ELECTRICAL BOXES IN FIRE RATED ASSE SQUARE INCHES, AND SHALL NOT EXCEN SQUARE FOOT OF WALL, AND SHALL BE HORIZONTAL DISTANCE OF 24 INCHES W WALL.

SMOKE DETECTORS SHALL BE A 32. AIRE CURRENT SOURCE, INCLUDING SUI & CEILING FANS. DRYER MOISTURE EXH TOTAL COMBINED HORIZONTAL AND VER INCLUDING TWO 90 DEGREE ELBOWS, 1 EACH 90 DEGREE ELBOW IN EXCESS OF TO MAINTAIN CODE REQUIREMENTS. NO I INTO DRYER VENT DUCT.

RESIDENTIAL LIGHTING RESIDENTIAL CON

6.2.1 THE 2019 ENERGY STANDAR INSTALLED LUMINAIRES TO BE "HIGH EFF LIGHTING IS DEFINED IN §100.1. SEE MANI INCLUDED WITH ENERGY COMPLIANCE DO REQUIREMENTS SUMMARY.

LUMINAIRES WITH INTEGRAL SOU MUST BE CERTIFIED BY THE ENERGY COM **REQUIREMENTS OF JA8. LUMINAIRES THA** AS SCREW BASE LUMINAIRES) MUST BE I BEEN CERTIFIED BY THE ENERGY COMMI **REQUIREMENTS OF JA8. LUMINAIRES AND** CERTIFIED BY THE ENERGY COMMISSION OR "JA8-2016-E". HIGH EFFICACY LIGHTING

- 6.2.2 RECESSED DOWNLIGHT LUM
- SHALL CONTAIN LIGHT SOURCES SHALL NOT CONTAIN SCREW BAS SHALL NOT CONTAIN LIGHT SOUR USE IN ENCLOSED FIXTURES" OR
- FIXTURES.' BE LISTED FOR ZERO CLEARANCE UNDERWRITERS LABORATORIES
- **RECOGNIZED TESTING/RATING LA** HAVE A LABEL THAT CERTIFIES TH LESS THAN 2.0 CFM AT 75 PASCAI WITH ASTM E283
- BE SEALED WITH A GASKET OR CA HOUSING AND CEILING, AND HAVE CONDITIONED AND UNCONDITION OR CAULK.
- FOR LUMINAIRES WITH HARDWIR BALLAST OR DRIVER MAINTENANO **BEADILY ACCESSIBLE TO BUILDIN** CEILING WITHOUT REQUIRING THE CEILING.

4. CONTRACTORS ARE RESPONSIBL ARE PROPERLY SEALED, AND THAT ANY B ACCESSIBLE.

MANUAL-ON/AUTOMATIC-OFF OCC VACANCY SENSORS), MOTION SENSORS, TIME CLOCK CONTROLS (USED FOR OUTI INSTALLED TO COMPLY WITH §150.0(K) MU ENERGY COMMISSION BY THEIR MANUFAC

IN ADDITION TO MEETING THE APP APPLIANCE STANDARDS, ALL FORWARD P WITH NEMA SSL 7A. THIS DESIGNATION IS

ALL LIGHTING CONTROLS AND EQU ACCORDANCE WITH THE MANUFACTURE

- SPACES REQUIRED TO HAVE VAC BATHROOMS.
- UTILITY ROOMS. LAUNDRY ROOMS.
- GARAGES.

34. ALL LUMINAIRES THAT ARE INSTAL SOURCES ARE REQUIRED TO BE CONTRO VACANCY SENSOR. IN ADDITION. ALL BLAN FIVE FEET ABOVE THE FLOOR MUST BE C VACANCY SENSOR, OR FAN SPEED CO

35. DIMMERS OR VACANCY SENS LUMINAIRES LOCATED IN CLOSETS L HALLWAYS.

36. ALL LIGHTING ATT BUILDINGS ON THE SAME CONTROLLED BY A MAN FOLLOWING AUTO

TROL D MOTION SE DAUTOMATIC TROL A E CLOCK CON HE OUTDOOR LIGHTING HAT PROVIDES THE FUNC TIME CLOCK, DOES NOT HAVE AN OVERR OWS THE LUMINAIRE TO BE ALWAYS

OMATICALLY TURN THE OUTDOOR **VIGHTING THAT IS NOT PERMANEN**

NGLE-FAMILY SITE, SUCH AS DECORAT GULATED BY THE RESIDENTIAL LIGHTI PRIVATE GARAGES AND CARPORT

BE LOW-RISE RESIDENTIAL BUILDINGS AND REQUIREMENTS OF §150.0.

GARAGE RESIDENTIAL LIGHTING R **REQUIRE ALL LUMINAIRES TO BE HIGH EFF** LUMINAIRE IN EACH GARAGE TO BE CONTI 6.6.1

LIGHTING CONTROL SYSTEMS ARE CERTIFICATE OF INSTALLATION (FORM CF2

AULK BETWEEN THE LUMINAIRE SALL ARL LEAK PATHS BETWEEN ES BALLASTS OR DRIVERS. ALLOW 2E AND REPLACEMENT TO BE GOCUPANTS FROM BELOW THE E OD REPLACEMENT TO BE GOCUPANTS FROM BELOW THE E COR ENSURING THAT LUMINAIRES SALLASTS OR DRIVERS ARE UPANT SENSORS (ALSO KNOWN AS PHOTO-CONTROL ASTRONOMICAL DOOR LIGHTING, AND DIMMERS UST HAVE BEEN CERTIFIED TO THE CTURER, 6.3.1 PLICABLE REQUIREMENTS OF THE PHASE CUT DIMMERS MUST COMPLE TYPICALLY NOTED UPANT SENSORS 6.3.2 CANCY SENSORS 6.3.3 ALLED WITCH CONTROL. SARE NOT REQUIRED ON ANY THANK BSOURCE FEET, ON IN RESIDENCE OR TO OTHER IS: NOOR. STIME SWITCH CONTROL. TROL THAT AUTOMATIOALLY OF FOURING ONLIGHT NO, AND IS PROGRAMMED TO LIGHTING OFF DURING DATURDTHAT ON, AND IS PROGRAMMED TO LIGHTING OFF DURING DATURDTHAT ON, AND IS PROGRAMMED TO LIGHTING OFF DURING DATURDTHAT ON, AND IS PROGRAMMED TO LIGHTING OFF DURING DATURDTHAT ON AND IS PROGRAMMED TO LIGHTING OFF DURING DATURDTHAT ON AND IS PROGRAMMED TO LIGHTING OFF DURING DATURDTHAT WITCH CHONTROL. THOMES FROM FERENCE ON ANY THAN BSOULDING ON ANY THAN BSOULD FOR DATURDTHAT ON AND IS PROGRAMMED TO LIGHTING OFF DURING DATURDTHAT DIA DRIVER DATURDTHAT DIA DRIVER DATURDTHAT DIA DRIVER DATURDTHAT DIA DRIVER DATURDTHAT DIA DRIVER DATURDTHAT DIA DRIVER DA	ADJECT NO. AUTOMIC SUPPRIMETER STOP STOP STUDIO STATE STOP STUDIO STATE STOP STOP STOP STOP STOP STOP STOP STOP
TROLLED BY A VACANCY SENSOR. E REQUIRED TO COMPLY WITH THE F2R-LTG) REQUIREMENTS IN §130.4.	Sheet NO.

SPON. PARTY	CHAPTER 3 GREEN BUILDING		N/A RESPO	l.	
	SECTION 301 GENERAL 301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the				2.1.1 Electric Vehicle Cha 4.106.2.2, Item 3, shall c
	application checklists contained in this code. Voluntary green building measures are also included in the 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.			1. The EV <i>Building C</i>	space shall be located adj <i>ode,</i> Chapter 11A, to allov
	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.			to the build	C C
	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. Plumbing fixture replacement is			E	xception: Electric vehicle Building Code, Chapter 11 .106.4.2.2, Item 3.
	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.			Note: Elec Chapter 1	tric Vehicle charging static 1 B.
	301.2 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.			following:	2.2 Electric vehicle chargi
	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 high-rise buildings, no banner will be used.			23	. The minimum length of 2. The minimum width of 3. One in every 25 EV spo aisle. A 5-foot (1524 mm)
	SECTION 302 MIXED OCCUPANCY BUILDINGS 302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building				e EV space is 12 feet (365 a. Surface slope
	shall comply with the specific green building measures applicable to each specific occupancy. ABBREVIATION DEFINITIONS:				horizontal (2.
	HCDDepartment of Housing and Community DevelopmentBSCCalifornia Building Standards CommissionDSA-SSDivision of the State Architect, Structural Safety			branch circ originate a	2.3 Single EV space requi cuit. The raceway shall not t the main service or subp
	OSHPD Office of Statewide Health Planning and Development LR Low Rise HR High Rise			point. The	oximity to the proposed loo service panel and/or subp (s) reserved to permit insta
	AA Additions and Alterations N New			4.106.4.2	2.4 Multiple EV spaces rea ocation of future EV space
	CHAPTER 4 RESIDENTIAL MANDATORY MEASURES			information to verify the have suffic	n on amperage of future E at the electrical panel servi ient capacity to simultanec
	DIVISION 4.1 PLANNING AND DESIGN			raceways c	n shall be based upon a 4 ind related components th spaces shall be installed a
	SECTION 4.102 DEFINITIONS 4.102.1 DEFINITIONS The following terms are defined in Chapter 2 (and are included here for reference)				2.5 Identification. The served for future EV charging
	The following terms are defined in Chapter 2 <i>(and are included here for reference)</i> FRENCH DRAIN. A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar pervious material used to collect or channel drainage or runoff water.				New hotels and motels. future installation of EVSE
	WATTLES. Wattles are used to reduce sediment in runoff. Wattles are often constructed of natural plant materials such as hay, straw or similar material shaped in the form of tubes and placed on a downflow slope. Wattles are also used for perimeter and inlet controls.			Notes:	. Construction document
	4.106 SITE DEVELOPMENT				facilitating future EV cha There is no requirement for use.
	4.106.1 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.			c	
	4.106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION. Projects which disturb less than o 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	ne			earest whole number.
	construction, one or more of the following measures shall be implemented to prevent flooding of adjacent property, preve erosion and retain soil runoff on the site.	nt			TABLE 4.10 TOTAL NUMBE
	 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 approve by the enforcing agency. 				SPACES
	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,				10-25
	or 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)				26-50
	4.106.3 GRADING AND PAVING. Construction plans shall indicate how the site grading or drainage system will manage surface water flows to keep water from entering buildings. Examples of methods to manage surface	ge all			51-75 76-100
	water include, but are not limited to, the following: 1. Swales				101-150 151-200
	 Water collection and disposal systems French drains Water retention gardens Other water measures which keep surface water gway from buildings and sid in groundwater 			A 104 4 3	201 and over
	 Other water measures which keep surface water away from buildings and aid in groundwater recharge. Exception: Additions and alterations not altering the drainage path. 			comply wit	h the following: . The minimum length of
	4.106.4 Electric vehicle (EV) charging for new construction. New construction shall comply with Sections 4.106.4.1, 4.106.4.2, or 4.106.4.3 to facilitate future installation and use of EV chargers. Electric vehicle supply equipment (EVSE) shall be installed in accordance with the <i>California Electrical Code</i> , Article 625.			4.106.4.3	2. The minimum width of e
	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			4.106.4.3	e with Section 4.106.4.2.3 A Multiple EV spaces re n accordance with Section
	infrastructure are not feasible based upon one or more of the following conditions: 1.1 Where there is no commercial power supply. 1.2 Where there is evidence substantiating that meeting the requirements will alter the			4.106.4.3	5.5 Identification. The ser
	local utility infrastructure design requirements on the utility side of the meter so as to increase the utility side cost to the homeowner or the developer by more than \$400.00 per dwelling unit. 2. Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional			and all EVS	5.6 Accessible EV spaces. SE, when installed, shall co the <i>California Building Co</i>
	parking facilities.				
	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 proposed location of an EV charger.				4.2 ENERGY
	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 minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.				. For the purposes of mai
	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			will continue to a	dopt mandatory standards
	location shall be permanently and visibly marked as "EV CAPABLE". 4.106.4.2 New multifamily dwellings. If residential parking is available, ten (10) percent of the total number of parking				
	spaces on a building site, provided for all types of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future EVSE. Calculations for the required number of EV spaces shall be rounded up to the nearest whole number.				
	Notes: Construction documents are intended to demonstrate the project's capability and capacity for facilitating future EV charging. 				
	facilitating tuture EV charging. 2. There is no requirement for EV spaces to be constructed or available until EV chargers are installed for use.				

EN BUILDING STANDARDS CODE

	NDARDS CODE			
MEASURES, SH	DN.	Y N/A RESPON PARTY		RAD STUDIO
ons (EVCS) When EV chargers are installed, EV spaces required at least one of the following options:	DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION		DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY	MODERN ARCHITECTURE P: 530.653.0777 W: WWW.RADSTUDIO.DESIGN
n accessible parking space meeting the requirements of the <i>California</i> e EV charger from the accessible parking space. ble route, as defined in the <i>California Building Code</i> , Chapter 2, ations designed and constructed in compliance with the <i>California</i> required to comply with Section 4.106.4.2.1.1 and Section public housing are required to comply with the <i>California Building Code</i> , EV space) dimensions. The EV space shall be designed to comply with the pace shall be 18 feet (5486 mm). ace shall be 9 feet (2743 mm). ot less than one EV space, shall have an 8-foot (2438 mm) wide num aisle shall be permitted provided the minimum space and the aisle shall not exceed 1 unit vertical in 48 units nt slope) in any direction. a listed raceway capable of accommodating a 208/240- volt dedicated in trade size 1 (nominal 1-inch inside diameter). The raceway shall hall terminate into a listed cabinet, box or enclosure e EV space. Construction documents shall identify the raceway termination provide capacity to install a 40-ampere minimum dedicated branch circuit branch circuit overcurrent protective postruction documents shall also provide ay method(s), wiring schematics and electrical load calculations y and electrical system, including any on-site distribution transformer(s), e all EVs at all required EV spaces at the full rated amperage of the EVSE. minimum branch circuit. Required ned to be installed underground, enclosed, inaccessible or in concealed	 4.303 INDOOR WATER USE 4.303.1 WATER CONSERVING FLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinols) and fittings (faucets and showerheads) shall comply with the sections 4.303.1.1, 4.303.1.2, 4.303.1.3, and 4.303.4.4. Note: All noncompliant plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of accupancy, 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. 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 Specification for Tank-type Toilets. 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. 4.303.1.3 Showerheads. 4.303.1.3 Showerheads. 4.303.1.3 Showerheads. 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 WaterSense Specification for Showerheads. 4.303.1.3.2 Multiple showerheads serving one shower. When a shower is served by more than 0.8 gallons per culted 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 routlet to be in operation at a time. Note: A hand-held shower shall be considered a showerhead. 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 residentia		 4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE 4.406.1 RODENT PROOFING. 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 enforcing agency. 4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING 4.408.1 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING 4.408.4, or meet a more stringent local construction and demolition waste in accordance with either Section 4.408.2, 4.408.3 or 4.408.4, or meet a more stringent local construction and demolition waste management ordinance. Exceptions: Exceptions: Excavated soil and land-clearing debris. Alemate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist or are not located reasonably close to the jobsite. The enforcing agency may make exceptions to the requirements of this section when isolated jobsites are located in areas beyond the haul boundaries of the diversion facility. 4.408.2 CONSTRUCTION WASTE MANGEMENT PLAN. Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sole. Specify if construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sole. Specify if construction and demolition waste materials will be sorted on-site (source separated) or bulk mixed (single stream). Identify diversion facilities where the construction and demolition waste material collected will be taken. Identify construction methods employed to reduce the amount of construction and demolition waste gene	// AGENCY // AGENCY // SEAL // ISSUED // ISSUED
aned to be installed underground, enclosed, inaccessible or in concealed of original construction. For subpanel circuit directory shall identify the overcurrent protective device es as "EV CAPABLE" in accordance with the <i>California Electrical Code</i> . Constructed hotels and motels shall provide EV spaces capable of truction documents shall identify the location of the EV spaces. ded to demonstrate the project's capability and capacity or acces to be constructed or available until EV chargers are installed Spaces. The number of required EV spaces shall be based is provided for all types of parking facilities in accordance with the required number of EV spaces shall be rounded up to the	 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. 4.303.1.4.3 Metering Faucets. Metering faucets when installed in residential buildings shall not deliver 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 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 gallon per minute at 60 psi. Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction. 4.303.2 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>. 		 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./sq.ft. 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 Section 4.408.2, items 1 through 5, Section 4.408.3 or Section 4.408.4 Notes: Sample forms found in "A Guide to the California Green Building Standards Congression (Residential)" located at www.hcd.ca.gov/CALGreen.html may be used to assist in documenting compliance with this section. Mixed construction and demolition debris (C & D) processors can be located on the California Department of Resources Recycling and Recovery (CalRecycle). 	// COPYRIGHTS COPYRIGHT 2023 RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO. STIPULATION FOR REUSE THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW
KING NUMBER OF REQUIRED EV SPACES 0 1 1 2 4 5 7 10 6 percent of total	NOTE: THIS TABLE COMPILES THE DATA IN SECTION 4.303.1, AND IS INCLUDED AS A CONVENIENCE FOR THE USER.TABLE - MAXIMUM FIXTURE WATER USEFIXTURE TYPEFLOW RATESHOWER HEADS (RESIDENTIAL)1.8 GMP @ 80 PSILAVATORY FAUCETS (RESIDENTIAL)MAX. 1.2 GPM @ 60 PSI MIN. 0.8 GPM @ 20 PSILAVATORY FAUCETS IN COMMON & PUBLIC USE AREAS0.5 GPM @ 60 PSIKITCHEN FAUCETS1.8 GPM @ 60 PSIMETERING FAUCETS0.2 GAL/CYCLEWATER CLOSET1.28 GAL/FLUSHURINALS0.125 GAL/FLUSH		 4.410 BUILDING MAINTENANCE AND OPERATION 4.410.1 OPERATION AND MAINTENANCE MANUAL. At the time of final dispection a manual, compact disc, webbased reference or other media acceptable to the enforcing agency which is building and the following shall be placed in the building: Directions to the owner or occupant that the manual shall remain with the building throughout the life cycle of the structure. Operation and maintenance instructions for the following: Equipment and appliances, including rate aving divices and systems, HVAC systems, photovoltaic systems, electric vehicle chargers, wher-heating systems and other major appliances and equipment. Roof and yard drainage, including gatters and downspouts. Space conditioning systems: Water reuse systems. Information from local unity, where and waste recovery providers on methods to further reduce resource consumption actualing nucle programs and locations. Public transportatic analytic carpool uptions available in the area. Educational metrial on the assitive impacts of an interior relative humidity between 30-60 percent and what majors an occupant may use to maintain the relative humidity level in that range. Information reduction accurately and irrigation design and controllers which conserve 	Interesting of Shasha Coolert with a snow Load of 70 PSF or LESS. USE of This Drawing For REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW. // PROJECT NO THE PINE SHED 650
EV space) dimensions. The EV spaces shall be designed to Image: Comparison of the EV space shall be designed to December of the text space shall be 18 feet (5486mm). Image: Comparison of the EV space shall be designed to the text space shall be 9 feet (2743mm) Image: Comparison of the EV space shall be designed to the text space shall be designed to the text space shall be text. Image: Image: Comparison of text space shall be designed to the text space shall be text. Image: Comparison of the text space shall be text. Image: Comparison of the text space shall be text. Image: Comparison of the text space shall be text. Image: Comparison of the text. Image: Comparison of the text space shall be text. Image: Comparison of the text. Image: Comparison of text. Image: Comparison of the text space shall be text. Image: Comparison of the text. Image: Comparison of text. Image: Comparison of the text. Image: Comparison of the text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text. Image: Comparison of text.	 4.304 OUTDOOR WATER USE 4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent. NOTES: 1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the <i>California Code Regulations</i>, Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including wate budget calculator, are available at: https://www.water.ca.gov/ 	r	 water. 7. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away turn the formation. 8. Alternation acrequired routine maintenance measures, including, but not limited to, caulking, politing, grading around the building, etc. 1. Information about state solar energy and incentive programs available. 10. Anopy shall special inspections verifications required by the enforcing agency or this code. 4.41 2 RECYCLING BY OCCUPANTS. Where 5 or more multifamily dwelling units are constructed on a building side, pluside 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, plastic 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 	// CLIENT // MANAGEMENT PROJECT NO: DRAWN BY: CHECKED BY: Checket ISSUE DATE: 9/14/2023 10:21:17 AN COPYRIGHT: RAD STUDIO 2011
ergy efficiency standards in this code, the California Energy Commission			 SECTION 4.501 GENERAL 4.501.1 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 5.102.1 DEFINITIONS The following terms are defined in Chapter 2 (and are included here for reference) AGRIFIBER PRODUCTS. Agrifiber products include wheatboard, strawboard, panel substrates and door cores, not including furniture, fixtures and equipment (FF&E) not considered base building elements. COMPOSITE WOOD PRODUCTS. Composite wood products include hardboard, structural plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, prefabricated wood l-joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section 93120.1. 	// SHEET TITLE
			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.
				A0.4

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE **RESIDENTIAL MANDATORY MEASURES, SHEET 2**

	(g O ³ /g ROC). values for individual compounds and hydrocarbon solvent I.	ts are specified in CCR, Title 17, Sections 94700
MOISTUR	E CONTENT. The weight of the water in wood expressed	in percentage of the weight of the oven-dry wood.
article. The product (ex	-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR PWMIR is the total product reactivity expressed to hundre acluding container and packaging).	dths of a gram of ozone formed per gram of
REACTIVE	AIR is calculated according to equations found in CCR, Tit ORGANIC COMPOUND (ROC). Any compound that he nation in the troposphere.	
with vapor	platile organic compound (VOC) broadly defined as a che pressures greater than 0.1 millimeters of mercury at room and may contain oxygen, nitrogen and other elements. See	temperature. These compounds typically contain
4.503.1 C or pellet sta shall have	FIREPLACES SENERAL. Any installed gas fireplace shall be a direct-ver ove shall comply with U.S. EPA New Source Performance S a permanent label indicating they are certified to meet the shall also comply with applicable local ordinances.	Standards (NSPS) emission limits as applicable, and
4.504.1 C CONSTRU heating, cc covered wi	POLLUTANT CONTROL COVERING OF DUCT OPENINGS & PROTECTION OF ICTION. At the time of rough installation, during storage boling and ventilating equipment, all duct and other relate th tape, plastic, sheet metal or other methods acceptable or debris which may enter the system.	on the construction site and until final startup of the diar distribution component openings shall be
	INISH MATERIAL POLLUTANT CONTROL. Finish mater	rials shall comply with this section.
the require	.504.2.1 Adhesives, Sealants and Caulks. Adhesives, s ments of the following standards unless more stringent loc ent district rules apply:	ealant and caulks used on the project shall meet al or regional air pollution or air quality
	 Adhesives, adhesive bonding primers, adhesi caulks shall comply with local or regional air district rules where applicable or SCAQMD Rule 1168 4.504.1 or 4.504.2, as applicable. Such products also prohibition on the use of certain toxic compounds (chlo methylene chloride, perchloroethylene and tricloroethyl specified in Subsection 2 below. 	pollution control or air quality management VOC limits, as shown in Table o shall comply with the Rule 1168 proform, ethylene dichloride,
	 Aerosol adhesives, and smaller unit sizes of a (in units of product, less packaging, which do not weigh consist of more than 16 fluid ounces) shall comply with its, including prohibitions on use of certain toxic compoun s, Title 17, commencing with section 94507. 	n more than 1 pound and do not statewide VOC standards and other
- 4 1 1 c	.504.2.2 Paints and Coatings. Architectural paints and of the ARB Architectural Suggested Control Measure, as ocal limits apply. The VOC content limit for coatings that oatings categories listed in Table 4.504.3 shall be determ Ionflat or Nonflat-High Gloss coating, based on its gloss,	shown in Table 4.504.3, unless more stringent do not meet the definitions for the specialty ined by classifying the coating as a Flat,
0	f the 2007 California Air Resources Board, Suggested Co Ionflat or Nonflat-High Gloss VOC limit in Table 4.504.3	ntrol Measure, and the corresponding Flat,
	.504.2.3 Aerosol Paints and Coatings. Aerosol paints of	
Limits for R	OC in Section 94522(a)(2) and other requirements, inclu	ding prohibitions on use of certain toxic compounds
and ozone commencir	depleting substances, in Sections 94522(e)(1) and (f)(1) on ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li	of <i>California</i> Code of <i>Regulations</i> , Title 17, no of the Bay Area Air Quality Management District
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) or ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the	of <i>California</i> Code of <i>Regulations</i> , Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) on ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li	of <i>California</i> Code of <i>Regulations</i> , Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) or ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the	of <i>California</i> Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following:
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) of ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, l 1. Manufacturer's product specification.	of <i>California</i> Code of <i>Regulations</i> , Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: s.
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) cong with Section 94520; and in areas under the jurisdiction of y comply with the percent VOC by weight of product lines. .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LINE (Less Water and Less Exempt Compounds in Grams products in Grams pr	of <i>California</i> Code of <i>Regulations</i> , Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: s. NIT 1,2 per Liter)
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) cong with Section 94520; and in areas under the jurisdiction of good with the percent VOC by weight of product lines. .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, lines. Manufacturer's product specification. TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams percent). ARCHITECTURAL APPLICATIONS 	of <i>California</i> Code of <i>Regulations</i> , Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: s. NIT 1,2 per Liter) VOC LIMIT
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) cong with Section 94520; and in areas under the jurisdiction of y comply with the percent VOC by weight of product lines. .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LINE (Less Water and Less Exempt Compounds in Grams products in Grams pr	of <i>California</i> Code of <i>Regulations</i> , Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: s. NIT 1,2 per Liter)
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) comp with Section 94520; and in areas under the jurisdiction of comply with the percent VOC by weight of product list. .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, linear and the verification of on-site product containers. 1. Manufacturer's product specification. 2. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams percent and Less Exempt Compounds in Grams percent and Less INDOOR CARPET ADHESIVES	of <i>California</i> Code of <i>Regulations</i> , Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1,2 per Liter) VOC LIMIT 50
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) cong with Section 94520; and in areas under the jurisdiction of good with the percent VOC by weight of product lises. .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, It is a section of the enforce of the enforce	of California Code of Regulations, Title 17, a of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1,2 ber Liter) 50 50
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) cong with Section 94520; and in areas under the jurisdiction of comply with the percent VOC by weight of product lises. .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, linear and the specification. 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LING (Less Water and Less Exempt Compounds in Grams percent ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES 	of <i>California</i> Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1,2 ber Liter) VOC LIMIT 50 50 60 60
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) cong with Section 94520; and in areas under the jurisdiction of gromply with the percent VOC by weight of product lises. .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, It is a specification. 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams percent ADHESIVES INDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES 	of <i>California</i> Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1,2 per Liter) VOC LIMIT 50 50 150 60 50
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) cong with Section 94520; and in areas under the jurisdiction of comply with the percent VOC by weight of product lises. .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, linear and the specification. 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LING (Less Water and Less Exempt Compounds in Grams percent ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES 	of <i>California</i> Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1,2 ber Liter) VOC LIMIT 50 50 60 60
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams per ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES	of <i>California</i> Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: s. NIT 1,2 per Liter) VOC LIMIT 50 50 50 60 65
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, It 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams per ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES	of California Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1,2 per Liter) VOC LIMIT 50 50 50 60 60 65 50 65 50
and ozone commencir additionall	 depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE	of <i>California</i> Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: s. NIT 1,2 per Liter) VOC LIMIT 50 50 50 65 65 50 65 50 50 70
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES	of <i>California</i> Code of Regulations, Title 17, no of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1,2 Der Liter) VOC LIMIT 50 50 50 65 50 65 50 50 50 50 70 100
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification. Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product container: (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES	of <i>California</i> Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: s. NIT 1,2 per Liter) VOC LIMIT 50 50 50 65 65 50 65 50 50 70
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES	of <i>California</i> Code of Regulations, Title 17, no of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NT 1,2 per Liter) VOC LIMIT 50 50 60 60 60 60 60 60 50 65 50 65 50 70 100 250
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product i.504.2.4 Verification. Verification. Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product container: TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED	of <i>California</i> Code of Regulations, Title 17, no of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NT 1,2 per Liter) VOC LIMIT 50 50 60 60 60 60 60 60 50 65 50 65 50 70 100 250
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS	of <i>California</i> Code of Regulations, Title 17, no of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1,2 per Liter) VOC LIMIT 50 50 50 65 50 50 50 50 50 50 50 50 50 50 50 50 50
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING CPVC WELDING ABS WELDING ABS WELDING ABS WELDING	of <i>California Code of Regulations</i> , Title 17, no of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. IIT 1,2 Der Liter) VOC LIMIT 50 50 50 65 50 65 50 50 50 50 50 50 50 50 50 5
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, l 1. Manufacturer's product specification. 2. Field verification of on-site product containers (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING PLASTIC CEMENT WELDING	of <i>California Code of Regulations</i> , Title 17, no of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NT 1.2 Der Liter) VOC LIMIT 50 50 50 65 50 65 50 50 50 50 50 50 50 50 50 5
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, l 1. Manufacturer's product specification. 2. Field verification of on-site product containers ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING ABS WELDING ABS WELDING ADHESIVE PRIMER FOR PLASTIC	of <i>California Code of Regulations</i> , Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. IT 1.2 per Liter) VOC LIMIT 50 50 50 60 50 65 50 50 50 50 50 50 50 50 50 5
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, l 1. Manufacturer's product specification. 2. Field verification of on-site product containers (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING PLASTIC CEMENT WELDING	of <i>California Code of Regulations</i> , Title 17, no of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: s. NT 1.2 Der Liter) VOC LIMIT 50 50 50 65 50 65 50 50 50 50 50 50 50 50 50 5
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product container: ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES OTHER ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING ABS WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE	of California Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: is section shall be provided at the request of the bout is not limited to, the following: s. IT 1.2 per Liter) VOC LIMIT 50 150 100 660 50 65 50 60 50 100 60 50 100 60 50 50 50 100 60 50 50 50 50 50 50 50 50 50 70 100 250 510 490 325 250 550 80
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product container: (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING ABS WELDING ABS WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE	of California Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1.2 per Liter) VOC LIMIT 50 50 150 100 60 50 50 50 50 50 50 50 50 50 100 60 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 510 490 325 250 80 250
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c ng with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES RUBBER FLOOR ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING ABS WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE	of California Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bot is not limited to, the following: is section shall be provided at the request of the bot is not limited to, the following: s. IT 1,2 per Liter) VOC LIMIT 50 510 490 325 250 80 250
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c 19 with Section 94520; and in areas under the jurisdictior y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES OTHER ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE SIRUCTURAL WOOD MEMBER ADHESIVE TOP & TRIM ADHESIVE	of California Code of Regulations, Title 17, n of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bot is not limited to, the following: is section shall be provided at the request of the bot is not limited to, the following: s. IT 1,2 per Liter) VOC LIMIT 50 510 490 325 250 80 250
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c gr with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with the enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES CERAMIC TILE ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE STRUCTURAL WOOD MEMBRANE ADHESIVE STRUCTURAL WOOD MEMBRANE ADHESIVE STRUCTURAL WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE	of California Code of Regulations, Title 17, of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: ss. IT1,2 per Liter) VOC LIMIT 50 50 150 100 60 510 490 325 250 80 250 30 50
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c gr with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING CPVC WELDING ABS WELDING ADHESIVE ROM FLOORING ADHESIVE STRUCTURAL CEMENT WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD)	of California Code of Regulations, Title 17, of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: is section shall be provided at the request of the bout is not limited to, the following: s. VOC LIMIT 50 50 150 100 60 510 490 325 250 80 250 140 250 50 50 50 <t< td=""></t<>
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c gr with Section 94520; and in areas under the jurisdictior y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, l 1. Manufacturer's product specification. 2. Field verification of on-site product containers ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES SUBFLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES STRUCTURAL GLAZING ADHESIVES SINGLE PLY ROOF MEMBRANE ADHESIVES STRUCTURAL WOOD MEMBRANE ADHESIVE SPECIALTY APPLICATIONS PVC WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD) WOOD	of California Code of Regulations, Title 17, of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: is section shall be provided at the request of the bout is not limited to, the following: s. NIT 1.2 per Litter) VOC LIMIT 50 50 100 60 50 50 50 50 50 50 50 50 50 50 65 50 50 50 50 50 50 50 50 50 50 50 510 490 325 250 550 30 50 50 50 50 50 50 50 <
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c gr with Section 94520; and in areas under the jurisdiction y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, I 1. Manufacturer's product specification. 2. Field verification of on-site product containers TABLE 4.504.1 - ADHESIVE VOC LIN (Less Water and Less Exempt Compounds in Grams p ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING CPVC WELDING ABS WELDING ADHESIVE ROM FLOORING ADHESIVE STRUCTURAL CEMENT WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD)	of California Code of Regulations, Title 17, of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the bout is not limited to, the following: is section shall be provided at the request of the bout is not limited to, the following: s. VOC LIMIT 50 50 150 100 60 510 490 325 250 80 250 140 250 50 50 50 <t< td=""></t<>
and ozone commencir additionall	depleting substances, in Sections 94522(e)(1) and (f)(1) c gr with Section 94520; and in areas under the jurisdictior y comply with the percent VOC by weight of product li .504.2.4 Verification. Verification of compliance with th enforcing agency. Documentation may include, l 1. Manufacturer's product specification. 2. Field verification of on-site product containers ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES SUBFLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES STRUCTURAL GLAZING ADHESIVES SINGLE PLY ROOF MEMBRANE ADHESIVES STRUCTURAL WOOD MEMBRANE ADHESIVE SPECIALTY APPLICATIONS PVC WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD) WOOD	of California Code of Regulations, Title 17, of the Bay Area Air Quality Management District mits of Regulation 8, Rule 49. is section shall be provided at the request of the but is not limited to, the following: is section shall be provided at the request of the but is not limited to, the following: s. WT 1.2 per Liter) VOC LIMIT 50 150 100 665 50 50 50 50 50 100 60 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 510 490 325 250 50 30 250 50 30 50 50 50 50 </td

RCHITECTURAL	
	250
ARINE DECK	760
ONMEMBRANE ROOF	300
	250
NGLE-PLY ROOF MEMBRANE	450
THER	420
EALANT PRIMERS	
RCHITECTURAL	
NON-POROUS	250
POROUS	775
odified bituminous	500
ARINE DECK	760
THER	750
TABLE 4.504.3 - VOC CONTENT LINARCHITECTURAL COATINGS 2,3 GRAMS OF VOC PER LITER OF COATING, LESS WA COMPOUNDS COATING CATEGORY FLAT COATINGS NON-FLAT COATINGS NONFLAT-HIGH GLOSS COATINGS	
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, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
recycled coatings	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
	250
SHELLACS	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS &	100
UNDERCOATERS	100
STAINS	250
stone consolidants	450
	340
TRAFFIC MARKING COATINGS	100
tub & tile refinish coatings	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340
	UDING WATER &

(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					
NON-POROUS	250				
POROUS	775				
MODIFIED BITUMINOUS	500				
MARINE DECK	760				
OTHER	750				

Y N/A RESPON PARTY					RESPO PART
	TABLE 4.504.5 - FORMALDEHYDE LIN	•			
	MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PI				
	HARDWOOD PLYWOOD VENEER CORE HARDWOOD PLYWOOD COMPOSITE CORE	0.05			
	PARTICLE BOARD	0.09			
	MEDIUM DENSITY FIBERBOARD	0.11			
	THIN MEDIUM DENSITY FIBERBOARD 2 1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE				
	BY THE CALIF. AIR RESOURCES BOARD, AIR TOXICS MEASURE FOR COMPOSITE WOOD AS TESTED IN A	CONTROL			
	WITH ASTM E 1333. FOR ADDITIONAL INFORMATI CODE OF REGULATIONS, TITLE 17, SECTIONS 931	ON, SEE CALIF.			<u> </u>
	93120.12. 2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAX THICKNESS OF 5/16" (8 MM).	XIMUM			
	DIVISION 4.5 ENVIRONMENTAL QUAL 4.504.3 CARPET SYSTEMS. All carpet installed in the building interior s of at least one of the following: 1. Carpet and Rug Institute's Green Label Plus Program. 2. California Department of Public Health, "Standard Method f	shall meet the testing and product requirem	ents		
	Organic Chemical Emissions from Indoor Sources Using Environmental C February 2010 (also known as Specification 01350). 3. NSF/ANSI 140 at the Gold level. 4. Scientific Certifications Systems Indoor AdvantageTM Gold.				
	4.504.3.1 Carpet cushion. All carpet cushion installed in the brequirements of the Carpet and Rug Institute's Green Label prog				
	4.504.3.2 Carpet adhesive. All carpet adhesive shall meet the				
	4.504.4 RESILIENT FLOORING SYSTEMS. Where resilient flooring is i		ng		
	resilient flooring shall comply with one or more of the following: 1. Products compliant with the California Department of Public	c Health "Standard Method for the Testing			
	and Evaluation of Volatile Organic Chemical Emissions from Chambers," Version 1.1, February 2010 (also known as Specification 013	m Indoor Sources Using Environmental			
	Emitting Material in the Collaborative for High Performance Schools (CHI 2. Products certified under UL GREENGUARD Gold (formerly t	PS) High Performance Products Datab			
	program). 3. Certification under the Resilient Floor Covering Institute (RFC	CI) FloorScore program.			
	 Meet the California Department of Public Health, "Standard Volatile Organic Chemical Emissions from Indoor Sources U 1.1, February 2010 (also known as Specification 01350). 				
	 4.504.5 COMPOSITE WOOD PRODUCTS. Hardwood plywood, particol composite wood products used on the interior or exterior of the buildings as specified in ARB's Air Toxics Control Measure for Composite Wood (17) 	shall meet the requirements for formaldehy			
	the dates specified in those sections, as shown in Table 4.504.5				
	4.504.5.1 Documentation. Verification of compliance with this the enforcing agency. Documentation shall include at least one of the following the enforcement of the second sec		у		
	1. Product certifications and specifications.				
	 Chain of custody certifications. Product labeled and invoiced as meeting the Corr CCR, Title 17, Section 93120, et seq.). Exterior grade products marked as meeting the PS Wood Association, the Australian AS/NZS 2269, European CSA 0121, CSA 0151, CSA 0153 and CSA 0325 standard 5. Other methods acceptable to the enforcing agence 	5-1 or PS-2 standards of the Engineered 636 3S standards, and Canadian ds.			
	 4.505 INTERIOR MOISTURE CONTROL 4.505.1 General. Buildings shall meet or exceed the provisions of the C 4.505.2 CONCRETE SLAB FOUNDATIONS. Concrete slab foundation California Building Code, Chapter 19, or concrete slab-on-ground floors 	ns required to have a vapor retarder by s required to have a vapor retarder by the			
	California Residential Code, Chapter 5, shall also comply with this section 4.505.2.1 Capillary break. A capillary break shall be installed				
	following: 1. A 4-inch (101.6 mm) thick base of 1/2 inch (12.7 provided with a vapor barrier in direct contact with concret which will address bleeding, shrinkage, and curling, shall be used. For a information, see American Concrete Institute, ACI 302.2R-06. 2. Other equivalent methods approved by the enforce 3. A slab design specified by a licensed design profe	te and a concrete mix design, dditional cing agency.			
	4.505.3 MOISTURE CONTENT OF BUILDING MATERIALS. Building a shall not be installed. Wall and floor framing shall not be enclosed when moisture content. Moisture content shall be verified in compliance with the	materials with visible signs of water damage the framing members exceed 19 percent	÷		
	 Moisture content shall be determined with either a probe-typ meter. Equivalent moisture verification methods may be appresatisfy requirements found in Section 101.8 of this code. Moisture readings shall be taken at a point 2 feet (610 mm stamped end of each piece verified. At least three random moisture readings shall be performed documentation acceptable to the enforcing agency provided 	oroved by the enforcing agency and shall) to 4 feet (1219 mm) from the grade I on wall and floor framing with			
	wall and floor framing. Insulation products which are visibly wet or have a high moisture content enclosure in wall or floor cavities. Wet-applied insulation products shall f recommendations prior to enclosure.			D	
	4.506 INDOOR AIR QUALITY AND EXHAUST 4.506.1 Bathroom exhaust fans. Each bathroom shall be mechanically following:	v ventilated and shall comply with the	7		Þ
	 Fans shall be ENERGY STAR compliant and be ducted to te Unless functioning as a component of a whole house ventile humidity control. 				
	 a. Humidity controls shall be capable of adjustment than or equal to 50% to a maximum of 80%. A humidity conductation means of adjustment. b. A humidity control may be a separate component be integral (i.e., built-in) 	ontrol may surfize manual or			
	 For the purposes of this section, a bathroom is a tub/shower combination. Lighting integral to bathroom exhaust fans that each section. 				
1 1	4.507 ENVIRONMENTAL COMFORT				
	4.507.2 HEATING AND AIR-CONDITIONING SYSTEM DESIGN. He sized, designed and have their equipment selected using the following me				
			I		

NOT APPLICABLE RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

CHAPTER 7

INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS 702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of +VAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Incertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained nd certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training nd certification programs include but are not limited to the following:

- 1. State certified apprenticeship programs.
- 2. Public utility training programs. 3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
- 4. Programs sponsored by manufacturing organizations. 5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible ntity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties ecessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of e enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or ualifications acceptable to the enforcing agency, the following certifications or education may be considered by the nforcing agency when evaluating the qualifications of a special inspector:

- 1. Certification by a national or regional green building program or standard publisher.
- 2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
- 3. Successful completion of a third party apprentice training program in the appropriate trade.
- 4. Other programs acceptable to the enforcing agency.

- 1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).
- 3SC] When required by the enforcing agency, 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. pecial inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of nspection or task to be performed. In addition, the special inspector shall have a certification from recognized state, national or international association, as determined by the local agency. The area of certification shall e 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 ney are inspecting for compliance with this code.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not mited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other nethods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or pecial inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section r identified applicable checklist.



	CALIFOR	
	// ISSUED	
REVIS	SION # DATE DESCRIPTION	
	// COPYRIGHTS	
	COPYRIGHT 2023 RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETAR INFORMATION, INCLUDING, WITHOUT LIMITATIC METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO OR ACQUIRED DURING THE DEVELOPMENT OF T PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO.	DN, D, HIS
	STIPULATION FOR REUSE THE DRAWING WAS PREPARED IN CONTRACT WIT SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNO LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PRO. REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIL OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW.	Y DW JECT = DE
	// PROJECT NO	
	THE PINE SHED 650	
	// CLIENT	
	// MANAGEMENT	

RAD STUDIC

P: 530.653.0777

// AGENCY

// SEAL

W: WWW.RADSTUDIO.DESIGN

MODERN ARCHITECTURE

PROJECT NO:	
DRAWN BY:	Author
CHECKED BY:	Checker
ISSUE DATE:	9/14/2023 10:21:18 AM
COPYRIGHT:	RAD STUDIO 2019

// SHEET TITLE

CALGREEN NOTES

11	SHEET	NO.

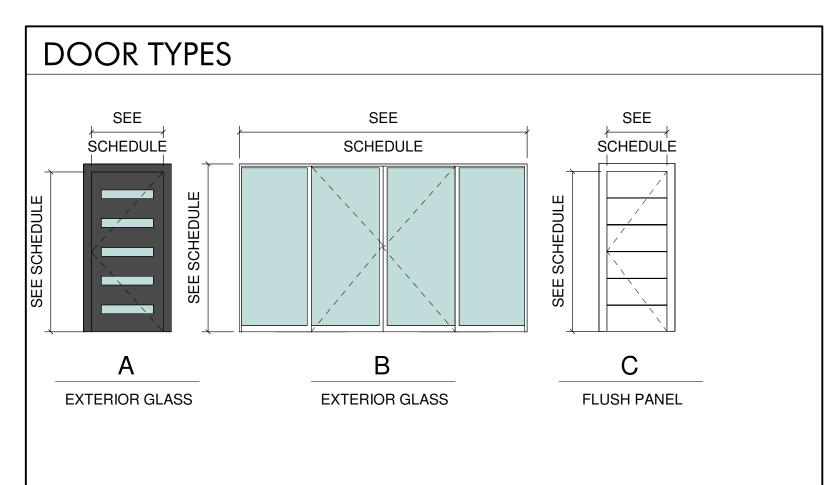
A0.5

	WINDOW SCHEDULE								
TYPE	ROUGH	OPENING			_				
MARK	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	QTY.	COMMENTS		
А	3' - 0"	1' - 6"	Fixed1	FIBERGLASS	BLACK	1			
В	3' - 0"	1' - 6"	Window-Awning-Single	FIBERGLASS	BLACK	3			
C.1	3' - 0"	2' - 6"	Single Hung	FIBERGLASS	BLACK	2	EGRESS		
C.2	3' - 0"	4' - 0"	Fixed1	FIBERGLASS	BLACK	2			
D	8' - 0"	1' - 6"	Fixed1	FIBERGLASS	BLACK	3			
E	6' - 0"	1' - 6"	Fixed1	FIBERGLASS	BLACK	1			

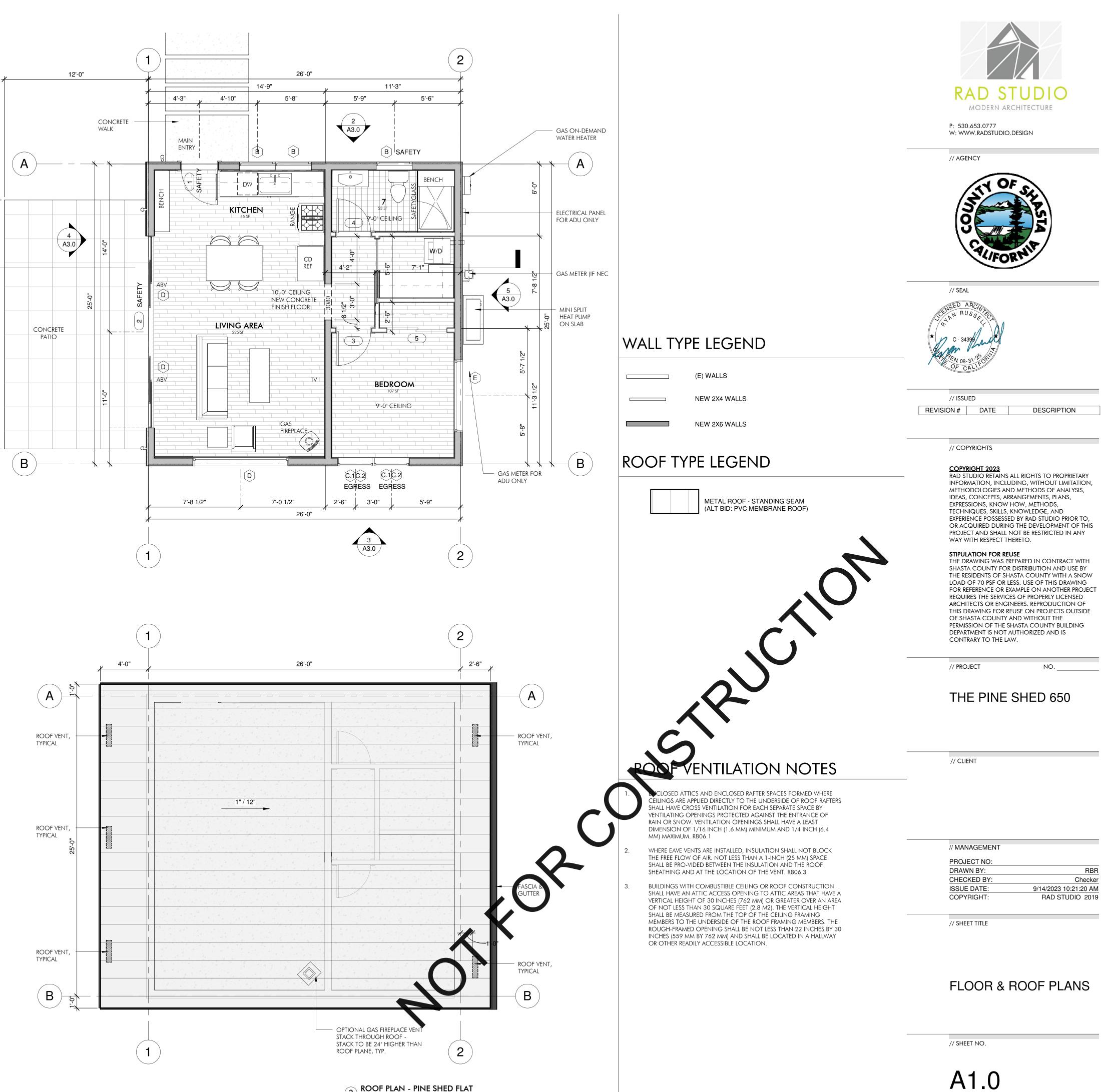
 \checkmark

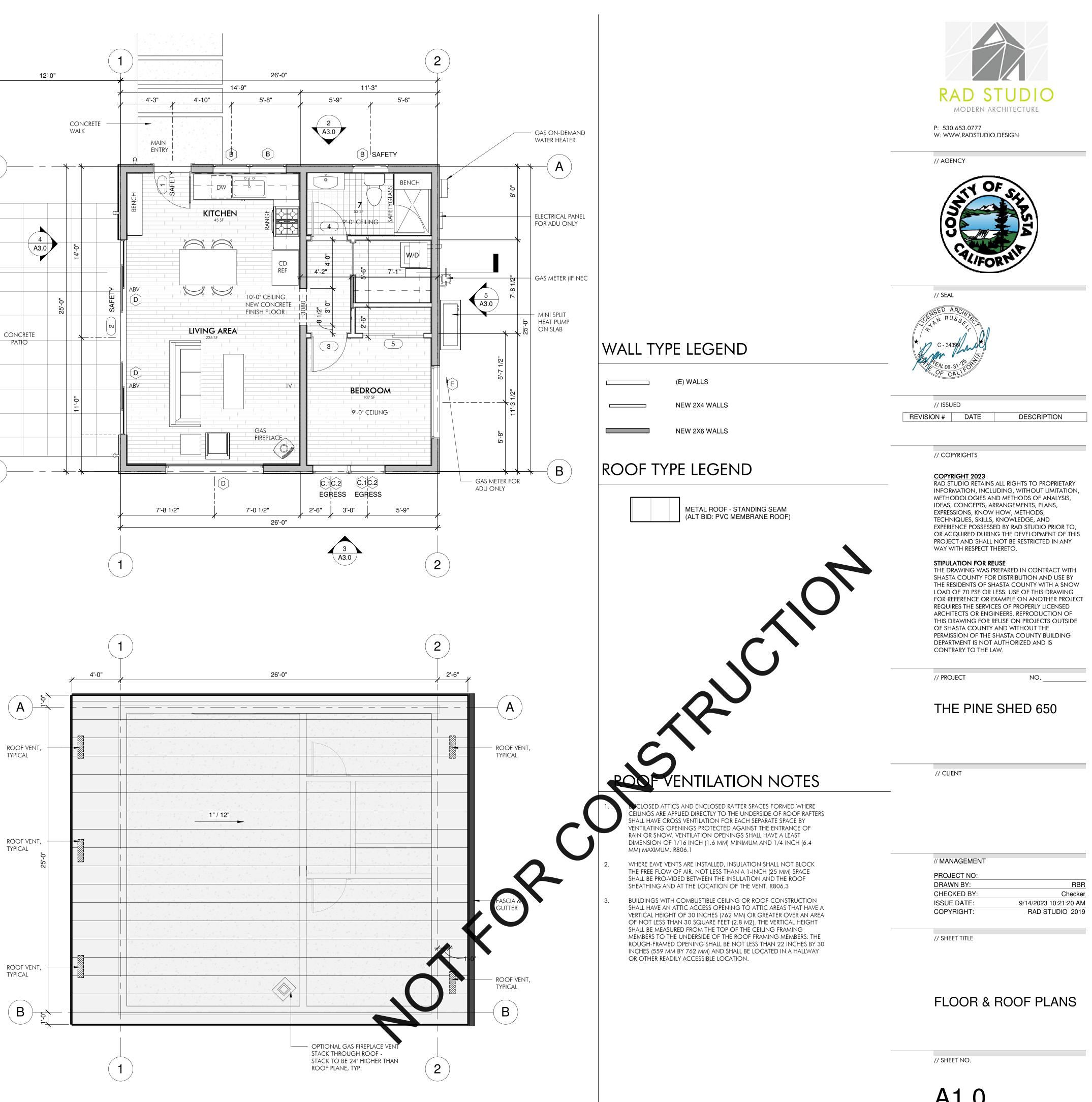
6 A3.0

DOOR SCHEDULE								
TYPE MARK	WIDTH	HEIGHT	TYPE	COMMENTS				
1	3' - 0"	6' - 8"	A					
2	16' - 0"	6' - 8"	В					
3	2' - 10"	6' - 8"	С					
4	2' - 10"	6' - 8"	С					
5	5' - 0"	6' - 8"	С					



ATTIC VENT CALCS:									
LOCATION	roof sf	1 / 300 VENTED AREA REQ'D. HIGH & LOW	60% LOW VENTS REQ'D	40% HIGH VENTS REQ'D	NO. OF LOW VENT'G REQ'D	NO. OF HIGH VENT'G REQ'D			
ROOF TOTAL	650 SF	312 SQ. IN.	188 SQ. IN.	124 SQ. IN.	3 VENTS	2 vents			
MORE THAN 50% OF THE REQUIRED VENTILATION AREA IS PROVIDED BY VENT LOCATED IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE. UPPER VENTS SHALL BE LOCATED NOT MORE THAN THREE FEET BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. NOT LESS THAN 1" SPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING AND AT THE LOCATION OF THE VENT VENTING SUMMARY (WILDLAND APPROVED): (650 SQ. FT.) x (144 SQ. IN.) = 93,600 SQ. IN.									
(93,600 SQ. IN.) /	' (300 HIGH / LOW	ψ = 312 SQ. IN. VENT AI	REA						
HIGH: (124 SQ. IN.) VENTS: VULCAN VENT VE5522S: 75 SQ. IN. NFVA - (124 SQ. IN. / 75 SQ. IN.) NFVA = 2 VENTS REQUIRED, 2 PROVIDED									
LOW: (188 SQ. IN VENTS: VULCAN V		SQ. IN. NFVA - (188 SQ.	IN. / 75 SQ. IN.) NFVA =	= 3 VENTS REQUIRED,	, 3 PROVIDED				

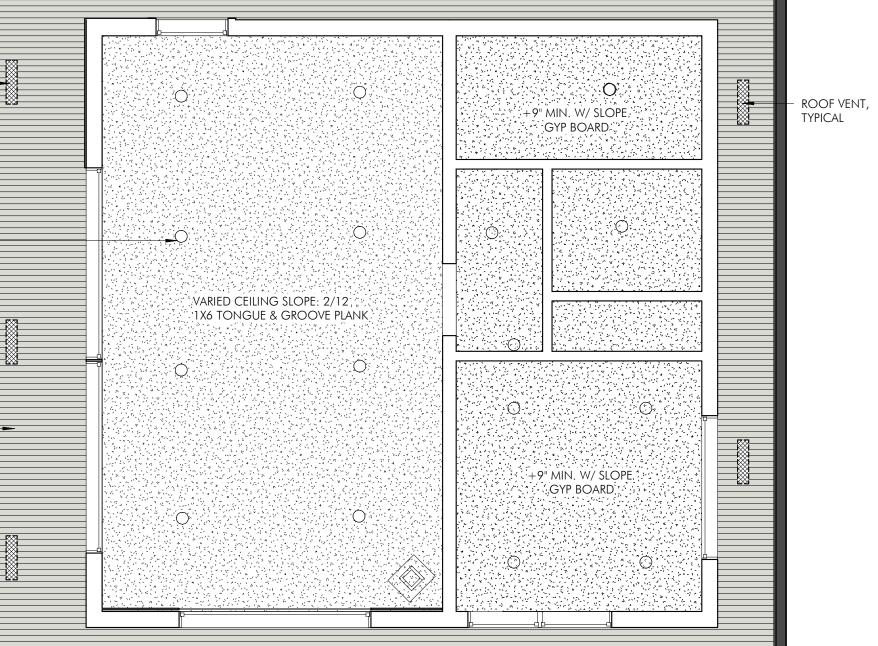




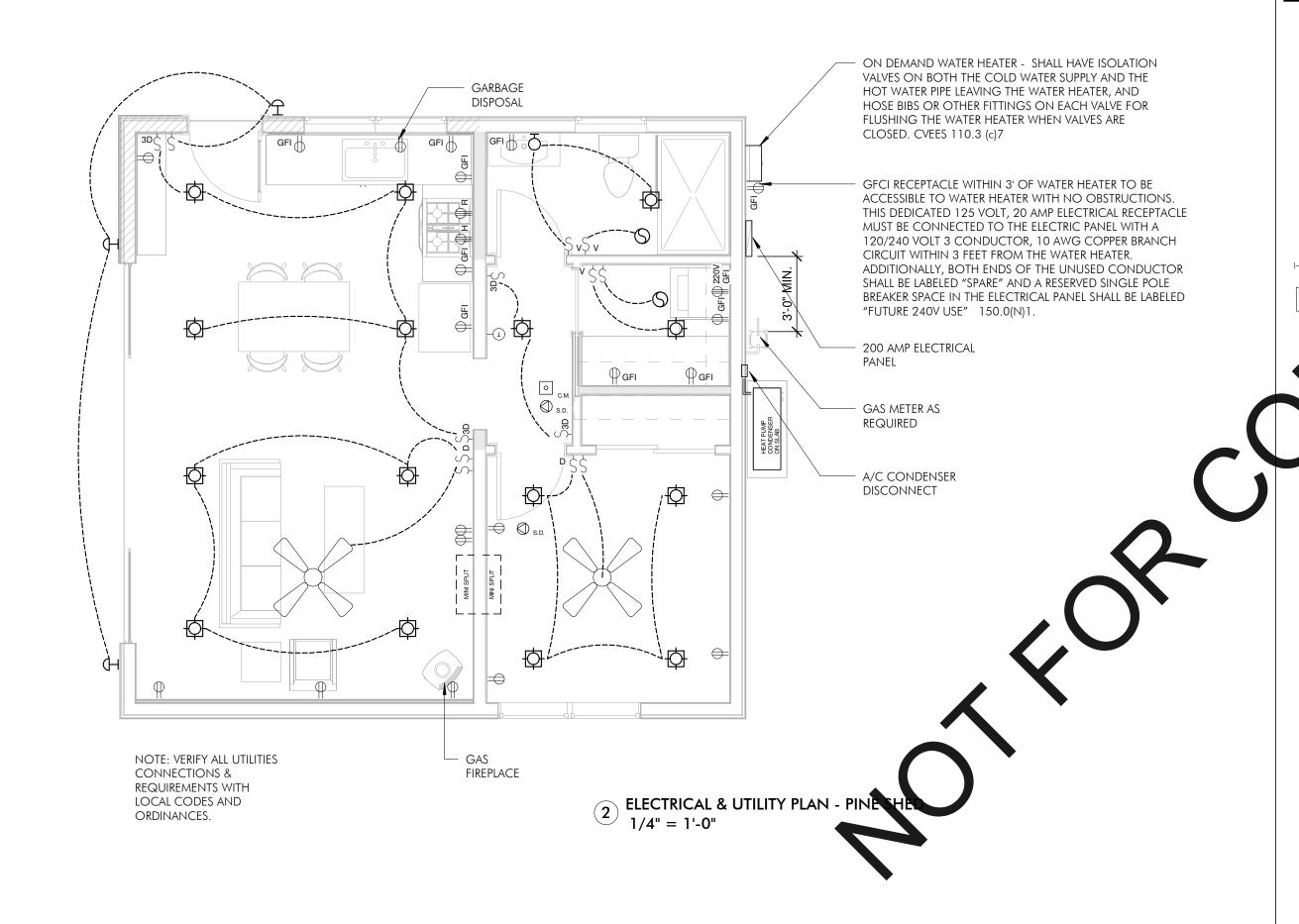
LED RECESSED CAN -----LIGHTS, TYPICAL REFER TO ELECTRICAL PLAN

PRIMARY OPTION: -1X6 T&G CEDAR Plank Soffit O/ 1 Layer 5/8" 'Type X' Gyp Board

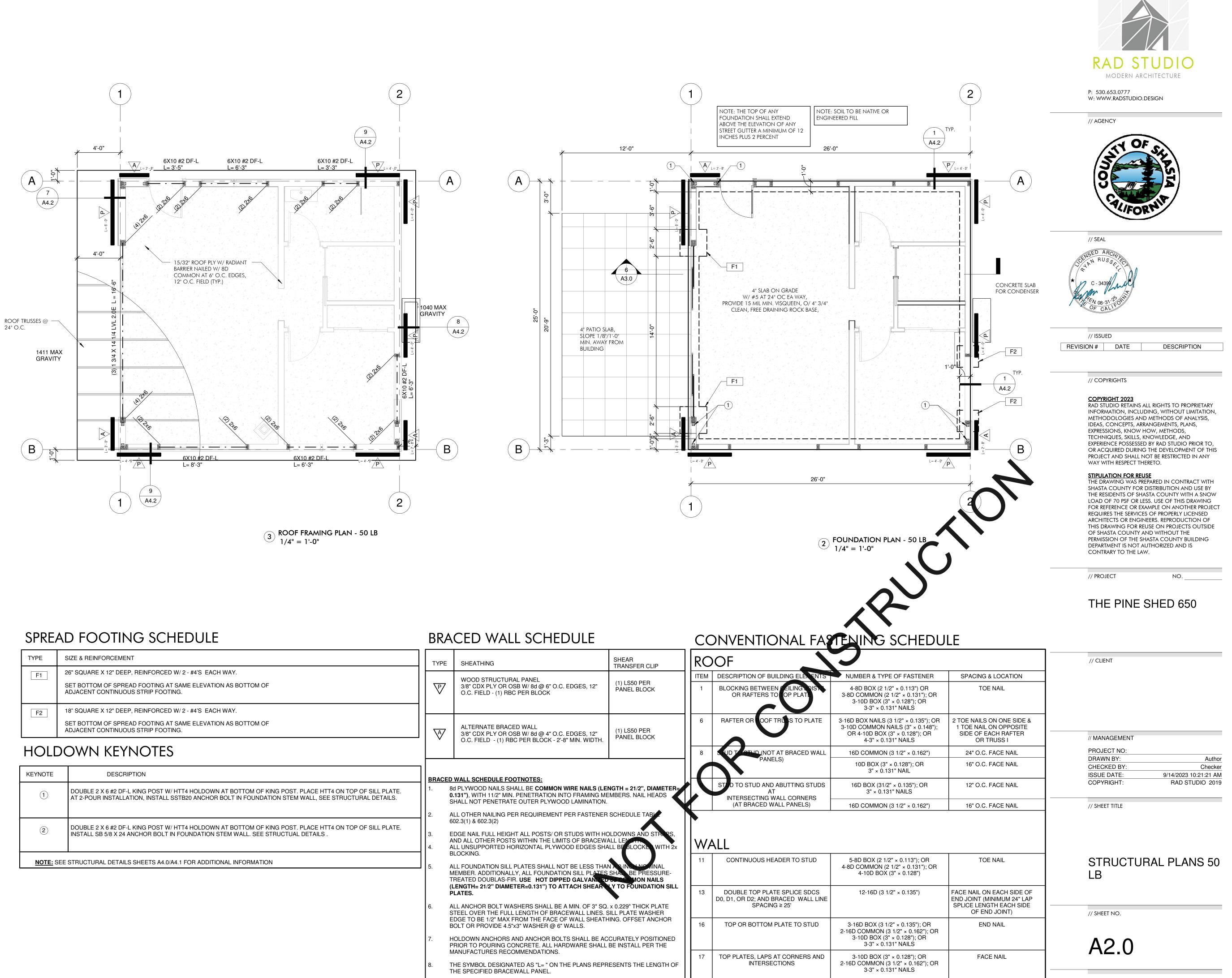
ALT OPTION 1: ACRYLIC STUCCO O/ LATH



1 CEILING PLAN 1/4" = 1'-0"

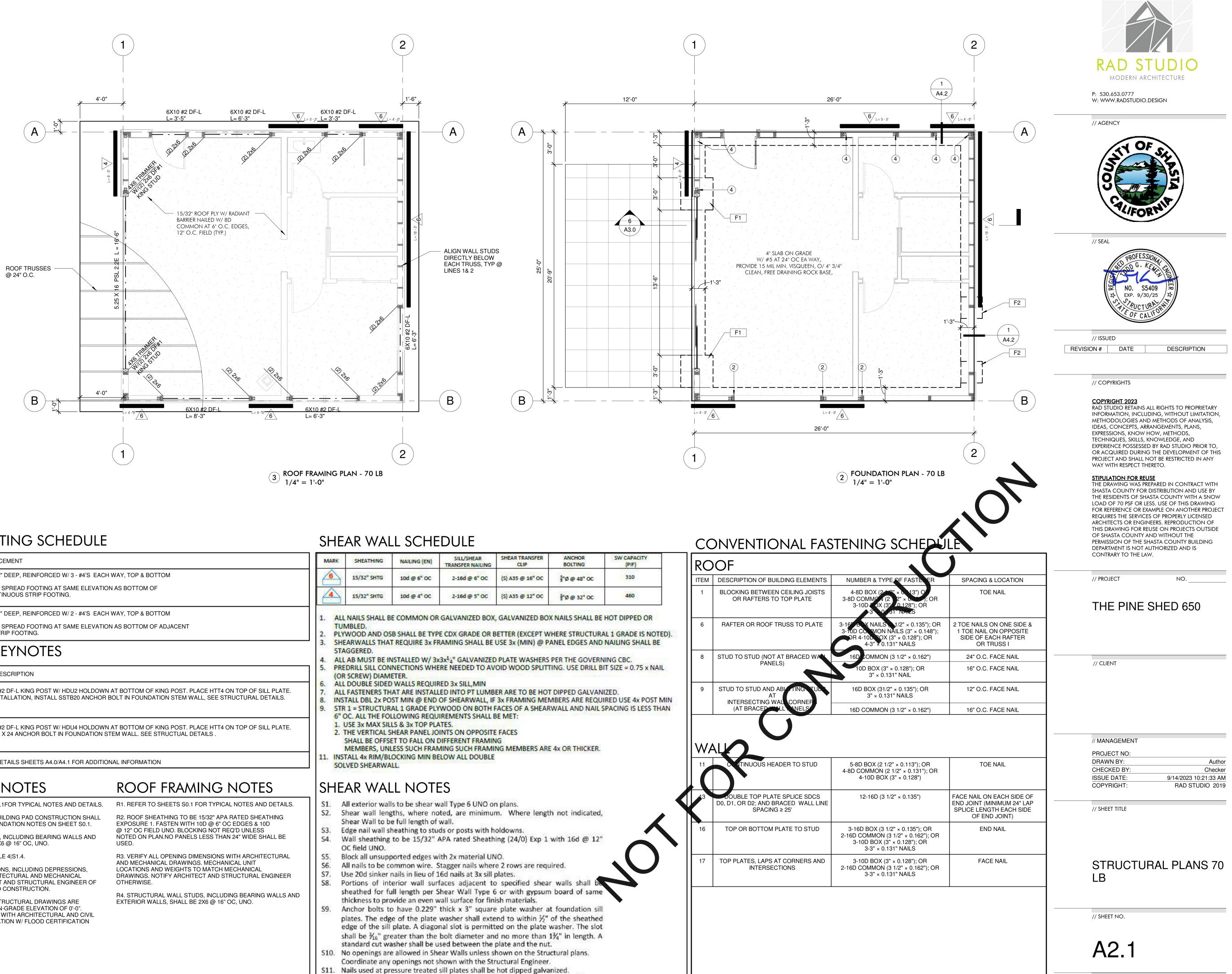


		RAD STUDIO
		MODERN ARCHITECTURE P: 530.653.0777 W: WWW.RADSTUDIO.DESIGN
		// AGENCY
		STIN OF SHIPS
		// SEAL
		$\begin{array}{c} C = 34399 \\ \bullet \\ \hline \\ \hline$
		// ISSUED
		REVISION # DATE DESCRIPTION
		// COPYRIGHTS
		COPYRIGHT 2023 RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO.
ELECT	RICAL LEGEND	STIPULATION FOR REUSE THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW
NOTE: ALL	LIGHTS TO BE HIGH EFFICACY AND ALL OUTLETS MPER RESISTANT AND HAVE ARC FAULT PROTECTION.	LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE
ۍ سي م	SINGLE POLE WALL SWITCH, +48" U.N.O. THREE WAY WALL SWITCH, +48" U.N.O.	OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW.
⊳⇔ ⇔	FOUR WAY WALL SWITCH, +48" U.N.O. DIMMER WALL SWITCH, +48" U.N.O. VACANCY SENSOR WALL SWITCH (MANUAL ON/AUTO &	// PROJECT NO
∿∿	MANUAL-OFF) ASTRONOMIC L TIME CLOCK CONTROL	THE PINE SHED 650
(T)	SMART THE AMOST AT BY 'NEST' BRAND HIGH EFFICACY UNDER CABINET FIXTURE HIGH EFFICACY CEILING FIXTURE, SURFACE MOUNTED 1X4 LED	
	HIGH EFFICACY CEILING FIXTURE, SURFACE MOUNTED HIGH EFFICACY CEILING FIXTURE, RECESSED DOWNLIGHT (LED)	// CLIENT
	HIGH EFFICACY CEILING FIXTURE, RECESSED 4" GIMBAL (LED) HIGH EFFICACY CEILING FIXTURE, PENDANT	
Ψ P -ϕ	HIGH EFFICACY DIRECTIONAL SPOT LIGHT	
ю Н	HIGH EFFICACY WALL FIXTURE, SURFACE MOUNTED HIGH EFFICACY OUTDOOR WALL FIXTURE, SURFACE MOUNTED	// MANAGEMENT
S +	CEILING EXHAUST FAN TO OUTSIDE AIR, RECESSED, 50 CFM PROVIDE HUMIDISTAT IN BATHROOM DUPLEX OUTLET, 120V, +12" U.N.O.	PROJECT NO: DRAWN BY: RBR
→ → wp	FOURPLEX OUTLET, 120V, +12" U.N.O. WEATHER PROOF DUPLEX OUTLET W/ G.F.I., 120V, +12" U.N.O.	CHECKED BY:CheckerISSUE DATE:9/14/2023 10:21:32 AMCOPYRIGHT:RAD STUDIO 2019
	WEATHER PROOF DUPLEX OUTLET W/ G.F.I., 120V, LOCATED IN EAVE / SOFFIT	
GFI	DUPLEX OUTLET W/ GROUND FAULT CIRCUIT-INTERRUPTER, 120V, +12" U.N.O.	// SHEET TITLE
	FOURPLEX FLOOROUTLET, 120V	
		CEILING AND
220V	220V OUTLET, +12" U.N.O. SMOKE DETECTOR (DIRECT WIRED - 110v W/ BATTERY BACK-UP)	ELECTRICAL PLAN
о _{с.м.}	CARBON MONOXIDE DETECTOR	
	CABLE TELEVISION JACK TELEPHONE JACK	// SHEET NO.
	CEILING FAN, U.O.N 3 SPEED W/ REVERSE 7' MINIMUM HEADROOM, TYP. & BOXES PER NEC 4-22-18.	A1.1
$\langle \rangle \rangle$		



-						
TYPE	SIZE & REINFORCEMENT	TYPE	SHEATHING	SHEAR TRANSFER CLIP	RC	OOF
F1	26" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH WAY. SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.		WOOD STRUCTURAL PANEL 3/8" CDX PLY OR OSB W/ 8d @ 6" O.C. EDGES, 12" O.C. FIELD - (1) RBC PER BLOCK	(1) LS50 PER PANEL BLOCK	ITEM	DESCRIPTION OF BU BLOCKING BETWEE OR RAFTERS T
	18" SQUARE X 12" DEEP, REINFORCED W/2 - #4'S EACH WAY. SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.		ALTERNATE BRACED WALL 3/8" CDX PLY OR OSB W/ 8d @ 4" O.C. EDGES, 12" O.C. FIELD - (1) RBC PER BLOCK - 2'-8" MIN. WIDTH.	(1) LS50 PER PANEL BLOCK	6	RAFTER OR LOOF
KEYNOTE	DOWN KEYNOTES DESCRIPTION		WALL SCHEDULE FOOTNOTES:		8	SNUD TO STUD (NOT PANE
1)	DOUBLE 2 X 6 #2 DF-L KING POST W/ HTT4 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. AT 2-POUR INSTALLATION, INSTALL SSTB20 ANCHOR BOLT IN FOUNDATION STEM WALL, SEE STRUCTURAL DETAILS.	1. 8	BI PLYWOOD NAILS SHALL BE COMMON WIRE NAILS (LE 0.131'') , WITH 11/2" MIN. PENETRATION INTO FRAMING MI SHALL NOT PENETRATE OUTER PLYWOOD LAMINATION	EMBERS. NAIL HEADS		STID TO STUD AND AT INTERSECTING V (AT BRACED W
2	DOUBLE 2 X 6 #2 DF-L KING POST W/ HTT4 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. INSTALL SB 5/8 X 24 ANCHOR BOLT IN FOUNDATION STEM WALL. SEE STRUCTUAL DETAILS .	3.	ALL OTHER NAILING PER REQUIREMENT PER FASTENEF 502.3(1) & 602.3(2) EDGE NAIL FULL HEIGHT ALL POSTS/ OR STUDS WITH H AND ALL OTHER POSTS WITHIN THE LIMITS OF BRACEW ALL UNSUPPORTED HORIZONTAL PLYWOOD EDGES SH BLOCKING.	OLDOWNS AND STRUPS, ALL LENGTHS	W,	ALL
<u>NOTE:</u> S	SEE STRUCTURAL DETAILS SHEETS A4.0/A4.1 FOR ADDITIONAL INFORMATION	5.	ALL FOUNDATION SILL PLATES SHALL NOT BE LESS THA MEMBER. ADDITIONALLY, ALL FOUNDATION SILL PLATES TREATED DOUBLAS-FIR. USE HOT DIPPED GALVANIES LENGTH= 21/2" DIAMETER=0.131") TO ATTACH SHEAR	SHALL BE PRESSURE-	11	CONTINUOUS HE
		6.	PLATES. ALL ANCHOR BOLT WASHERS SHALL BE A MIN. OF 3" SQ STEEL OVER THE FULL LENGTH OF BRACEWALL LINES. EDGE TO BE 1/2" MAX FROM THE FACE OF WALL SHEATI	SILL PLATE WASHER	13	DOUBLE TOP PLA D0, D1, OR D2; AND E SPACIN
		7.	BOLT OR PROVIDE 4.5"x3" WASHER @ 6" WALLS. HOLDOWN ANCHORS AND ANCHOR BOLTS SHALL BE AC PRIOR TO POURING CONCRETE. ALL HARDWARE SHALL	CCURATELY POSITIONED	16	TOP OR BOTTOM
		8.	MANUFACTURES RECOMMENDATIONS. THE SYMBOL DESIGNATED AS "L= " ON THE PLANS REPF THE SPECIFIED BRACEWALL PANEL.	RESENTS THE LENGTH OF	17	TOP PLATES, LAPS J INTERSE

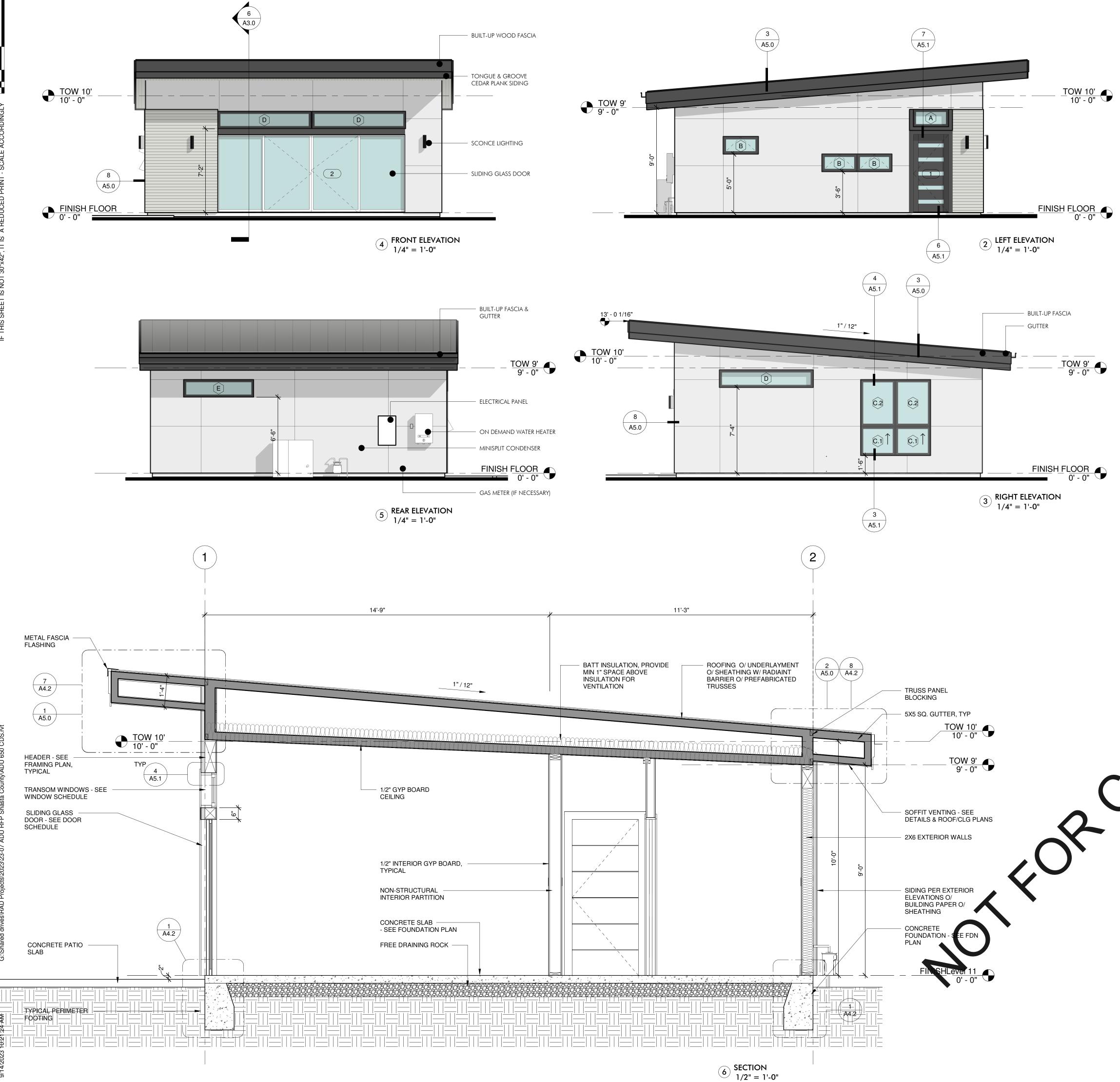
• • • • • • • • •						
TYPE	SIZE & REINFORCEMENT	ТҮРЕ	SHEATHING	SHEAR TRANSFER CLIP	RC	DOF
F1	26" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH WAY. SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.		WOOD STRUCTURAL PANEL 3/8" CDX PLY OR OSB W/ 8d @ 6" O.C. EDGES, 12" O.C. FIELD - (1) RBC PER BLOCK	(1) LS50 PER PANEL BLOCK	ITEM	DESCRIPTION OF BU BLOCKING BETWEE OR RAFTERS T
F2	18" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH WAY. SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.		ALTERNATE BRACED WALL 3/8" CDX PLY OR OSB W/ 8d @ 4" O.C. EDGES, 12" O.C. FIELD - (1) RBC PER BLOCK - 2'-8" MIN. WIDTH.	(1) LS50 PER PANEL BLOCK	6	RAFTER OR ROOF
HOL	DOWN KEYNOTES				8	SNUD TO GTUD (NOT PANE
KEYNOTE	DESCRIPTION	BRACE	D WALL SCHEDULE FOOTNOTES:			
	DOUBLE 2 X 6 #2 DF-L KING POST W/ HTT4 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. AT 2-POUR INSTALLATION, INSTALL SSTB20 ANCHOR BOLT IN FOUNDATION STEM WALL, SEE STRUCTURAL DETAILS.		8d PLYWOOD NAILS SHALL BE COMMON WIRE NAILS (LE 0.131'') , WITH 11/2" MIN. PENETRATION INTO FRAMING M SHALL NOT PENETRATE OUTER PLYWOOD LAMINATION	EMBERS. NAIL HEADS		STID TO STUD AND AT INTERSECTING V (AT BRACED W
(2)	DOUBLE 2 X 6 #2 DF-L KING POST W/ HTT4 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. INSTALL SB 5/8 X 24 ANCHOR BOLT IN FOUNDATION STEM WALL. SEE STRUCTUAL DETAILS .	3. 4.	 ALL OTHER NAILING PER REQUIREMENT PER FASTENER SCHEDULE TABLE 602.3(1) & 602.3(2) EDGE NAIL FULL HEIGHT ALL POSTS/ OR STUDS WITH HOLDOWNS AND STRUCK AND ALL OTHER POSTS WITHIN THE LIMITS OF BRACEWALL LENGTHER ALL UNSUPPORTED HORIZONTAL PLYWOOD EDGES SHALL BE BLOCKED WITH BLOCKING. 		W,	ALL
<u>NOTE:</u> S	SEE STRUCTURAL DETAILS SHEETS A4.0/A4.1 FOR ADDITIONAL INFORMATION	5.	ALL FOUNDATION SILL PLATES SHALL NOT BE LESS THA MEMBER. ADDITIONALLY, ALL FOUNDATION SILL PLATES TREATED DOUBLAS-FIR. USE HOT DIPPED GALVANIZED (LENGTH= 21/2" DIAMETER=0.131") TO ATTACH SHEAR	S SHALL BE PRESSURE- D Sal COMMON NAILS	11	CONTINUOUS HE
		6.	PLATES. ALL ANCHOR BOLT WASHERS SHALL BE A MIN. OF 3" SQ STEEL OVER THE FULL LENGTH OF BRACEWALL LINES.	0. x 0.229" THICK PLATE SILL PLATE WASHER	13	DOUBLE TOP PLA D0, D1, OR D2; AND E SPACIN
		7.	EDGE TO BE 1/2" MAX FROM THE FACE OF WALL SHEAT BOLT OR PROVIDE 4.5"x3" WASHER @ 6" WALLS. HOLDOWN ANCHORS AND ANCHOR BOLTS SHALL BE AC	CCURATELY POSITIONED	16	TOP OR BOTTOM
		8.	PRIOR TO POURING CONCRETE. ALL HARDWARE SHALL MANUFACTURES RECOMMENDATIONS. THE SYMBOL DESIGNATED AS "L= " ON THE PLANS REPF THE SPECIFIED BRACEWALL PANEL.		17	TOP PLATES, LAPS / INTERSEC



SPREAD FOOTING SCHEDULE

JEKE	AD FOOTING SCHEDULE		JIIL								JNVENIIO
TYPE	SIZE & REINFORCEMENT		MARK	SHEATHING	NAILING (EN)	SILL/SHEAR TRANSFER NAILING	SHEAR TRANSFER CLIP	ANCHOR	SW CAPACITY (PIF)		OF
F1	42" SQUARE X 12" DEEP, REINFORCED W/ 3 - #4'S EACH	I WAY, TOP & BOTTOM	6	15/32" SHTG	10d @ 6" OC	2-16d @ 6" OC	(S) A35 @ 16" OC	5"Ø@ 48" OC	310	ITEM	DESCRIPTION OF BUI
	SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION ADJACENT CONTINUOUS STRIP FOOTING.	IN AS BOTTOM OF	4	15/32" SHTG	10d @ 4" OC	2-16d @ 5* OC	(S) A35 @ 12" OC	≨"Ø @ 32" OC	460	1	BLOCKING BETWEEN OR RAFTERS TO
F2	24" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH	I WAY, TOP & BOTTOM	1 411	NAUS SHALL B	E COMMON OF	GALVANIZED BOX	GALVANIZED BO	X NAUS SHALL BE	HOT DIPPED OR		
	SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATIC CONTINUOUS STRIP FOOTING.	N AS BOTTOM OF ADJACENT	2. PLY	MBLED. WOOD AND OS	B SHALL BE TY	PE CDX GRADE OR	BETTER (EXCEPT W	HERE STRUCTUR	AL 1 GRADE IS NOTED).	6	RAFTER OR ROOF T
HOL	down keynotes		4. ALL	AGGERED. AB MUST BE I	STALLED W/ 3	x3x ¹ / ₄ " GALVANIZE	PLATE WASHERS	PER THE GOVER	NING CBC.	8	STUD TO STUD (NOT PANEL
KEYNOTE	DESCRIPTION		(OR	SCREW) DIAM	ETER.	NUT CONTRACTOR	OID WOOD SPLIT	TING. USE DRILL B	IT SIZE = 0.75 x NAIL		
(2)		AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE.	7. ALL	FASTENERS TH	AT ARE INSTAL	RED 3x SILL, MIN LED INTO PT LUME				9	STUD TO STUD AND
	AT 2-POUR INSTALLATION, INSTALL SSTB20 ANCHOR	BOLT IN FOUNDATION STEM WALL, SEE STRUCTURAL DETAILS.	9. STR	1 = STRUCTUR	AL 1 GRADE PL		FACES OF A SHEAF		IRED USE 4x POST MIN SPACING IS LESS THAN		INTERSECTING W (AT BRACED W
4	DOUBLE 2 X 6 #2 DF-L KING POST W/ HDU4 HOLDOWN INSTALL SB 5/8 X 24 ANCHOR BOLT IN FOUNDATION S	I AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. TEM WALL. SEE STRUCTUAL DETAILS .	1. 1.	USE 3x MAX SIL THE VERTICAL S SHALL BE OFFS	LS & 3x TOP PL HEAR PANEL JO ET TO FALL ON		E FACES				
NOTE: S	SEE STRUCTURAL DETAILS SHEETS A4.0/A4.1 FOR ADDITIC	NAL INFORMATION	11. INS	TALL 4x RIM/BL	OCKING MIN B	ELOW ALL DOUBLE		L 4X OR THICKER.			
			0000	LVED SHEARWA							
STRU	CTURAL NOTES	ROOF FRAMING NOTES	_ SHE	AR WAI	L NOT	ES				13	DOUBLE TOP PLAT
	TO SHEET S0.1 & S1.1FOR TYPICAL NOTES AND DETAILS.	R1. REFER TO SHEETS S0.1 FOR TYPICAL NOTES AND DETAILS.				wall Type 6 UNO o oted, are minimu		h not indicated			D0, D1, OR D2; AND BI SPACING
	REPARATION AND BUILDING PAD CONSTRUCTION SHALL ORDANCE WITH FOUNDATION NOTES ON SHEET S0.1.	R2. ROOF SHEATHING TO BE 15/32" APA RATED SHEATHING EXPOSURE 1. FASTEN WITH 10D @ 6" OC EDGES & 10D @ 12" OC FIELD UNO. BLOCKING NOT REQ'D UNLESS	S	hear Wall to b	e full length of	wall.	Carlo de Ponto de Antonio de Carlos			16	TOP OR BOTTOM F
	TURAL WALL STUDS, INCLUDING BEARING WALLS AND WALLS, SHALL BE 2X6 @ 16" OC, UNO.	NOTED ON PLAN.NO PANELS LESS THAN 24" WIDE SHALL BE USED.	S4. V			ids or posts with h APA rated Sheath		with 16d @ 12'			
G4. SEE SH	EAR WALL SCHEDULE 4 S1.4.	R3. VERIFY ALL OPENING DIMENSIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. MECHANICAL UNIT				vith 2x material UI Stagger nails whe		uired		17	TOP PLATES, LAPS A
CURBS AND DRAWINGS	ALL SLAB DIMENSIONS, INCLUDING DEPRESSIONS, D PADS WITH ARCHITECTURAL AND MECHANICAL . NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF	LOCATIONS AND WEIGHTS TO MATCH MECHANICAL DRAWINGS. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OTHERWISE.	S7. U S8. P	Jse 20d sinker Portions of int	nails in lieu of erior wall su	16d nails at 3x sill faces adjacent to	plates. o specified shea	r walls shall be	N N		INTERSEC
	EPANCIES PRIOR TO CONSTRUCTION. FIONS SHOWN ON STRUCTURAL DRAWINGS ARE	R4. STRUCTURAL WALL STUDS, INCLUDING BEARING WALLS AND EXTERIOR WALLS, SHALL BE 2X6 @ 16" OC, UNO.				Shear Wall Type wall surface for fin		n board of same			
RELATIVE T	THE TOP OF SLAB-ON-GRADE ELEVATION OF 0'-0". TE ALL ELEVATIONS WITH ARCHITECTURAL AND CIVIL	EXTERIOR WALLS, SHALL BE 2X0 @ 10 00, 0NO.	S9. A	Anchor bolts to	o have 0.229"	thick x 3" square	e plate washer a				
DRAWINGS	VERIFY PAD ELEVATION W/ FLOOD CERTIFICATION CONSTRUCTION.					washer shall extend onal slot is permit					
			S	hall be 3/16" gr	eater than the	bolt diameter an	d no more than	1¾" in length. A			
			The Constraint State			used between the lear Walls unless s					
			25			shown with the St sill plates shall be	2010년 - 1919년 -				
						10d common nails					

	AD FOOTING SCHEDULE										onveniio
TYPE	SIZE & REINFORCEMENT		MARK	SHEATHING	NAILING (EN)	SILL/SHEAR TRANSFER NAILING	SHEAR TRANSFER CLIP	ANCHOR BOLTING	SW CAPACITY (PIF)		OF
F1	42" SQUARE X 12" DEEP, REINFORCED W/ 3 - #4'S EACH	HWAY, TOP & BOTTOM	6	15/32" SHTG	10d @ 6" OC	2-16d @ 6" OC	(S) A35 @ 16" OC	5"Ø@ 48" OC	310	ITEM	
	SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATIO ADJACENT CONTINUOUS STRIP FOOTING.	ON AS BOTTOM OF	4	15/32" SHTG	10d @ 4" OC	2-16d @ 5" OC	(S) A35 @ 12" OC	ទ្ធំ"ø @ 32" OC	460	1	BLOCKING BETWEEN OR RAFTERS TO
F2	24" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH	HWAY, TOP & BOTTOM	1 41	NAUS SHALL B	E COMMON OF	GALVANIZED BO	GALVANIZED BO	V NAUS SHALL BE	HOT DIPPED OP		
	SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATIO CONTINUOUS STRIP FOOTING.	ON AS BOTTOM OF ADJACENT	2. PLY	MBLED. WOOD AND OS	B SHALL BE TY	PE CDX GRADE OR	BETTER (EXCEPT W	HERE STRUCTUR	AL 1 GRADE IS NOTED).	6	RAFTER OR ROOF T
HOL	DOWN KEYNOTES		4. ALL	AGGERED. AB MUST BE I	NSTALLED W/ 3	x3x ¹ / ₄ " GALVANIZE	PLATE WASHERS	PER THE GOVER	NING CBC.	8	STUD TO STUD (NOT A PANEL
KEYNOTE	DESCRIPTION		(OF	R SCREW) DIAM	ETER.		OID WOOD SPLIT	TING. USE DRILL B	BIT SIZE = 0.75 x NAIL		
(2)		AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE.				RED 3x SILL, MIN LED INTO PT LUME	ER ARE TO BE HO	T DIPPED GALVAN	NIZED.	9	STUD TO STUD AND A
	AT 2-POUR INSTALLATION, INSTALL SSTB20 ANCHOR	BOLT IN FOUNDATION STEM WALL, SEE STRUCTURAL DETAILS.	9. STR	R 1 = STRUCTUR	AL 1 GRADE PL		FACES OF A SHEAF		JIRED USE 4x POST MIN		INTERSECTING WA (AT BRACED 1994)
4	DOUBLE 2 X 6 #2 DF-L KING POST W/ HDU4 HOLDOWN INSTALL SB 5/8 X 24 ANCHOR BOLT IN FOUNDATION S	N AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. STEM WALL. SEE STRUCTUAL DETAILS .	1.	USE 3x MAX SIL THE VERTICAL S SHALL BE OFFS	LS & 3x TOP PL HEAR PANEL JO ET TO FALL ON	ATES. DINTS ON OPPOSIT DIFFERENT FRAMI	E FACES				
NOTE	SEE STRUCTURAL DETAILS SHEETS A4.0/A4.1 FOR ADDITIC		11. INS	TALL 4x RIM/BL	OCKING MIN B	MING SUCH FRAM		E 4X OR THICKER.			
<u></u>			SOL	LVED SHEARWA	LL.						CONTINUOUS HEAT
STRU	CTURAL NOTES	ROOF FRAMING NOTES	SHE	AR WAI	L NOT	ES				13	DOUBLE TOP PLATE
G1. REFER	TO SHEET S0.1 & S1.1FOR TYPICAL NOTES AND DETAILS.	R1. REFER TO SHEETS S0.1 FOR TYPICAL NOTES AND DETAILS.				wall Type 6 UNO o oted, are minimu		h not indicated			D0, D1, OR D2; AND BR SPACING
	EPARATION AND BUILDING PAD CONSTRUCTION SHALL RDANCE WITH FOUNDATION NOTES ON SHEET S0.1.	R2. ROOF SHEATHING TO BE 15/32" APA RATED SHEATHING EXPOSURE 1. FASTEN WITH 10D @ 6" OC EDGES & 10D	S	hear Wall to b	e full length of	wall.	Const.	in not malated,		16	TOP OR BOTTOM PI
	FURAL WALL STUDS, INCLUDING BEARING WALLS AND WALLS, SHALL BE 2X6 @ 16" OC, UNO.	@ 12" OC FIELD UNO. BLOCKING NOT REQ'D UNLESS NOTED ON PLAN.NO PANELS LESS THAN 24" WIDE SHALL BE USED.	S4. V			ids or posts with h APA rated Sheath		with 16d @ 12'		10	
G4. SEE SH	EAR WALL SCHEDULE 4 S1.4.	R3. VERIFY ALL OPENING DIMENSIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. MECHANICAL UNIT				vith 2x material UI Stagger nails whe		uired		17	TOP PLATES, LAPS AT
CURBS AND DRAWINGS	ALL SLAB DIMENSIONS, INCLUDING DEPRESSIONS, PADS WITH ARCHITECTURAL AND MECHANICAL . NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF	LOCATIONS AND WEIGHTS TO MATCH MECHANICAL DRAWINGS. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OTHERWISE.	S7. L	Jse 20d sinker	nails in lieu of	16d nails at 3x sill faces adjacent t	plates.		N N		INTERSECT
	EPANCIES PRIOR TO CONSTRUCTION.	R4. STRUCTURAL WALL STUDS, INCLUDING BEARING WALLS AND				Shear Wall Type wall surface for fir		n board of same			
RELATIVE T	IONS SHOWN ON STRUCTURAL DRAWINGS ARE HE TOP OF SLAB-ON-GRADE ELEVATION OF 0'-0". TE ALL ELEVATIONS WITH ARCHITECTURAL AND CIVIL	EXTERIOR WALLS, SHALL BE 2X6 @ 16" OC, UNO.	S9. A	Anchor bolts to	o have 0.229"	thick x 3" squar	e plate washer a				
DRAWINGS.	. VERIFY PAD ELEVATION W/ FLOOD CERTIFICATION CONSTRUCTION.					washer shall extend onal slot is permit					
			S	hall be 3/16" gr	eater than the	bolt diameter an	d no more than	1 ³ / ₄ " in length. A			
			1 2 3 Advert 2 2 3			used between the lear Walls unless s					
			C	Coordinate any	openings not	shown with the St	ructural Engineer				
			1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.			sill plates shall be 10d common nails					



MATERIALS LEGEND

BOARD

ACCENT SIDING

ALT 1:ALT 2:CLASS 'A' COMPOSITE BAMBOO1X6 TONGUE & GROOVE SIDING "DASSO-XTR," OR EQUAL CEDAR PLANK O/ 1 LAYER 5/8" O/ 1 LAYER 5/8" 'TYPE X' GYP 'TYPE X' GYP BOARD

BODY SIDING



OPTION 2: HARDI-PLANK 6" SHIPLAP SIDING

OPTION 1 (SHOWN IN ELEVATIONS):

HARDI FIBER CEMENT 'REVEAL' PANÉL SYSTEM



OPTION 3: 2-COAT SAND FINISH ACRYCLIC STUCCO O/ 1" RIGID FOAM



OPTION 4: CORRUGATED/RIBBED VERTICAL METAL PANEL SIDING



P: 530.653.0777 W: WWW.RADSTUDIO.DESIGN





// ISSUED REVISION # DATE DESCRIPTION

// COPYRIGHTS

COPYRIGHT 2023

RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO.

STIPULATION FOR REUSE THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW.

NO

// PROJECT

THE PINE SHED 650

// CLIENT

// MANAGEMENT PROJECT NO: DRAWN BY: Author CHECKED BY Checker ISSUE DATE 9/14/2023 10:21:24 AM COPYRIGHT RAD STUDIO 2019

// SHEET TITLE

ELEVATIONS / SECTIONS

// SHEET NO.

A3.0

ELEVATION NOTES

1. ANY STUCCO SIDING TO BE LA HABRA FASTWALL PER ESR-2564 OVER R-TECH FOAM W/ WEEP SCREED, INSTALLED PE ESR-1788. (PROTECT PER SEC R316)

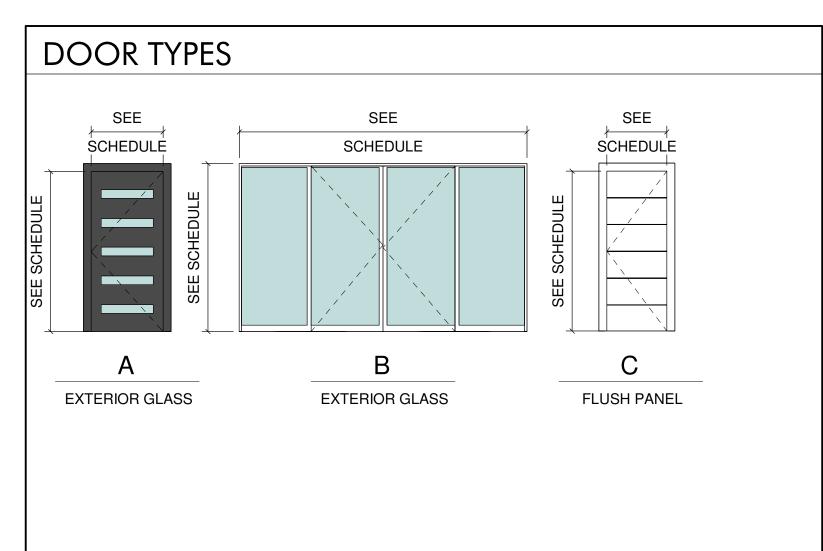
2. WEEP SCREED TO BE MIN. NO. 26 GALVANIZED SHEET GAG WITH 31/2" FLANGE AT OR BELOW FOUNDATION PLATE L SCRE SHALL BE PLACED A MIN. OF 4" ABOVE EARTH OR 2" AB CONCRETE, ALLOWING TRAPPED WATER TO DRAW TO EXTERIOR, LAP PAPER OVER ATTACHMENT FLANGE. FA WALLS IN ACCORDANCE W/ ASTM C 926. PER 4 RC 703.6 O STUD

- WATER-RESISTIVE BARRIER AT W MIN. OF 2 LAYERS OF GRADE D APER. CRC
- END GUTTER MIN. 1' BEFOR **FINISHED** 4. STUCCO WALL.
- NER AT WOOD SHEATHING TO BE RNDE D POPER. CRC 703.6.3 WATER-RESISTIVE BAR 5. MIN. OF 2 LAYERS

SEE FIRE RESIST ON NOTES - GENERAL NOTES SHT

	WINDOW SCHEDULE									
TYPE	ROUGH	OPENING								
MARK	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	QTY.	COMMENTS			
А	3' - 0"	1' - 6"	Fixed1	FIBERGLASS	BLACK	1				
В	3' - 0"	1' - 6"	Window-Awning-Single	FIBERGLASS	BLACK	3				
C.1	3' - 0"	2' - 6"	Single Hung	FIBERGLASS	BLACK	2	EGRESS			
C.2	3' - 0"	4' - 0"	Fixed1	FIBERGLASS	BLACK	2				
D	8' - 0"	1' - 6"	Fixed1	FIBERGLASS	BLACK	3				
E	6' - 0"	1' - 6"	Fixed1	FIBERGLASS	BLACK	1				

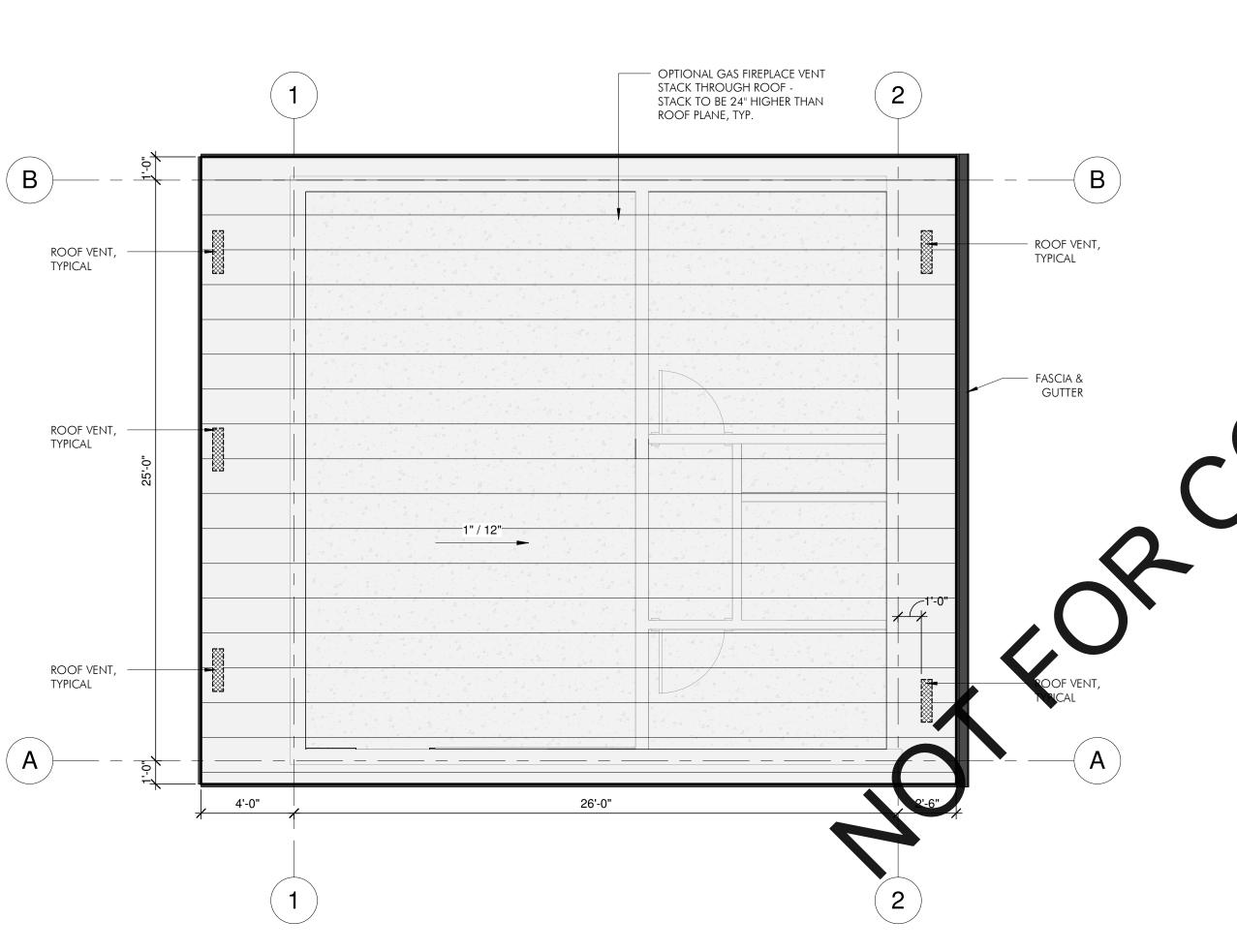
	DOOR SCHEDULE									
TYPE MARK	WIDTH	HEIGHT	TYPE	COMMENTS						
1	3' - 0"	6' - 8"	A							
2	16' - 0"	6' - 8"	В							
3	2' - 10"	6' - 8"	С							
4	2' - 10"	6' - 8"	С							
5	5' - 0"	6' - 8"	С							

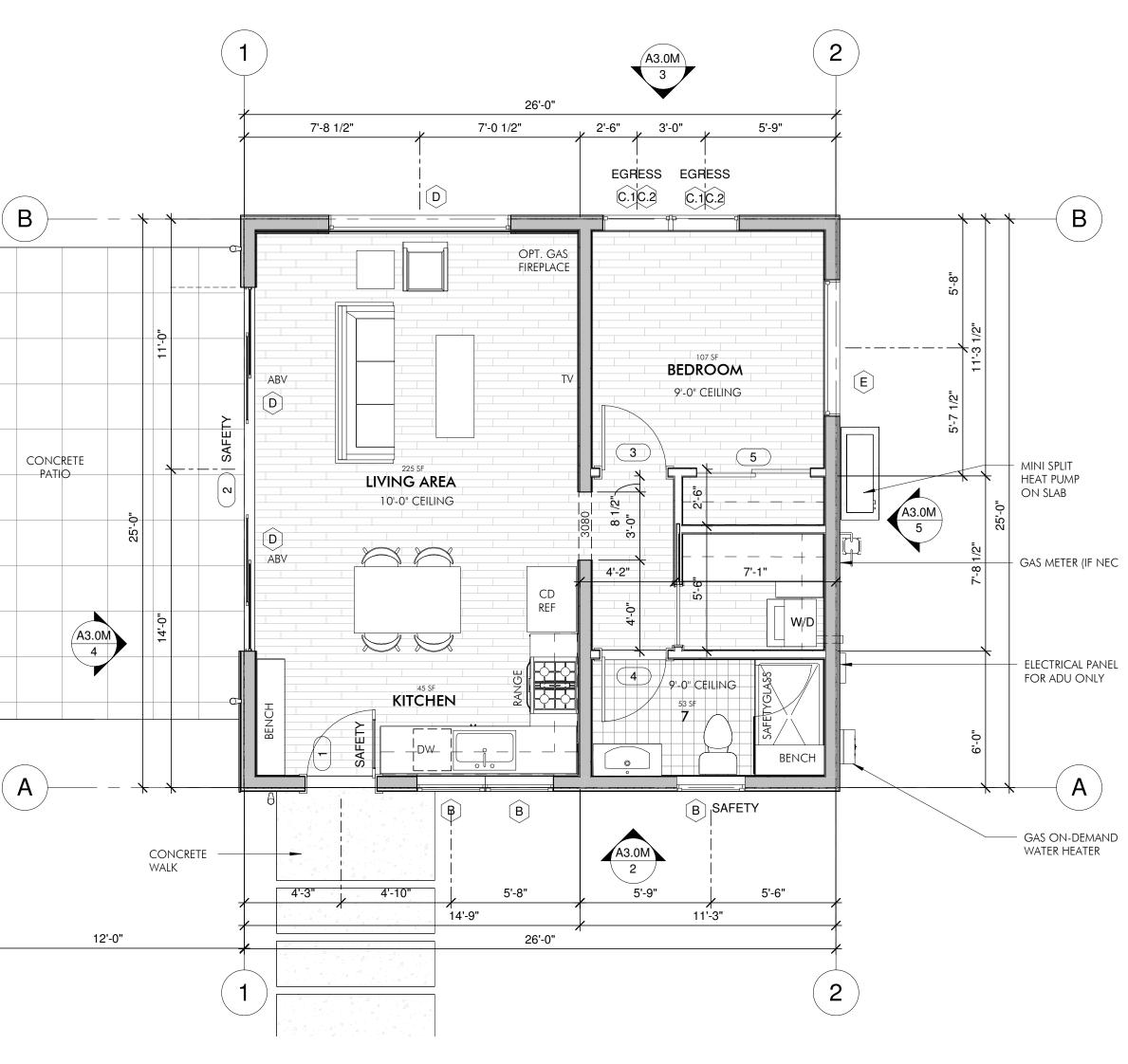


G·\Shared drives\BAD Projects\2023\23-07 ADH BFP Shasta Countv\ADH 650 CDS MIBBOBF

ATTIC VENT CALCS:										
LOCATION ROOF SF 1 / 300 VENTED AREA 60% LOW VENTS 40% HIGH VENTS NO. OF LOW NO. OF LOW REQ'D. HIGH & LOW REQ'D REQ'D VENT'G REQ'D VENT'G REQ'D VENT'G										
ROOF TOTAL	650 SF	312 SQ. IN.	188 SQ. IN.	124 SQ. IN.	3 VENTS	2 VENTS				
MORE THAN 50% OR RAFTER SPACE SPACE WITH THE E SHALL BE PROVIDE	THE MIN. NET FREE VENTILATION AREA SHALL BE 1/300 OF THE VENTED SPACE PROVIDED THAT NOT LESS THAN 40% AND NOT MORE THAN 50% OF THE REQUIRED VENTILATION AREA IS PROVIDED BY VENT LOCATED IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE. UPPER VENTS SHALL BE LOCATED NOT MORE THAN THREE FEET BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. NOT LESS THAN 1" SPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING AND AT THE LOCATION OF THE VENT									
(650 SQ. FT.) x (14		ILDLAND APPRO 500 SQ. IN.								
(93,600 SQ. IN.) /	' (300 HIGH / LOV	ψ = 312 SQ. IN. VENT A	REA							
	HIGH: (124 SQ. IN.) <u>Vents:</u> Vulcan Vent Ve5522S: 75 Sq. in. NFVA - (124 Sq. in. / 75 Sq. in.) NFVA = 2 Vents Required, 2 provided									
	<u>LOW:</u> (188 SQ. IN) <u>VENTS:</u> VULCAN VENT VE5522S: 75 SQ. IN. NFVA - (188 SQ. IN. / 75 SQ. IN.) NFVA = 3 vents required, 3 provided									

$\bigcirc ROOF PLAN - PINE SHED FLAT$ 1/4" = 1'-0"







PREDESIGNED PLAN SETS BY RAD STUDIO COPYRIGHT RAD STUDIO, 2022 P: 530.653.0777 W: WWW.RADSTUDIO.DESIGN

// CONSULTANT



DESCRIPTION

NO.

THE PINE SHED 650



// ISSUED

// AGENCY APPROVALS

// PROJECT

REVISION # DATE

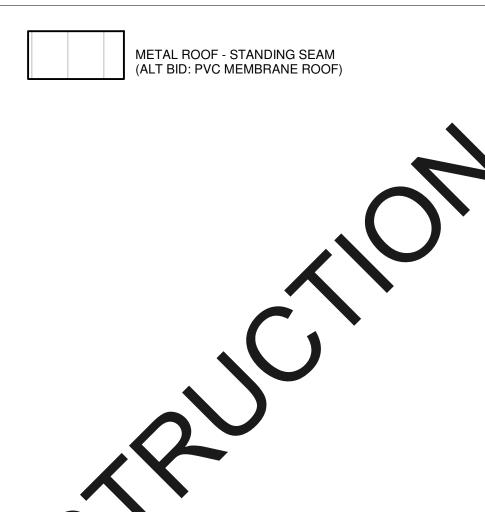
WALL TYPE LEGEND

(E) WALLS

NEW 2X4 WALLS

NEW 2X6 WALLS

ROOF TYPE LEGEND



OOF VENTILATION NOTES

EXCLOSED ATTICS AND ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSION OF 1/16 INCH (1.6 MM) MINIMUM AND 1/4 INCH (6.4 MM) MAXIMUM. R806.1

WHERE EAVE VENTS ARE INSTALLED, INSULATION SHALL NOT BLOCK THE FREE FLOW OF AIR. NOT LESS THAN A 1-INCH (25 MM) SPACE SHALL BE PRO-VIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING AND AT THE LOCATION OF THE VENT. R806.3

BUILDINGS WITH COMBUSTIBLE CEILING OR ROOF CONSTRUCTION SHALL HAVE AN ATTIC ACCESS OPENING TO ATTIC AREAS THAT HAVE A VERTICAL HEIGHT OF 30 INCHES (762 MM) OR GREATER OVER AN AREA OF NOT LESS THAN 30 SQUARE FEET (2.8 M2). THE VERTICAL HEIGHT SHALL BE MEASURED FROM THE TOP OF THE CEILING FRAMING MEMBERS TO THE UNDERSIDE OF THE ROOF FRAMING MEMBERS. THE ROUGH-FRAMED OPENING SHALL BE NOT LESS THAN 22 INCHES BY 30 INCHES (559 MM BY 762 MM) AND SHALL BE LOCATED IN A HALLWAY OR OTHER READILY ACCESSIBLE LOCATION. // MANAGEMENT

// CLIENT

PROJECT NO: DRAWN BY: CHECKED BY: ISSUE DATE: COPYRIGHT: RBR Checker 9/14/2023 10:18:34 AM RAD STUDIO 2019

// SHEET TITLE

FLOOR & ROOF PLANS - MIRRORED

// SHEET NO.

A1.0M

3 10:18:38 AM G:\Shared drives\RAD Projects\2023\23-07 ADU RFP Shasta County\ADU 650 CDS

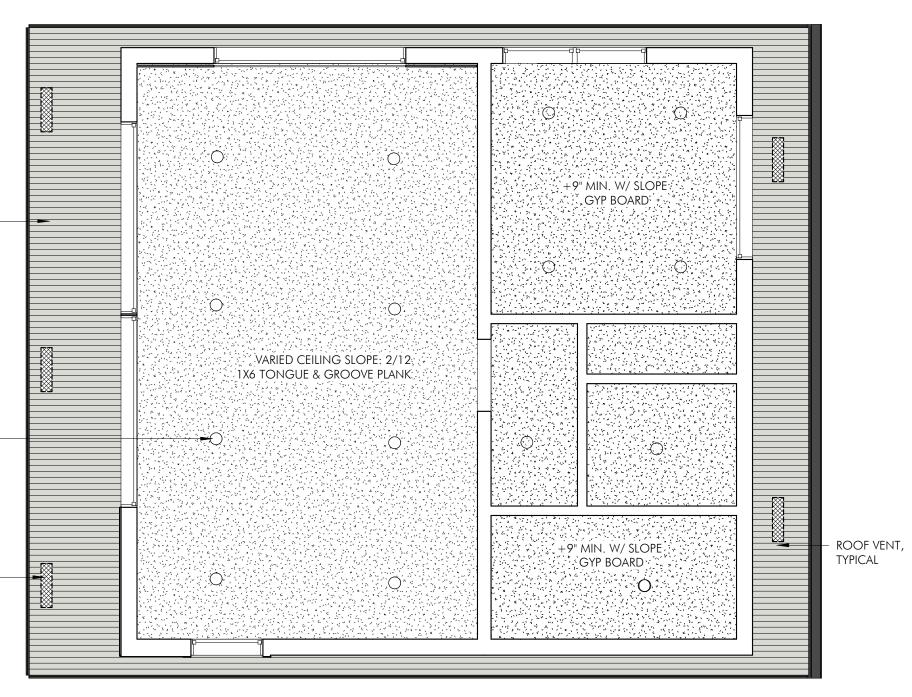
0 1/4" 1/2" 1" THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT - SCALE ACCORDINGLY

PRIMARY OPTION: -1X6 T&G CEDAR PLANK SOFFIT O/ 1 LAYER 5/8" 'TYPE X' GYP BOARD

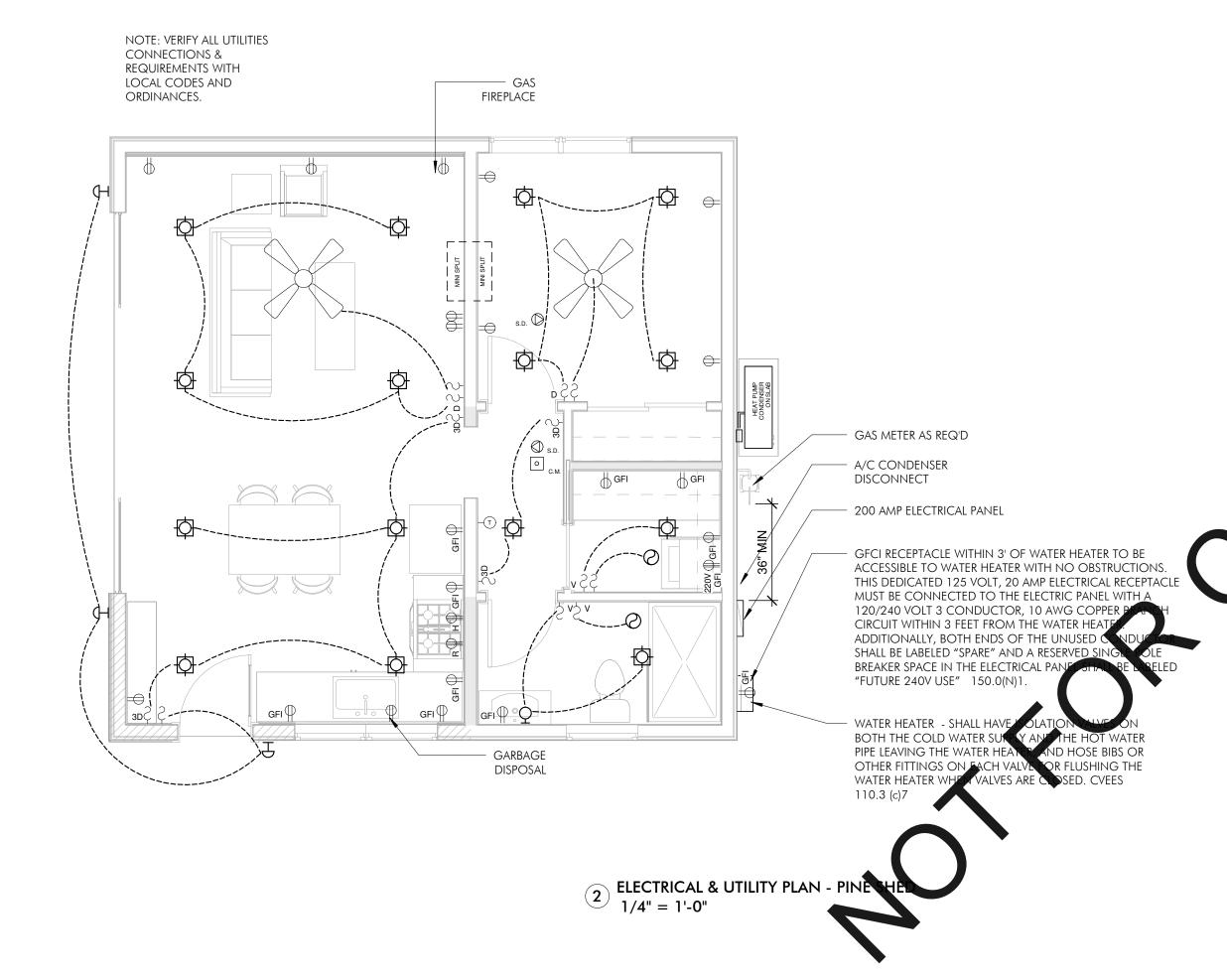
ALT OPTION 1: ACRYLIC STUCCO O/ LATH

LED RECESSED CAN LIGHTS, TYPICAL REFER TO ELECTRICAL PLAN

ROOF VENT, -TYPICAL



1 CEILING PLAN 1/4" = 1'-0"





PREDESIGNED PLAN SETS BY RAD STUDIO COPYRIGHT RAD STUDIO, 2022 P: 530.653.0777 W: WWW.RADSTUDIO.DESIGN

// CONSULTANT





// AGENCY APPROVALS

// ISSUED
REVISION # DATE

DESCRIPTION

ELECTRICAL LEGEND

NOTE: ALL LIGHTS TO BE HIGH EFFICACY AND ALL ONTLESS TO BE TAMPER RESISTANT AND HAVE ARC FAMET PRI TECHON.

TO BE TAN	IPER RESISTANT AND HAVE ARC FACET PROTECTION.
\$	SINGLE POLE WALL SWITCH, +48" U.N.Q.
$^{\circ} \Theta$	THREE WAY WALL SWITCH, +48" U.N.O.
$^{4}\Theta$	FOUR WAY WALL SWITCH, +48" U.N.O.
°↔	DIMMER WALL SWITCH, +40 U.N.O.
` ୍	VACANCY SENSOR WALLSWITCH (MANUAL ON/AUTO & MANUAL-OFF)
ح ⇔	ASTRONOMICAL TIME CLOCK CONTROL
-(T)	SMART THERMOSTAT BY 'NEST' BRAND
	AIGH EFFICACY UNDER CABINET FIXTURE
	HIGH ENCICACY CEILING FIXTURE, SURFACE MOUNTED 1X4 LED
	HIGH EFFICACY CEILING FIXTURE, SURFACE MOUNTED -
	HIGH EFFICACY CEILING FIXTURE, RECESSED DOWNLIGHT (LED)
-0-	HIGH EFFICACY CEILING FIXTURE, RECESSED 4" GIMBAL (LED)
-Ç- P	HIGH EFFICACY CEILING FIXTURE, PENDANT
-¢-	HIGH EFFICACY DIRECTIONAL SPOT LIGHT
Ю	HIGH EFFICACY WALL FIXTURE, SURFACE MOUNTED
HD	HIGH EFFICACY OUTDOOR WALL FIXTURE, SURFACE MOUNTED
\bigcirc	CEILING EXHAUST FAN TO OUTSIDE AIR, RECESSED, 50 CFM PROVIDE HUMIDISTAT IN BATHROOM
-	DUPLEX OUTLET, 120V, +12" U.N.O.
\blacksquare	FOURPLEX OUTLET, 120V, +12" U.N.O.
WP	WEATHER PROOF DUPLEX OUTLET W/ G.F.I., 120V, +12" U.N.O.
WP XMAS EAVES	WEATHER PROOF DUPLEX OUTLET W/ G.F.I., 120V, LOCATED IN EAVE / SOFFIT -
GFI	DUPLEX OUTLET W/ GROUND FAULT CIRCUIT-INTERRUPTER, 120V, +12" U.N.O.
	FOURPLEX FLOOROUTLET, 120V
	AUTO CHARGER OUTLET
==== 220V	220V OUTLET, +12" U.N.O.
S.D.	SMOKE DETECTOR (DIRECT WIRED - 110v W/ BATTERY BACK-UP)
О С.М.	CARBON MONOXIDE DETECTOR
	CABLE TELEVISION JACK
\checkmark	TELEPHONE JACK
	CEILING FAN, U.O.N 3 SPEED W/ REVERSE 7' MINIMUM HEADROOM, TYP. & BOXES PER NEC 4-22-18.

THE PINE SHED 650

NO.

// CLIENT

// PROJECT

// MANAGEMENT

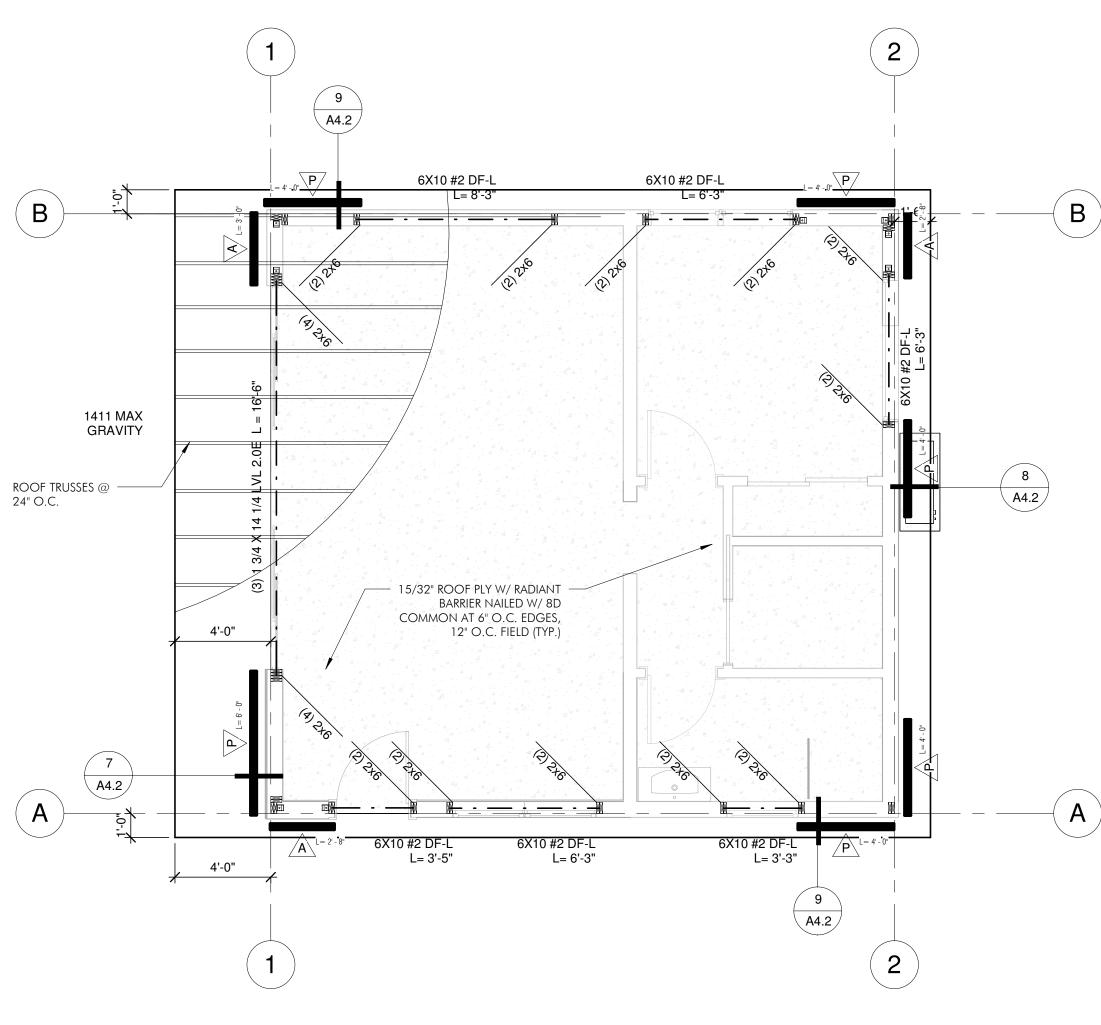
PROJECT NO: DRAWN BY: CHECKED BY: ISSUE DATE: COPYRIGHT: RBR Checker 9/14/2023 10:18:38 AM RAD STUDIO 2019

// SHEET TITLE



// SHEET NO.



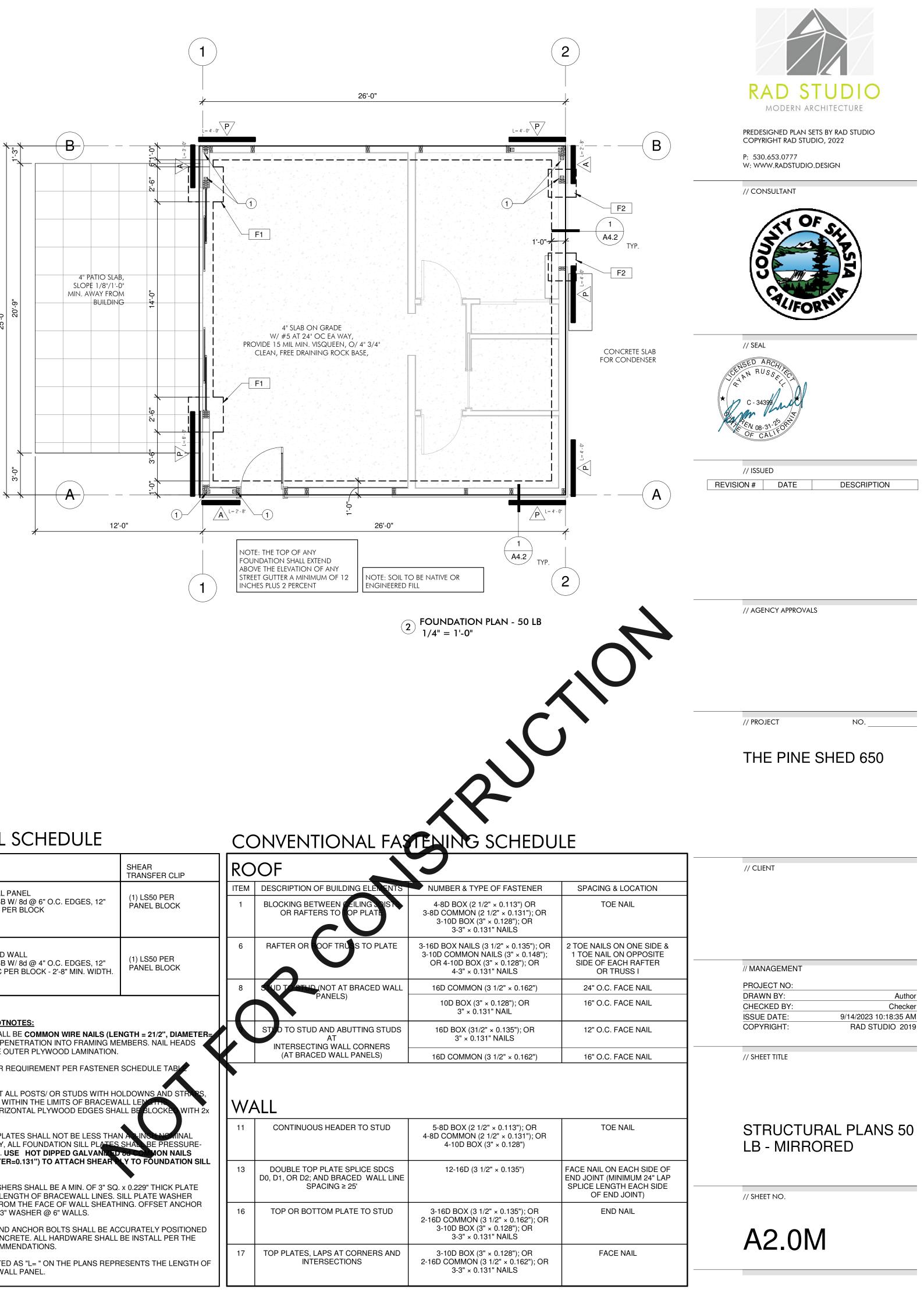


SPREAD FOOTING SCHEDULE

YPE	SIZE & REINFORCEMEN

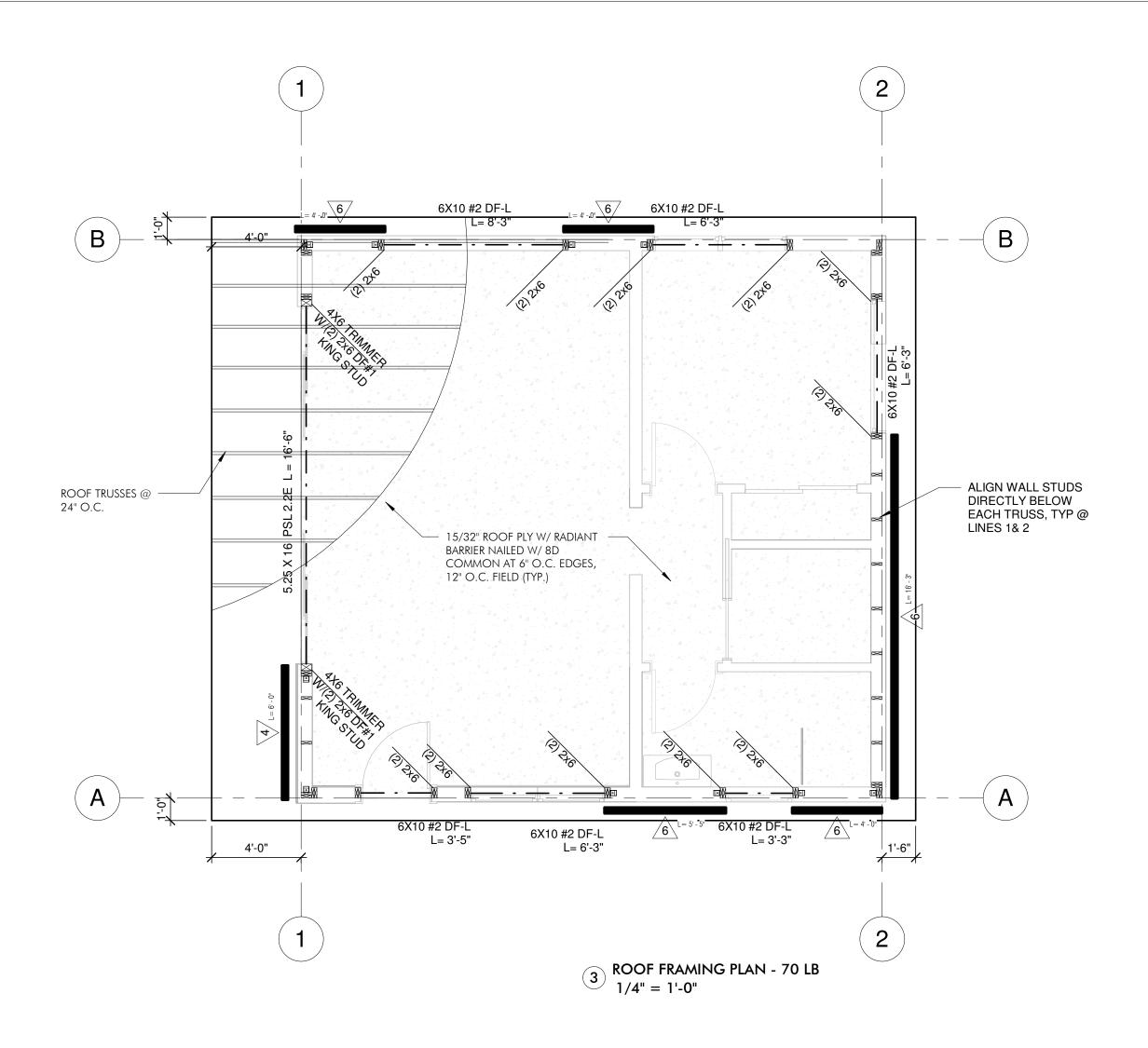
••••					CONVENI	
TYPE	SIZE & REINFORCEMENT	TYPE	SHEATHING	SHEAR TRANSFER CLIP	ROOF	
F1	26" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH WAY. SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.		WOOD STRUCTURAL PANEL 3/8" CDX PLY OR OSB W/ 8d @ 6" O.C. EDGES, 12" O.C. FIELD - (1) RBC PER BLOCK	(1) LS50 PER PANEL BLOCK	ITEM DESCRIPTION OF 1 BLOCKING BETWOR RAFTER	WEEN
HOLE	18" SQUARE X 12" DEEP, REINFORCED W/2 - #4'S EACH WAY. SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.		ALTERNATE BRACED WALL 3/8" CDX PLY OR OSB W/ 8d @ 4" O.C. EDGES, 12" O.C. FIELD - (1) RBC PER BLOCK - 2'-8" MIN. WIDTH.	(1) LS50 PER PANEL BLOCK	6 RAFTER OR LO 8 STUD TO STUD (
KEYNOTE	DESCRIPTION	BBACE	D WALL SCHEDULE FOOTNOTES:			ANE
(1)	DOUBLE 2 X 6 #2 DF-L KING POST W/ HTT4 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. AT 2-POUR INSTALLATION, INSTALL SSTB20 ANCHOR BOLT IN FOUNDATION STEM WALL, SEE STRUCTURAL DETAILS.	1.	8d PLYWOOD NAILS SHALL BE COMMON WIRE NAILS (LE 0.131'') , WITH 11/2" MIN. PENETRATION INTO FRAMING MI SHALL NOT PENETRATE OUTER PLYWOOD LAMINATION.	EMBERS. NAIL HEADS	STUD TO STUD A INTERSECTIN (AT BRACE	AT NG W
2	DOUBLE 2 X 6 #2 DF-L KING POST W/ HTT4 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. INSTALL SB 5/8 X 24 ANCHOR BOLT IN FOUNDATION STEM WALL. SEE STRUCTUAL DETAILS .	3.	ALL OTHER NAILING PER REQUIREMENT PER FASTENEF 602.3(1) & 602.3(2) EDGE NAIL FULL HEIGHT ALL POSTS/ OR STUDS WITH H AND ALL OTHER POSTS WITHIN THE LIMITS OF BRACEW ALL UNSUPPORTED HORIZONTAL PLYWOOD EDGES SH BLOCKING.	OLDOWNS AND STRAPS,	WALL	
<u>NOTE:</u> S	EE STRUCTURAL DETAILS SHEETS A4.0/A4.1 FOR ADDITIONAL INFORMATION	5.	ALL FOUNDATION SILL PLATES SHALL NOT BE LESS THA MEMBER. ADDITIONALLY, ALL FOUNDATION SILL PLATES TREATED DOUBLAS-FIR. USE HOT DIPPED GALVANIZ FU (LENGTH= 21/2" DIAMETER=0.131") TO ATTACH SHEARN PLATES.	S SHALL BE PRESSURE-	11 CONTINUOUS	
			ALL ANCHOR BOLT WASHERS SHALL BE A MIN. OF 3" SQ STEEL OVER THE FULL LENGTH OF BRACEWALL LINES. EDGE TO BE 1/2" MAX FROM THE FACE OF WALL SHEATI BOLT OR PROVIDE 4.5"x3" WASHER @ 6" WALLS.	SILL PLATE WASHER	D0, D1, OR D2; AN	ND BF ACING
		8.	HOLDOWN ANCHORS AND ANCHOR BOLTS SHALL BE AG PRIOR TO POURING CONCRETE. ALL HARDWARE SHALL MANUFACTURES RECOMMENDATIONS. THE SYMBOL DESIGNATED AS "L= " ON THE PLANS REPF THE SPECIFIED BRACEWALL PANEL.	BE INSTALL PER THE	17 TOP PLATES, LA INTEF	

TYPE	SIZE & REINFORCEMENT	TYPE	SHEATHING	SHEAR TRANSFER CLIP	RC	OOF
F1	26" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH WAY. SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING. 18" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH WAY.		WOOD STRUCTURAL PANEL 3/8" CDX PLY OR OSB W/ 8d @ 6" O.C. EDGES, 12" O.C. FIELD - (1) RBC PER BLOCK	(1) LS50 PER PANEL BLOCK	ITEM	DESCRIPTION OF BUI BLOCKING BETWEEN OR RAFTERS TO
	SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.		ALTERNATE BRACED WALL 3/8" CDX PLY OR OSB W/ 8d @ 4" O.C. EDGES, 12" O.C. FIELD - (1) RBC PER BLOCK - 2'-8" MIN. WIDTH.	(1) LS50 PER PANEL BLOCK	6	RAFTER OR LOOF T
KEYNOTE	DESCRIPTION	BRACE	U WALL SCHEDULE FOOTNOTES:			PANE
	DOUBLE 2 X 6 #2 DF-L KING POST W/ HTT4 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. AT 2-POUR INSTALLATION, INSTALL SSTB20 ANCHOR BOLT IN FOUNDATION STEM WALL, SEE STRUCTURAL DETAILS.	1. 8	8d PLYWOOD NAILS SHALL BE COMMON WIRE NAILS (LEN 0.131'') , WITH 11/2'' MIN. PENETRATION INTO FRAMING ME SHALL NOT PENETRATE OUTER PLYWOOD LAMINATION.	NGTH = 21/2", DIAMETER= MBERS. NAIL HEADS		STID TO STUD AND AT INTERSECTING W (AT BRACED W)
(2)	DOUBLE 2 X 6 #2 DF-L KING POST W/ HTT4 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. INSTALL SB 5/8 X 24 ANCHOR BOLT IN FOUNDATION STEM WALL. SEE STRUCTUAL DETAILS .	 ALL OTHER NAILING PER REQUIREMENT PER FASTENER SCHEDULE TABLE 602.3(1) & 602.3(2) EDGE NAIL FULL HEIGHT ALL POSTS/ OR STUDS WITH HOLDOWNS AND STRAPS, AND ALL OTHER POSTS WITHIN THE LIMITS OF BRACEWALL LENGTHE 4. ALL UNSUPPORTED HORIZONTAL PLYWOOD EDGES SHALL BE BLOCKED WITH 2x BLOCKING. 				ALL
<u>NOTE:</u> S	EE STRUCTURAL DETAILS SHEETS A4.0/A4.1 FOR ADDITIONAL INFORMATION		ALL FOUNDATION SILL PLATES SHALL NOT BE LESS THAN MEMBER. ADDITIONALLY, ALL FOUNDATION SILL PLATES TREATED DOUBLAS-FIR. USE HOT DIPPED GALVANIZ FO (LENGTH= 21/2" DIAMETER=0.131") TO ATTACH SHEAR T PLATES.	SHALL BE PRESSURE-	11	CONTINUOUS HEA
		6.	ALL ANCHOR BOLT WASHERS SHALL BE A MIN. OF 3" SQ. STEEL OVER THE FULL LENGTH OF BRACEWALL LINES. S EDGE TO BE 1/2" MAX FROM THE FACE OF WALL SHEATH BOLT OR PROVIDE 4.5"x3" WASHER @ 6" WALLS.	SILL PLATE WASHER	16	D0, D1, OR D2; AND BF SPACING TOP OR BOTTOM F
		8. ⁻	HOLDOWN ANCHORS AND ANCHOR BOLTS SHALL BE ACC PRIOR TO POURING CONCRETE. ALL HARDWARE SHALL I MANUFACTURES RECOMMENDATIONS. THE SYMBOL DESIGNATED AS "L= " ON THE PLANS REPRI THE SPECIFIED BRACEWALL PANEL.	BE INSTALL PER THE	17	TOP PLATES, LAPS A INTERSEC



(3) ROOF FRAMING PLAN - 50 LB 1/4" = 1'-0"

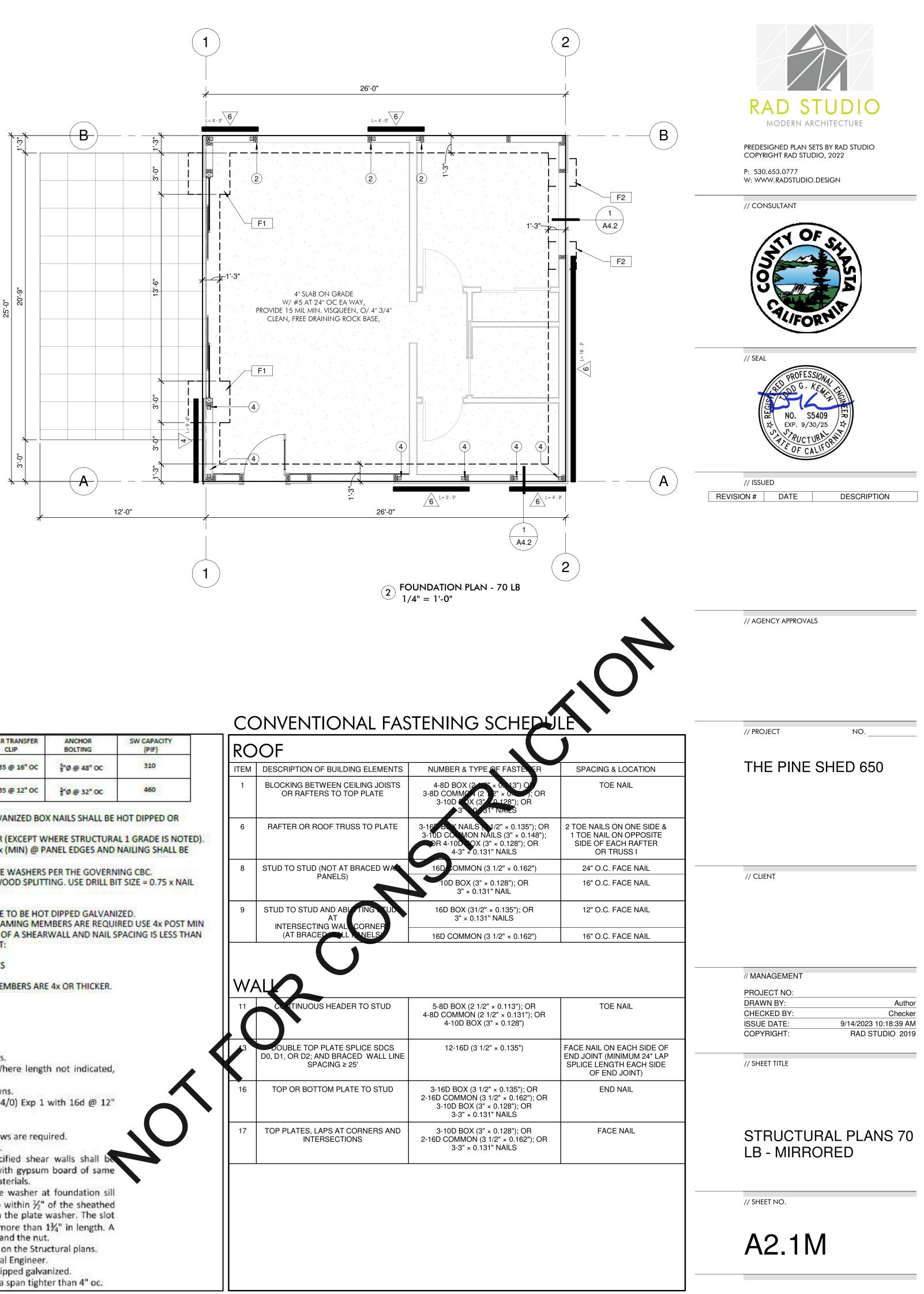
BRACED WALL SCHEDULE



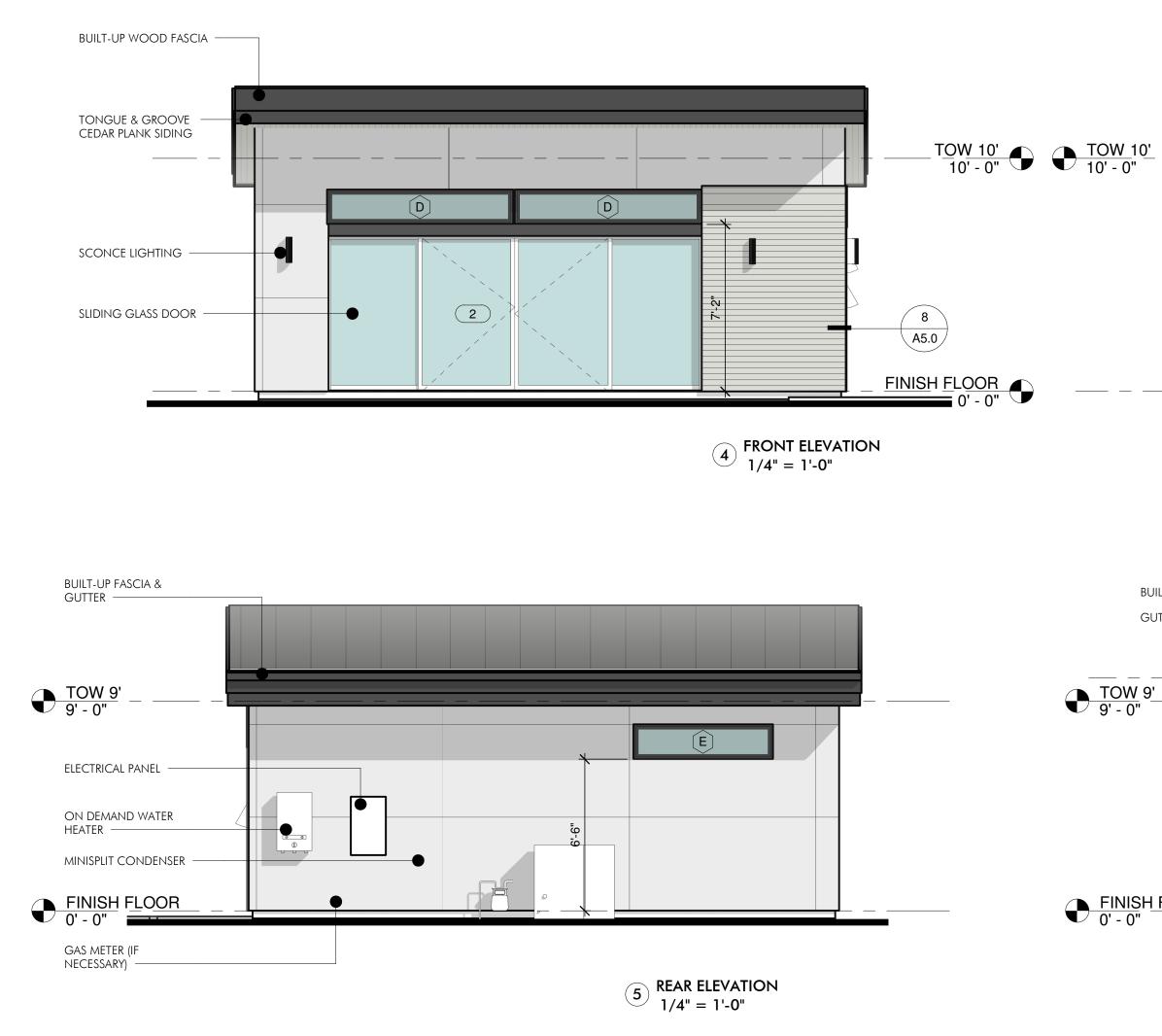
SPREAD FOOTING SCHEDULE

SPREAD FOOTING SCHEDULE			Shear Wall Schedule					CC	ONVENTIO		
TYPE	SIZE & REINFORCEMENT		MARK	SHEATHING	NAILING (EN)	SILL/SHEAR TRANSFER NAILING	SHEAR TRANSFER	ANCHOR	SW CAPACITY (PIF)		DOF
F1	42" SQUARE X 12" DEEP, REINFORCED W/ 3 - #4'S EACH	HWAY, TOP & BOTTOM	6	15/32" SHTG	10d @ 6" OC	2-16d @ 6" OC	(S) A35 @ 16" OC	5"Ø@ 48" OC	310	ITEM	-
	SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION ADJACENT CONTINUOUS STRIP FOOTING.	ON AS BOTTOM OF		15/32" SHTG	10d @ 4" OC	2-16d @ 5" OC	(S) A35 @ 12" OC	[‡] "Ø @ 32" OC	460	1	BLOCKING BETWEEN OR RAFTERS TO
F2	24" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH	HWAY, TOP & BOTTOM	1. AL	NAILS SHALL B	E COMMON O	R GALVANIZED BO	K. GALVANIZED BO	X NAILS SHALL BE	HOT DIPPED OR		
SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.			 ALL NAILS SHALL BE COMMON OR GALVANIZED BOX, GALVANIZED BOX NAILS SHALL BE HOT DIPPED OR TUMBLED. PLYWOOD AND OSB SHALL BE TYPE CDX GRADE OR BETTER (EXCEPT WHERE STRUCTURAL 1 GRADE IS NOTED). SHEARWALLS THAT REQUIRE 3x FRAMING SHALL BE USE 3x (MIN) @ PANEL EDGES AND NAILING SHALL BE 						6	RAFTER OR ROOF T	
HOLI	DOWN KEYNOTES		STA	AGGERED.		XAMING SHALL BE				8	STUD TO STUD (NOT A
KEYNOTE	DESCRIPTION		5. PRE (OF	EDRILL SILL CON R SCREW) DIAM	INECTIONS WH ETER.	ERE NEEDED TO AV			BIT SIZE = 0.75 x NAIL		PANEL
2	DOUBLE 2 X 6 #2 DF-L KING POST W/ HDU2 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. AT 2-POUR INSTALLATION, INSTALL SSTB20 ANCHOR BOLT IN FOUNDATION STEM WALL, SEE STRUCTURAL DETAILS.		7. ALI	L FASTENERS TH	AT ARE INSTAL	RED 3x SILL, MIN				9	STUD TO STUD AND A AT
		,	9. STF	R 1 = STRUCTUR	AL 1 GRADE PL	YWOOD ON BOTH	FACES OF A SHEAT		IIRED USE 4x POST MIN SPACING IS LESS THAN		INTERSECTING WA
(4)	DOUBLE 2 X 6 #2 DF-L KING POST W/ HDU4 HOLDOWN INSTALL SB 5/8 X 24 ANCHOR BOLT IN FOUNDATION S	N AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. STEM WALL. SEE STRUCTUAL DETAILS .	6" OC. ALL THE FOLLOWING REQUIREMENTS SHALL BE MET: 1. USE 3x MAX SILLS & 3x TOP PLATES. 2. THE VERTICAL SHEAR PANEL JOINTS ON OPPOSITE FACES SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING								
			-	MEMBERS, UN	LESS SUCH FRA	MING SUCH FRAM	ING MEMBERS AR	E 4x OR THICKER.			AL
<u>NOTE:</u>	SEE STRUCTURAL DETAILS SHEETS A4.0/A4.1 FOR ADDITIC	NAL INFORMATION		LVED SHEARWA			6			11	CONTINUOUS HEA
STRU	ICTURAL NOTES	ROOF FRAMING NOTES	SHE	AR WAI	L NOT	ES				13	DOUBLE TOP PLATE
G1. REFER	TO SHEET S0.1 & S1.1FOR TYPICAL NOTES AND DETAILS.	R1. REFER TO SHEETS S0.1 FOR TYPICAL NOTES AND DETAILS.				wall Type 6 UNO o oted, are minimu		th not indicated		V	D0, D1, OR D2; AND BR SPACING
	REPARATION AND BUILDING PAD CONSTRUCTION SHALL ORDANCE WITH FOUNDATION NOTES ON SHEET S0.1.	R2. ROOF SHEATHING TO BE 15/32" APA RATED SHEATHING EXPOSURE 1. FASTEN WITH 10D @ 6" OC EDGES & 10D	5	Shear Wall to b	e full length of	f wall.	NAMES OF PERSONS PROV	an not multated		16	TOP OR BOTTOM P
	TURAL WALL STUDS, INCLUDING BEARING WALLS AND WALLS, SHALL BE 2X6 @ 16" OC, UNO.	@ 12" OC FIELD UNO. BLOCKING NOT REQ'D UNLESS NOTED ON PLAN.NO PANELS LESS THAN 24" WIDE SHALL BE USED.	S4. \			uds or posts with I APA rated Sheat		with 16d @ 12'		► ¹⁰	
G4. SEE SH	IEAR WALL SCHEDULE 4 S1.4.	R3. VERIFY ALL OPENING DIMENSIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. MECHANICAL UNIT	S5. E	Block all unsup		vith 2x material U Stagger nails whe		uired		17	TOP PLATES, LAPS A
CURBS AND DRAWINGS	ALL SLAB DIMENSIONS, INCLUDING DEPRESSIONS, D PADS WITH ARCHITECTURAL AND MECHANICAL NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF	LOCATIONS AND WEIGHTS TO MATCH MECHANICAL DRAWINGS. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OTHERWISE.	S7. U	Jse 20d sinker	nails in lieu of	16d nails at 3x sill rfaces adjacent t	plates.		N N		INTERSEC
	EPANCIES PRIOR TO CONSTRUCTION. FIONS SHOWN ON STRUCTURAL DRAWINGS ARE	R4. STRUCTURAL WALL STUDS, INCLUDING BEARING WALLS AND EXTERIOR WALLS, SHALL BE 2X6 @ 16" OC, UNO.				Shear Wall Type wall surface for fir		n board of same			
RELATIVE THE TOP OF SLAB-ON-GRADE ELEVATION OF 0'-0". COORDINATE ALL ELEVATIONS WITH ARCHITECTURAL AND CIVIL			10.00104 Jul			thick x 3" squar washer shall ext	에 집안에서 가슴에서 가지 않는 것이 많이				
	B. VERIFY PAD ELEVATION W/ FLOOD CERTIFICATION CONSTRUCTION.		e	edge of the sill	plate. A diago	onal slot is permit	ted on the plate	washer. The slot	:		
			s	standard cut w	asher shall be	bolt diameter ar used between the	plate and the nu	t			
			10.0101002101 20			hear Walls unless : shown with the St		Contraction of the state of the			
			S11. M	Nails used at pr	essure treated	sill plates shall be 10d common nails	e hot dipped galva	anized.			
			512. 1	novice a doub	le stud where	tou common nalis	a nave a span tign	ter trian 4 OC.			

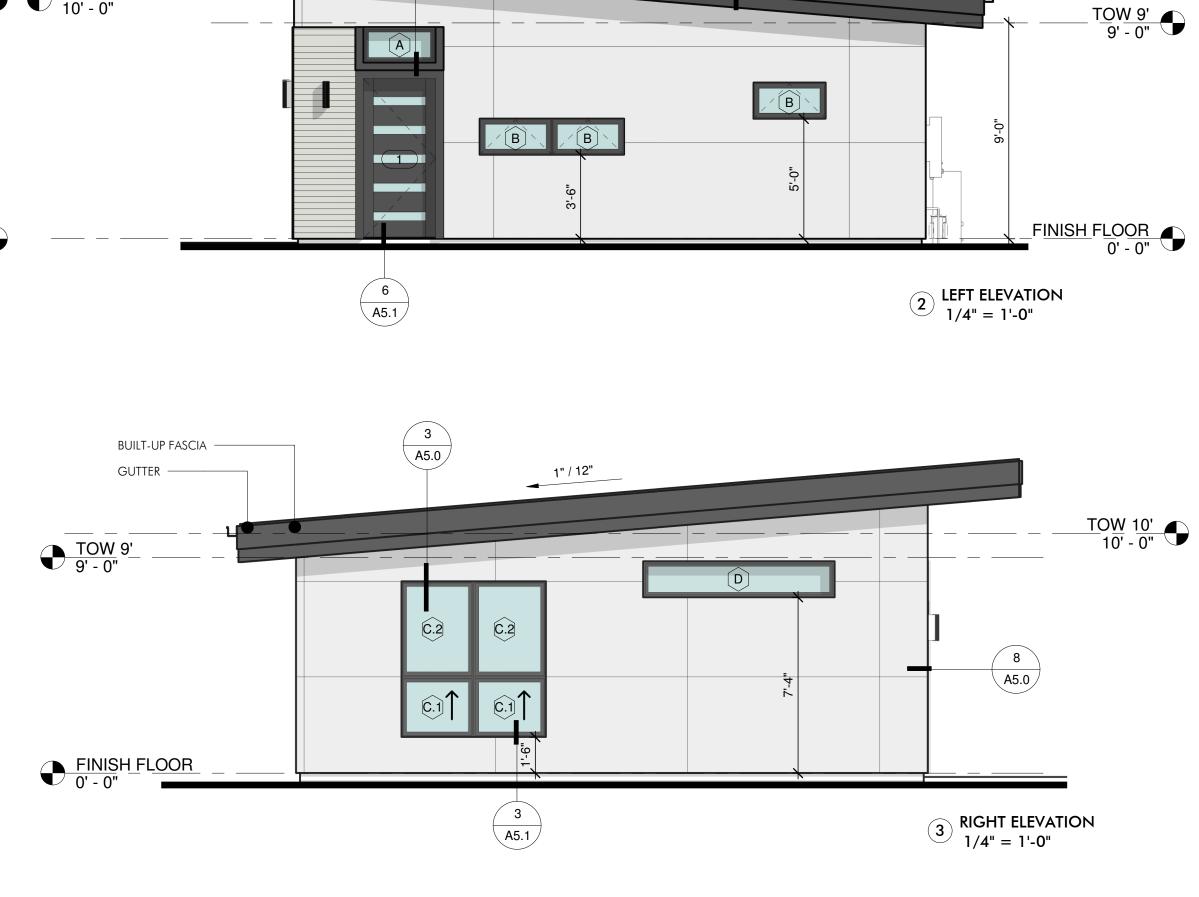
SPREAD FOOTING SCHEDULE			Shear Wall Schedule					CONVENTIO			
TYPE	SIZE & REINFORCEMENT		MARK	SHEATHING	NAILING (EN)	SILL/SHEAR TRANSFER NAILING	SHEAR TRANSFER	ANCHOR	SW CAPACITY (PIF)		DOF
F1	42" SQUARE X 12" DEEP, REINFORCED W/ 3 - #4'S EACH	I WAY, TOP & BOTTOM	6	15/32" SHTG	10d @ 6" OC	2-16d @ 6" OC	(S) A35 @ 16" OC	5"Ø@ 48" OC	310	ITEM	-
	SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATIC ADJACENT CONTINUOUS STRIP FOOTING.	IN AS BOTTOM OF		15/32" SHTG	10d @ 4" OC	2-16d @ 5" OC	(S) A35 @ 12" OC	[‡] "Ø @ 32" OC	460	1	BLOCKING BETWEEN OR RAFTERS TO
F2	24" SQUARE X 12" DEEP, REINFORCED W/ 2 - #4'S EACH	I WAY, TOP & BOTTOM	1. ALI	NAILS SHALL P	E COMMON O	R GALVANIZED BO	GALVANIZED BO	X NAILS SHALL BE	HOT DIPPED OR		
SET BOTTOM OF SPREAD FOOTING AT SAME ELEVATION AS BOTTOM OF ADJACENT CONTINUOUS STRIP FOOTING.			 ALL NAILS SHALL BE COMMON OR GALVANIZED BOX, GALVANIZED BOX NAILS SHALL BE HOT DIPPED OR TUMBLED. PLYWOOD AND OSB SHALL BE TYPE CDX GRADE OR BETTER (EXCEPT WHERE STRUCTURAL 1 GRADE IS NOTED). SHEARWALLS THAT REQUIRE 3x FRAMING SHALL BE USE 3x (MIN) @ PANEL EDGES AND NAILING SHALL BE STAGGERED. ALL AB MUST BE INSTALLED W/ 3x3x¹/₄" GALVANIZED PLATE WASHERS PER THE GOVERNING CBC. 						6	RAFTER OR ROOF T	
HOLDOWN KEYNOTES									8	STUD TO STUD (NOT A	
KEYNOTE	DESCRIPTION		5. PRE (OF	EDRILL SILL CON SCREW) DIAM	INECTIONS WH ETER.				BIT SIZE = 0.75 x NAIL		PANEL
2	DOUBLE 2 X 6 #2 DF-L KING POST W/ HDU2 HOLDOWN AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. AT 2-POUR INSTALLATION, INSTALL SSTB20 ANCHOR BOLT IN FOUNDATION STEM WALL, SEE STRUCTURAL DETAILS.		7. ALI	FASTENERS TH	AT ARE INSTAL	LED INTO PT LUM				9	STUD TO STUD AND A AT
			 INSTALL DBL 2x POST MIN @ END OF SHEARWALL, IF 3x FRAMING MEMBERS ARE REQUIRED USE 4x POST MIN STR 1 = STRUCTURAL 1 GRADE PLYWOOD ON BOTH FACES OF A SHEARWALL AND NAIL SPACING IS LESS THAN 6" OC. ALL THE FOLLOWING REQUIREMENTS SHALL BE MET: 					INTERSECTING WA			
(4)	DOUBLE 2 X 6 #2 DF-L KING POST W/ HDU4 HOLDOWN INSTALL SB 5/8 X 24 ANCHOR BOLT IN FOUNDATION S	AT BOTTOM OF KING POST. PLACE HTT4 ON TOP OF SILL PLATE. TEM WALL. SEE STRUCTUAL DETAILS .	 USE 3x MAX SILLS & 3x TOP PLATES. THE VERTICAL SHEAR PANEL JOINTS ON OPPOSITE FACES SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS, UNLESS SUCH FRAMING SUCH FRAMING MEMBERS ARE 4x OR THICKER. 								
NOTE: SEE STRUCTURAL DETAILS SHEETS A4.0/A4.1 FOR ADDITIONAL INFORMATION			11. INS	Contraction of the second s	OCKING MIN B	ELOW ALL DOUBLE				11	
STRU	ICTURAL NOTES	ROOF FRAMING NOTES	SHE	AR WAI	L NOT	ES				43	DOUBLE TOP PLATE
G1. REFER	TO SHEET S0.1 & S1.1FOR TYPICAL NOTES AND DETAILS.	R1. REFER TO SHEETS S0.1 FOR TYPICAL NOTES AND DETAILS.				wall Type 6 UNO o		th not indicated	•		D0, D1, OR D2; AND BR SPACING
G2. SITE PREPARATION AND BUILDING PAD CONSTRUCTION SHALL BE IN ACCORDANCE WITH FOUNDATION NOTES ON SHEET S0.1.R2. ROOF SHEATHING TO BE 15/32" APA RATED SHEATHING EXPOSURE 1. FASTEN WITH 10D @ 6" OC EDGES & 10D		 S2. Shear wall lengths, where noted, are minimum. Where length not indicated, Shear Wall to be full length of wall. S3. Edge nail wall sheathing to studs or posts with holdowns. S4. Wall sheathing to be 15/32" APA rated Sheathing (24/0) Exp 1 with 16d @ 12" OC field UNO. 						16	TOP OR BOTTOM P		
G3. STRUCTURAL WALL STUDS, INCLUDING BEARING WALLS AND EXTERIOR WALLS, SHALL BE 2X6 @ 16" OC, UNO.@ 12" OC FIELD UNO. BLOCKING NOT REQ'D UNLESS NOTED ON PLAN.NO PANELS LESS THAN 24" WIDE SHALL BE USED.									TOP OR BOTTOM P		
G4. SEE SH	IEAR WALL SCHEDULE 4 S1.4.	R3. VERIFY ALL OPENING DIMENSIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. MECHANICAL UNIT	S5. E	Block all unsup		with 2x material U		uirod		17	TOP PLATES, LAPS A
G5. VERIFY ALL SLAB DIMENSIONS, INCLUDING DEPRESSIONS, CURBS AND PADS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OFLOCATIONS AND WEIGHTS TO MATCH MECHANICAL DRAWINGS. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF		 S7. Use 20d sinker nails in lieu of 16d nails at 3x sill plates. S8. Portions of interior wall surfaces adjacent to specified shear walls shall be 							INTERSEC		
G6. ELEVAT RELATIVE T COORDINA DRAWINGS	REPANCIES PRIOR TO CONSTRUCTION. TIONS SHOWN ON STRUCTURAL DRAWINGS ARE THE TOP OF SLAB-ON-GRADE ELEVATION OF 0'-0". TE ALL ELEVATIONS WITH ARCHITECTURAL AND CIVIL S. VERIFY PAD ELEVATION W/ FLOOD CERTIFICATION CONSTRUCTION.	R4. STRUCTURAL WALL STUDS, INCLUDING BEARING WALLS AND EXTERIOR WALLS, SHALL BE 2X6 @ 16" OC, UNO.	S9. / S9. / S10. N S11. N	hickness to pro Anchor bolts to blates. The edg edge of the sill shall be ¾6" gr standard cut wa No openings an Coordinate any Nails used at pr	ovide an even o have 0.229" ge of the plate plate. A diago eater than the asher shall be e allowed in Sh openings not ressure treated	Shear Wall Type wall surface for fir ' thick x 3" squar washer shall ext onal slot is permit bolt diameter ar used between the hear Walls unless shown with the St d sill plates shall be 10d common nails	hish materials. The plate washer a end to within ½" ted on the plate and no more than plate and the nu shown on the Stru- ructural Engineer to the dipped galva	at foundation sil of the sheathed washer. The slot 1¾" in length. A t. uctural plans.	l d t		



SHEAR WALL SCHEDILLE







3 A5.0

7 A5.1

MATERIALS LEGEND

ACCENT SIDING



ALT 2:ALT 1:1X6 TONGUE & GROOVECLASS 'A' COMPOSITE BAMBOOCEDAR PLANK O/ 1 LAYER 5/8"SIDING "DASSO-XTR," OR EQUAL'TYPE X' GYP BOARDO/ 1 LAYER 5/8" 'TYPE X' GYP BOARD

BODY SIDING



OPTION 1 (SHOWN IN ELEVATIONS): HARDI FIBER CEMENT 'REVEAL' PANEL SYSTEM



OPTION 3: 2-COAT SAND FINISH ACRYCLIC STUCCO O/ 1" RIGID FOAM

OPTION 4: CORRUGATED/RIBBED VERTICAL METAL PANEL SIDING



PREDESIGNED PLAN SETS BY RAD STUDIO COPYRIGHT RAD STUDIO, 2022 P: 530.653.0777 W: WWW.RADSTUDIO.DESIGN

// CONSULTANT





// ISSUED REVISION # DATE

DESCRIPTION

ELEVATION NOTES

S

1. ANY STUCCO SIDING TO BE LA HABRA FASTWALL PER ESR-2564 OVER R-TECH FOAM W/ WEEP SCREED, INSTALLED PE ESR-1788. (PROTECT PER SEC R316)

2. WEEP SCREED TO BE MIN. NO. 26 GALVANIZED SHE ET GAGE WITH 31/2" FLANGE AT OR BELOW FOUNDATION PLATE LINE. SCREE SHALL BE PLACED A MIN. OF 4" ABOVE EARTH OR 2" CONCRETE, ALLOWING TRAPPED WATER TO DRAW EXTERIOR, LAP PAPER OVER ATTACHMENT FLANGE WALLS IN ACCORDANCE W/ ASTM C 926. PERCENT O STUD

- WATER-RESISTIVE BARRIER AT MIN. OF 2 LAYERS OF GRADE D
- END GUTTER MIN. 1' BEF STUCCO WALL. 4. FINISHED
- WATER-RESISTIVE B. MIN. OF 2 LAYERS OD SHEATHING TO BE PER. CRC 703.6.3 5.

N NOTES - GENERAL NOTES SHT SEE FIRE RESIST

// AGENCY APPROVALS

// PROJECT NO.

THE PINE SHED 650

// CLIENT

// MANAGEMENT

PROJECT NO: DRAWN BY: CHECKED BY: ISSUE DATE: COPYRIGHT:

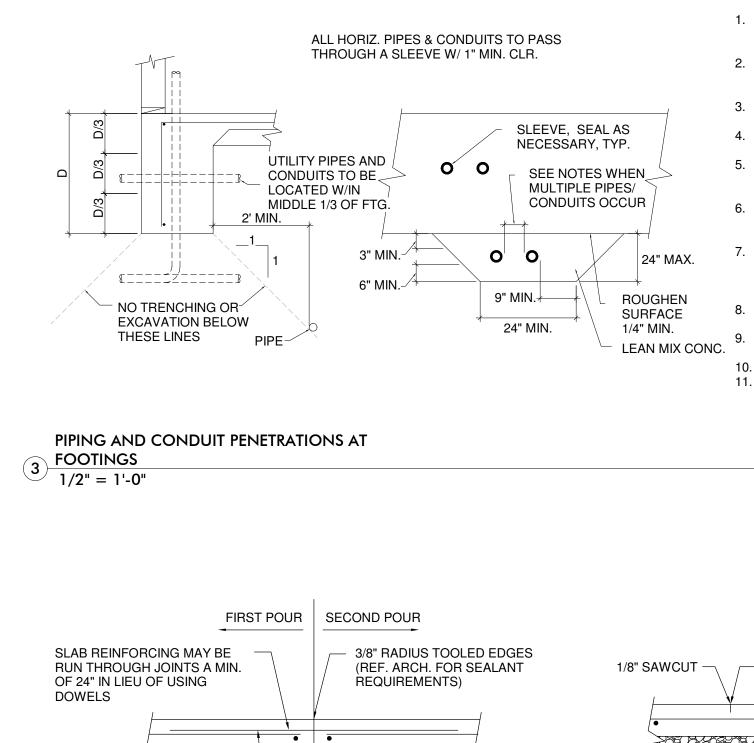
Author Checker 9/14/2023 10:18:37 AM RAD STUDIO 2019

// SHEET TITLE

ELEVATIONS -MIRRORED

// SHEET NO.

A3.0M



- THICKEN SLAB 2" @ JOINT, TYP. # 4 DOWELS, 3'-0" @ 18" O.C.—

CONSTRUCTION JOINT (CJ)

NOT	'ES:
1.	CONSTRUCTION JOINTS AND CONTROL JOINTS SHALL BE USED TO DIVIDE SLAB INTO AREAS NOT EXCEEDING 225 SQ. FT.
2.	SLAB AREAS SHALL BE WITHOUT REENTRANT CORNERS.
3.	WIDTH TO LENGTH RATIOS SHALL NOT EXCEED 1-1/2 TO 1.
4.	JOINT SPACING SHALL NOT EXCEED 15' IN EITHER DIRECTION.
5.	CONTRACTOR SHALL SUBMIT LAYOUT PLAN SHOWING PROPOSED CONTROL AND CONSTRUCTION JOINT LOCATIONS TO
	ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO POURING SLAB.
6.	SEMIRIGED SEALANT TO BE EUCLID EUCO #700 OR APPROVED EQUAL

4 SLAB JOINTS 1" = 1'-0"

r						
SCREWED/BOLTED HOLDOWN SCHEDULE						
ANCHOR	POST CONNECTORS	ANCHOR	MIN. POST			
HDU2 OR	(6) SDS25212 SCREWS	SSTB24	(2) 2 X			
STHD10*	(20) 16D SINKERS	"				
HDU4 OR	(10) SDS25212 SCREWS	SB5/8 X 24	(2) 2 X			
STHD14*	(24) 16D SINKERS	"				
HDU5	(14) SDS25212 SCREWS	SSTB24	(2) 2 X			
HDU8	(20) SDS25212 SCREWS	SB7/8 X 24	(2) 2 X			
HDU11	(30) SDS25212 SCREWS	PAB8	6 X 6			
HDU14	(36) SDS25212 SCREWS	PAB8	6 X 6			
HD19	(5) 1" DIA. A307 BOLTS	PAB9	6 X 6			
1) RE-TIGHTEN ALL BOLTS PRIOR TO SHEARWALL CLOSE-IN						
2) DOUBLE 2 X HOLDOWN POSTS SHALL BE SISTERED TOGETHER F						
SILL NAILING REQUREMENTS FOR SHEARWALL TYPE.						
3) HD ANCHORS ARE IN ADDITION TO SILL BOLTS.						

5 FOUNDATION HOLDOWN NOTES 12" = 1'-0"

- NOTES:
- ALL VERTICAL PIPES AND CONDUITS TO BE WRAPPED W/ 30# FELT OR OTHER APPROVED MATL'S. AS REQ'D TO PREVENT BOND AND ALLOW FOR THERMAL EXPANSION AND CONTRACTION
- VERTICAL PIPES AND CONDUITS MAY BE PLACED IN CONTINUOUS FTGS. PROVIDED THEY ARE NO LARGER THAN 1/6 OF THE FTG. WIDTH AND THEY OCCUR WITHIN THE MIDDLE 1/2 OF THE FTG. WIDTH. REBAR MAY NOT BE INTERRUPTED, CUT OR DISPLACED BY PIPING AND/OR
- CONDUITS. EXTEND/STEPDOWN FOOTING DOWNWARD IF PIPING AND/OR CONDUITS OCCUR IN THE LOWER 1/3 OF FTG. DEPTH
- PIPING OR CONDUITS IN PLACE PRIOR TO PLACEMENT OF CONCRETE SHALL BE WRAPPED W/ 1" STYROFOAM INSULATION OR OTHER APPROVED MATERIALS IN LIEU OF PROVIDING A SLEEVE.
- MULTIPLE PIPES/CONDUITS SHALL BE SPACED A MIN. OF 4 DIAMETERS O.C. W/ A MIN. OF 3" OF CONC. BETWEEN THEM. (DIAMETER FOR THIS PURPOSE IS THE DIAMETER OF THE ENTIRE OPENING THROUGH THE FOOTING.)
- PIPES AND CONDUITS PLACED PERPENDICULAR TO FOOTINGS AND EXCEEDING 2'-0" BELOW THE BOTTOM OF FOOTINGS MAY NOT REQUIRE LEAN MIX CONCRETE ENCASEMENT SUBJECT TO THE WRITTEN ACCEPTANCE OF THE SOILS ENGINEER.
- LEAN MIX CONCRETE FILL SHALL BE PLACED BEFORE FTSG.ARE CAST. (A MONOLITHIC FOOTING IS ALSO ACCEPTABLE.) NO PIPING AND/OR CONDUITS SHALL BE PLACED BELOW SPREAD FTGS. OR
- WITHIN A 1 TO 1 BEARING ZONE AROUND FOOTINGS. PIPING AND CONDUIT MAY NOT BE PLACED PARALLEL TO AND WITHIN FTGS. NON CONFORMING CONDITIONS ARE TO BE REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER ON A CASE BY CASE BASIS.

3/8" SEALANT O/

REF. ARCH

SEMI-RIGID

- SEALANT

SLAB CONTROL JOINT (SJ)

5/8" BACKER ROD

EXPANSION JT. MAT'L.

- 1/2" JOINT

OF TRAVEL

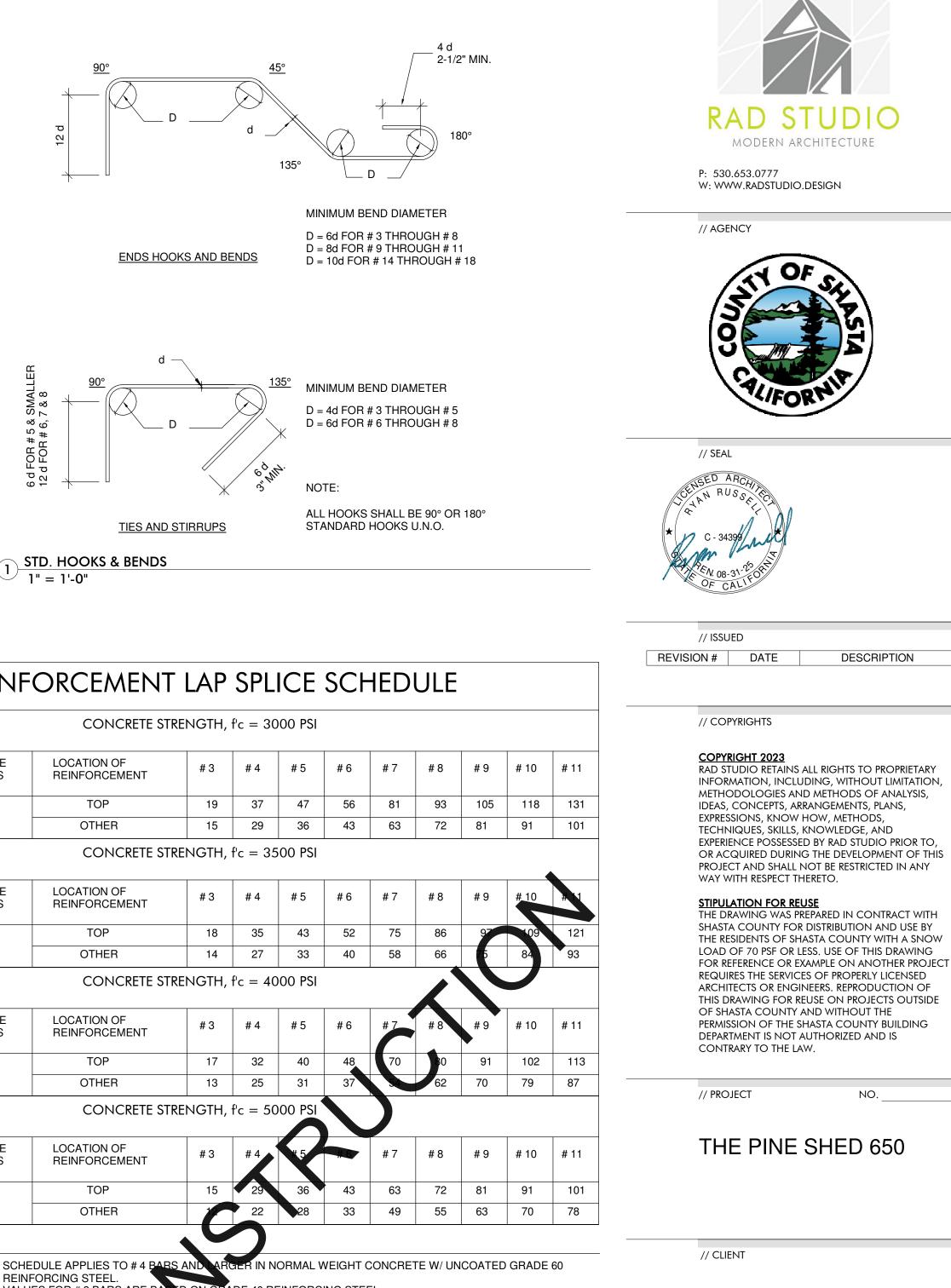
SEE PLAN FOR BASE, TYP.

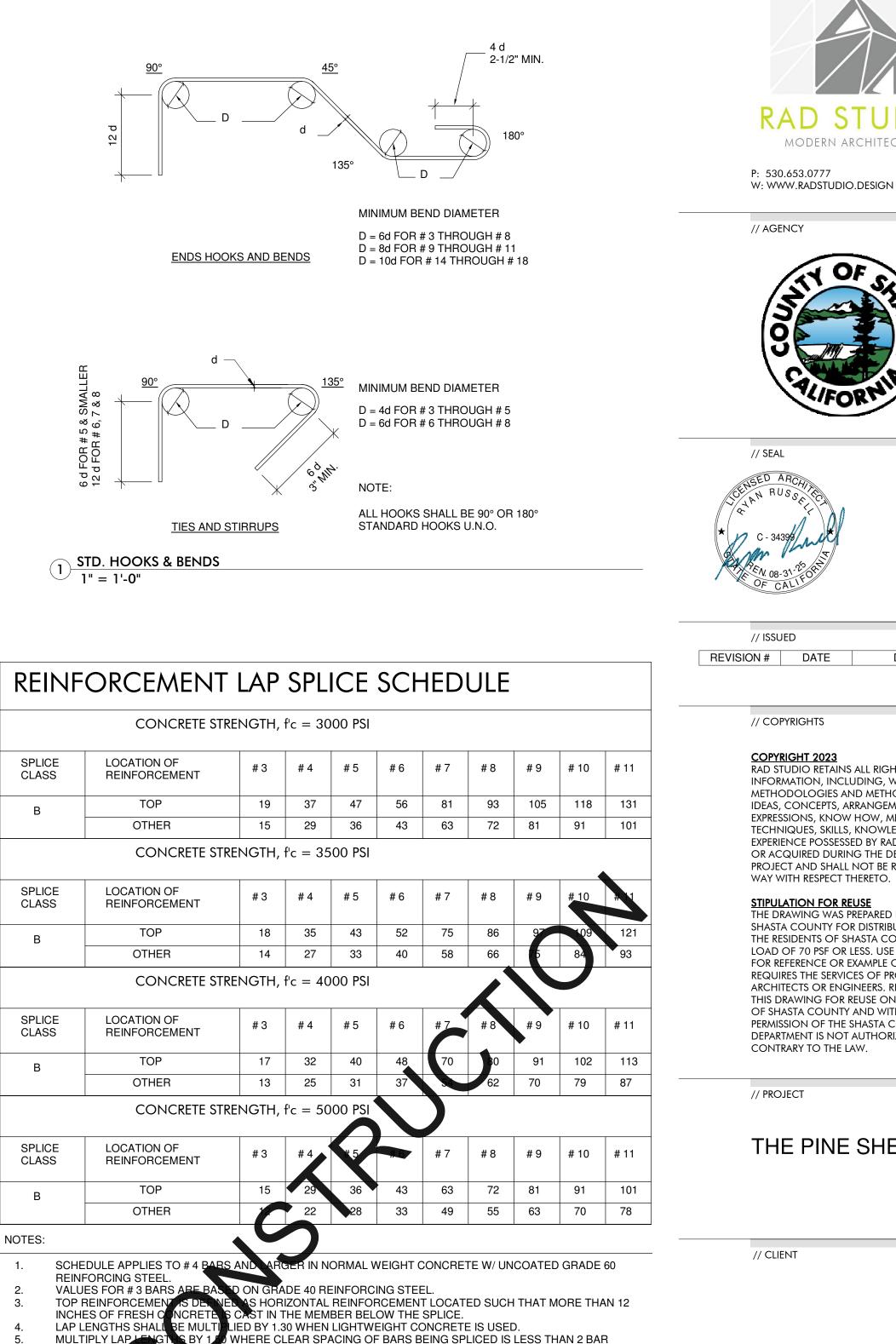
EXPANSION JOINT (EJ)

- 3/8" RADIUS TOOLED EDGES

DOWELS @ 18" O.C. AT PATHS

PROVIDE 1/2" DIA. SMOOTH





PER

* CONTRACTOR'S OPTON TO SUBSTITUTE STHD TYPE HOLDOWNS:

STRA	STRAP HOLDOWN SCHEDULE						
STRAP	FASTENERS	END	MIN.				
	EACH END	LENGTH	POST				
CMST12	(37) 16D	33"	4 X 8				
CMST14	(28) 16D	26"	4 X 6				
CMSTC16	(25) 16D	20"	4 X 4				
(2) CS14	(15) 8D EACH STRAP	16"	4 X 4				
(2) CS16	(11) 8D EACH STRAP	13"	4 X 4				
CS14	(15) 8D	16"	(2) 2 X				
CS16	(11) 8D	13"	(2) 2 X				
STHD10	(20) 16D SINKERS	24-5/8"	(2) 2 X				
STHD14	(30) 16D SINKERS	26-1/8"	(2) 2 X				

1) FILL ALL NAIL HOLES PER MANUFACTURER'S REQUIREMENTS 2) PLACE STRAPS OVER WALL SHEATHING

3) STRAPS MUST BE INSTALLED FLAT TO THE FACE OF THE POST WITH NO BENDS

4) LOADS INCLUDE A 60% LOAD DURATION INCREASE ON THE FASTENERS FOR WIND OR SEISMIC LOADING

5) PRE-DRILL HOLES WHEN NECESSARY TO PREVENT WOOD SPLITTING 6) WHEN NAILING OVER SHEATHING NAILS MUST BE 2 1/2" LONG. MIN.

WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR R COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIAMETER, U.N.O. PLENGT S BY 2.00 WHERE NOTES 4 AND 5 OCCUR TOGETHER, U.N.O. BY 1.30 WHEN CLASS A SPLICES ARE CALLED FOR IN DETAILS LENGT

EMENT LAP SPLICE SCHEDULE

DIAMETER

MULTIPLY

MULTIPLY

FOUNDATION TYPICAL

NO

DH

Checker

9/14/2023 10:21:26 AM

RAD STUDIO 2019

A4.0

// SHEET NO.

DETAILS

// MANAGEMENT

PROJECT NO: DRAWN BY:

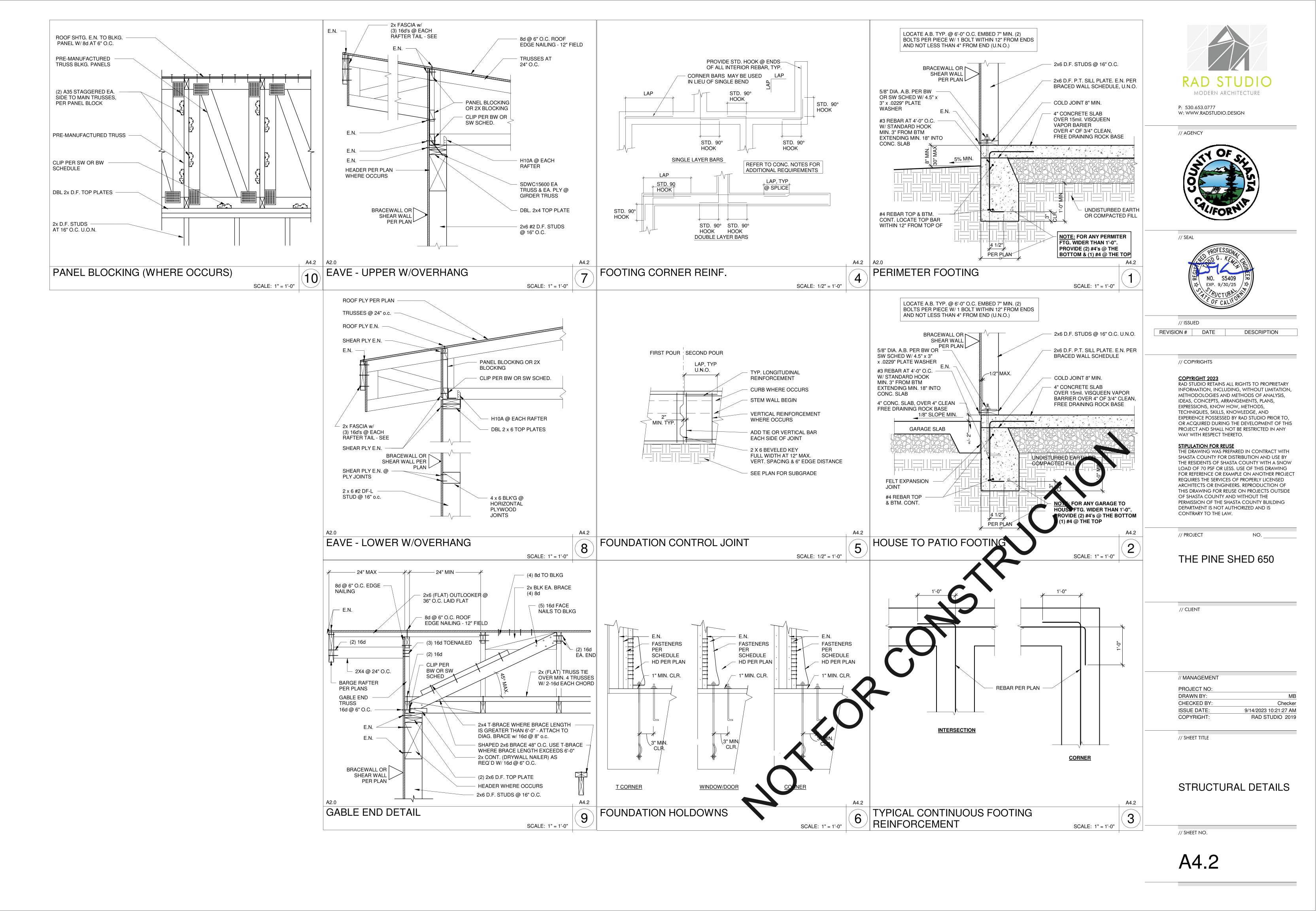
CHECKED BY

ISSUE DATE

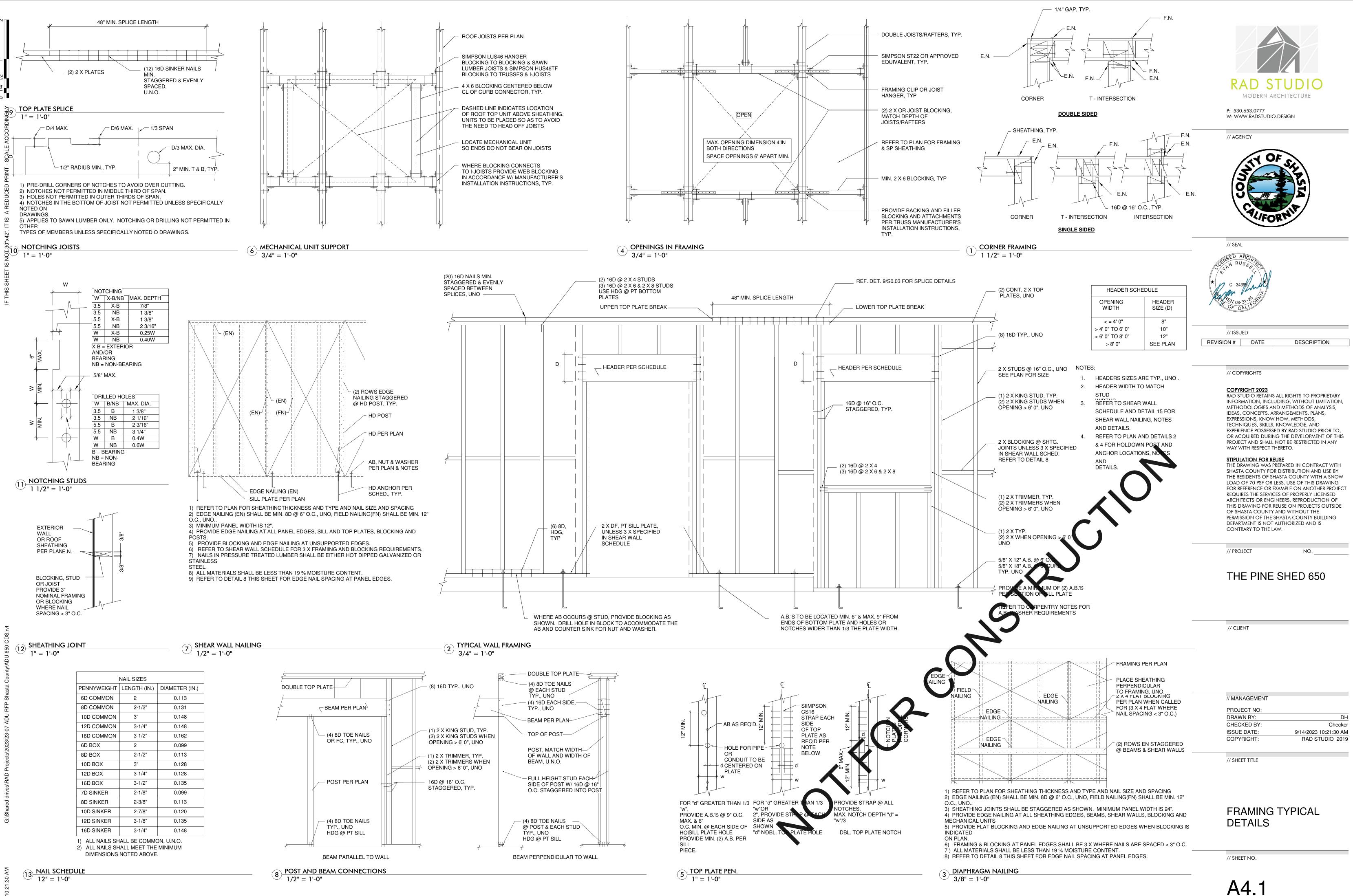
COPYRIGHT:

// SHEET TITLE

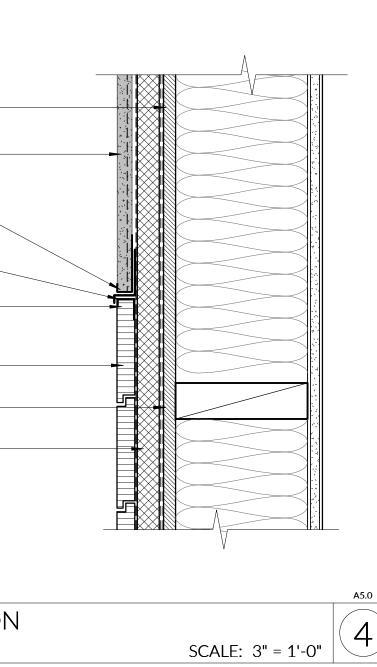




9/14/2023 10:21:27 AM



SHEATHING - SEE
STRUCTURAL
SIDING PER EXTERIOR ELEVATION OPTIONS
PLASTER J-MOLD W/
26 GA. Z-FLASHING
METAL CLOSURE FLASHING
WOOD PER EXTERIOR
DOUBLE LAYER OF WATER RESISTANT BARRIER
WEATHER RESISTIVE RIGID INSULATION BOARD, WHERE OCCURS
HORIZONTAL TRANSITION





STUCCO W/ SELF FURRING LATH

WEATHER RESISTIVE **RIGID INSULATION** BOARD, WHERE OCCURS

DOUBLE LAYER OF WATER **RESISTANT BARRIER** SHEATHING - SEE STRUCTURAL

A. STUCCO SIDING

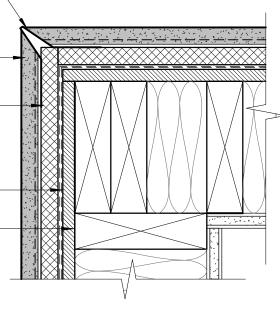
GALVANIZED STEEL CORNER BEAD

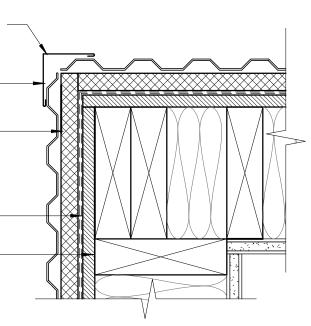
METAL SIDING PER ELEVATIONS

WEATHER RESISTIVE RIGID INSULATION BOARD, WHERE OCCURS

DOUBLE LAYER OF WATER RESISTANT BARRIER SHEATHING - SEE STRUCTURAL

B. METAL PANEL SIDING





ROOF PLAN -

SOFFIT PER

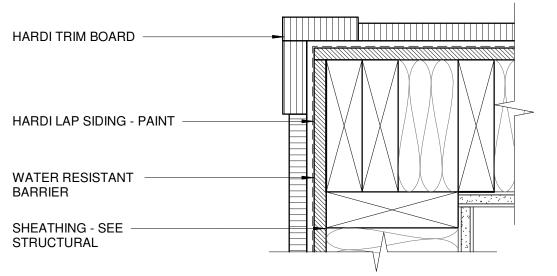
GUTTER

GUARD

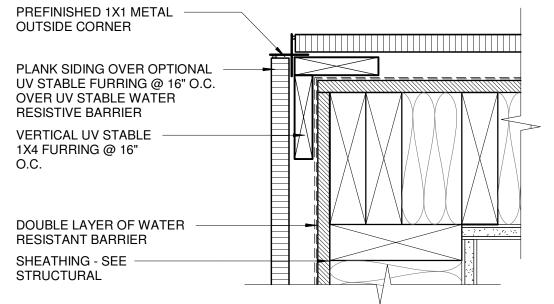
A3.0

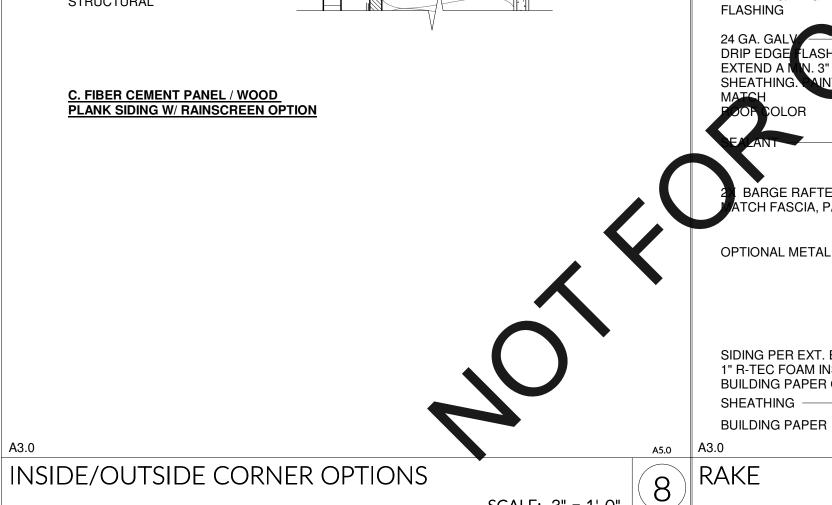
PLAN

A3.0









SCALE: 3" = 1'-0"

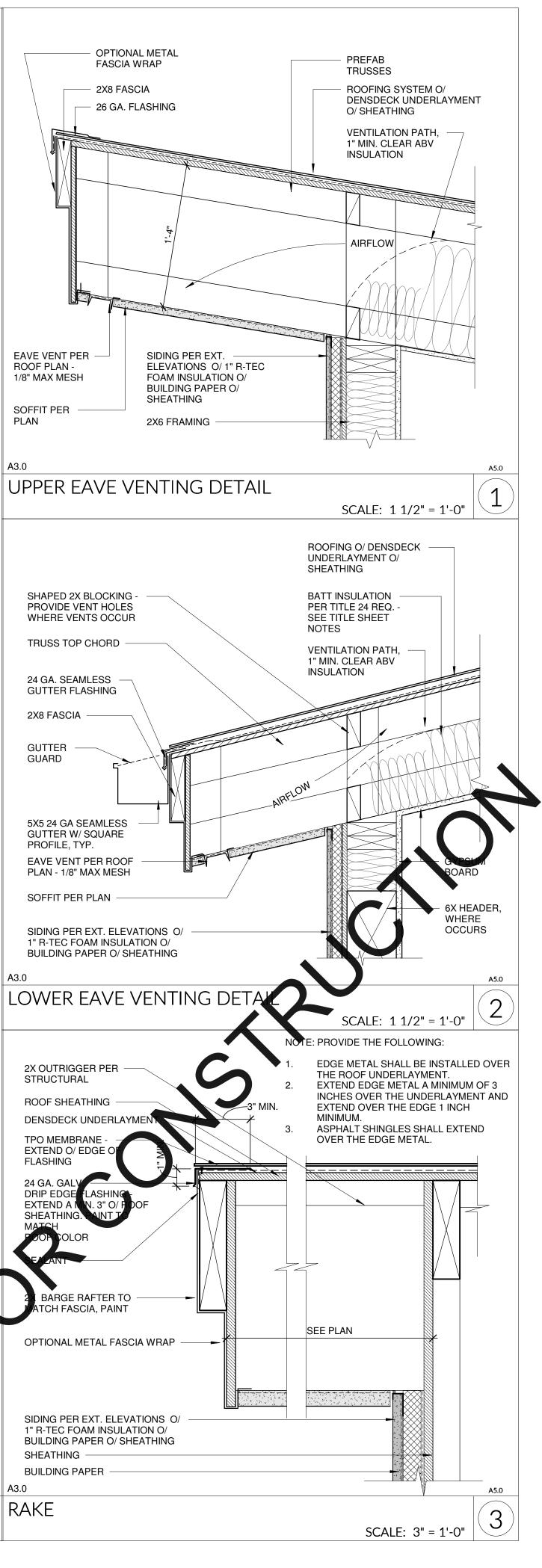
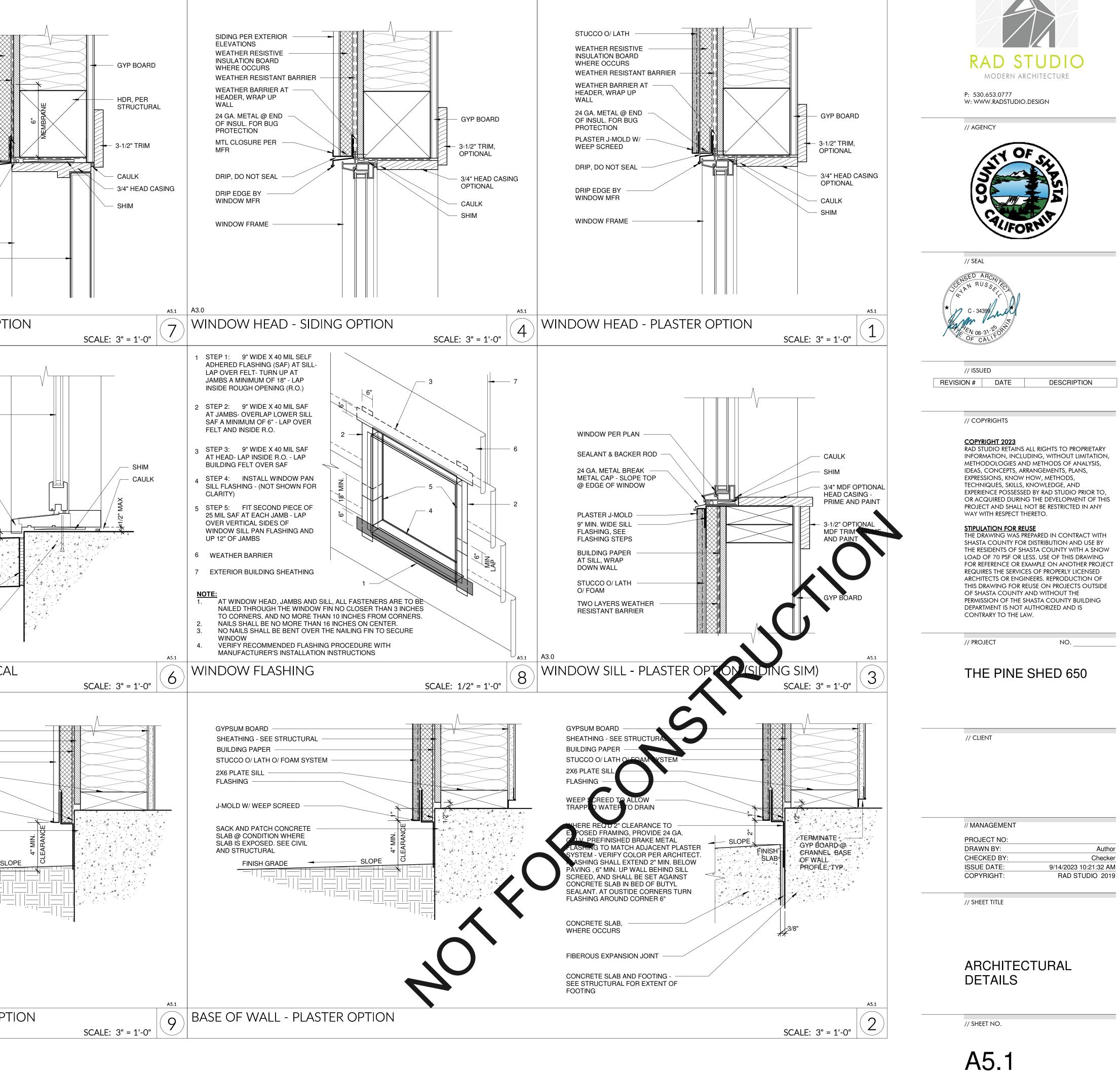


Image: Constraint of the second sec
// AGENCY
// SEAL CENSED ARCHINE $V = A N RUSSEEC - 34399C - 3490C - 34399C - 34399C - 3490$
// ISSUED REVISION # DATE DESCRIPTION
<pre>// COPYRIGHTS</pre>
// CLIENT
// MANAGEMENT PROJECT NO: DRAWN BY: Author CHECKED BY: Checker ISSUE DATE: 9/14/2023 10:21:31 AM COPYRIGHT: RAD STUDIO 2019 // SHEET TITLE
ARCHITECTURAL DETAILS

A5.0

// SHEET NO.

METAL SIDING PER EXTERIOR ELEVATIONS WEATHER RESISTIVE INSULATION BOARD WEATHER RESISTANT BARRIER WEATHER BARRIER AT HEADER, WRAP UP WALL 24 GA. METAL @ END OF INSUL. FOR BUG PROTECTION SEALANT AND BACKER ROD DOOR FRAME PER SCHEDULE DOOR PANEL PER PLAN	STUCCO O/ LATH WEATHER RESISTIVE INSULATION BOARD WHERE OCCURS WEATHER RESISTANT BARRIER WEATHER BARRIER AT HEADER, WRAP UP WALL 24 GA. METAL @ END OF INSUL. FOR BUG PROTECTION PLASTER J-MOLD W/ WEEP SCREED 9" WIDE, 24 GA METAL DRIP EDGE FLASHING SEALANT AND BACKER ROD DOOR FRAME PER SCHEDULE DOOR PANEL PER PLAN
DOOR HEAD - METAL OPTION SCALE: 3" = 1'-0"	
	SWING DOOR PER PLAN
	THRESHOLD - VARIES BY DOOR TYPE
	CONCRETE PAVING
	SLOPE 2% MAX.
	1/2" FIBERBOARD WITH SEALANT 1/4" DIA. EXPANSION ANCHOR WITH 1-1/2" MIN. EMBEDMENT. (3) PER THRESHOLD
	A3.0 DOOR THRESHOLD - TYPICAL
	GYPSUM BOARD
	24 GA METAL CLOSURE TRIM
	SACK AND PATCH CONCRETE SLAB @ CONDITION WHERE SLAB IS EXPOSED. SEE CIVIL AND STRUCTURAL
	FINISH GRADE
	BASE OF WALL - SIDING OPTIC
	·



Author