

# Single Family Dwelling Unit 3 Bedroom A - 1469 s.f. Inyo County, CA

## APPLICANT AGREEMENT

APPLICANT AGREES TO PROVIDE ALL NECESSARY INFORMATION REQUIRED TO COMPLETE THESE CONSTRUCTION DOCUMENTS. MODIFICATIONS TO THE PERMIT READY DOCUMENTS PROVIDED BY DESIGN PATH STUDIO ARE TO BE DISCLOSED BY THE APPLICANT AND APPROVED BY THE AUTHORITY HAVING JURISDICTION. ANY MODIFICATIONS TO THESE CONSTRUCTION DOCUMENTS REQUIRES EACH SHEET TO BE SIGNED BY THE PERSON WHO MADE THE CHANGES. ANY ADDITIONAL SHEETS INCORPORATED INTO THESE DOCUMENTS ALSO REQUIRES A SIGNATURE BY THE PERSON WHO PREPARED THE INFORMATION. THE FOUNDATION DESIGN FOR THESE PERMIT READY CONSTRUCTION DOCUMENTS ASSUMES STANDARD SOILS CONDITIONS AND LEVEL TOPOGRAPHY. IF SITE SPECIFIC CONDITIONS REQUIRE A FOUNDATION DESIGN BEYOND WHAT IS PROVIDED IN THESE DOCUMENTS THEN THE APPLICANT IS TO PROVIDE A NEW FOUNDATION DESIGN WHICH COMPLIES WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER'S REPORT.

BY SIGNING BELOW THE APPLICANT AGREES TO AND AFFIRMS ALL STATEMENTS INCLUDED HEREIN AND WILL COMPLY WITH ALL LOCAL CODE REQUIREMENTS.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

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CONTACT LOCAL UTILITY COMPANIES REGARDING GAS AND ELECTRIC SERVICES TO THIS DETACHED SFD. SEE EXAMPLE SITE PLAN, SHEET AS.2, FOR MORE INFORMATION

## ZONING INFORMATION

CONTACT INYO COUNTY FOR THE INFORMATION BELOW  
pw.permits@inyocountyus PHONE:(760)878-0263

ZONING : \_\_\_\_\_

OVERLAY : \_\_\_\_\_

LOT SIZE : \_\_\_\_\_

EXISTING HABITABLE SQ. FT. : \_\_\_\_\_

EXISTING FAR : \_\_\_\_\_

MAX. ALLOWABLE FAR : \_\_\_\_\_

PROPOSED FAR : \_\_\_\_\_

FLOOR AREA OF GARAGE: \_\_\_\_\_

EXISTING LOT COVERAGE: \_\_\_\_\_

ALLOWABLE LOT COVERAGE : \_\_\_\_\_

PROPOSED LOT COVERAGE : \_\_\_\_\_

LOT SLOPE : \_\_\_\_\_

ADU SETBACKS FROM PROPERTY LINE

ALLOWED : FRONT- \_\_\_\_\_ PROPOSED : FRONT- \_\_\_\_\_  
REAR- \_\_\_\_\_ REAR- \_\_\_\_\_  
SIDE- \_\_\_\_\_ SIDE- \_\_\_\_\_  
STREET SIDE- \_\_\_\_\_ STREET SIDE- \_\_\_\_\_

ADU SETBACKS FROM MAIN RESIDENCE

ALLOWED : \_\_\_\_\_ PROPOSED : \_\_\_\_\_

OFF STREET PARKING : \_\_\_\_\_

REQUIRED: \_\_\_\_\_ PROVIDED: \_\_\_\_\_

## DIRECTORY

SITE PLAN & TITLE SHEET INFORMATION PREPARED BY:

COMPANY  
CONTACT PERSON  
ADDRESS

PHONE  
EMAIL

PROPERTY OWNER:

NAME  
ADDRESS

PHONE  
EMAIL

BUILDING DEPARTMENT:

INYO COUNTY: BUILDING SAFETY & DEPARTMENT  
377 W. LINE ST.  
BISHOP, CA 93514  
P. (760)873-7857

## VICINITY MAP

PROVIDED BY OWNER

## HERS NOTES

- PROPERLY COMPLETED AND ELECTRONICALLY SIGNED CERTIFICATE OF INSTALLATION (CF2R FORMS) SHALL BE POSTED WEATHER PROTECTED WITHIN BUILDING FOR REVIEW BY INSPECTORS - EES 10-103(A)3, 10-103(B)1.A - BY THE INSTALLING CONTRACTOR AND SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION AT THE SITE. FOR PROJECTS REQUIRING HERS VERIFICATION, THE CF2R FORMS SHALL BE REGISTERED WITH A CALIFORNIA APPROVED HERS PROVIDER DATA REGISTRY WITH ITS OWN UNIQUE 21 DIGIT REGISTRATION NUMBER LOCATED AT THE BOTTOM OF EACH PAGE. THE FIRST 12 DIGITS WILL MATCH THE REGISTRATION NUMBER ASSOCIATED WITH THE CF1R FORM. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THE CF2R FORMS ARE REVIEWED AND APPROVED.
- PROPERLY COMPLETED & ELECTRONICALLY SIGNED AND REGISTERED CERTIFICATE(S) OF FIELD VERIFICATION AND DIAGNOSTIC TESTING (CF3R) SHALL BE POSTED WEATHER PROTECTED WITHIN THE BUILDING SITE BY A CERTIFIED HERS RATER. A REGISTERED CF3R WILL HAVE A UNIQUE 25 DIGIT REGISTRATION NUMBER LOCATED AT THE BOTTOM OF EACH PAGE. THE FIRST 20 DIGITS OF THE NUMBER WILL MATCH THE REGISTRATION NUMBER ASSOCIATED WITH THE CF2R. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THE CF3R IS REVIEWED AND APPROVED. EES 10-103(A)3, 10-103(B)1.A.
- CF1R REGISTRATION FORMS ARE LOCATED ON THE PLANS. IF REGISTRATION IS REQUIRED, A WATER-MARK AND REGISTRATION NUMBER WILL BE VISIBLE.
- HERS TESTS REQUIRED FOR THIS PROJECT ARE:  
VARIABLE CAPACITY HEAT PUMP - DUCTLESS UNITS ENTIRELY LOCATED IN CONDITIONED SPACE, AIRFLOW IN HABITABLE ROOMS, WALL MOUNTED THERMOSTAT IN ZONES GREATER THAN 150 S.F., VERIFY HEAT PUMP RATED CAPACITY, AND REFRIGERANT CHARGE. KITCHEN RANGE HOOD CFM VERIFICATION (100 CFM = 3 SONES) IAQ MECHANICAL VENTILATION - SEE NEW DUCTING REQUIREMENTS TABLE 150.0-H
- FOR IAQ FAN - SEE SITE SPECIFIC T24 SHEETS FOR CFM REQUIREMENTS FOR A CONTINUOUSLY OPERATING EXHAUST FAN. PROVIDE A TIMER SWITCH WITH A MANUAL OFF AND A SOUND RATING OF 1 SONE (3 SONES MAX FOR AN INTERMITTENT FAN). THIS FAN TO PROVIDE A WHOLE BUILDING INDOOR AIR QUALITY VENTILATION WITH OUTDOOR AIR IN COMPLIANCE WITH ASHRAE STANDARD 62.2 AS ADOPTED BY THE CALIFORNIA ENERGY COMMISSION.
- PV SYSTEM SOLAR: SEE SITE SPECIFIC T24 SHEETS FOR KWDC REQUIRED. POSSIBLE PV EXCEPTION 2: NO PV REQUIRED WHEN MINIMUM PV SIZE < 1.8 KWDC(SECTION 150.1(C)14) PV EXEMPTION BASED IN UPDATED ENERGY CALCULATIONS WITH SITE SPECIFIC INFORMATION.
- SPECIAL FEATURES: VCHP REQUIRED ITEMS LISTED ABOVE AND NEEA RATED HEAT PUMP WATER HEATER; SPECIFIC BRAND/MODEL OR EQ.
- NEW 2022 ELECTRIC READY REQUIREMENTS: PROVIDE SPACE FOR HEAT PUMP WATER HEATER; A 240V OUTLET IS REQUIRED FOR WATER HEATER, DRYER, AUTO CHARGING, AND STOVE INCLUDING BREAKER SPACE. ENERGY STORAGE SYSTEM FOR A FUTURE BATTERY SYSTEM (BATTERY READY) IS REQUIRED IF FULL SYSTEM IS NOT INSTALLED.

## BUILDING INFORMATION

GOVERNING CODES: APPROVAL OF THIS PROJECT SHALL COMPLY WITH THE 2022 CALIFORNIA BUILDING CODE, CALIFORNIA RESIDENTIAL CODE (CRC), CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA PLUMBING CODE (CPC), CALIFORNIA ELECTRICAL CODE (CEC), CALIFORNIA ENERGY CODE (CEC), CALIFORNIA GREEN BUILDING CODE (CGBC) AND INYO COUNTY MUNICIPAL CODE.

SITE ADDRESS:

GOVERNING AGENCY: INYO COUNTY, CA.  
OCCUPANCY GROUP: R3  
STORIES: 1  
TYPE OF CONSTRUCTION: VB

## PROJECT DESCRIPTION

NEW CONSTRUCTION OF A ONE STORY, 3 BEDROOM, DETACHED 1469 S.F. ACCESSORY DWELLING UNIT

PORCH AREAS:  
RANCH: 63 S.F. SPANISH: 63 S.F. TRADITIONAL: 63 S.F.

## LEGAL DESCRIPTION

## APN

## REQUIRED SUPPLEMENTAL INFORMATION - TO BE COMPLETED BY OWNER

### additional plan information provided by applicant:

- COMPLETED
- TITLE SHEET (T1.1) INFORMATION FILLED OUT
- SITE PLAN SHEET (AS.2) PROVIDED IN PLAN SET FOR CITY REVIEW
- UPDATED TITLE 24 ENERGY CALCULATION. REPORT WITH CORRECT NAME, ADDRESS, AND EXACT ORIENTATION FOR SITE SPECIFIC CONDITIONS. OWNER MAY CONTACT THE ENTITY WHO PREPARED THE ORIGINAL REPORT (SHOWN ON T24.1) TO OBTAIN UPDATES TO THE REPORT.
- CONSTRUCTION AND DEMOLITION FORM

### exterior style selection:

SELECTION (SEE SHEET T1.2 FOR EXTERIOR RENDERING)

- RANCH
- SPANISH
- TRADITIONAL

### exterior wall material:

SELECTION(S)

- STUCCO / COLOR \_\_\_\_\_
- STONE VENEER / COLOR \_\_\_\_\_
- FIBER CEMENT - SIDING / COLOR \_\_\_\_\_
- WOOD SIDING / COLOR \_\_\_\_\_

OTHER \_\_\_\_\_

### deferred submittals - separate permit to be obtained by applicant:

- TO BE COMPLETED
- FIRE SPRINKLERS (WHEN REQUIRED)
- TRUSS CALCULATIONS (WHEN REQUIRED)
- PHOTOVOLTAIC SYSTEM - THE PV SYSTEM MUST BE INSTALLED, OPERATIONAL AND FINAL PRIOR TO FINAL BUILDING INSPECTION AND APPROVAL FOR THE SFD.  
\*IF THERE IS AN EXISTING PHOTOVOLTAIC SYSTEM OF SUFFICIENT SIZE ON THE MAIN HOUSE TO ACCOMMODATE THE NEW SFD THEN HOMEOWNER IS TO PROVIDE A REPORT STATING THE EXISTING SIZE OF THE PV PANEL (WHEN REQUIRED).

### roof framing:

- SELECTION
- ROOF FRAMING PER PLAN
- ROOF TRUSSES - IN LIEU OF ROOF DETAILS PROVIDED ON THESE PLANS, HOMEOWNER IS TO CONTRACT WITH AN INDEPENDENT TRUSS COMPANY AND SUBMIT TRUSS CALCULATIONS TO INYO COUNTY FOR APPROVAL. INDICATE ON DEFERRED SUBMITTAL CHECKLIST ABOVE IF TRUSS PACKAGE WILL BE PROVIDED AS A DEFERRED SUBMITTAL

### roof material:

- SELECTION
- REFER TO SPECIFICATIONS ON G0.3. IF APPLICANT DEVIATES FROM OSFM WUI PRODUCTS AND ASSEMBLIES ON G0.3, AN ALTERNATIVE WUI COMPLIANT OPTION IS TO BE PROVIDED AND APPROVED BY INYO COUNTY.
- WUI APPROVED CLASS A MATERIAL PER PLAN (SEE SHEET G0.3)
- ALTERNATE WUI APPROVED CLASS A MATERIAL (SPECIFICATION PROVIDED BY APPLICANT) ROOF SPECIFICATION: \_\_\_\_\_

### fire sprinkler information:

- SELECTION
- EXISTING RESIDENCE CURRENTLY HAS FIRE SPRINKLERS
- EXISTING RESIDENCE DOES NOT CURRENTLY HAVE FIRE SPRINKLERS
- PROPERTY IS LOCATED IN THE VERY HIGH FIRE HAZARD SEVERITY ZONE
- PROPERTY IS NOT LOCATED IN THE VERY HIGH FIRE HAZARD SEVERITY ZONE (VHFSZ)
- NEW SFD IS REQUIRED TO HAVE FIRE SPRINKLERS IF LOCATED IN VHFSZ. SEE NOTES ON A0.1 AND FIRE RATED DETAIL CHECKLIST ON THIS SHEET

### required w.u.i. details:

- REFER TO W.U.I. PER THE FOLLOWING:
- ROOF DETAILS: SHEET AS.2 & SPECIFICATIONS ON SHEET G0.3
  - VENTS: ROOF PLANS & SPECIFICATIONS ON SHEET G0.3
  - EXTERIOR WALL COVERING: EXTERIOR ELEVATIONS, SHEET AS.1 & SPECS ON SHEET G0.3
  - EXTERIOR WINDOWS: SHEET A0.1 WINDOW NOTES #11 & #13
  - EXTERIOR DOORS: SHEET A0.1 DOOR NOTES #9 & #10

### window and trim color:

- SELECTION
- WHITE
- TAN
- DARK BRONZE
- OTHER WINDOW COLOR \_\_\_\_\_

### sewer waste water information:

- SELECTION
- SFD TO HAVE NEW CONNECTION TO INYO COUNTY SEWER MAIN
- SEPTIC - REQUIRES HEALTH DEPARTMENT APPROVAL
- DISTANCE TO CONNECTION \_\_\_\_\_

### electrical service information:

- SELECTION
- UPGRADED SERVICE
- EXISTING SERVICE TO REMAIN
- NEW SERVICE
- SIZE OF EXISTING SERVICE \_\_\_\_\_ SIZE OF NEW SERVICE \_\_\_\_\_

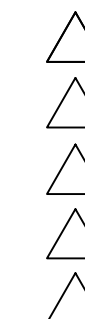
### propane service information:

- SELECTION
- UPGRADED SERVICE
- EXISTING SERVICE TO REMAIN
- NEW SERVICE
- SIZE OF EXISTING SERVICE \_\_\_\_\_ SIZE OF NEW SERVICE \_\_\_\_\_

project

County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions



description

Title Sheet  
3 Bedroom

date 2024

project no. INYO COUNTY ADU/SFDS

drawn by DESIGN PATH STUDIO

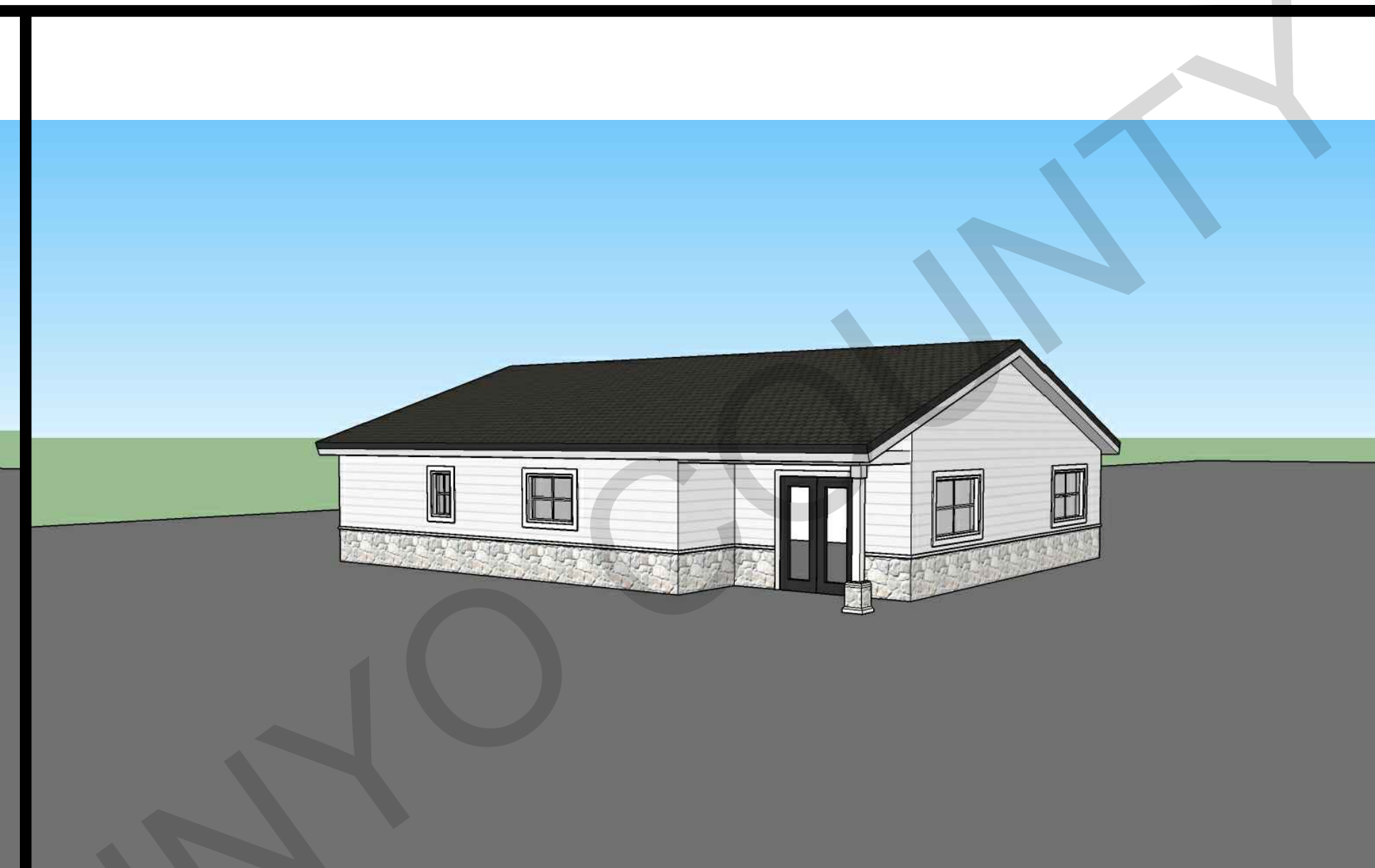
sheet no. **T1.1**



3 Bedroom - Ranch view #1



3 Bedroom - Spanish view #1



3 Bedroom - Traditional view #1



3 Bedroom - Ranch view #2



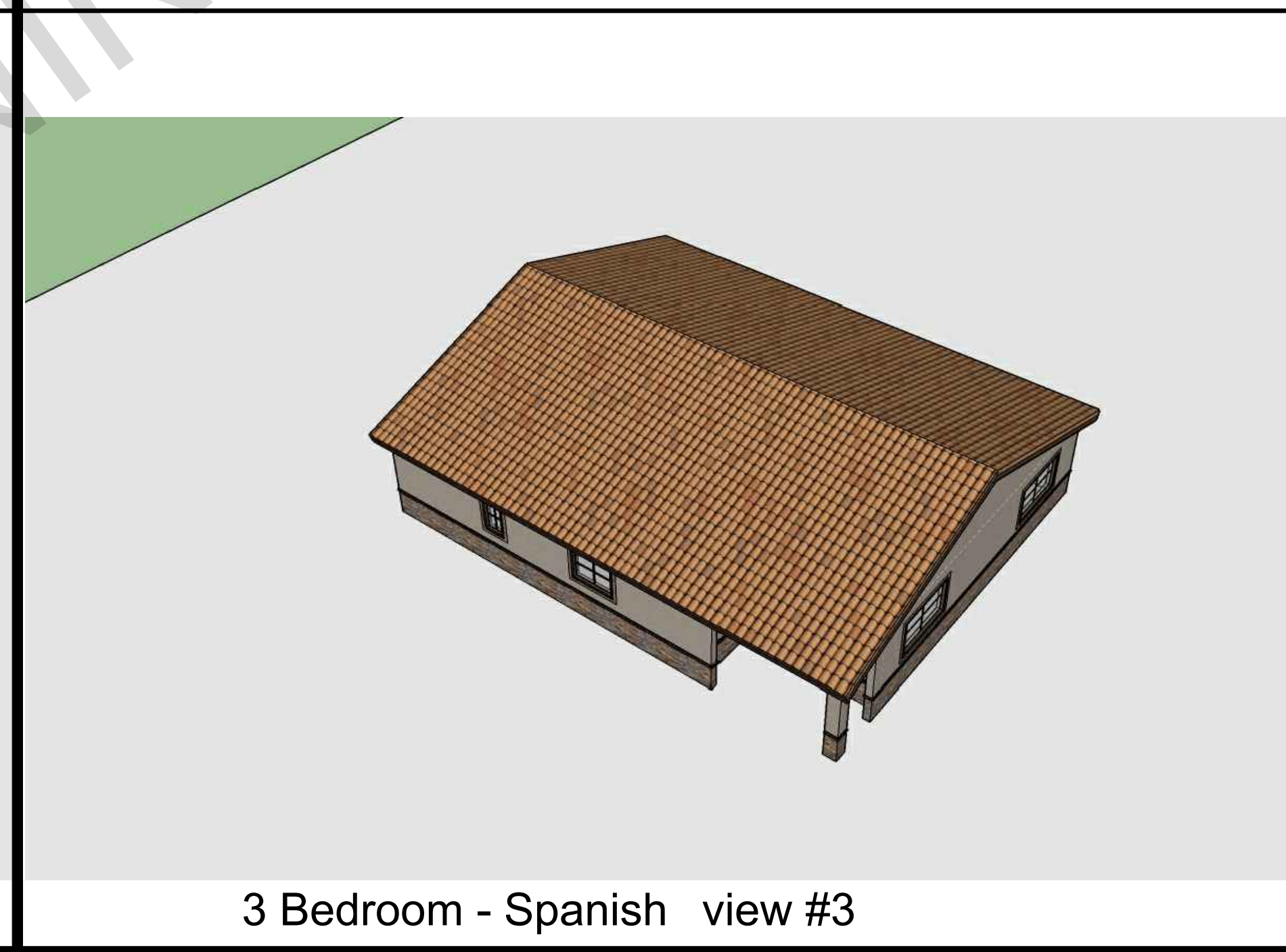
3 Bedroom - Spanish view #2



3 Bedroom - Traditional view #2



3 Bedroom - Ranch view #3



3 Bedroom - Spanish view #3



3 Bedroom - Traditional view #3

BY USING THESE PERMIT READY CONSTRUCTION DOCUMENTS, THE RECIPIENT ACKNOWLEDGES, ACCEPTS AND VOLUNTARILY AFFIRMS THE FOLLOWING CONDITIONS:  
 1. THE USE OF THIS INFORMATION IS RESTRICTED TO THE ORIGINAL PROJECT FOR WHICH IT WAS PREPARED FOR THE PERMIT READY ACCESSORY DWELLING UNIT (ADU) PROGRAM FOR THE COUNTY OF INYO ONLY. THIS IS A LIMITED SET OF STANDARDIZED ADU PLANS AND SPECIFICATIONS APPROVED BY THE COUNTY OF INYO BUILDING DEPARTMENT. BUILDING CODES DO CHANGE OVER TIME AND RECIPIENT SHALL ENSURE FULL COMPLIANCE UNDER ALL CODES THEN IN EFFECT AT THE TIME OF THE SUBJECT PERMIT. THIS DOES NOT ELIMINATE OR REDUCE THE RECIPIENT'S RESPONSIBILITY TO VERIFY ANY AND ALL INFORMATION RELEVANT TO THE RECIPIENT'S WORK AND RESPONSIBILITY ON THIS PROJECT. DESIGN PATH STUDIO SHALL NOT BE RESPONSIBLE FOR TRANSLATION ERRORS. DO NOT USE THESE CONSTRUCTION DOCUMENTS IF THE PERMIT HAS EXPIRED OR IS REVOKED AT ALL.  
 2. THE RECIPIENT RECOGNIZES AND ACKNOWLEDGES THAT THE USE OF THIS INFORMATION WILL BE AT THEIR SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL EXPOSURE TO DESIGN PATH STUDIO. NO WARRANTIES OF ANY NATURE, WHETHER EXPRESS OR IMPLIED, SHALL ATTACH TO THESE DOCUMENTS AND THE INFORMATION CONTAINED THEREON. ANY USE, REUSE, OR ALTERATION OF THESE DOCUMENTS BY THE RECIPIENT OR BY OTHERS WILL BE AT THE RECIPIENT'S RISK AND FULL LEGAL RESPONSIBILITY. FURTHERMORE, THE RECIPIENT WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, DEFEND, INDEMNIFY AND HOLD DESIGN PATH STUDIO AND ITS ARCHITECTS HARMLESS FROM ANY AND ALL CLAIMS, SUITS, LIABILITY, DEMANDS, JUDGMENTS, OR COSTS ARISING OUT OF OR RESULTING THERE FROM ANY USE OF THESE CONSTRUCTION DOCUMENTS FOR OR ON ACCOUNT OF ANY INJURY, DEATH, DAMAGE OR LOSS TO PERSONS OR PROPERTY, DIRECT OR CONSEQUENTIAL DAMAGES IN ANY AMOUNT. THIS INDEMNITY DOES NOT APPLY TO THE SOLE NEGLIGENCE OR WILLFUL MISCONDUCT OF DESIGN PATH STUDIO OR ITS ARCHITECTS.  
 3. THE DESIGNS REPRESENTED BY THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION.  
 4. IF THE RECIPIENT DOES NOT AGREE WITH THE ABOVE CONDITIONS, DO NOT PROCEED WITH CONSTRUCTION OF AN ADU OR OTHER IMPROVEMENT UNDER THESE PLANS AT ALL.

project  
 County of Inyo  
 Pre-Approved  
 ADU/SFD Program

- revisions
- △
  - △
  - △
  - △
  - △

description  
 Exterior  
 Style  
 Options

date 2024

project no. INYO COUNTY ADU/SFDS

drawn by DESIGN PATH STUDIO

sheet no. **T1.2**

## ENGINEERING NOTES

- RIGHT OF WAY NOTE
- OWNER IS TO OBTAIN AN ENCROACHMENT PERMIT FROM THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO WORKING IN THE PUBLIC RIGHT OF WAY. FAILURE TO DO SO WILL RESULT IN AN ISSUANCE OF A STOP WORK NOTICE AND DOUBLE PERMIT FEES. IT IS THE RESPONSIBILITY OF THE OWNER TO KNOW THE LOCATION OF THE PROPERTY LINES.
- UTILITY NOTE
- CONTACT THE LOCAL UTILITY COMPANIES AND/OR RIVERSIDE COUNTY ENVIRONMENTAL HEALTH (FOR SEPTIC SYSTEMS) REGARDING WATER SERVICE, GAS, AND ELECTRIC.
- DRAINAGE NOTE
- NO CONCENTRATED DRAINAGE FLOWS ARE PERMITTED OVER ADJACENT PROPERTY LINES. WATER IS TO DRAIN AWAY FROM STRUCTURES FOR A MINIMUM OF 5 FEET AT 2 PERCENT AND BE CONVEYED TO AN APPROVED DRAINAGE FACILITY.
- EARTHWORK NOTE
- A. AN EXCAVATION BELOW THE EXISTING FINISHED GRADE FOR RE-COMPACTION WITHIN THE BUILDING ZONE (WITHIN FIVE FEET OF FOOTINGS) OR FOR BASEMENTS AND FOOTINGS FOR A BUILDING, MOBILE HOME, RETAINING WALL, SEPTIC SYSTEM, WELL, OR STRUCTURE AUTHORIZED BY A BUILDING PERMIT. THIS SHALL NOT EXEMPT ANY FILL MADE WITH THE MATERIAL FROM SUCH EXCAVATION OR EXEMPT ANY EXCAVATION HAVING AN UNSUPPORTED HEIGHT GREATER THAN TWO FEET AFTER THE COMPLETION OF SUCH STRUCTURE. REGARDLESS OF EXEMPTION, THE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED OF ACTIVITY.
- H. AN EXCAVATION NOT INTENDED TO SUPPORT STRUCTURES OR MOBILE HOMES AND WHICH: (A) IS LESS THAN TWO FEET IN VERTICAL DEPTH OR (B) DOES NOT CREATE A CUT SLOPE GREATER THAN ONE FEET IN VERTICAL HEIGHT AND STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1). THIS EXEMPTION SHALL NOT APPLY WHEN FINISH GRADING IS PROPOSED, SUBSEQUENT TO A PERMIT AUTHORIZING ROUGH GRADING.
- I. A FILL LESS THAN ONE FOOT IN VERTICAL DEPTH, PLACED ON NATURAL TERRAIN WITH A SLOPE FLATTER THAN FIVE HORIZONTAL TO ONE VERTICAL (5:1), OR LESS THAN THREE FEET IN DEPTH, NOT INTENDED TO SUPPORT STRUCTURES OR MOBILE HOMES, WHICH DOES NOT EXCEED FIFTY CUBIC YARDS ON ANY SITE AND DOES NOT OBSTRUCT A DRAINAGE COURSE. THIS EXEMPTION SHALL NOT APPLY WHEN FINISH GRADING IS PROPOSED, SUBSEQUENT TO A PERMIT AUTHORIZING ROUGH GRADING.

### CONSTRUCTION BEST MANAGEMENT PRACTICES (BMP) NOTE

EROSION CONTROL MEASURES (E.G. BONDED FIBER MATRIX, VEGETATIVE COVER, JUTE MATTING) MUST BE IMPLEMENTED WHERE APPLICABLE TO PREVENT SOIL EROSION ON SITE. SEDIMENT CONTROL MEASURES (E.G. SILT FENCING, FIBER ROLLS, DETENTION BASINS) MUST BE IN PLACE TO PREVENT ERODED SOIL FROM LEAVING SITE.

MATERIALS MANAGEMENT BMP MUST ALSO BE FOLLOWED TO ENSURE NO CONTACT OF RAINWATER WITH MATERIALS THAT MAY CONTRIBUTE TO WATER QUALITY DEGRADATION DOWNSTREAM (E.G. CONCRETE OR STUCCO WASHOUT AREAS, COVERED STORAGE AREAS FOR HAZARDOUS MATERIALS, PLACEMENT OF PORTABLE TOILETS OVER A PERVIOUS SURFACE).

### POST-CONSTRUCTION BEST MANAGEMENT PRACTICES (BMP) NOTE

NO DIRECTLY CONNECTED IMPERVIOUS AREAS (DCIA) SHALL BE ALLOWED. DCIA MEANS STORM RUNOFF GENERATED AND CONVEYED VIA IMPERVIOUS AREAS, SUCH AS ROOF, ROOF DRAIN, DRIVEWAY, AND STREET. BMP MEASURES SHALL BE IDENTIFIED ON THE SITE PLAN. MOST COMMON MEASURES ARE DESIGNATED TURF AREAS, WHICH RECEIVE ROOF DRAINS AND RUNOFF FROM IMPERVIOUS AREAS. TURF AND LANDSCAPED AREAS THAT ARE DESIGNED FOR BMP'S SHALL BE DELINEATED ON PLANS AND A NOTE PLACED ON PLANS PROHIBITING MODIFICATION OR REMOVAL OF THE BMP LANDSCAPE AREAS WITHOUT A COUNTY PERMIT. RAIN GUTTERS FOR STORM WATER POLLUTION CONTROL PURPOSES. ALL RUNOFF FROM ALL ROOF DRAINS SHALL DISCHARGE ONTO GRASS AND LANDSCAPE AREAS PRIOR TO COLLECTION AND DISCHARGE ONTO THE STREET AND/OR INTO THE PUBLIC STORM DRAIN SYSTEM. GRASS AND LANDSCAPE AREAS DESIGNATED FOR STORM WATER POLLUTION CONTROL SHALL NOT BE MODIFIED WITHOUT A PERMIT FROM THE COUNTY.

## STORMWATER POLLUTION CONTROL BMP NOTES RELATIVE TO CONSTRUCTION ACTIVITIES

- CONCRETE WASHOUT**
- CONTRACTOR SHALL ESTABLISH AND USE AN ADEQUATELY SIZED CONCRETE WASHOUT AREA TO CONTAIN WASHOUT WASTES ON SITE. IT IS ILLEGAL TO WASH CONCRETE, SLURRY, MORTAR, STUCCO, PLASTER AND THE LIKE INTO THE STORMWATER CONVEYANCE SYSTEM OR ANY RECEIVING WATER.
  - CONTRACTOR SHALL POST A SIGN DESIGNATING THE WASHOUT LOCATION.
- CONSTRUCTION SITE ACCESS**
- A STABILIZED CONSTRUCTION SITE ACCESS SHALL BE PROVIDED FOR VEHICLES EGRESS AND INGRESS TO PREVENT TRACKING DIRT OFF SITE. THIS SHALL INCLUDE USING MATERIAL SUCH AS GRAVEL AND/OR CORRUGATED STEEL PANELS/PLATES.
- CONSTRUCTION VEHICLES**
- A SPECIFIC AREA AWAY FROM GUTTERS AND STORM DRAIN SHALL BE DESIGNATED FOR CONSTRUCTION VEHICLES PARKING, VEHICLE REFUELING, AND ROUTINE EQUIPMENT MAINTENANCE. ALL MAJOR REPAIRS SHALL BE MADE OFF-SITE.
- EROSION CONTROL**
- EROSION CONTROL MUST BE PROVIDED FOR ALL ERODIBLE SURFACES. SLOPED SURFACES ESPECIALLY SHALL BE PROTECTED AGAINST EROSION BY INSTALLING EROSION RESISTANT SURFACES SUCH AS EROSION CONTROL MATS, ADEQUATE GROUND COVER VEGETATION, AND BONDED FIBER MATRIX.
  - NO EXCAVATION AND GRADING ACTIVITIES ARE ALLOWED DURING WET WEATHER.
  - DIVERSION DIKES SHALL BE CONSTRUCTED TO CHANNEL RUNOFF AROUND THE CONSTRUCTION SITE. CONTRACTOR SHALL PROTECT CHANNELS AGAINST EROSION USING PERMANENT AND TEMPORARY EROSION CONTROL MEASURES.

## FIRE NOTES

- NEW AND EXISTING BUILDINGS SHALL HAVE APPROVED ADDRESS NUMBERS OR APPROVED BUILDING IDENTIFICATION PLACED IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. THESE NUMBERS SHALL BE A MINIMUM OF 4 INCHES HIGH WITH A MINIMUM STROKE OF .5 INCHES. WHERE ACCESS IS BY MEANS OF A PRIVATE ROAD AND THE BUILDING CANNOT BE VIEWED FROM THE PUBLIC WAY, A MONUMENT, POLE OR OTHER SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. CFC SECTION 505.1
- ALL FIRE APPARATUS ROADS ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED VERTICAL CLEARANCE OF NO LESS THAN 13 FEET 6 INCHES.

## GENERAL NOTES

- SEE BUILDING PLANS FOR ALL OTHER DIMENSIONS AND NOTES NOT SHOWN.
- SEE BUILDING PLANS AND SCHEDULES FOR ALL EXTERIOR DOOR AND WINDOW REFERENCES AND LOCATIONS.
- YARD SETBACKS ARE TO BE MEASURED FROM THE EXTERIOR WALL FINISH TO THE PROPERTY LINE AND NOT FROM THE OUTSIDE OF THE FOOTING OR FACE OF STUDS). THE PLANS MUST BE DESIGNED WITH THE WALL FINISH THICKNESS (I.E. 7/8" STUCCO, ETC.) ADDED TO THE PLAN FOR THE SETBACK MEASUREMENT. THE FIELD INSPECTOR WILL ADD THE PLANNED WALL FINISH THICKNESS TO THE FOUNDATION SETBACK.
- NEW ELECTRICAL SERVICE IS TO BE LOCATED - POOLS, SPAS, WALLS, FENCES, PATIO COVERS AND OTHER FREESTANDING STRUCTURES REQUIRE SEPARATE REVIEWS AND PERMITS
- LANDSCAPE AND IRRIGATION WATER USE SHALL HAVE WEATHER OR SOIL BASED CONTROLLERS
- ADU/SFD WILL BE CONNECTED TO THE PUBLIC SEWER SYSTEM OR WILL PROVIDE A COMPLYING SEPTIC SYSTEM.
- CAL-OSHA PERMIT IS REQUIRED FOR EXCAVATIONS DEEPER THAN 5' AND SHORING AND UNDERPINNING.
- A DIMENSIONED SITE PLAN DRAWN TO SCALE SHALL BE PROVIDED SHOWING THE FOLLOWING: NORTH ARROW, PROPERTY LINES, EASEMENTS, STREETS, EXISTING AND PROPOSED BUILDINGS, AND STRUCTURES; LOCATION OF YARDS USED FOR ALLOWABLE INCREASE OF BUILDING AREA; DIMENSIONED SETBACKS, MINIMUM SEPARATION FROM EXISTING STRUCTURES AND FUEL MODIFICATION ZONES
- IF A GRADING PLAN IS REQUIRED, INCORPORATE THE ENTIRE APPROVED GRADING PLAN/IMPROVEMENT PLAN (ALL SHEETS) WITH THE BUILDING PLANS.

## SITE NOTES

- THE APPLICANT SHALL PROVIDE A DIMENSIONED AND SCALED SITE PLAN SHOWING PROPERTY LINES, YARDS, DIMENSIONED SETBACKS, EASEMENTS, UTILITIES, STREETS, EXISTING AND PROPOSED BUILDINGS, MINIMUM SEPARATION FROM EXISTING STRUCTURES, AND FUEL MODIFICATION ZONES IF APPLICABLE
- WHEN REQUIRED, THE APPLICANT SHALL IMPLEMENT SITE DESIGN STORMWATER BEST MANAGEMENT PRACTICES (BMP) AND LOW IMPACT DEVELOPMENT (LID) CONCEPTS SUCH AS IMPERVIOUS AREA DISPERSION, DRAINAGE TO NATURAL VEGETATION, REDUCTION IN IMPERVIOUS SURFACES, BREAKING UP HARDSCAPE AREA, ETC.
- THE SUBMISSION OF ANY BUILDING, GRADING AND/OR DEVELOPMENT APPLICATIONS/PLANS SHALL INCLUDE ADEQUATE PROVISIONS TO PREVENT THE DISCHARGE OF POLLUTANTS BOTH ON AND OFF A CONSTRUCTION SITE. AT A MINIMUM THESE PROVISIONS SHALL INCLUDE: (1) FOR SITES THAT INCLUDE GROUND DISTURBING ACTIVITIES APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES; AND (2) SOIL STABILIZATION MEASURES; (3) WHERE PUMPING OF GROUND WATER MAY BE NECESSARY THE INCLUSION OF APPROPRIATE DEWATERING CONTROL MEASURES; (4) SITE-SPECIFIC SOURCE CONTROLS TO PREVENT THE RELEASE AND DISCHARGE OF ANY POLLUTANTS; AND (5) APPROPRIATE POLLUTION PREVENTION CONTROL MEASURES TO PREVENT THE RELEASE AND DISCHARGE OF ANY POLLUTANTS PER INDUSTRY ACCEPTABLE STANDARDS AS DEEMED APPROPRIATE BY THE COUNTY.
- ALL SITE STANDARDS ARE BASED ON LAHONTAN REGIONAL WATER CONTROL BOARD AND THE GREAT BASIN AIR POLLUTION CONTROL DISTRICT. APPLICANT IS TO REFER TO PROVIDED WEBSITES AND COORDINATE WITH COUNTY OF INYO:
  - <https://www.waterboards.ca.gov/lahontan/>
  - <https://www.gbuapcd.org/>



## TRAINING

- CONTRACTORS' EMPLOYEES WHO PERFORM CONSTRUCTION IN THE COUNTY OF INYO SHALL BE TRAINED TO BE FAMILIAR WITH THE COUNTY OF INYO STORMWATER POLLUTION CONTROL REQUIREMENTS. THESE BMP NOTES SHALL BE AVAILABLE TO EVERYONE WORKING ON SITE. THE PROPERTY OWNER(S) AND THE PRIME CONTRACTOR MUST INFORM SUBCONTRACTORS ABOUT STORMWATER REQUIREMENTS AND THEIR OWN RESPONSIBILITIES.

## GREEN BUILDING CODE NOTES

- SITE SHALL BE PLANNED AND DEVELOPED TO KEEP SURFACE WATER AWAY FROM BUILDINGS. PLANS SHALL BE PROVIDED AND APPROVED BY THE COUNTY ENGINEER THAT SHOW SITE GRADING AND PROVIDE FOR STORM WATER RETENTION AND DRAINAGE DURING CONSTRUCTION. BMP'S THAT ARE CURRENTLY ENFORCED BY THE COUNTY ENGINEER MUST BE IMPLEMENTED PRIOR TO INITIAL INSPECTION BY THE BUILDING DEPT.
- 65% OF CONSTRUCTION WASTE IS TO BE RECYCLED.
- VOC'S MUST COMPLY WITH THE LIMITATION LISTED IN SECTION 4.504.3 AND TABLES 4.504.1, 4.504.2, 4.504.3, AND 4.504.4 FOR: ADHESIVES, PAINTS AND COATINGS, CARPET AND COMPOSITION WOOD PRODUCTS.
- INTERIOR MOISTURE CONTROL AT SLAB ON GRADE FLOORS SHALL BE PROVIDED BY THE SOIL ENGINEER. IF A SOIL ENGINEER HAS NOT PREPARED A SOIL REPORT FOR THIS PROJECT, THE FOLLOWING IS REQUIRED: A 4" THICK BASE OF 1/2" OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED WITH A VAPOR BARRIER IN DIRECT CONTACT WITH CONCRETE. WITH A CONCRETE MIX DESIGN WHICH WILL ADDRESS BLEEDING, SHRINKAGE AND CURLING SHALL BE USED.
- MOISTURE CONTENT OF WOOD SHALL NOT EXCEED 19% BEFORE IT IS ENCLOSED IN CONSTRUCTION. THE MOISTURE CONTENT NEEDS TO BE CERTIFIED BY ONE OF 3 METHODS SPECIFIED. BUILDING MATERIAL WITH VISIBLE SIGNS OF WATER DAMAGE SHOULD NOT BE USED IN CONSTRUCTION.
- PRIOR TO FINAL APPROVAL OF THE BUILDING THE LICENSED CONTRACTOR, ARCHITECT OR ENGINEER IN RESPONSIBLE CHARGE OF THE OVERALL CONSTRUCTION MUST COMPLETE 11. AND SIGN THE GREEN BUILDING STANDARDS CERTIFICATION FORM AND GIVEN TO THE BUILDING DEPT OFFICIAL TO BE FILED WITH THE APPROVED PLANS
- LANDSCAPE IRRIGATION WATER USE SHALL HAVE WEATHER BASED CONTROLLERS.
- PROJECTS WHICH DISTURB LESS THAN ONE ACRE OF SOIL SHALL MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION BY ONE OF THE FOLLOWING: A. RETENTION BASIN. B. WHERE STORM WATER IS CONVEYED TO A PUBLIC DRAINAGE SYSTEM, WATER SHALL BE FILTERED BY USE OF A BARRIER SYSTEM, WATTLE OR OTHER APPROVED METHOD. CGC 4.106.2.
- THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION WASTE MANAGEMENT PLAN TO THE JURISDICTION AGENCY THAT REGULATES WASTE MANAGEMENT, PER CGC 4.108.2.
- THE BUILDER IS TO PROVIDE AN OPERATION MANUAL (CONTAINING INFORMATION FORM MAINTAINING APPLIANCES, ETC.) FOR THE OWNER AT THE TIME OF FINAL INSPECTION. CGC 4.410
- DURING CONSTRUCTION, ENDS OF DUCT OPENINGS ARE TO BE SEALED, AND MECHANICAL EQUIPMENT IS TO BE COVERED. CGC 4.504.1
- BATHROOM FANS SHALL BE ENERGY STAR RATED, VENTED DIRECTLY TO THE OUTSIDE AND CONTROLLED BY A HUMIDISTAT.

**WILDFIRE IS COMING. ARE YOU READY?**

**Defensible Space is your property's front line defense against wildfire. Creating and maintaining defensible space around your home can dramatically increase your home's chance of surviving a wildfire and improve the safety of firefighters defending your property. 100 feet of defensible space is required by law.\***

**TWO ZONES MAKE UP THE REQUIRED 100 FEET OF DEFENSIBLE SPACE:**

**ZONE 1: 30 feet of Lean, Clean & Green**

- Remove all dead plants, grass and weeds.
- Remove dead or dry leaves and pine needles from your yard, roof and rain gutters.
- Keep tree branches 10 feet away from your chimney and other trees.

**ZONE 2: 30-100 feet of Reduced Fuel**

- Cut or mow annual grass down to a maximum height of 4 inches.
- Create horizontal spacing between shrubs and trees.
- Create vertical spacing between grass, shrubs and trees.
- Mow before 10 a.m., and never on a hot or windy day. String trimmers are a safer option (vs. lawnmowers) for clearing vegetation.

**VERTICAL SPACING**

Large trees do not have to be cut and removed as long as all of the plants beneath them are removed. This eliminates a vertical "fire ladder."

**HORIZONTAL SPACING**

Create horizontal and vertical spacing between plants, the amount of spacing will depend on how steep the slope is and the size of the plants.

**ONE LESS SPARK ONE LESS WILDFIRE**

**READYFORWILDFIRE.ORG**

\*For more information on creating defensible space and legal requirements visit

## EXISTING SWIMMING POOL REQUIREMENTS

- THE FOLLOWING DISCHARGES INTO THE STORM DRAIN SYSTEM ARE PROHIBITED:
- DISCHARGES THAT COULD HAVE AN IMPACT ON HUMAN HEALTH OR THE ENVIRONMENT, CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE;
  - DISCHARGES THAT EXCEED ANY APPLICABLE WATER QUALITY STANDARD CONTAINED IN THE BASIN PLAN; AND DISCHARGES CONTAINING A HAZARDOUS SUBSTANCE EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY LISTED IN 40 CFR PARTS 117 AND 302; AND
  - MATERIALS THAT CAN CAUSE OR CONTRIBUTE TO POLLUTION OR A VIOLATION OF ANY APPLICABLE WATER QUALITY STANDARD INCLUDE, BUT ARE NOT LIMITED TO, SEDIMENTS, SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIMES, PESTICIDES OR HERBICIDES, WOOD PRESERVATIVES OR SOLVENTS; ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, OR HYDRAULIC, RADIATOR AND BATTERY FLUIDS; FERTILIZERS; VEHICLE/EQUIPMENT WASH WATER OR CONCRETE WASH WATER, CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; AND CHLORINATED POTABLE WATER LINE FLUSHING.
  - UNLESS SPECIFICALLY EXEMPTED OR AUTHORIZED BY A STORMWATER PERMIT, ALL NONSTORMWATER DISCHARGES REQUIRE PRIOR APPROVAL BY THE LOCAL STORMWATER AGENCY OR THE STATE BOARD.
  - DURING CONSTRUCTION, TEMPORARY STORAGE OF SUCH MATERIALS, IDENTIFIED ABOVE, MUST OCCUR IN A DESIGNATED AREA, PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUN OFF, WITH ULTIMATE DISPOSAL. IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
  - UNLESS SPECIFICALLY EXEMPTED OR AUTHORIZED BY A SEPARATE NPDES PERMIT, DEWATERING OF CONTAMINATED GROUNDWATER, OR DISCHARGING CONTAMINATED SOLIDS VIA SURFACE EROSION IS PROHIBITED.
- WHEN A BUILDING PERMIT IS ISSUED FOR THE CONSTRUCTION OF A NEW SWIMMING POOL OR SPA OR THE REMODELING OF AN EXISTING SWIMMING POOL OR SPA AT A PRIVATE SINGLE-FAMILY HOME, THE RESPECTIVE SWIMMING POOL OR SPA SHALL BE EQUIPPED WITH AT LEAST TWO OF THE FOLLOWING SEVEN DROWNING PREVENTION SAFETY FEATURES:
- AN ENCLOSURE THAT MEETS THE REQUIREMENTS OF SECTION 115923 AND ISOLATES THE SWIMMING POOL OR SPA FROM THE PRIVATE SINGLE-FAMILY HOME.
  - REMOVABLE MESH FENCING THAT MEETS AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) SPECIFICATIONS F2286 STANDARDS IN CONJUNCTION WITH A GATE THAT IS SELF-CLOSING AND SELF-LATCHING AND CAN ACCOMMODATE A KEY LOCKABLE DEVICE.
  - AN APPROVED SAFETY POOL COVER, AS DEFINED IN SUBDIVISION (D) OF SECTION 115921.
  - EXIT ALARMS ON THE PRIVATE SINGLE-FAMILY HOME'S DOORS THAT PROVIDE DIRECT ACCESS TO THE SWIMMING POOL OR SPA. THE EXIT ALARM MAY CAUSE EITHER AN ALARM NOISE OR A VERBAL WARNING, SUCH AS A REPEATING NOTIFICATION THAT "THE DOOR TO THE POOL IS OPEN."
  - A SELF-CLOSING, SELF-LATCHING DEVICE WITH A RELEASE MECHANISM PLACED NO LOWER THAN 54 INCHES ABOVE THE FLOOR ON THE PRIVATE SINGLE-FAMILY HOME'S DOORS PROVIDING DIRECT ACCESS TO THE SWIMMING POOL OR SPA.
  - AN ALARM THAT, WHEN PLACED IN A SWIMMING POOL OR SPA, WILL SOUND UPON DETECTION OF ACCIDENTAL OR UNAUTHORIZED ENTRANCE INTO THE WATER. THE ALARM SHALL MEET AND BE INDEPENDENTLY CERTIFIED TO THE ASTM STANDARD F2208 "STANDARD SAFETY SPECIFICATION FOR RESIDENTIAL POOL ALARMS" WHICH INCLUDES SURFACE MOTION, PRESSURE, SONAR, LASER, AND INFRARED TYPE ALARMS. A SWIMMING PROTECTION ALARM FEATURE DESIGNED FOR INDIVIDUAL USE, INCLUDING AN ALARM ATTACHED TO A CHILD THAT SOUNDS WHEN THE CHILD EXCEEDS A CERTAIN DISTANCE OR BECOMES SUBMERGED IN WATER, IS NOT A QUALIFYING DROWNING PREVENTION SAFETY FEATURE.
  - OTHER MEANS OF PROTECTION, IF THE DEGREE OF PROTECTION AFFORDED IS EQUAL TO OR GREATER THAN THAT AFFORDED BY ANY OF THE FEATURES SET FORTH ABOVE AND HAS BEEN INDEPENDENTLY VERIFIED BY AN APPROVED TESTING LABORATORY AS MEETING STANDARDS FOR THOSE FEATURES ESTABLISHED BY THE ASTM OR THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME).
- (B) BEFORE THE ISSUANCE OF A FINAL APPROVAL FOR THE COMPLETION OF PERMITTED CONSTRUCTION OR REMODELING WORK, THE LOCAL BUILDING CODE OFFICIAL SHALL INSPECT THE DROWNING SAFETY PREVENTION FEATURES REQUIRED BY THIS SECTION AND, IF NO VIOLATIONS ARE FOUND, SHALL GIVE FINAL APPROVAL.

BY USING THESE PERMIT READY CONSTRUCTION DOCUMENTS, THE RECIPIENT ACKNOWLEDGES, ACCEPTS AND VOLUNTARILY AFFIRMS THE FOLLOWING CONDITIONS:

- THE USE OF THIS INFORMATION IS RESTRICTED TO THE ORIGINAL PROJECT FOR WHICH IT WAS PREPARED FOR THE PERMIT READY ACCESSORY DWELLING UNIT (ADU) PROGRAM FOR THE COUNTY OF INYO ONLY. THIS IS A LIMITED SET OF STANDARDIZED ADU PLANS AND SPECIFICATIONS APPROVED BY THE COUNTY OF INYO BUILDING DEPARTMENT. BUILDING CODES DO CHANGE OVER TIME AND RECIPIENT SHALL ENSURE FULL COMPLIANCE UNDER ALL CODES THEN IN EFFECT AT THE TIME OF THE SUBJECT PERMIT. THIS DOES NOT ELIMINATE OR REDUCE THE RECIPIENT'S RESPONSIBILITY TO VERIFY ANY AND ALL INFORMATION RELEVANT TO THE RECIPIENT'S WORK AND RESPONSIBILITY ON THIS PROJECT. DESIGN PATH STUDIO SHALL NOT BE RESPONSIBLE FOR TRANSLATION ERRORS. DO NOT USE THESE CONSTRUCTION DOCUMENTS IF THE PERMIT HAS EXPIRED OR IS REVOKED AT ALL.
- THE RECIPIENT RECOGNIZES AND ACKNOWLEDGES THAT THE USE OF THIS INFORMATION WILL BE AT THEIR SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL EXPOSURE TO DESIGN PATH STUDIO. NO WARRANTIES OF ANY NATURE, WHETHER EXPRESS OR IMPLIED, SHALL ATTACH TO THESE DOCUMENTS AND THE INFORMATION CONTAINED THEREON. ANY USE, REUSE, OR ALTERATION OF THESE DOCUMENTS BY THE RECIPIENT OR BY OTHERS WILL BE AT THE RECIPIENT'S RISK AND FULL LEGAL RESPONSIBILITY. FURTHERMORE, THE RECIPIENT WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, DEFEND, INDEMNIFY AND HOLD DESIGN PATH STUDIO AND ITS ARCHITECTS HARMLESS FROM ANY AND ALL CLAIMS, SUITS, LIABILITY, DEMANDS, JUDGMENTS, OR COSTS ARISING OUT OF OR RESULTING THERE FROM ANY USE OF THESE CONSTRUCTION DOCUMENTS FOR OR ON ACCOUNT OF ANY INJURY, DEATH, DAMAGE OR LOSS TO PERSONS OR PROPERTY, DIRECT OR CONSEQUENTIAL DAMAGES IN ANY AMOUNT. THIS INDEMNITY DOES NOT APPLY TO THE SOLE NEGLIGENCE OR WILLFUL MISCONDUCT OF DESIGN PATH STUDIO OR ITS ARCHITECTS.
- THE DESIGNS REPRESENTED BY THESE PLANS ARE THE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION.
- IF THE RECIPIENT DOES NOT AGREE WITH THE ABOVE CONDITIONS, DO NOT PROCEED WITH CONSTRUCTION OF AN ADU OR OTHER IMPROVEMENT UNDER THESE PLANS AT ALL.

project

County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions

description

date

project no.

drawn by

sheet no.

**DIVISION 2 - SITEWORK**

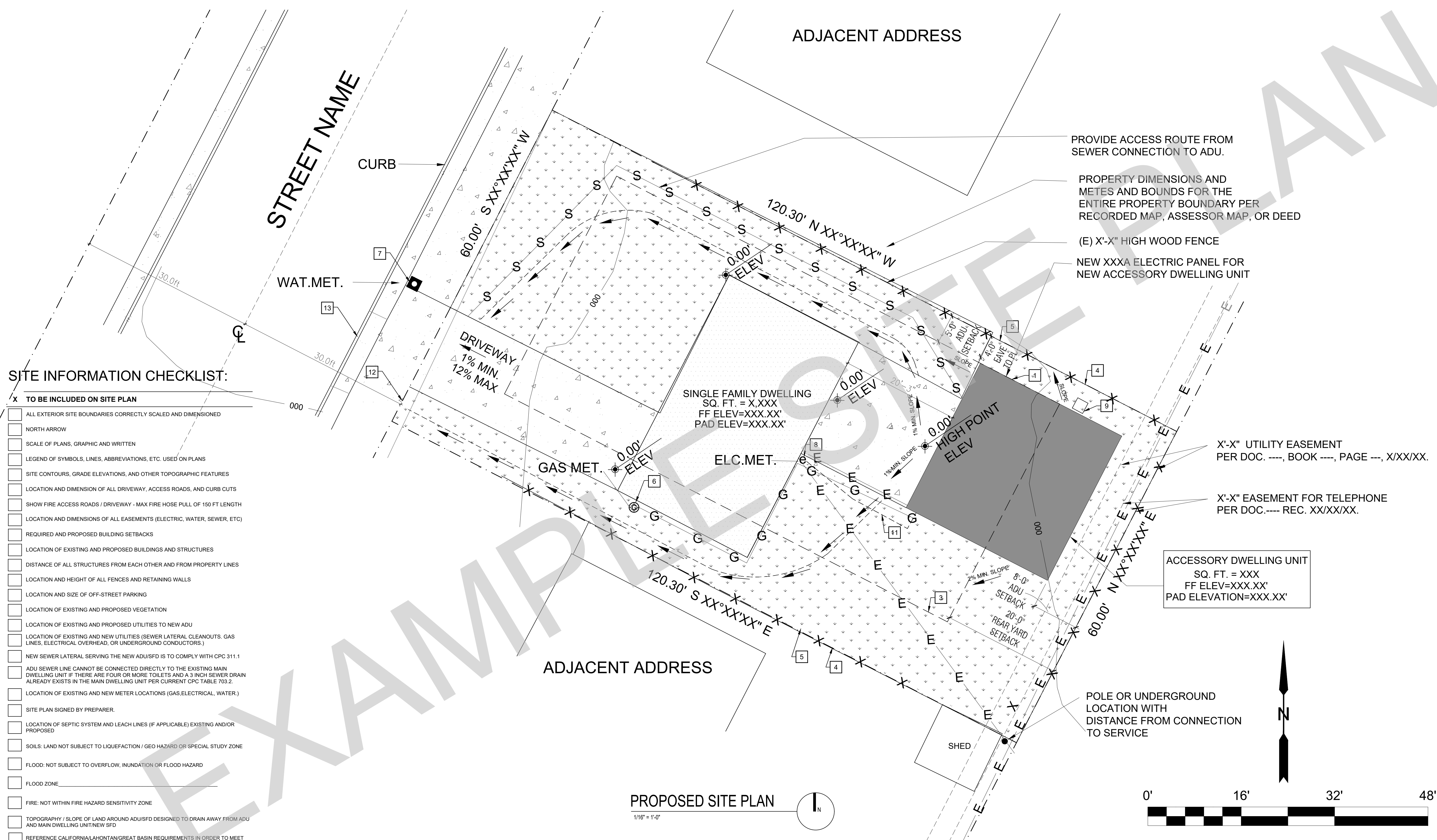
- SITE PREPARATION PROJECT IS TO BE STAKED OUT FOR OWNER APPROVAL BEFORE FOR EARTHWORKS TO BEGIN.
- SITE CLEARING CONTRACTOR WILL VERIFY WITH OWNER ALL PLANTING TO BE REMOVED PRIOR TO STARTING WORK.
- LINES AND LEVELS THE CONTRACTOR WILL VISIT THE SITE AND EVALUATE GRADE CONDITION. FOR BIDDING PURPOSES, THE CONTRACTOR WILL CALCULATE HIS OWN CUT AND FILL QUANTITIES BASED ON THE SITE PLAN.
- SHORING IS TO BE PROVIDE AS REQUIRED
- EARTH WORK
  - REMOVE AND RECOMPACT LOOSE TOPSOIL AND SLIGHTLY ALTER THE EXISTING TOPOGRAPHY. ALL GRADING SHOULD BE PERFORMED IN ACCORDANCE WITH INYO COUNTY GRADING ORDINANCE.
  - THE CONTRACTOR IS TO VERIFY THE LOCATION OF UTILITY SERVICE IN THE AREA PRIOR TO EXCAVATION.
  - UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ALL FINISH GRADES ARE TO SLOPE AWAY FROM THE BUILDING AND EXTERIOR PAVING 1/4" PER FOOT MINIMUM FOR A MINIMUM DISTANCE OF 5'-0". LOT DRAINAGE TO AVOID POOLING AT BUILDING.

INYO COUNTY ADU/SFDS

DESIGN PATH STUDIO

**AS.1**

BY USING THESE PERMIT READY CONSTRUCTION DOCUMENTS, THE RECIPIENT ACKNOWLEDGES, ACCEPTS AND VOLUNTARILY AFFIRMS THE FOLLOWING CONDITIONS:  
1. THE USE OF THIS INFORMATION IS RESTRICTED TO THE ORIGINAL PROJECT FOR WHICH IT WAS PREPARED FOR THE PERMIT READY ACCESSORY DWELLING UNIT (ADU) PROGRAM FOR THE COUNTY OF INYO ONLY. THIS IS A LIMITED SET OF STANDARDIZED ADU PLANS AND SPECIFICATIONS APPROVED BY THE COUNTY OF INYO BUILDING DEPARTMENT. BUILDING CODES DO CHANGE OVER TIME AND RECIPIENT SHALL ENSURE FULL COMPLIANCE UNDER ALL CODES THEN IN EFFECT AT THE TIME OF THE SUBJECT PERMIT. DESIGN PATH STUDIO SHALL NOT BE RESPONSIBLE FOR TRANSLATION ERRORS. DO NOT USE THESE CONSTRUCTION DOCUMENTS IF THE PERMIT HAS EXPIRED OR IS REVOKED AT ALL.  
2. THE RECIPIENT RECOGNIZES AND ACKNOWLEDGES THAT THE USE OF THIS INFORMATION WILL BE AT THEIR SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL OBLIGATION TO DESIGN PATH STUDIO. NO WARRANTIES OF ANY NATURE, WHETHER EXPRESS OR IMPLIED, SHALL ATTACH TO THESE DOCUMENTS AND THE INFORMATION CONTAINED THEREON. ANY USE, REUSE, OR ALTERATION OF THESE DOCUMENTS BY THE RECIPIENT OR BY OTHERS WILL BE AT THE RECIPIENT'S RISK AND FULL LEGAL RESPONSIBILITY. FURTHERMORE, THE RECIPIENT WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, DEFEND, INDEMNIFY AND HOLD DESIGN PATH STUDIO AND ITS ARCHITECTS HARMLESS FROM ANY AND ALL CLAIMS, SUITS, LIABILITY, DEMANDS, JUDGMENTS, OR COSTS ARISING OUT OF OR RESULTING THEREFROM ANY USE OF THESE CONSTRUCTION DOCUMENTS FOR OR ON ACCOUNT OF ANY INJURY, DEATH, DAMAGE OR LOSS TO PERSONS OR PROPERTY, DIRECT OR CONSEQUENTIAL DAMAGES IN ANY AMOUNT. THIS INDEMNITY DOES NOT APPLY TO THE SOLE NEGLIGENCE OR WILLFUL MISCONDUCT OF DESIGN PATH STUDIO OR ITS ARCHITECTS.  
3. THE DESIGNS REPRESENTED BY THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION.  
4. IF THE RECIPIENT DOES NOT AGREE WITH THE ABOVE CONDITIONS, DO NOT PROCEED WITH CONSTRUCTION OF AN ADU OR OTHER IMPROVEMENT UNDER THESE PLANS AT ALL.



**SITE INFORMATION CHECKLIST:**

- TO BE INCLUDED ON SITE PLAN
- ALL EXTERIOR SITE BOUNDARIES CORRECTLY SCALED AND DIMENSIONED
  - NORTH ARROW
  - SCALE OF PLANS, GRAPHIC AND WRITTEN
  - LEGEND OF SYMBOLS, LINES, ABBREVIATIONS, ETC. USED ON PLANS
  - SITE CONTOURS, GRADE ELEVATIONS, AND OTHER TOPOGRAPHIC FEATURES
  - LOCATION AND DIMENSION OF ALL DRIVEWAY, ACCESS ROADS, AND CURB CUTS
  - SHOW FIRE ACCESS ROADS / DRIVEWAY - MAX FIRE HOSE PULL OF 150 FT LENGTH
  - LOCATION AND DIMENSIONS OF ALL EASEMENTS (ELECTRIC, WATER, SEWER, ETC)
  - REQUIRED AND PROPOSED BUILDING SETBACKS
  - LOCATION OF EXISTING AND PROPOSED BUILDINGS AND STRUCTURES
  - DISTANCE OF ALL STRUCTURES FROM EACH OTHER AND FROM PROPERTY LINES
  - LOCATION AND HEIGHT OF ALL FENCES AND RETAINING WALLS
  - LOCATION AND SIZE OF OFF-STREET PARKING
  - LOCATION OF EXISTING AND PROPOSED VEGETATION
  - LOCATION OF EXISTING AND PROPOSED UTILITIES TO NEW ADU
  - LOCATION OF EXISTING AND NEW UTILITIES (SEWER LATERAL, CLEANOUTS, GAS LINES, ELECTRICAL OVERHEAD, OR UNDERGROUND CONDUCTORS)
  - NEW SEWER LATERAL SERVING THE NEW ADU/SFD IS TO COMPLY WITH CPC 311.1
  - ADU SEWER LINE CANNOT BE CONNECTED DIRECTLY TO THE EXISTING MAIN DWELLING UNIT IF THERE ARE FOUR OR MORE TOILETS AND A 3 INCH SEWER DRAIN ALREADY EXISTS IN THE MAIN DWELLING UNIT PER CURRENT CPC TABLE 703.2
  - LOCATION OF EXISTING AND NEW METER LOCATIONS (GAS, ELECTRICAL, WATER)
  - SITE PLAN SIGNED BY PREPARER
  - LOCATION OF SEPTIC SYSTEM AND LEACH LINES (IF APPLICABLE) EXISTING AND/OR PROPOSED
  - SOILS: LAND NOT SUBJECT TO LIQUEFACTION / GEO HAZARD OR SPECIAL STUDY ZONE
  - FLOOD: NOT SUBJECT TO OVERFLOW, INUNDATION OR FLOOD HAZARD
  - FLOOD ZONE
  - FIRE: NOT WITHIN FIRE HAZARD SENSITIVITY ZONE
  - TOPOGRAPHY / SLOPE OF LAND AROUND ADU/SFD DESIGNED TO DRAIN AWAY FROM ADU AND MAIN DWELLING UNIT/NEW SFD
  - REFERENCE CALIFORNIA/LAHONTAN/GREAT BASIN REQUIREMENTS IN ORDER TO MEET INYO COUNTY STANDARDS

KEYNOTES
1 LINE OF EXTERIOR WALL, TYP.
2 LINE OF ROOF OVERHANG / DECK / AWNING / STRUCTURE ABOVE
3 REQUIRED SETBACKS
4 PROPERTY LINE, TYP.
5 FENCE- HEIGHT PER PLAN
6 EXISTING GAS METER
7 EXISTING WATER METER
8 EXISTING ELECTRIC METER
9 CONDENSING UNIT
10 SURFACE WATER IS TO DRAIN AWAY FROM BUILDING. GRADE SHALL FALL A MIN. OF 6" WITHIN THE FIRST 10 FEET
11 FEEDER TO EXTEND TO EXISTING PANEL
12 NEW ADU/SFD SUB PANEL / DISCONNECT / JUNCTION BOX AND GROUNDING ELECTRODE SYSTEM PER NEC ARTICLE 250.32

**GENERAL NOTES**

- SPOT DIMENSIONS INDICATE ESTIMATED GRADE HEIGHTS. VERIFY IN FIELD PRIOR TO CONSTRUCTION.
- SEE BUILDING PLANS FOR ALL OTHER DIMENSIONS AND NOTES NOT SHOWN.
- SEE BUILDING PLANS AND SCHEDULES FOR ALL EXTERIOR DOOR AND WINDOW REFERENCES AND LOCATIONS.
- YARD SETBACKS ARE TO BE MEASURED FROM THE EXTERIOR WALL FINISH TO THE PROPERTY LINE AND NOT FROM THE OUTSIDE OF THE FOOTING (OR FACE OF STUDS).
- SEWER DRAIN CLEANOUTS REQUIRED AT 100 FOOT INTERVALS AND CHANGES IN DIRECTION OF 135 DEGREES OR MORE.

LEGEND	
SPOT GRADE ELEVATION	KEYNOTE
AREA OF NEW BUILDING FOOTPRINT	PROPERTY LINE
AREA OF EXISTING BUILDING FOOTPRINT	REQUIRED SETBACKS
CONCRETE PAVING	DRAINAGE PATTERN
LANDSCAPE	SITE CONTOURS
	NEW SEWER LINE
	NEW DOMESTIC WATER LINE
	NEW ELECTRICAL & TEL DATA LINE
	NEW GAS LINE
	NEW OR EXISTING FENCE TO COMPLY WITH ZONING CODE SECTION 37-50.090

**CERTIFICATE OF ACCURACY**

I CERTIFY ALL DOCUMENTS AND PLANS CLEARLY AND ACCURATELY SHOW ALL EXISTING AND ALL PROPOSED BUILDINGS, STRUCTURES, ACCESS ROADS, AND UTILITIES/UTILITY EASEMENTS. ALL PROPOSED LAND USE ACTIVITIES, IMPROVEMENTS TO LAND, AND/OR BUILDING MODIFICATIONS OR ADDITIONS ARE CLEARLY LABELED ON THE SITE PLAN OF THE APPROVED PLAN SET. I UNDERSTAND THAT ANY POTENTIALLY EXISTING DETAIL WITHIN THESE PLANS INCONSISTENT WITH THE SITE PLAN ARE NOT APPROVED AND MAY BE REQUIRED TO BE ALTERED OR REMOVED. THE SUBMITTED DOCUMENTS AND PLANS SHOW THE CORRECT DIMENSIONS OF THE PROPERTY, THE BUILDINGS, AND STRUCTURES AND THEIR SETBACKS FROM PROPERTY LINES AND FROM ONE ANOTHER, ACCESS ROADS/EASEMENTS, AND UTILITIES. THE EXISTING AND PROPOSED USE OF LAND AND OF EACH BUILDING AS STATED IS TRUE AND CORRECT. FURTHER, ALL IMPROVEMENTS EXISTING ON THE PROPERTY WERE COMPLETED IN ACCORDANCE WITH ALL REGULATIONS IN EXISTENCE AT THE TIME OF THEIR CONSTRUCTION, UNLESS OTHERWISE NOTED. ALL EASEMENTS AND OTHER ENCUMBRANCES TO DEVELOPMENT HAVE BEEN ACCURATELY SHOWN AND LABELED AS WELL AS ALL ON-SITE GRADING/SITE PREPARATION.

APPLICANT (SIGNATURE): \_\_\_\_\_ DATE: \_\_\_\_\_

SITE PLAN PREPARED BY (SIGNATURE) \_\_\_\_\_ DATE: \_\_\_\_\_

**UTILITIES PROVIDERS:**

- GAS: \_\_\_\_\_

- ELECTRIC: \_\_\_\_\_

- WATER: \_\_\_\_\_

**SCHOOL DISTRICTS:**

HIGH SCHOOL - \_\_\_\_\_

ELEMENTARY SCHOOL - \_\_\_\_\_

**GRADING INFORMATION:**

TOTAL CUBIC YARD OF EARTHWORK = \_\_\_\_\_

TOTAL FILL MATERIAL PLACED ON AN EXISTING SLOPE STEEPER THAN FIVE UNITS HORIZONTAL TO ONE VERTICAL = \_\_\_\_\_

TOTAL CUT OR FILL MATERIAL EXCEEDING FOUR FEET IN VERTICAL DEPTH, MEASURED FROM THE EXISTING GROUND SURFACE = \_\_\_\_\_

project  
County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions

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description  
**Example Site Plan**

date 2024

project no. INYO COUNTY ADU/SFDs

drawn by DESIGN PATH STUDIO

sheet no. **AS.2**



ARCHITECTUAL GENERAL NOTES	ROOF NOTES (CONT'D)	FLOOR PLAN NOTES (CONT'D)	MECHANICAL NOTES (CONT'D)	ELECTRICAL NOTES (CONT'D)
<p>1. DO NOT SCALE THE DRAWING, USE THE DIMENSIONS ONLY. IF A DISCREPANCY IS FOUND TO EXIST, NOTIFY THE OWNER.</p> <p>2. THESE PLANS/SPECIFICATIONS AND ALL WORK SHALL COMPLY WITH CURRENT EDITION OF STATE OF CALIFORNIA TITLE 24 CCR AND CURRENT CPC, CMC AND CEC CODES.</p> <p>3. DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT THE JOB DIMENSIONS OR CONDITIONS AND IS TO BE REVIEWED AND APPROVED BY THE COUNTY OF INYO.</p> <p>4. VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND STAKE OUT STRUCTURE FOR OWNER'S APPROVAL PRIOR TO STARTING ANY WORK.</p> <p>5. ALL WEATHER-EXPOSED SURFACES ARE TO HAVE A WEATHER-RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING AND THAT EXTERIOR OPENINGS ARE TO BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WEATHERPROOF.</p> <p>6. SPECIFICATIONS FOR EQUIPMENT SHALL BE KEPT ON SITE TO PROVIDE TO THE COUNTY OF INYO BUILDING INSPECTOR</p> <p>7. AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY CONSTRUCTION, RECONSTRUCTION, OR CLOSURE OR THE ROADWAY, SIDEWALK OR RIGHT OF WAY. APPLICANT SHALL CONTACT ENGINEERING DEPARTMENT TO PROCESS.</p> <p>8. APPLICANT IS RESPONSIBLE TO PROVIDE SITE PLAN (PLOT PLAN) TO THE CITY FOR REVIEW AND APPROVAL.</p> <p>9. APPLICANT IS RESPONSIBLE TO VERIFY WHETHER THE JOB SITE IS LOCATED WITHIN A FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD ZONE. PROJECTS LOCATED IN A SPECIAL FLOOD HAZARD AREA DESIGNATED ON THE FLOOD INSURANCE RATE MAP (FIRM) AS ZONE A OR AE, SHALL PROVIDE AN ELEVATION CERTIFICATE WITH SUPPORTED DOCUMENTS TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO BUILDING PERMIT ISSUANCE.</p> <p>10. SUBMIT GRADING PLANS AND/OR PROVIDE ADU/SFD GRADING PERMIT EXEMPTION CHECKLIST FOR REVIEW AND APPROVAL AT TIME OF PERMIT APPLICATION.</p> <p>11. THE PV SYSTEM WILL BE SUBMITTED UNDER A SEPARATE PERMIT. A PHOTOVOLTAIC (SOLAR) SYSTEM BUILDING AND ELECTRICAL PERMIT SHALL BE ISSUED PRIOR TO ADU/SFD BUILDING FRAME INSPECTION REQUEST.</p> <p>12. SOIL REPORT REQUIREMENT: IF A SOILS REPORT IS REQUIRED BY THE LOCAL JURISDICTION, THE GEOTECHNICAL INVESTIGATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH CBC SECTION 1803.2 AND REPORTED IN ACCORDANCE WITH CBC SECTION 1803.6. -THE GEOTECHNICAL ENGINEER OF RECORD SHALL REVIEW THE CITY APPROVED PLANS FOR GENERAL CONFORMANCE WITH THE SOIL REPORT; OTHERWISE, AN ALTERNATE FOUNDATION PLAN DESIGNED BY A CALIFORNIA REGISTERED CIVIL ENGINEER IS REQUIRED</p>	<p>14. FOR PHOTOVOLTAIC ARRAYS OCCUPYING NOT MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN AN 18-INCH (457 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE. FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN A 36-INCH (914 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.</p> <p>15. PER SECTION R806.5/EM3.9.6: a. WHERE ONLY AIR-IMPERMEABLE IS PROVIDED, IT SHALL BE APPLIED IN DIRECT CONTACT WITH UNDERSIDE OF THE STRUCTURAL ROOF SHEATHING. b. WHERE AIR-PERMEABLE INSULATION IS INSTALLED DIRECTLY BELOW THE STRUCT. SHEATHING, RIGID BOARD OR SHEET INSULATION SHALL BE INSTALLED DIRECTLY ABOVE THE STRUCTURAL ROOF SHEATHING w/ MIN. R VALUE BASED ON CLIMATE ZONE PER TABLE R806.5. c. WHERE BOTH AIR-IMPERMEABLE AND AIR-PERMEABLE INSULATION ARE PROVIDED, THE AIR-IMPERMEABLE INSULATION SHALL BE APPLIED IN DIRECT CONTACT WITH THE UNDERSIDE OF THE STRUCT. ROOF SHEATHING w/ MIN. R VALUE BASED ON CLIMATE ZONE PER TABLE R806.5 FOR CONDENSATION CONTROL.</p>	<p>19. VOC'S MUST COMPLY WITH THE LIMITATION LISTED IN SECTION 4.504.3 AND TABLES 4.504.1, 4.504.2, 4.504.3, AND 4.504.4 FOR: ADHESIVES, PAINTS, STAINS, CAULKS AND COATINGS, CARPET AND COMPOSITION WOOD PRODUCTS. DOCUMENTATION SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC LIMIT FINISHED MATERIALS HAVE BEEN USED.</p> <p>20. INTERIOR MOISTURE CONTROL AT SLAB ON GRADE FLOORS SHALL BE PROVIDED BY THE SOIL ENGINEER. IF A SOIL ENGINEER HAS NOT PREPARED A SOIL REPORT FOR THIS PROJECT, THE FOLLOWING IS REQUIRED: A 4" THICK BASE OF 1/2" OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED WITH A VAPOR BARRIER IN DIRECT CONTACT WITH CONCRETE, WITH A CONCRETE MIX DESIGN WHICH WILL ADDRESS BLEEDING, SHRINKAGE AND CURLING SHALL BE USED.</p> <p>21. MOISTURE CONTENT OF WOOD SHALL NOT EXCEED 19% BEFORE IT IS ENCLOSED IN CONSTRUCTION. THE MOISTURE CONTENT NEEDS TO BE CERTIFIED BY ONE OF 3 METHODS SPECIFIED. BUILDING MATERIAL WITH VISIBLE SIGNS OF WATER DAMAGE SHOULD NOT BE USED IN CONSTRUCTION. THE MOISTURE CONTENT MUST BE DETERMINED BY THE CONTRACTOR BY ONE OF THE LISTED METHODS LISTED IN CGC SECTION 4.505.3 PRIOR TO FINAL APPROVAL OF THE BUILDING LICENSED CONTRACTOR, ARCHITECT OR ENGINEER IN RESPONSIBLE CHARGE OF THE OVERALL CONSTRUCTION MUST COMPLETE AND SIGN THE GREEN BUILDING STANDARDS CERTIFICATION FORM AND GIVEN TO THE BUILDING DEPT OFFICIAL TO BE FILED WITH THE APPROVED PLANS</p> <p>22. LANDSCAPE IRRIGATION WATER USE SHALL HAVE WEATHER BASED CONTROLLERS.</p> <p>23. PROJECTS WHICH DISTURB LESS THAN ONE ACRE OF SOIL SHALL MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION BY ONE OF THE FOLLOWING: A. RETENTION BASIN. B. WHERE STORM WATER IS CONVEYED TO A PUBLIC DRAINAGE SYSTEM, WATER SHALL BE FILTERED BY USE OF A BARRIER SYSTEM, WATTLE OR OTHER APPROVED METHOD. CGC 4.106.2.</p> <p>24. THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION WASTE MANAGEMENT PLAN TO THE JURISDICTION AGENCY THAT REGULATES WASTE MANAGEMENT, PER CGC 4.408.2.</p> <p>25. THE BUILDER IS TO PROVIDE AN OPERATION MANUAL (CONTAINING INFORMATION FORM MAINTAINING APPLIANCES, ETC.) FOR THE OWNER AT THE TIME OF FINAL INSPECTION. CGC 4.410.0.</p> <p>26. DURING CONSTRUCTION, ENDS OF DUCT OPENINGS ARE TO BE SEALED, AND MECHANICAL EQUIPMENT IS TO BE COVERED. CGC 4.504.1</p> <p>27. BATHROOM FANS SHALL BE ENERGY STAR RATED, VENTED DIRECTLY TO THE OUTSIDE AND CONTROLLED BY A HUMIDISTAT.</p> <p>28. SPECIAL INSPECTORS EMPLOYED BY THE ENFORCING AGENCY MUST BE QUALIFIED AND ABLE TO DEMONSTRATE COMPETENCE IN THE DISCIPLINE THEY ARE INSPECTING.</p> <p>29. VERIFICATION OF COMPLIANCE WITH THIS CODE MAY INCLUDE CONSTRUCTION DOC. PLANS, SPECIFICATION BUILDER OR INSTALLER CERTIFICATIONS, INSPECTIONS REPORTS, OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY WHICH TO SHOW SUBSTANTIAL CONFORMANCE.</p> <p>30. NEW SINGLE FAMILY RESIDENTIAL CONSTRUCTION SHALL BE DESIGNED FOR AGING-IN-PLACE DESIGN AND FALL PREVENTION PER R327</p> <p>31. A) AT LEAST ONE BATHROOM ON THE ENTRY LEVEL SHALL BE PROVIDED WITH REINFORCEMENT INSTALLED, WHERE THERE IS NO BATHROOM ON THE ENTRY LEVEL, AT LEAST ONE BATHROOM ON THE SECOND OR THIRD FLOOR OF THE DWELLING SHALL COMPLY WITH THIS SECTION. B) REINFORCEMENT SHALL BE SOLID LUMBER OR OTHER CONSTRUCTION MATERIALS APPROVED BY THE ENFORCING AGENCY. C) REINFORCEMENT SHALL NOT BE LESS THAN 2 BY 8 INCH NOMINAL LUMBER. REINFORCEMENT SHALL BE LOCATED BETWEEN 32 INCHES AND 39-1/4 INCHES ABOVE THE FINISHED FLOOR FLUSH WITH THE WALL FRAMING. D) WATER CLOSET REINFORCEMENT SHALL BE INSTALLED ON BOTH SIDE WALLS OF THE FIXTURE, OR ONE SIDE WALL AND THE BACK WALL. E) SHOWER REINFORCEMENT SHALL BE CONTINUOUS WHERE WALL FRAMING IS PROVIDED. F) BATHTUB AND COMBINATION BATHTUB/SHOWER REINFORCEMENT SHALL BE CONTINUOUS ON EACH END OF THE BATHTUB AND THE BACK WALL. ADDITIONALLY, BACK WALL REINFORCEMENT FOR A LOWER GRAB BAR SHALL BE PROVIDED WITH THE BOTTOM EDGE LOCATED NO MORE THAN 6 INCHES ABOVE THE BATHTUB RIM.</p>	<p>7. EXHAUST DUCTS AND DRYER VENTS SHALL BE EQUIPPED WITH BACK DRAFT DAMPERS</p> <p>8. ALL EXHAUST FANS SHALL BE SWITCHED SEPARATELY FROM LIGHTING SYSTEMS. (CENC 150(K) 2B)</p>	<p>17. PER CEC 2022 150.0(N).1.A.: IF THE DESIGNATED SPACE IS WITHIN 3 FEET FROM THE WATER HEATER, THEN THIS SPACE SHALL INCLUDE THE FOLLOWING: A DEDICATED 125 VOLT, 20 AMP ELECTRICAL RECEPTACLE THAT IS CONNECTED TO THE ELECTRIC PANEL WITH A 120/240 VOLT 3 CONDUCTOR, 10 AWG COPPER BRANCH CIRCUIT, WITHIN 3 FEET FROM THE WATER HEATER AND ACCESSIBLE TO THE WATER HEATER WITH NO OBSTRUCTIONS; AND</p> <ul style="list-style-type: none"> <li>BOTH ENDS OF THE UNUSED CONDUCTOR SHALL BE LABELED WITH THE WORD "SPARE" AND BE ELECTRICALLY ISOLATED; AND</li> <li>A RESERVED SINGLE POLE CIRCUIT BREAKER SPACE IN THE ELECTRICAL PANEL ADJACENT TO THE CIRCUIT BREAKER FOR THE BRANCH CIRCUIT IN A ABOVE AND LABELED WITH THE WORDS "FUTURE 240V USE"; AND</li> <li>A CONDENSATE DRAIN THAT IS NO MORE THAN 2 INCHES HIGHER THAN THE BASE OF THE INSTALLED WATER HEATER, AND ALLOWS NATURAL DRAINING WITHOUT PUMP ASSISTANCE.</li> </ul> <p>18. ELECTRICAL RECEPTACLE OUTLETS IN BATHROOM MUST BE NO MORE THAN 48 INCHES OR LESS THAN 15-INCHES MEASURE FROM THE FINISHED FLOOR.</p> <p>19. DOORBELL BUTTON MUST BE INSTALLED NO MORE THAN 48 INCHES FROM EXTERIOR FLOOR.</p> <p>20. LUMINAIRE EFFICACY - ALL INSTALLED LUMINAIRES SHALL MEET THE REQUIREMENTS OF 2022 BUILDING ENERGY EFFICIENCY STANDARDS TABLE 150.0-A PER SECTION 150.0(K).</p>
<p><b>ROOF NOTES</b></p> <p>1. FLASHINGS SHALL BE INSTALLED IN A MANNER THAT PREVENTS MOISTURE FROM ENTERING THE WALL AND ROOF THROUGH JOINTS IN COPINGS, THROUGH MOISTURE PERMEABLE MATERIALS AND AT INTERSECTIONS WITH PARAPET WALLS AND OTHER PENETRATIONS THROUGH THE ROOF PLANE.</p> <p>2. UNLESS ROOFS ARE SLOPED TO DRAIN OVER ROOF EDGES, ROOF DRAINS SHALL BE INSTALLED AT EACH LOW POINT OF ROOF.</p> <p>3. ROOF ASSEMBLIES SHALL BE OF MATERIALS THAT ARE COMPATIBLE WITH EACH OTHER AND WITH THE BUILDING OR STRUCTURE TO WHICH THE MATERIALS ARE APPLIED.</p> <p>4. BUILDING-INTEGRATED PHOTOVOLTAIC PRODUCTS INSTALLED AS THE ROOF COVERING SHALL BE TESTED, LISTED AND LABELED FOR FIRE CLASSIFICATION IN ACCORDANCE WITH SECTION R902.1 THROUGH R902.4.</p> <p>5. ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.</p> <p>6. CLAY AND CONCRETE ROOF TILE SHALL BE INSTALLED ON ROOF SLOPES OF TWO AND ONE-HALF UNITS VERTICAL IN 12 UNITS HORIZONTAL (25-PERCENT SLOPE) OR GREATER. FOR ROOF SLOPES FROM TWO AND ONE-HALF UNITS VERTICAL IN 12 UNITS HORIZONTAL (25-PERCENT SLOPE) TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.3.3.</p> <p>7. SLATE SHINGLES SHALL BE USED ONLY ON SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER.</p> <p>8. THE MINIMUM SLOPE FOR STANDING-SEAM ROOF SYSTEMS SHALL BE ONE-QUARTER UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE).</p> <p>9. BUILT-UP ROOFS SHALL HAVE A DESIGN SLOPE OF NOT LESS THAN ONE-FOURTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE) FOR DRAINAGE, EXCEPT FOR COAL-TAR BUILT-UP ROOFS, WHICH SHALL HAVE A DESIGN SLOPE OF A MINIMUM ONE-EIGHTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (1-PERCENT SLOPE).</p> <p>10. MINERAL-SURFACED ROLL ROOFING SHALL NOT BE APPLIED ON ROOF SLOPES BELOW ONE UNIT VERTICAL IN 12 UNITS HORIZONTAL (8-PERCENT SLOPE).</p> <p>11. MODIFIED BITUMEN ROOFING SHALL HAVE A DESIGN SLOPE OF NOT LESS THAN ONE-FOURTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE) FOR DRAINAGE.</p> <p>12. SINGLE-PLY MEMBRANE ROOFS SHALL HAVE A DESIGN SLOPE OF NOT LESS THAN ONE-FOURTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE) FOR DRAINAGE.</p> <p>13. A CLASS A ROOF ASSEMBLY SHALL BE INSTALLED. IF THE APPLICANT DEVIATES FROM THE ROOF SPECIFICATIONS ON SHEET T1.1, THE APPLICANT SHALL PROVIDE A COPY OF THE ICC/UL LISTING</p>	<p><b>FLOOR PLAN NOTES</b></p> <p>1. ALL DIMENSIONS TO FACE OF STUD, U.N.O.</p> <p>2. ALL DOORS SHOULD BE 3 1/2" FROM NEAREST INTERSECTING WALL AT HINGED SIDE, U.N.O.</p> <p>3. WRITTEN DIMENSIONS TO PREVAIL OVER SCALING OF DRAWINGS. CONTRACTOR TO VERIFY ALL DIM. PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY OWNER OF ANY DISCREPANCIES.</p> <p>4. REFER TO FRAMING PLANS AND SECTIONS FOR CLARIFICATION AND DIM. NOT SHOWN.</p> <p>5. ALL ROOF DRAIN PIPES TO BE MIN. 2" STORM DRAINAGE SYSTEM UNLESS LOCAL CODE REQUIRES LARGER DRAIN SIZES. ROOF GUTTERS: STYLE A - INSTALLED AND DESIGNED IN ACCORDANCE WITH SMACNA MANUAL, PLATE #1, #2 &amp; #3, GUTTER, PAGE 6 - 11, WIDTH AS REQUIRED TO HANDLE THE AMOUNT OF ROOF WATER FOR MAXIMUM STORMS, SMACNA CHART #2, PAGE #2. GUTTER: SIZE; PAGES 1,2, 3, 4, 5 &amp; 6, CHARTS #1, #2, #3, #4, #5 #6 &amp; #7 STYLE: PLATE #2, STYLE A, PAGE 9 EXPANSION: PLATE #6, PAGE 16 &amp; 17 HANGING: PLATE #19, FIG. C, PAGE 43. DOWN SPOUTS: PLAIN RECTANGULAR, AS REQUIRED BY SMACNA MANUAL CHART #3, PAGE #3. SEE ARCHITECT FOR LOCATIONS OF DOWN SPOUTS. ALL DOWN SPOUTS ARE TO BE DESIGNED TO HANDLE THE AMOUNT OF ROOF WATER FOR MAXIMUM STORMS, SMACNA CHART #2, PAGE #2. DOWN SPOUTS ARE TO DEPOSIT DIRECTLY OVER A NDS 6 INCH SQUARE, MODEL 641 OR APPROVED EQUAL (SEE SECTION 02710 MORE INFORMATION )</p> <p>6. TRANSITION OF FLOOR MATERIALS OCCURRING IN OPENINGS WITH DOORS TO BE LOCATED UNDER THE CENTER OF THE DOOR IN THE CLOSED POSITION. TRANSITION OF FLOOR MATERIAL OCCURRING WITH NO DOOR TO BE LOCATED TO ALIGN WITH THE FACE OF THE PARTITION, U.O.N</p> <p>7. DIFFUSERS AND GRILLS TO MATCH COLOR OF SURFACE AT WHICH THEY ARE MOUNTED, U.O.N.</p> <p>8. FLOOR FINISH TO CONTINUE UNDER MILLWORK WHERE FLOOR IS VISIBLE (I.E. TRASH, RECYCLING, ECT.) 8. SILICON SEALANT AT GLAZING TO BE CLEAR, U.O.N.</p> <p>9. PLUMBING, ELECTRICAL, AND SPRINKLER EQUIPMENT, IF REQUIRED TO BE PAINTED TO MATCH COLOR OF ADJACENT SURFACE.</p> <p>10. ALL FINISH MATERIAL MUST MEET ALL APPLICATION FIRE, LIFE SAFETY, AND BUILDING CODES. 80% OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH SPECIFIED VOC CRITERIA. PARTICLE BOARD, MDF AND PLYWOOD USED IN INTERIOR FINISH SYSTEMS SHALL COMPLY WITH LOW FORMALDEHYDE EMISSION STANDARDS.</p> <p>11. OPERATION AND MAINTENANCE MANUAL: THE BUILDER IS TO PROVIDE AN OPERATION MANUAL (CONTAINING INFORMATION FOR MAINTAINING APPLIANCES, ETC.) FOR THE OWNER AT THE TIME OF FINAL INSPECTION.</p> <p>12. WEEP SCREED FOR STUCCO AT THE FOUNDATION PLATE LINE SHALL BE A MIN. OF 4" ABOVE THE EARTH OR 2" ABOVE PAVED AREAS. CRC R703.7.2.1, CBC 2512.1.2</p> <p>13. FASTENERS AND CONNECTIONS (NAILS, ANCHORS BOLTS ECT) IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. (CRC R317.3, CBC 2304.10.5)</p> <p>14. ANCHOR BOLTS SHALL INCLUDE STEEL PLATE WASHERS A MIN. OF 0.229" X 3" X 3" IN SIZE, BETWEEN SILL PLATE AND NUT. (CRC R602.11.1, CBC 2308.3.2 ACCEPTANCE ALTERNATIVE SDPWS 4.3.6.4.3)</p> <p>15. FUTURE WATER HEATERS AND PLUMBING FIXTURES SHALL MEET THE REQUIREMENTS OF SECTION 2-5314 AND TABLE 2-53G, TITLE 24, C.A.C.</p> <p>16. 15, 20 AND 30 AMP. RECEPTACLE OUTLETS SHALL BE INSTALLED NO MORE THAN 48" MEASURED FROM THE TOP OF OUTLET BOX AND NOT LESS THAN 15" FROM THE BOTTOM OF OUTLET BOX ABOVE THE FLOOR.</p> <p>17. SITE SHALL BE PLANNED AND DEVELOPED TO KEEP SURFACE WATER AWAY FROM BUILDINGS. PLANS SHALL BE PROVIDED AND APPROVED BY THE CITY ENGINEER THAT SHOW SITE GRADING AND PROVIDE FOR STORM WATER RETENTION AND DRAINAGE DURING CONSTRUCTION. BMP'S THAT ARE CURRENTLY ENFORCED BY THE CITY ENGINEER MUST BE IMPLEMENTED PRIOR TO INITIAL INSPECTION BY THE BUILDING DEPT.</p> <p>18. 65 % OF CONSTRUCTION WASTE IS TO BE RECYCLED AND 100% OF INERT MATERIALS ARE RECYCLED, COMPOSTED.</p>	<p><b>MECHANICAL NOTES</b></p> <p>1. WHERE WATER CLOSET COMPARTMENT IS INDEPENDENT OF THE BATHROOM OR SHOWER AREA, A FAN WILL BE REQ. IN EACH AREA. BATHROOMS SHALL HAVE AN EXHAUST FAN WITH HUMIDITY CONTROL SENSOR, MIN. 50 CFM CAPACITY. (CRC R303.3.1)</p> <p>2. ROOMS CONTAINING BATHTUBS, SHOWERS, SPAS AND SIMILAR FIXTURES SHALL BE PROVIDED WITH AN EXHAUST FAN WITH HUMIDITY CONTROL SENSOR HAVING A MIN. CAPACITY OF 50 CFM DUCTED TO TERMINATE OUTSIDE THE BLDG. (CRC R303.3, CAL GREEN 4.505.1, CBC 1203.5.2.1, CMC 402.5)</p> <p>3. SUPPLY AND RETURN AIR DUCTS TO BE INSULATED AT A MIN. OF R-6. (CAL ENERGY CODE TABLE 150.1-A)</p> <p>4. WHERE WHOLE HOUSE FANS ARE USED IN BATHROOM AREAS, THE FAN MUST RUN CONTINUOUSLY AND SHALL NOT BE TIED TO HUMIDITY CONTROL SENSOR. (CAL GREEN 4.506.1)</p> <p>5. ENVIRONMENTAL AIR DUCTS SHALL TERMINATE MIN. 3 FEET FROM PROPERTY LINE OR OPENINGS INTO BLDGS., AND 10' FROM A FORCED AIR INLET. (CMC 502.2.1)</p> <p>6. PROVIDE A CONDENSATE DRAIN NO MORE THAN 2" ABOVE THE BASE OF THE WATER HEATER SPACE. (CAL ENERGY CODE 150.0 (N).</p>	<p><b>PLUMBING NOTES</b></p> <p>1. ALL HOSE BIBS ARE TO HAVE VACUUM BREAKERS. (CPC603.5.7)</p> <p>2. THE MAX. AMOUNT OF WATER CLOSETS ON A 3" HORIZONTAL DRAINAGE SYSTEM LINE IS 5 (CPC TABLE 703.2)</p> <p>3. THE MAX. AMOUNT OF WATER CLOSETS ON A 3" VERTICAL DRAINAGE LINE IS 5. (CPC TABLE 703.2)</p> <p>4. PROVIDE GAS LINES WITH A MN. CAPACITY OF 200,000BTU FOR WATER HEATER. (CAL ENERGY CODE 150.0(N))</p> <p>5. INSULATE ALL HOT WATER PIPES. CAL ENERGY CODE 150.0(j) (2), and CPC 609.11)</p> <p>6. ISOLATION VALVES ARE REQ. FOR TANKLESS WATER HEATERS ON THE HOT AND COLD SUPPLY LINES WITH HOSE BIBS ON EACH VALVE, TO FLUSH THE HEAT EXCHANGER. (CAL ENERGY CODE 110.3(7)).</p> <p>7. PLUMBING FIXTURES AND FITTINGS INSTALLED IN RESIDENTIAL BUILDINGS SHALL COMPLY WITH THE PRESCRIPTIVE REQ. OF SECTIONS 4.303.1.1 THROUGH 4.303.1.4.4.</p> <p>8. PLUMBING FIXTURES AND FITTINGS REQ. IN SECTION 4.303.1 SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE AND SHALL MEET THE THE APPLICABLE REFERENCE STANDARDS.</p> <p>9. ALL HOSE CONNECTIONS SHALL BE EQUIPPED WITH NON-REMOVABLE BACK FLOW PREVENTERS. [CPC 603.3.3]</p>	<p><b>ELECTRIC READY NOTES:</b> <b>2022 ENERGY EFFICIENCY STANDARDS 150.0</b></p> <p>(S) ENERGY STORAGE SYSTEMS (ESS) READY. ALL SINGLE-FAMILY RESIDENCES THAT INCLUDE ONE OR TWO DWELLING UNITS SHALL MEET THE FOLLOWING. ALL ELECTRICAL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE:</p> <ol style="list-style-type: none"> <li>AT LEAST ONE OF THE FOLLOWING SHALL BE PROVIDED:             <ol style="list-style-type: none"> <li>ESS READY INTERCONNECTION EQUIPMENT WITH A MINIMUM BACKED-UP CAPACITY OF 60 AMPS AND A MINIMUM OF FOUR ESS-SUPPLIED BRANCH CIRCUITS, OR</li> <li>A DEDICATED RACEWAY FROM THE MAIN SERVICE TO A PANELBOARD (SUBPANEL) THAT SUPPLIES THE BRANCH CIRCUITS IN SECTION 150.0(S)(2). ALL BRANCH CIRCUITS ARE PERMITTED TO BE SUPPLIED BY THE MAIN SERVICE PANEL PRIOR TO THE INSTALLATION OF AN ESS. THE TRADE SIZE OF THE RACEWAY SHALL BE NOT LESS THAN ONE INCH. THE PANELBOARD THAT SUPPLIES THE BRANCH CIRCUITS (SUBPANEL) MUST BE LABELED "SUBPANEL SHALL INCLUDE ALL BACKED-UP LOAD CIRCUITS."</li> </ol> </li> <li>A MINIMUM OF FOUR BRANCH CIRCUITS SHALL BE IDENTIFIED AND HAVE THEIR SOURCE OF SUPPLY COLLOCATED AT A SINGLE PANELBOARD SUITABLE TO BE SUPPLIED BY THE ESS. AT LEAST ONE CIRCUIT SHALL SUPPLY THE REFRIGERATOR, ONE LIGHTING CIRCUIT SHALL BE LOCATED NEAR THE PRIMARY EGRESS, AND AT LEAST ONE CIRCUIT SHALL SUPPLY A SLEEPING ROOM RECEPTACLE OUTLET.</li> <li>THE MAIN PANELBOARD SHALL HAVE A MINIMUM BUSBAR RATING OF 225 AMPS.</li> <li>SUFFICIENT SPACE SHALL BE RESERVED TO ALLOW FUTURE INSTALLATION OF A SYSTEM ISOLATION EQUIPMENT/TRANSFER SWITCH WITHIN 3 FEET OF THE MAIN PANELBOARD. RACEWAYS SHALL BE INSTALLED BETWEEN THE PANELBOARD AND THE SYSTEM ISOLATION EQUIPMENT/TRANSFER SWITCH LOCATION TO ALLOW THE CONNECTION OF BACKUP POWER SOURCE.</li> </ol> <p>(T) HEAT PUMP SPACE HEATER READY. SYSTEMS USING GAS OR PROPANE FURNACE TO SERVE INDIVIDUAL DWELLING UNITS SHALL INCLUDE THE FOLLOWING:</p> <ol style="list-style-type: none"> <li>A DEDICATED 240 VOLT BRANCH CIRCUIT WIRING SHALL BE INSTALLED WITHIN 3 FEET FROM THE FURNACE AND ACCESSIBLE TO THE FURNACE WITH NO OBSTRUCTIONS. THE BRANCH CIRCUIT CONDUCTORS SHALL BE RATED AT 30 AMPS MINIMUM. THE BLANK COVER SHALL BE IDENTIFIED AS "240V READY." ALL ELECTRICAL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE.</li> <li>THE MAIN ELECTRICAL SERVICE PANEL SHALL HAVE A RESERVED SPACE TO ALLOW FOR THE INSTALLATION OF A DOUBLE POLE CIRCUIT BREAKER FOR A FUTURE HEAT PUMP SPACE HEATER INSTALLATION. THE RESERVED SPACE SHALL BE PERMANENTLY MARKED AS "FOR FUTURE 240V USE."</li> </ol> <p>(U) ELECTRIC COOKTOP READY. SYSTEMS USING GAS OR PROPANE COOKTOP TO SERVE INDIVIDUAL DWELLING UNITS SHALL INCLUDE THE FOLLOWING:</p> <ol style="list-style-type: none"> <li>A DEDICATED 240 VOLT BRANCH CIRCUIT WIRING SHALL BE INSTALLED WITHIN 3 FEET FROM THE COOKTOP AND ACCESSIBLE TO THE COOKTOP WITH NO OBSTRUCTIONS. THE BRANCH CIRCUIT CONDUCTORS SHALL BE RATED AT 50 AMPS MINIMUM. THE BLANK COVER SHALL BE IDENTIFIED AS "240V READY." ALL ELECTRICAL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE.</li> <li>THE MAIN ELECTRICAL SERVICE PANEL SHALL HAVE A RESERVED SPACE TO ALLOW FOR THE INSTALLATION OF A DOUBLE POLE CIRCUIT BREAKER FOR A FUTURE ELECTRIC COOKTOP INSTALLATION. THE RESERVED SPACE SHALL BE PERMANENTLY MARKED AS "FOR FUTURE 240V USE."</li> </ol> <p>(V) ELECTRIC CLOTHES DRYER READY. CLOTHES DRYER LOCATIONS WITH GAS OR PROPANE PLUMBING TO SERVE INDIVIDUAL DWELLING UNITS SHALL INCLUDE THE FOLLOWING:</p> <ol style="list-style-type: none"> <li>A DEDICATED 240 VOLT BRANCH CIRCUIT WIRING SHALL BE INSTALLED WITHIN 3 FEET FROM THE CLOTHES DRYER LOCATION AND ACCESSIBLE TO THE CLOTHES DRYER LOCATION WITH NO OBSTRUCTIONS. THE BRANCH CIRCUIT CONDUCTORS SHALL BE RATED AT 30 AMPS MINIMUM. THE BLANK COVER SHALL BE IDENTIFIED AS "240V READY." ALL ELECTRICAL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE.</li> <li>THE MAIN ELECTRICAL SERVICE PANEL SHALL HAVE A RESERVED SPACE TO ALLOW FOR THE INSTALLATION OF A DOUBLE POLE CIRCUIT BREAKER FOR A FUTURE ELECTRIC CLOTHES DRYER INSTALLATION. THE RESERVED SPACE SHALL BE PERMANENTLY MARKED AS "FOR FUTURE 240V USE."</li> </ol>
		<p><b>MECHANICAL NOTES</b></p> <p>1. WHERE WATER CLOSET COMPARTMENT IS INDEPENDENT OF THE BATHROOM OR SHOWER AREA, A FAN WILL BE REQ. IN EACH AREA. BATHROOMS SHALL HAVE AN EXHAUST FAN WITH HUMIDITY CONTROL SENSOR, MIN. 50 CFM CAPACITY. (CRC R303.3.1)</p> <p>2. ROOMS CONTAINING BATHTUBS, SHOWERS, SPAS AND SIMILAR FIXTURES SHALL BE PROVIDED WITH AN EXHAUST FAN WITH HUMIDITY CONTROL SENSOR HAVING A MIN. CAPACITY OF 50 CFM DUCTED TO TERMINATE OUTSIDE THE BLDG. (CRC R303.3, CAL GREEN 4.505.1, CBC 1203.5.2.1, CMC 402.5)</p> <p>3. SUPPLY AND RETURN AIR DUCTS TO BE INSULATED AT A MIN. OF R-6. (CAL ENERGY CODE TABLE 150.1-A)</p> <p>4. WHERE WHOLE HOUSE FANS ARE USED IN BATHROOM AREAS, THE FAN MUST RUN CONTINUOUSLY AND SHALL NOT BE TIED TO HUMIDITY CONTROL SENSOR. (CAL GREEN 4.506.1)</p> <p>5. ENVIRONMENTAL AIR DUCTS SHALL TERMINATE MIN. 3 FEET FROM PROPERTY LINE OR OPENINGS INTO BLDGS., AND 10' FROM A FORCED AIR INLET. (CMC 502.2.1)</p> <p>6. PROVIDE A CONDENSATE DRAIN NO MORE THAN 2" ABOVE THE BASE OF THE WATER HEATER SPACE. (CAL ENERGY CODE 150.0 (N).</p>	<p>11. ALL EXHAUST FANS SHALL BE SWITCHED SEPARATELY FROM LIGHTING SYSTEMS. (CENC 150(K) 2B)</p> <p>12. A MINIMUM OF ONE LUMINAIRE SHALL BE INSTALLED IN BATHROOM CONTROLLED BY AN OCCUPANT OR VACANCY SENSOR PROVIDING AUTOMATIC -OFF FUNCTIONALLY (CENC 150.0(K)21)</p> <p>13. LAUNDRY AREA SHALL AT LEAST 1-20 AMP DEDICATED BRANCH CIRCUIT (CEC 210.11 (C)(2)</p> <p>14. PROVIDE A DEDICATED CIRCUIT FOR THE A.C./FAU (CEC 422.12)</p> <p>15. A DEDICATED 125V, 20AMP ELECTRICAL RECEPTACLE THAT IS CONNECTED TO THE ELECTRICAL PANEL WITH A 120/240 VOLT 3 CONDUCTOR, 10 AWG COPPER BRANCH CIRCUIT, WITHIN 3 FEET FROM THE WATER HEATER AND ACCESSIBLE TO THE WATER HEATER WITH NO OBSTRUCTIONS (CENC 150.0(N)1A)</p> <p>16. SMOKE DETECTORS MUST BE PERMANENTLY WIRED. IN NEW CONSTRUCTION, REQUIRED SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND SHALL BE EQUIPPED WITH A BATTERY BACK-UP. SMOKE ALARMS SHALL EMIT A SIGNAL WHEN THE BATTERIES ARE LOW. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN AS REQUIRED FOR OVER CURRENT PROTECTION.</p>	<p>1. A DEDICATED 240 VOLT BRANCH CIRCUIT WIRING SHALL BE INSTALLED WITHIN 3 FEET FROM THE CLOTHES DRYER LOCATION AND ACCESSIBLE TO THE CLOTHES DRYER LOCATION WITH NO OBSTRUCTIONS. THE BRANCH CIRCUIT CONDUCTORS SHALL BE RATED AT 30 AMPS MINIMUM. THE BLANK COVER SHALL BE IDENTIFIED AS "240V READY." ALL ELECTRICAL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE.</p> <p>2. THE MAIN ELECTRICAL SERVICE PANEL SHALL HAVE A RESERVED SPACE TO ALLOW FOR THE INSTALLATION OF A DOUBLE POLE CIRCUIT BREAKER FOR A FUTURE ELECTRIC CLOTHES DRYER INSTALLATION. THE RESERVED SPACE SHALL BE PERMANENTLY MARKED AS "FOR FUTURE 240V USE."</p>

project

County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions

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description

General  
Notes

date

2024

project no.

INYO COUNTY ADU/SFDS

drawn by

DESIGN PATH STUDIO

sheet no.

GO.2

VERY HIGH FIRE SEVERITY ZONE (VHFSZ) NOTES

GENERAL NOTE:  
THE ADU/SFD SHALL COMPLY WITH CHAPTER 7A OF THE CURRENT CALIFORNIA BUILDING CODE IF IT IS IN THE VHFSZ. STRUCTURES IN THE VERY HIGH FIRE HAZARD SEVERITY ZONE SHALL PROVIDE & MAINTAIN A FUEL MODIFICATION ZONE. FUEL MODIFICATION ZONES: THE APPLICANT SHALL PROVIDE AND MAINTAIN FIRE/FUEL BREAKS TO THE SATISFACTION OF THE CITY'S FIRE DEPARTMENT. FIRE/FUEL BREAK SIZE (MINIMUM 100 FEET FROM STRUCTURE) & COMPOSITION SHALL BE DETERMINED BY THE FIRE DEPARTMENT & SHOWN ON THE IMPROVEMENT/GRADING PLANS, FINAL MAP, & BUILDING PLANS

CBC CHAPTER 7A - MATERIALS & CONSTRUCTION METHODS FOR EXTERIOR WILDLIFE EXPOSURE IF THE PROPERTY THAT WILL CONTAIN THE ADU/SFD IS IN THE VERY HIGH FIRE HAZARD SEVERITY ZONE THESE NOTES SHALL APPLY. THE JURISDICTION HAS DETERMINED THAT THIS PROJECT IS IN A WILDLIFE -URBAN INTERFACE AREA. PLEASE SHOW COMPLIANCE WITH THE FOLLOWING ITEMS FOR NEW BUILDINGS, PER THE 2022 CBC. EXCEPTIONS:

- BUILDINGS OF AN ACCESSORY CHARACTER CLASSIFIED AS A GROUP U OCCUPANCY AND NOT EXCEEDING 120 SQUARE FEET IN FLOOR AREA. WHEN LOCATED AT LEAST 30 FEET FROM AN APPLICABLE BUILDING.
- BUILDINGS OF AN ACCESSORY CHARACTER CLASSIFIES AS A GROUP U OCCUPANCY OF ANY SIZE LOCATED LEAST 50' FROM AN APPLICABLE BUILDING.
- BUILDINGS CLASSIFIED AS A GROUP U AGRICULTURE BUILDING. AS DEFINED IN SECTION 202 OF THE CODE (SEE ALSO APPENDIX C - GROUP U AGRICULTURE BUILDINGS ), WHEN LOCATED AT LEAST 50' FROM AN APPLICABLE BUILDING.

REQUIREMENTS:

- 705A.2 ROOF COVERINGS. WHERE THE ROOF PROFILE HAS AN AIRSPACE UNDER THE ROOF COVERING, INSTALLED OVER A COMBUSTIBLE DECK, A 72 LB. (32.7 KG) CAP SHEET COMPLYING WITH ASTM D3909 STANDARD SPECIFICATION FOR "ASPHALT ROLLED ROOFING (GLASS FELT) SURFACED WITH MINERAL GRANULES," SHALL BE INSTALLED OVER THE ROOF DECK. BIRD STOPS SHALL BE USED AT THE EAVES WHEN THE PROFILE FITS. TO PREVENT DEBRIS AT THE EAVE. HIP AND RIDGE CAPS SHALL BE MUDDED IN TO PREVENT INTRUSION OF FIRE OR EMBERS. EXCEPTION: CAP SHEET IS NOT REQUIRED WHEN NO LESS THAN 1" OF MINERAL WOOL BOARD OR OTHER NONCOMBUSTIBLE MATERIAL IS LOCATED BETWEEN THE ROOFING MATERIAL AND WOOD FRAMING OR DECK. ALTERNATELY, A CLASS A FIRE RATED ROOF UNDERLAYMENT, TESTED IN ACCORDANCE WITH ASTM E108, SHALL BE PERMITTED TO BE USED. IF THE SHEATHING CONSISTS OF EXTERIOR FIRE-RETARDANT TREATED WOOD, THE UNDERLAYMENT SHALL NOT BE REQUIRED TO COMPLY WITH A CLASS A CLASSIFICATION. BIRD STOPS SHALL BE USED AT THE EAVES WHEN THE PROFILE FITS, TO PREVENT DEBRIS AT THE EAVE. HIP AND RIDGE CAPS SHALL BE MUDDED IN TO PREVENT INTRUSION OF FIRE OR EMBERS.
- 705A.3 ROOF VALLEYS. WHERE VALLEY FLASHING IS INSTALLED, THE FLASHING SHALL BE NOT LESS THAN 0.019-INCH NO. 26 GAGE GALVANIZED SHEET CORROSION-RESISTANT METAL INSTALLED OVER NOT LESS THAN ONE LAYER OF MIN. 72 POUND MINERAL - SURFACED NON PERFORATED CAP SHEET COMPLYING WITH ASTM D 3909. AT LEAST 36-INCH -WIDE RUNNING THE FULL LENGTH OF THE VALLEY.
- 705A.4 ROOF GUTTER. ROOF GUTTERS SHALL BE PROVIDED WITH THE MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER.
- 706A.2 VENTILATION OPENINGS SHALL BE FULLY COVERED WITH WILDFIRE FLAME AND EMBER RESISTANT VENTS APPROVED AND LISTED BY THE CALIFORNIA STATE FIRE MARSHAL, OR WUI VENTS TESTED TO ASTM E2886 AND LISTED, BY COMPLYING WITH ALL OF THE FOLLOWING REQUIREMENTS:
  - THERE SHALL BE NO FLAMING IGNITION OF THE COTTON MATERIAL DURING THE EMBER INTRUSION TEST
  - THERE SHALL BE NO FLAMING IGNITION DURING THE INTEGRITY TEST PORTION OF THE FLAME INTRUSION TEST
  - THE MAXIMUM TEMPERATURE OF THE UNEXPOSED SIDE OF THE VENT SHALL NOT EXCEED 662 F
- 706A.2.1 VENTS THAT ARE INSTALLED ON A SLOPED ROOF, SUCH AS DORMER VENTS, SHALL COMPLY WITH ALL THE FOLLOWING
  - VENTS SHALL BE COVERED WITH A MESH WHERE THE DIMENSIONS OF THE MESH THEREIN SHALL BE A MINIMUM OF  $\frac{1}{16}$  - INCH AND SHALL NOT EXCEED  $\frac{1}{8}$  - INCH IN DIAMETER
  - THE MESH MATERIAL SHALL BE NONCOMBUSTIBLE
  - THE MESH MATERIAL SHALL BE CORROSION RESISTANT.
- 707A.3 EXTERIOR WALLS COVERINGS. THE EXTERIOR WALL COVERING SHALL COMPLY WITH ONE OR MORE OF THE FOLLOWING REQUIREMENTS, EXCEPT AS PERMITTED FOR EXTERIOR WALL ASSEMBLIES COMPLYING WITH SECTION 707A.4:
  - NONCOMBUSTIBLE MATERIAL
  - IGNITION- RESISTANT MATERIAL. THE IGNITION-RESISTANT MATERIAL SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 704A.2.
  - FIRE-RETARDANT-TREATED WOOD. THE FIRE-RETARDANT-TREATED WOOD SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 2303.2.
- 707A.3.1 EXTENT OF EXTERIOR WALL COVERING. EXTERIOR WALL COVERINGS SHALL EXTEND FROM THE TOP OF THE FOUNDATION TO THE ROOF AND TERMINATE AT 2" NOMINAL SOLID WOOD BLOCKING BETWEEN RAFTERS AT ALL ROOF OVERHANGS, OR IN THE CASE OF ENCLOSED EAVES, TERMINATE AT THE ENCLOSURE.

- 707A.4 EXTERIOR WALL ASSEMBLIES. EXTERIOR WALL ASSEMBLIES OF BUILDINGS OR STRUCTURES SHALL BE CONSTRUCTED USING ONE OR MORE OF THE FOLLOWING METHODS, UNLESS THEY ARE COVERED BY AN EXTERIOR WALL COVERING COMPLYING WITH SECTION 707A.3:
  - ASSEMBLY OF SAWN LUMBER OR GLUE LAMINATED WOOD WITH THE SMALLEST MINIMUM NOMINAL DIMENSION OF 4 INCHES. SAWN OR GLUE-LAMINATED PLANKS SPLINED, TONGUE-AND-GROOVE, OR SET CLOSE TOGETHER AND WELL SPIKED.
  - LOG WALL CONSTRUCTION ASSEMBLY
  - ASSEMBLY THAT HAS BEEN TESTED IN ACCORDANCE WITH THE TEST PROCEDURES FOR A 10 MINUTE DIRECT FLAME CONTACT EXPOSURE SET FORTH IN ASTM E2707 WITH THE CONDITIONS OF ACCEPTANCE SHOWN IN SECTION 707A.4.1.
  - ASSEMBLY THAT MEET THE PERFORMANCE CRITERIA IN ACCORDANCE WITH THE TEST PROCEDURES FOR A TEN MINUTE DIRECT FLAME CONTACT EXPOSURE TEST SET FORTH IN SFM STANDARD 12-7A-1
  - ASSEMBLY SUITABLE FOR EXTERIOR FIRE EXPOSURE WITH A 1-HOUR FIRE RESISTANCE RATING, RATED FROM THE EXTERIOR SIDE, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL263
  - ASSEMBLY SUITABLE FOR EXTERIOR FIRE EXPOSURE CONTAINING ONE LAYER OF  $\frac{5}{8}$  -INCH TYPE X GYPSUM SHEATHING APPLIED BEHIND THE EXTERIOR WALL COVERING OR CLADDING ON THE EXTERIOR SIDE OF THE FRAMING.
  - ASSEMBLY SUITABLE FOR EXTERIOR EXPOSURE CONTAINING ANY OF THE GYPSUM PANEL AND SHEATHING PRODUCTS LISTED IN THE GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUEL AS COMPLYING WITH A 1-HOUR FIRE-RESISTANCE RATING, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263

- 707A.5 OPEN ROOF EAVES. THE EXPOSED ROOF DECK ON THE UNDERSIDE OF ENCLOSED ROOF EAVES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING:
  - NON COMBUSTIBLE MATERIAL
  - IGNITION- RESISTANT MATERIAL. THE IGNITION-RESISTANT MATERIAL SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 704A.2
  - FIRE-RETARDANT-TREATED WOOD. THE FIRE-RETARDANT-TREATED WOOD SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 2303.2
  - MATERIALS APPROVED FOR NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION ON THE EXTERIOR SIDE, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263
  - ONE LAYER OF  $\frac{5}{8}$ " TYPE X GYPSUM SHEATHING APPLIES BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE EXTERIOR OF THE ROOF DECK.
  - THE EXTERIOR PORTION A 1- HOUR FIRE RESISTIVE EXTERIOR ASSEMBLY, APPLIES AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, APPLIED TO THE UNDERSIDE OF THE ROOF DECK DESIGNED FOR THE EXTERIOR FIRE EXPOSURE, INCLUDING ASSEMBLES USING THE GYPSUM PANEL AND SHEATHING PRODUCTS LISTED IN THE GYPSUM ASSOCIATION FIRE RESISTANCE DEIGN MANUAL.

EXCEPTION TO SECTION 707A.5: THE FOLLOWING MATERIALS DO NOT REQUIRE PROTECTION:  
FASCIA AND OTHER ARCHITECTURAL TRIM BOARDS

- 707A.6 ENCLOSED ROOF EAVES AND ROOF EAVE SOFFITS. THE EXPOSED UNDERSIDE OF ENCLOSED ROOF EAVES HAVING EITHER A BOXED-IN ROOF EAVE SOFFIT WITH A HORIZONTAL UNDERSIDE, OR SLOPING RAFTER TAILS WITH AN EXTERIOR COVERING APPLIED TO THE UNDERSIDE OF THE RAFTER TAILS, SHALL BE PROTECTED BY ONE OR MORE OF THE FOLLOWING:
  - NONCOMBUSTIBLE MATERIAL
  - IGNITION- RESISTANT MATERIAL. THE IGNITION-RESISTANT MATERIAL SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 704A.2
  - FIRE-RETARDANT-TREATED WOOD. THE FIRE-RETARDANT TREATED WOOD SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 2303.2
  - MATERIALS APPROVED FOR NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION ON THE EXTERIOR SIDE, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263
  - ONE LAYER OF  $\frac{5}{8}$ " TYPE X GYPSUM SHEATHING APPLIED BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE OF FLOOR PROJECTION.
  - THE EXTERIOR PORTION A 1- HOUR FIRE RESISTIVE EXTERIOR ASSEMBLY, APPLIED TO THE UNDERSIDE OF THE RAFTER TAILS OR SOFFIT, INCLUDING ASSEMBLES USING THE GYPSUM PANEL AND SHEATHING PRODUCTS LISTED IN THE GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL
  - BOXED-IN ROOF EAVE SOFFIT ASSEMBLIES WITH A HORIZONTAL UNDERSIDE THAT MEET THE PERFORMANCE CRITERIA IN SECTION 707A.11 WHEN TESTED IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN ASTM E2957
  - BOXED-IN ROOF EAVE SOFFIT ASSEMBLIES WITH A HORIZONTAL UNDERSIDE THAT MEET THE PERFORMANCE CRITERIA IN SECTION 707A.11 WHEN TESTED IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN SFM STANDARD 12-7A-3

EXCEPTION TO SECTION 707A.6: THE FOLLOWING MATERIALS DO NOT REQUIRE PROTECTION:FASCIA AND OTHER ARCHITECTURAL TRIM BOARDS

- 707A.7 EXTERIOR PORCH CEILINGS. THE EXPOSED UNDERSIDE OF THE EXTERIOR PORCH CEILINGS SHALL BE PROTECTED BY ONE OF THE FOLLOWING:
  - NON COMBUSTIBLE MATERIAL
  - IGNITION- RESISTANT MATERIAL. THE IGNITION-RESISTANT MATERIAL SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 704A.2
  - FIRE-RETARDANT-TREATED-WOOD. THE FIRE-RETARDANT TREATED WOOD SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 2303.2
  - MATERIALS APPROVED FOR NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION ON THE EXTERIOR SIDE, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263
  - ONE LAYER OF  $\frac{5}{8}$ " TYPE X GYPSUM SHEATHING APPLIED BEHIND THE EXTERIOR COVERING OR CLADDING ON THE UNDERSIDE OF THE RAFTER TAILS OR SOFFIT.
  - THE EXTERIOR PORTION A 1- HOUR FIRE RESISTIVE EXTERIOR ASSEMBLY, AS TESTED IN ACCORDANCE WITH ASTM E119, APPLIED TO THE UNDERSIDE OF THE CEILING ASSEMBLY, INCLUDING ASSEMBLES USING THE GYPSUM PANEL AND SHEATHING PRODUCTS LISTED IN THE GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL
  - PORCH CEILING ASSEMBLIES WITH A HORIZONTAL UNDERSIDE THAT MEET THE PERFORMANCE CRITERIA IN SECTION 707A.11 WHEN TESTED IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN SFM STANDARD 12-7A-3
  - PORCH CEILING ASSEMBLIES WITH A HORIZONTAL UNDERSIDE THAT MEET THE PERFORMANCE CRITERIA IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN SFM STANDARD 12-7A-3

EXCEPTION TO SECTION 707A.7: ARCHITECTURAL TRIM BOARDS DO NOT REQUIRE PROTECTION

- 707A.8 FLOOR PROJECTIONS. THE EXPOSED UNDERSIDE OF A CANTILEVER FLOOR PROJECTION WHERE A FLOOR ASSEMBLY EXTENDS OVER AN EXTERIOR WALL SHALL BE PROTECTED BY ON OF THE FOLLOWING:
  - NONCOMBUSTIBLE MATERIAL
  - IGNITION- RESISTANT MATERIAL. THE IGNITION-RESISTANT MATERIAL SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 704A.2
  - FIRE-RETARDANT-TREATED-WOOD. THE FIRE-RETARDANT TREATED WOOD SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 2303.2
  - MATERIALS APPROVED FOR NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION ON THE EXTERIOR SIDE, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263
  - ONE LAYER OF  $\frac{5}{8}$ " TYPE X GYPSUM SHEATHING APPLIED BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE EXTERIOR OF THE ROOF DECK.
  - THE EXTERIOR PORTION A 1- HOUR FIRE RESISTIVE EXTERIOR ASSEMBLY, APPLIES AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, APPLIED TO THE UNDERSIDE OF THE CEILING ASSEMBLY, INCLUDING ASSEMBLES USING THE GYPSUM PANEL AND SHEATHING PRODUCTS LISTED IN THE GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL
  - THE UNDERSIDE OF A FLOOR PROJECTIONS ASSEMBLY THAT MEETS THE PERFORMANCE CRITERIA IN SECTION 707A.10 WHEN TESTED IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN SFM STANDARD 12-7A-2
  - THE UNDERSIDE OF A FLOOR PROJECTIONS ASSEMBLY THAT MEETS THE PERFORMANCE CRITERIA IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN THE SFM STD 12-7A-3.

EXCEPTION TO SECTION 707A.8: ARCHITECTURAL TRIM BOARDS DO NOT REQUIRE PROTECTION

- 707A.9 UNDERFLOOR PROTECTION. THE UNDERFLOOR AREA OF ELEVATED OR OVERHANGING BUILDINGS SHALL BE ENCLOSED TO GRADE IN ACCORDANCE WITH THE REQUIREMENTS OF THIS CHAPTER OR THE UNDERSIDE OF THE EXPOSED UNDERFLOOR SHALL BE PROTECTED BY ONE OR MORE OF THE FOLLOWING:
  - NONCOMBUSTIBLE MATERIAL
  - IGNITION- RESISTANT MATERIAL. THE IGNITION-RESISTANT MATERIAL SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 704A.2
  - FIRE-RETARDANT-TREATED-WOOD. THE FIRE-RETARDANT TREATED WOOD SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 2303.2
  - MATERIALS APPROVED FOR NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION ON THE EXTERIOR SIDE, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263
  - ONE LAYER OF  $\frac{5}{8}$ " TYPE X GYPSUM SHEATHING APPLIED BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE OF THE FLOOR PROJECTION
  - THE EXTERIOR PORTION A 1- HOUR FIRE RESISTIVE EXTERIOR ASSEMBLY, APPLIED TO THE UNDERSIDE OF THE RAFTER TAILS OR SOFFIT, INCLUDING ASSEMBLES USING THE GYPSUM PANEL AND SHEATHING PRODUCTS LISTED IN THE GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL
  - THE UNDERSIDE OF A FLOOR ASSEMBLY THAT MEETS THE PERFORMANCE CRITERIA IN SECTION 707A.11 WHEN TESTED IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN ASTM E2957
  - THE UNDERSIDE OF A FLOOR ASSEMBLY THAT MEETS THE PERFORMANCE CRITERIA IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN SFM STANDARD 12-7A-3.

EXCEPTION TO SECTION 707A.9: STRUCTURAL COLUMNS AND BEAMS DO NOT REQUIRE PROTECTION WHEN CONSTRUCTED WITH SAWN LUMBER OR GLUE-LAMINATED WOOD WITH THE SMALLEST MINIMUM NOMINAL DIMENSION OF 4 INCHES. SAWN OR GLUE-LAMINATED PLANKS SHALL BE SPLINED, TONGUE-AND-GROOVE, OR SET CLOSE TOGETHER AND WELL SPIKED.

- 707A.10 UNDERSIDE OF APPENDAGES. WHEN REQUIRED BY THE ENFORCING AGENCY THE UNDERSIDE OF OVERHANGING APPENDAGES SHALL BE ENCLOSED TO GRADE IN ACCORDANCE WITH THE REQUIREMENTS OF THIS CHAPTER OR THE UNDERSIDE OF THE EXPOSED UNDER FLOOR SHALL CONSIST OF ONE OF THE FOLLOWING:
  - NONCOMBUSTIBLE MATERIAL
  - IGNITION- RESISTANT MATERIAL. THE IGNITION-RESISTANT MATERIAL SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 704A.2
  - FIRE-RETARDANT-TREATED-WOOD. THE FIRE-RETARDANT TREATED WOOD SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 2303.2
  - MATERIALS APPROVED FOR NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION ON THE EXTERIOR SIDE, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263
  - ONE LAYER OF  $\frac{5}{8}$ " TYPE X GYPSUM SHEATHING APPLIED BEHIND THE EXTERIOR COVERING ON THE UNDERSIDE OF THE APPENDAGE PROJECTION
  - THE EXTERIOR PORTION A 1- HOUR FIRE RESISTIVE EXTERIOR ASSEMBLY, AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, APPLIED TO THE UNDERSIDE OF THE APPENDAGE, INCLUDING ASSEMBLES USING THE GYPSUM PANEL AND SHEATHING PRODUCTS LISTED IN THE GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL
  - THE UNDERSIDE OF AN APPENDAGE ASSEMBLY THAT MEETS THE PERFORMANCE CRITERIA IN SECTION 707A.11 WHEN TESTED IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN SFM STANDARD 12-7A-3.
  - THE UNDERSIDE OF AN APPENDAGE ASSEMBLY THAT MEETS THE PERFORMANCE CRITERIA IN ACCORDANCE WITH THE TEST PROCEDURES SET FORTH IN SFM STANDARD 12-7A-3.

EXCEPTION TO SECTION 707A.10: STRUCTURAL COLUMNS AND BEAMS DO NOT REQUIRE PROTECTION WHEN CONSTRUCTED WITH SAWN LUMBER OR GLUE-LAMINATED WOOD WITH THE SMALLEST MINIMUM NOMINAL DIMENSION OF 4 INCHES. SAWN OR GLUE-LAMINATED PLANKS SHALL BE SPLINED, TONGUE-AND-GROOVE, OR SET CLOSE TOGETHER AND WELL SPIKED

- 708A.2 EXTERIOR GLAZING. THE FOLLOWING EXTERIOR GLAZING MATERIALS AND/OR ASSEMBLIES SHALL COMPLY WITH THIS SECTION:
  - EXTERIOR WINDOWS
  - EXTERIOR GLAZED DOORS
  - GLAZED OPENINGS WITHIN EXTERIOR DOORS
  - GLAZED OPENINGS WITHIN EXTERIOR GARAGE DOORS
  - EXTERIOR STRUCTURAL GLASS VENEERS
  - SKYLIGHTS
  - VENTS
- 708A.2.1 EXTERIOR WINDOWS AND EXTERIOR GLAZED DOOR ASSEMBLY REQUIREMENTS:
  - BE CONSTRUCTED OF MULTI-PANE GLAZING WITH A MINIMUM OF ONE TEMPERED PANE MEETING THE REQUIREMENTS OF SECTION 2406 SAFETY GLAZING, OR
  - BE CONSTRUCTED OF GLASS BLOCK UNITS, OR
  - HAVE A FIRE-RESISTANT RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED IN ACCORDANCE TO NFPA 257, OR
  - BE TESTED TO MEET THE PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-2.
- 708A.3 EXTERIOR DOORS. EXTERIOR DOORS SHALL COMPLY WITH ONE OF THE FOLLOWING:
  - THE EXTERIOR SURFACE OR CLADDING SHALL BE OF NON-COMBUSTIBLE OR IGNITION-RESISTANT MATERIAL
  - THE EXTERIOR SURFACE OR CLADDING SHALL BE IGNITION RESISTANT MATERIAL
  - TEH EXTERIOR DOOR SHALL BE CONSTRUCTED OF SOLID CORE WOOD THAT COMPLY WITH THE FOLLOWING REQUIREMENTS:
    - STILES AND RAILS SHALL NOT BE LESS THAN 1-3/8" THICK.
    - RAISED PANELS SHALL NOT BE LESS THAN 1-1/4" THICK. EXCEPT FOR THE EXTERIOR PERIMETER OF THE PANEL THAT SHALL BE PERMITTED TO TAPER TO A TONGUE NOT LESS THAN  $\frac{3}{8}$ " THICK.
    - THE EXTERIOR DOOR SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO THE NFPA 252.
    - THE EXTERIOR SURFACE OR CLADDING SHALL BE TESTED TO MEET THE PERFORMANCE IN SECTION 707A.3.1 WHEN TESTED IN ACCORDANCE WITH ASTM E2707.
    - THE EXTERIOR SURFACE OR CLADDING SHALL BE TESTED TO MEET THE PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-1.
- 708A.3.1 EXTERIOR DOOR GLAZING. GLAZING IN EXTERIOR DOORS SHALL COMPLY WITH SECTION 708A2.1.

- R337.8.4 GARAGE DOOR PERIMETER GAP MAXIMUM 1/8". METAL FLASHING, JAMB AND HEADER OVERLAP, AND WEATHER-STRIPPING MEETING SECTION REQUIREMENTS ARE PERMITTED. (R337.8.4)
- R337.9.2 THE WALKING SURFACE MATERIAL OF DECKS, PORCHES, BALCONIES AND STAIRS WITHIN 10FT OF BUILDING SHALL BE IGNITION RESISTANT MATERIAL. EXTERIOR FIRE-RETARDANT TREATED WOOD OR NONCOMBUSTIBLE MATERIAL. SEE CODE SECTION CRC R337.9.2

FIRE SPRINKLER NOTES

- IF FIRE SPRINKLERS ARE REQUIRED AT PROPOSED DWELLING OR ADU THEN THE FOLLOWING NOTES APPLY.
- AUTOMATIC FIRE SPRINKLER SYSTEM - AN AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED AS PER NFPA 13D THE MOST CURRENT EDITION. DETAILED SPRINKLER PLANS SHALL BE SUBMITTED TO THE FIRE PREVENTION BUREAU AND APPROVED PRIOR TO INSTALLATION. PLANS AND INSTALLATION MUST BE BY A C16 LICENSED SPRINKLER CONTRACTOR.
- SECTION R313.2.1 AN AUTOMATIC SPRINKLER SYSTEM DESIGNED AND INSTALLED IN ACCORDANCE WITH SECTION R313.3 OR NFPA-13D.

OSFM LISTED WILDLAND URBAN INTERFACE (WUI) PRODUCTS AND ASSEMBLIES

THIS IS NOT AN ALL-INCLUDING LIST. FOR ADDITIONAL/ ALTERNATIVE WUI SFM APPROVED PRODUCTS,VISIT:  
<https://osfm.fire.ca.gov/media/2s4jeyr/2023-sfm-wui-listed-products-handbook-8-7-23.pdf>

ROOF  
Non-Wood Roof Covering/Assemblies for WUI (ASTM E 108, SFM Listing Category 8180)

**LISTING No.** 8180-2299:0501  
**CATEGORY:** 8180 – NON-WOOD ROOF COVERING/ASSEMBLIES FOR WILDLAND URBAN INTERFACE (W.U.I)  
**LISTEE:** Metal Sales Manufacturing Corporation  
545 South 3rd Street, Suite 200, Louisville, KY 40202  
Contact: David Stermer (502) 855-4342 Fax (502) 855-4242  
Email: dstermer@metalsales.us.com  
Metal Sales Image II™ 16" wide 26 GA Standing Seam Metal Roof System  
**Deck:** 5/12 Slope  
Nominal 7/16" OSB sheathing. Max. 1/8" gap in all joints fastened with 2" nails, 8" OC spacing. Nominal 1/2" Densdeck installed per manufacturer's instructions for joints (staggered from sheathing) fastened with 8 -2" nails per 4'x8' sheet.  
**Underlayment:** Titanium UDL 30® stapled to face with 3" overlap.  
**Roof Covering:** Metal Sales Image II™ 16" wide 26 GA Standing Seam Metal Roof System with rib/joint placed 6" from OSB joint fastened with #10-12 (1") pancake head wood screws in the nail strip. Refer to listee's data sheet for additional detailed product description.  
**RATING:** Class A

VENTS  
(ASTM E 2886/2886M, E 2912, SFM Listing Category 8165)

**LISTING No.** 8165-2192:0500  
**CATEGORY:** 8165 – VENTS FOR WILDLAND URBAN INTERFACE (W.U.I.)  
**LISTEE:** Vulcan Technologies8 Commercial Blvd, Suite E, Novato, CA 94949  
Contact: Larry Dumm (916) 626-2400 Fax (916) 647-0477  
Email: Larry@newcalmetals.com  
**DESIGN:** Models VER2, VER2M, VER3, VER3M, VER4, VER4M, and VER6M Vulcan Eave Round Vents. Products are in sizes 2", 3", 4", or 6" diameter opening with a 1/4" flange, and a depth of 3/4". The vents are manufactured out of 0.020" aluminum incorporating a 5mm hexagonal aluminum matrix core made of 0.05mm aluminum foil with an intumescent coating underneath the louver cap. Models with "M" contain a stainless steel, type 304 venv, 1/16" opening mesh screen, installed between the louvers and the honeycomb core. Refer to manufacturer's installation instructions and product data sheets.  
**RATING:** Tested in accordance with ASTM E2886

UNDER EAVE  
(SFM Standard 12-7A-3, SFM Listing Category 8160)

**LISTING No.** 8160-2026:0006  
**CATEGORY:** 8160 – UNDER EAVE FOR WILDLAND URBAN INTERFACE (W.U.I)  
**LISTEE:** JAMES HARDIE BUILDING PRODUCTS, INC.  
10901 Elm Avenue, Fontana, CA 92337  
Contact: Rathisha Sabaratnam (909) 641-0498 Fax (909) 427-0634  
Email: rathisha.sabaratanam@hresearchusa.com  
**DESIGN:** "CemSoffit®" un-vented, fiber-cement soffit, 3/16" thick and 1/4" thick, under eave material. Refer to the manufacturer's installation instructions and product data sheets.  
**RATING:** Noncombustible

EXTERIOR WALL SIDING  
(SFM Standard 12-7A-1, SFM Listing Category 8140)

**CATEGORY:** 8140 – EXTERIOR WALL SIDING AND SHEATHING FOR WILDLAND URBAN INTERFACE (W.U.I)  
JAMES HARDIE BUILDING PRODUCTS, INC.  
10901 Elm Avenue, Fontana, CA 92337  
Contact: Rathisha Sabaratnam (909) 641-0498 Fax (909) 427-0634  
Email: rathisha.sabaratanam@hresearchusa.com

**LISTING No.** 8140-2026:0001  
**DESIGN:** "Artisan®" lap siding, fiber-cement, 5/8" thick. Refer to the manufacturer's installation instructions and product data sheets.

BY USING THESE PERMIT READY CONSTRUCTION DOCUMENTS, THE RECIPIENT ACKNOWLEDGES, ACCEPTS AND VOLUNTARILY AFFIRMS THE FOLLOWING CONDITIONS:  
1. THE USE OF THIS INFORMATION IS RESTRICTED TO THE ORIGINAL PROJECT FOR WHICH IT WAS PREPARED FOR THE PERMIT READY ACCESSORY DWELLING UNIT (ADU) PROGRAM FOR THE COUNTY OF INYO ONLY. THIS IS A LIMITED SET OF STANDARDIZED ADU PLANS AND SPECIFICATIONS APPROVED BY THE COUNTY OF INYO BUILDING DEPARTMENT. BUILDING CODES DO CHANGE OVER TIME AND RECIPIENT SHALL ENSURE FULL COMPLIANCE UNDER ALL CODES THEN IN EFFECT AT THE TIME OF THE SUBJECT PERMIT. THIS DOES NOT ELIMINATE OR REDUCE THE RECIPIENT'S RESPONSIBILITY TO VERIFY ANY AND ALL INFORMATION RELEVANT TO THE RECIPIENT'S WORK AND RESPONSIBILITY ON THIS PROJECT. DESIGN PATH STUDIO SHALL NOT BE RESPONSIBLE FOR TRANSLATION ERRORS; DO NOT USE THESE CONSTRUCTION DOCUMENTS IF THE PERMIT HAS EXPIRED OR IS REVOKED AT ALL.  
2. THE RECIPIENT RECOGNIZES AND ACKNOWLEDGES THAT THE USE OF THIS INFORMATION WILL BE AT THEIR SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL RECOURSE TO DESIGN PATH STUDIO. NO WARRANTIES OF ANY NATURE, WHETHER EXPRESS OR IMPLIED, SHALL ATTACH TO THESE DOCUMENTS AND THE INFORMATION CONTAINED THEREON. ANY USE, REUSE, OR ALTERATION OF THESE DOCUMENTS BY THE RECIPIENT OR BY OTHERS WILL BE AT THE RECIPIENT'S RISK AND FULL LEGAL RESPONSIBILITY. FURTHERMORE, THE RECIPIENT WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, DEFEND, INDEMNIFY AND HOLD DESIGN PATH STUDIO AND ITS ARCHITECTS HARMLESS FROM ANY AND ALL CLAIMS, SUITS, LIABILITY, DEMANDS, JUDGMENTS, OR COSTS ARISING OUT OF OR RESULTING THERE FROM ANY USE OF THESE CONSTRUCTION DOCUMENTS FOR OR ON ACCOUNT OF ANY INJURY, DEATH, DAMAGE OR LOSS TO PERSONS OR PROPERTY, DIRECT OR CONSEQUENTIAL DAMAGES IN ANY AMOUNT. THIS INDEMNITY DOES NOT APPLY TO THE SOLE NEGLIGENCE OR WILLFUL MISCONDUCT OF DESIGN PATH STUDIO OR ITS ARCHITECTS.  
3. THE DESIGNS REPRESENTED BY THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION.  
4. IF THE RECIPIENT DOES NOT AGREE WITH THE ABOVE CONDITIONS, DO NOT PROCEED WITH CONSTRUCTION OF AN ADU OR OTHER IMPROVEMENT UNDER THESE PLANS AT ALL.

<p style="text-align: center; font-weight: bold;">GENERAL NOTES</p> <p>1. THE ENTIRE ROOF COVERING OF EVERY NEW STRUCTURE SHALL BE A MINIMUM CLASS "A" ROOF COVERING.</p> <p>2. (EXISTING) ANY ROOF COVERING MATERIAL APPLIED IN THE ALTERATION, REPAIR OR REPLACEMENT OF THE ROOF OF THE EXISTING STRUCTURE SHALL BE A MINIMUM OF A CLASS "A" ROOF COVERING. THE ENTIRE ROOF COVERING OF EVERY EXISTING STRUCTURE WHERE MORE THAN 50 PERCENT OF THE TOTAL ROOF AREA IS REPLACED WITHIN A ONE-YEAR PERIOD SHALL BE A MINIMUM OF A CLASS "A" ROOF COVERING.</p> <p>3. ONE EXTERIOR APPROVED AUDIBLE SPRINKLER WATER FLOW ALARM DEVICE SHALL BE CONNECTED TO EVERY AUTOMATIC FIRE SPRINKLER SYSTEM IN AN APPROVED LOCATION. SUCH DEVICE SHALL BE ACTIVATED BY WATER FLOW EQUIVALENT TO THE FLOW OF A SINGLE SPRINKLER OF THE SMALLEST ORIFICE SIZE INSTALLED IN THE SYSTEM.</p> <p>4. FOR THE PURPOSES OF ENFORCING THE PROVISIONS OF THE CALIFORNIA FIRE CODE, CALIFORNIA BUILDING CODE, AND THE CALIFORNIA RESIDENTIAL BUILDING CODE, ANY WORK, ADDITION TO, REMODEL, REPAIR, RENOVATION, OR ALTERATION OF ANY BUILDING(S) OR STRUCTURE(S) SHALL BE CONSIDERED "NEW CONSTRUCTION" WHEN 50 PERCENT OR MORE OF THE EXTERIOR WEIGHT BEARING WALLS ARE REMOVED OR DEMOLISHED.</p> <p>5. (SLOPES) BERMS, SWALES OR OTHER DEVICES SHALL BE PROVIDED AT THE TOP OF CUT OR FILL SLOPES TO PREVENT SURFACE WATERS FROM OVERFLOWING ONTO AND DAMAGING THE FACE OF THE SLOPE. GUTTERS OR OTHER SPECIAL DRAINAGE CONTROLS SHALL BE PROVIDED WHERE THE PROXIMITY OF RUNOFF FROM BUILDINGS OR OTHER STRUCTURES IS SUCH AS TO POSE A POTENTIAL HAZARD TO SLOPE INTEGRITY.</p> <p>6. BUILDINGS OF AN ACCESSORY CHARACTER CLASSIFIED AS GROUP U OCCUPANCY AND NOT EXCEEDING 120 SQUARE FEET IN FLOOR AREA, WHEN LOCATED AT LEAST 50 FEET FROM AN APPLICABLE BUILDING (AS WRITTEN IN CURRENT CODE).</p> <p>7. BUILDINGS OF AN ACCESSORY CHARACTER CLASSIFIED AS GROUP U OCCUPANCY EXCEEDING 120 SQUARE FEET IN SIZE, BASED ON THE EXTERIOR MEASUREMENTS OF THE STRUCTURE, SHALL COMPLY WITH SECTION R337 AND WILDLAND URBAN INTERFACE REQUIREMENTS.</p> <p>8. ROOF GUTTERS OF A NON-COMBUSTIBLE MATERIAL SHALL BE PROVIDED WITH MEANS OF PREVENTING ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER.</p> <p>9. DEFENSIBLE SPACE/HAZARDOUS FUELS REDUCTION REQUIREMENTS MAINTAIN IMMEDIATELY AROUND AND ADJACENT TO ANY BUILDING OR STRUCTURE FREE OF COMBUSTIBLE MATERIALS SUCH AS FIREWOOD, LUMBER AND RUBBISH. COMBUSTIBLE MATERIALS SHALL NOT BE STORED UNDER DECKS AND THE AREA UNDER DECKS SHALL BE MAINTAINED TO BE FREE OF VEGETATIVE MATERIAL. DECKS OR PORCHES FOUR (4) FEET OR LESS ABOVE THE GRADE SHALL BE FULLY ENCLOSED TO REDUCE THE ACCUMULATION OF DEBRIS WITH NONCOMBUSTIBLE WALL MATERIAL. NONCOMBUSTIBLE, CORROSION-RESISTANT MESH MATERIAL WITH OPENINGS NOT TO EXCEED 1/8" INCH MAY BE USED. FENCING MATERIAL CONSTRUCTED OF COMBUSTIBLE MATERIAL MUST REMAIN 5 FEET AWAY FROM ANY BUILDING OR STRUCTURE. ONLY NONCOMBUSTIBLE MATERIAL SHALL BE ALLOWED WITHIN FIVE (5) FEET OF ANY BUILDING OR STRUCTURE. NO VEGETATION SHALL EXIST WITHIN OR OVERHANG WITHIN 5 FT OF THE STRUCTURE. ANY OVERHANGING LIMBS OR BRANCHES SHALL BE REMOVED. ALL EXTERIOR WALLS SHALL HAVE A SIX-INCH NONCOMBUSTIBLE VERTICAL CLEARANCE FROM GRADE. ALL UNATTACHED ACCESSORY STRUCTURES AND OUTBUILDINGS SHALL BE A MINIMUM OF TEN (10) FEET AWAY FROM THE PRIMARY DWELLING. CLEAN ROOFS AND GUTTERS OF DEAD LEAVES, DEBRIS AND PINE NEEDLES. IN ADDITION TO THE MANAGEMENT OF COMBUSTIBLE MATERIAL AROUND A STRUCTURE OR BUILDING THE FOLLOWING SHALL BE ACCOMPLISHED: 1) REPLACE OR REPAIR ANY LOOSE OR MISSING SHINGLES OR ROOF TILES TO PREVENT EMBER PENETRATION. 2) PROVIDE AND MAINTAIN A SCREEN OVER THE OUTLET OF EVERY CHIMNEY OR STOVEPIPE THAT IS ATTACHED TO ANY FIREPLACE, STOVE, OR OTHER DEVICE THAT BURNS ANY SOLID OR LIQUID FUEL. THE SCREEN SHALL BE CONSTRUCTED OF NONFLAMMABLE MATERIAL WITH OPENINGS OF NOT MORE THAN 1/2 INCH.</p>

<p style="text-align: center; font-weight: bold;">WILDLAND URBAN INTERFACE (WUI) NOTES</p> <p>1. EXTERIOR WALL COVERINGS SHALL BE NONCOMBUSTIBLE, IGNITION RESISTANT, HEAVY TIMBER, LOG WALL OR FIRE RESISTIVE CONSTRUCTION. (CRC R337.7)</p> <p>2. EXTERIOR WALL COVERINGS SHALL EXTEND FROM THE FOUNDATION TO THE ROOF AND TERMINATE AT 2-INCH NOMINAL SOLID BLOCKING BETWEEN RAFTERS AND OVERHANGS. (CRC R337.7.3.1)</p> <p>3. OPEN/ENCLOSED ROOF EAVES AND SOFFITS, EXTERIOR PORCH CEILINGS, FLOOR PROJECTIONS, UNDER-FLOOR AREAS AND UNDERSIDES OF APPENDAGES TO COMPLY WITH IGNITION RESISTANT CONSTRUCTION REQUIREMENTS. (CRC R337.5-9)</p> <p>4. SPACES CREATED BETWEEN ROOF COVERINGS AND ROOF DECKING SHALL BE FIRE STOPPED BY APPROVED MATERIALS OR HAVE ONE LAYER OF MINIMUM 72LB MINERAL SURFACED NON-PERFORATED CAP SHEET COMPLYING WITH ASTM D 3909. (CRC R337.5.2)</p> <p>5. INDICATE ON THE PLANS WHERE VALLEY FLASHING IS INSTALLED, THE FLASHING SHALL BE NOT LESS THAN 26AWG AND INSTALLED OVER NOT LESS THAN ONE LAYER OF MINIMUM 72LB MINERAL SURFACED NON-PERFORATED CAP SHEET COMPLYING WITH ASTM D 3909 AND AT LEAST 36 INCHES WIDE RUNNING THE FULL LENGTH. (CRC R337.5.3)</p> <p>6. ALL VENTILATION OPENINGS FOR ENCLOSED ATTICS, ENCLOSED EAVE SOFFIT SPACES, ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS, AND UNDERFLOOR VENTILATION OPENINGS SHALL BE FULLY COVERED WITH WILDLAND FLAME AND EMBER RESISTANT (WUI) VENTS APPROVED AND LISTED BY THE CALIFORNIA STATE FIRE MARSHAL, OR WUI VENTS LISTED TO ASTM E2886. (CRC R337.6)</p> <p>7. INDICATE ON PLANS EXTERIOR GLAZING SHALL HAVE A MINIMUM OF ONE-TEMPERED PANE, GLASS BLOCK, HAVE A FIRE RESISTIVE RATING OF 20 MINUTES OR BE TESTED TO MEET PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-2. (CRC R337.8.2.1)</p> <p>8. OPERABLE SKYLIGHTS SHALL BE PROTECTED BY A NONCOMBUSTIBLE MESH SCREEN 1/8" MAX OPENINGS (R337.8.2.2)</p> <p>9. EXTERIOR DOORS INCLUDING GARAGE DOORS SHALL BE NONCOMBUSTIBLE, IGNITION RESISTANT MATERIAL, MINIMUM 1 3/8 INCH SOLID CORE, MINIMUM 20 MINUTE FIRE RESISTIVE RATING OR SHALL BE TESTED TO MEET THE PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-1. (CRC R337.8.3)</p> <p>10. GARAGE DOOR PERIMETER GAP MAXIMUM 1/8". METAL FLASHING, JAMB AND HEADER OVERLAP, AND WEATHER-STRIPPING MEETING SECTION REQUIREMENTS ARE PERMITTED. (R337.8.4)</p> <p>11. THE WALKING SURFACE MATERIAL OF DECKS, PORCHES, BALCONIES AND STAIRS WITHIN 10FT OF GRADE LEVEL SHALL BE IGNITION RESISTANT MATERIAL, EXTERIOR FIRE-RETARDANT TREATED WOOD OR NONCOMBUSTIBLE MATERIAL. (CRC R337.9.2)</p> <p>12. ROOF GUTTERS SHALL COMPLY WITH 2022 CRC R337.5.4. ROOF GUTTERS SHALL BE PROVIDE WITH THE MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER</p>
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<p>BY USING THESE PERMIT READY CONSTRUCTION DOCUMENTS, THE RECIPIENT ACKNOWLEDGES, ACCEPTS AND VOLUNTARILY AFFIRMS THE FOLLOWING CONDITIONS:</p> <p>1. THE USE OF THIS INFORMATION IS RESTRICTED TO THE ORIGINAL PROJECT FOR WHICH IT WAS PREPARED FOR THE PERMIT READY ACCESSORY DWELLING UNIT (ADU) PROGRAM FOR THE COUNTY OF INYO ONLY. THIS IS A LIMITED SET OF STANDARDIZED ADU PLANS AND SPECIFICATIONS APPROVED BY THE COUNTY OF INYO BUILDING DEPARTMENT. BUILDING CODES DO CHANGE OVER TIME AND RECIPIENT SHALL ENSURE FULL COMPLIANCE UNDER ALL CODES THEN IN EFFECT AT THE TIME OF THE SUBJECT PERMIT. THIS DOES NOT ELIMINATE OR REDUCE THE RECIPIENT'S RESPONSIBILITY TO VERIFY ANY AND ALL INFORMATION RELEVANT TO THE RECIPIENT'S WORK AND RESPONSIBILITY ON THIS PROJECT. DESIGN PATH STUDIO SHALL NOT BE RESPONSIBLE FOR TRANSLATION ERRORS; DO NOT USE THESE CONSTRUCTION DOCUMENTS IF THE PERMIT HAS EXPIRED OR IS REVOKED AT ALL.</p> <p>2. THE RECIPIENT RECOGNIZES AND ACKNOWLEDGES THAT THE USE OF THIS INFORMATION WILL BE AT THEIR SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL EXPOSURE TO DESIGN PATH STUDIO. NO WARRANTIES OF ANY NATURE, WHETHER EXPRESS OR IMPLIED, SHALL ATTACH TO THESE DOCUMENTS AND THE INFORMATION CONTAINED THEREON. ANY USE, REUSE, OR ALTERATION OF THESE DOCUMENTS BY THE RECIPIENT OR BY OTHERS WILL BE AT THE RECIPIENT'S RISK AND FULL LEGAL RESPONSIBILITY. FURTHERMORE, THE RECIPIENT WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, DEFEND, INDEMNIFY AND HOLD DESIGN PATH STUDIO AND ITS ARCHITECTS HARMLESS FROM ANY AND ALL CLAIMS, SUITS, LIABILITY, DEMANDS, JUDGMENTS, OR COSTS ARISING OUT OF OR RESULTING THERE FROM ANY USE OF THESE CONSTRUCTION DOCUMENTS FOR OR ON ACCOUNT OF ANY INJURY, DEATH, DAMAGE OR LOSS TO PERSONS OR PROPERTY, DIRECT OR CONSEQUENTIAL DAMAGES IN ANY AMOUNT. THIS INDEMNITY DOES NOT APPLY TO THE SOLE NEGLIGENCE OR WILLFUL MISCONDUCT OF DESIGN PATH STUDIO OR ITS ARCHITECTS.</p> <p>3. THE DESIGNS REPRESENTED BY THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION.</p> <p>4. IF THE RECIPIENT DOES NOT AGREE WITH THE ABOVE CONDITIONS, DO NOT PROCEED WITH CONSTRUCTION OF AN ADU OR OTHER IMPROVEMENT UNDER THESE PLANS AT ALL.</p>
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DESIGN PATH STUDIO

architecture + engineering + planning

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project

County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions

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description

General Notes

date 2024

project no. INYO COUNTY ADU/SFDS

drawn by DESIGN PATH STUDIO

sheet no. G0.4



WINDOW SCHEDULE									
WINDOW	WINDOW SIZE		OPER.	QNTY	FRAME	HEAD HEIGHT	LOCATION	REMARKS	VHFSZ NOTES SEE SHEET G0.3 (WHEN REQ'D)
	WIDTH	HEIGHT							
A	6'-0"	3'-0"	SINGLE HUNG	2	VINYL	6'-8"	BATHROOM/CLOSET	TEMPERED IN BATHROOM	NOTE 15 & 16
B	7'-0"	4'-0"	SLIDER	2	VINYL	6'-8"	BEDROOM WINDOWS/LIVING	NOTE 7	NOTE 15 & 16
C	4'-0"	3'-0"	CASEMENT	1	VINYL	6'-8"	BEDROOM WINDOW		NOTE 15 & 16
D	2'-4"	1'-6"	SLIDER	1	VINYL	6'-8"	BATHROOM		NOTE 15 & 16
E	4'-0"	4'-0"	SLIDER	4	VINYL	6'-8"	BATHROOM		NOTE 15 & 16

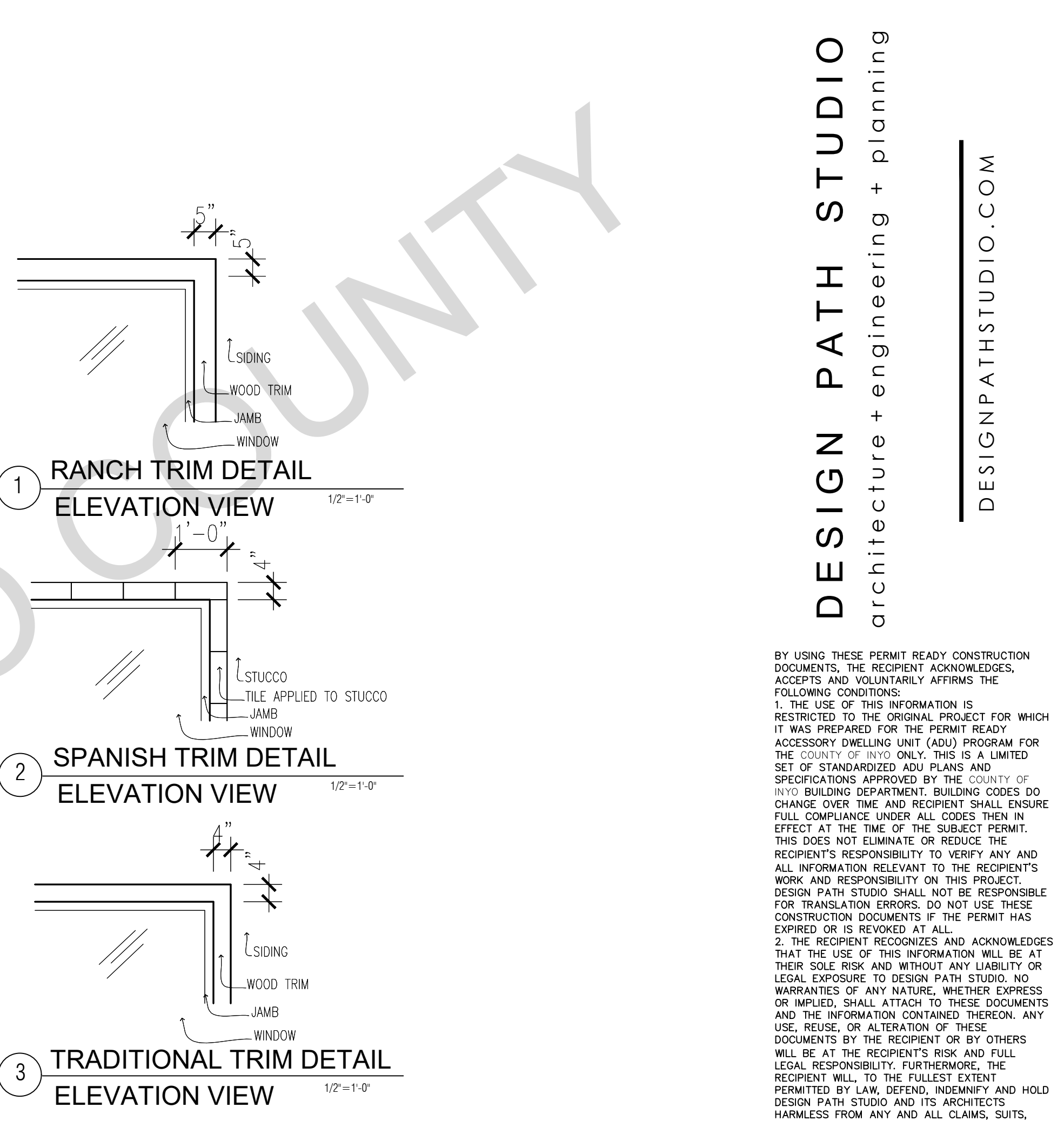
**WINDOW NOTES**

- SEE EXTERIOR ELEVATION FOR DIRECTION OF OPERATION OF WINDOWS (ALL OPERABLE WINDOWS TO HAVE SCREENS).
- ALL WINDOW DIMENSIONS PERTAIN TO ROUGH OPENINGS (R.O.), CONTRACTOR TO FIELD VERIFY ACTUAL DIMENSIONS FOR WINDOWS
- ALL GLAZING WILL BE INSTALLED WITH A CERTIFYING LABEL ATTACHED, SHOWING THE NFRC LABEL.
- ALL GLAZING SHALL BE SPECTRALLY SELECTIVE LOW E COATED TO MEET TITLE 24 ENERGY REQUIREMENTS.
- WINDOWS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER SECTION 116 E.E.S.D
- VENTILATION SHALL COMPLY WITH C.B.C. 1203.4 AND R303
- EVERY SLEEPING ROOM SHALL HAVE ONE OPERABLE WINDOW FOR EMERGENCY ESCAPE OR RESCUE WITH A MIN. NET CLEAR OPENABLE AREA OF 5.0 SQ. FT ON GRADE LEVEL FLOOR, 5.7 SQ. FT AT 2ND LEVEL FLOOR, MIN. NET CLEAR OPENABLE HEIGHT OF 24" MIN. NET CLEAR WIDTH OF 20" AND A FIN. SILL HEIGHT OF NOT MORE THAN 44" A.F.F. PER CRC SECTION 310.1.
- TEMPERED GLASS SHALL BE PERMANENTLY IDENTIFIED AND VISIBLE WHEN THE UNIT IS GLAZED.
- EVERY SPACE INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH NATURAL VENTILATION AND NATURAL LIGHT BY MEANS OF VENTILATION / ARTIFICIAL LIGHT. CBC SECTIONS 1203.4 AND 1205.1 AND R303
- THE MINIMUM NET GLAZED AREA FOR NATURAL LIGHT SHALL NOT BE LESS THAN 8% OF THE FLOOR AREA OF THE ROOM SERVED. CBC SECTION 1205.2
- THE MINIMUM OPENABLE AREA TO THE OUTDOORS FOR NATURAL VENTILATION SHALL BE 4% OF THE FLOOR AREA BEING VENTILATED. SECTION 1203.4
- EXTERIOR WINDOWS, WINDOW WALLS, GLAZED DOORS, AND GLAZED OPENINGS WITHIN EXTERIOR DOORS SHALL BE INSULATING-GLASS UNITS WITH A MINIMUM OF ONE TEMPERED PANE
- FIRE-RESISTANCE RATED GLAZING TESTED AS PART OF A FIRE-RESISTANCE-RATED WALL ASSEMBLY IN ACCORDANCE WITH ASTM E 119 OR UL 263 TO BE CONSTRUCTED PER NOTE #13
- THE FOLLOWING WINDOWS SHALL BE FULLY TEMPERED: (CRC R308.4)
  - SLIDING/SWINGING GLASS DOORS
  - GLAZING IN WALLS AND ENCLOSURES FACING HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND SWIMMING POOLS WHERE THE GLAZING IS LESS THAN 60 INCHES ABOVE THE STANDING SURFACE WITHIN THE COMPARTMENT AND WITHIN 60 INCHES HORIZONTALLY OF THE WATER'S EDGE (CRC R308.4.5)
  - GLAZING WITHIN A 24" ARC OF A DOOR THAT IS LESS THAN 60 INCHES ABOVE THE FLOOR. SAFETY GLAZING REQUIRED ON A WALL LESS THAN 180 DEGREES FROM THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN 24" OF HINGE SIDE OF AN IN-SWING DOOR. (R308.4.2)
  - GLAZING WHERE THE EXPOSED AREA IS GREATER THAN 950 SQ.FT. BOTTOM IS LESS THAN 18 IN. AND AT LEAST 36 IN. ABOVE THE FLOOR, AND ADJACENT TO A WALKING SURFACE WITHIN 60IN. OF THE BOTTOM TREAD OF A STAIRWAY AND LESS THAN 36IN. ABOVE THE LANDING
  - GLAZING IN GUARDS AND RAILINGS
- R337.8.2.1 EXTERIOR WINDOWS AND EXTERIOR GLAZED DOOR ASSEMBLY REQUIREMENTS:
  - BE CONSTRUCTED OF MULTI-PANE GLAZING WITH A MINIMUM OF ONE TEMPERED PANE MEETING THE REQUIREMENTS OF SECTION 2406 SAFETY GLAZING, OR
  - BE CONSTRUCTED OF GLASS BLOCK UNITS, OR
  - HAVE A FIRE-RESISTANT RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED IN ACCORDANCE TO NFPA 257, OR
  - BE TESTED TO MEET THE PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-2.

DOOR SCHEDULE												
DOOR	DOOR TYPE	DOOR SIZE			CORE	MATERIAL	FRAME	LOCATION	REMARKS	VHFSZ NOTES SEE SHEET G0.3 (WHEN REQ'D)		
		WIDTH	HEIGHT	THICK.								
1	FRENCH DOOR	5'-0"	6'-8"	1-3/4"	GL	VNL/GLASS	VINYL	FRENCH DRS WITH GLASS	TEMPERED	NOTE 15,16,17,18 & 19		
2	SINGLE DOOR	3'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BATHROOM #2 ENTRY				
3	POCKET DOOR	2'-6"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM #2 CLOSET				
4	SINGLE DOOR	3'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM #2 ENTRY				
5	SINGLE DOOR	2'-6"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM #3 ENTRY				
6	CLOSET DOOR	8'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM #3 CLOSET				
7	SINGLE DOOR	3'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BATHROOM #1 ENTRY				
8	DOUBLE DOOR	4'-8"	6'-8"	1-3/4"	SOLID	WOOD	WD	MECH. CLOSET DOOR		NOTE 15,16,17,18 & 19		
9	DOUBLE DOOR	4'-8"	6'-8"	1-3/4"	HLW	WOOD	WD	WASHER/DRYER ENTRY	LOUVERED			
10	SINGLE DOOR	2'-6"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM #1 ENTRY				
11	CLOSET DOOR	6'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM #1 CLOSET				

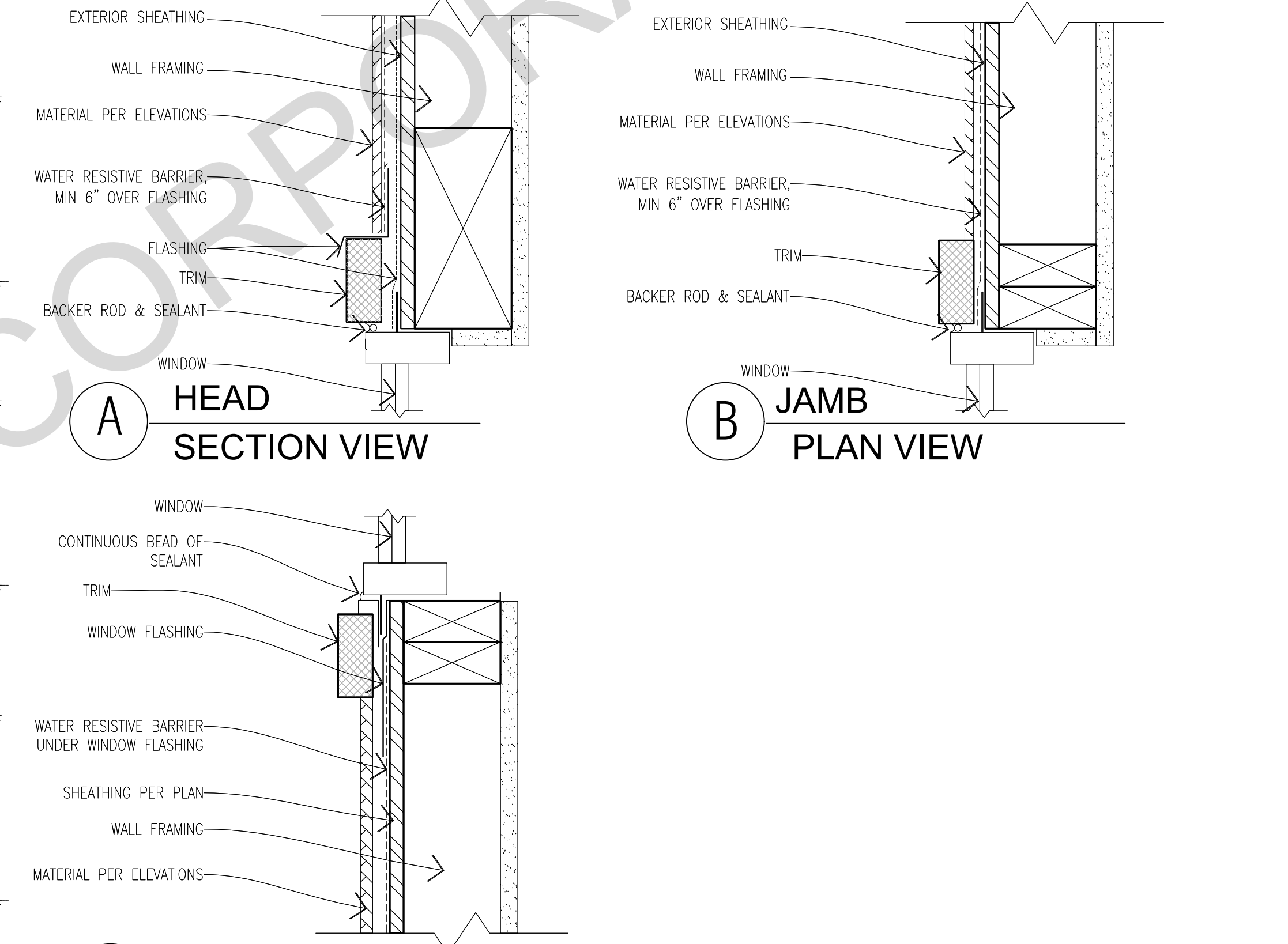
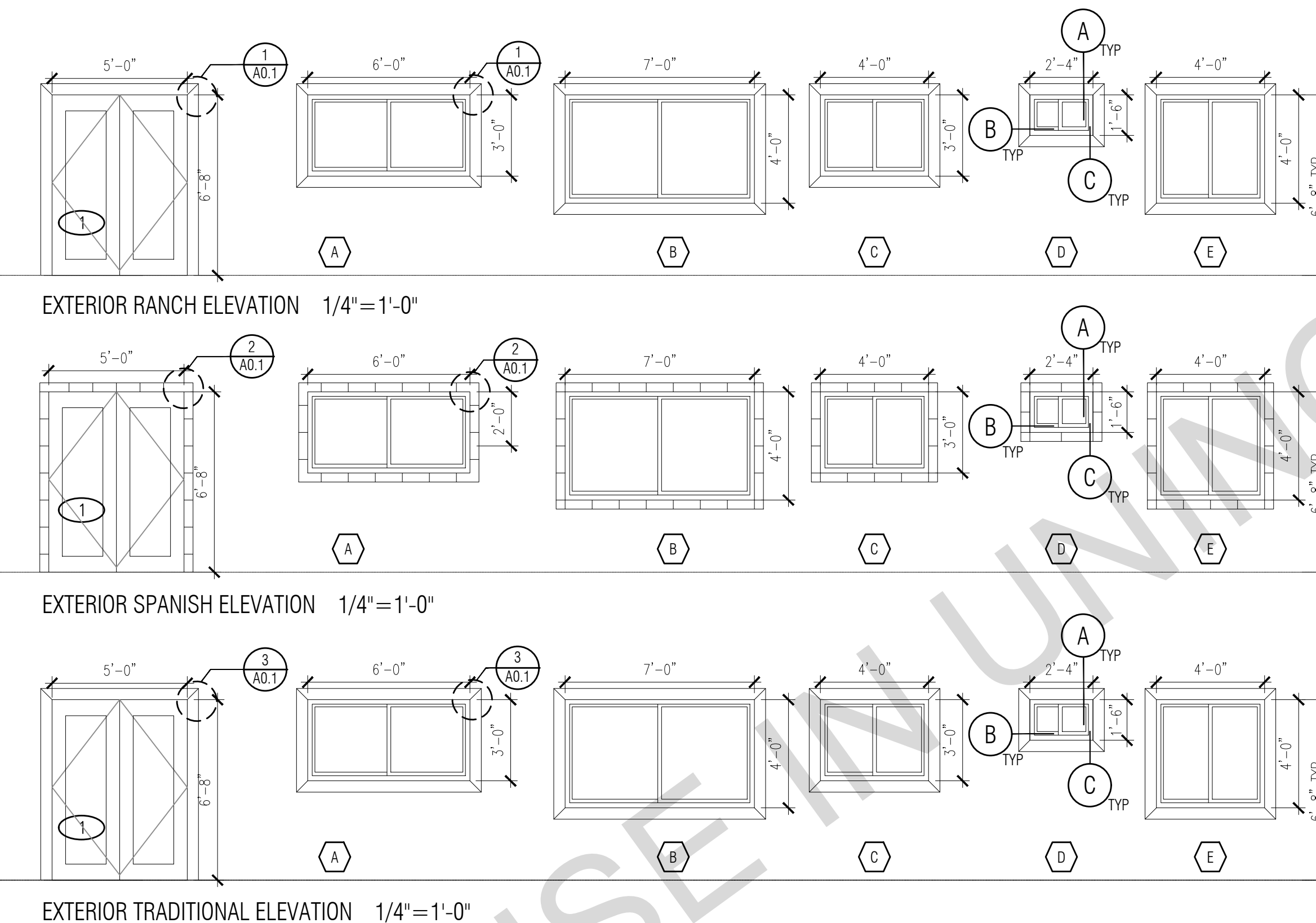
**DOOR NOTES**

- ALL GLASS IN DOORS SHALL BE TEMPERED. TEMPERED GLASS SHALL BE PERMANENTLY IDENTIFIED AND VISIBLE WHEN THE UNIT IS GLAZED.
- ALL GLAZING WILL BE INSTALLED WITH A CERTIFYING LABEL ATTACHED, SHOWING THE "U" VALUE.
- REFER TO FLOOR PLANS FOR DIRECTION OF DOOR SWING.
- DOORS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER SECTION 116 E.E.S.
- VENTILATION SHALL COMPLY WITH C.B.C. 1203.4 AND R303.
- DOORS MAY OPEN TO THE EXTERIOR ONLY IF THE FLOOR OR LANDING IS NOT MORE THAN 1-1/2" INCH LOWER THAN THE DOOR THRESHOLD. LANDINGS ON THE EXTERIOR SIDE MAY BE NO MORE THAN 7-3/4" BELOW THE TOP OF THE THRESHOLD IF THE DOOR DOES NOT SWING OVER THE LANDING. LANDINGS NOT AT GRADE REQUIRE ACCESS TO GRADE BY WAY OF RAMP OR STAIR.
- GLAZED OPENINGS WITHIN EXTERIOR DOORS SHALL BE INSULATING-GLASS UNITS WITH A MINIMUM OF ONE TEMPERED PANE.
- THE FOLLOWING WINDOWS SHALL BE FULLY TEMPERED: (CRC R308.4)
  - SLIDING/SWINGING GLASS DOORS
  - GLAZING IN WALLS AND ENCLOSURES FACING HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND SWIMMING POOLS WHERE THE GLAZING IS LESS THAN 60 INCHES ABOVE THE STANDING SURFACE WITHIN THE COMPARTMENT AND WITHIN 60 INCHES HORIZONTALLY OF THE WATER'S EDGE (CRC R308.4.5)
  - GLAZING WITHIN A 24" ARC OF A DOOR THAT IS LESS THAN 60 INCHES ABOVE THE FLOOR. SAFETY GLAZING REQUIRED ON A WALL LESS THAN 180 DEGREES FROM THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN 24" OF HINGE SIDE OF AN IN-SWING DOOR. (R308.4.2)
  - GLAZING WHERE THE EXPOSED AREA IS GREATER THAN 950 SQ.FT. BOTTOM IS LESS THAN 18 IN. AND AT LEAST 36 IN. ABOVE THE FLOOR, AND ADJACENT TO A WALKING SURFACE WITHIN 60IN. OF THE BOTTOM TREAD OF A STAIRWAY AND LESS THAN 36IN. ABOVE THE LANDING
  - GLAZING IN GUARDS AND RAILINGS
  - GLAZING ADJACENT TO STAIRWAYS, LANDINGS, AND RAMPS WITHIN 36IN. HORIZONTALLY OF THE WALKING SURFACE LESS THAN 36IN. ABOVE THE WALKING SURFACE
- R337.8.2.1 EXTERIOR WINDOWS AND EXTERIOR GLAZED DOOR ASSEMBLY REQUIREMENTS:
  - BE CONSTRUCTED OF MULTI-PANE GLAZING WITH A MINIMUM OF ONE TEMPERED PANE MEETING THE REQUIREMENTS OF SECTION 2406 SAFETY GLAZING, OR
  - BE CONSTRUCTED OF GLASS BLOCK UNITS, OR
  - HAVE A FIRE-RESISTANT RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED IN ACCORDANCE TO NFPA 257, OR
  - BE TESTED TO MEET THE PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-2.
- R337.8.3 EXTERIOR DOORS. EXTERIOR DOORS SHALL COMPLY WITH ONE OF THE FOLLOWING:
  - THE EXTERIOR SURFACE OR CLADDING SHALL BE OF NON-COMBUSTIBLE OR IGNITION-RESISTANT MATERIAL
  - THE EXTERIOR SURFACE OR CLADDING SHALL BE IGNITION RESISTANT MATERIAL
  - THE EXTERIOR DOOR SHALL BE CONSTRUCTED OF SOLID CORE WOOD THAT COMPLY WITH THE FOLLOWING REQUIREMENTS:
    - 3.1 STILES AND RAILS SHALL NOT BE LESS THAN 1-3/8" THICK.
    - 3.2 RAISED PANELS SHALL NOT BE LESS THAN 1-1/4" THICK.
  - EXCEPT FOR THE EXTERIOR PERIMETER OF THE PANEL THAT SHALL BE PERMITTED TO TAPER TO A TONGUE NOT LESS THAN 3/4" THICK.
  - THE EXTERIOR DOOR SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO THE NFPA 252.
  - THE EXTERIOR SURFACE OR CLADDING SHALL BE TESTED TO MEET THE PERFORMANCE IN SECTION 707A.3.1 WHEN TESTED IN ACCORDANCE WITH ASTM E2707.
  - THE EXTERIOR SURFACE OR CLADDING SHALL BE TESTED TO MEET THE PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-1.

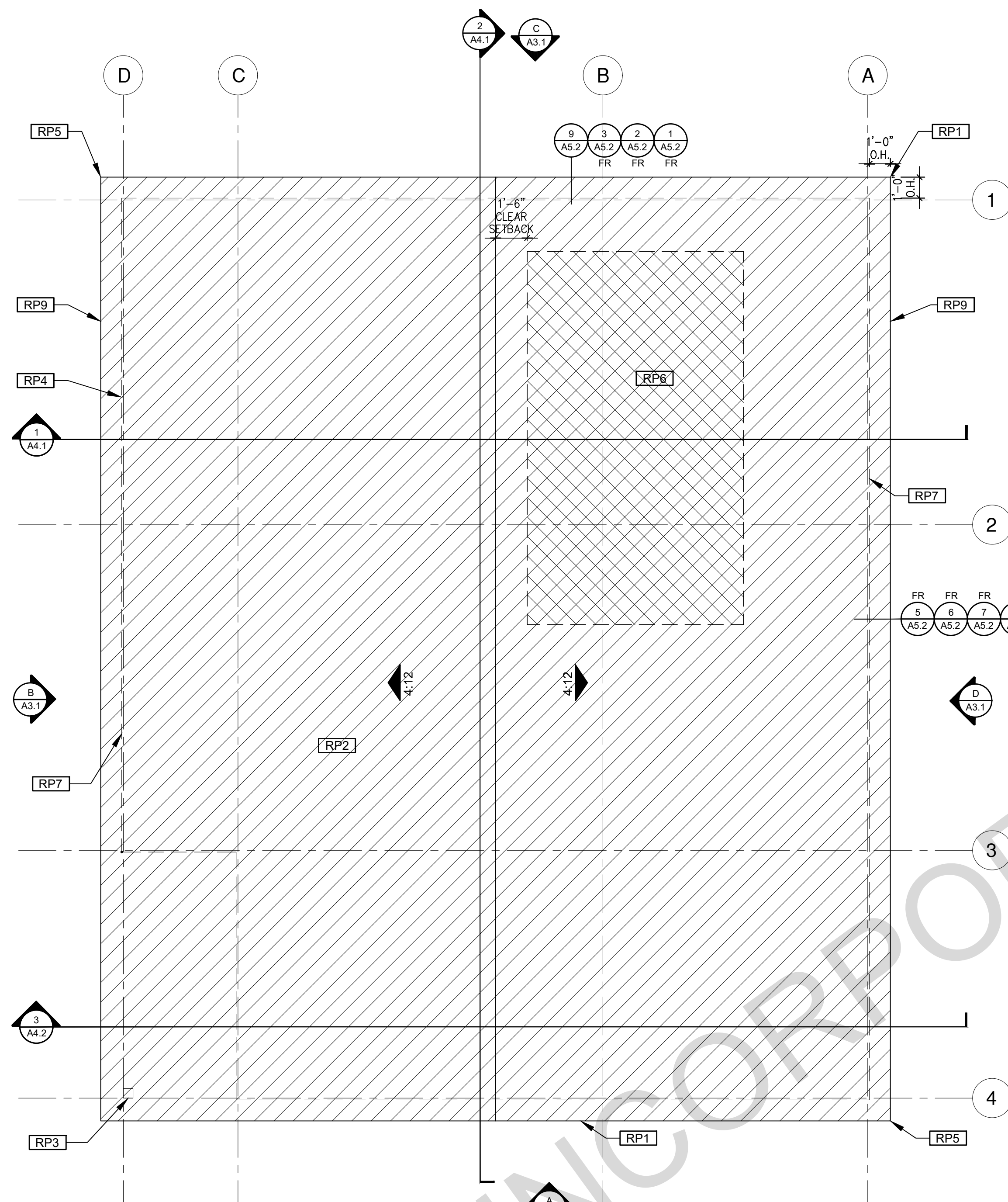


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**C SILL SECTION VIEW**  
WINDOW DETAILS (DOORS SIMILAR) SCALE: 3"=1'-0"

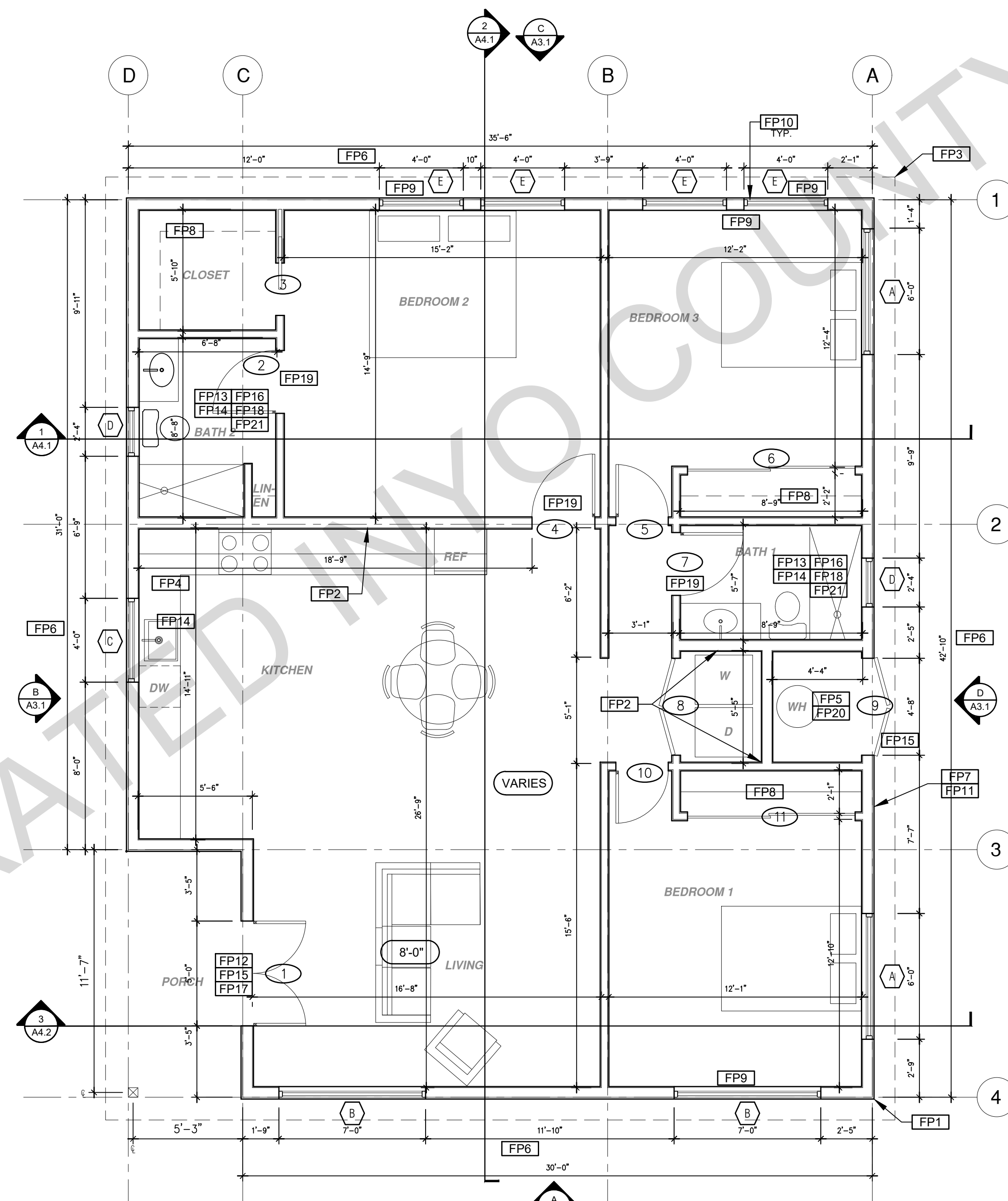


ROOF PLAN

1/4"=1'-0"

1469 SQ. FT.

RANCH



FLOOR PLAN

1/4"=1'-0"

1469 SQ. FT.

RANCH

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project  
County of Inyo  
Pre-Approved  
ADU/SFD Program

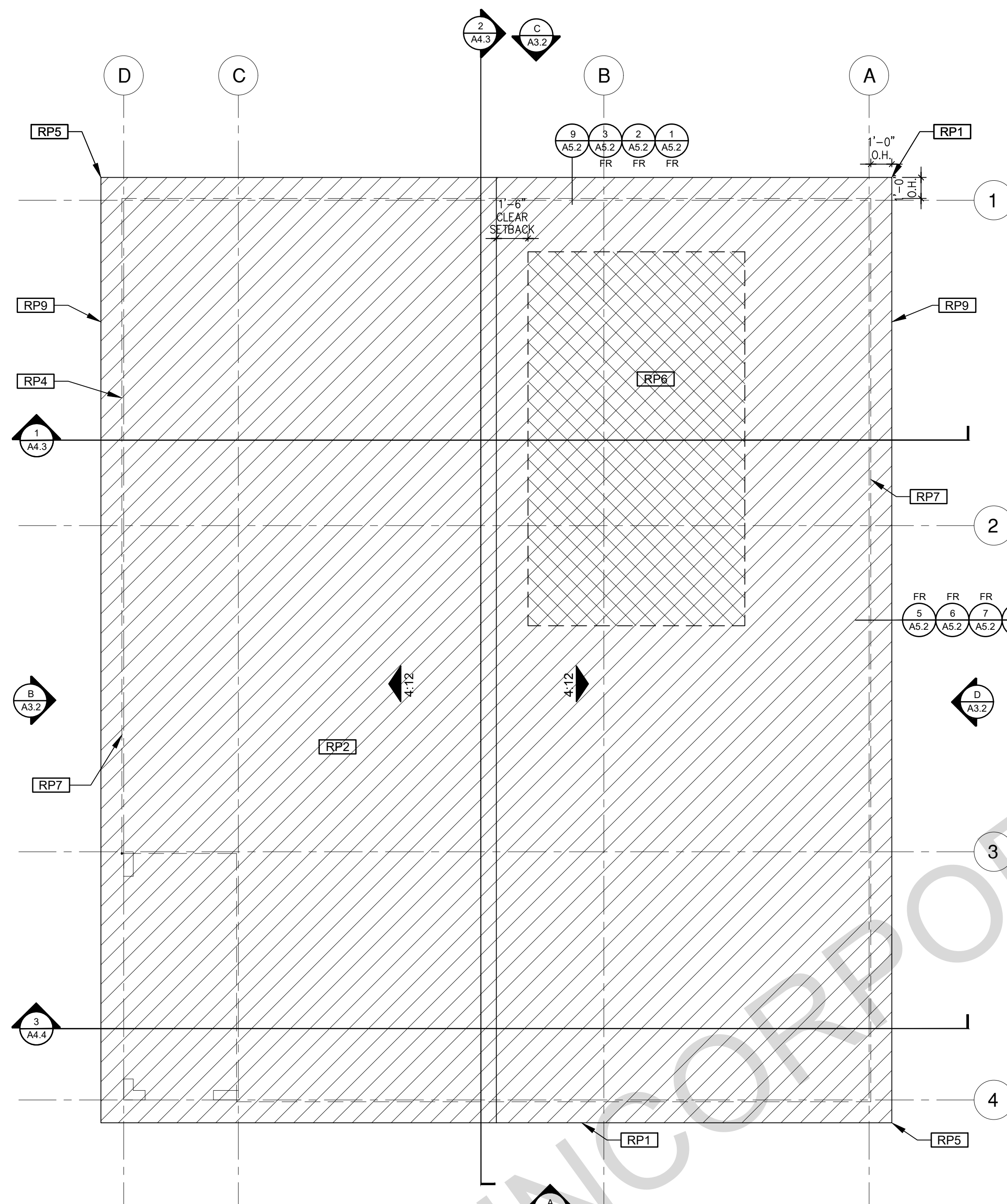
revisions  
description  
Ranch  
Roof Plan/  
Floor Plan  
3 Bedroom

date 2024  
project no. INYO COUNTY ADU/SFDs  
drawn by DESIGN PATH STUDIO  
sheet no.

A1.1

ROOF KEYNOTES	FLOOR PLAN KEYNOTES	SOLAR READY NOTES	LEGEND
<p><b>RP1</b> LINE OF ROOF OVERHANG</p> <p><b>RP2</b> CLASS A ROOFING MATERIAL. SEE GENERAL ROOF NOTE 13 ON SHEET G0.2</p> <p><b>RP3</b> SUPPORT POST BELOW</p> <p><b>RP4</b> LINE OF WALLS BELOW</p> <p><b>RP5</b> ROOF DOWNSPOUT LOCATION TO BE DETERMINED BY SITE SPECIFIC CONDITIONS</p> <p><b>RP6</b> DESIGNATED SOLAR PANEL AREA. PLEASE SEE SOLAR READY NOTES ON THIS SHEET</p> <p><b>RP7</b> RAFTER VENTS TO MEET REQUIRED VENTILATION AREA FOR ENCLOSED RAFTER SPACES. MAX 1/4", MIN 3/8" OPENING SIZE ON VENT SCREEN WITH CORROSION-RESISTANT WIRE SCREEN MATERIAL. 1 SF OF VENTING PER 150 SF OF ENCLOSED RAFTER AREA IN NON-FIRE RATED CONSTRUCTION PLEASE SEE VENTING CALCULATIONS ON THIS SHEET</p> <p><b>RP8</b> CEILING JOISTS PERMITTED TO BE REMOVED AND INSULATION SPECIFICATIONS TO BE MODIFIED AT SITE SPECIFIC LOCATIONS WHERE ENERGY COMPLIANCE ANALYSIS ALLOWS.</p> <p><b>RP9</b> ROOF GUTTERS OF A NON-COMBUSTIBLE MATERIAL SHALL BE PROVIDED WITH THE MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER.</p>	<p><b>FP1</b> STUD WALL SIZED PER STRUCTURAL</p> <p><b>FP2</b> 2X6 STUD WALL OR FURRING AS NEEDED FOR MECHANICAL / PLUMBING / VENTING</p> <p><b>FP3</b> LINE OF OVERHANG ABOVE</p> <p><b>FP4</b> 36" HIGH COUNTER</p> <p><b>FP5</b> WATER HEATER</p> <p><b>FP6</b> SLOPE SURFACE AWAY FROM BUILDING</p> <p><b>FP7</b> DRYER VENT TERMINATION ON EXTERIOR WALL TO BE A MINIMUM OF 3 FT FROM ANY OPENING</p> <p><b>FP8</b> CLOSET SHELF AND POLE</p> <p><b>FP9</b> EMERGENCY EGRESS WINDOW</p> <p><b>FP10</b> WINDOW MUST HAVE A FRAME AND SASH COMPRISED OF WELDED CORNERS, METAL REINFORCEMENT IN THE INTERLOCK AREA, AND CONSTRUCTED OF MULTIPANE TEMPERED GLAZING WHERE INDICATED TYPICAL ALL WINDOWS</p> <p><b>FP11</b> VENT DRYER THROUGH WALL. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p> <p><b>FP12</b> MIN. 1 HINGED ENTRY DOOR FOR EGRESS COMPLIANCE REQUIRED - THE EGRESS DOOR SHALL BE SIDE-HINGED AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 36 INCHES WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90°. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP</p> <p><b>FP13</b> SHOWER ENCLOSURE MUST BE TEMPERED. GLAZING IN THE WALLS/DOORS FACING OR CONTAINING BATHTUBS, SHOWERS, HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS AND INDOOR/OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE STANDING SURFACE. EXCEPTION: GLAZING THAT IS MORE THAN 60" MEASURED HORIZONTALLY, FROM THE WATER'S EDGE OF A BATHTUB, HOT TUB, SPA, WHIRLPOOL OR SWIMMING POOL. SHOWER DOORS SHALL OPEN AS TO MAINTAIN NOT LESS THAN A 22-INCH UNOBSTRUCTED OPENING FOR EGRESS.</p> <p><b>FP14</b> PER SECTION 301.1.1 CALGREEN AND CIVIL CODE 1101.3(c), ALL PLUMBING FIXTURES SHALL BE COMPLIANT WATER-CONSERVING PLUMBING FIXTURES. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p> <p><b>FP15</b> LANDING OR FLOOR REQUIRED AT EACH SIDE OF EXTERIOR DOOR. WIDTH TO BE NOT LESS THAN THE DOOR SERVED AND HAVE A MIN 36 INCH DEPTH MEASURED IN THE DIRECTION OF TRAVEL. EXTERIOR LANDINGS SHALL BE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 1" PER FOOT. LANDINGS OR FINISHED FLOORS AT EGRESS DOOR SHALL NOT BE MORE THAN 1.5" LOWER THAN THE TOP OF THE THRESHOLD FOR OUTWARD SWINGING DOORS OR 7.75" FOR DOORS THAT DO NOT SWING OUTWARD.</p> <p><b>FP16</b> WALL COVERING SHALL BE CEMENT PLASTER, TILE OR APPROVED EQUAL TO 72" ABOVE DRAIN AT SHOWERS OR TUB WITH SHOWERS. MATERIALS USED AS BACKERS FOR WALL TILE IN TUBE AND REINFORCED GYPSUM PANELS, NON-ASBESTOS FIBER CEMENT BACKER BOARD, OR NON-ASBESTOS FIBER CEMENT REINFORCED CEMENTITIOUS BACKER UNITS INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.</p> <p><b>FP17</b> DOOR BELL BUTTON TO BE NO MORE THAN 48" ABOVE EXTERIOR FLOOR OR LANDING</p> <p><b>FP18</b> WATER CLOSET AND SHOWER TO HAVE REINFORCEMENT IN WALLS 2X8 NOMINAL AT 32" TO 39.5" ABOVE FINISH FLOOR. SEE FLOOR PLAN GENERAL NOTE #28 ON SHEET G0.2 FOR FURTHER INFORMATION. WHERE THE WATER CLOSET IS NOT PLACED ADJACENT TO A SIDE WALL CAPABLE OF ACCOMMODATING A GRAB BAR, THE BATHROOM SHALL HAVE PROVISIONS FOR INSTALLATION OF FLOOR-MOUNTED, FOLD-AWAY OR SIMILAR ALTERNATE GRAB BAR REINFORCEMENTS APPROVED BY THE ENFORCING AGENCY.</p> <p><b>FP19</b> DOOR TO HAVE A NET CLEAR OPENING OF 32"</p> <p><b>FP20</b> DESIGNATED 2'-6" x 2'-6" x 7' TALL MINIMUM AREA FOR INSTALLATION OF AN ELECTRIC HYBRID HEAT PUMP WATER HEATER PER CEC 2022 SECTION 150.0(N)</p> <p><b>FP21</b> FURRING AS NEEDED FOR STANDARD TUB AND SHOWER LENGTH</p> <p><b>FP22</b> CEILING JOIST REQUIRED IN CLIMATE ZONE 16 TO REACH INSULATION REQUIREMENTS. ALL OTHER CLIMATE ZONES DO NOT REQUIRE CEILING JOISTS AND MAY HAVE VAULTED CEILINGS. REFER TO TITLE 24 CALCULATION REPORTS.</p>	<p>SOLAR READY ROOF AREA: MIN DIMENSION &gt; 5FT. MIN. SF &gt; 80SF. PER CALIFORNIA ENERGY CODE SECTION 110.10(b)</p> <p>THE SOLAR ZONE SHALL COMPLY WITH ACCESS, PATHWAY, SMOKE VENTILATION, AND SPACING REQUIREMENTS AS SPECIFIED IN TITLE 24, PART 9 OR OTHER PARTS OF TITLE 24 OR IN ANY REQUIREMENTS ADOPTED BY LOCAL JURISDICTION</p> <p>SINGLE FAMILY RESIDENCE. THE SOLAR ZONE SHALL BE LOCATED ON THE ROOF OR OVERHANG OF THE BUILDING AND HAVE A TOTAL AREA OF NO LESS THAN 250SQFT.</p> <p>FOR PHOTOVOLTAIC ARRAYS OCCUPYING NOT MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN AN 18-INCH (457 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE. FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN A 36-INCH (914 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.</p> <p>CAPACITY OF THE PV SYSTEMS PER THE CF1R-PRF: _____</p> <p><b>VENTING CALCULATIONS</b></p> <p>ROOF VENTING: 1SF. OF ROOF VENTING PER 150 SF. OF ENCLOSED AREA OR ENCLOSED RAFTER AREA. ENCLOSED RAFTER AREA: 1469 SF. VENTILATION AREA REQUIRED: 1469 SF / 150SF = 9.79 SF. CONVERT TO SQ. IN. 9.79 SF x 144 = 1410 SQ. IN. MINIMUM VENTILATION AREA REQUIRED: 1410 SQ. IN.</p>	<p><b>SECTION CUT</b> [Symbol]</p> <p><b>ELEVATION CALLOUT</b> [Symbol]</p> <p><b>DETAIL DRAWING REF.</b> [Symbol]</p> <p><b>WALL BELOW OR ROOF ABOVE</b> [Symbol]</p> <p><b>SOLAR ZONE. REFER TO SOLAR NOTES ON SHEET G0.2</b> [Symbol]</p> <p><b>ROOFING</b> [Symbol]</p> <p><b>KEYNOTE</b> [Symbol]</p> <p><b>DOOR SYMBOL: SEE SHEET A0.1 FOR DOOR SCHEDULE</b> [Symbol]</p> <p><b>WINDOW SYMBOL: SEE SHEET A0.1 FOR WINDOW SCHEDULE</b> [Symbol]</p> <p><b>CEILING HEIGHTS</b> [Symbol]</p> <p><b>VAULTED CEILING</b> [Symbol]</p> <p><b>ROOF SLOPE</b> [Symbol]</p>

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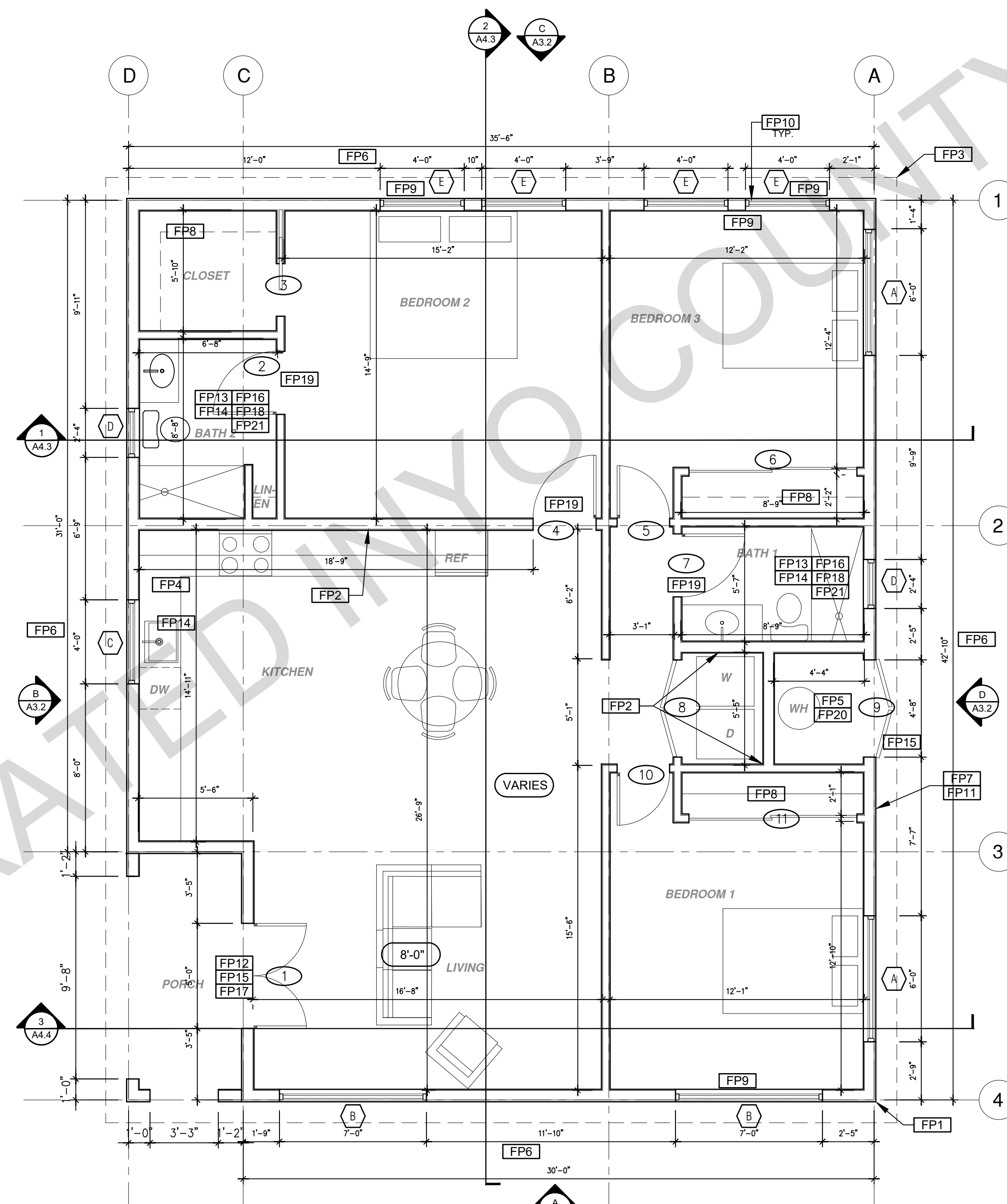


ROOF PLAN

1/4"=1'-0"

1469 SQ. FT.

SPANISH



FLOOR PLAN

1/4"=1'-0"

1469 SQ. FT.

SPANISH

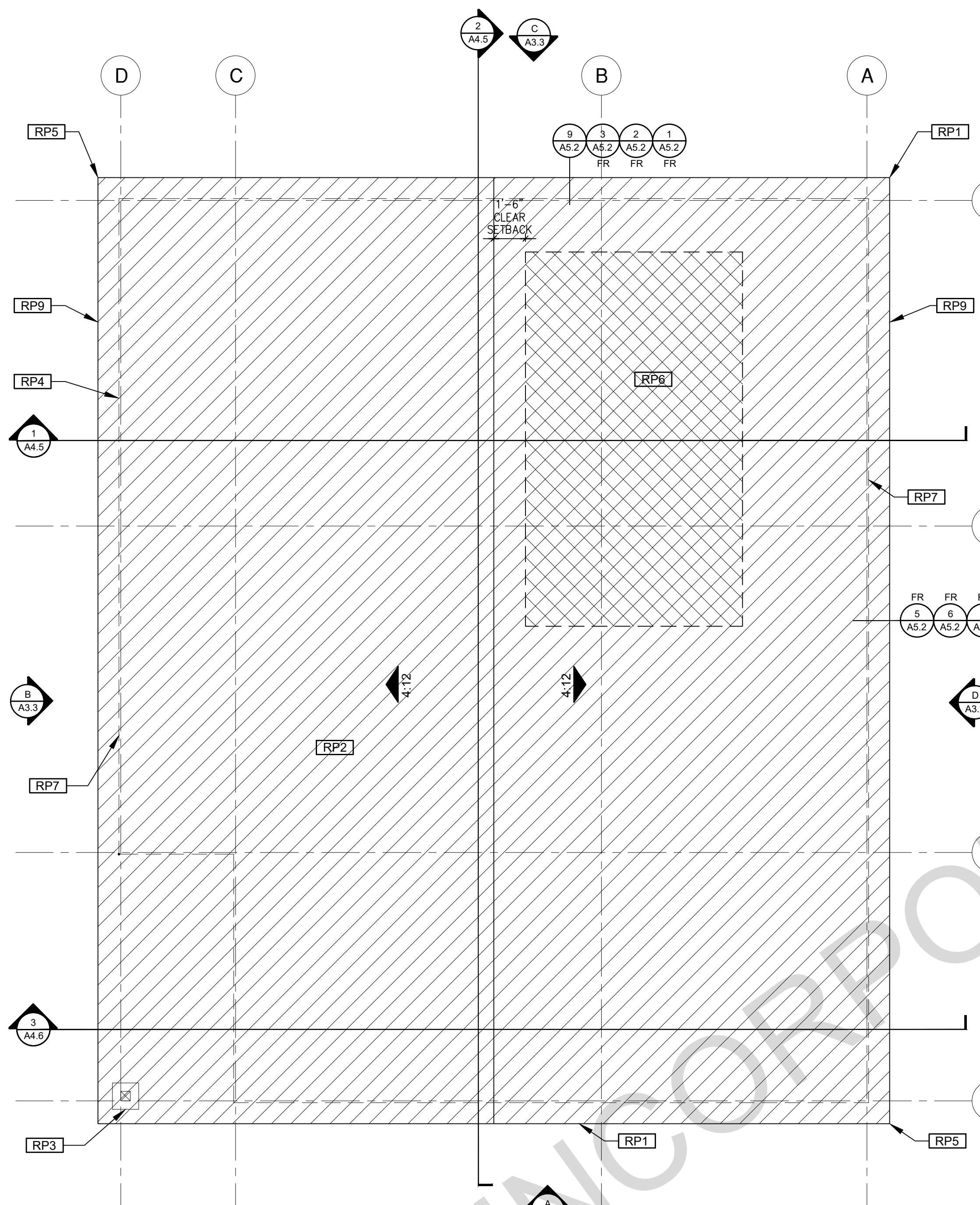
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PER CALIFORNIA ENERGY CODE SECTION 110.10(b)</p> <p>THE SOLAR ZONE SHALL COMPLY WITH ACCESS, PATHWAY, SMOKE VENTILATION, AND SPACING REQUIREMENTS AS SPECIFIED IN TITLE 24, PART 9 OR OTHER PARTS OF TITLE 24 OR IN ANY REQUIREMENTS ADOPTED BY LOCAL JURISDICTION</p> <p>SINGLE FAMILY RESIDENCE. THE SOLAR ZONE SHALL BE LOCATED ON THE ROOF OR OVERHANG OF THE BUILDING AND HAVE A TOTAL AREA OF NO LESS THAN 250SQFT.</p> <p>FOR PHOTOVOLTAIC ARRAYS OCCUPYING NOT MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN AN 18-INCH (457 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE. FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN A 36-INCH (914 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.</p> <p>CAPACITY OF THE PV SYSTEMS PER THE CF1R-PRF: _____</p> <p><b>VENTING CALCULATIONS</b></p> <p>ROOF VENTING: 15F. OF ROOF VENTING PER 150 SF. OF ENCLOSED AREA OR ENCLOSED RAFTER AREA. ENCLOSED RAFTER AREA: 1469 SF. VENTILATION AREA REQUIRED: 1469 SF / 150SF = 9.79 SF. CONVERT TO SQ. IN. 9.79 SF x 144 = 1410 SQ. IN. MINIMUM VENTILATION AREA REQUIRED: 1410 SQ. IN.</p>	<p><b>SECTION CUT</b> (Symbol: Section cut symbol) KEYNOTE (Symbol: X in square)</p> <p><b>ELEVATION CALLOUT</b> (Symbol: Elevation callout symbol) DOOR SYMBOL: SEE SHEET A0.1 FOR DOOR SCHEDULE (Symbol: X in circle)</p> <p><b>DETAIL DRAWING REF.</b> (Symbol: Detail drawing ref. symbol) WINDOW SYMBOL: SEE SHEET A0.1 FOR WINDOW SCHEDULE (Symbol: X in hexagon)</p> <p><b>WALL BELOW OR ROOF ABOVE</b> (Symbol: Wall below/above symbol) CEILING HEIGHTS (Symbol: X-X')</p> <p><b>SOLAR ZONE. REFER TO SOLAR NOTES ON SHEET G0.2</b> (Symbol: Solar zone symbol) VAULTED CEILING (Symbol: Varies symbol)</p> <p><b>ROOFING</b> (Symbol: Roofing symbol) ROOF SLOPE (Symbol: X:12)</p>

project  
County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions  
description  
Spanish  
Roof Plan/  
Floor Plan  
3 Bedroom

date 2024  
project no. INYO COUNTY ADU/SFDs  
drawn by DESIGN PATH STUDIO  
sheet no.

A1.2

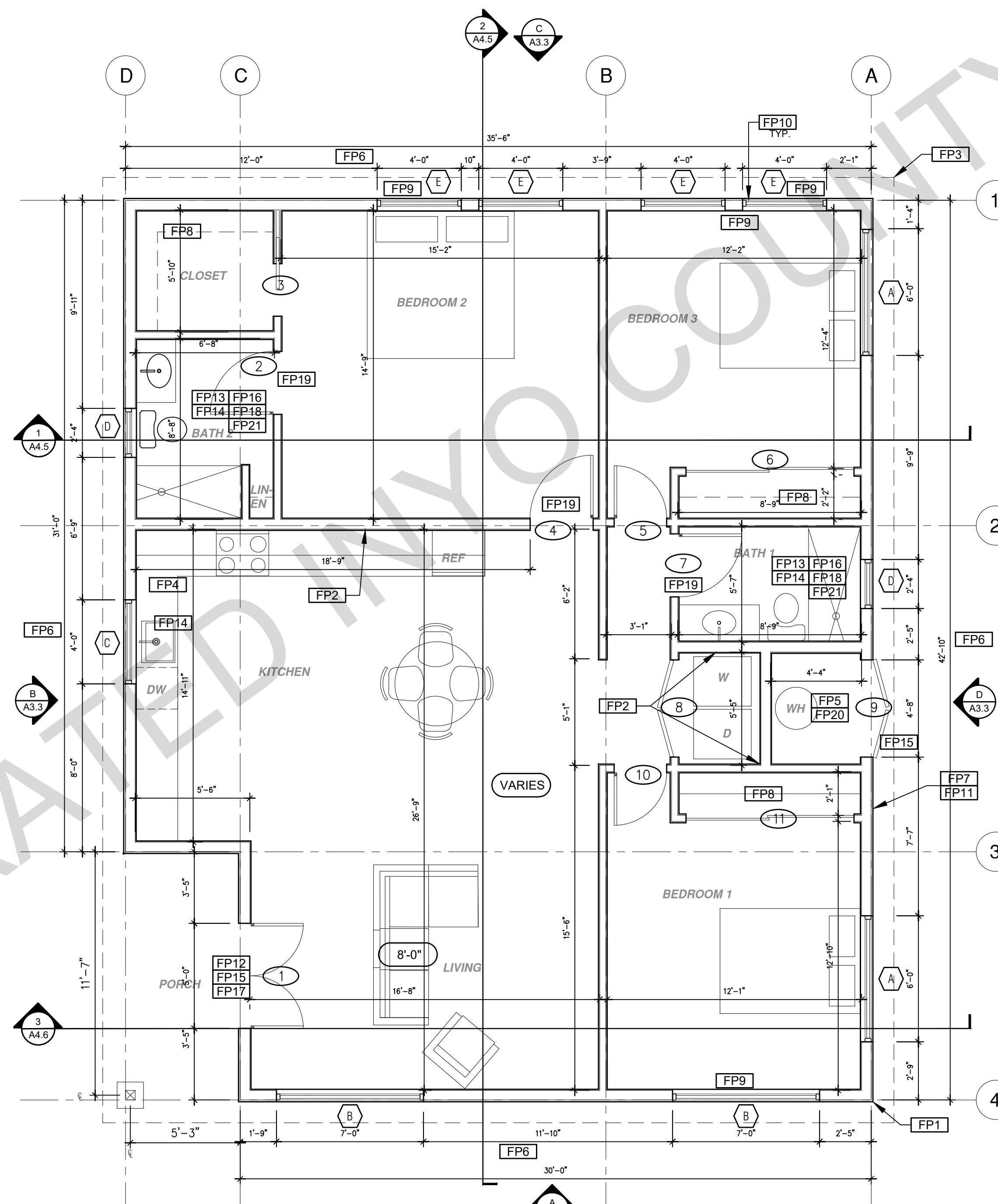


ROOF PLAN

1/4"=1'-0"

1469 SQ. FT.

TRADITIONAL



FLOOR PLAN

1/4"=1'-0"

1469 SQ. FT.

TRADITIONAL

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project

County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions



description  
Traditional  
Roof Plan/  
Floor Plan  
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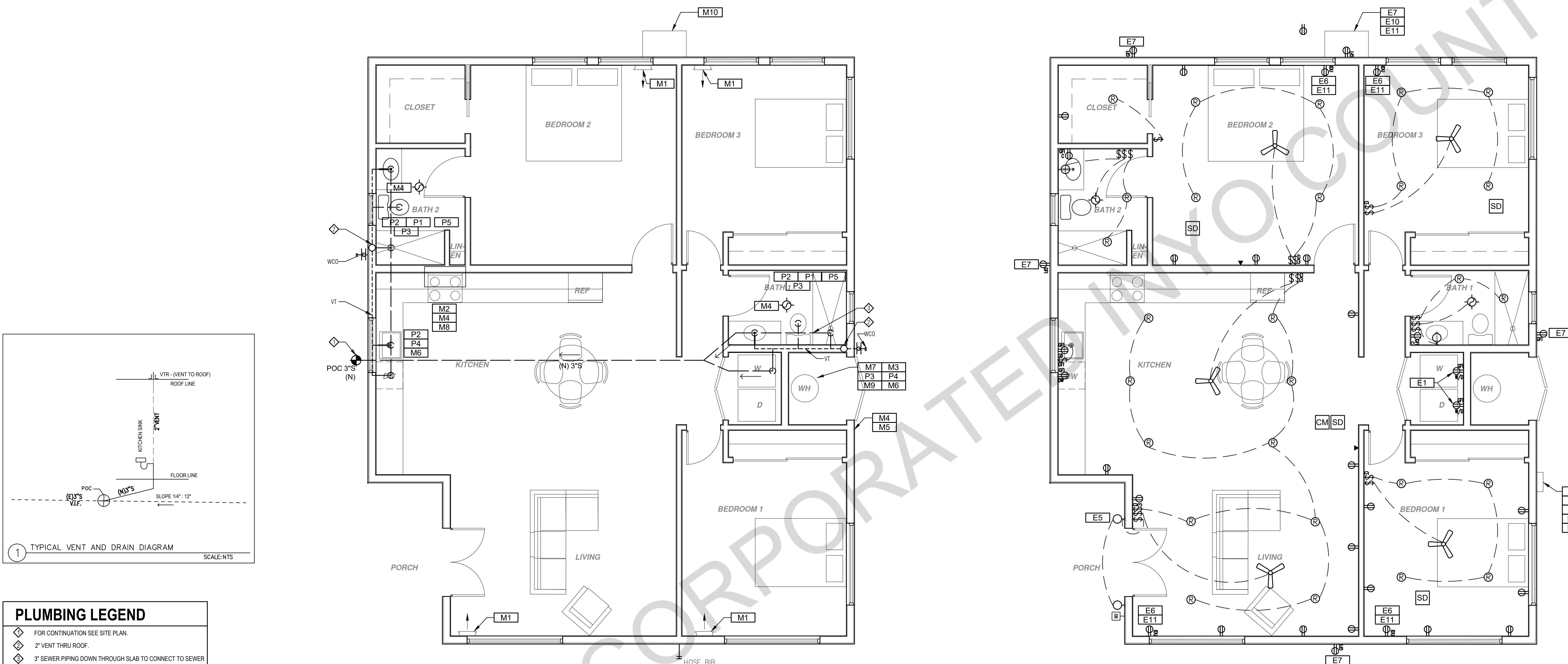
drawn by DESIGN PATH STUDIO

sheet no.

A1.3

ROOF KEYNOTES	FLOOR PLAN KEYNOTES	SOLAR READY NOTES	LEGEND
<p><b>RP1</b> LINE OF ROOF OVERHANG</p> <p><b>RP2</b> CLASS A ROOFING MATERIAL. SEE GENERAL ROOF NOTE 13 ON SHEET G0.2</p> <p><b>RP3</b> SUPPORT POST BELOW</p> <p><b>RP4</b> LINE OF WALLS BELOW</p> <p><b>RP5</b> ROOF DOWNSPOUT LOCATION TO BE DETERMINED BY SITE SPECIFIC CONDITIONS</p> <p><b>RP6</b> DESIGNATED SOLAR PANEL AREA. PLEASE SEE SOLAR READY NOTES ON THIS SHEET</p> <p><b>RP7</b> RAFTER VENTS TO MEET REQUIRED VENTILATION AREA FOR ENCLOSED RAFTER SPACES. MAX 1/4", MIN 3/8" OPENING SIZE ON VENT SCREEN WITH CORROSION-RESISTANT WIRE SCREEN MATERIAL. 1 SF OF VENTING PER 150 SF OF ENCLOSED RAFTER AREA IN NON-FIRE RATED CONSTRUCTION PLEASE SEE VENTING CALCULATIONS OF THIS SHEET</p> <p><b>RP8</b> CEILING JOISTS PERMITTED TO BE REMOVED AND INSULATION SPECIFICATIONS TO BE MODIFIED AT SITE SPECIFIC LOCATIONS WHERE ENERGY COMPLIANCE ANALYSIS ALLOWS.</p> <p><b>RP9</b> ROOF GUTTERS OF A NON-COMBUSTIBLE MATERIAL SHALL BE PROVIDED WITH THE MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER.</p>	<p><b>FP1</b> STUD WALL SIZED PER STRUCTURAL</p> <p><b>FP2</b> 2X6 STUD WALL OR FURRING AS NEEDED FOR MECHANICAL / PLUMBING / VENTING</p> <p><b>FP3</b> LINE OF OVERHANG ABOVE</p> <p><b>FP4</b> 36" HIGH COUNTER</p> <p><b>FP5</b> WATER HEATER</p> <p><b>FP6</b> SLOPE SURFACE AWAY FROM BUILDING</p> <p><b>FP7</b> DRYER VENT TERMINATION ON EXTERIOR WALL TO BE A MINIMUM OF 3 FT FROM ANY OPENING</p> <p><b>FP8</b> CLOSET SHELF AND POLE</p> <p><b>FP9</b> EMERGENCY EGRESS WINDOW</p> <p><b>FP10</b> WINDOW MUST HAVE A FRAME AND SASH COMPRISED OF WELDED CORNERS, METAL REINFORCEMENT IN THE INTERLOCK AREA, AND CONSTRUCTED OF MULTIPANE TEMPERED GLAZING WHERE INDICATED TYPICAL ALL WINDOWS</p> <p><b>FP11</b> VENT DRYER THROUGH WALL. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p> <p><b>FP12</b> MIN. 1 HINGED ENTRY DOOR FOR EGRESS COMPLIANCE REQUIRED - THE EGRESS DOOR SHALL BE SIDE-HINGED AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 36 INCHES WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90°. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP</p> <p><b>FP13</b> SHOWER ENCLOSURE MUST BE TEMPERED. GLAZING IN THE WALLS/DOORS FACING OR CONTAINING BATHTUBS, SHOWERS, HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS AND INDOOR/OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE STANDING SURFACE. EXCEPTION: GLAZING THAT IS MORE THAN 60" MEASURED HORIZONTALLY, FROM THE WATER'S EDGE OF A BATHTUB, HOT TUB, SPA, WHIRLPOOL OR SWIMMING POOL. 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PLUMBING LEGEND	
	FOR CONTINUATION SEE SITE PLAN.
	2" VENT THRU ROOF.
	3" SEWER PIPING DOWN THROUGH SLAB TO CONNECT TO SEWER PIPING ON SITE.
UNLESS INDICATED OTHERWISE, ALL SEWER/WASTE LINES SHALL BE SLOPED AT 2% DROP. CONTRACTOR SHALL FIELD VERIFY AVAILABLE DEPTH FOR THE PROPOSED PIPE LAYOUT PRIOR TO START OF WORK. NO PIPES MAY SLOPE AT 1% UNLESS THAT ARE UPSIZED TO 4" REGARDLESS OF LOCATION.	
	HOSE BIB
SYMBOL LEGEND	
	S SEWER ABOVE & BELOW SLAB
	VT SANITARY VENT
	WCO WALL CLEAN-OUT
	POC POINT OF CONNECTION INTO EXIST. PIPING
	DIRECTION OF FLOW
	PIPE DOWN
	PIPE UP

MECHANICAL KEYNOTES	
M1	INDOOR UNIT MINI SPLIT SYSTEM.
M2	EXHAUST HOOD ABOVE/TO BE SMOOTH METALLIC INTERIOR SURFACE (CMC 504.3)
M3	NEW RHEEM PROP40-T2-RH075-30 40 GALLON ELECTRIC HEAT PUMP WATER HEATER OR EQUIVALENT - TO HAVE CONDENSATE DRAIN INSTALLED NO HIGHER THAN 2' ABOVE THE BASE OF THE HEATER THAT ALSO ALLOWS GRAVITY DRAINAGE.
M4	MINIMUM OF 3 FT CLEARANCE TO ANY OPENING INTO BUILDING FOR EXHAUST FAN TERMINATIONS
M5	DRYER EXHAUST OUTLET FROM DRYER TO EXTERIOR MAX LENGTH 14' WITH MAXIMUM OF TWO 90° ELBOWS. EXHAUST VENT MUST TERMINATE A MIN. OF 3' FROM ANY OPENING. MIN. TYPE 1 CLOTHES DRYER EXHAUST DUCTS SHALL BE OF RIGID METAL & SHALL HAVE SMOOTH INTERIOR SURFACES. THE DIAMETER SHALL BE NOT LESS THAN 4 INCHES NOMINAL (100 MM), & THE THICKNESS SHALL BE NOT LESS THAN 0.016 OF AN INCH (0.406 MM). EXHAUST DUCTS & DRYER VENTS SHALL BE EQUIPPED WITH BACK DRAFT DAMPERS
M6	NEW WATER HEATER WITH T&P RELIEF VALVE AND DISCHARGE PIPE AT EXTERIOR. PROVIDE COMBUSTION AIR AND CLEARANCES PER MANUFACTURER REQUIREMENTS.
M7	NEW WATER HEATERS SHALL HAVE ISOLATION VALVES ON BOTH THE COLD AND HOT WATER PIPING LEAVING THE WATER HEATER COMPLETE WITH HOSE BIBS OR OTHER FITTINGS ON EACH VALVE FOR FLUSHING THE WATER HEATER WHEN THE VALVES ARE CLOSED
M8	A MINIMUM RATING HOOD OVER ELECTRICAL RANGE INDOOR AIR QUALITY FAN IS REQUIRED IN THE KITCHEN AND SHALL BE HER'S VERIFIED PER CEC TABLE 150.0-G-100 OR 65% CE AT <math>750 \text{ ft}^3 \text{ min}</math> OR 55% CE AT <math>750-1000 \text{ ft}^3 \text{ min}</math> OR 50% CE AT <math>1000-1500 \text{ ft}^3 \text{ min}</math> OR 110 cfm OR 50% CE AT <math>1500 \text{ ft}^3 \text{ min}</math>
M9	WATER HEATERS WITH STORAGE TANKS SHALL BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO EARTHQUAKE MOTION. STRAPPING SHALL BE AT POINTS WITH THE UPPER ONE-THIRD AND LOWER ONE-THIRD OF ITS VERTICAL DIMENSIONS. AT THE LOWER POINT, A MIN. DISTANCE OF 4 IN. SHALL BE MAINTAINED ABOVE THE CONTROLS WITH THE STRAPPING.
M10	OUTDOOR CONDENSING UNIT TO BE PIPED TO INDOOR HVAC UNIT

PLUMBING KEYNOTES	
P1	CLEARANCE FOR WATER CLOSET TO BE A MIN. OF 24" IN FRONT AND 15" FROM ITS CENTER TO ANY SIDE WALL OR OBSTRUCTION. (CPC 402.5)
P2	WATER CONSERVING FIXTURES: NEW WATER CLOSETS SHALL USE NO MORE THAN 1.28 GAL. OF WATER PER FLUSH. LAVATORIES LIMITED TO 0.5 GPM. KITCHEN FAUCETS NOT TO EXCEED 1.8 GPM AT 60 PSI THEY CAN INCREASE THE FLOW MOMENTARILY BUT CANT EXCEED 2.2 GALLONS PER MIN. AT 60 PSI AND MUST DEFAULT TO A MAX. FLOW RATE OF 1.6 GALLONS PER MIN AT 80 PSI. AND SHOWERS NOT EXCEED 1.8 GPM AT 80 PSI AND ALL SHALL BE CERTIFIED TO MEET THE PERFORMANCE CRITERIA OF THE EPA WATERSENSE SPECIFICATIONS FOR SHOWERHEADS. CPC SECTIONS 407, 408, 411, 412 AND SECTION 301.1.1 CALGREEN CODE AND CIVIL CODE 1101.3(c)
P3	ALL DOMESTIC HOT WATER PIPING TO HAVE THE FOLLOWING MINIMUM INSULATION INSTALLED: 1/2" PIPE (1/2" INSULATION); 1" TO 1-1/2" PIPE (1-1/2" INSULATION)
P4	THE 1/2" SIZE HOT WATER PIPE TO THE KITCHEN SINK AND THE COLD WATER PIPE WITHIN 9' OF WATER HEATER BOTH REQUIRE 1" INSULATION
P5	CONTROL VALVES IN SHOWERS, BATHUBS, & BIETS MUST BE PRESSURE BALANCED OR THERMOSTATIC MIX VALVES

ELECTRICAL KEYNOTES	
E1	DEDICATED 30 AMP 240V POWER FOR ELECTRIC DRYER OR OVEN. VERIFY REQUIREMENTS WITH APPLIANCE SPECIFICATIONS - ELECTRIC COOKTOP READY REQUIREMENTS ARE TO BE IMPLEMENTED. SEE SHEET G0.2. ELECTRIC READY 150.0(u) FOR REQUIREMENTS
E2	OUTLET FOR NEW ELECTRIC HYBRID HEAT PUMP WATER HEATER WITHIN 3' OF WATER HEATER
E3	SUBPANEL LOCATION. ALTERNATE LOCATION TO BE DETERMINED BY OWNER
E4	OUTLET AT COUNTER HEIGHT SHALL COMPLY WITH CEC ARTICLE 210.52(C). IN KITCHENS A RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH COUNTER SPACE 12" OR WIDER. SHALL BE INSTALLED SO THAT NO POINT ALONG THE WALL IS MORE THAN 24" ISLAND IN PENINSULAR COUNTERTOPS 12" X 24" LONG (OR GREATER) SHALL HAVE AT LEAST ONCE RECEPTACLE
E5	OUTDOOR LIGHTING FIXTURES ARE REQUIRED TO BE HIGH EFFICACY OR CONTROLLED BY A COMBINATION PHOTOCONTROL / MOTION SENSOR.
E6	OUTLET DEDICATED FOR INDOOR HVAC UNIT
E7	WEATHER RESISTANT TYPE RECEPTACLES GFCI PROTECTED
E8	OVER-CURRENT FEEDER TO EXTEND TO EXISTING PANEL. ALUMINUM CONDUCTOR BURIED UNDER GROUND WITH AWG ALLOWABLE VOLTAGE DROP PER CEC 250.4
E9	SEPARATE GROUND ELECTRODE SYSTEM PER CEC 250.4

MECHANICAL LEGEND	
	EXHAUST FAN: MINIMUM 50 CFM TO BE DUCTED TO THE EXTERIOR AND SHALL PROVIDE FIVE AIR CHANGES PER HOUR. SECTION 1203.3. CFM AND NOISE RATING MAXIMUM 3 SONE FOR INTERMITTENT USE. SHALL BE ENERGY STAR RATED AND CONTROLLED BY A HUMIDISTAT CAPABLE OF AN ADJUSTMENT BETWEEN 50-80% HUMIDITY. ONE OR MORE FANS TO OPERATE CONTINUOUSLY AT REQUIRED CFM PER HERS NOTES ON T1.11 OR GREATER TO PROVIDE INDOOR AIR QUALITY. AT THE IAQ FAN SWITCH, A LABEL CLEARLY DISPLAYING THE FOLLOWING OR EQUIVALENT TEXT IS REQUIRED: "THIS SWITCH CONTROLS THE INDOOR AIR QUALITY VENTILATION FOR THE HOME. LEAVE IT ON UNLESS THE OUTDOOR AIR QUALITY IS VERY POOR. DUCT SYSTEMS ARE SIZED, DESIGNED AND EQUIPMENT IS SELECTED USING THE FOLLOWING METHODS: 1. ESTABLISH HEAT LOSS AND HEAT GAIN VALUES ACCORDING TO ANSI/ACCA 2 MANUAL J-2011 OR EQUIVALENT. 2. SIZE DUCT SYSTEMS ACCORDING TO ANSI/ACCA 1 MANUEL D-2014 OR EQUIVALENT. 3. SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSI/ACCA 3 MANUAL S-2014 OR EQUIVALENT.
	RETURN AIR GRILLE, WALL MOUNTED
	SUPPLY AIR DIFFUSER, WALL MOUNTED
	THERMOSTAT

ELECTRICAL LEGEND	
	SMOKE DETECTORS PER SECTION R314 DETECTORS SHALL BE PERMANENTLY WIRED WITH BATTERY BACKUP. SOUND AN ALARM AUDIBLE IN ALL SLEEPING AREAS. ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE UNIT. SHALL COMPLY WITH THE FOLLOWING: • AT LEAST 3' FROM THE TIP OF THE BLADE OF A CEILING-MOUNTED FAN • NOT LESS THAN 3' FROM THE DOOR OPENING OF A BATHROOM • AT LEAST 20" FROM A COOKING APPLIANCE OR 10" FROM COOKING APPLIANCE WHEN THE ALARM IS AN IONIZING SMOKE ALARM PER NFPA 72 SECTION 29.8.3.4 ITEM 4 • AT LEAST 3' FROM SUPPLY REGISTERS OF A HEATING/COOLING SYSTEM CARBON MONOXIDE ALARM PERMANENTLY WIRED WITH BATTERY BACKUP PER SECTION R315. ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE UNIT.
	TAMPER RESISTANT RECEPTACLE WALL MOUNTED, 110 V DUPLEX U.O.N. GFI = WATER PROOF GFCI CT = COOKTOP GRILL 240 V O = OVEN 240 V MW = MICROWAVE 110 V GD = GARBAGE DISPOSAL 110 V R = RANGE 220V C = COUNTER HEIGHT 6" ABV COUNTER IDU = INDOOR UNIT POWER 84" AFF W/D = WASHER/DRYER 30AMP 240AMP PHONE / DATA / MEDIA FLOOR, WATERPROOF OUTLET CEILING MOUNTED DUPLEX RECEPTACLE, VERIFY LOCATION IN FIELD. SPECIAL PURPOSE CONNECTION (VOLTAGE SHALL MATCH APPLIANCE REQ.) SUB PANEL ALL OUTLETS NOT GFCI PROTECTED SHALL BE AFCI PROTECTED
	SWITCH, MOUNT AT 43" AFF THREE-WAY SWITCH FOUR-WAY SWITCH DIMMER SWITCH MOUNT 6" ABV COUNTER OCCUPANCY/VACANCY SENSOR MISC. CEILING FAN/LIGHT COMBO CIRCUIT WIRING DOOR BELL BUTTON
	CEILING, RECESSED, DIRECTIONAL, ZERO CLEARANCE IC RATED LED BULB CEILING, RECESSED, ZERO CLEARANCE IC RATED LED BULB CEILING, RECESSED, ZERO CLEARANCE IC RATED, WATER RESISTANT, LED BULB WALL MOUNTED LIGHT JUNCTION BOX FLUSH CEILING MOUNTED UNDER COUNTER LIGHTING LOW VOLTAGE, LANDSCAPE LIGHT FLUORESCENT FIXTURE USE SHALLOW TYPE WHEN UNDER COUNTER)
BATHROOM EXHAUST FAN REQUIREMENTS: PER CGBC 4.506.1 - EACH BATHROOM SHALL BE MECHANICALLY VENTILATED AND SHALL COMPLY WITH THE FOLLOWING: 1. FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING. 2. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL. A HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF <math>\leq 50\%</math> TO A MAXIMUM OF 80%. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT. B. A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRAL (I.E. BUILT IN)	
RESIDENTIAL ENERGY LIGHTING REQUIREMENTS: SEE 150.0(A) *IN THE KITCHEN, AT LEAST ONE-HALF OF THE WATTAGE RATING OF THE FIXTURES MUST BE HIGH EFFICACY. *BATHROOMS, GARAGES, LAUNDRY ROOMS, UTILITY ROOMS AND WALK-IN CLOSETS, AT LEAST ONE INSTALLED LUMINAIRE SHALL BE CONTROLLED BY AN OCCUPANCY OR VACANCY SENSOR PROVIDING AUTOMATIC OFF FUNCTIONALITY. *ALL THROUGHOUT THE RESIDENCE, INCLUDING THE GARAGE AND EXTERIOR, SHALL BE HIGH EFFICACY.	

MECHANICAL / PLUMBING PLAN  
1/4" = 1'-0"

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

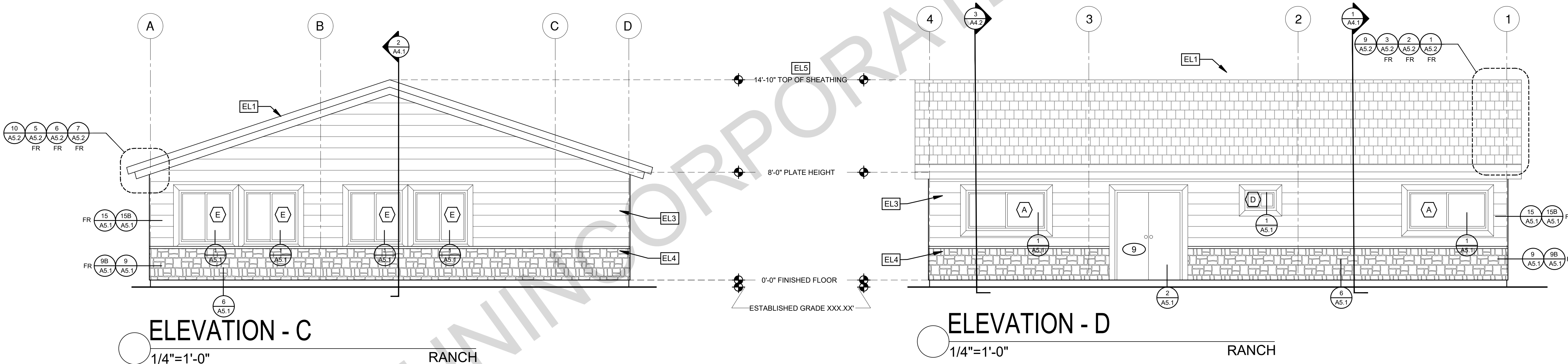
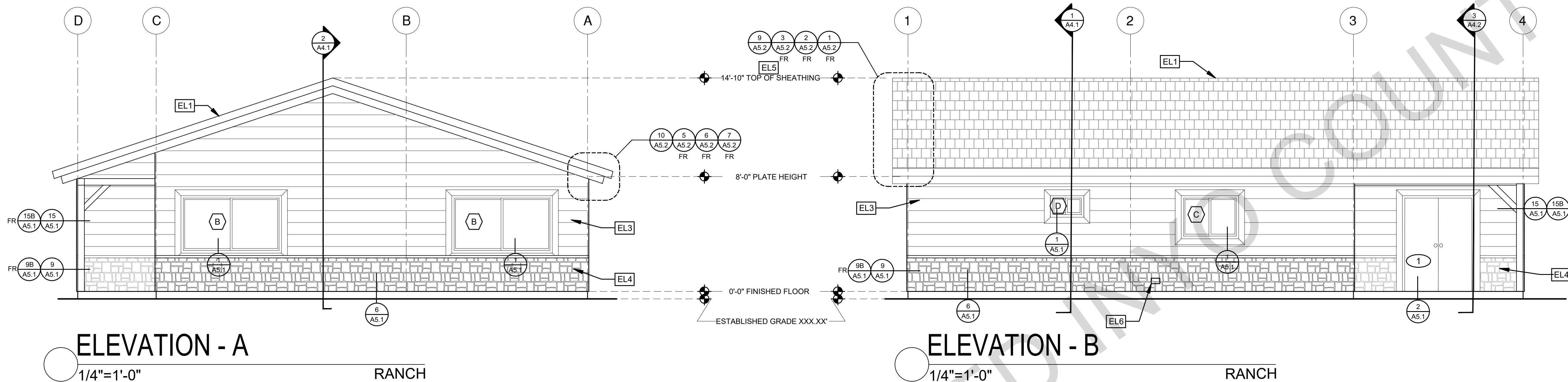
project	County of Inyo Pre-Approved ADU/SFD Program
revisions	
description	Mechanical/ Plumbing/ Electrical
date	2024
project no.	INYO COUNTY ADU/SFDS
drawn by	DESIGN PATH STUDIO
sheet no.	A2.1

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 County of Inyo  
 Pre-Approved  
 ADU/SFD Program

revisions  
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 description  
**Exterior Elevations**  
**Ranch**  
**2 Bedroom**

date 2024  
 project no. INYO COUNTY ADU/SFDS  
 drawn by DESIGN PATH STUDIO  
 sheet no. **A3.1**



**ELEVATION KEYNOTES**

EL1	MINIMUM CLASS A ROOF ASSEMBLY - SEE SHEET T1.1 FOR MANUFACTURER SPECIFICATIONS
EL2	SIDING
EL3	STUCCO
EL4	STONE VENEER
EL5	HEIGHT IS MEASURED AT THE BUILDING LINE, FROM THE LOWER OF EXISTING AND PROPOSED GRADES
EL6	DRYER VENT TERMINATION (MINIMUM OF 3 FT FROM ANY OPENING)

**ELEVATION GENERAL NOTES**

- ALL DIMENSIONS TO FINISH FACE, U.N.O.
- ALL DOORS SHOULD BE 3 1/2" FROM NEAREST INTERSECTING WALL AT HINGED SIDE, U.N.O.
- WRITTEN DIMENSIONS TO PREVAIL OVER SCALING OF DRAWINGS. SUBCONTRACTOR TO VERIFY ALL DIM. PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- REFER TO FRAMING PLANS, FLOOR PLANS, AND SECTIONS FOR CLARIFICATION AND DIMENSIONS
- SEE SCHEDULE FOR DOOR AND WINDOW INFORMATION AND HEIGHTS
- LATH & PLASTER  
 A. MATERIALS FOR PLASTER IS TO BE THE STANDARD PRODUCTS OF RECOGNIZED MANUFACTURERS, AND SHALL BE AS MANUFACTURED BY US GYPSUM CO. AND APPROVED BY THE LATH AND PLASTER INSTIGAT OR APPROVED EQUAL.  
 B. ALL PLASTER CORNER BEADS, CASING BEADS, CONTROL JOINTS, EXPANSION SCREEDS AND ACCESSORIES ARE TO BE GALVANIZED PROVIDE CASING BEADS AT ALL JOINTS OF STUCCO TO DISSIMILAR SURFACES UNLESS OTHERWISE NOTED.  
 C. WHERE INDICATED ON THE DRAWINGS, PORTLAND CEMENT PLASTER IS TO BE HAND APPLIED (3) THREE COAT WORK, 7/8" THICK ON EXTERIOR SURFACES. THE COATS ARE TO CONSIST OF A SCRATCH (3/8") AND A TWO COAT FINISH (1/8" MIN.) COAT PROPORTIONED AND MIXED ADS RECOMMENDED BY THE CALIFORNIA LATHING AND PLASTERING CONTRACTORS ASSOCIATION.
- FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.
- SEE ROOF PLAN FOR APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.
- CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK

**LEGEND**

	SECTION CUT		KEYNOTE		SPRAY FIN. STUCCO
	ELEVATION CALLOUT		DOOR SYMBOL		BOARD & BATTEN
	DETAIL DRAWING REF.		WINDOW SYMBOL		GLAZING
	ELEVATION MARKER		TEMPERED GLASS		ROOFING
					SIDING

FOR USE IN UNINCORPORATED

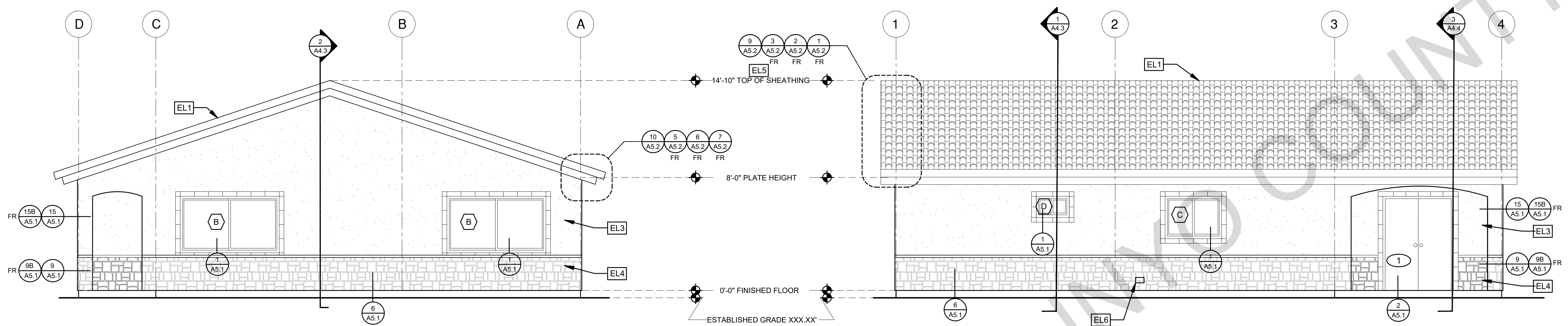
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 description  
**Exterior Elevations**  
**Spanish**  
**2 Bedroom**

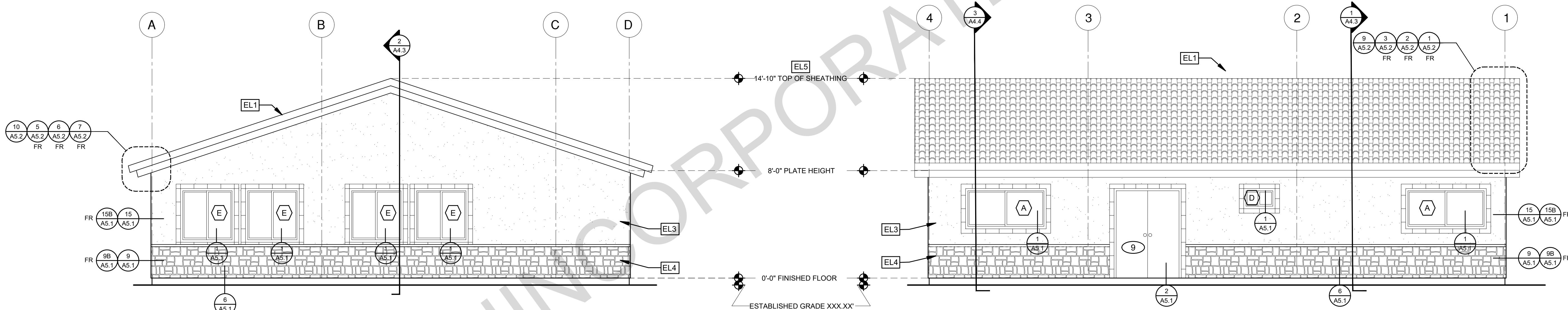
date 2024  
 project no. INYO COUNTY ADU/SFDS  
 drawn by DESIGN PATH STUDIO  
 sheet no.

**A3.2**



**ELEVATION - A**  
1/4"=1'-0"  
SPANISH

**ELEVATION - B**  
1/4"=1'-0"  
SPANISH



**ELEVATION - C**  
1/4"=1'-0"  
SPANISH

**ELEVATION - D**  
1/4"=1'-0"  
SPANISH

ELEVATION KEYNOTES	ELEVATION GENERAL NOTES	LEGEND
<p><b>EL1</b> MINIMUM CLASS A ROOF ASSEMBLY - SEE SHEET T1.1 FOR MANUFACTURER SPECIFICATIONS</p> <p><b>EL2</b> SIDING</p> <p><b>EL3</b> STUCCO</p> <p><b>EL4</b> STONE VENEER</p> <p><b>EL5</b> HEIGHT IS MEASURED AT THE BUILDING LINE FROM THE LOWER OF EXISTING AND PROPOSED GRADES</p> <p><b>EL6</b> DRYER VENT TERMINATION (MINIMUM OF 3 FT FROM ANY OPENING)</p>	<p>1. ALL DIMENSIONS TO FINISH FACE, U.N.O.</p> <p>2. ALL DOORS SHOULD BE 3 1/2" FROM NEAREST INTERSECTING WALL AT HINGED SIDE, U.N.O.</p> <p>3. WRITTEN DIMENSIONS TO PREVAIL OVER SCALING OF DRAWINGS. SUBCONTRACTOR TO VERIFY ALL DIM. PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES.</p> <p>4. REFER TO FRAMING PLANS, FLOOR PLANS, AND SECTIONS FOR CLARIFICATION AND DIMENSIONS</p> <p>5. SEE SCHEDULE FOR DOOR AND WINDOW INFORMATION AND HEIGHTS</p> <p>6. LATH &amp; PLASTER</p> <p>A. MATERIALS FOR PLASTER IS TO BE THE STANDARD PRODUCTS OF RECOGNIZED MANUFACTURERS, AND SHALL BE AS MANUFACTURED BY US GYPSUM CO. AND APPROVED BY THE LATH AND PLASTER INSTIGAT OR APPROVED EQUAL.</p> <p>B. ALL PLASTER CORNER BEADS, CASING BEADS, CONTROL JOINTS EXPANSION SCREEDS AND ACCESSORIES ARE TO BE GALVANIZED PROVIDE CASING BEADS AT ALL JOINTS OF STUCCO TO DISSIMILAR SURFACES UNLESS OTHERWISE NOTED</p> <p>C. WHERE INDICATED ON THE DRAWINGS, PORTLAND CEMENT PLASTER IS TO BE HAND APPLIED (3) THREE COAT WORK, 7/8" THICK ON EXTERIOR SURFACES. THE COATS ARE TO CONSIST OF A SCRATCH (3/8" AND A TWO COAT FINISH (1/8" MIN.) COAT PROPORTIONED AND MIXED ADS RECOMMENDED BY THE CALIFORNIA LATHING AND PLASTERING CONTRACTORS ASSOCIATION.</p> <p>7. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISHED FLOOR, U.N.O.</p> <p>8. SEE ROOF PLAN FOR APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.</p> <p>9. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK</p>	<p><b>SECTION CUT</b></p> <p><b>ELEVATION CALLOUT</b></p> <p><b>DETAIL DRAWING REF.</b></p> <p><b>ELEVATION MARKER</b></p> <p><b>KEYNOTE</b></p> <p><b>DOOR SYMBOL</b></p> <p><b>WINDOW SYMBOL</b></p> <p><b>TEMPERED GLASS</b></p> <p><b>SPRAY FIN. STUCCO</b></p> <p><b>BOARD &amp; BATTEN</b></p> <p><b>GLAZING</b></p> <p><b>ROOFING</b></p> <p><b>SIDING</b></p>

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revisions  
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description  
Exterior  
Elevations  
Traditional  
2 Bedroom

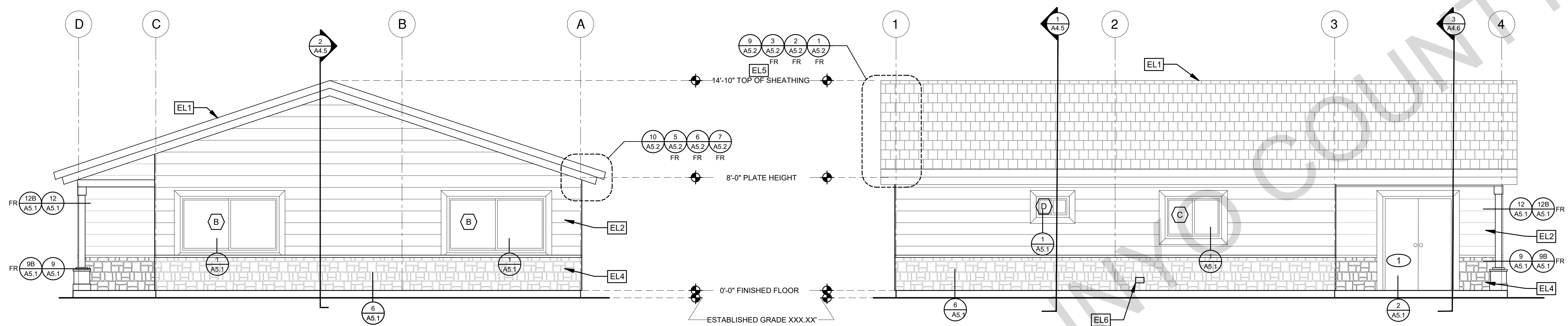
date 2024

project no. INYO COUNTY ADU/SFDS

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sheet no.

A3.3

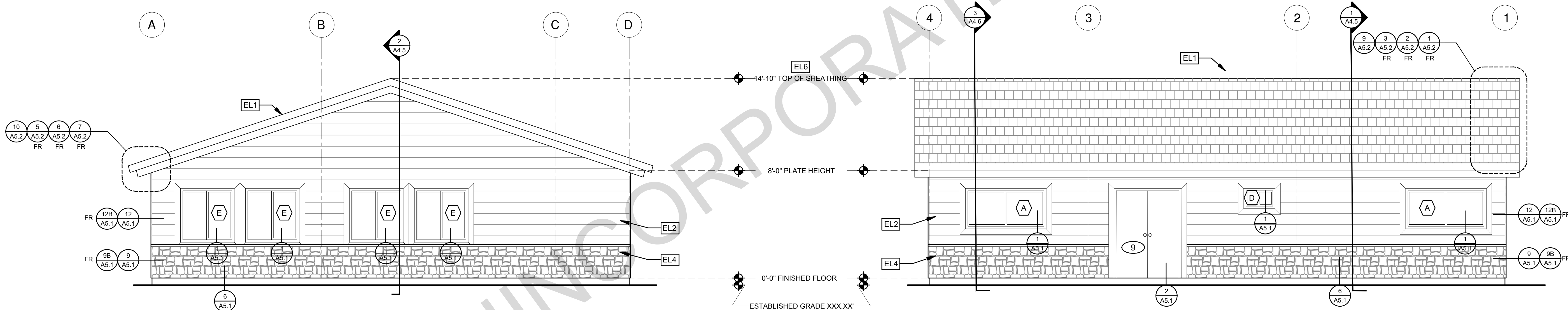


ELEVATION - A

1/4"=1'-0" TRADITIONAL

ELEVATION - B

1/4"=1'-0" TRADITIONAL



ELEVATION - C

1/4"=1'-0" TRADITIONAL

ELEVATION - D

1/4"=1'-0" TRADITIONAL

ELEVATION KEYNOTES

- EL1 MINIMUM CLASS A ROOF ASSEMBLY - SEE SHEET T1.1 FOR MANUFACTURER SPECIFICATIONS
- EL2 SIDING
- EL3 STUCCO
- EL4 STONE VENEER
- EL5 HEIGHT IS MEASURED AT THE BUILDING LINE FROM THE LOWER OF EXISTING AND PROPOSED GRADES
- EL6 DRYER VENT TERMINATION (MINIMUM OF 3 FT FROM ANY OPENING)

ELEVATION GENERAL NOTES

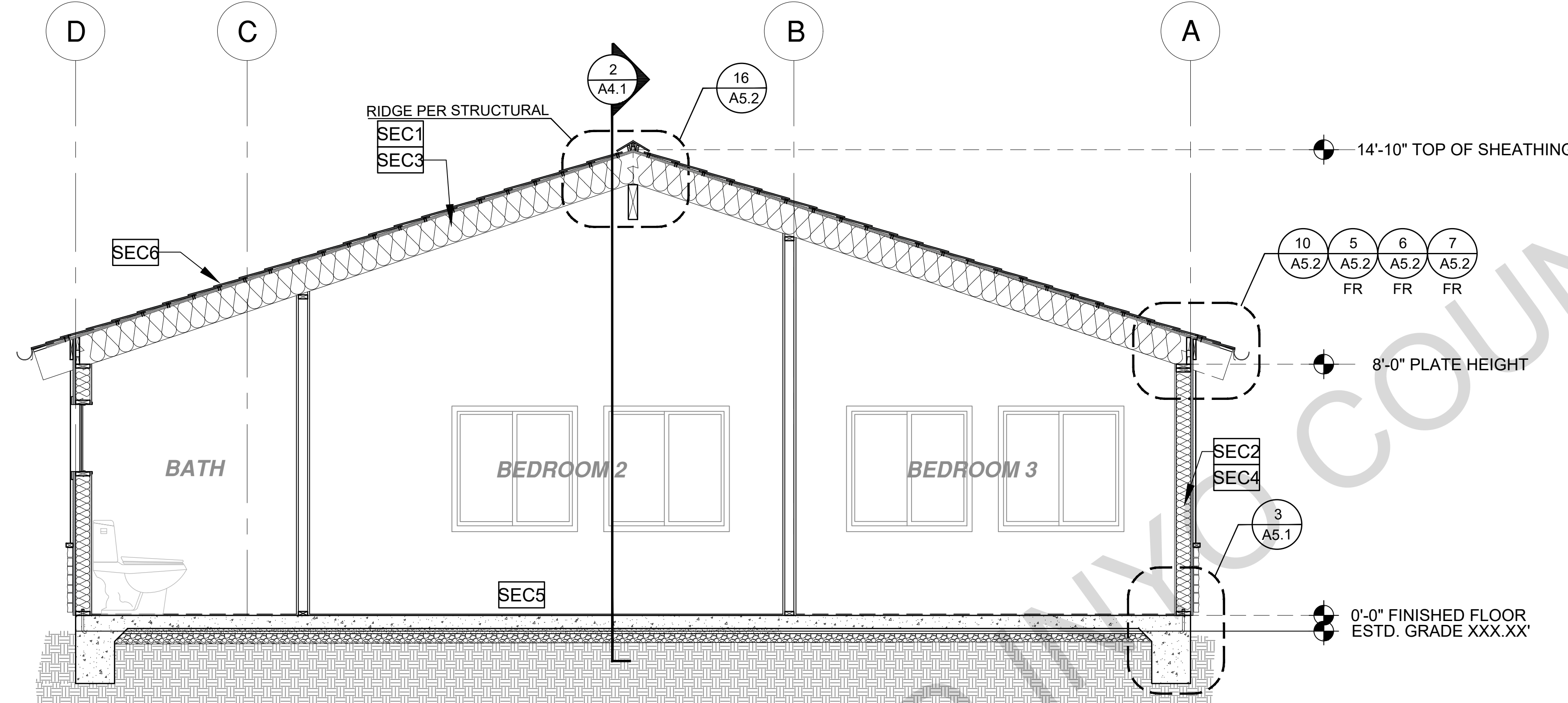
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LEGEND

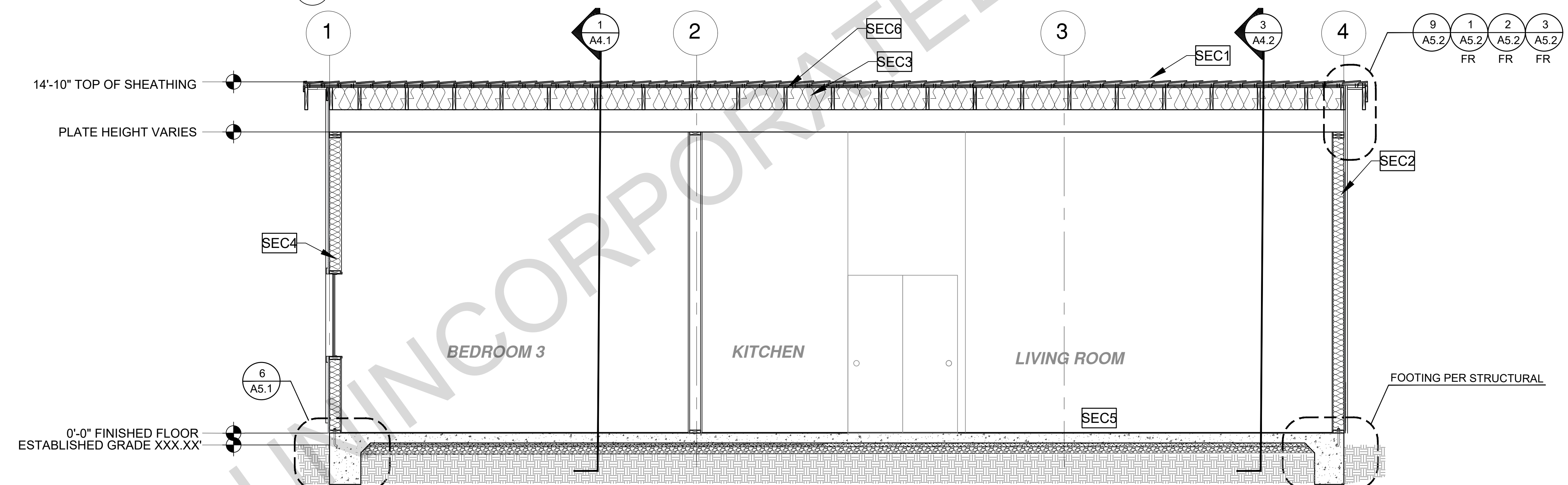
- SECTION CUT
- ELEVATION CALLOUT
- DETAIL DRAWING REF.
- ELEVATION MARKER
- KEYNOTE
- DOOR SYMBOL
- WINDOW SYMBOL
- TEMPERED GLASS
- SPRAY FIN. STUCCO
- BOARD & BATTEN
- GLAZING
- ROOFING
- SIDING

FOR USE IN UNINING CORPORATION





1 SECTION - RANCH  
 SCALE: 3/8"=1'-0"



2 SECTION - RANCH  
 SCALE: 3/8"=1'-0"

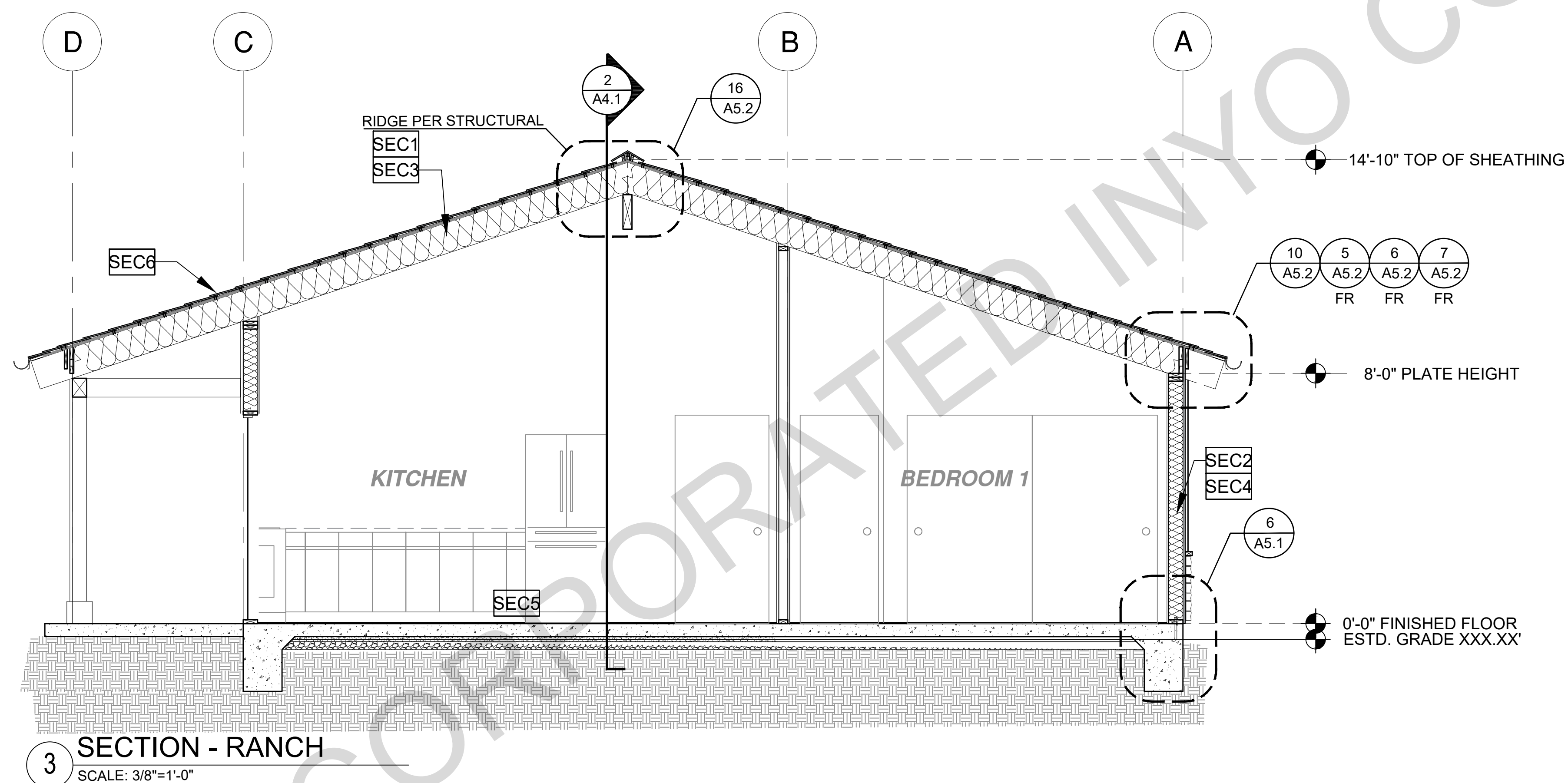
SECTION KEYNOTES	SECTION GENERAL NOTES	LEGEND
<p><b>SEC1</b> RAFTERS PER PLAN SEE STRUCTURAL</p> <p><b>SEC2</b> 2X STUDS @ 16" O.C. - SEE STRUCTURAL</p> <p><b>SEC3</b> CEILING INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC4</b> WALL INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC5</b> CONC. SLAB ON GRADE SEE STRUCTURAL</p> <p><b>SEC6</b> MINIMUM CLASS A ROOF ASSEMBLY - SEE SHEET T1.1 FOR MANUFACTURER SPECIFICATIONS</p> <p><b>SEC7</b> FLOOR INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC8</b> MINIMUM 5/8" TYPE GYPSUM BOARD</p> <p><b>SEC9</b> MINIMUM 1/2" GYPSUM BOARD</p> <p><b>SEC10</b> CEILING JOIST REQUIRED IN CLIMATE ZONE 16 ONLY. REFER TO T24 CALCULATION REPORTS</p>	<p>1. METALS            SEE PLANS AND DETAILS FOR LOCATIONS, QUANTITY AND CONFIGURATION OF MISCELLANEOUS IRON AND STEEL WORK INCLUDING ASSORTED CLIPS, BRACKETS ANGLES, STRAPS, POST ANCHORS AND LIKE ITEMS. FURNISH AND INSTALL ALL SUCH ITEMS NECESSARY TO MAKE A COMPLETE INSTALLATION WHETHER OR NOT SPECIFICALLY DETAILED OR NOTED ON THE DRAWINGS. ALL EXTERIOR METAL AND HARDWARE IS TO BE GALVANIZED. STEEL IS TO BE ASTM A3.</p> <p>2. RAFTER VENTS ARE TO BE STAINLESS STEEL MESH AND ARE TO BE SIZED TO MEET REQUIRED VENTILATION TO ENCLOSED RAFTER SPACES. MAX 1/2" MIN 1/4" OPENING SIZE ON VENT SCREEN WITH CORROSION-RESISTANT WIRE SCREEN MATERIAL.</p> <p>3. FRAMER IS TO LAYOUT CEILING JOISTS/ROOF RAFTERS TO ACCOMMODATE RECESSED LIGHTS EXHAUST FANS OR OTHER ELECTRICAL/MECHANICAL FIXTURES.</p> <p>4. WOOD SOFFIT/CEILING, SIDING &amp; TRIM ALL NAILS, FASTENERS AND HARDWARE MUST BE STAINLESS STEEL OR HOT-DIPPED GALVANIZED. STAPLES ARE NOT PERMITTED</p> <p>5. INSULATION THERMAL INSULATION IS TO BE FOIL BACKED OR AN APPROVED VAPOR BARRIER BATT INSULATION WITH AN R VALUE NOT LESS SPECIFIED IN THE TITLE 24 ENERGY CALCULATIONS. AT BATHROOMS, LAUNDRY ROOM, AND MASTER BED/BATHROOMS INSULATION IS TO BE PROVIDED WITH SOUND INSULATION.</p> <p>6. FLASHING AND SHEET METAL ALL FLASHING AND COUNTER FLASHING IS TO BE GALVANIZED AND INSTALLED AS PER SMACNA STANDARDS. ALL PROPOSED FLASHING AND SHEET METAL MATERIALS, GAUGE AND INSTALLATION IS TO BE IN ACCORDANCE WITH SMACNA MANUAL STANDARDS.</p> <p>7. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION R302.7.</p> <p>8. THE PURPOSE OF THESE DRAWINGS IS TO SHOW CONSTRUCTION MATERIAL ASSEMBLIES, FOR SPECIFIC SIZES AND DETAILS REFER TO ARCHITECTURAL PLANS, ELEVATIONS, DETAILS, &amp; STRUCTURAL PLANS. "KEYNOTES ONLY APPLY IF REFERENCED ON PLANS"</p> <p>9. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS SOFFITS, DROP CEILING AND COVE CEILING</p> <p>10. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILINGS AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E136 REQUIREMENTS FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES. SEE SECTION R1003.19 FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING-UNIT SEPARATION</p> <p>11. SECTION R302.11.1 - FIREBLOCKING MATERIALS SHALL CONSIST OF FOLLOWING MATERIALS:            1. TWO-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS            2. TWO THICKNESS OF ONE-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS            3. THE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS            4. THE THICKNESS OF 0.75-INCH PARTICLE BOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLE BOARD            5. ONE HALF-INCH GYPSUM BOARD            6. ONE FOURTH-INCH CEMENT-BASED MILLBOARD            7. BATTS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIAL INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE            8. CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION</p>	<p><b>SECTION CUT</b></p> <p><b>ELEVATION CALLOUT</b></p> <p><b>DETAIL DRAWING REF.</b></p> <p><b>ELEVATION MARKER</b></p>

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 Pre-Approved  
 ADU/SFD Program

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 description  
 Sections  
 Ranch  
 3 Bedroom

date 2024  
 project no. INYO COUNTY ADU/SFDS  
 drawn by DESIGN PATH STUDIO  
 sheet no.



3 SECTION - RANCH  
SCALE: 3/8"=1'-0"

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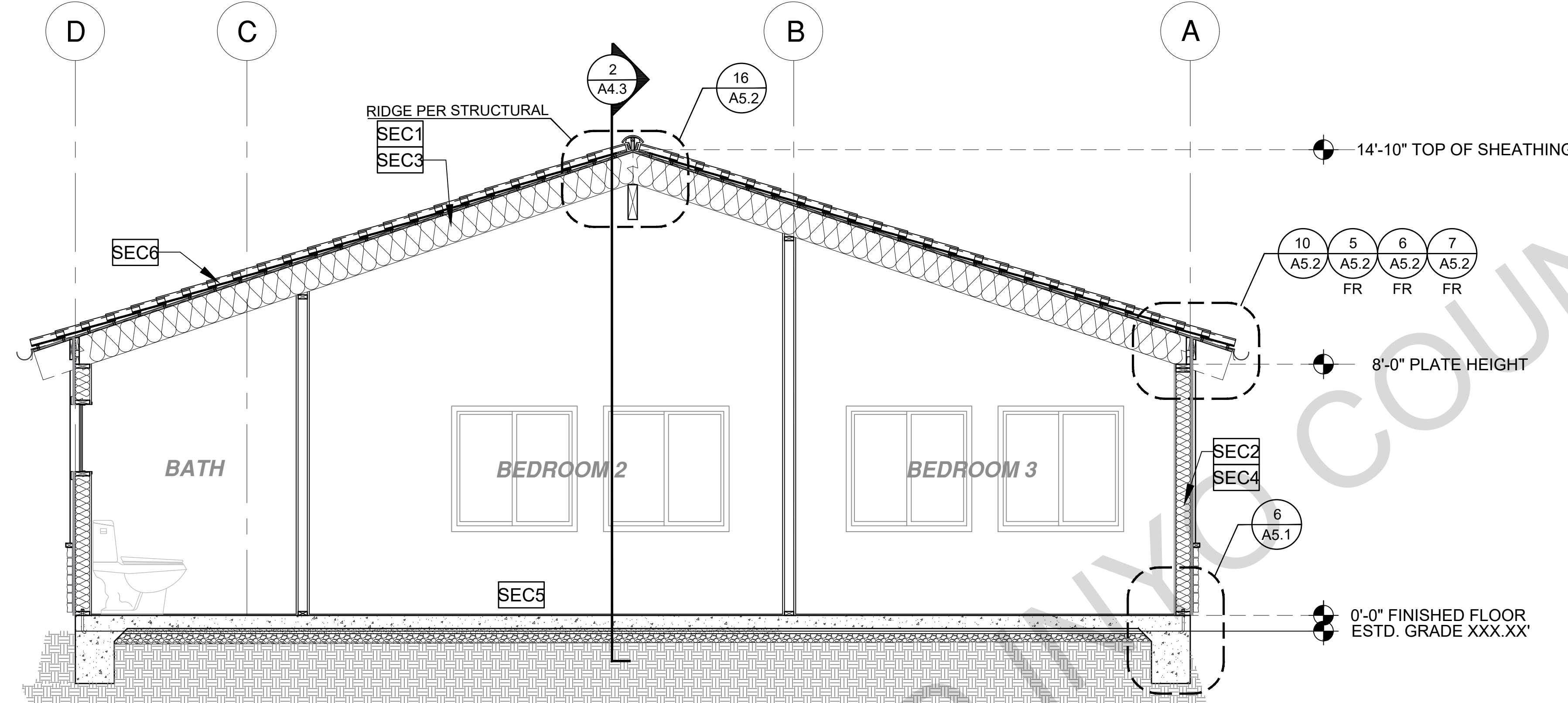
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County of Inyo  
Pre-Approved  
ADU/SFD Program

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description  
Sections  
Ranch  
3 Bedroom

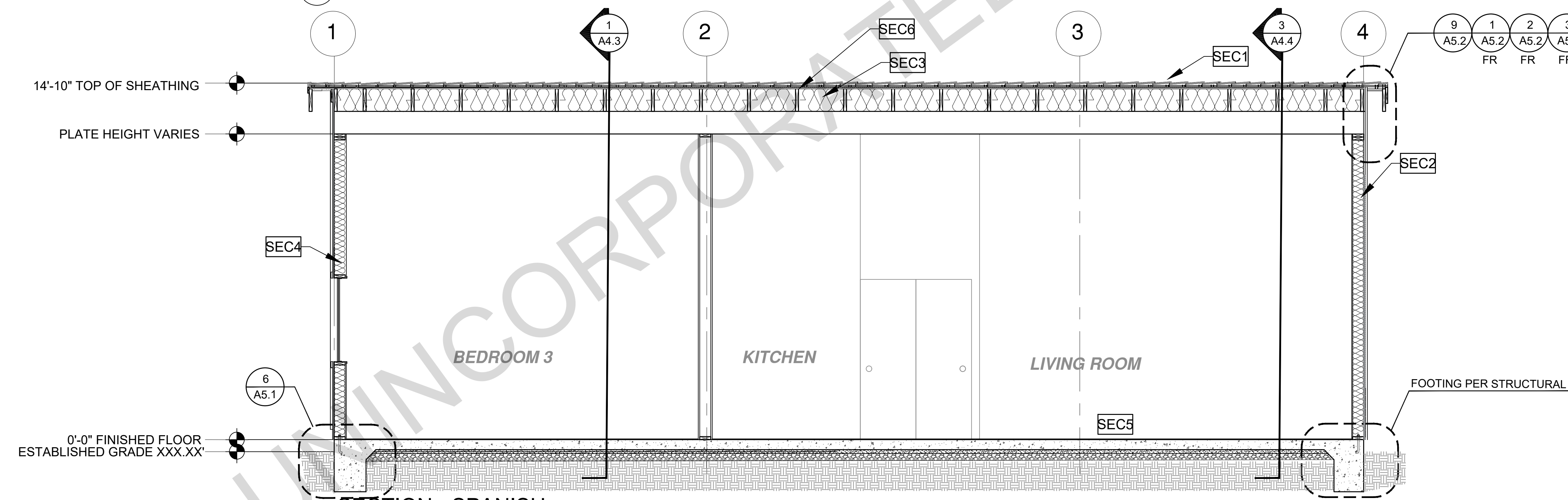
date 2024  
project no. INYO COUNTY ADU/SFDS  
drawn by DESIGN PATH STUDIO  
sheet no.

A4.2

SECTION KEYNOTES	SECTION GENERAL NOTES	LEGEND
<p><b>SEC1</b> RAFTERS PER PLAN SEE STRUCTURAL</p> <p><b>SEC2</b> 2X STUDS @ 16" O.C. - SEE STRUCTURAL</p> <p><b>SEC3</b> CEILING INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC4</b> WALL INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC5</b> CONC. SLAB ON GRADE SEE STRUCTURAL</p> <p><b>SEC6</b> MINIMUM CLASS A ROOF ASSEMBLY - SEE SHEET T1.1 FOR MANUFACTURER SPECIFICATIONS</p> <p><b>SEC7</b> FLOOR INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC8</b> MINIMUM 5/8" TYPE GYPSUM BOARD</p> <p><b>SEC9</b> MINIMUM 1/2" GYPSUM BOARD</p> <p><b>SEC10</b> CEILING JOIST REQUIRED IN CLIMATE ZONE 16 ONLY. REFER TO T24 CALCULATION REPORTS</p>	<p>1. METALS SEE PLANS AND DETAILS FOR LOCATIONS, QUANTITY AND CONFIGURATION OF MISCELLANEOUS IRON AND STEEL WORK INCLUDING ASSORTED CLIPS, BRACKETS, ANGLES, STRAPS, POST ANCHORS AND LIKE ITEMS. FURNISH AND INSTALL ALL SUCH ITEMS NECESSARY TO MAKE A COMPLETE INSTALLATION WHETHER OR NOT SPECIFICALLY DETAILED OR NOTED ON THE DRAWINGS. ALL EXTERIOR METAL AND HARDWARE IS TO BE GALVANIZED. STEEL IS TO BE ASTM A3.</p> <p>2. RAFTER VENTS ARE TO BE STAINLESS STEEL MESH AND ARE TO BE SIZED TO MEET REQUIRED VENTILATION TO ENCLOSED RAFTER SPACES. MAX 1/2" MIN 1/4" OPENING SIZE ON VENT SCREEN WITH CORROSION-RESISTANT WIRE SCREEN MATERIAL.</p> <p>3. FRAMER IS TO LAYOUT CEILING JOISTS/ROOF RAFTERS TO ACCOMMODATE RECESSED LIGHTS EXHAUST FANS OR OTHER ELECTRICAL/MECHANICAL FIXTURES.</p> <p>4. WOOD SOFFIT/CEILING, SIDING &amp; TRIM ALL NAILS, FASTENERS AND HARDWARE MUST BE STAINLESS STEEL OR HOT-DIPPED GALVANIZED. STAPLES ARE NOT PERMITTED</p> <p>5. INSULATION THERMAL INSULATION IS TO BE FOIL BACKED OR AN APPROVED VAPOR BARRIER BATT INSULATION WITH AN R VALUE NOT LESS SPECIFIED IN THE TITLE 24 ENERGY CALCULATIONS. AT BATHROOMS, LAUNDRY ROOM, AND MASTER BED/BATHROOMS INSULATION IS TO BE PROVIDED WITH SOUND INSULATION.</p> <p>6. FLASHING AND SHEET METAL ALL FLASHING AND COUNTER FLASHING IS TO BE GALVANIZED AND INSTALLED AS PER SMACNA STANDARDS. ALL PROPOSED FLASHING AND SHEET METAL MATERIALS, GAUGE AND INSTALLATION IS TO BE IN ACCORDANCE WITH SMACNA MANUAL STANDARDS.</p> <p>7. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN, ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION R302.7.</p> <p>8. THE PURPOSE OF THESE DRAWINGS IS TO SHOW CONSTRUCTION MATERIAL ASSEMBLIES. FOR SPECIFIC SIZES AND DETAILS REFER TO ARCHITECTURAL PLANS, ELEVATIONS, DETAILS, &amp; STRUCTURAL PLANS. "KEYNOTES ONLY APPLY IF REFERENCED ON PLANS"</p> <p>1. INSULATION: REFER TO TITLE 24 REPORT FOR ADDITIONAL RATINGS, REQUIREMENTS, AND INFORMATION</p> <p>2. FIRE BLOCKING TO BE LOCATED AT THE FOLLOWING LOCATIONS PER 2022 CRC SECTION R302.11: A. SECTION R302.11-1 1. FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS: A. VERTICALLY AT CEILING AND FLOOR LEVELS B. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10FT</p> <p>9. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS SOFFITS, DROP CEILINGS AND COVE CEILINGS</p> <p>10. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILINGS AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E158 REQUIREMENTS FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES. SEE SECTION R1003.19 FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING-UNIT SEPARATION</p> <p>11. SECTION R302.11.1 - FIREBLOCKING MATERIALS SHALL CONSIST OF FOLLOWING MATERIALS: 1. TWO-INCH NOMINAL LUMBER 2. TWO THICKNESS OF ONE-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS 3. THE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS 4. THE THICKNESS OF 0.75-INCH PARTICLE BOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLE BOARD 5. ONE HALF-INCH GYPSUM BOARD 6. ONE FOURTH-INCH CEMENT-BASED MILLBOARD 7. BATTS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIAL INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE 8. CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION</p>	<p><b>LEGEND</b></p> <p>SECTION CUT</p> <p>ELEVATION CALLOUT</p> <p>DETAIL DRAWING REF.</p> <p>ELEVATION MARKER</p>



1 SECTION - SPANISH  
 SCALE: 3/8"=1'-0"



3 SECTION - SPANISH  
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LEGEND	
	SECTION CUT
	ELEVATION CALLOUT
	DETAIL DRAWING REF.
	ELEVATION MARKER

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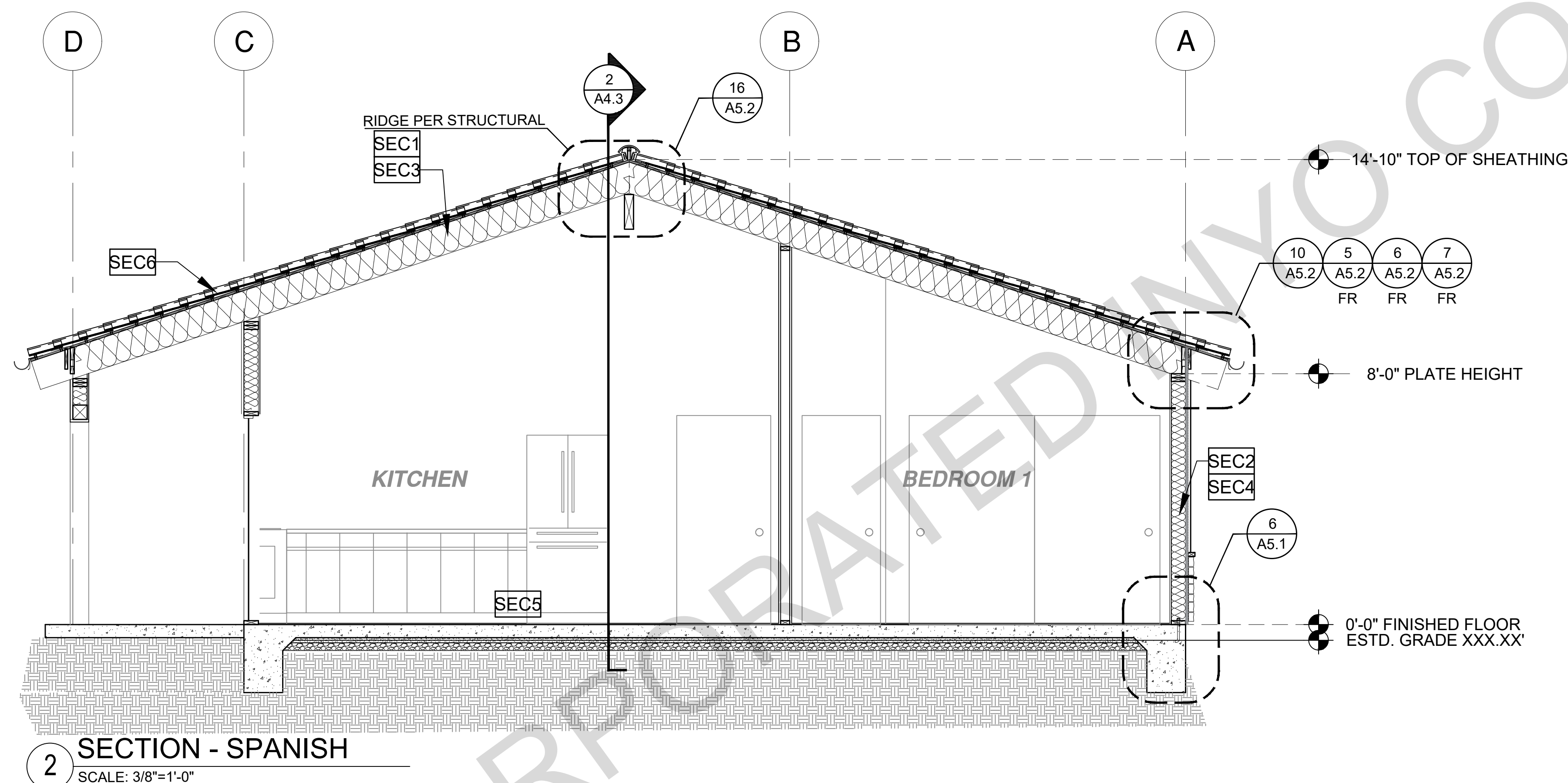
description  
 Sections  
 Spanish  
 3 Bedroom

date 2024

project no. INYO COUNTY ADU/SFDS

drawn by DESIGN PATH STUDIO

sheet no. A4.3



2 SECTION - SPANISH  
 SCALE: 3/8"=1'-0"

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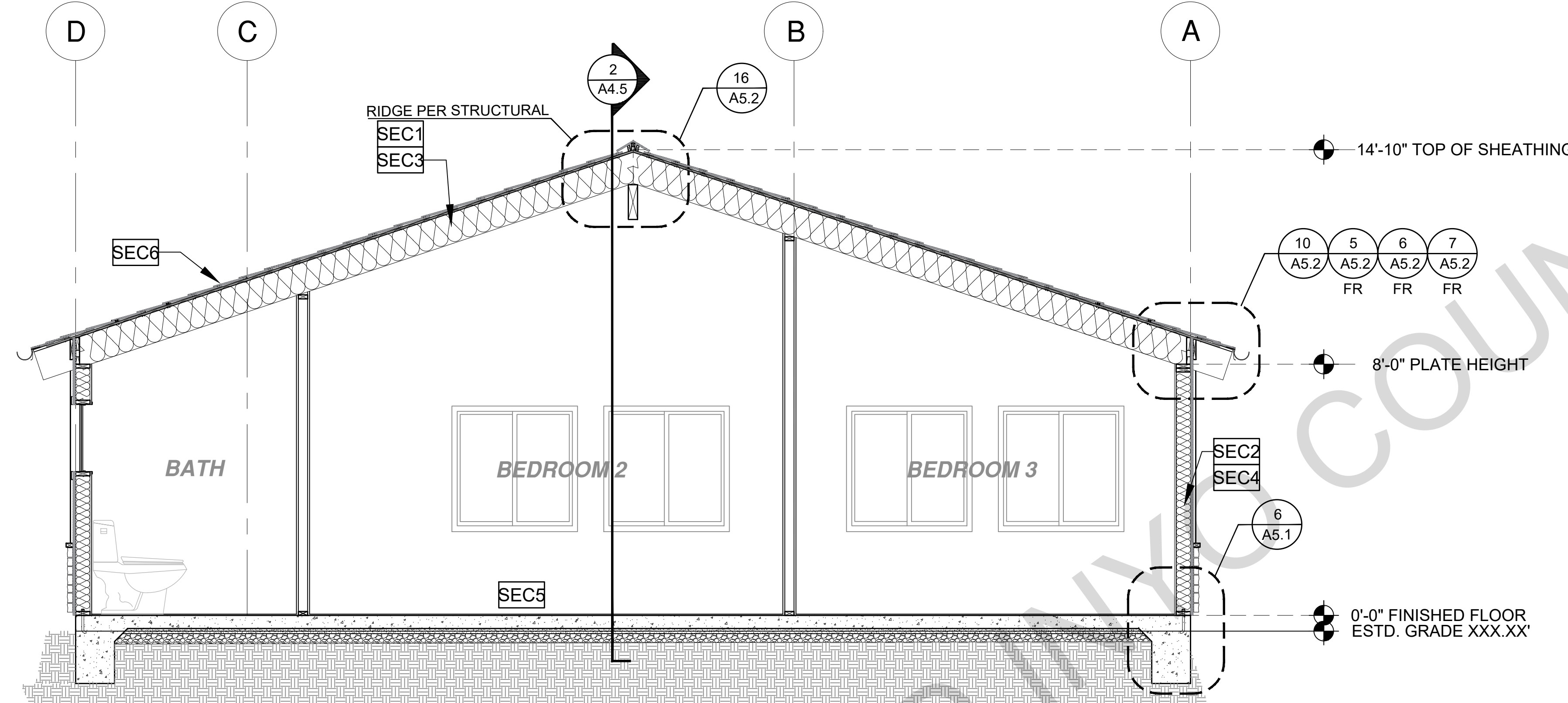
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 3 Bedroom

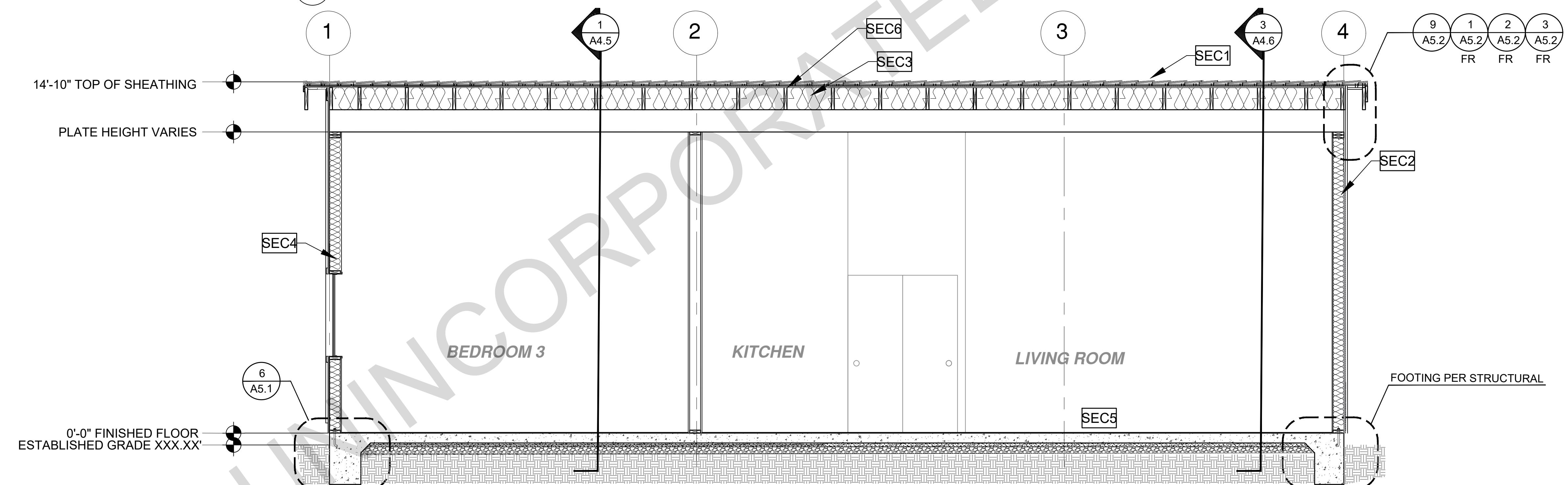
date 2024  
 project no. INYO COUNTY ADU/SFDS  
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 sheet no.

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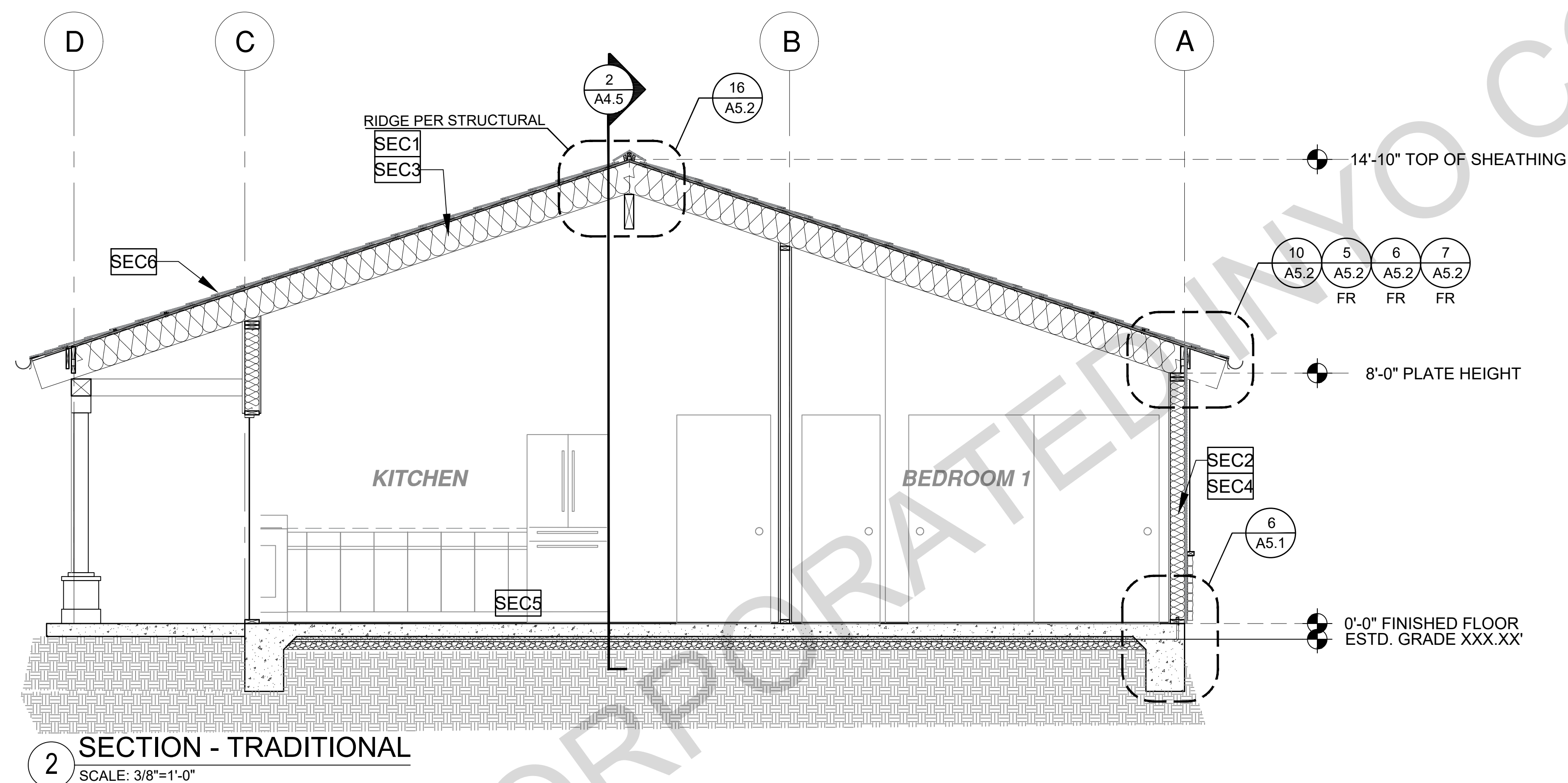
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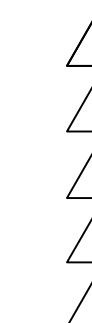


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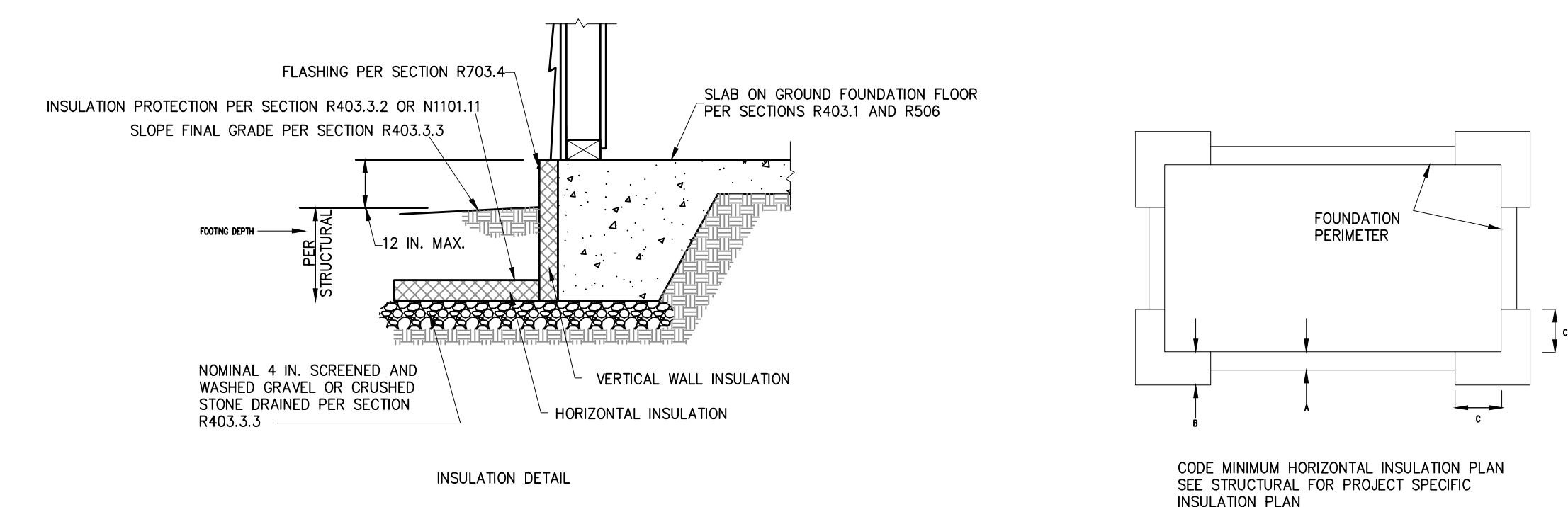
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<p><b>SEC1</b> RAFTERS PER PLAN SEE STRUCTURAL</p> <p><b>SEC2</b> 2X STUDS @ 16" O.C. - SEE STRUCTURAL</p> <p><b>SEC3</b> CEILING INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC4</b> WALL INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC5</b> CONC. SLAB ON GRADE SEE STRUCTURAL</p> <p><b>SEC6</b> MINIMUM CLASS A ROOF ASSEMBLY - SEE SHEET T1.1 FOR MANUFACTURER SPECIFICATIONS</p> <p><b>SEC7</b> FLOOR INSULATION PER TITLE 24 ENERGY CALCULATIONS</p> <p><b>SEC8</b> MINIMUM 5/8" TYPE GYPSUM BOARD</p> <p><b>SEC9</b> MINIMUM 1/2" GYPSUM BOARD</p> <p><b>SEC10</b> CEILING JOIST REQUIRED IN CLIMATE ZONE 16 ONLY. REFER TO T24 CALCULATION REPORTS</p>	<p>1. METALS SEE PLANS AND DETAILS FOR LOCATIONS, QUANTITY AND CONFIGURATION OF MISCELLANEOUS IRON AND STEEL WORK INCLUDING ASSORTED CLIPS, BRACKETS, ANGLES, STRAPS, POST ANCHORS AND LIKE ITEMS. FURNISH AND INSTALL ALL SUCH ITEMS NECESSARY TO MAKE A COMPLETE INSTALLATION WHETHER OR NOT SPECIFICALLY DETAILED OR NOTED ON THE DRAWINGS. ALL EXTERIOR METAL AND HARDWARE IS TO BE GALVANIZED. STEEL IS TO BE ASTM A3.</p> <p>2. RAFTER VENTS ARE TO BE STAINLESS STEEL MESH AND ARE TO BE SIZED TO MEET REQUIRED VENTILATION TO ENCLOSED RAFTER SPACES. MAX 1/2" MIN 1/4" OPENING SIZE ON VENT SCREEN WITH CORROSION-RESISTANT WIRE SCREEN MATERIAL.</p> <p>3. FRAMER IS TO LAYOUT CEILING JOISTS/ROOF RAFTERS TO ACCOMMODATE RECESSED LIGHTS EXHAUST FANS OR OTHER ELECTRICAL/MECHANICAL FIXTURES.</p> <p>4. WOOD SOFFIT/CEILING, SIDING &amp; TRIM ALL NAILS, FASTENERS AND HARDWARE MUST BE STAINLESS STEEL OR HOT-DIPPED GALVANIZED. STAPLES ARE NOT PERMITTED</p> <p>5. INSULATION THERMAL INSULATION IS TO BE FOIL BACKED OR AN APPROVED VAPOR BARRIER BATT INSULATION WITH AN R VALUE NOT LESS SPECIFIED IN THE TITLE 24 ENERGY CALCULATIONS. AT BATHROOMS, LAUNDRY ROOM, AND MASTER BED/BATHROOMS INSULATION IS TO BE PROVIDED WITH SOUND INSULATION.</p> <p>6. FLASHING AND SHEET METAL ALL FLASHING AND COUNTER FLASHING IS TO BE GALVANIZED AND INSTALLED AS PER SMACNA STANDARDS. ALL PROPOSED FLASHING AND SHEET METAL MATERIALS, GAUGE AND INSTALLATION IS TO BE IN ACCORDANCE WITH SMACNA MANUAL STANDARDS.</p> <p>7. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN, ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION R302.7.</p> <p>8. THE PURPOSE OF THESE DRAWINGS IS TO SHOW CONSTRUCTION MATERIAL ASSEMBLIES, FOR SPECIFIC SIZES AND DETAILS REFER TO ARCHITECTURAL PLANS, ELEVATIONS, DETAILS, &amp; STRUCTURAL PLANS. "KEYNOTES ONLY APPLY IF REFERENCED ON PLANS"</p> <p>1. INSULATION: REFER TO TITLE 24 REPORT FOR ADDITIONAL RATINGS, REQUIREMENTS, AND INFORMATION</p> <p>2. FIRE BLOCKING TO BE LOCATED AT THE FOLLOWING LOCATIONS PER 2022 CRC SECTION R302.11: A. SECTION R302.11: 1. FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS: A. VERTICALLY AT CEILING AND FLOOR LEVELS B. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10FT</p> <p>9. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS SOFFITS, DROP CEILINGS AND COVE CEILINGS</p> <p>10. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILINGS AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E136 REQUIREMENTS FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, SEE SECTION R1003.19</p> <p>FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING-UNIT SEPARATION</p> <p>11. SECTION R302.11.1 - FIREBLOCKING MATERIALS SHALL CONSIST OF FOLLOWING MATERIALS: 1. TWO-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS 2. TWO THICKNESS OF ONE-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS 3. THE THICKNESS OF 0.719-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 0.719-INCH WOOD STRUCTURAL PANELS 4. THE THICKNESS OF 0.75-INCH PARTICLE BOARD WITH JOINTS BACKED BY 0.75-INCH PARTICLE BOARD 5. ONE-HALF-INCH GYPSUM BOARD 6. ONE-FOURTH-INCH CEMENT-BASED MILLBOARD 7. BATTS OR BLANKETS OF MINERAL WOOL, MINERAL FIBER OR OTHER APPROVED MATERIAL INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE 8. CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION</p>	<p><b>LEGEND</b></p> <p> SECTION CUT</p> <p> ELEVATION CALLOUT</p> <p> DETAIL DRAWING REF.</p> <p> ELEVATION MARKER</p>

**R403.3 FROST-PROTECTED SHALLOW FOUNDATION**  
FOR BUILDINGS WHERE THE MONTHLY MEAN TEMPERATURE OF THE BUILDING IS MAINTAINED AT NOT LESS THAN 64 F (18 C), FOOTINGS ARE NOT REQUIRED TO EXTEND BELOW THE FROST LINE WHERE PROTECTED FROM FROST BY INSULATION IN ACCORDANCE WITH FIGURE R403.3(1) AND TABLE R403.3(1). FOUNDATIONS PROTECTED FROM FROST IN ACCORDANCE WITH FIGURE R403.3(1) AND TABLE R403.3(1) SHALL NOT BE USED FOR UNHEATED SPACES SUCH AS PORCHES, UTILITY ROOMS, GARAGE, AND CARPORTS, AND SHALL NOT BE ATTACHED TO BASEMENTS OR CRAWL SPACES THAT ARE NOT MAINTAINED AT A MINIMUM MONTHLY MEAN TEMPERATURE OF 64 F (18 C)

MATERIALS USED BELOW GRADE FOR THE PURPOSE OF INSULATING FOOTINGS AGAINST FROST SHALL BE LABELED AS COMPLYING WITH ASTM C578

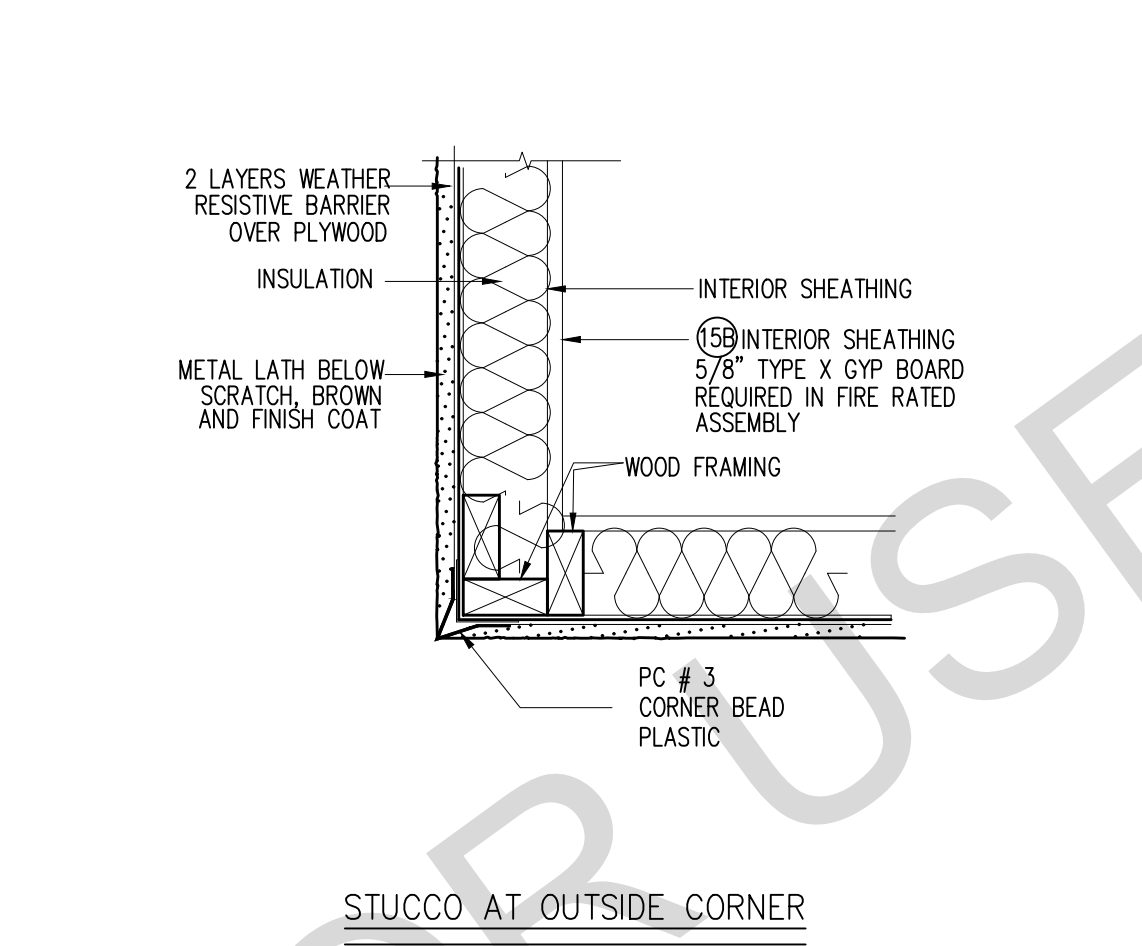
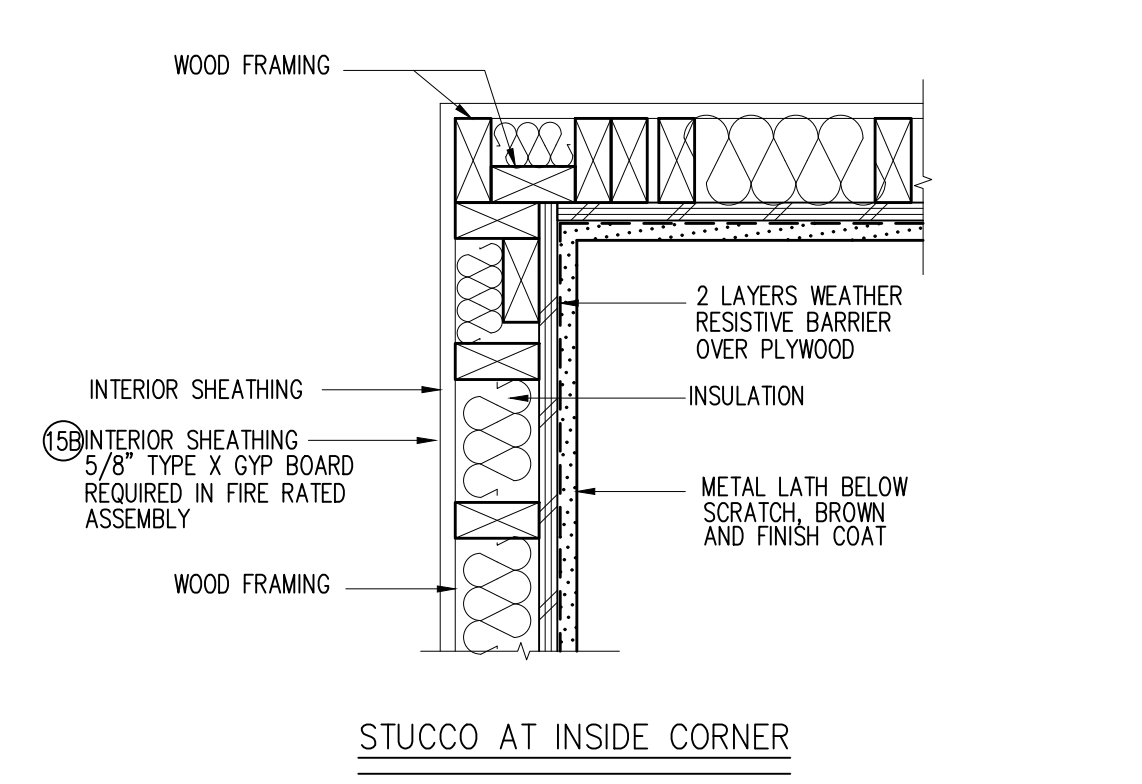


**TABLE R403.3(1) MINIMUM FOOTING DEPTH AND INSULATION REQUIREMENTS FOR FROST-PROTECTED FOOTINGS IN HEATED BUILDINGS<sup>8</sup>**

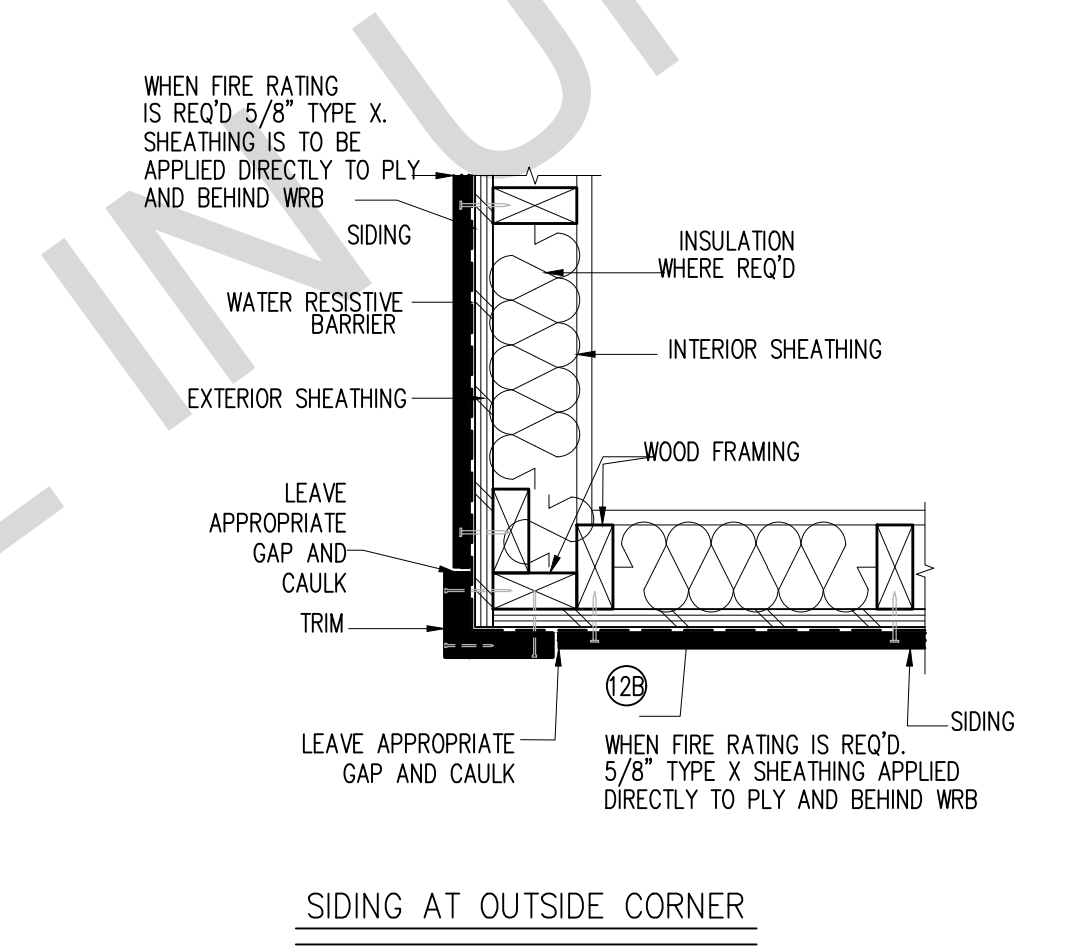
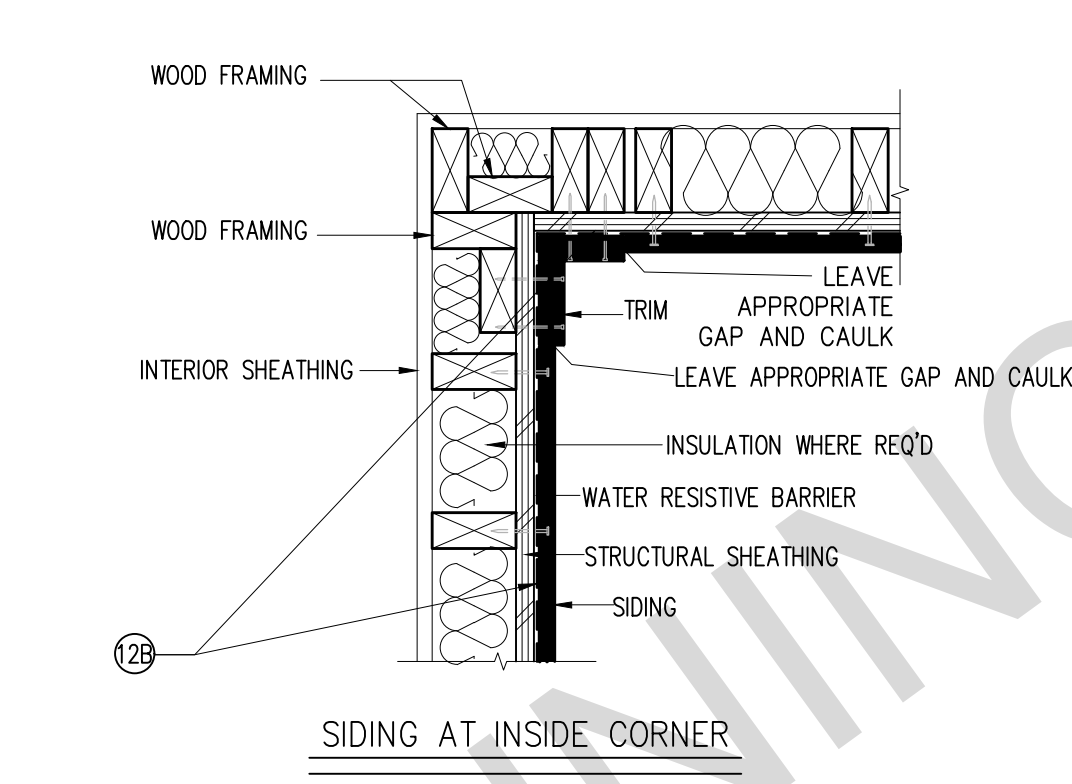
AIR-FREEZING INDEX (°F days) <sup>a</sup>	MINIMUM FOOTING DEPTH, D (inches)	VERTICAL INSULATION R-VALUE <sup>b</sup>	HORIZONTAL INSULATION R-VALUE <sup>c</sup>		HORIZONTAL INSULATION DIMENSIONS PER Figure R403.3(1) (inches)		
			Along walls	At corners	A	B	C
1,500 or less	12	4.5	Not required	Not required	Not required	Not required	Not required
2,000	14	5.6	Not required	Not required	Not required	Not required	Not required
2,500	16	6.7	1.7	4.9	12	24	40
3,000	16	7.8	6.5	8.6	12	24	40
3,500	16	9.0	8.0	11.2	24	30	60
4,000	16	10.1	10.5	13.1	24	36	60

For SI: 1 inch = 25.4 mm; °C = [(°F) - 32] / 1.8  
 a. Insulation requirements are for protection against frost damage in heated buildings. Greater values could be required to meet energy conservation standards.  
 b. See Figure R403.3(2) or Table R403.3(2) for Air-Freezing Index values.  
 c. Insulation materials shall provide the stated minimum R-values under long-term exposure to moist, below-ground conditions in freezing climates. The following R-values shall be used to determine insulation thicknesses required for this application: Type II expanded polystyrene (EPS)-3.2 R per inch for vertical insulation and 2.6 R per inch for horizontal insulation; Type IX expanded polystyrene (EPS)-3.4 R per inch for vertical insulation and 2.8 R per inch for horizontal insulation; Types IV, V, VI, VII, and X extruded polystyrene (XPS)-4.5 R per inch for vertical insulation and 4.0 R per inch for horizontal insulation.  
 d. Vertical insulation shall be expanded polystyrene insulation or extruded polystyrene insulation.  
 e. Horizontal insulation shall be expanded polystyrene insulation or extruded polystyrene insulation.

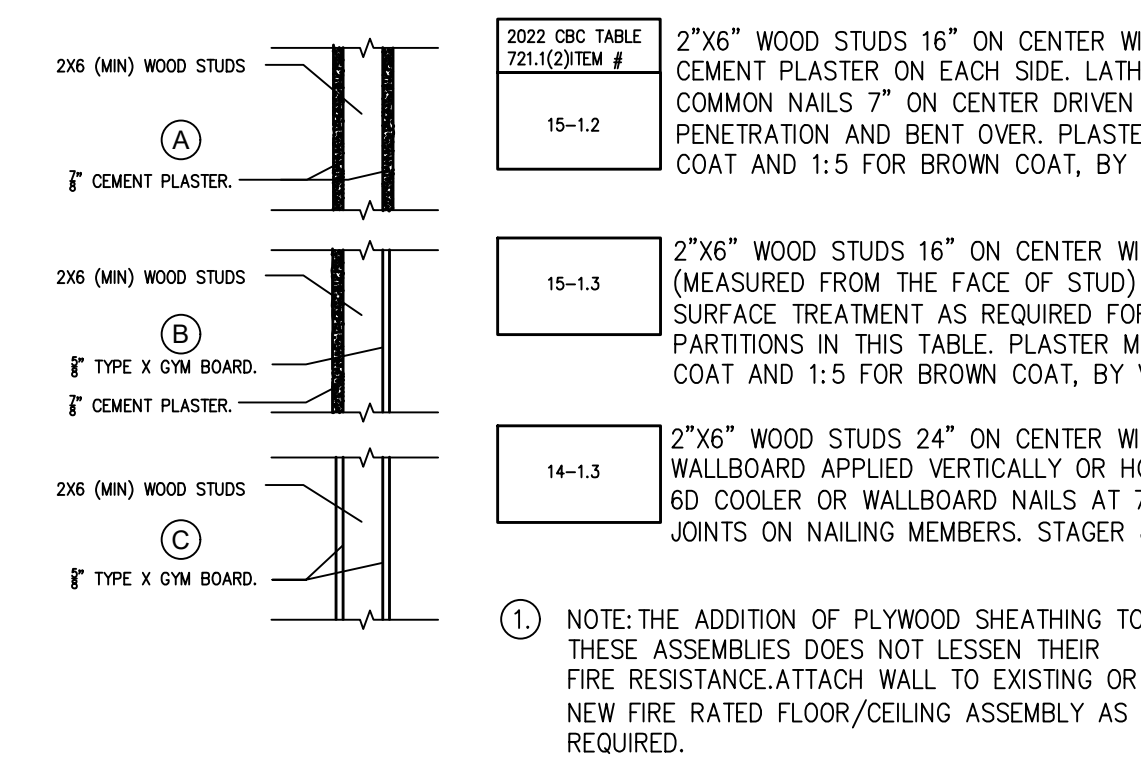
**14 TYPICAL DETAIL FOR FROST PROTECTED SHALLOW FOOTING**  
SCALE: 1/2"=1'-0"



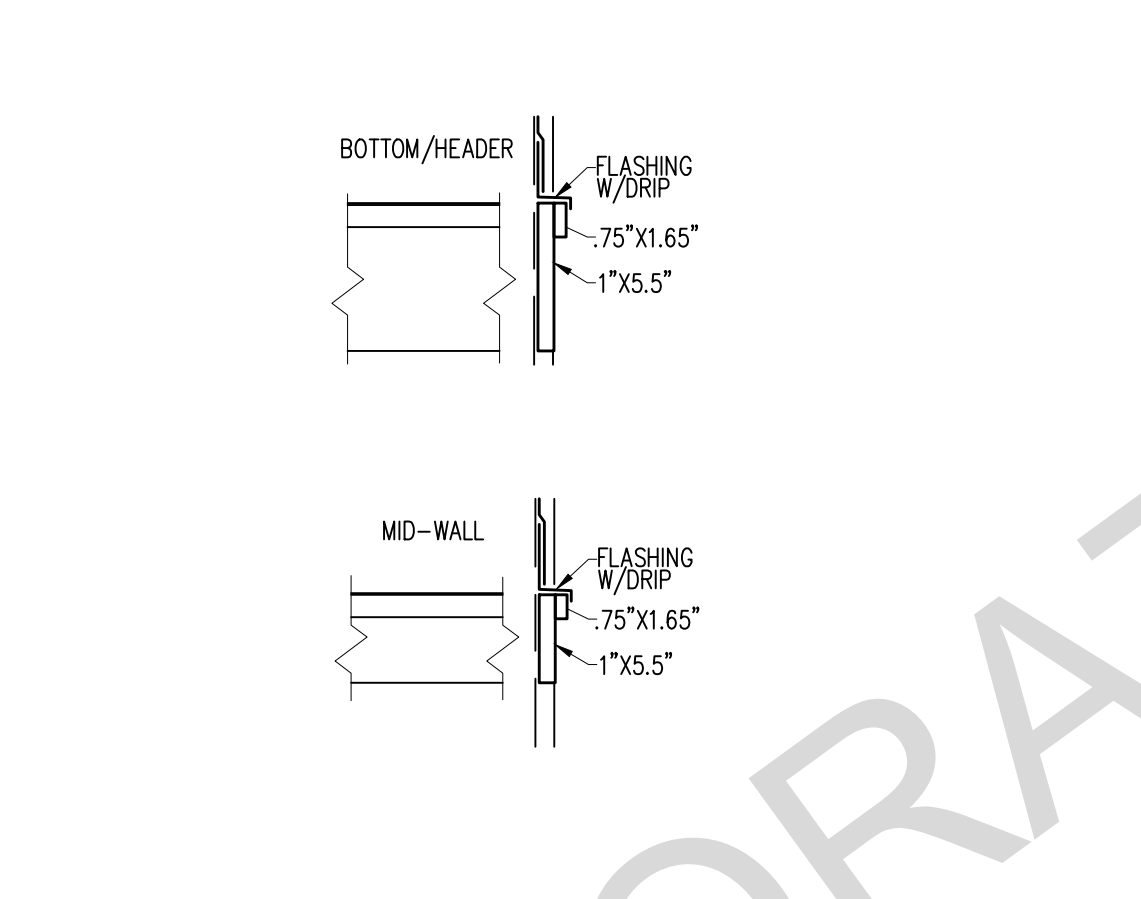
**15B FIRE RATED STUCCO WALL**  
**15A STUCCO WALL**  
SCALE: 1/2"=1'-0"



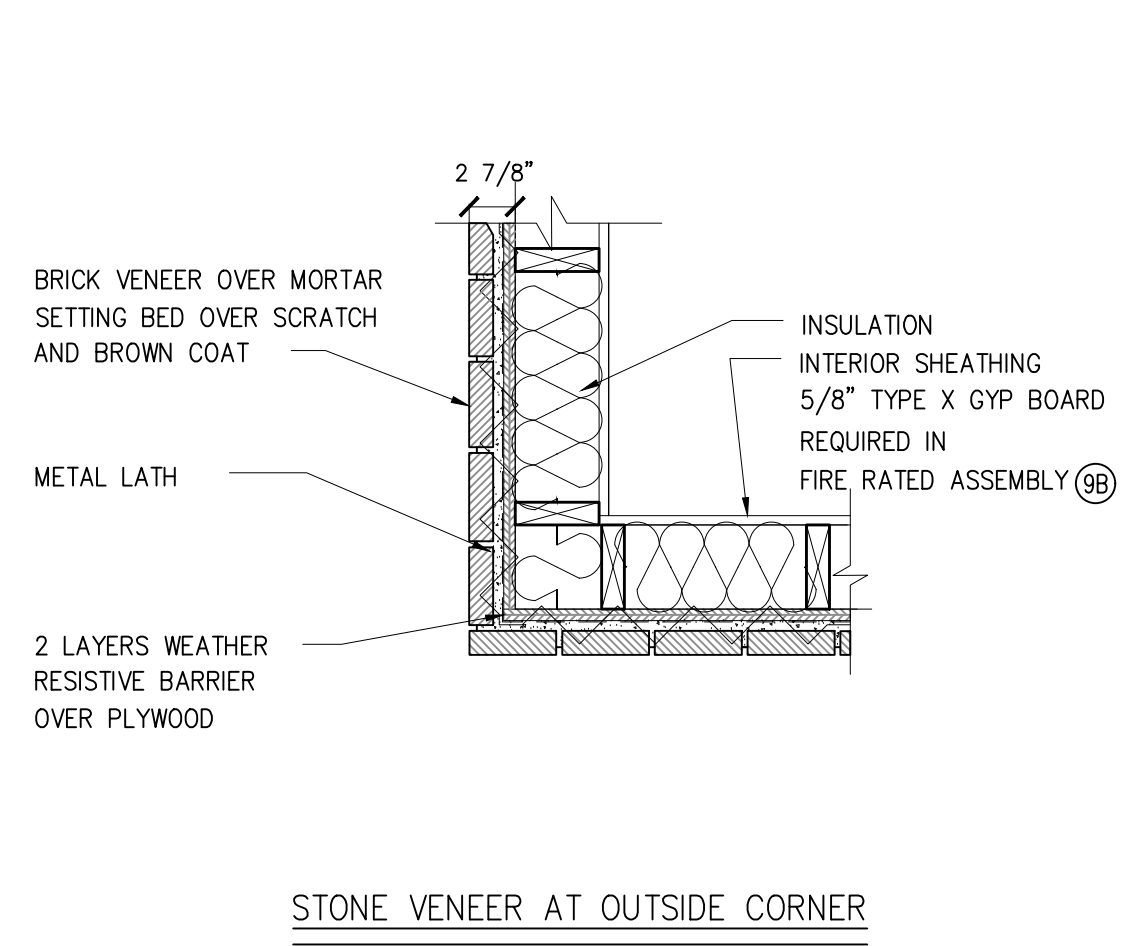
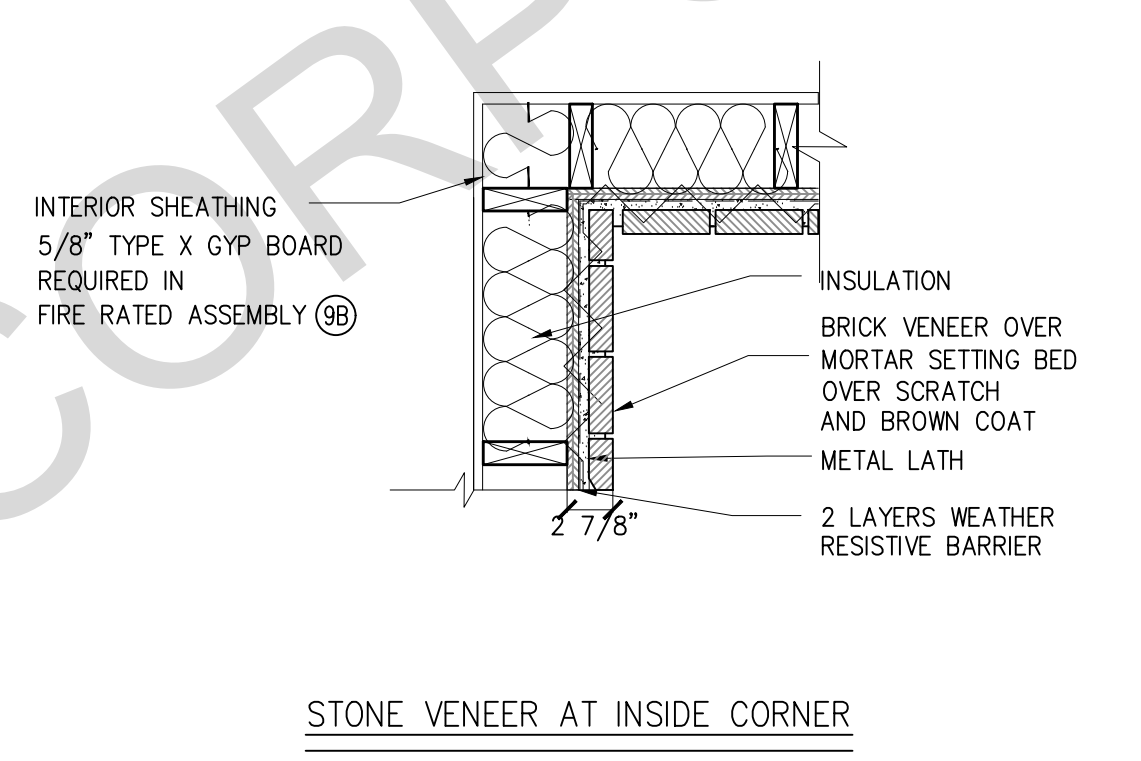
**12B FIRE RATED SIDING WALL**  
**12A SIDING WALL**  
SCALE: 1/2"=1'-0"



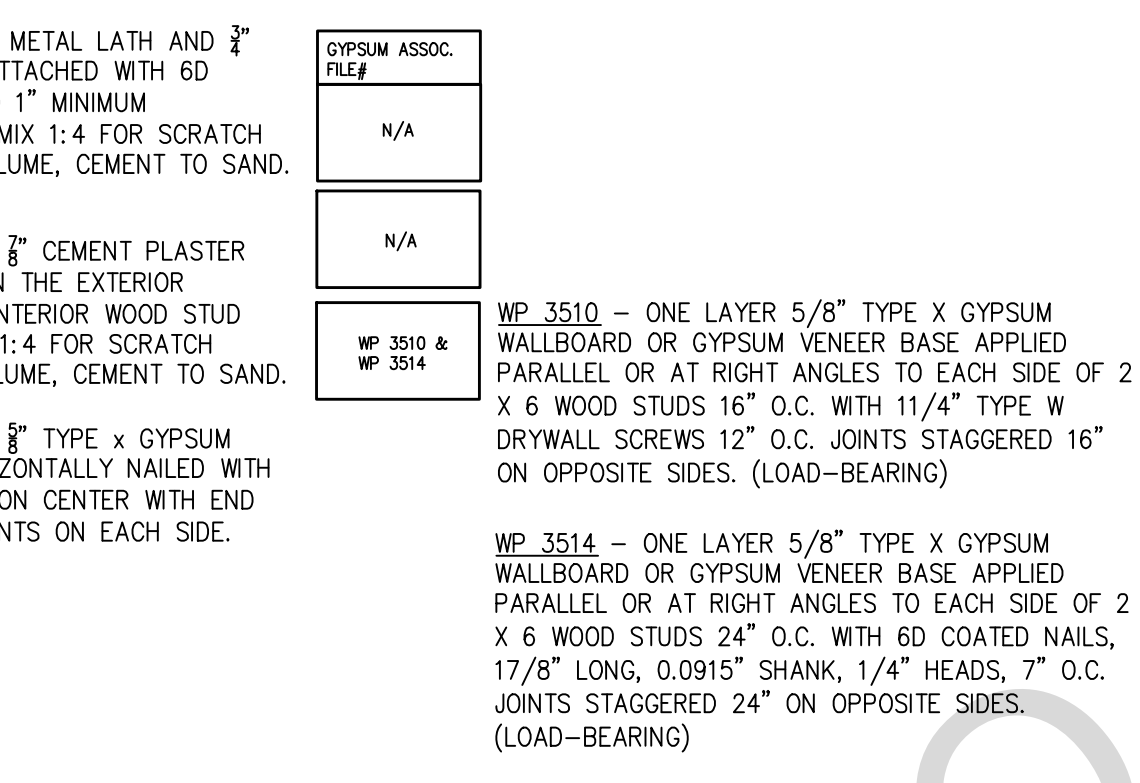
**4 FIRE RESISTIVE 1-HOUR WOOD FRAMED WALLS**  
SCALE: NTS



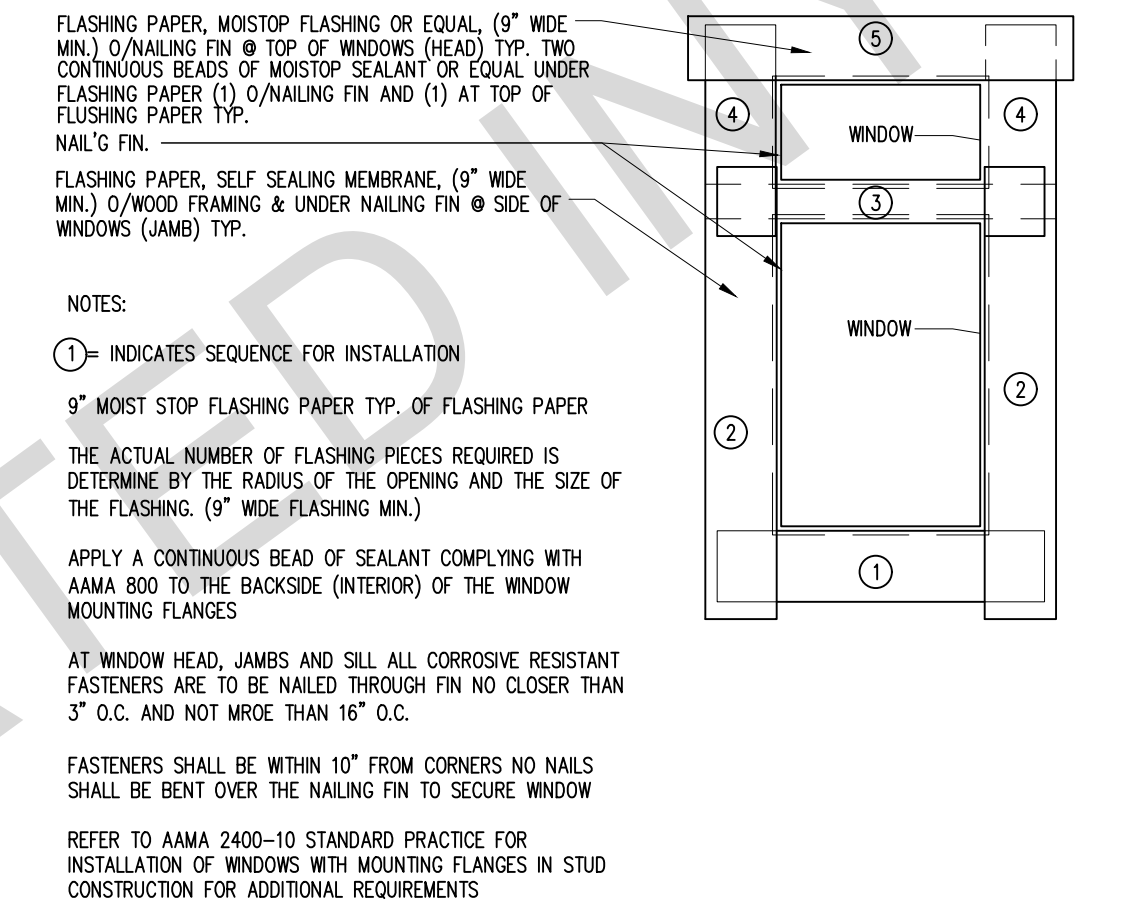
**8 TRIM PROFILE**  
SCALE: NTS



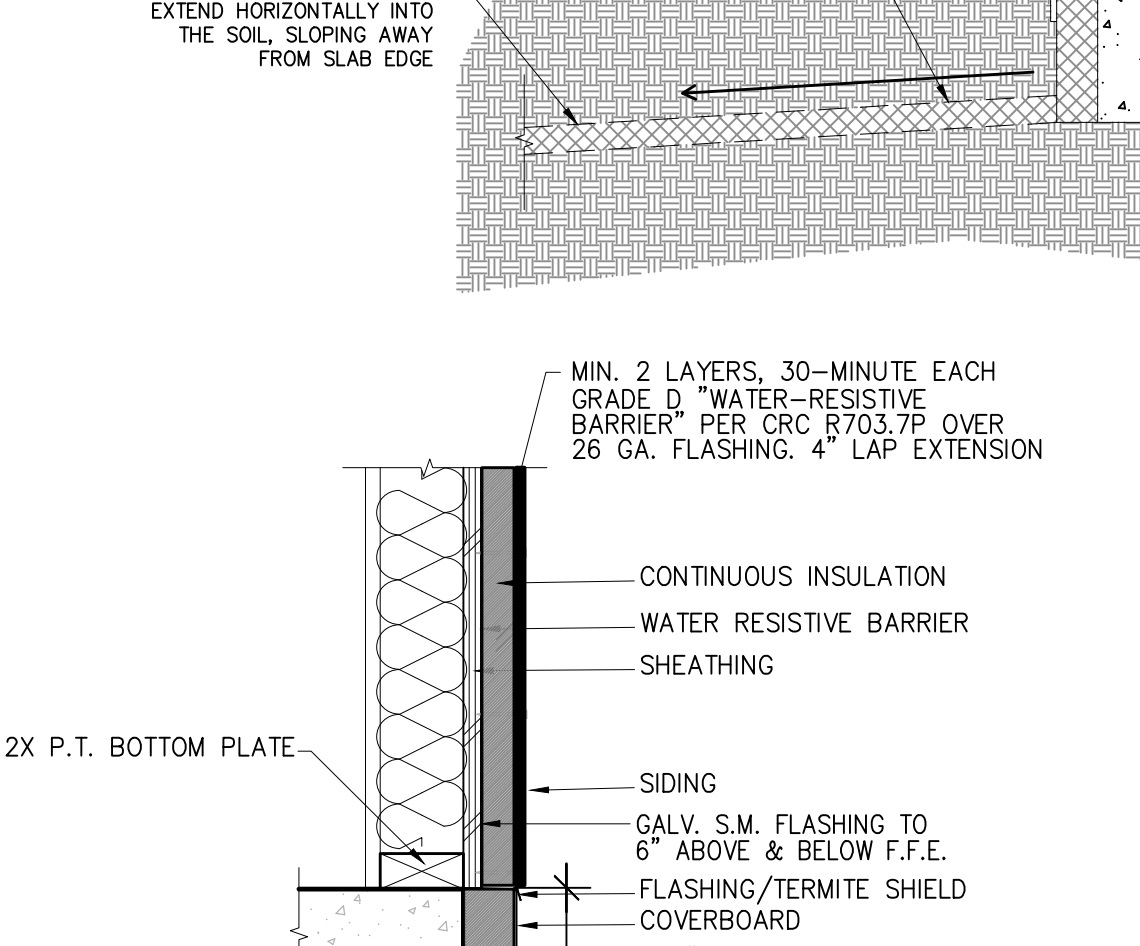
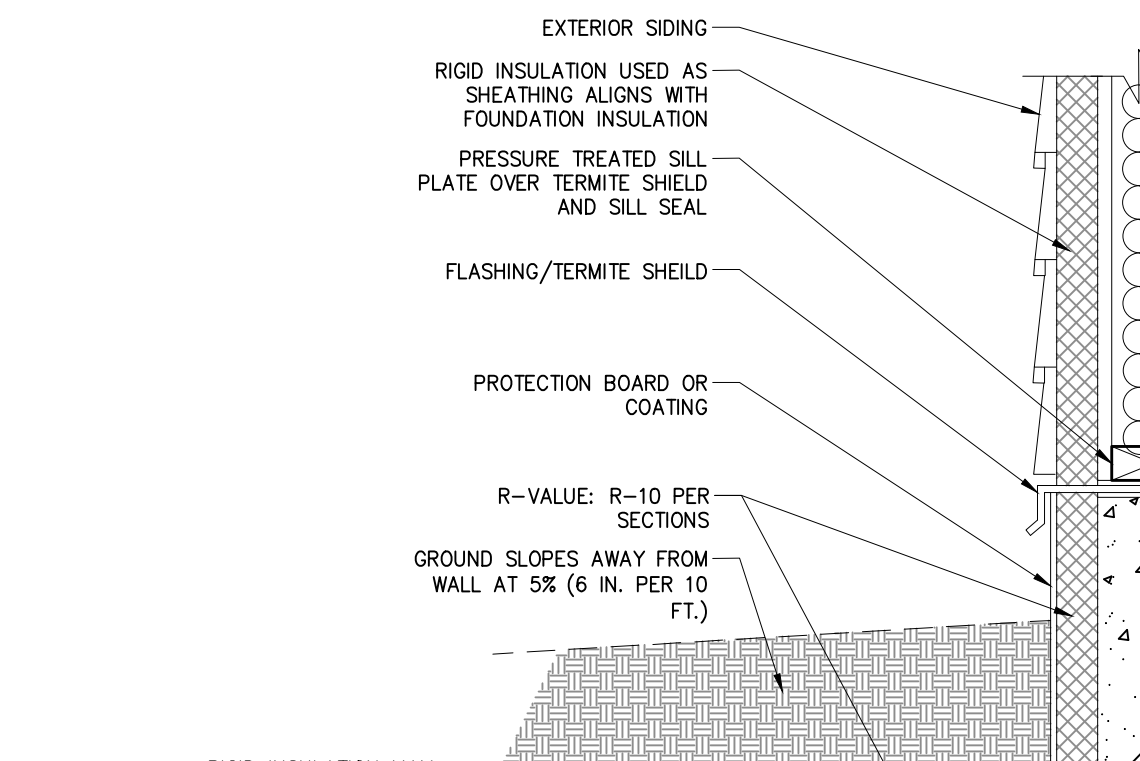
**9B FIRE RATED STONE WALL**  
**9A STONE WALL**  
SCALE: 1/2"=1'-0"



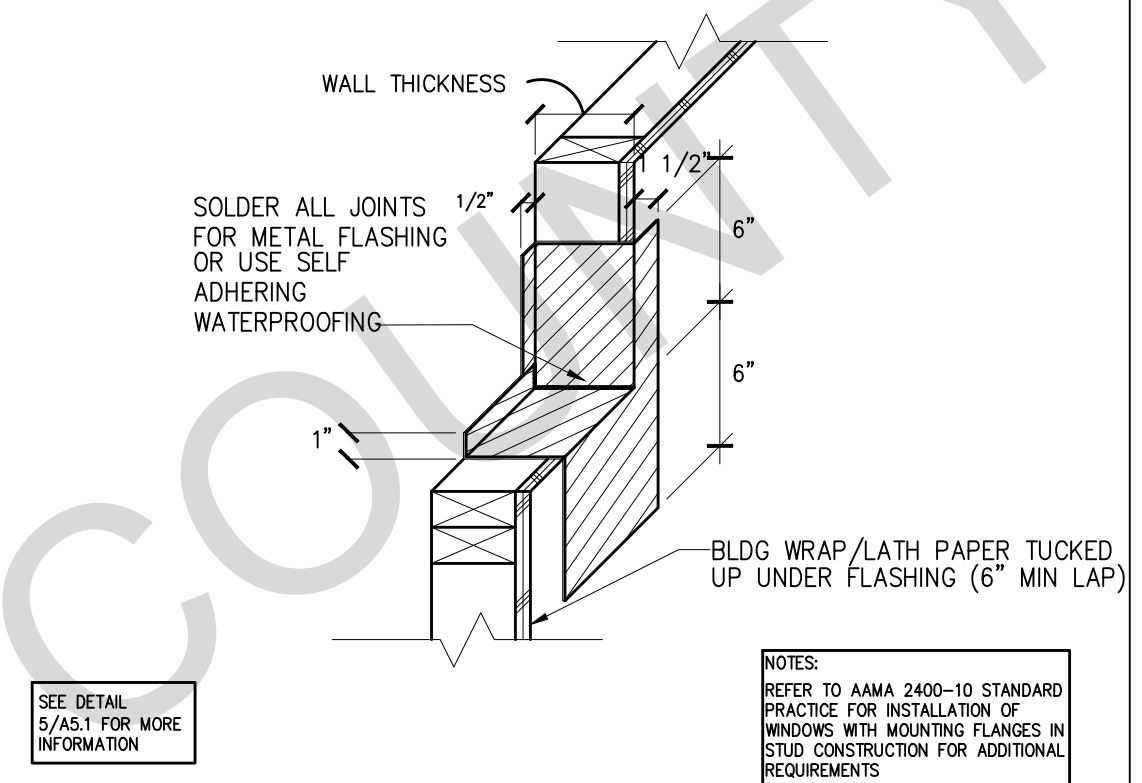
**5 WINDOW FLASHING**  
SCALE: NTS



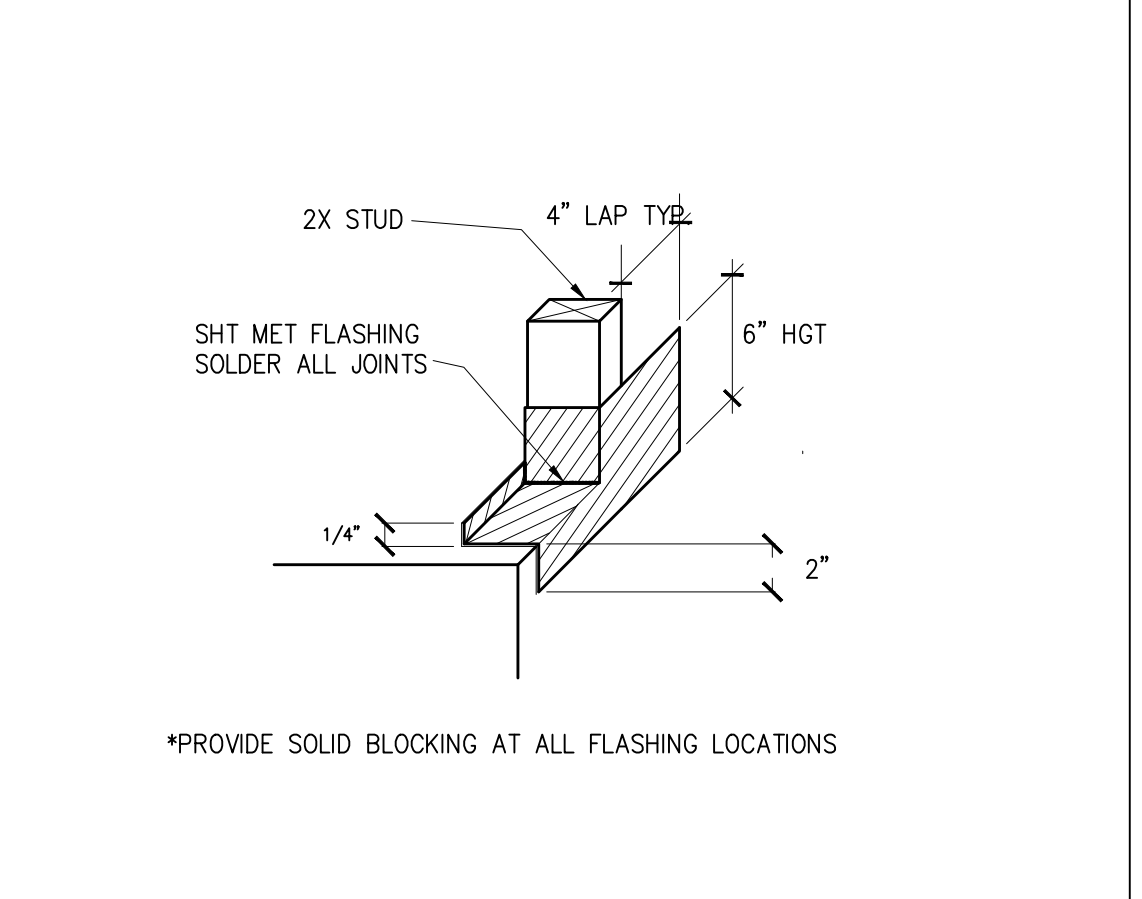
**8 TRIM PROFILE**  
SCALE: NTS



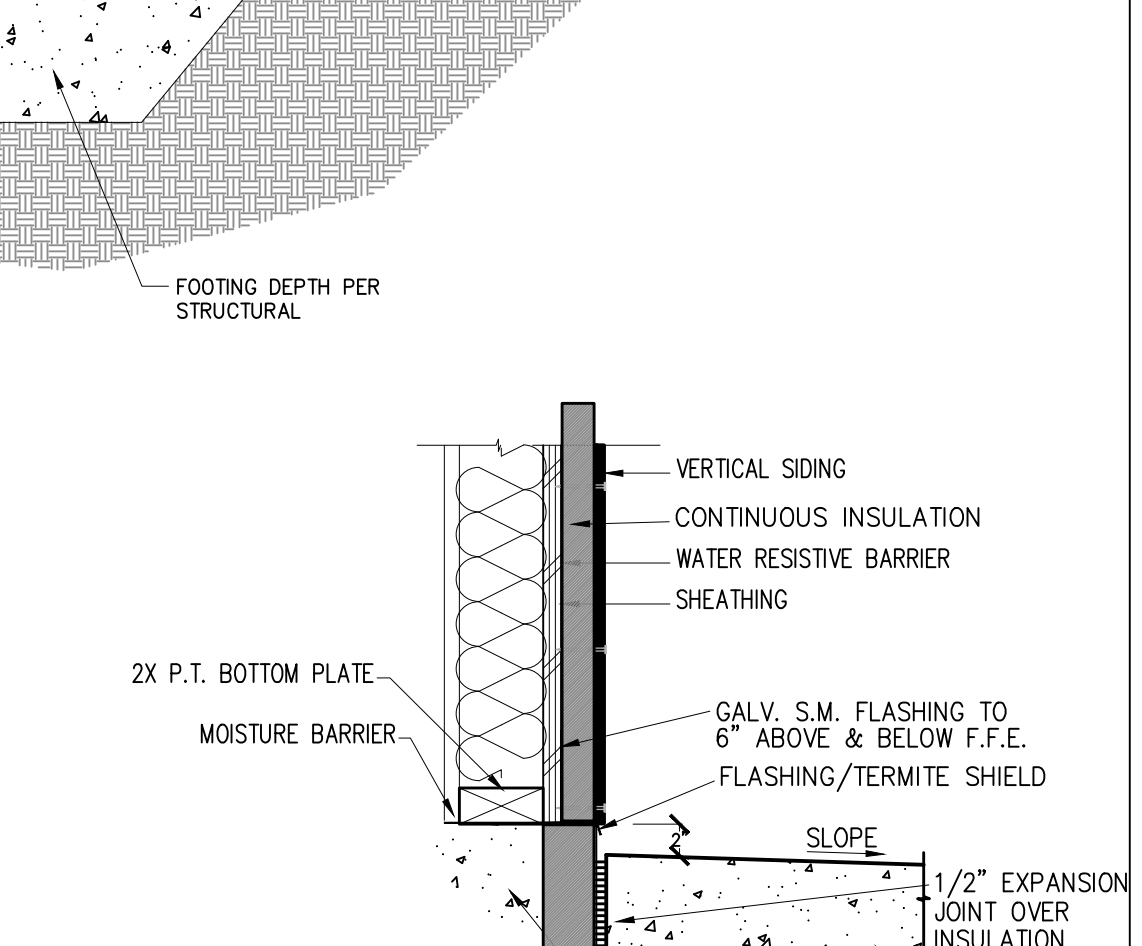
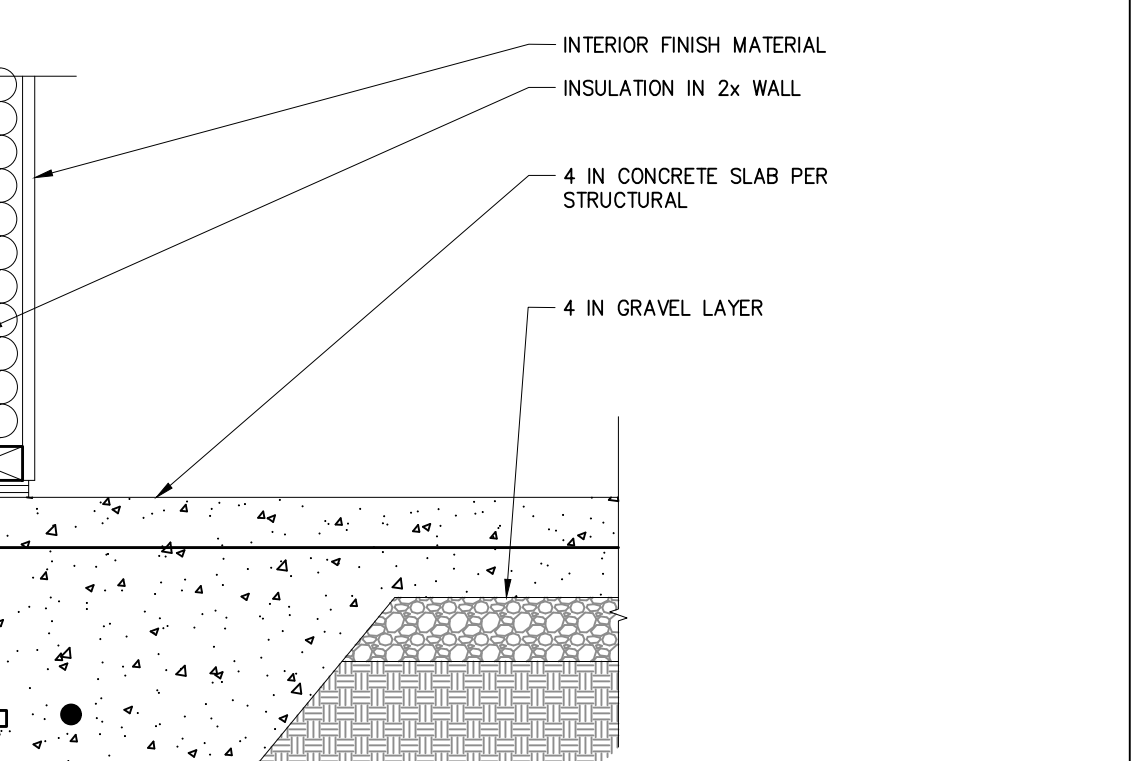
**6 SIDING - WALL SECTION**  
**6 SIDING AT GRADE**  
SCALE: 1/2"=1'-0"



**1 WINDOW SILL FLASHING**  
SCALE: 1/2"=1'-0"



**2 DOOR THRESHOLD FLASHING**  
SCALE: 1/2"=1'-0"



**6 SIDING AT CONCRETE WALK**  
SCALE: 1/2"=1'-0"

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project  
 County of Inyo  
 Pre-Approved  
 ADU/SFD Program

revisions  
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description  
**Architectural  
 Wall Finish  
 Details**

date 2024

project no. INYO COUNTY ADU/SFDs

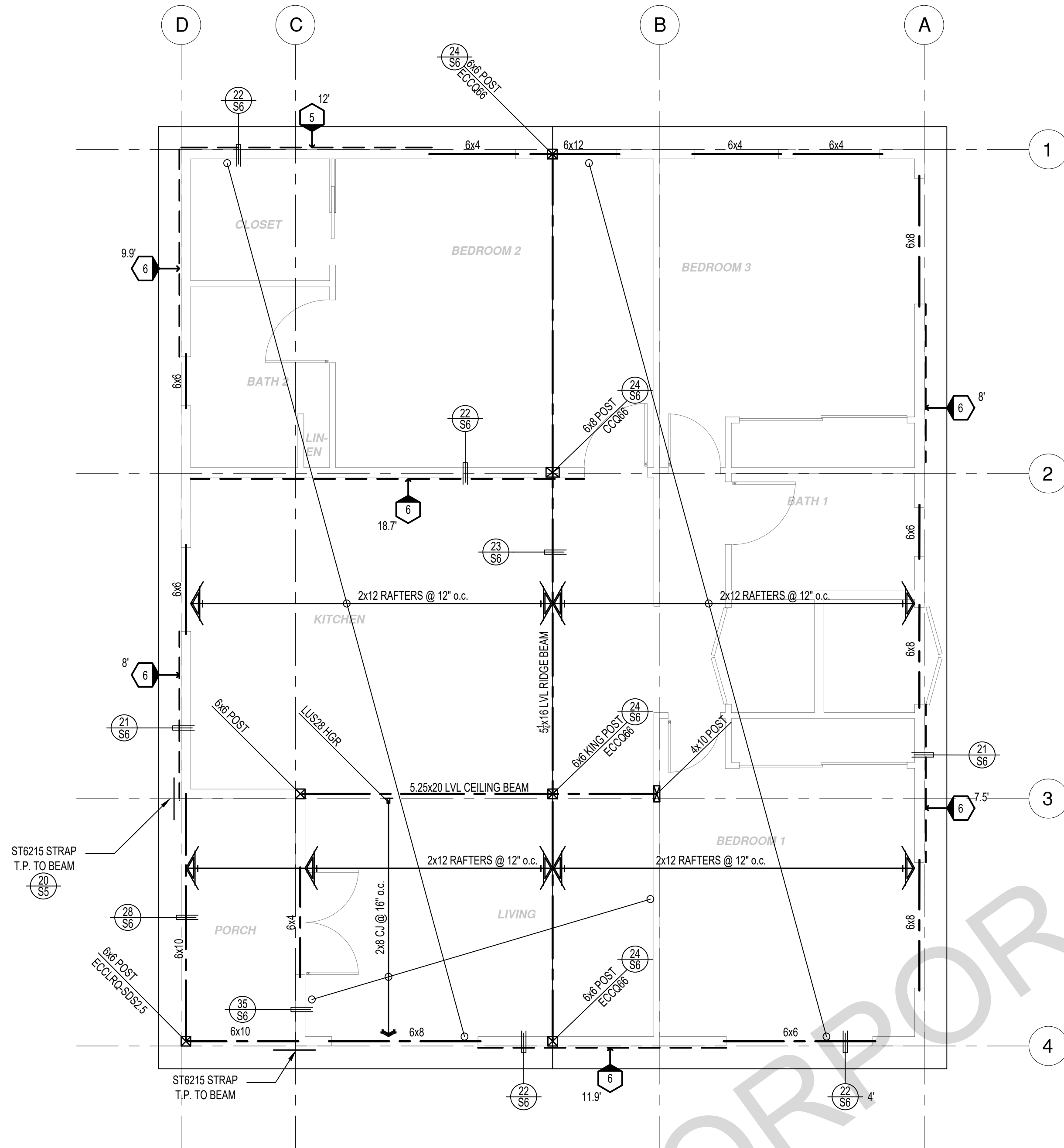
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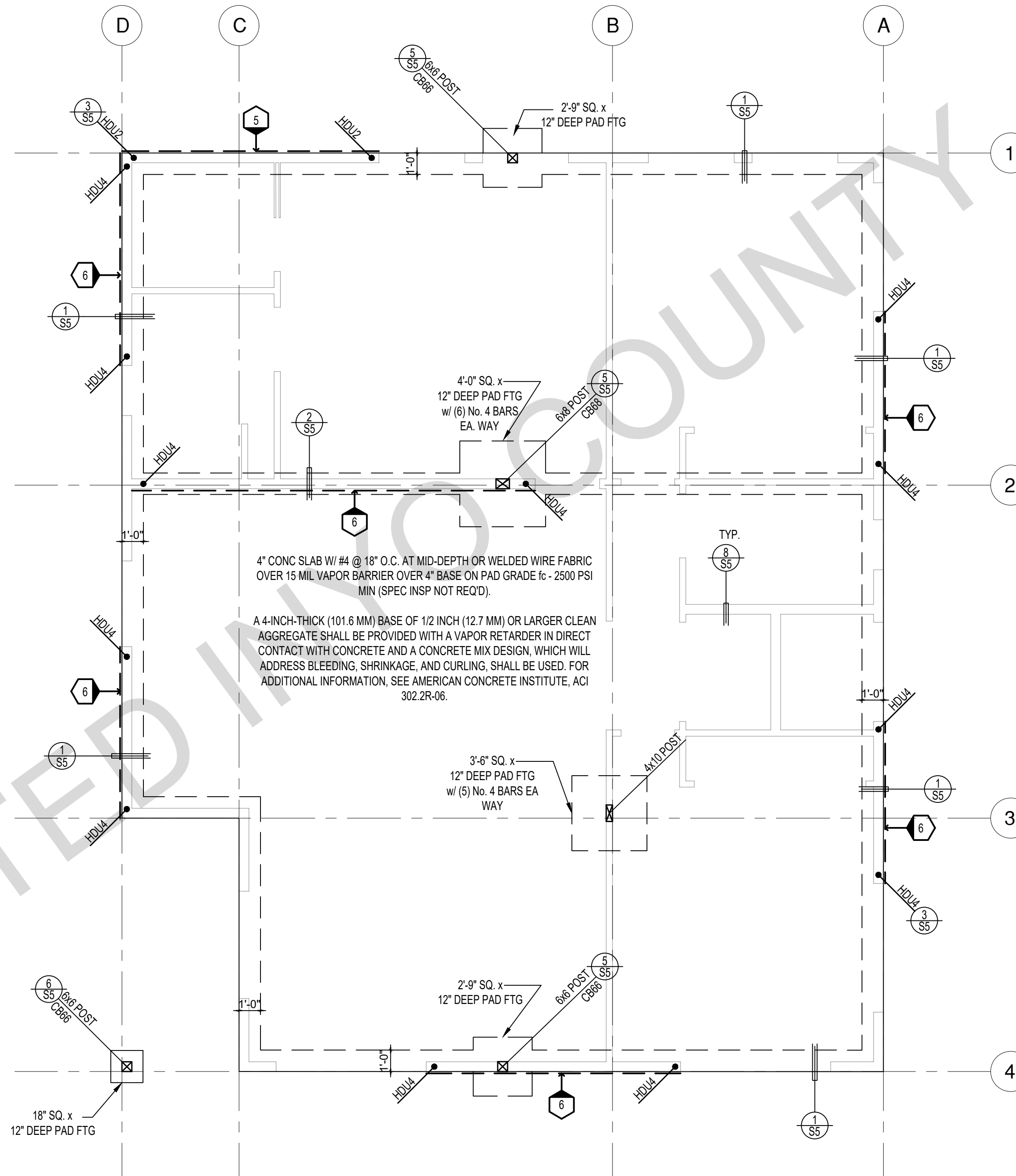




ROOF FRAMING PLAN

1/4"=1'-0"

RANCH



FOUNDATION PLAN

1/4"=1'-0"

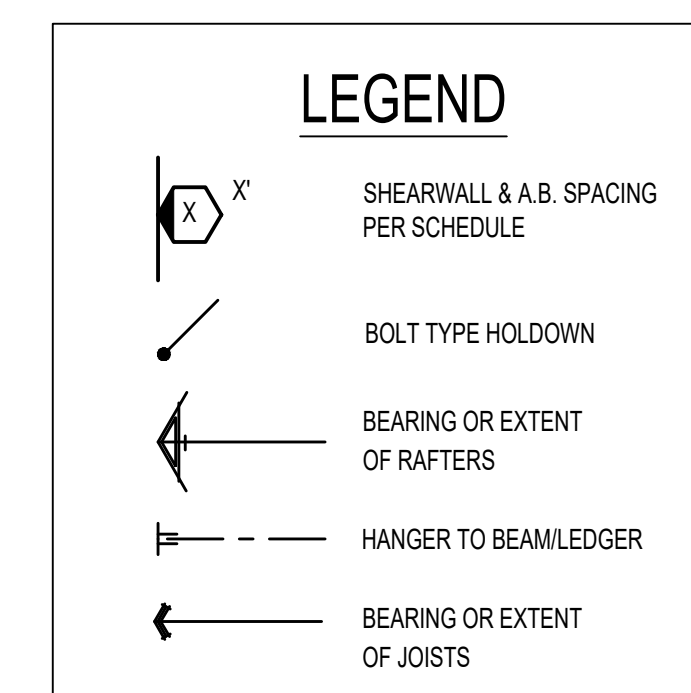
RANCH

SHEAR WALL SCHEDULE (ASD VALUES)

	4	5	6	7	8	9
SHEAR WALL DESCRIPTION (See footnotes 1 & 4)	1/2" ply, C-D or C-C sheathing, (1) side w/ 8d @ 6" o/c edge, 12" o/c field, blocked (See footnote 3)	3/8" ply, C-D or C-C sheathing, (1) side w/ 8d @ 4" o/c edge, 12" o/c field, blocked (See footnote 3)	3/8" ply, C-D or C-C sheathing, (1) side w/ 8d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3 & 4 & 6)	3/8" rated STRUCT 1 panel, (1) side w/ 8d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3 & 4)	1/2" rated STRUCT 1 panel, (1) side w/ 10d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3, 4, & 5)	1/2" rated STRUCT 1 panel, (1) side w/ 10d @ 2" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3, 4, & 5)
SHEAR VALUE (PLF)	260*	375*	490*	550*	665*	870*
ANCHOR BOLT SPACING	3/4" @ 48" or 1/2" @ 32"	3/8" @ 32" or 1/2" @ 24"	3/8" @ 24" or 1/2" @ 16"	3/8" @ 24" or 1/2" @ 16"	3/8" @ 16" or 1/2" @ 12"	3/8" @ 12" or 1/2" @ 8"
16d (0.148") SILL NAILING	6"	4"	3 1/2"	3"	1/2" x 4 1/2" SDS screws @ 8"	1/2" x 4 1/2" SDS screws @ 8"
SPACING OF A307 SILL FRAMING TO TOP PLATE	32" O.C.	16" O.C.	12" O.C.	12" O.C.	8" O.C.	8" O.C.

SHEAR WALL FOOTNOTES

- AT PLYWOOD OR OSB PS-1 OR PS-2 RATED PANELS USE COMMON NAILS OR GALVANIZED BOX NAILS (2) LAYERS OF PAPER EXTERIOR PLYWOOD REQUIRED. SHEAR SHALL BE APPLIED OVER STUDS @ 16" O/C. GALVANIZED NAILS SHALL NOT BE HOT-DIPPED OR TUMBLED.
- SILL PLATES & WASHERS SHALL COMPLY WITH THE CONCRETE FOUNDATION CONSTRUCTION AND WOOD FRAMING CONSTRUCTION NOTES. (SEE NOTES #206, 208, 209, 307, 308, 309, 523.)
- IN PLYWOOD SHEARWALLS, THE EDGE OF THE 3" SQUARE WASHERS (SEE NOTE #206) SHALL BE 1/2" OR LESS FROM THE EDGE OF THE SILL PLATE ON THE SIDE OF THE SHEATHING. ALL NAILING SHALL BE 3/8" MIN. FROM THE EDGE OF SHEATHING.
- WHERE ALLOWABLE SHEAR VALUES EXCEED 350 PLF (SHEARWALL TYPES 6, 7, 8, & 9) ALL FRAMING RECEIVING NAILING FROM ABUTTING PANEL EDGES SHALL NOT BE LESS THAN A SINGLE 3" NOMINAL MEMBER OR (2) 2X MEMBERS NAILED WITH 10D. SPACING EQUAL TO THE E.N. SPACING. PLYWOOD JOINT AND SILL NAILING SHALL BE STAGGERED.
- IN SHEARWALL TYPES 8 & 9, SILL PLATE NAILING SHALL BE STAGGERED. AT SECOND FLOOR CONDITIONS, PROVIDE ADEQUATE RIM OR BLOCKING TO PREVENT SPLITTING.
- WHEN PLYWOOD SHEAR IS SPECIFIED ON BOTH SIDES OF A WALL, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS, OR FRAMING SHALL BE 3" NOMINAL OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED. SILL PLATES SHALL BE 3" NOMINAL OR THICKER WITH ANCHOR BOLTS STAGGERED TO ACHIEVE THE MAX. EDGE DISTANCE FROM ALTERNATING SILL PLATE EDGES. ANCHOR BOLT SPACING TO BE REDUCED BY 50% OR AS NOTED ON THE SCHEDULE.
- ALLOWABLE SHEAR VALUES FOR PLYWOOD SHEARWALLS MAY BE INCREASED BY 40% UNDER WIND LOADING.



\* PLEASE REFER TO NOTES 311 & 401 ON S1 FOR LUMBER GRADE SPECIFICATIONS.

FOUNDATION NOTES

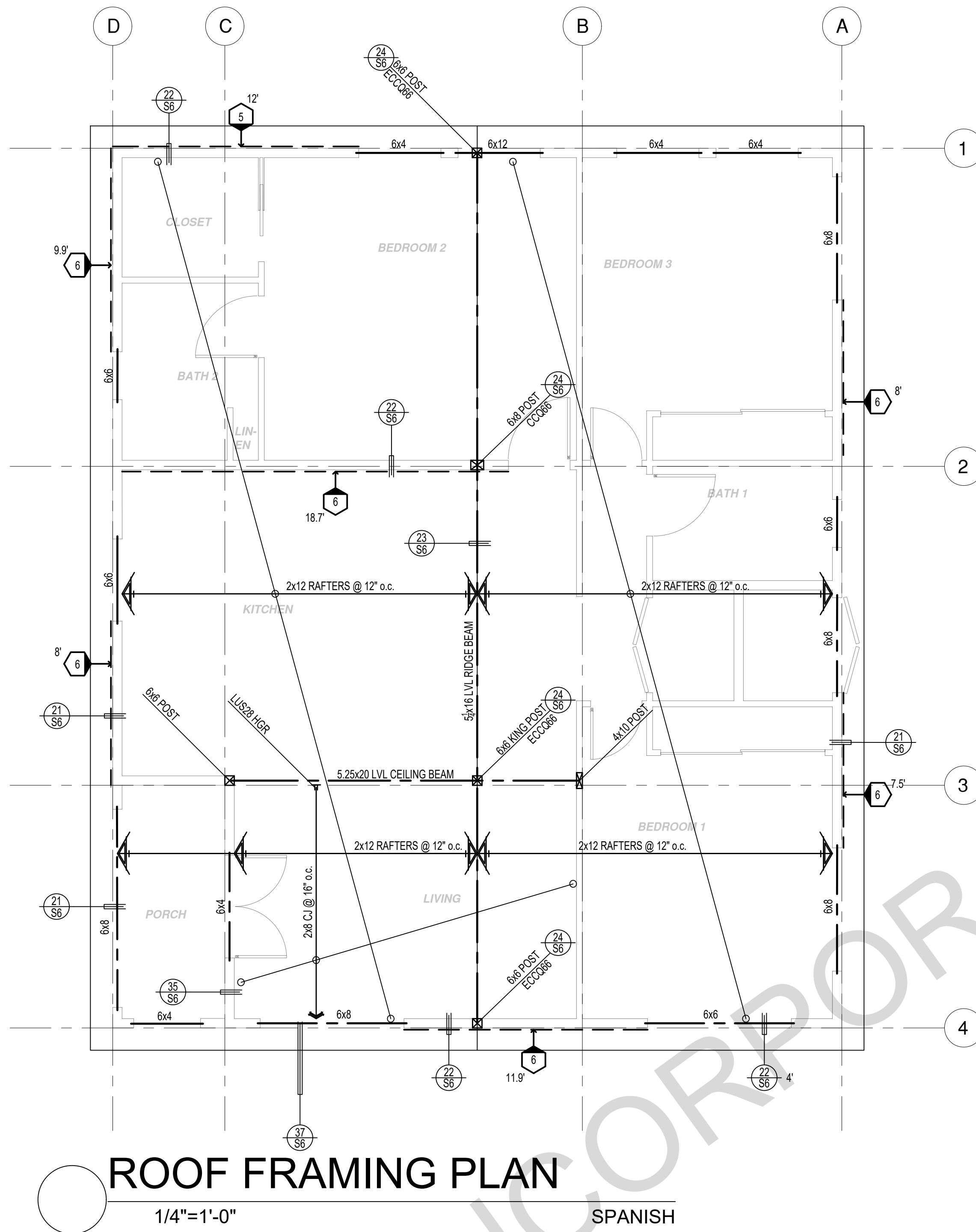
- ALL ANCHOR BOLTS, HOLDOWN ANCHORS, & REINF. MUST BE SECURELY TIED IN PLACE PRIOR TO FDTN. INSP.
- ALL EXTERIOR STUDS TO BE 2x6 @ 16" O.C.
- THE MINIMUM NOMINAL ANCHOR BOLT DIAMETER SHALL BE 5/8 INCH NOTE: THIS WILL REQUIRE A MINIMUM DISTANCE FROM THE ENDS OF SILL PLATES TO BE 4" (AND A MAXIMUM OF 12")
- PLATE WASHERS (MINIMUM SIZE OF 3" x 3" x 1/4") SHALL BE USED ON EACH ANCHOR BOLT.
- PROVIDE CONC SLAB JOINTS AT NO MORE THAN 16 FT EA. WAY
- SEE SHT S5 FOR TYP. CONCRETE & SLAB DETAILS 1-8
- POSTS W/O SPECIFIED BASE SHALL BE NAILED TO BOLTED SILL PLATES W/ (2) 16d T.N. EA. SIDE, TYP.
- FOOTINGS ADJACENT TO SLOPES GREATER THAN OR EQUAL TO 33.3% SHALL COMPLY WITH SETBACK REQUIREMENTS DEFINED IN CBC 1808.7.

FOUNDATION PLANS TO BE MODIFIED WHEN TRUSSES ARE USED AS MAIN ROOF FRAMING SYSTEM

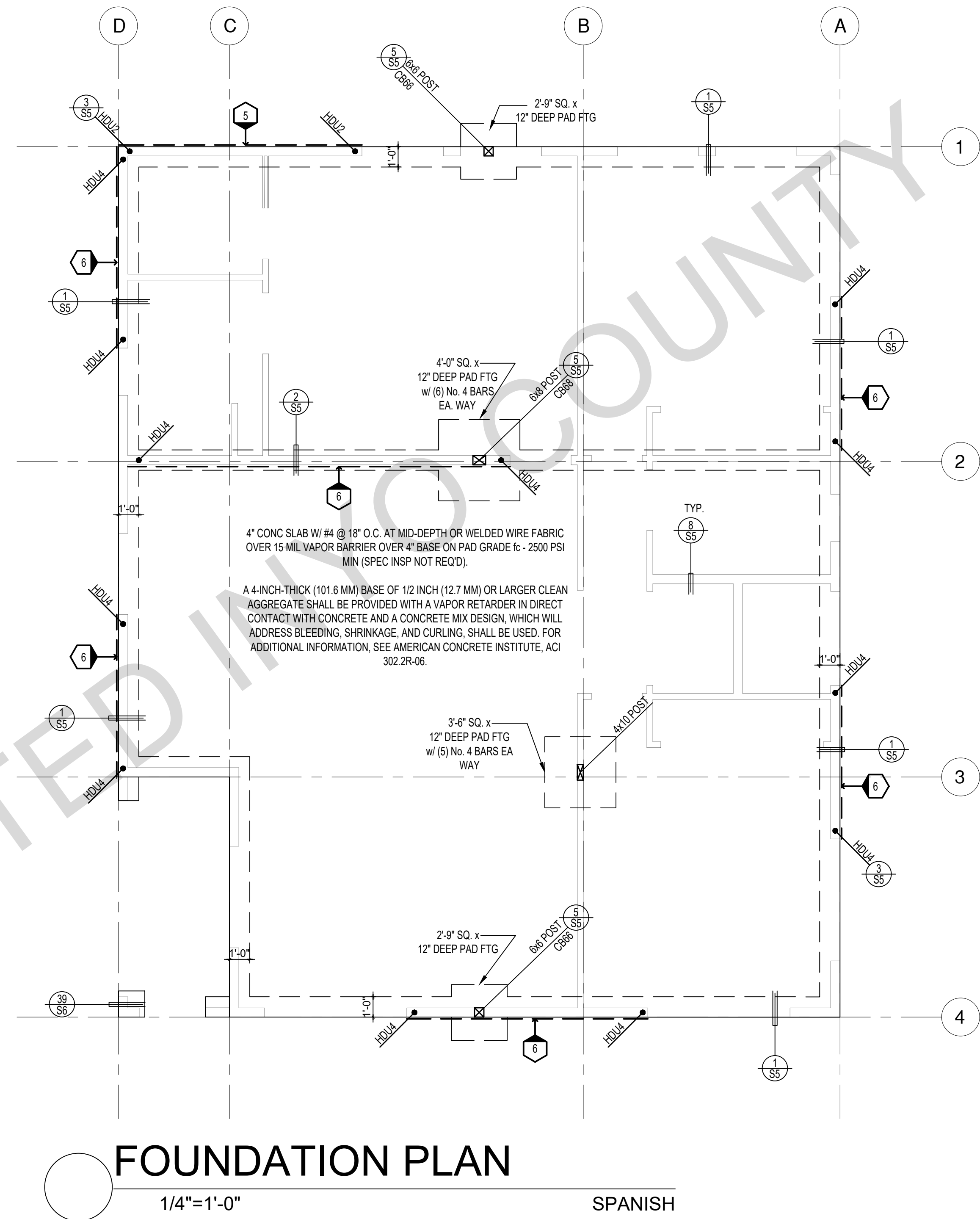
project  
County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions  
description  
Ranch  
Foundation  
& Framing  
Plan

date 2024  
project no. INYO COUNTY ADU/SFDS  
drawn by DESIGN PATH STUDIO  
sheet no.



**ROOF FRAMING PLAN**  
1/4"=1'-0" SPANISH



**FOUNDATION PLAN**  
1/4"=1'-0" SPANISH

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**SHEAR WALL SCHEDULE (ASD VALUES)**

	4	5	6	7	8	9
SHEAR WALL DESCRIPTION (See footnotes 1 & 4)	1/2" ply, C-D or C-C sheathing, (1) side w/ 8d @ 6" o/c edge, 12" o/c field, blocked (See footnote 3)	3/8" ply, C-D or C-C sheathing, (1) side w/ 8d @ 4" o/c edge, 12" o/c field, blocked (See footnote 3)	3/8" ply, C-D or C-C sheathing, (1) side w/ 8d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3 & 4 & 6)	3/8" rated STRUCT 1 panel, (1) side w/ 8d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3 & 4)	1/2" rated STRUCT 1 panel, (1) side w/ 10d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3, 4, & 5)	1/2" rated STRUCT 1 panel, (1) side w/ 10d @ 2" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3, 4, & 5)
SHEAR VALUE (PLF)	260*	375*	490*	550*	665*	870*
ANCHOR BOLT SPACING	3/4" @ 48" or 1/2" @ 32"	3/8" @ 32" or 1/2" @ 24"	3/8" @ 24" or 1/2" @ 16"	3/8" @ 24" or 1/2" @ 16"	3/8" @ 16" or 1/2" @ 12"	3/8" @ 12" or 1/2" @ 8"
16d (0.148") SILL NAILING	6"	4"	3 1/2"	3"	1/2" x 4 1/2" SDS screws @ 8"	1/2" x 4 1/2" SDS screws @ 8"
SPACING OF A35LTP4 FRAMING TO TOP PLATE	32" O.C.	16" O.C.	12" O.C.	12" O.C.	8" O.C.	8" O.C.

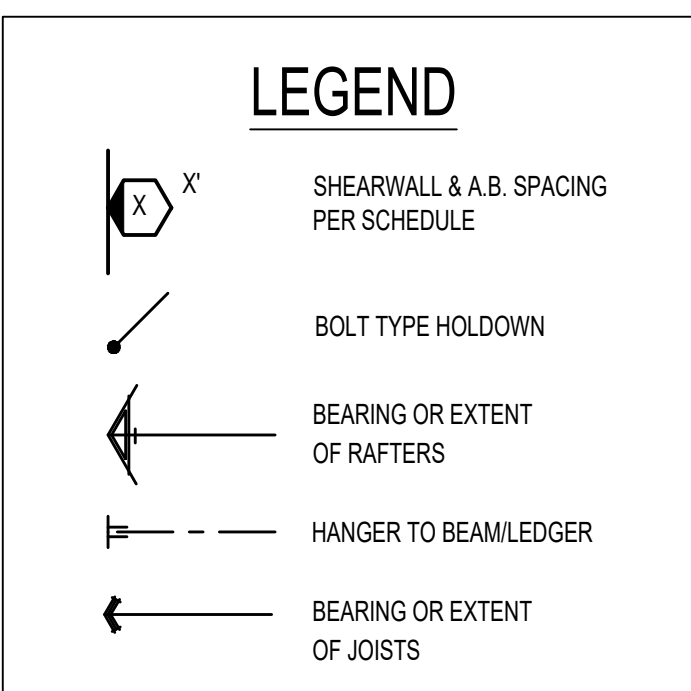
**SHEAR WALL FOOTNOTES**

- AT PLYWOOD OR OSB PS-1 OR PS-2 RATED PANELS USE COMMON NAILS OR GALVANIZED BOX NAILS (2) LAYERS OF PAPER EXTERIOR PLYWOOD REQUIRED. SHEAR SHALL BE APPLIED OVER STUDS @ 16" O/C. GALVANIZED NAILS SHALL NOT BE HOT-DIPPED OR TUMBLED.
- SILL PLATES & WASHERS SHALL COMPLY WITH THE CONCRETE FOUNDATION CONSTRUCTION AND WOOD FRAMING CONSTRUCTION NOTES. (SEE NOTES #206, 208, 209, 307, 308, 309, ETC.)
- IN PLYWOOD SHEARWALLS, THE EDGE OF THE 3" SQUARE WASHERS (SEE NOTE #206) SHALL BE 1/2" OR LESS FROM THE EDGE OF THE SILL PLATE ON THE SIDE OF THE SHEATHING. ALL NAILING SHALL BE 3/8" MIN. FROM THE EDGE OF SHEATHING.
- WHERE ALLOWABLE SHEAR VALUES EXCEED 350 PLF (SHEARWALL TYPES 6, 7, 8, & 9) ALL FRAMING RECEIVING NAILING FROM ABUTTING PANEL EDGES SHALL NOT BE LESS THAN A SINGLE 3" NOMINAL MEMBER OR (2) 2X MEMBERS NAILED WITH 10D. SPACING EQUAL TO THE E.N. SPACING. PLYWOOD JOINT AND SILL NAILING SHALL BE STAGGERED.
- IN SHEARWALL TYPES 8 & 9, SILL PLATE NAILING SHALL BE STAGGERED. AT SECOND FLOOR CONDITIONS, PROVIDE ADEQUATE RIM OR BLOCKING TO PREVENT SPLITTING.
- WHEN PLYWOOD SHEAR IS SPECIFIED ON BOTH SIDES OF A WALL, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS, OR FRAMING SHALL BE 3" NOMINAL OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED. SILL PLATES SHALL BE 3" NOMINAL OR THICKER WITH ANCHOR BOLTS STAGGERED TO ACHIEVE THE MAX. EDGE DISTANCE FROM ALTERNATING SILL PLATE EDGES. ANCHOR BOLT SPACING TO BE REDUCED BY 50% OR AS NOTED ON THE SCHEDULE.
- ALLOWABLE SHEAR VALUES FOR PLYWOOD SHEARWALLS MAY BE INCREASED BY 40% UNDER WIND LOADING.

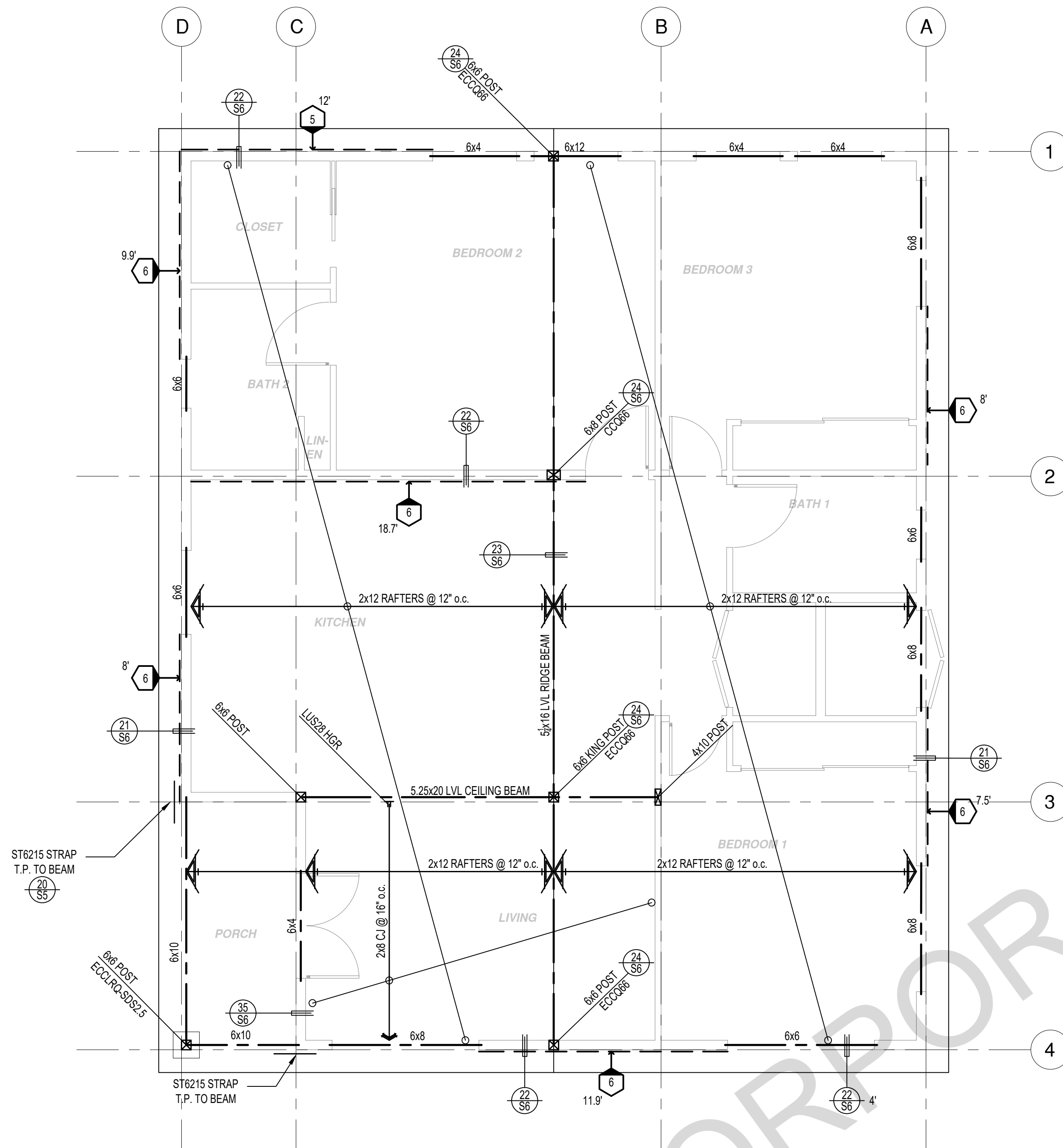
**FOUNDATION NOTES**

- ALL ANCHOR BOLTS, HOLDOWN ANCHORS, & REINF. MUST BE SECURELY TIED IN PLACE PRIOR TO FDTN. INSP.
- ALL EXTERIOR STUDS TO BE 2x6 @ 16" O.C.
- THE MINIMUM NOMINAL ANCHOR BOLT DIAMETER SHALL BE 5/8 INCH NOTE: THIS WILL REQUIRE A MINIMUM DISTANCE FROM THE ENDS OF SILL PLATES TO BE 4" (AND A MAXIMUM OF 12")
- PLATE WASHERS (MINIMUM SIZE OF 3" x 3" x 1/4") SHALL BE USED ON EACH ANCHOR BOLT.
- PROVIDE CONC SLAB JOINTS AT NO MORE THAN 16 FT EA. WAY
- SEE SHT S5 FOR TYP. CONCRETE & SLAB DETAILS 1-8
- POSTS W/O SPECIFIED BASE SHALL BE NAILED TO BOLTED SILL PLATES W/ (2) 16d T.N. EA. SIDE, TYP.
- FOOTINGS ADJACENT TO SLOPES GREATER THAN OR EQUAL TO 33.3% SHALL COMPLY WITH SETBACK REQUIREMENTS DEFINED IN CBC 1808.7.

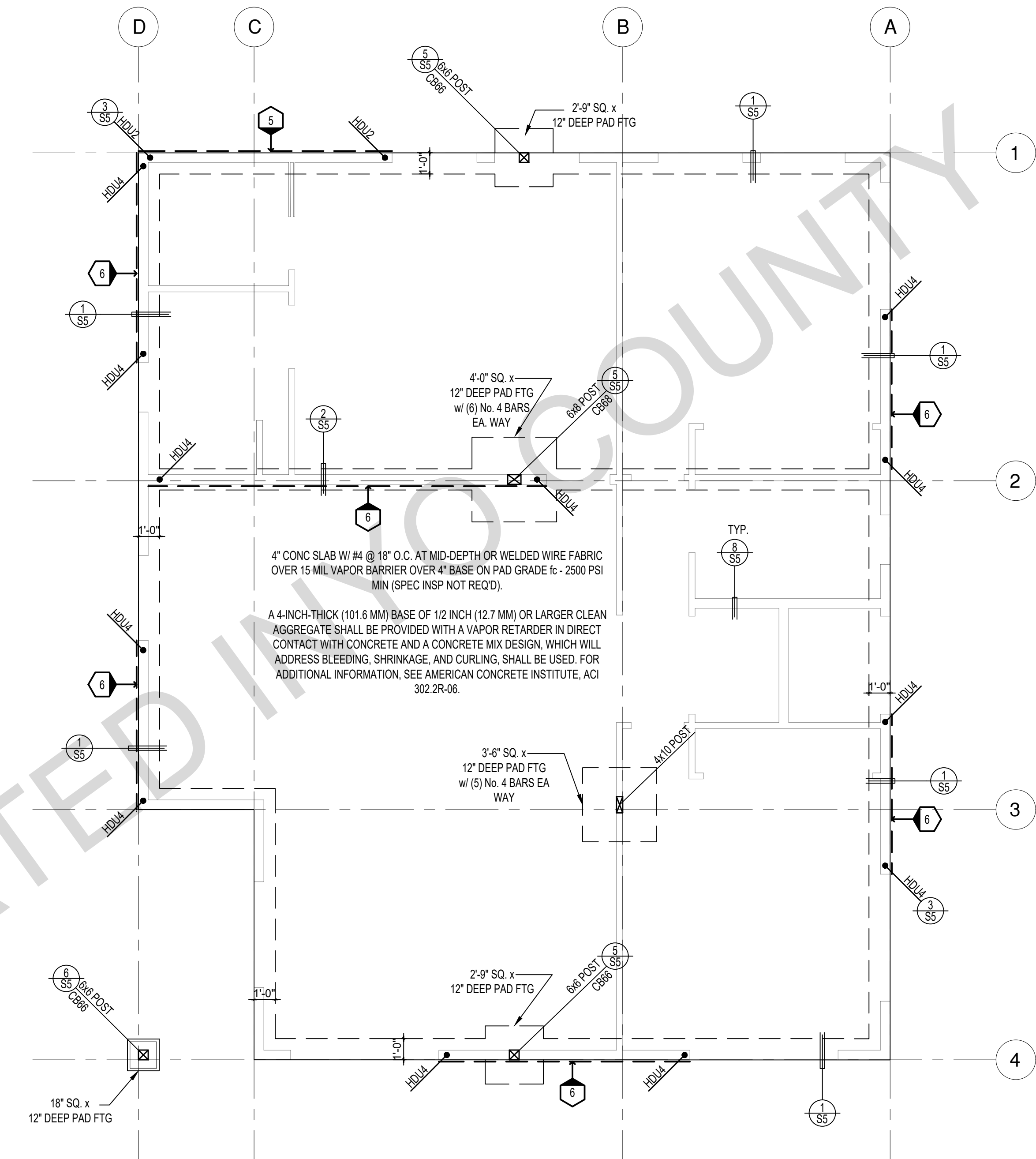
**FOUNDATION PLANS TO BE MODIFIED WHEN TRUSSES ARE USED AS MAIN ROOF FRAMING SYSTEM**



\* PLEASE REFER TO NOTES 311 & 401 ON S1 FOR LUMBER GRADE SPECIFICATIONS.



**ROOF FRAMING PLAN**  
1/4"=1'-0" TRADITIONAL



**FOUNDATION PLAN**  
1/4"=1'-0" TRADITIONAL

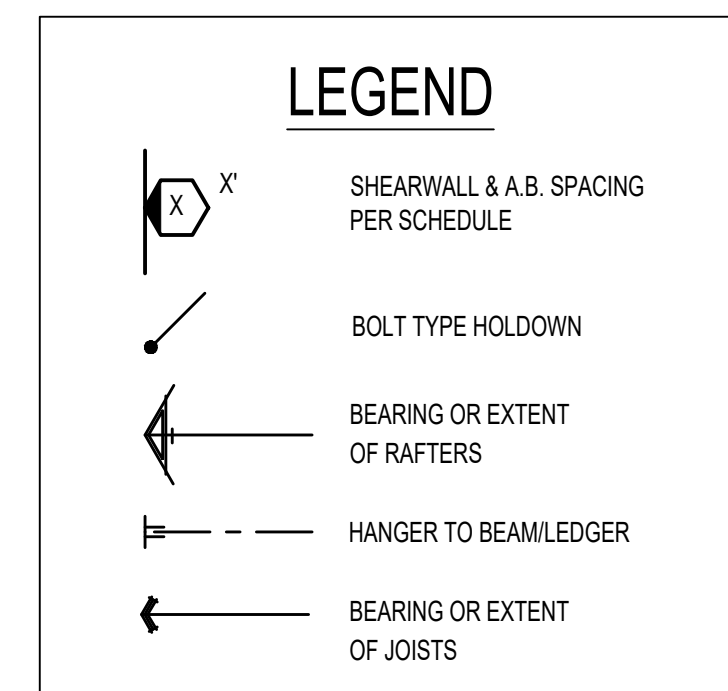
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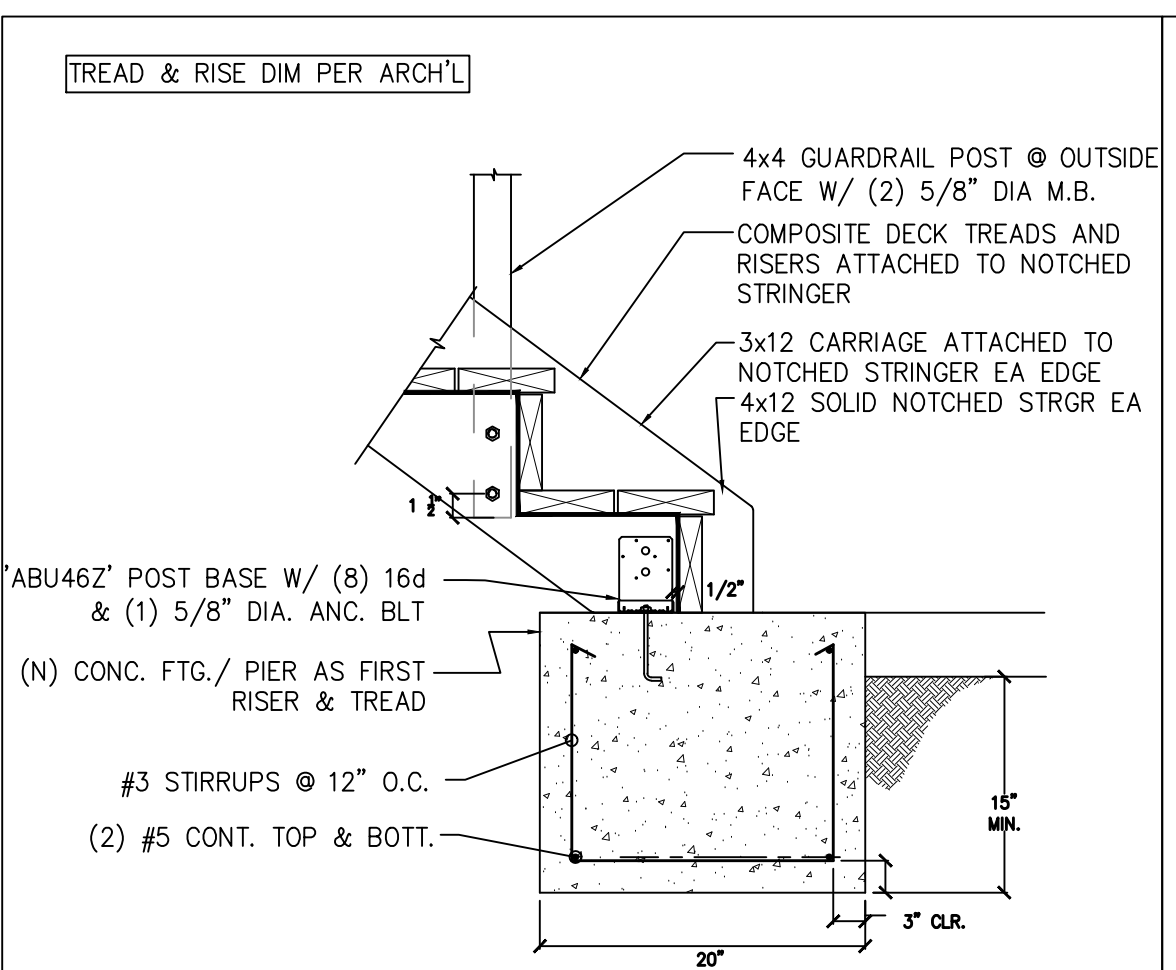
\* PLEASE REFER TO NOTES 311 & 401 ON S1 FOR LUMBER GRADE SPECIFICATIONS.

**FOUNDATION NOTES**

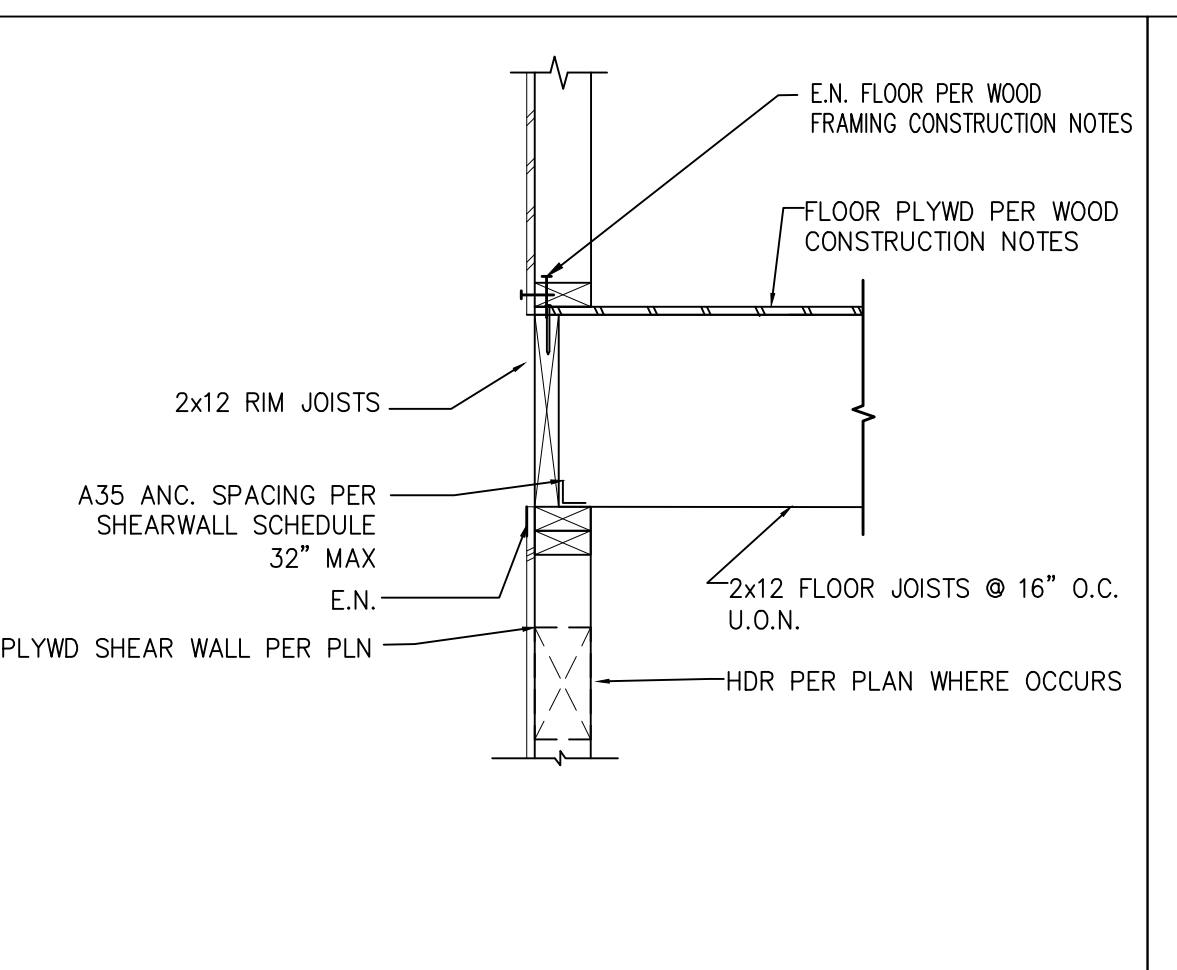
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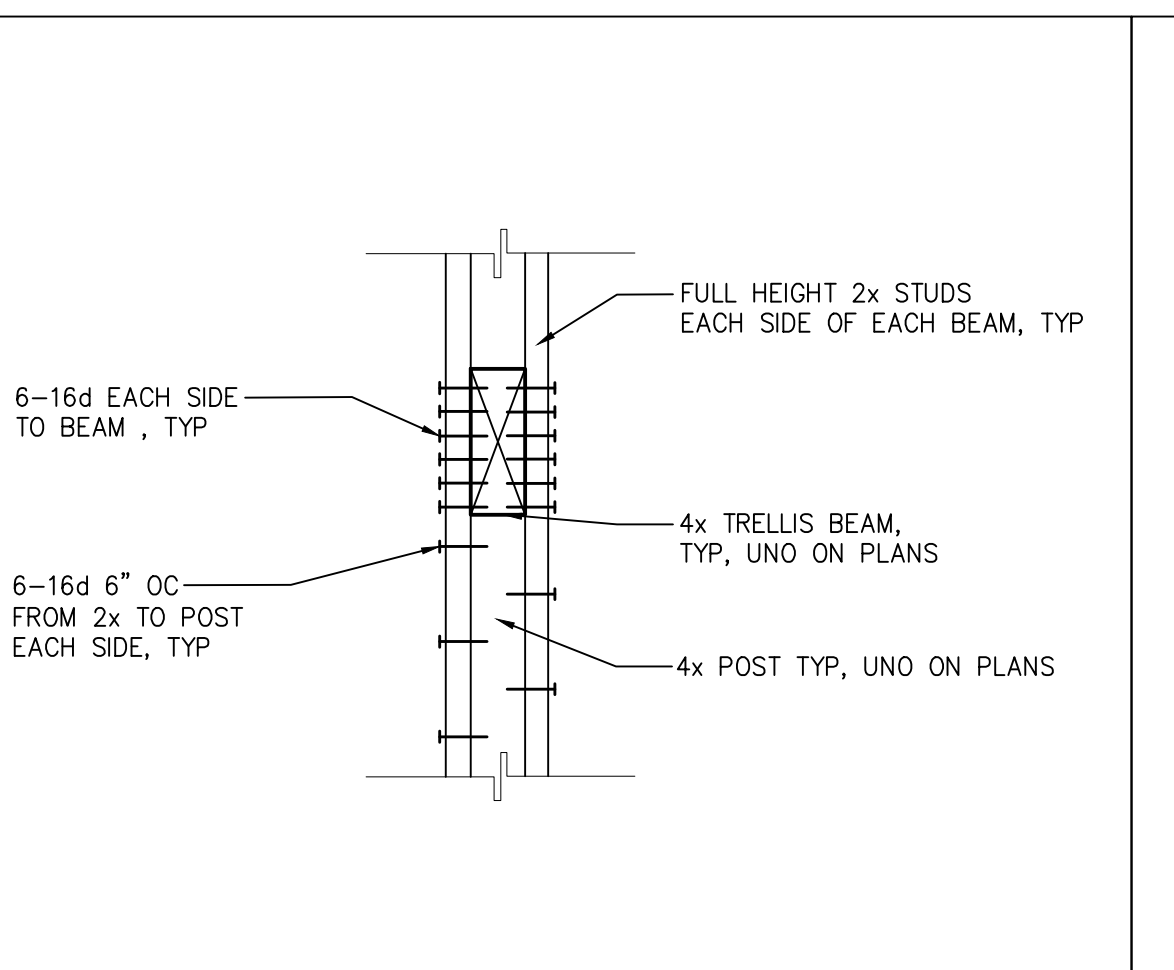




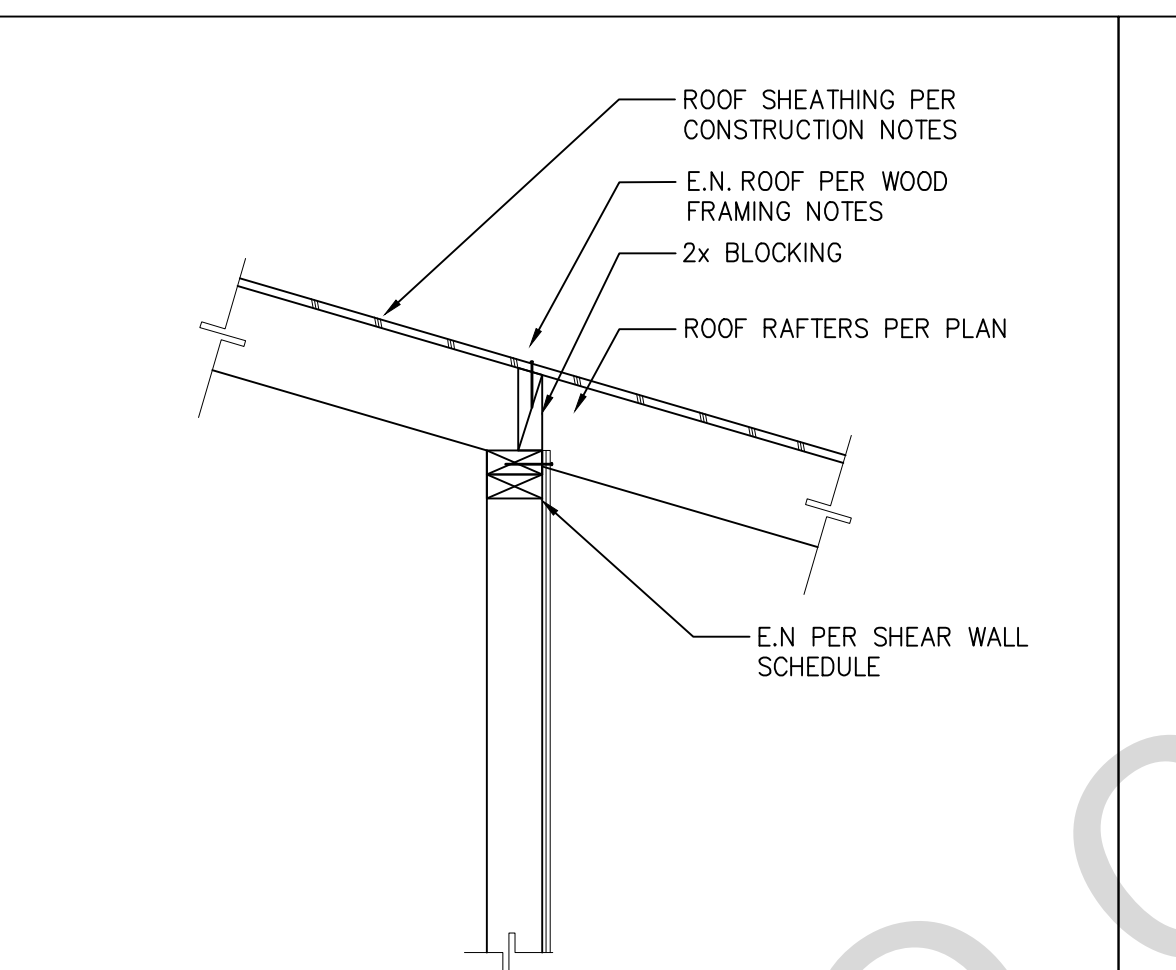
37 STAIR STRINGER AT FOOTING SCALE: 1"=1'-0"



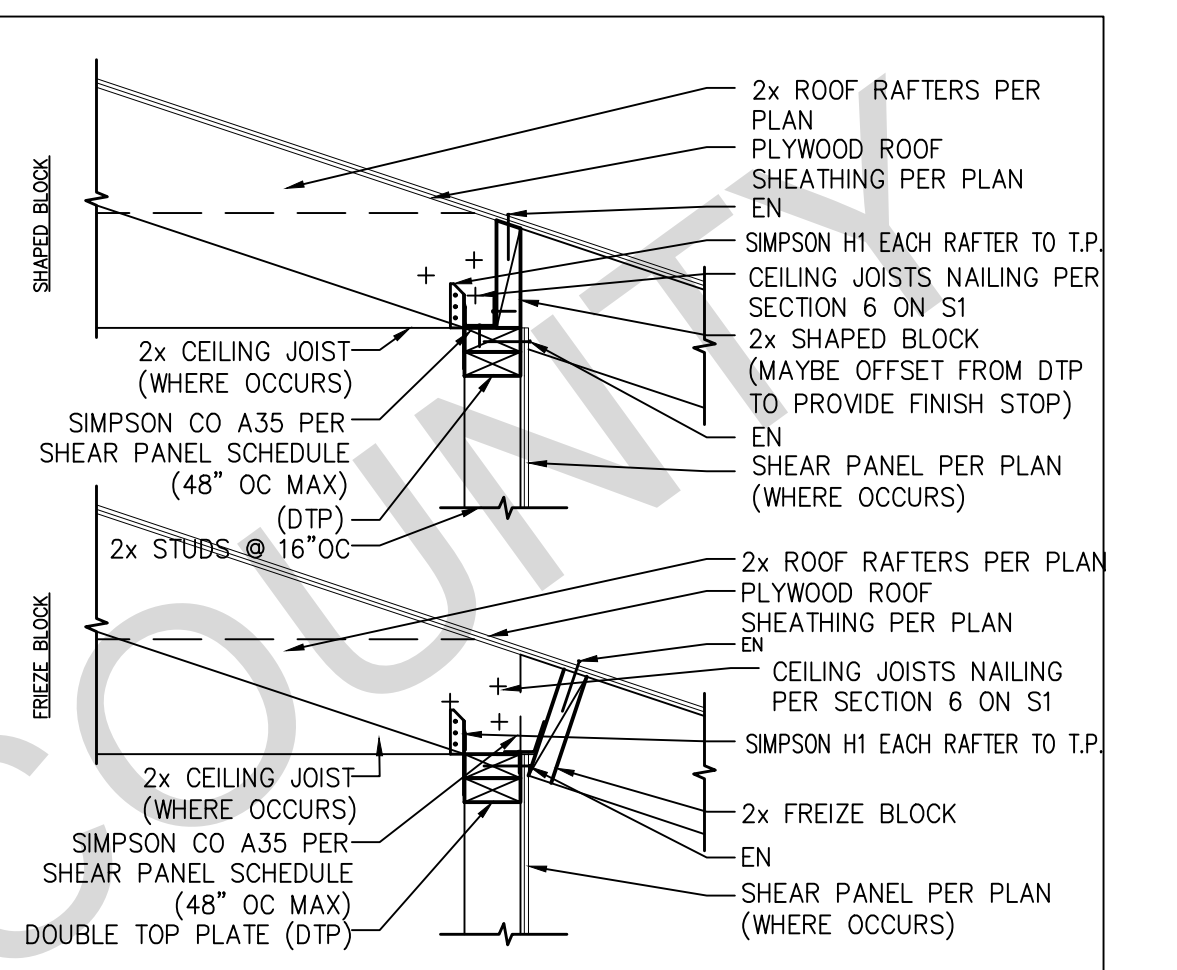
33 PERPENDICULAR JOISTS AT SHEAR WALL SCALE: 1"=1'-0"



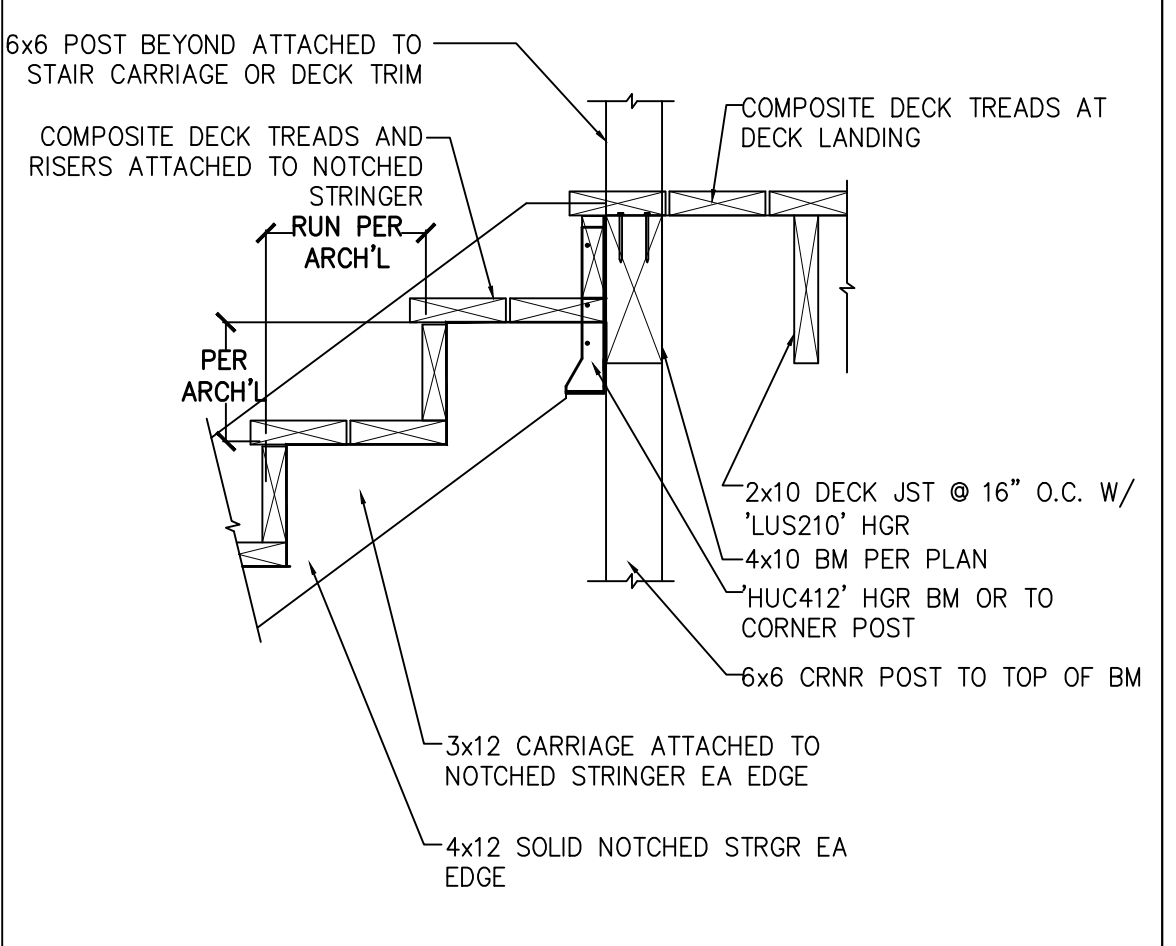
29 EXTERIOR BEAM TO STUD WALL SCALE: 1"=1'-0"



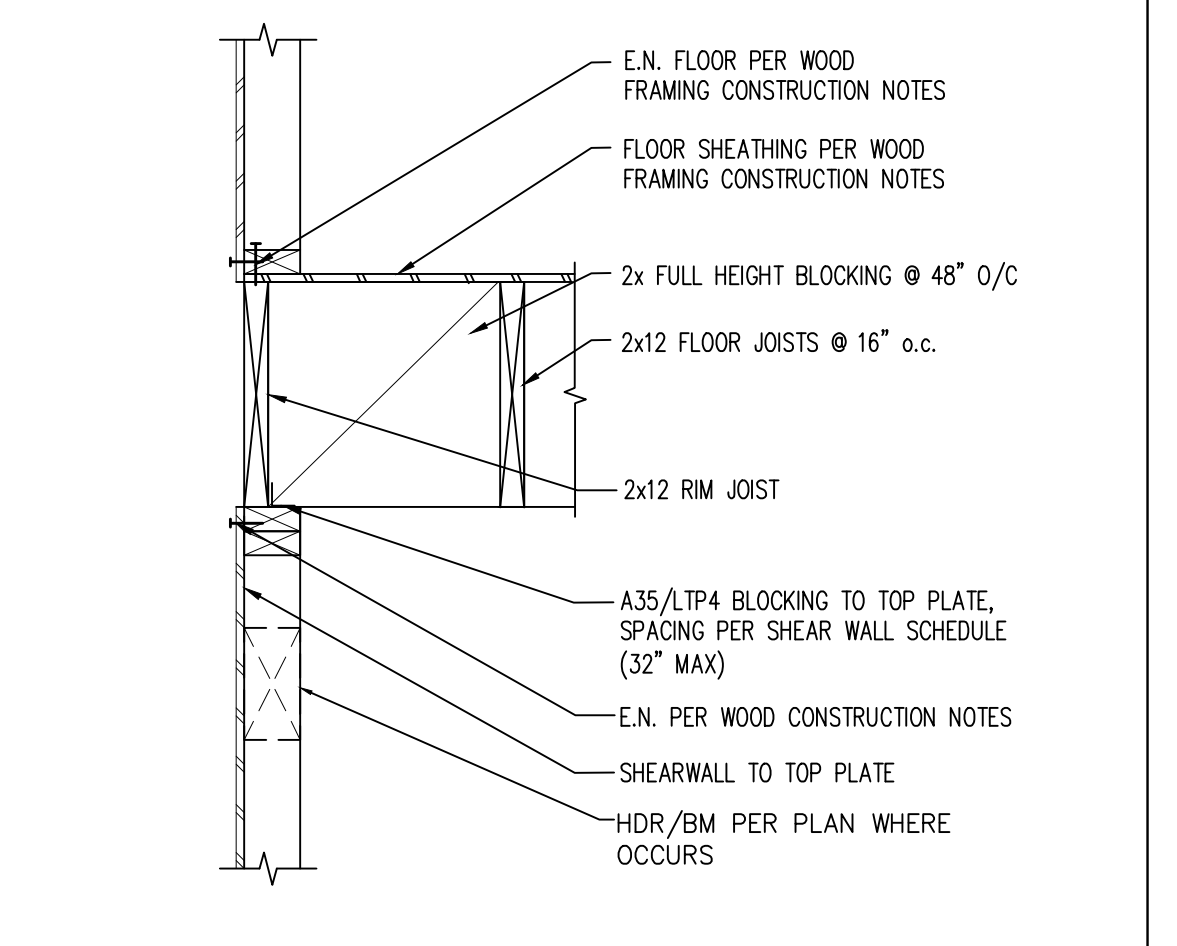
25 INTERMEDIATE BEARING WALL CONNECTION SCALE: 1"=1'-0"



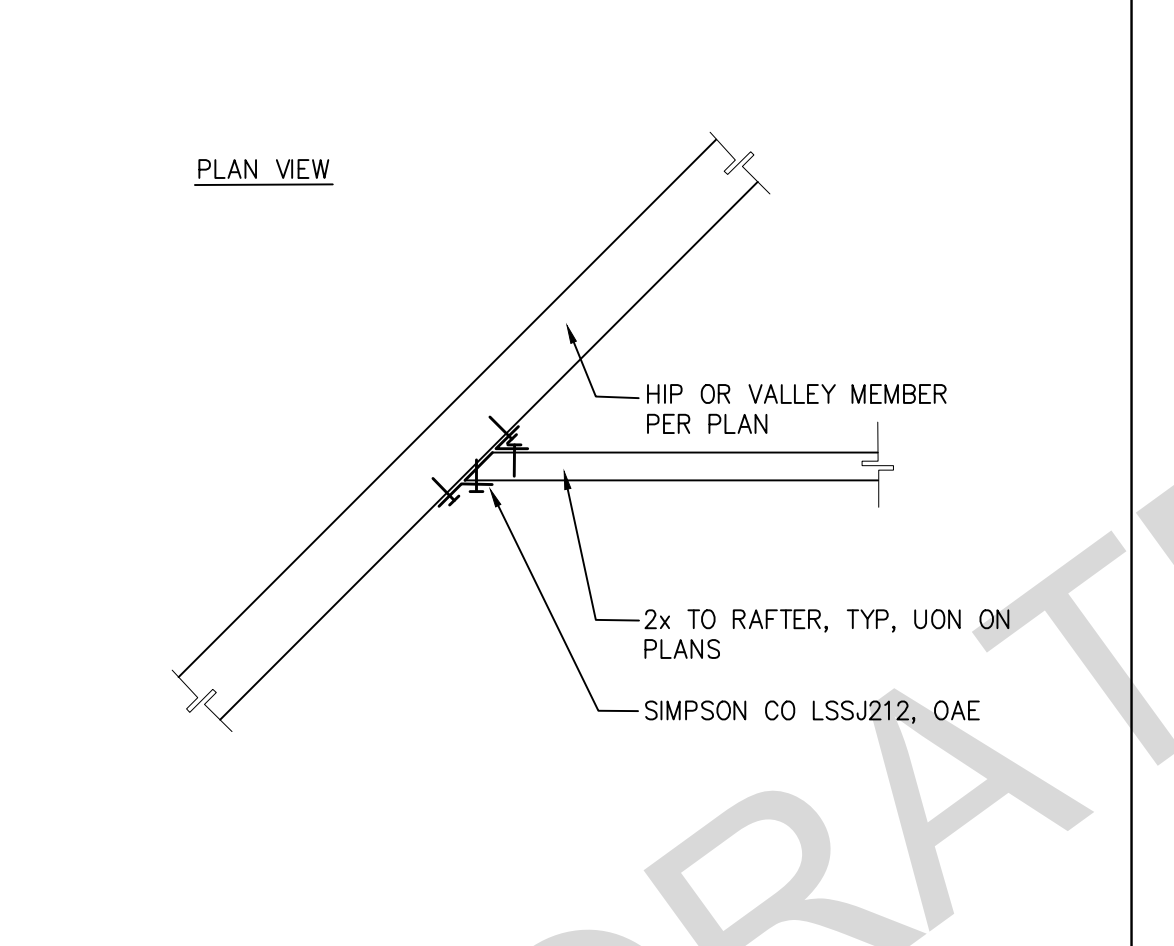
21 SHEAR TRANSFER AT EAVE SCALE: 1"=1'-0"



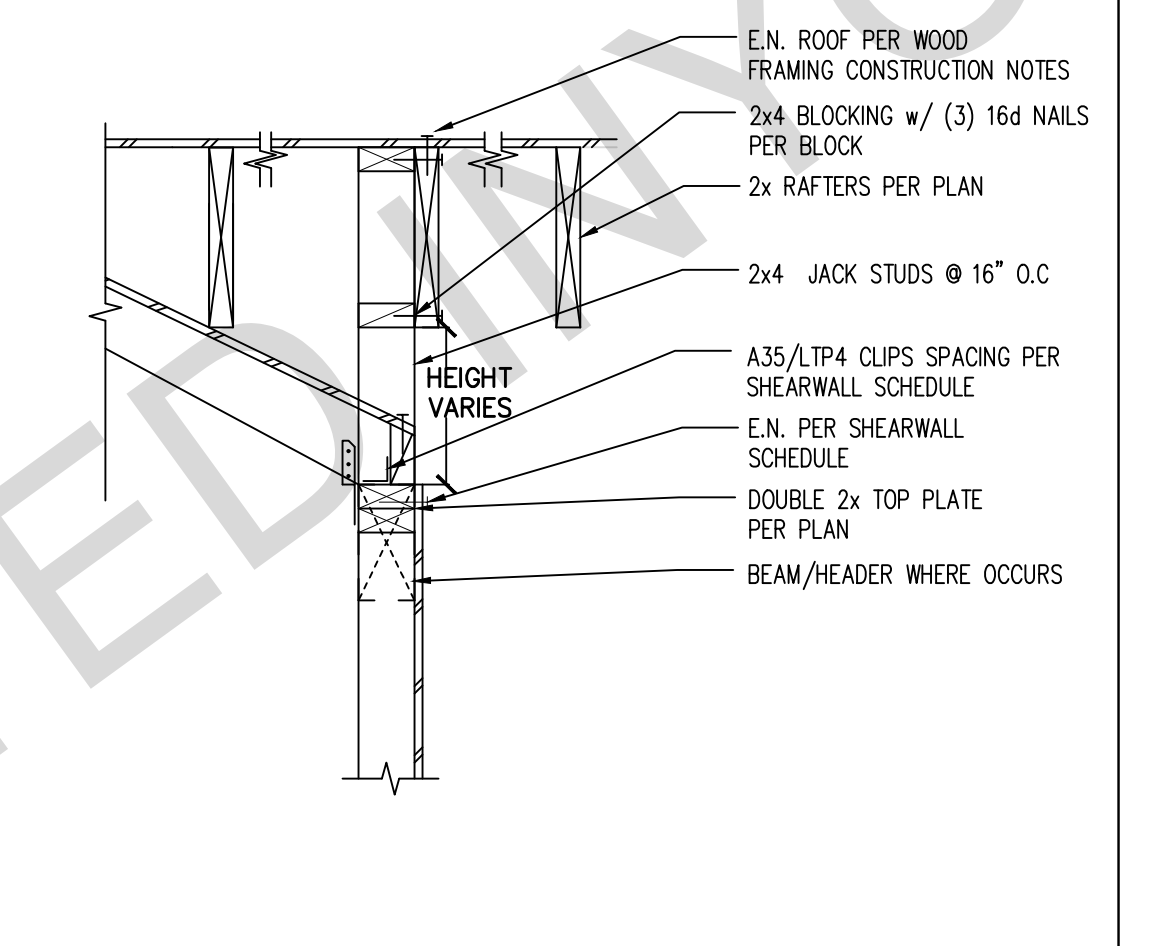
38 STAIR STRINGER AT LANDING SCALE: 1"=1'-0"



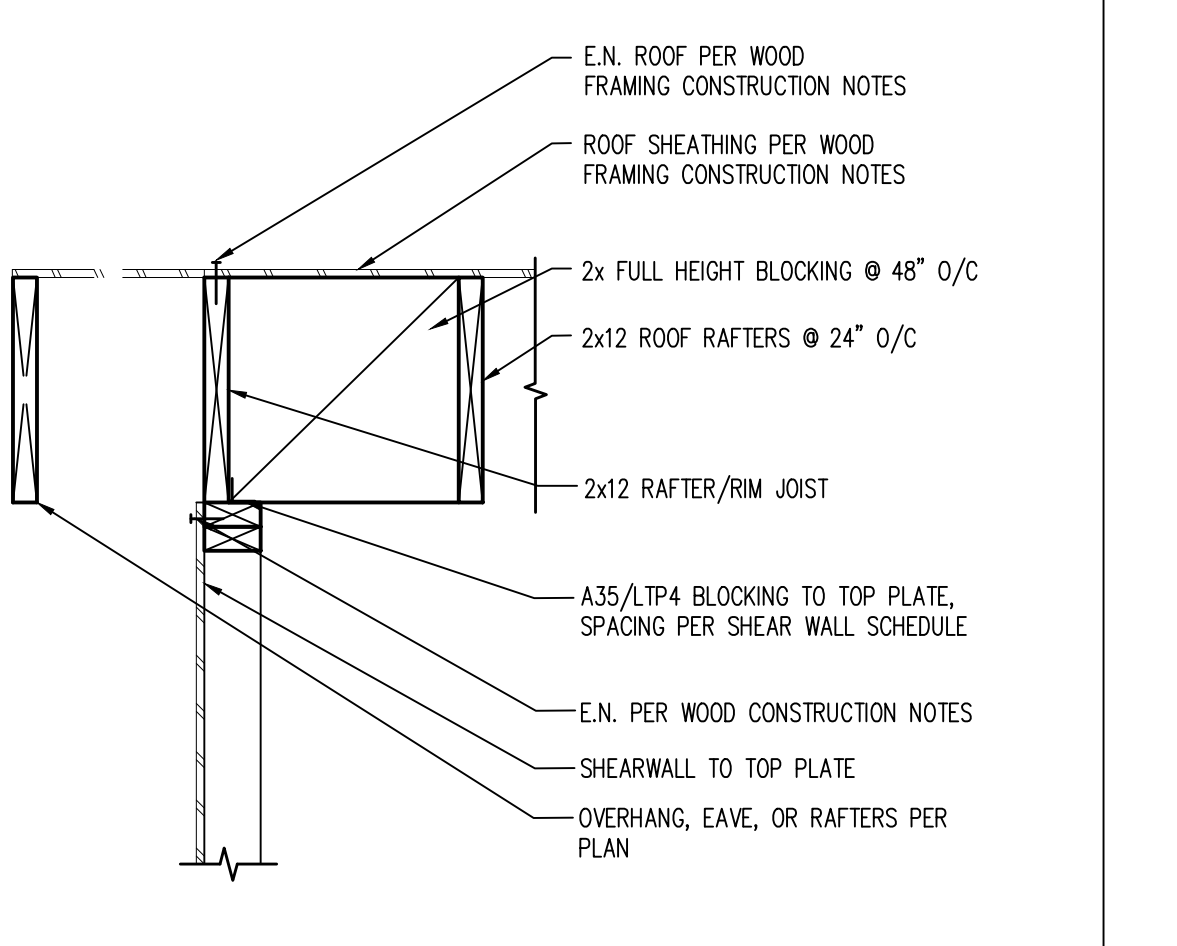
34 PARALLEL JOISTS AT SHEAR WALL SCALE: 1"=1'-0"



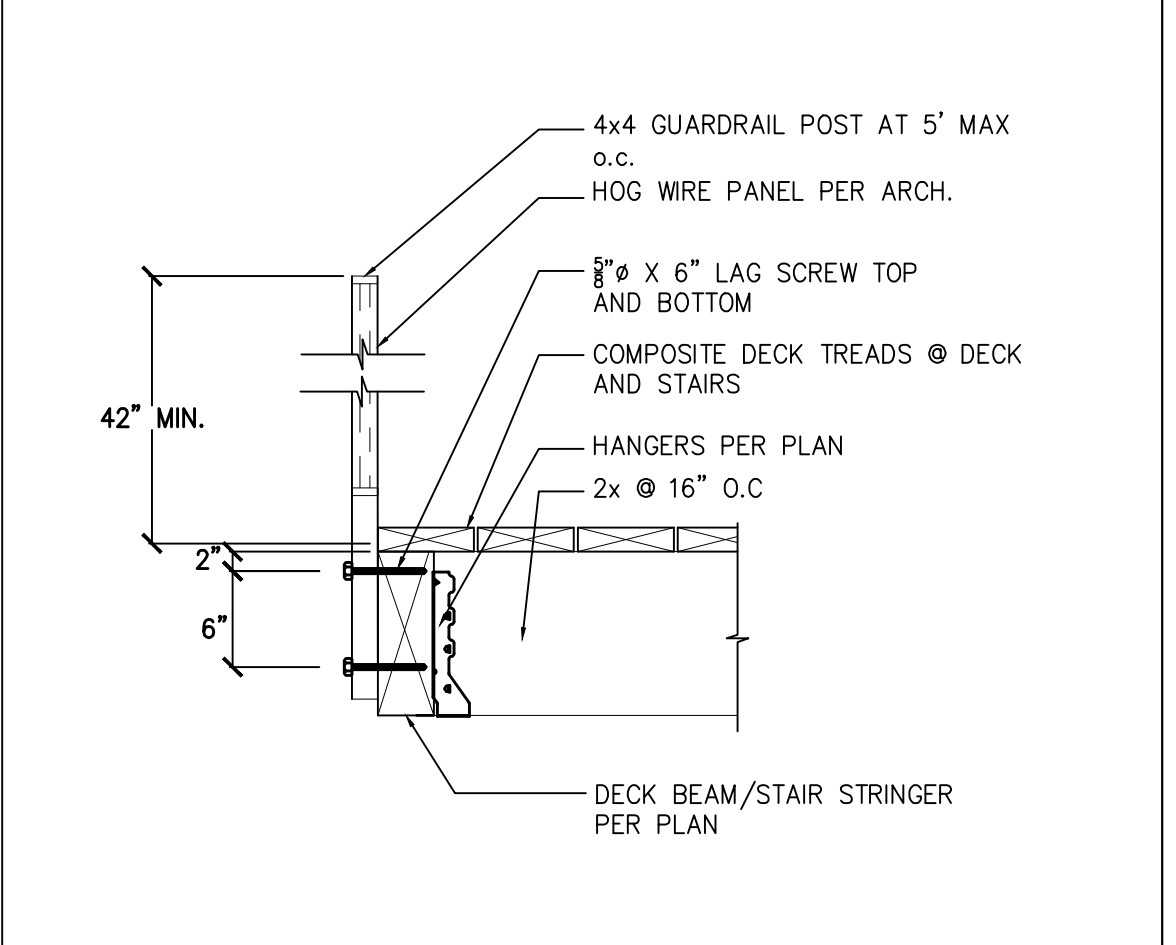
30 RAFTER TO HIP OR VALLEY SCALE: 1"=1'-0"



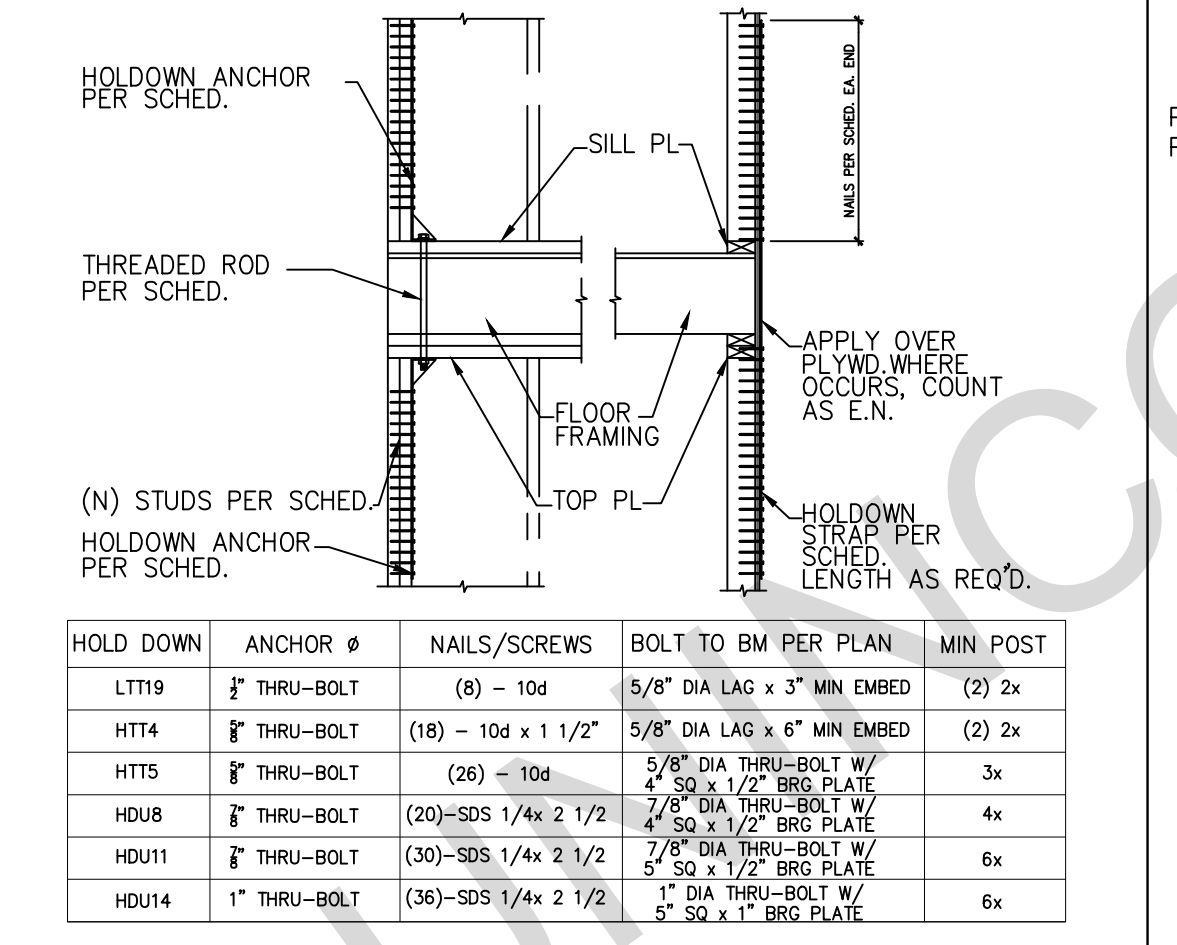
26 ROOF TRANSITION @ WALL/BEAM SCALE: 1"=1'-0"



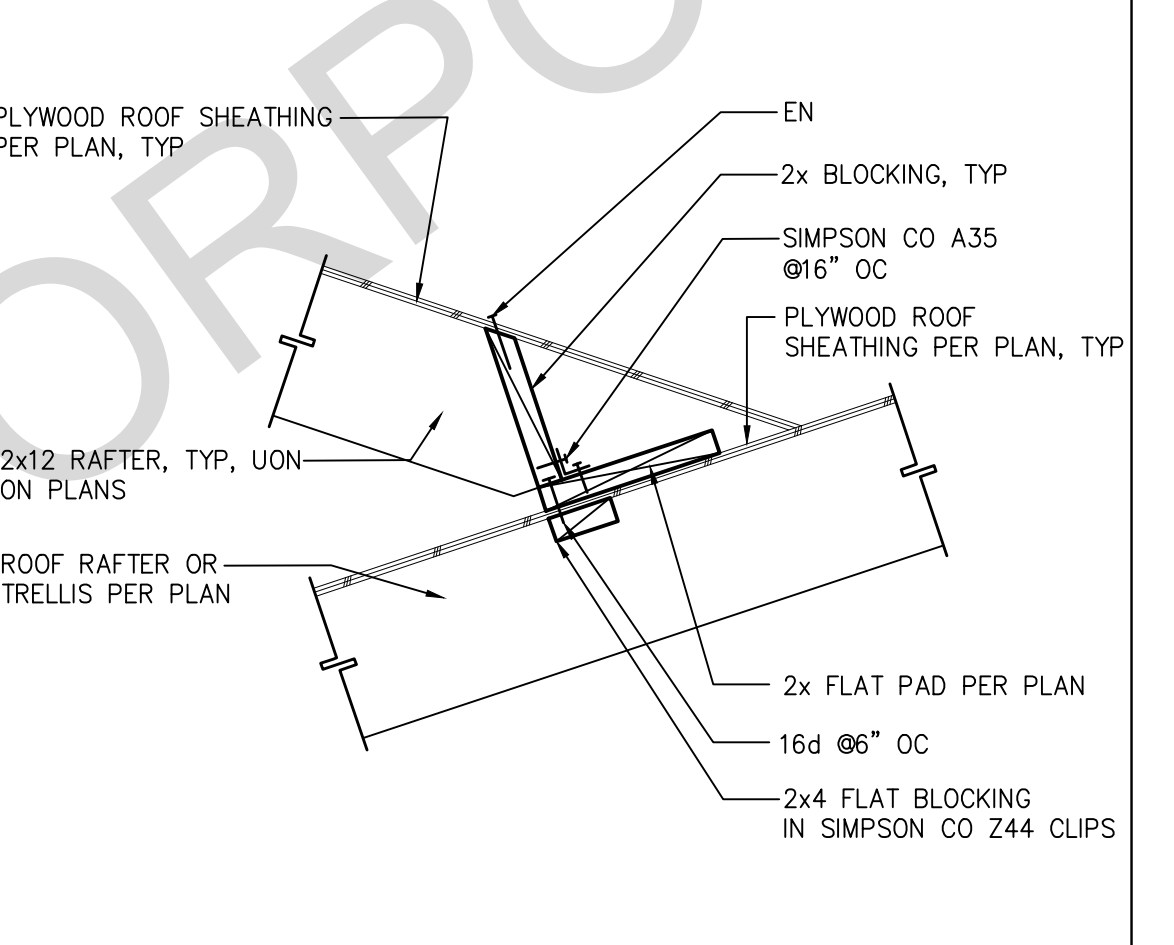
22 PARALLEL RAFTERS AT SHEAR WALL SCALE: 1"=1'-0"



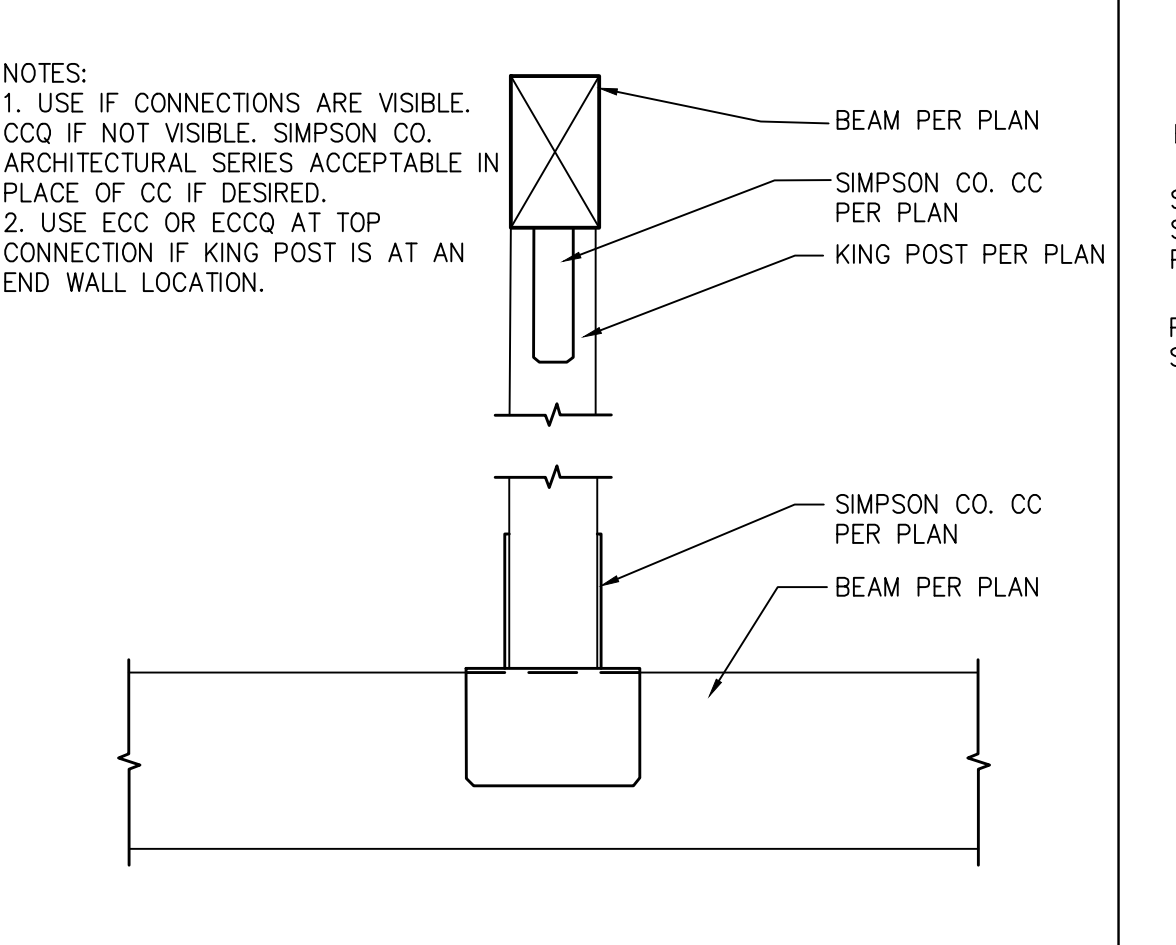
39 GAURDRAIL CONNECTION SCALE: 1"=1'-0"



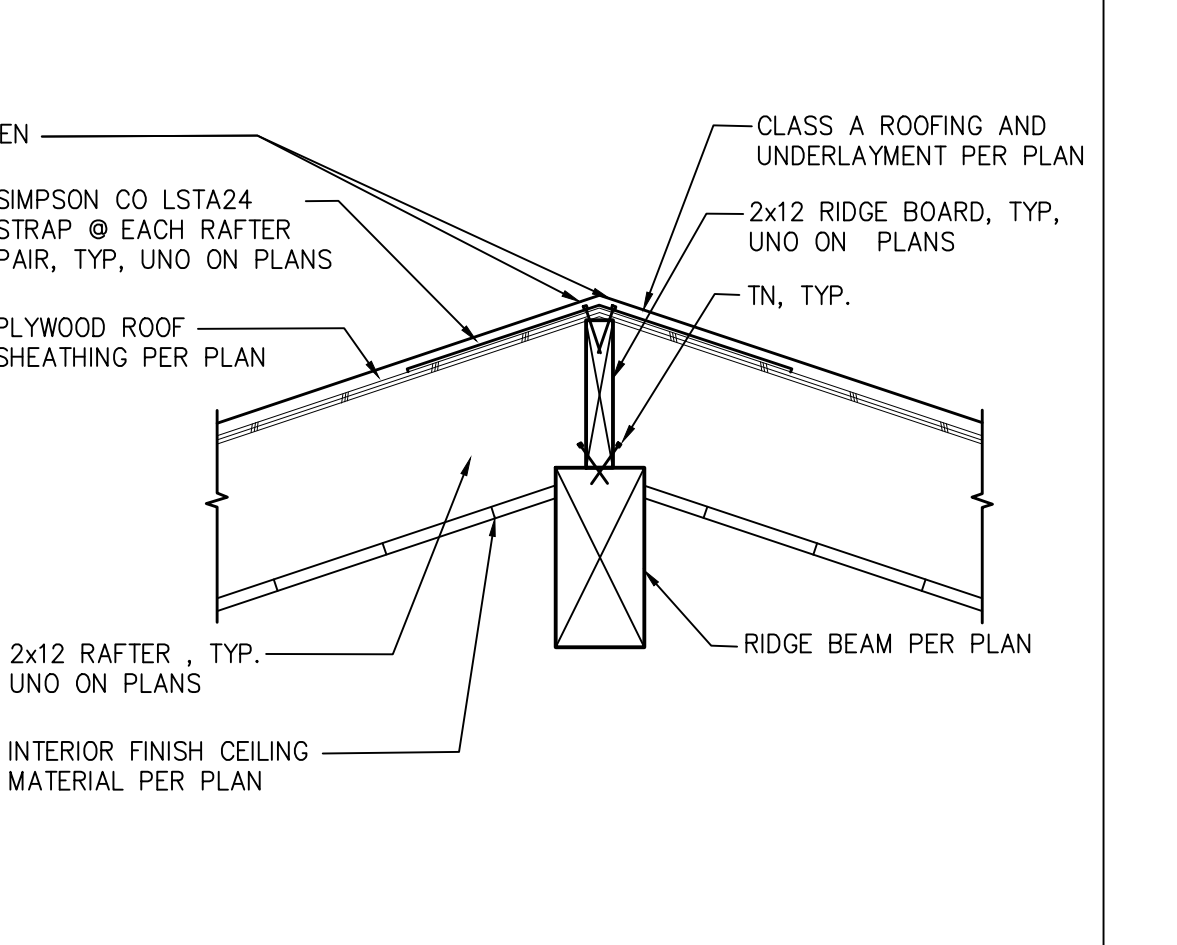
35 FLOOR TO FLOOR HOLD DOWN STRAP SCALE: 1"=1'-0"



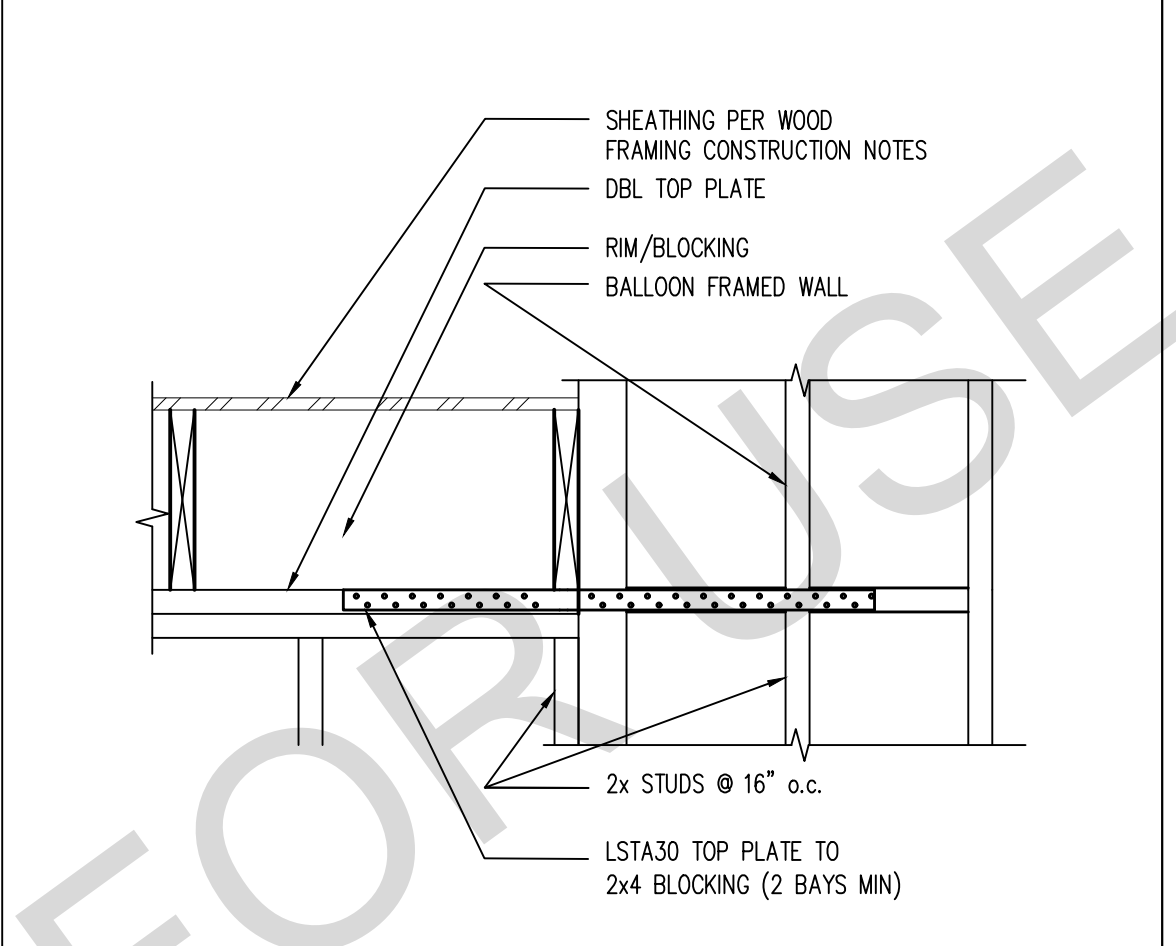
31 CALIFORNIA ROOF FILL CONNECTION SCALE: 1"=1'-0"



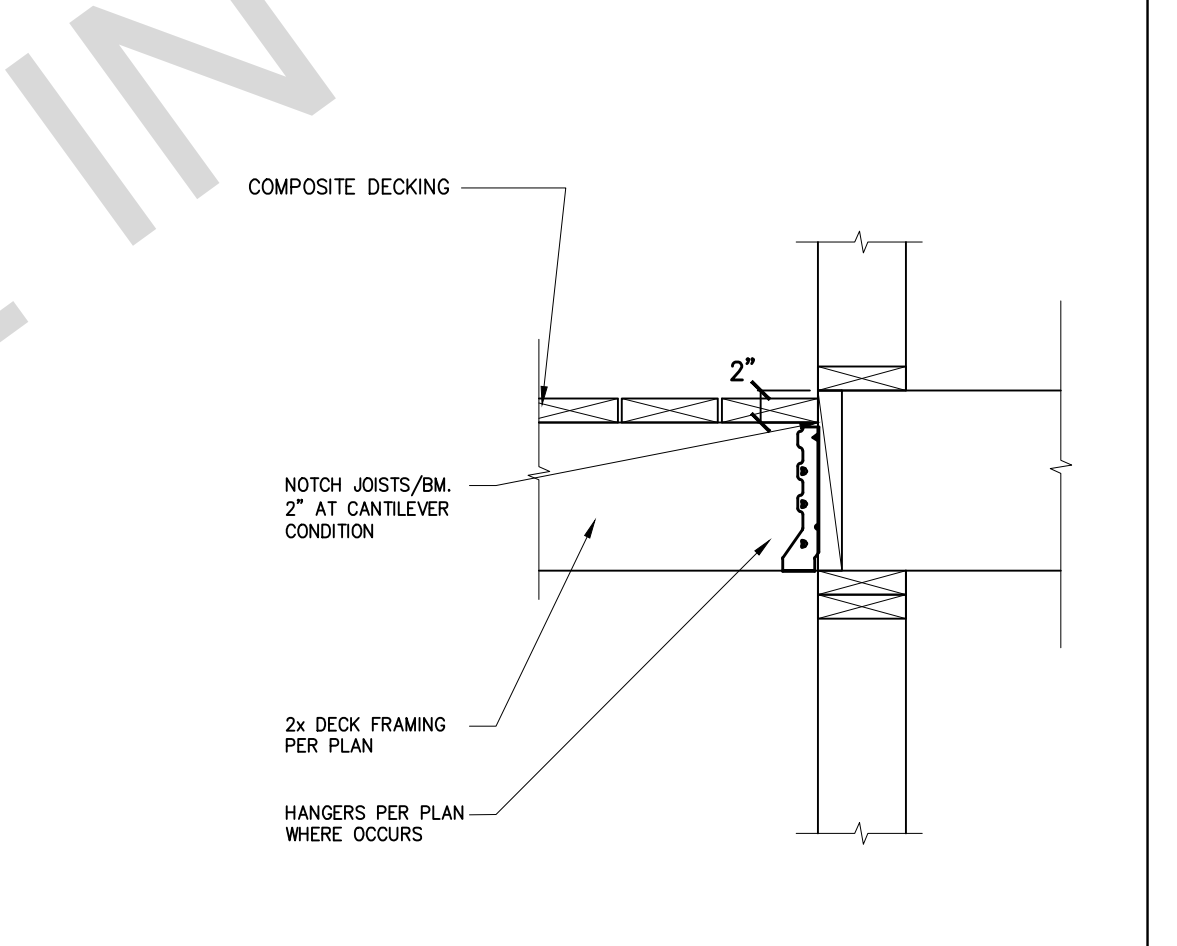
27 KING POST SCALE: 1"=1'-0"



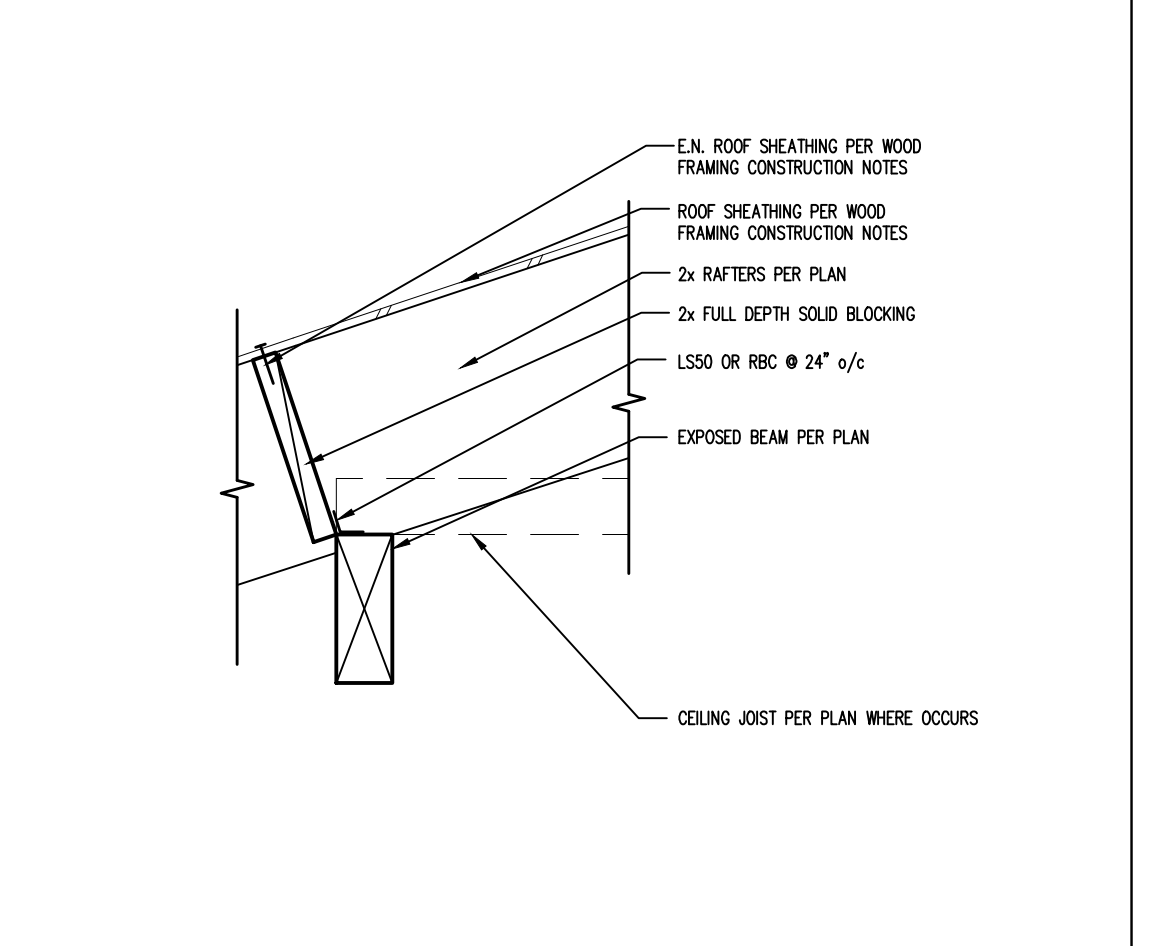
23 RAFTER AT RIDGE BOARD OVER RIDGE BEAM SCALE: 1"=1'-0"



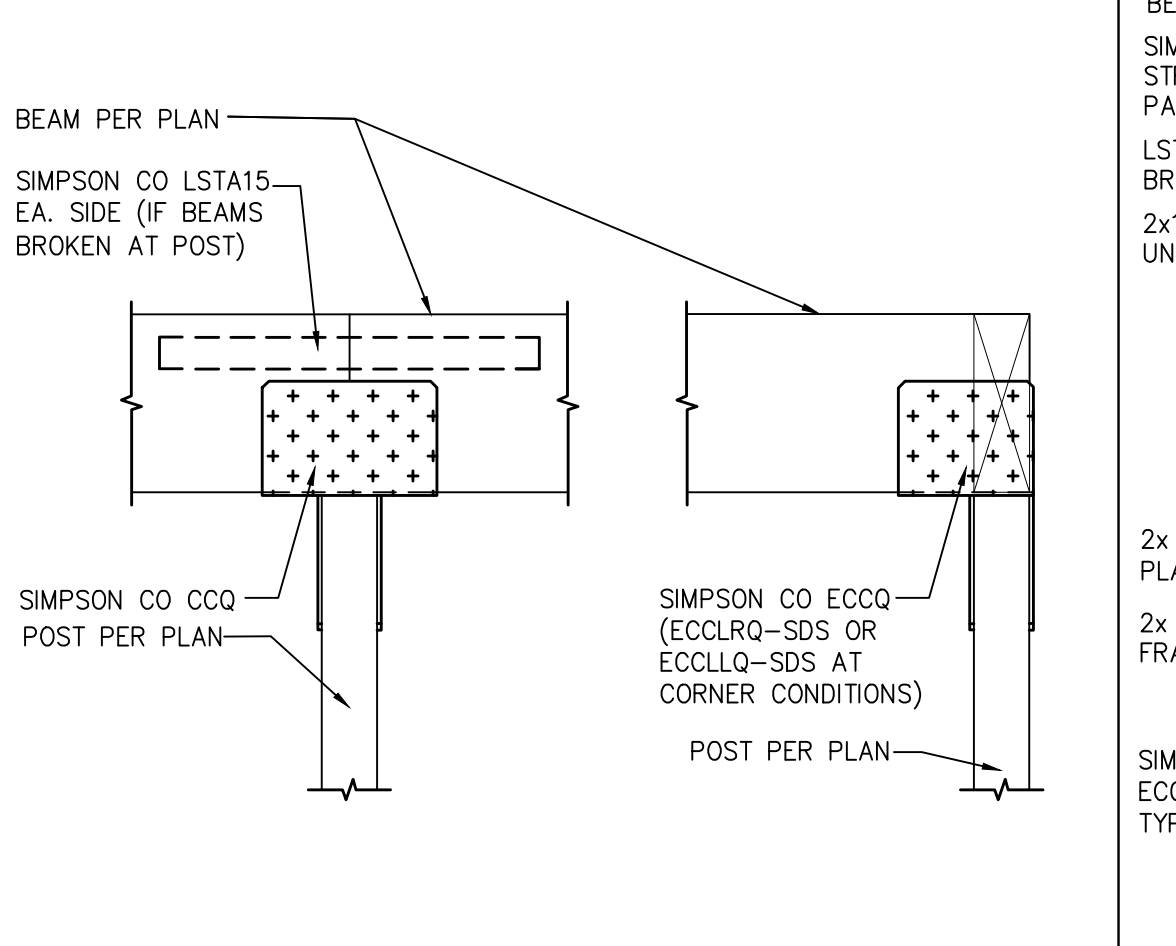
40 STRAP AT TOP PLATE SPLICE SCALE: 1"=1'-0"



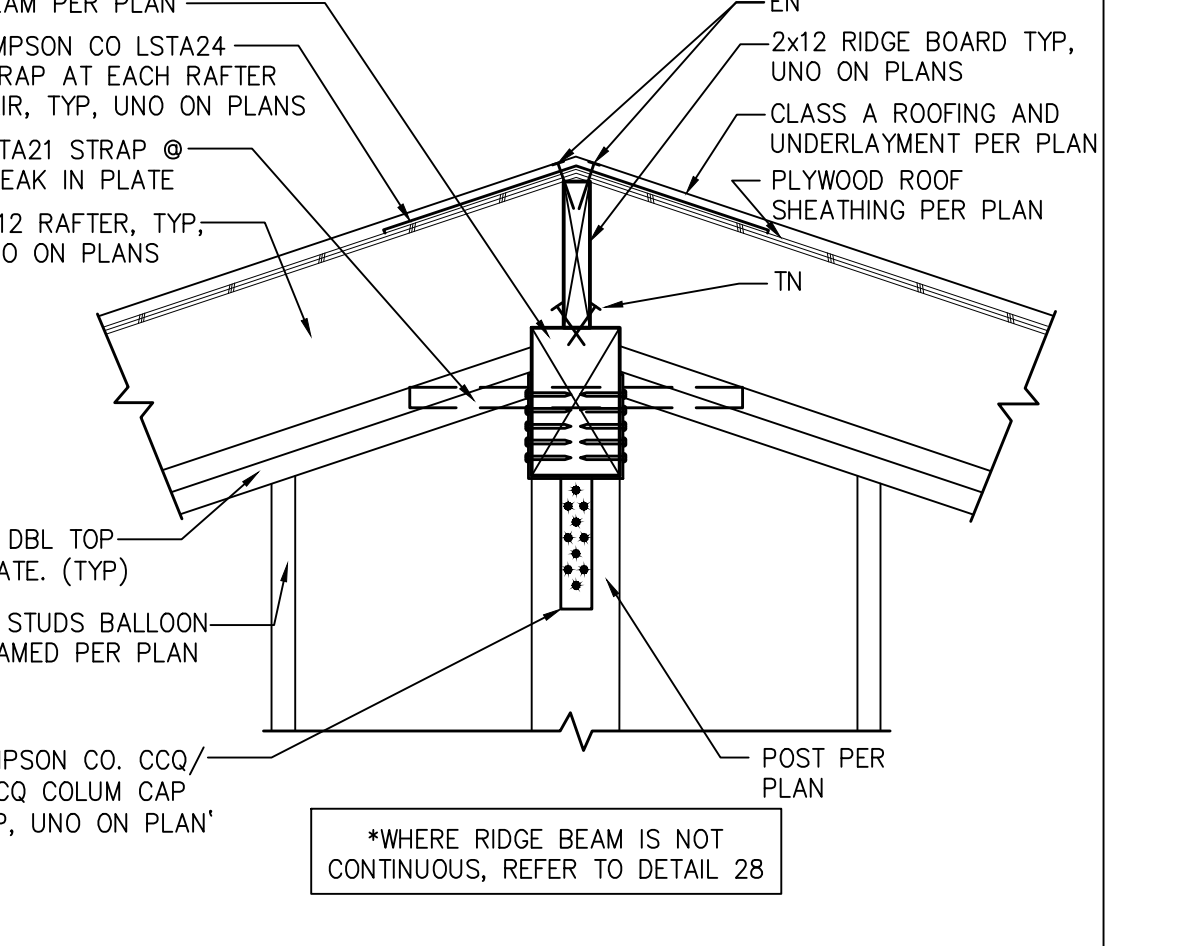
36 FLOOR TO DECK THRESHOLD SCALE: 1"=1'-0"



32 RAFTERS @ EXPOSED BEAM SCALE: 1"=1'-0"



28 POST TO BEAM WITH CCQ/ECCQ SCALE: 1"=1'-0"



24 RIDGE BOARD & BEAM AT WALL POST W/ HARDWARE SCALE: 1"=1'-0"

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project  
County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions  
△  
△  
△  
△  
△

description  
Structural  
Details

date 2024

project no. INYO COUNTY ADU/SFDS

drawn by DESIGN PATH STUDIO

sheet no. S6

**BUILDING ENERGY ANALYSIS REPORT**

**PROJECT:**  
3 Bedroom A  
Inyo County, CA

**Project Designer:**  
Design Path Studio  
Encinitas, CA 92024

**Report Prepared by:**  
Design Path Studio

**Job Number:**  
  
**Date:**  
4/22/2024

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2022 Building Energy Efficiency Standards. This program developed by EnergySoft, LLC - www.energysoft.com.

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
Project Name: 3 Bedroom A  
Calculation Date/Time: 2024-04-19T11:54:28-07:00  
Input File Name: 3 Bedroom A.rbd22x

CF1R-PRF-01-E  
(Page 1 of 12)

GENERAL INFORMATION											
01	Project Name	3 Bedroom A									
02	Run Title	Title 24 Analysis									
03	Project Location										
04	City	Inyo County			05	Standards Version	2022				
06	Zip code				07	Software Version	EnergyPro 9.2				
08	Climate Zone	16			09	Front Orientation (deg/ Cardinal)	All orientations				
10	Building Type	Single Family			11	Number of Dwelling Units	1				
12	Project Scope	Newly Constructed			13	Number of Bedrooms	3				
14	Addition Cond. Floor Area (ft²)	n/a			15	Number of Stories	1				
16	Existing Cond. Floor Area (ft²)	n/a			17	Fenestration Average U-factor	0.26				
18	Total Cond. Floor Area (ft²)	1469			19	Glazing Percentage (%)	14.18%				
20	ADU Bedroom Count	n/a			21	ADU Conditioned Floor Area	n/a				
22	Fuel Type	Natural gas			23	No Dwelling Unit	No				

**COMPLIANCE RESULTS**

01	Building Complies with Computer Performance
02	This building incorporates features that require field testing and/or verification by a certified HERS rater under the supervision of a CEC-approved HERS provider.
03	This building incorporates one or more Special Features shown below

Registration Number: 224-P01050254A-000-000-0000000-0000  
Registration Date/Time: 2024-04-22 11:22:33  
HERS Provider: CalCERTS, Inc.  
CA Building Energy Efficiency Standards - 2022 Residential Compliance  
Report Version: 2022.0.000  
Schema Version: rev 20220901  
Report Generated: 2024-04-19 11:55:33

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
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CF1R-PRF-01-E  
(Page 2 of 12)

	Energy Design Ratings			Compliance Margins		
	Source Energy (EDR1)	Efficiency <sup>1</sup> EDR (EDR2Efficiency)	Total <sup>2</sup> EDR (EDR2Total)	Source Energy (EDR1)	Efficiency <sup>1</sup> EDR (EDR2Efficiency)	Total <sup>2</sup> EDR (EDR2Total)
Standard Design						
	53.5	70.6	49.2			
Proposed Design						
North Facing	36.4	69.1	48.2	17.1	1.5	1
East Facing	35.9	67.2	47.3	17.6	3.4	1.9
South Facing	35.3	64.9	46.1	18.2	5.7	3.1
West Facing	35.6	66.2	46.7	17.9	4.4	2.5

**RESULT: PASS**

<sup>1</sup>Efficiency EDR includes improvements like a better building envelope and more efficient equipment.  
<sup>2</sup>Total EDR includes efficiency and demand response measures such as photovoltaic (PV) systems and batteries.  
 \* Building complies when source energy, efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded.  
 • Standard Design PV Capacity: 2.83 kWdc  
 • Proposed PV Capacity Scaling: North (2.33 kWdc) East (2.33 kWdc) South (2.33 kWdc) West (2.33 kWdc)

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
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Input File Name: 3 Bedroom A.rbd22x

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Energy Use	Standard Design Source Energy (EDR1) (kBtu/ft²-yr)	Standard Design TDV Energy (EDR2) (kTDOU/ft²-yr)	Proposed Design Source Energy (EDR1) (kBtu/ft²-yr)	Proposed Design TDV Energy (EDR2) (kTDOU/ft²-yr)	Compliance Margin (EDR1)	Compliance Margin (EDR2)
Space Heating	12.37	55.48	6.21	65.56	6.16	-10.08
Space Cooling	0.13	1.5	0.11	1.16	0.02	0.34
IAQ Ventilation	0.39	4.2	0.39	4.2	0	0
Water Heating	2.4	29.78	1.49	18.07	0.91	11.71
Self Utilization/Flexibility Credit			0		0	0
<b>North Facing Efficiency Compliance Total</b>	<b>15.29</b>	<b>90.96</b>	<b>8.2</b>	<b>88.99</b>	<b>7.09</b>	<b>1.97</b>
Space Heating	12.37	55.48	6.01	63.29	6.36	-7.81
Space Cooling	0.13	1.5	0.09	1.03	0.04	0.47
IAQ Ventilation	0.39	4.2	0.39	4.2	0	0
Water Heating	2.4	29.78	1.49	18.07	0.91	11.71
Self Utilization/Flexibility Credit			0		0	0
<b>East Facing Efficiency Compliance Total</b>	<b>15.29</b>	<b>90.96</b>	<b>7.88</b>	<b>86.59</b>	<b>7.31</b>	<b>4.37</b>

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
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Energy Use	Standard Design Source Energy (EDR1) (kBtu/ft²-yr)	Standard Design TDV Energy (EDR2) (kTDOU/ft²-yr)	Proposed Design Source Energy (EDR1) (kBtu/ft²-yr)	Proposed Design TDV Energy (EDR2) (kTDOU/ft²-yr)	Compliance Margin (EDR1)	Compliance Margin (EDR2)
Space Heating	12.37	55.48	5.7	59.86	6.67	-4.38
Space Cooling	0.13	1.5	0.14	1.54	-0.01	-0.04
IAQ Ventilation	0.39	4.2	0.39	4.2	0	0
Water Heating	2.4	29.78	1.49	18.05	0.91	11.73
Self Utilization/Flexibility Credit			0		0	0
<b>South Facing Efficiency Compliance Total</b>	<b>15.29</b>	<b>90.96</b>	<b>7.72</b>	<b>83.65</b>	<b>7.57</b>	<b>7.31</b>
Space Heating	12.37	55.48	5.87	61.83	6.5	-6.37
Space Cooling	0.13	1.5	1.14	1.14	0.02	0.36
IAQ Ventilation	0.39	4.2	0.39	4.2	0	0
Water Heating	2.4	29.78	1.49	18.07	0.91	11.71
Self Utilization/Flexibility Credit			0		0	0
<b>West Facing Efficiency Compliance Total</b>	<b>15.29</b>	<b>90.96</b>	<b>7.86</b>	<b>85.26</b>	<b>7.43</b>	<b>5.7</b>

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
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Energy Use Intensity	Standard Design (kBtu/ft²-yr)	Proposed Design (kBtu/ft²-yr)	Compliance Margin (kBtu/ft²-yr)	Margin Percentage
<b>North Facing</b>				
Gross EU <sup>1</sup>	28.75	19.98	8.77	30.5
Net EU <sup>2</sup>	19.95	11.18	8.77	43.96
<b>East Facing</b>				
Gross EU <sup>1</sup>	28.75	19.72	9.03	31.41
Net EU <sup>2</sup>	19.95	10.91	9.04	45.31
<b>South Facing</b>				
Gross EU <sup>1</sup>	28.75	19.27	9.28	32.28
Net EU <sup>2</sup>	19.95	10.67	9.28	46.52
<b>West Facing</b>				
Gross EU <sup>1</sup>	28.75	19.63	9.12	31.72
Net EU <sup>2</sup>	19.95	10.83	9.12	45.71

Notes:  
 1. Gross EU is Energy Use Total (not including PV) / Total Building Area.  
 2. Net EU is Energy Use Total (including PV) / Total Building Area.

Registration Number: 224-P01050254A-000-000-0000000-0000  
Registration Date/Time: 2024-04-22 11:22:33  
HERS Provider: CalCERTS, Inc.  
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Report Version: 2022.0.000  
Schema Version: rev 20220901  
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Registration Number: 224-P01050254A-000-000-0000000-0000  
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**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
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01	02	03	04	05	06	07	08	09	10	11	12
DC System Size (kWdc)	Exception	Module Type	Array Type	Power Electronics	CFI	Asimuth (deg)	Tilt Input	Array Angle (deg)	Tilt: (x in 12)	Inverter Eff. (%)	Annual Solar Access (%)
2.33	NA	Standard [14-17N]	Fixed	none	true	150-270	n/a	n/a	~7-12	96	98

**REQUIRED SPECIAL FEATURES**  
The following are features that must be installed as condition for meeting the modeled energy performance for this computer analysis.  
 • Variable capacity heat pump compliance option (verification details from VCHP Staff report, Appendix B, and RA3)  
 • Northwest Energy Efficiency Alliance (NEEA) rated heat pump water heater, specific brand/model, or equivalent, must be installed.

**HERS FEATURE SUMMARY**  
The following is a summary of the features that must be field-verified by a certified HERS Rater as a condition for meeting the modeled energy performance for this computer analysis. Additional detail is provided in the building tables below. Registered G2Rs and C2Rs are required to be completed in the HERS Registry.  
 • Quality insulation installation (QI)  
 • Indoor air quality ventilation  
 • Kitchen range hood  
 • Verified Refrigerant Charge  
 • Airflow in habitable rooms (SC3.1.4.1.7)  
 • Verified heat pump rated heating capacity  
 • Wall-mounted thermostat in zones greater than 150 ft² (SC3.4.3)  
 • Ductless indoor units located entirely in conditioned space (SC3.1.4.1.8)

01	02	03	04	05	06	07
Project Name	Conditioned Floor Area (ft²)	Number of Dwelling Units	Number of Bedrooms	Number of Zones	Number of Ventilation Cooling Systems	Number of Water Heating Systems
3 Bedroom A	1469	1	3	1	0	1

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ZONE INFORMATION						
01	02	03	04	05	06	07
Zone Name	Zone Type	HVAC System Name	Zone Floor Area (ft²)	Avg. Ceiling Height	Water Heating System 1	Status
3 Bedroom A Unit	Conditioned	Ductless MiniSplit	1469	8	DHW Sys 1	New

OPaque SURFACES							
01	02	03	04	05	06	07	08
Name	Zone	Construction	Asimuth	Orientation	Gross Area (ft²)	Window and Door Area (ft²)	Tilt (deg)
Front Wall	3 Bedroom A Unit	R-21 Wall	0	Front	343	48.5	90
Left Wall	3 Bedroom A Unit	R-21 Wall	90	Left	248	56	90
Rear Wall	3 Bedroom A Unit	R-21 Wall	180	Back	343	39.5	90
Right Wall	3 Bedroom A Unit	R-21 Wall	270	Right	248	64	90

OPaque SURFACES - CATHEDRAL CEILINGS										
01	02	03	04	05	06	07	08	09	10	11
Name	Zone	Construction	Asimuth	Orientation	Area (ft²)	Skylight Area (ft²)	Roof Rise (x in 12)	Roof Reflectance	Roof Emittance	Cool Roof
Roof	3 Bedroom A Unit	R-30 Roof No Attic	0	Front	1469	0	4	0.1	0.83	No

FENESTRATION / GLAZING													
01	02	03	04	05	06	07	08	09	10	11	12	13	14
Name	Type	Surface	Orientation	Asimuth	Width (ft)	Height (ft)	Mult.	Area (ft²)	U-factor	U-factor Source	SHGC	SHGC Source	Exterior Shading
Window B	Window	Left Wall	Left	90	1	28	0.26	NFRC	0.43	NFRC			Bug Screen
Window B 2	Window	Left Wall	Left	90	1	28	0.26	NFRC	0.43	NFRC			Bug Screen
Window C 2	Window	Rear Wall	Back	180	1	18	0.26	NFRC	0.43	NFRC			Bug Screen
Window D 2	Window	Rear Wall	Back	180	1	3.5	0.26	NFRC	0.43	NFRC			Bug Screen
Window C 3	Window	Rear Wall	Back	180	1	18	0.26	NFRC	0.43	NFRC			Bug Screen
Window E	Window	Right Wall	Right	270	1	16	0.26	NFRC	0.43	NFRC			Bug Screen
Window E 2	Window	Right Wall	Right	270	1	16	0.26	NFRC	0.43	NFRC			Bug Screen
Window E 3	Window	Right Wall	Right	270	1	16	0.26	NFRC	0.43	NFRC			Bug Screen
Window E 4	Window	Right Wall	Right	270	1	16	0.26	NFRC	0.43	NFRC			Bug Screen

SLAB FLOORS							
01	02	03	04	05	06	07	08
Name	Zone	Area (ft²)	Perimeter (ft)	Edge Insul. R-value and Depth	Edge Insul. R-value and Depth	Carpeted Fraction	Heated
Slab-on-Grade	3 Bedroom A Unit	1469	156	none	0	100%	No

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FENESTRATION / GLAZING													
01	02	03	04	05	06	07	08	09	10	11	12	13	14
Name	Type	Surface	Orientation	Asimuth	Width (ft)	Height (ft)	Mult.	Area (ft²)	U-factor	U-factor Source	SHGC	SHGC Source	Exterior Shading
Window B	Window	Left Wall	Left	90	1	28	0.26	NFRC	0.43	NFRC			Bug Screen
Window B 2	Window	Left Wall	Left	90	1	28	0.26	NFRC	0.43	NFRC			Bug Screen
Window C 2	Window	Rear Wall	Back	180	1	18	0.26	NFRC	0.43	NFRC			Bug Screen
Window D 2	Window	Rear Wall	Back	180	1	3.5	0.26	NFRC	0.43	NFRC			Bug Screen
Window C 3	Window	Rear Wall	Back	180	1	18	0.26	NFRC	0.43	NFRC			Bug Screen
Window E	Window	Right Wall	Right	270	1	16	0.26	NFRC	0.43	NFRC			Bug Screen
Window E 2	Window	Right Wall	Right	270	1	16	0.26	NFRC	0.43	NFRC			Bug Screen
Window E 3	Window	Right Wall	Right	270	1	16	0.26	NFRC	0.43	NFRC			Bug Screen
Window E 4	Window	Right Wall	Right	270	1	16	0.26	NFRC	0.43	NFRC			Bug Screen

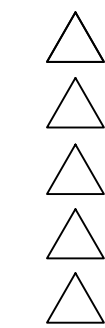
SLAB FLOORS							
01	02	03	04	05	06	07	08
Name	Zone	Area (ft²)	Perimeter (ft)	Edge Insul. R-value and Depth	Edge Insul. R-value and Depth	Carpeted Fraction	Heated
Slab-on-Grade	3 Bedroom A Unit	1469	156	none	0	100%	No

Registration Number: 224-P01050254A-000-000-0000000-0000  
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project  
County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions



description

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD  
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01	02	03	04	05	06	07	08
Construction Name	Surface Type	Construction Type	Framing	Total Cavity R-value	Interior / Exterior Continuous R-value	U-factor	Assembly Layers
R-21 Wall	Exterior Walls	Wood Framed Wall	2x6 @ 16 in. O.C.	R-21	None / None	0.059	Inside Finish: Gypsum Board Cavity / Frame: R-21 / 2x6 Exterior Finish: 3 Coat Stucco
R-30 Roof No Attic	Cathedral Ceilings	Wood Framed Ceiling	2x12 @ 16 in. O.C.	R-30	None / None	0.034	Roofing: 10 PSF (Roof/Attic/Air-Gap) Tile Deck: plywood Roof Deck: Wood Siding/Shathing/Decking Cavity / Frame: R-30 / 2x12 Inside Finish: Gypsum Board

01	02	03	04	05
Quality Insulation Required (QIR)	High R-value Spray Foam Insulation	Building Envelope Air Leakage	CFM50	CFM50
Insulation	Not Required	N/A	n/a	n/a

01	02	03	04	05	06	07	08	09
Name	System Type	Distribution Type	Water Heater Name	Number of Units	06 Heating System	Compact Distribution	HERS Verification	Water Heater Name (1)
DHW Sys 1	Domestic Hot Water (DHW)	Standard	DHW Heater 1	1	n/a	None	n/a	DHW Heater 1 (1)

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01	02	03	04	05	06	07	08
Name	# of Units	Tank Vol. (gal)	NEEA Heat Pump Brand	NEEA Heat Pump Model	Tank Location	Duct Inlet Air Source	Duct Outlet Air Source
DHW Heater 1	1	40	Rheem	PROPH40 T2 RH97530 (40 gal, JAL3)	Outside	3 Bedroom A Unit	3 Bedroom A Unit

01	02	03	04	05	06	07
Name	Pipe Insulation	Parallel Piping	Compact Distribution Type	Compact Distribution Type	Recirculation Control	Shower Drain Water Heat Recovery
DHW Sys 1 - 1/1	Not Required	Not Required	Not Required	None	Not Required	Not Required

01	02	03	04	05	06	07	08	09
Name	System Type	Heating Unit Name	Heating Equipment Count	Cooling Unit Name	Cooling Equipment Count	Fan Name	Distribution Name	Required Thermostat Type
Ductless MiniSplit	Heat pump heating/cooling	Heat Pump System 1	1	Heat Pump System 1	1	n/a	n/a	Setback

01	02	03	04	05	06	07	08	09	10	11	12	13
Name	System Type	Number of Units	Heating Type	HSPF/HIS P2/CAP	Cap 47	Cap 17	Cooling Efficiency Type	SEER/SE 2/CEER	ER/EEER	HERS Verification	Compressor Type	HERS Verification
Heat Pump System 1	VCHP-ductless	1	HSPF	8.2	36000	32000	EEER/EER	14	11.7	Not Zonal	Single Speed	Heat Pump System 1

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01	02	03	04	05	06	07	08	09
Name	Verified Airflow	Airflow Target	Verified EER/EEER	Verified SEER/SEER	Verified Refrigerant Charge	Verified HSPF/HSPF2	Verified Heating Cap 47	Verified Heating Cap 17
Heat Pump System 1-Heat Pump	Not Required	0	Not Required	Not Required	Yes	No	Yes	Yes

01	02	03	04	05	06	07	08	09	10
Name	Certified VCHP System	Airflow to Unhabitable Rooms	Ductless Units in Conditioned Space	Wall Thermostat	Air Filter Sizing	Low Leakage Ducts in Conditioned Space	Minimum Airflow per RA3.3 and SC3.3.3.1	Certified non-continuous Fan	Indoor Fan not Running Continuously
Heat Pump System 1	Not required	Required	Required	Required	Not required	Not required	Not required	Not required	Not required

01	02	03	04	05	06	07	08	09
Dwelling Unit	Airflow (CFM)	Fan Efficiency (W/CFM)	IAQ Fan Type	Includes Heat/Energy Recovery?	IAQ Recovery Effectiveness - SRE/ASRE	Includes Fault Indicator Display?	HERS Verification	Status
5Fam IAQ/HR/RT	73	n/a	Exhaust	0.35	n/a / n/a	No	Yes	

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I, certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name	Documentation Author Signature
Yvonne St Pierre	

Design Path Studio  
PO Box 230165  
Encinitas, CA 92023  
Phone: 619-292-8807

RESPONSIBLE PERSON'S DECLARATION STATEMENT  
I, certify the following under penalty of perjury, under the State of California:  
1. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design identified on this Certificate of Compliance.  
2. I certify that the energy features and performance specifications identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
3. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
Responsible Designer Name: Yvonne St Pierre  
Signature Date: 2024-04-22 11:22:33  
Phone: 619-292-8807

Digitally signed by CaCERTS. This digital signature is provided in order to secure the content of this registered document, and in no way implies Registration Provider responsibility for the accuracy of the information.

Registration Number: 224-PO1000254A-000-000-000000-0000  
Registration Date/Time: 2024-04-02 11:22:33  
HERS Provider: CaCERTS Inc.  
CA Building Energy Efficiency Standards - 2022 Residential Compliance  
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RESIDENTIAL MEASURES SUMMARY										RMS-1
Project Name	Building Type	City	County	Parcel No.	Address	Zip	Permit No.	Issue Date	Inspector	Page 12 of 12
3 Bedroom A	Single Family	Encinitas	San Diego	1483	1483 Palms Dr	92024	2024-04-19	11:55:33	CaCERTS Inc.	

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Section	Requirement	Compliance
110.0001	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0002	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0003	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0004	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0005	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0006	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0007	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0008	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0009	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0010	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0011	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0012	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0013	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0014	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0015	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0016	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0017	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0018	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0019	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0020	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0021	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0022	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0023	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0024	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0025	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0026	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0027	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0028	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0029	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0030	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0031	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0032	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0033	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0034	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0035	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0036	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0037	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0038	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0039	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0040	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0041	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0042	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0043	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0044	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0045	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0046	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0047	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0048	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0049	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0050	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0051	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0052	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0053	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0054	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0055	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0056	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0057	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0058	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0059	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0060	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0061	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0062	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0063	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0064	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0065	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0066	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0067	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0068	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0069	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0070	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0071	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0072	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0073	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0074	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0075	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0076	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0077	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0078	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0079	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0080	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0081	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0082	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0083	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0084	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0085	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0086	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0087	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0088	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0089	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0090	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0091	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0092	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0093	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0094	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0095	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0096	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0097	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0098	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0099	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0100	Roof Deck, Ceiling and Rafter Insulation	Compliant

Registration Number: 224-PO1000254A-000-000-000000-0000  
Registration Date/Time: 2024-04-02 11:22:33  
HERS Provider: CaCERTS Inc.  
CA Building Energy Efficiency Standards - 2022 Residential Compliance  
Report Version: 2022.0.000  
Schema Version: rev 20220901  
Report Generated: 2024-04-19 11:55:33

2022 Single-Family Residential Mandatory Requirements Summary

110.0101	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0102	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0103	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0104	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0105	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0106	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0107	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0108	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0109	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0110	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0111	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0112	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0113	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0114	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0115	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0116	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0117	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0118	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0119	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0120	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0121	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0122	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0123	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0124	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0125	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0126	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0127	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0128	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0129	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0130	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0131	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0132	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0133	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0134	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0135	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0136	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0137	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0138	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0139	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0140	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0141	Roof Deck, Ceiling and Rafter Insulation	Compliant
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110.0144	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0145	Roof Deck, Ceiling and Rafter Insulation	Compliant
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110.0147	Roof Deck, Ceiling and Rafter Insulation	Compliant
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110.0149	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0150	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0151	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0152	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0153	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0154	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0155	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0156	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0157	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0158	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0159	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0160	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0161	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0162	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0163	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0164	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0165	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0166	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0167	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0168	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0169	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0170	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0171	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0172	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0173	Roof Deck, Ceiling and Rafter Insulation	Compliant
110.0174</		



**2022 Single-Family Residential Mandatory Requirements Summary**

§ 105.03	<b>Energy Storage System (ESS) Ready.</b> All single-family residences must meet all of the following: Either ESS-ready interconnection equipment with backed-up capacity of 60 amps or more and four or more ESS supplied branch circuits, or a dedicated roomy from the main service to a subpanel that supplies the branch circuits (1) 100/200 amp, (2) at least four branch circuits, (3) be identified and have their source collected at a single panelboard suitable to be supplied by the ESS, with one circuit supplying the refrigerator, one lighting circuit over the primary and secondary windings to a secondary main panelboard, main panelboard must have a minimum breaker rating of 225 amps, sufficient space must be reserved to allow future installation of a system isolation equipment/transfer switch within 2' of the main panelboard, with interlocks installed between the panelboard and the switch location to allow the connection of backup power supply.
§ 105.03	<b>Heat Pump Space Heater Ready.</b> Systems using gas or propane furnaces to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit serving residential units 2' of the furnace with circuit conductors rated at least 30 amps with the blank cover identified as "240V ready," and a reserved main electrical service panel space to allow for the installation of a double pole circuit breaker permanently marked as "240V ready."
§ 105.03	<b>Electric Cooktop Ready.</b> Systems using gas or propane cooktop to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit serving residential units 2' of the cooktop with circuit conductors rated at least 30 amps with the blank cover identified as "240V ready," and a reserved main electrical service panel space to allow for the installation of a double pole circuit breaker permanently marked as "240V ready."
§ 105.03	<b>Electric Clothes Dryer Ready.</b> Clothes dryer locations with gas or propane plumbing to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit serving residential units 2' of the dryer location with circuit conductors rated at least 30 amps with the blank cover identified as "240V ready," and a reserved main electrical service panel space to allow for the installation of a double pole circuit breaker permanently marked as "240V ready."

\*exceptions may apply.

**HVAC SYSTEM HEATING AND COOLING LOADS SUMMARY**

Project Name: 0 Bedroom A Date: 4/22/2024  
 System Name: Floor Area: 1,469  
 Designer: M+acpjt

ENGINEERING CHECKS	SYSTEM LOAD	COIL COOLING PEAK				COIL INTO PEAK	
		CFM	Sensible	Latent	CFM	Sensible	
<b>Number of Systems</b>	1						
<b>Heating System</b>							
Output per System	38,000						
Total Output (Btu/h)	38,000						
Output (lbm/h@ft)	24.8						
<b>Cooling System</b>							
Output per System	38,000						
Total Output (Btu/h)	38,000						
Total Output (Tons)	3.6						
Total Output (lbm/h@ft)	24.8						
Total Output (lbm/h@ft)	49.9						
<b>Air System</b>							
CFM per System	0						
Airflow (cfs)	0						
Airflow (lbm/h@ft)	0.0						
Airflow (cfs/ft <sup>2</sup> )	0.0						
Outside Air (%)	0.0%						
Outside Air (lbm/h@ft)	0.00						
Note: values above given at ARI conditions.		TIME OF SYSTEM PEAK		Aug 3 PM	Jan 1 AM		
<b>HEATING SYSTEM PSYCHROMETRICS (Airstream Temperatures at Time of Heating Peak)</b>							
<b>COOLING SYSTEM PSYCHROMETRICS (Airstream Temperatures at Time of Cooling Peak)</b>							

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- THE USE OF THIS INFORMATION IS RESTRICTED TO THE ORIGINAL PROJECT FOR WHICH IT WAS PREPARED FOR THE PERMIT READY ACCESSORY DWELLING UNIT (ADU) PROGRAM FOR THE COUNTY OF INYO ONLY. THIS IS A LIMITED SET OF STANDARDIZED ADU PLANS AND SPECIFICATIONS APPROVED BY THE COUNTY OF INYO BUILDING DEPARTMENT. BUILDING CODES DO CHANGE OVER TIME AND RECIPIENT SHALL ENSURE FULL COMPLIANCE UNDER ALL CODES THEN IN EFFECT AT THE TIME OF THE SUBJECT PERMIT. THIS DOES NOT ELIMINATE OR REDUCE THE RECIPIENT'S RESPONSIBILITY TO VERIFY ANY AND ALL INFORMATION RELEVANT TO THE RECIPIENT'S WORK AND RESPONSIBILITY ON THIS PROJECT. DESIGN PATH STUDIO SHALL NOT BE RESPONSIBLE FOR TRANSLATION ERRORS. DO NOT USE THESE CONSTRUCTION DOCUMENTS IF THE PERMIT HAS EXPIRED OR IS REVOKED AT ALL.
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- IF THE RECIPIENT DOES NOT AGREE WITH THE ABOVE CONDITIONS, DO NOT PROCEED WITH CONSTRUCTION OF AN ADU OR OTHER IMPROVEMENT UNDER THESE PLANS AT ALL.

project

County of Inyo  
Pre-Approved  
ADU/SFD Program

revisions

- △
- △
- △
- △
- △

description

Energy  
Calculations  
Bishop

date 2024

project no. INYO COUNTY ADU/SFDS

drawn by DESIGN PATH STUDIO

sheet no. T24.3

**BUILDING ENERGY ANALYSIS REPORT**

**PROJECT:**  
3 Bedroom A  
Inyo County, CA

**Project Designer:**  
Design Path Studio  
Encinitas, CA 92024

**Report Prepared by:**  
Design Path Studio

**Job Number:**  
  
**Date:**  
4/22/2024

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2022 Building Energy Efficiency Standards. This program developed by EnergySoft, LLC - www.energysoft.com

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
Project Name: 3 Bedroom A  
Calculation Date/Time: 2024-04-22T12:58:28-07:00  
Input File Name: 3 Bedroom A.rbd22x

CF1R-PRF-01-E  
(Page 1 of 12)

GENERAL INFORMATION											
01	Project Name	3 Bedroom A									
02	Run Title	Title 24 Analysis									
03	Project Location										
04	City	Inyo County			05	Standards Version	2022				
06	Zip code				07	Software Version	EnergyPro 9.2				
08	Climate Zone	14			09	Front Orientation (deg/ Cardinal)	All orientations				
10	Building Type	Single Family			11	Number of Dwelling Units	1				
12	Project Scope	Newly Constructed			13	Number of Bedrooms	3				
14	Addition Cond. Floor Area (ft²)	n/a			15	Number of Stories	1				
16	Existing Cond. Floor Area (ft²)	n/a			17	Fenestration Average U-factor	0.3				
18	Total Cond. Floor Area (ft²)	1469			19	Glazing Percentage (%)	14.18%				
20	ADU Bedroom Count	n/a			21	ADU Conditioned Floor Area	n/a				
22	Fuel Type	Natural gas			23	No Dwelling Unit	No				

COMPLIANCE RESULTS	
01	Building Complies with Computer Performance
02	This building incorporates features that require field testing and/or verification by a certified HERS rater under the supervision of a CEC-approved HERS provider.
03	This building incorporates one or more Special Features shown below

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
Project Name: 3 Bedroom A  
Calculation Date/Time: 2024-04-22T12:58:28-07:00  
Input File Name: 3 Bedroom A.rbd22x

CF1R-PRF-01-E  
(Page 2 of 12)

	Energy Design Ratings			Compliance Margins		
	Source Energy (EDR1)	Efficiency <sup>1</sup> EDR (EDR2Efficiency)	Total <sup>2</sup> EDR (EDR2Total)	Source Energy (EDR1)	Efficiency <sup>1</sup> EDR (EDR2Efficiency)	Total <sup>2</sup> EDR (EDR2Total)
Standard Design	40.9	44.9	32			
Proposed Design						
North Facing	33.6	40.7	29.4	7.3	4.2	2.6
East Facing	32.9	39.7	28.8	8	5.2	3.2
South Facing	32.4	39	28.4	8.5	5.5	3.6
West Facing	32.3	39.4	28.7	8	5.9	3.3

**RESULT: PASS**

<sup>1</sup>Efficiency EDR includes improvements like a better building envelope and more efficient equipment  
<sup>2</sup>Total EDR includes efficiency and demand response measures such as photovoltaic (PV) systems and batteries  
<sup>3</sup>Building complies when source energy, efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded

• Standard Design PV Capacity: 3.42 kWdc  
 • Proposed PV Capacity Scaling: North (2.42 kWdc) East (2.42 kWdc) South (2.42 kWdc) West (2.42 kWdc)

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
Project Name: 3 Bedroom A  
Calculation Date/Time: 2024-04-22T12:58:28-07:00  
Input File Name: 3 Bedroom A.rbd22x

CF1R-PRF-01-E  
(Page 3 of 12)

ENERGY USE SUMMARY							
Energy Use	Standard Design Source Energy (EDR1) (kBtu/ft²-yr)	Standard Design TDV Energy (EDR2) (kTDOU/ft²-yr)	Proposed Design Source Energy (EDR1) (kBtu/ft²-yr)	Proposed Design TDV Energy (EDR2) (kTDOU/ft²-yr)	Compliance Margin (EDR1)	Compliance Margin (EDR2)	
Space Heating	5.04	22.71	3.68	27.04	1.36	-4.33	
Space Cooling	1.18	27.06	0.91	24.8	0.27	2.26	
IAQ Ventilation	0.38	4.01	0.38	4.01	0	0	
Water Heating	2.3	21.86	1.18	12.81	1.12	9.05	
Self Utilization/Flexibility Credit				0		0	
<b>North Facing Efficiency Compliance Total</b>	<b>8.9</b>	<b>75.64</b>	<b>6.15</b>	<b>68.66</b>	<b>2.75</b>	<b>6.98</b>	
Space Heating	5.04	22.71	3.64	25.35	1.6	-2.44	
Space Cooling	1.18	27.06	0.91	25.03	0.27	2.03	
IAQ Ventilation	0.38	4.01	0.38	4.01	0	0	
Water Heating	2.3	21.86	1.18	12.8	1.12	9.06	
Self Utilization/Flexibility Credit				0		0	
<b>East Facing Efficiency Compliance Total</b>	<b>8.9</b>	<b>75.64</b>	<b>5.91</b>	<b>66.99</b>	<b>2.99</b>	<b>8.65</b>	

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
Project Name: 3 Bedroom A  
Calculation Date/Time: 2024-04-22T12:58:28-07:00  
Input File Name: 3 Bedroom A.rbd22x

CF1R-PRF-01-E  
(Page 4 of 12)

ENERGY USE INTENSITY							
Energy Use	Standard Design Source Energy (EDR1) (kBtu/ft²-yr)	Standard Design TDV Energy (EDR2) (kTDOU/ft²-yr)	Proposed Design Source Energy (EDR1) (kBtu/ft²-yr)	Proposed Design TDV Energy (EDR2) (kTDOU/ft²-yr)	Compliance Margin (EDR1)	Compliance Margin (EDR2)	
Space Heating	5.04	22.71	3.19	23.34	1.85	-0.63	
Space Cooling	1.18	27.06	0.97	25.89	0.21	1.37	
IAQ Ventilation	0.38	4.01	0.38	4.01	0	0	
Water Heating	2.3	21.86	1.18	12.79	1.12	9.07	
Self Utilization/Flexibility Credit				0		0	
<b>South Facing Efficiency Compliance Total</b>	<b>8.9</b>	<b>75.64</b>	<b>5.72</b>	<b>65.83</b>	<b>3.18</b>	<b>9.81</b>	
Space Heating	5.04	22.71	3.41	25.07	1.63	-2.36	
Space Cooling	1.18	27.06	0.94	24.6	0.24	2.46	
IAQ Ventilation	0.38	4.01	0.38	4.01	0	0	
Water Heating	2.3	21.86	1.18	12.8	1.12	9.06	
Self Utilization/Flexibility Credit				0		0	
<b>West Facing Efficiency Compliance Total</b>	<b>8.9</b>	<b>75.64</b>	<b>5.91</b>	<b>66.48</b>	<b>2.99</b>	<b>9.16</b>	

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
Project Name: 3 Bedroom A  
Calculation Date/Time: 2024-04-22T12:58:28-07:00  
Input File Name: 3 Bedroom A.rbd22x

CF1R-PRF-01-E  
(Page 5 of 12)

ENERGY USE INTENSITY				
	Standard Design (kBtu/ft²-yr)	Proposed Design (kBtu/ft²-yr)	Compliance Margin (kBtu/ft²-yr)	Margin Percentage
<b>North Facing</b>				
Gross EU <sup>1</sup>	21.61	17.6	4.01	18.56
Net EU <sup>2</sup>	11.26	7.24	4.02	35.7
<b>East Facing</b>				
Gross EU <sup>1</sup>	21.61	17.43	4.18	19.34
Net EU <sup>2</sup>	11.26	7.07	4.19	37.21
<b>South Facing</b>				
Gross EU <sup>1</sup>	21.61	17.24	4.37	20.22
Net EU <sup>2</sup>	11.26	6.88	4.38	38.9
<b>West Facing</b>				
Gross EU <sup>1</sup>	21.61	17.31	4.3	19.9
Net EU <sup>2</sup>	11.26	6.95	4.31	38.28

Notes:  
 1. Gross EU is Energy Use Total (not including PV) / Total Building Area.  
 2. Net EU is Energy Use Total (including PV) / Total Building Area.

Registration Number: 224-P010051247A-000-000-0000000-0000  
 Registration Date/Time: 2024-04-24 08:39:09  
 HERS Provider: CaCERTS Inc.  
 CA Building Energy Efficiency Standards - 2022 Residential Compliance  
 Report Version: 2022.0.000  
 Schema Version: rev 20220901  
 Report Generated: 2024-04-22 12:59:35

Registration Number: 224-P010051247A-000-000-0000000-0000  
 Registration Date/Time: 2024-04-24 08:39:09  
 HERS Provider: CaCERTS Inc.  
 CA Building Energy Efficiency Standards - 2022 Residential Compliance  
 Report Version: 2022.0.000  
 Schema Version: rev 20220901  
 Report Generated: 2024-04-22 12:59:35

Registration Number: 224-P010051247A-000-000-0000000-0000  
 Registration Date/Time: 2024-04-24 08:39:09  
 HERS Provider: CaCERTS Inc.  
 CA Building Energy Efficiency Standards - 2022 Residential Compliance  
 Report Version: 2022.0.000  
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 Report Generated: 2024-04-22 12:59:35

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
Project Name: 3 Bedroom A  
Calculation Date/Time: 2024-04-22T12:58:28-07:00  
Input File Name: 3 Bedroom A.rbd22x

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REQUIRED PV SYSTEMS											
01	02	03	04	05	06	07	08	09	10	11	12
DC System Size (kWdc)	Exception	Module Type	Array Type	Power Electronics	CFI	Azimuth (deg)	Tilt (deg)	Array Angle (deg)	Tilt: (x in 12)	Inverter Eff. (%)	Annual Solar Access (%)
2.42	NA	Standard [14-17W]	Fixed	none	true	150-270	n/a	n/a	~7-12	96	98

**REQUIRED SPECIAL FEATURES**

The following are features that must be installed as condition for meeting the modeled energy performance for this computer analysis.

- Variable capacity heat pump compliance option (verification details from VCHP Staff report, Appendix B, and RA3)
- Northwest Energy Efficiency Alliance (NEEA) rated heat pump water heater, specific brand/model, or equivalent, must be installed.

**HERS FEATURE SUMMARY**

The following is a summary of the features that must be field-verified by a certified HERS Rater as a condition for meeting the modeled energy performance for this computer analysis. Additional detail is provided in the building tables below. Registered G2Rs and C2Rs are required to be completed in the HERS Registry

- Quality insulation installation (QI)
- Indoor air quality ventilation
- Kitchen range hood
- Verified Refrigerant Charge
- Airflow in habitable rooms (SC3.1.4.1.7)
- Verified heat pump rated heating capacity
- Wall-mounted thermostat in zones greater than 150 ft² (SC3.4.3)
- Ductless indoor units located entirely in conditioned space (SC3.1.4.1.8)

BUILDING - FEATURES INFORMATION						
01	02	03	04	05	06	07
Project Name	Conditioned Floor Area (ft²)	Number of Dwelling Units	Number of Bedrooms	Number of Zones	Number of Ventilation Cooling Systems	Number of Water Heating Systems
3 Bedroom A	1469	1	3	1	0	1

**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**  
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ZONE INFORMATION						
01	02	03	04	05	06	07
Zone Name	Zone Type	HVAC System Name	Zone Floor Area (ft²)	Avg. Ceiling Height	Water Heating System 1	Status
3 Bedroom A Unit	Conditioned	Ductless MiniSplit1	1469	8	DHW Sys 1	New

OPaque SURFACES							
01	02	03	04	05	06	07	08
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft²)	Window and Door Area (ft²)	Tilt (deg)
Front Wall	3 Bedroom A Unit	R-19 Wall	0	Front	343	48.5	90
Left Wall	3 Bedroom A Unit	R-19 Wall	90	Left	248	56	90
Rear Wall	3 Bedroom A Unit	R-19 Wall	180	Back	343	39.5	90
Right Wall	3 Bedroom A Unit	R-19 Wall	270	Right	248	64	90

OPaque SURFACES - CATHEDRAL CEILINGS										
01	02	03	04	05	06	07	08	09	10	11
Name	Zone	Construction	Azimuth	Orientation	Area (ft²)	Skylight Area (ft²)	Roof Rise (x in 12)	Roof Reflectance	Roof Emittance	Cool Roof
Roof	3 Bedroom A Unit	R-30 Roof No Attic	0	Front	1469	0	4	0.1	0.85	No

FENESTRATION / GLAZING													
01	02	03	04	05	06	07	08	09	10	11	12	13	14
Name	Type	Surface	Orientation	Azimuth	Width (ft)	Height (ft)	Mult.	Area (ft²)	U-factor	U-factor Source	SHGC	SHGC Source	Exterior Shading
Window B	Window	Left Wall	Left	90	1	28	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen
Window B 2	Window	Left Wall	Left	90	1	28	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen
Window C 2	Window	Rear Wall	Back	180	1	18	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen
Window D 2	Window	Rear Wall	Back	180	1	3.5	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen
Window C 3	Window	Rear Wall	Back	180	1	18	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen
Window E	Window	Right Wall	Right	270	1	16	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen
Window E 2	Window	Right Wall	Right	270	1	16	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen
Window E 3	Window	Right Wall	Right	270	1	16	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen
Window E 4	Window	Right Wall	Right	270	1	16	0.3	NFRC	0.23	NFRC	NFRC	NFRC	Bug Screen

SLAB FLOORS							
01	02	03	04	05	06	07	08
Name	Zone	Area (ft²)	Perimeter (ft)	Edge Insul. R-value and Depth	Edge Insul. R-value and Depth	Carpeted Fraction	Heated
Slab-on-Grade	3 Bedroom A Unit	1469	156	none	0	100%	No

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project  
 County of Inyo  
 Pre-Approved  
 ADU/SFD Program

revisions  
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description  
 Energy Calculations  
 Death Valley

date 2024

project no. INYO COUNTY ADU/SFDs

drawn by DESIGN PATH STUDIO

sheet no. T24.4



