

ABBREVIATION

- AB. ANCHOR BOLT
- AC. AIR CONDITIONING
- AFF. ABOVE FINISHED FLOOR
- ALUM. ALUMINUM
- APPROX. APPROXIMATELY
- BD. BOARD
- BLDG. BUILDING
- BLKG. BLOCKING
- BOT/. BOTTOM OF
- B.N. BOUNDARY NAILING
- CJ. CONTROL JOINT
- CL. CENTER LINE
- CLG. CEILING
- CLO. CLOSET
- CMU. CONCRETE MASONRY UNIT
- CONC. CONCRETE
- CONT. CONTINUOUS
- DIA. DIAMETER
- EJ. EXPANSION JOINT
- EL. ELEVATION
- E.N. EDGE NAILING
- E.S. EACH SIDE
- EXIST. EXISTING
- FOUND. FOUNDATION
- FRMG. FRAMING
- Ø. AT
- FT. FEET
- FTNG. FOOTING
- HDR. HEADER
- HGR. HANGER
- HVAC. HEATING, VENTILATION, AIR CONDITIONING
- I.N. INTERMEDIATE NAILING
- MAX. MAXIMUM
- MIN. MINIMUM
- NIC. NOT IN CONTRACT
- OC. ON CENTER
- OPNG. OPENING
- PLYWD. PLYWOOD
- RM. ROOM
- SF. SQUARE FOOT
- SH. SILL HEIGHT
- SIM. SIMILAR
- SPEC. SPECIFICATION
- THK. THICKNESS
- T/. TOP OF
- TBD. TO BE DETERMINED
- T & B. TOP AND BOTTOM
- T & G. TONGUE AND GROOVE
- UNO. UNLESS NOTED OTHERWISE
- VF. VERIFY IN FIELD
- WD. WOOD
- W/. WITH
- WINDW. WINDOW

ARCHITECTURAL PLAN NOTATION FOR WOOD FRAME STRUCTURE

ALL DIMENSIONS ARE FROM FINISH TO FINISH UNLESS INDICATED OTHERWISE. SHALL ACCOUNT FOR GYP. BD. AND/OR STUCCO THICKNESS FOR FRAMING.

REFER TO PLAN LEGEND FOR HATCH PATTERN DESIGNATION.

2X6 EXT WALL: 7 1/2" FIN TO FIN THK FOR 2X6 EXT WALL

2X4 EXT WALL: 5 1/2" FIN TO FIN THK FOR 2X4 EXT WALL

2X6 INT WALL: 6 3/4" FIN TO FIN THK FOR 2X6 INT WALL (CAD DWG DRAWN AT 7')

2X4 INT WALL: 4 3/4" FIN TO FIN THK FOR 2X4 INT WALL (CAD DWG DRAWN AT 5')

00 WHERE NOTED WITH WALL TYPE SYMBOL, REFER TO WALL TYPE DETAILS

SPECIAL INSPECTION

- SEE STRUCT SHEET
 - NONE
 - EPOXY HOLDOWNS
 - ANCHOR INSTALLATION
 - CONCRETE OVER 2500 PSI
 - FIELD WELDING
 - HIGH STRENGTH BOLTING
- A CERTIFICATE OF SATISFACTORY COMPLETION OF WORK REQUIRING SPECIAL INSPECTION MUST BE COMPLETED AND SUBMITTED TO THE INSPECTION SERVICES DIVISION.
- SPECIAL INSPECTION NOTES**
1. THE SPECIAL INSPECTOR MUST BE APPROVED BY THE GOVERNMENT
 2. THE TESTING LABORATORY MUST BE APPROVED BY THE GOVERNMENT
 3. A PROPERTY OWNER'S FINAL REPORT OF WORK REQUIRING SPECIAL INSPECTION MUST BE COMPLETED BY THE PROPERTY OWNER. PROPERTY OWNER'S AGENT OF RECORD, ARCHITECT OF RECORD, OR ENGINEER OF RECORD AND SUBMITTED TO THE INSPECTION SERVICES DIVISION.
 4. AN APPLICATION TO PERFORM OFF-SITE FABRICATION MUST BE SUBMITTED TO THE INSPECTION SERVICES DIVISION FOR APPROVAL PRIOR TO FABRICATION.
 5. A CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION MUST BE COMPLETED AND SUBMITTED TO THE INSPECTION SERVICES DIVISION PRIOR TO ERECTION OF PREFABRICATED COMPONENTS.
 6. THE SPECIAL INSPECTIONS IDENTIFIED ARE IN ADDITION TO THOSE REQUIRED BY SEC. 108 OF THE BUILDING CODE. AS AMENDED, SPECIAL INSPECTION IS NOT A SUBSTITUTE FOR INSPECTION BY CITY INSPECTOR.
 7. PERIODIC SPECIAL INSPECTION SHOULD BE PROVIDED FOR ANCHORS INSTALLED IN HARDENED CONCRETE, SEC. 1705.3

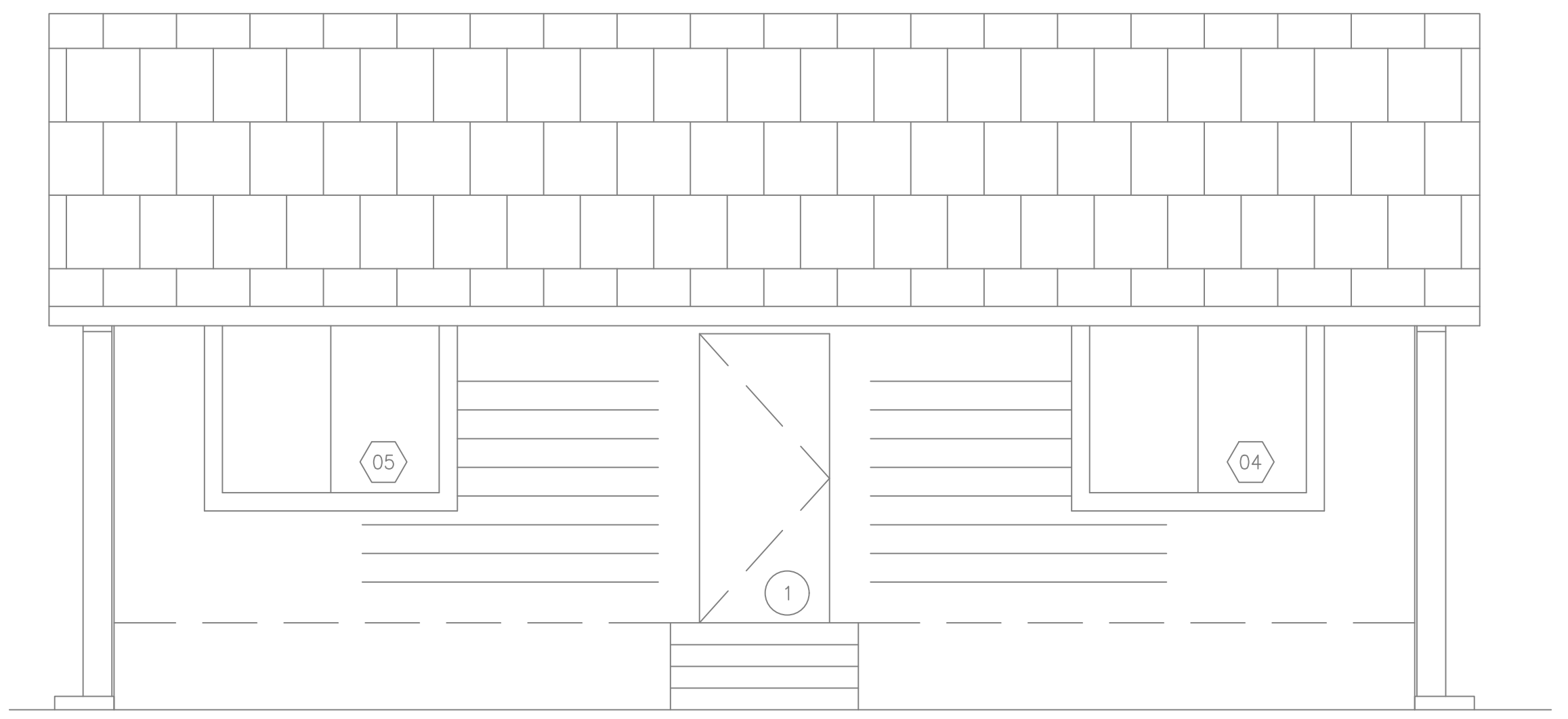
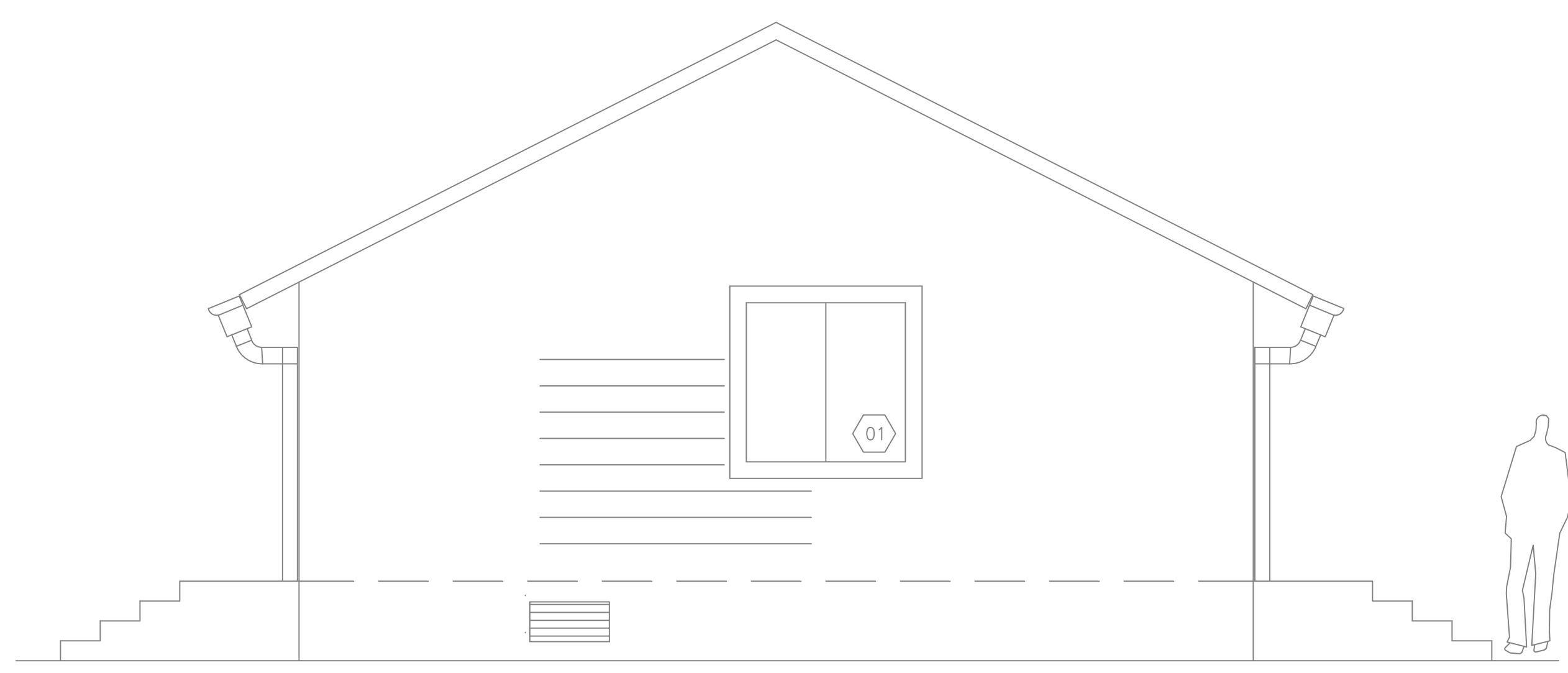
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GENERAL NOTES TO CONTRACTOR

1. THE CONTRACTOR SHALL REVIEW EXISTING CONDITIONS ON THE SITE DURING THE BIDDING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES PRIOR TO PROCEEDING.
2. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. DRAWINGS SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
3. SPECIFIC NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
4. NEITHER THE OWNER NOR THE ARCHITECT/STRUCTURAL ENGINEER WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BRACING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
5. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOF. LOAD SHALL NOT EXCEED DESIGN LIVE LOAD FOR EACH PARTICULAR LEVEL. WHEN WEIGHT OF MATERIALS OR EQUIPMENT MAY EXCEED DESIGN LOAD, STRUCTURAL SYSTEMS SHALL BE SHORED.
6. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, THE DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.

**EWIIAAPAAYP
BAND OF KUMEYAAY**



DRAWING SYMBOLS

- COLUMN GRID NUMBER
- DRAWING REVISION NUMBER
- ROOM NUMBER
- DOOR NUMBER
- WINDOW NUMBER
- WALL TYPE / KEY NOTE
- DETAIL DRAWING NUMBER
- SHEET NUMBER
- AREA OF ENLARGEMENT
- SECTION DRAWING NUMBER
- SHEET NUMBER
- EXTERIOR ELEVATION DRAWING NUMBER
- SHEET NUMBER
- INTERIOR ELEVATION DRAWING NUMBER
- SHEET NUMBER

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BUILDING CODE

THIS PROJECT SHALL COMPLY WITH THE FOLLOWING CODES:

2019 CALIFORNIA BUILDING CODE, TITLE 24 PART 2 VOL. 1 & 2

2019 CALIFORNIA ELECTRICAL CODE

2019 CALIFORNIA MECHANICAL CODE

2019 CALIFORNIA PLUMBING CODE

2019 CALIFORNIA ACCESSABILITY CODE (TITLE 24 PART 2)

2019 CALIFORNIA FIRE CODE (TITLE 24 PART 2)

2019 CALIFORNIA ENERGY CODE (TITLE 24 PART 6)

* NO HAZARDOUS MATERIAL HANDLING IS INTENDED FOR THIS PROJECT

NO HAZARDOUS MATERIAL SHALL BE STORED THAT EXCEEDS QUANTITIES LISTED IN CBC TABLE 307.1 (1) (2) FOR THIS PROJECT

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**EWIIAAPAAYP
BAND OF KUMEYAAY**
**EAST SD COUNTY
INDIAN RESERVATION**

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Sheet Title

**TITLE
SITE PLAN
NOTES**

Sheet Number

A10

FLOOR PLAN NOTES / LEGEND

- ALL DIMENSIONS ARE FROM FINISH TO FINISH UNLESS NOTED OTHERWISE. CONTRACTOR SHALL ACCOUNT FOR GYP. BD. AND/OR STUCCO THICKNESS FOR FRAMING.
- ALLOW 4" AT HINGE SIDE WHERE DOOR SWINGS INTO WALL.

(E) WALL TO REMAIN	(E) WALL TO DEMO	NEW FULL HT WALL, 8'-0" CLG HT, 2X6 @16" OC W/ R-19	NON-BEARING WALL, 2X4 @16" OC, W/ R-15	BEARING WALL (INTERIOR), 2X4 @16" OC, W/ R-15
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WINDOW SCHEDULE - NEW DUAL GLAZED, MILGARD OR EQ. CAL FIRE RATED

WINO NUMBER	WINO TYPE	SIZE (WxH)	GLAZ AREA	FRAME MAT	MANUF	REMARK	NOTE
01	SL	4'-0" x 4'-0"	16.0 SF	VNL	-	-	ROOM
02	SL	3'-0" x 2'-0"	6.0 SF	VNL	-	-	ROOM
03	SL	4'-0" x 4'-0"	16.0 SF	VNL	-	-	BED RM
04	SL	5'-0" x 4'-0"	20.0 SF	VNL	-	-	LIVING RM
05	SL	5'-0" x 4'-0"	20.0 SF	VNL	-	-	KITCHEN

NATURAL LIGHT & VENTILATION CALC

HABITABLE ROOMS TO BE PROVIDED W/ MIN 8% OF GLAZ AREA OF THE ROOM FOR NATURAL LIGHT AND MIN 4% OF WINDOW OR DOOR AREA OF THE ROOM OPENABLE TO OUTDOOR FOR VENTILATION

ROOM	AREA	GLAZ AREA	VENT AREA
BED RM	100 SF	16.0 SF	16%
LIVING RM	296 SF	40.0 SF	16%
KITCHEN	145 SF	12.0 SF	8%

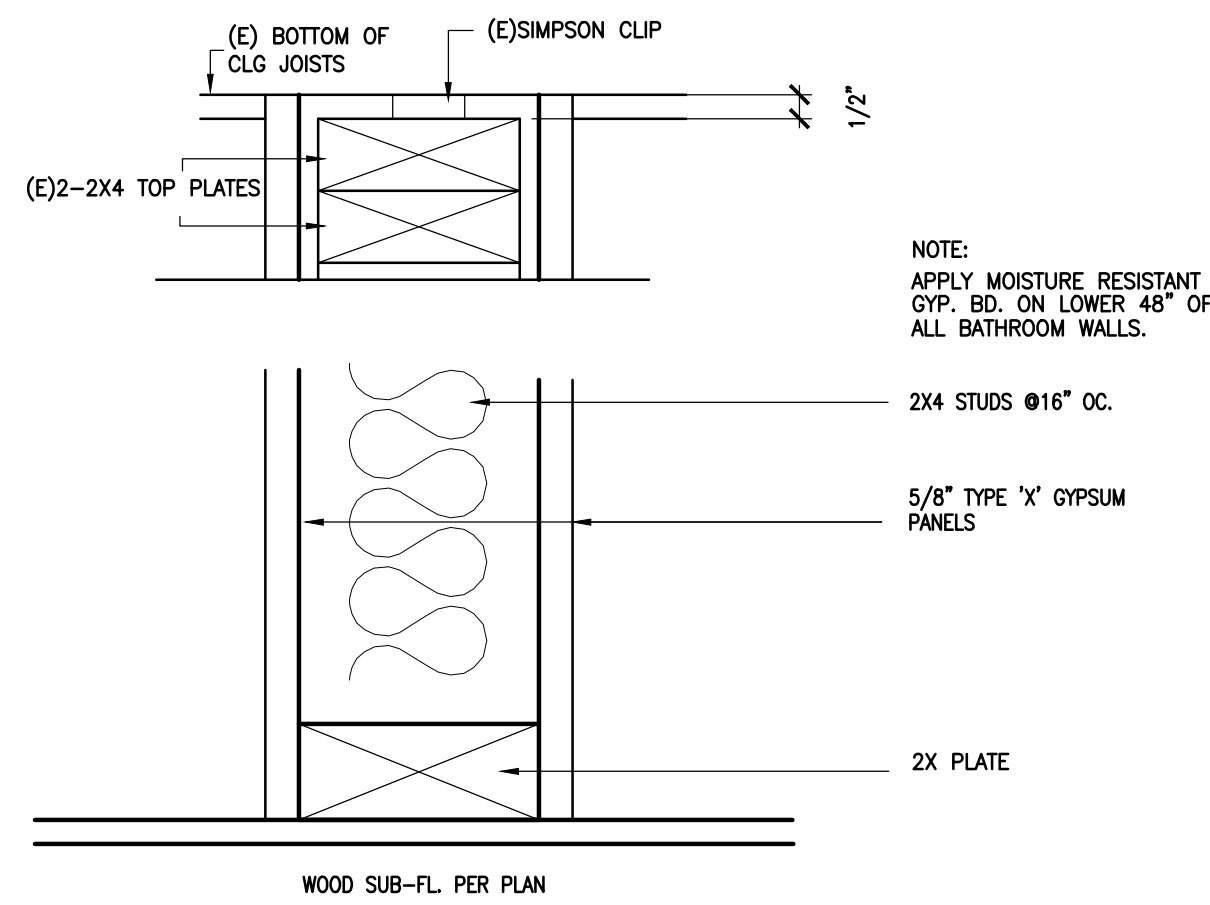
EGRESS WINDOWS

- MIN. NET OPENING 20 SF
- MIN. NET CLEARING WIDTH: 20 INCHES
- MIN. NET CLEAR HEIGHT: 24 INCHES
- MAX. SILL HEIGHT: 44 INCHES AFF

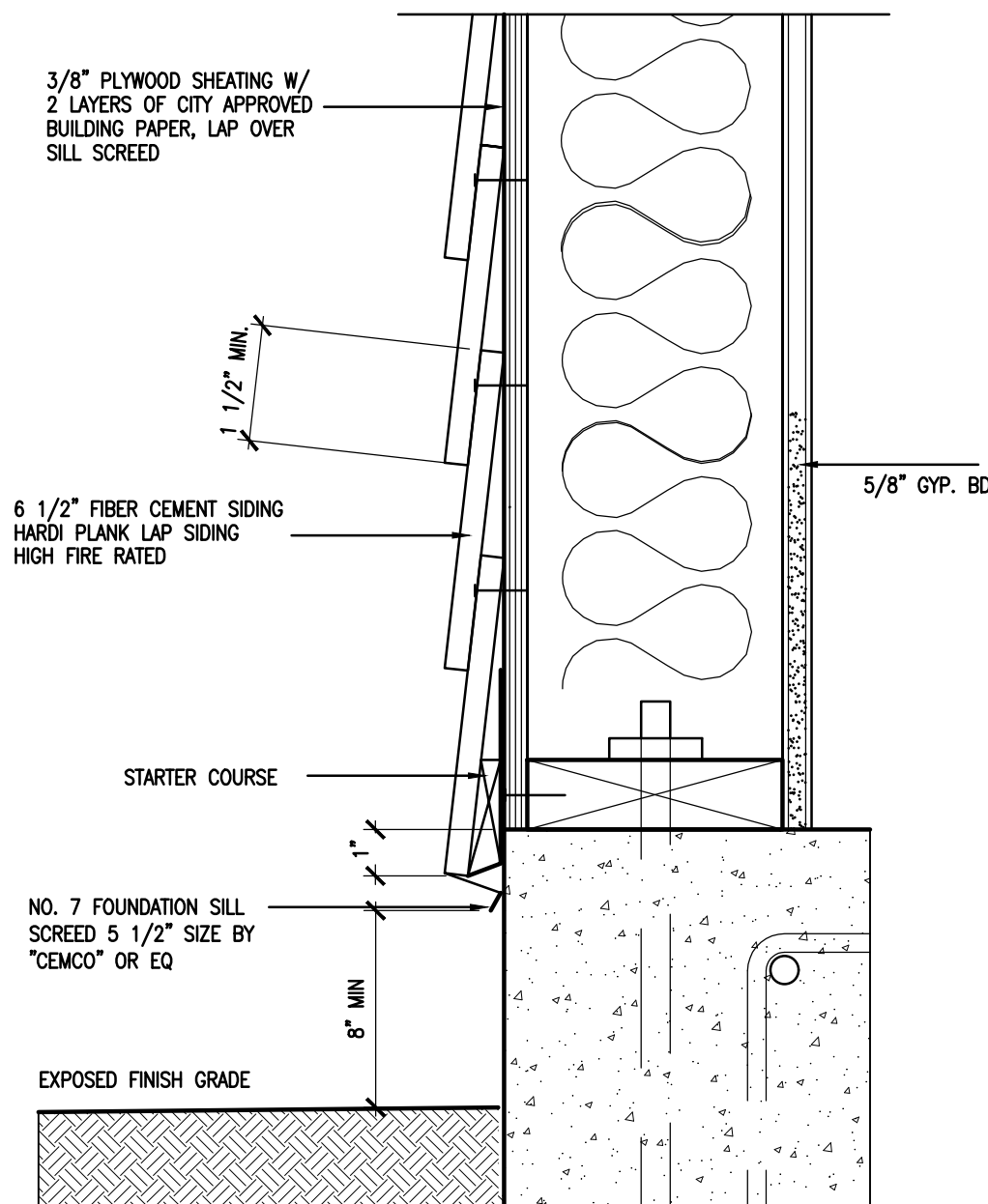
DOOR SCHEDULE

DOOR NUMBER	DOOR LOCATION	DOOR TYPE	SIZE (WxH)	GLAZ AREA	SOLID/HOLLOW	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FIRE RATING	MANUF	PROG. NO.	DOOR NOTE
1	ENTRY	SC	3'-0" x 6'-8"	-	SC	WD	-	-	-	-	-	-	**
2	BED RM	SC	2'-6" x 6'-8"	-	SC	WD	-	-	-	-	-	-	
3	TOILET	SC	2'-0" x 6'-8"	-	SC	WD	-	-	-	-	-	-	
4	BATHRM	SC	2'-6" x 6'-8"	-	SC	WD	-	-	-	-	-	-	
5	REAR ENTRY	SC	3'-0" x 6'-8"	-	SC	WD	-	-	-	-	-	-	**

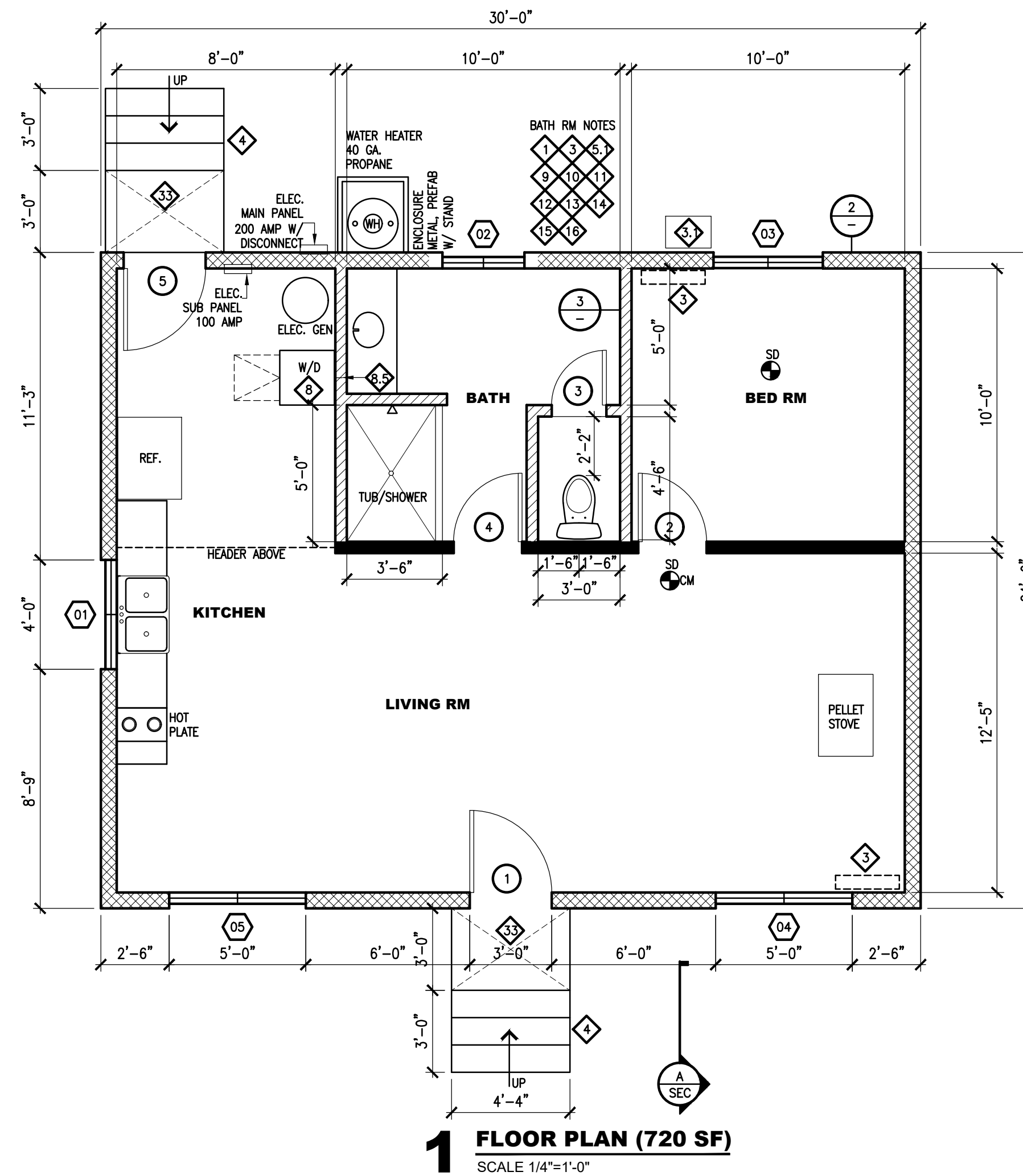
** SELF CLOSING & SELF-LATCHING 1 3/8" THICK SOLID WOOD OR 20-MIN FIRE RATED W/ SMOKE SEAL



3 NON-BEARING WALL
SCALE 3/8"=1'-0"



2 SIDING @ SILL SCREED
SCALE 3/8"=1'-0"



FLOOR PLAN KEY NOTES

- TG = TEMPERED GLAZ
- SD
- SMOKE ALARMS
 - OUTSIDE EACH SEPARATE SLEEPING AREA IN THE VICINITY OF THE BEDROOMS.
 - IN EACH STORY.
 - WHEN ONE OR MORE SMOKE ALARM IS REQUIRED THE ALARM DEVICE SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217. SYSTEMS AND COMPONENTS SHALL BE CALIFORNIA STATE MARSHAL LISTED. SMOKE DETECTORS SHALL BE "HARD WIRED" AND SHALL BE EQUIPPED WITH BATTERY BACK UP CRC R314.3.4-SPECIFIC LOCATION REQ'T
- CM
 - CARBON MONOXIDE ALARMS
 - OUTSIDE EACH SEPARATE DWELLING UNIT SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOM(S).
 - ON EVERY LEVEL OF A DWELLING UNIT. WHERE MORE THAN ONE ALARM IS REQUIRED TO BE INSTALLED WITHIN THE DWELLING UNIT OR WITHIN A SLEEPING UNIT THE ALARM SHALL BE INTERCONNECTED IN A MANNER THAT ACTUATION OF ONE ALARM SHALL ACTIVATE ALL THE ALARMS IN THE INDIVIDUAL UNIT.
 - SINGLE- AND MULTIPLE-STATION CARBON MONOXIDE ALARMS SHALL BE LISTED AS COMPLYING WITH THE REQUIREMENTS OF UL 2034. CARBON MONOXIDE DETECTORS SHALL BE LISTED AS COMPLYING WITH THE REQUIREMENTS OF UL 2075.
 - SHALL BE INTERCONNECTED AND HARD-WIRED WITH BATTERY BACK UP CRC R315.2
- EVERY DWELLING UNIT SHALL BE PROVIDED WITH HEATING FACILITIES CAPABLE OF MAINTAINING 68 DEG. MIN AT A POINT 3' ABOVE THE FLOOR AND 2' FROM EXTERIOR WALLS IN ALL HABITABLE ROOMS.
- HEATING UNIT: DUCTLESS MINI-SPLIT DUAL ZONES 18000 BTUS
- CONDENSER: TO BE LOCATED ON LEVEL PERMANENT PAD NOT LESS THAN 3 INCHES ABOVE GRADE AND ANCHORED TO CONCRETE PAD WITH FOUNDATION THAT IS EMBEDDED INTO GROUND OR TO PREFABRICATED PAD THAT IS ANCHORED INTO GROUND
- RISE: 6" TREAD: 12"
- LAUNDRY ROOM NOTES: MAX. HORIZONTAL AND VERTICAL LENGTH IS 14 FEET WITH TWO OFFSETS. MAX. LENGTH IS REDUCED 2 FEET FOR EACH ADDITIONAL BEND. EXHAUST DUCTS AND DRYER VENTS SHALL BE EQUIPPED WITH BACK-DRAFT DAMPERS. REQUIRED EXHAUST FAN: 50 CFM PANASONIC SPOT ENERGY RECOVERY UNIT VENTILATOR "TV-OAVE-1" OR EQ. TERMINATE 4" DIA. EXHAUST VENT @ EXTERIOR WALL OR ROOF
- LANDING NOTES: PROVIDE A MIN 36" DEEP FLOOR OR LANDING ON EACH SIDE OF EACH EXTERIOR DOOR WITH A SLOPE NOT EXCEEDING 1/4 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2%). THE WIDTH OF EACH LANDING SHALL NOT BE LESS THAN THE DOOR SERVED. (CRC R311.3) MAX. THRESHOLD HEIGHT: 1 1/2" LANDINGS NOT MORE THAN 7 3/4" BELOW THE THRESHOLD

BATHROOM KEY NOTES

- LIGHT & VENTILATION
 - VENTILATION IS REQUIRED WITH MIN. BATHROOMS FAN FLOW OF 77 CFM. THE EXHAUST FAN SHALL BE CERTIFIED AND LISTED ON THE CALIFORNIA ENERGY COMMISSION APPLIANCE DATABASE.
- CEMENT, FIBER-CEMENT, FIBER-MAT REINFORCED CEMENT, GLASS MAT GYPSUM OR FIBER-REINFORCED GYPSUM BACKERS SHALL BE USED AS A BASE FOR WALL TILE IN TUB AND SHOWER AREAS AND WALL AND CEILING PANELS IN SHOWER AREAS.
- WALL COVERING: TILE OR APPROVED EQUAL TO 80" ABOVE DRAIN INLET (MOISTURE RESISTANT)
- THE CONTROL VALVES IN SHOWERS, TUB/SHOWERS, BATHTUBS, AND BIDETS MUST BE PRESSURE BALANCED OR THERMOSTATIC MIXING VALVES.
- NEW WATER CLOSETS SHALL USE NO MORE THAN 1.2 GALLONS OF WATER PER FLUSH. KITCHEN FAUCETS MAY NOT EXCEED 1.8 GPM. LAVATORIES ARE LIMITED TO 1.2 GPM. PROVIDE SHOWER HEADS WITH A MAXIMUM FLOW OF 1.8 GPM.
- EXISTING "NON-COMPLIANT" FIXTURES (TOILETS THAT USE MORE THAN ONE GALLON OF WATER PER FLUSH, SHOWERHEADS THAT HAVE A FLOW CAPACITY OF MORE THAN 2.5 GALLONS OF WATER PER MINUTE) SHALL BE REPLACED. CERTIFICATION OF COMPLIANCE SHALL BE GIVEN TO THE BUILDING INSPECTOR PRIOR TO FINAL PERMIT APPROVAL.
- BUILT-IN TUBS WITH SHOWERS SHALL HAVE WATERPROOF JOINTS BETWEEN THE TUB AND ADJACENT WALL.
- SHOWER CONTROL VALVES MUST BE PRESSURE BALANCED OR THERMOSTATIC MIXING VALVES.
- ALL DOMESTIC HOT WATER PIPING SHALL BE INSULATED
- NET AREA OF SHOWER RECEPTOR SHALL BE NOT LESS THAN 1,024 SQ.IN. OF FLOOR AREA, AND ENCOMPASS 30 INCH DIAMETER CIRCLE
- MINIMUM THE 30 INCH CLEAR WIDTH FOR WATER CLOSET COMPARTMENT AND 24 INCH CLEARANCE IN FRONT OF THE WATER CLOSET FOR BATHROOM

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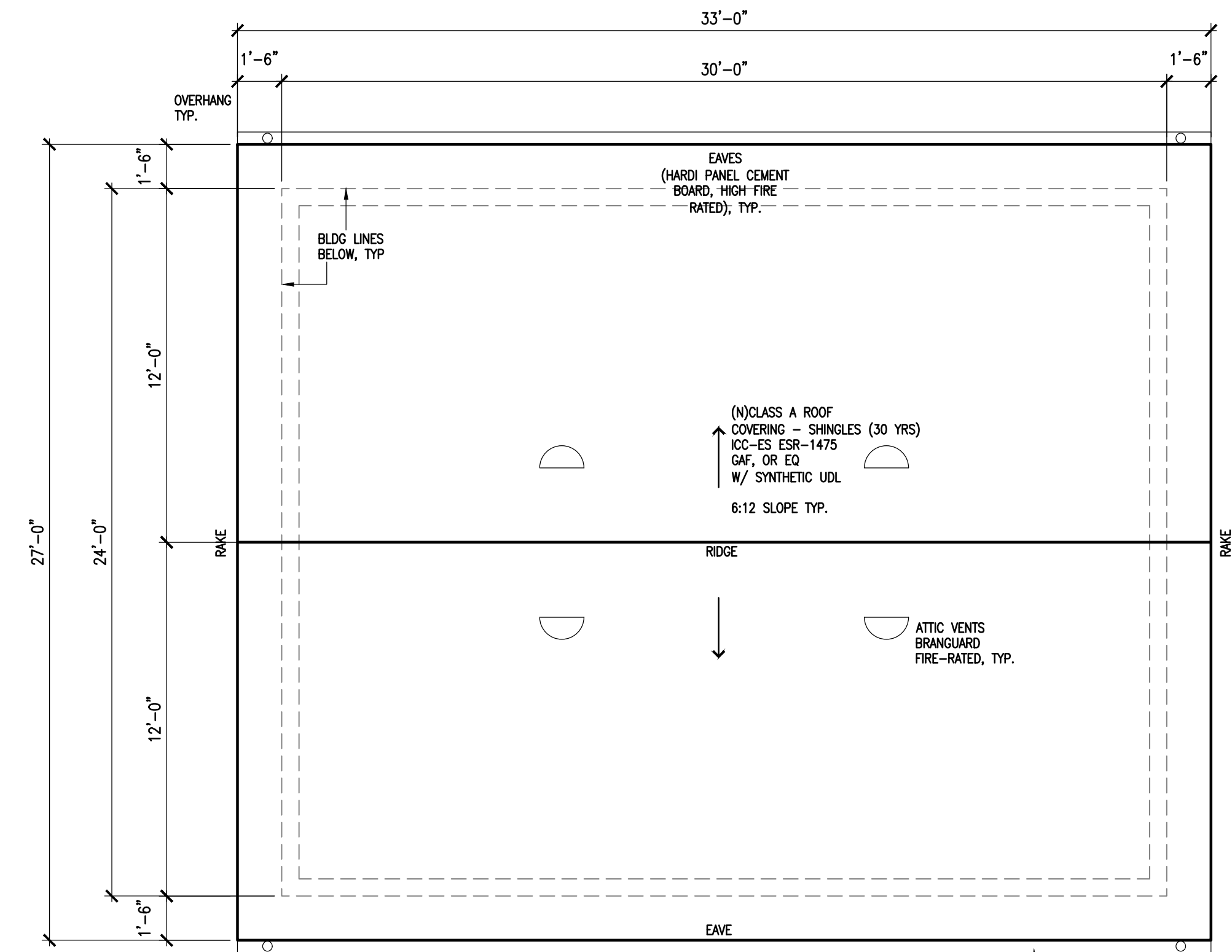
EWIIAAPAAYP BAND OF KUMEYAAP EAST SD COUNTY INDIAN RESERVATION

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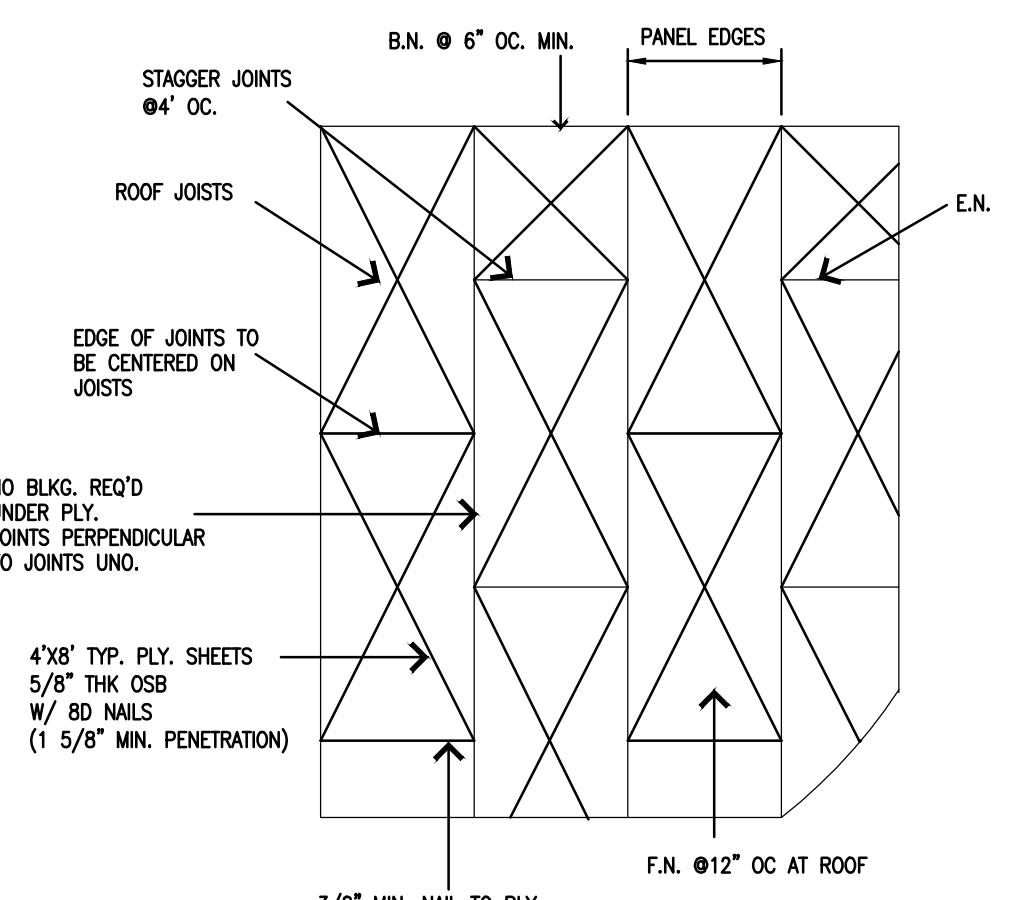
NOTES DETAILS FLOOR PLAN

Sheet Number
A20

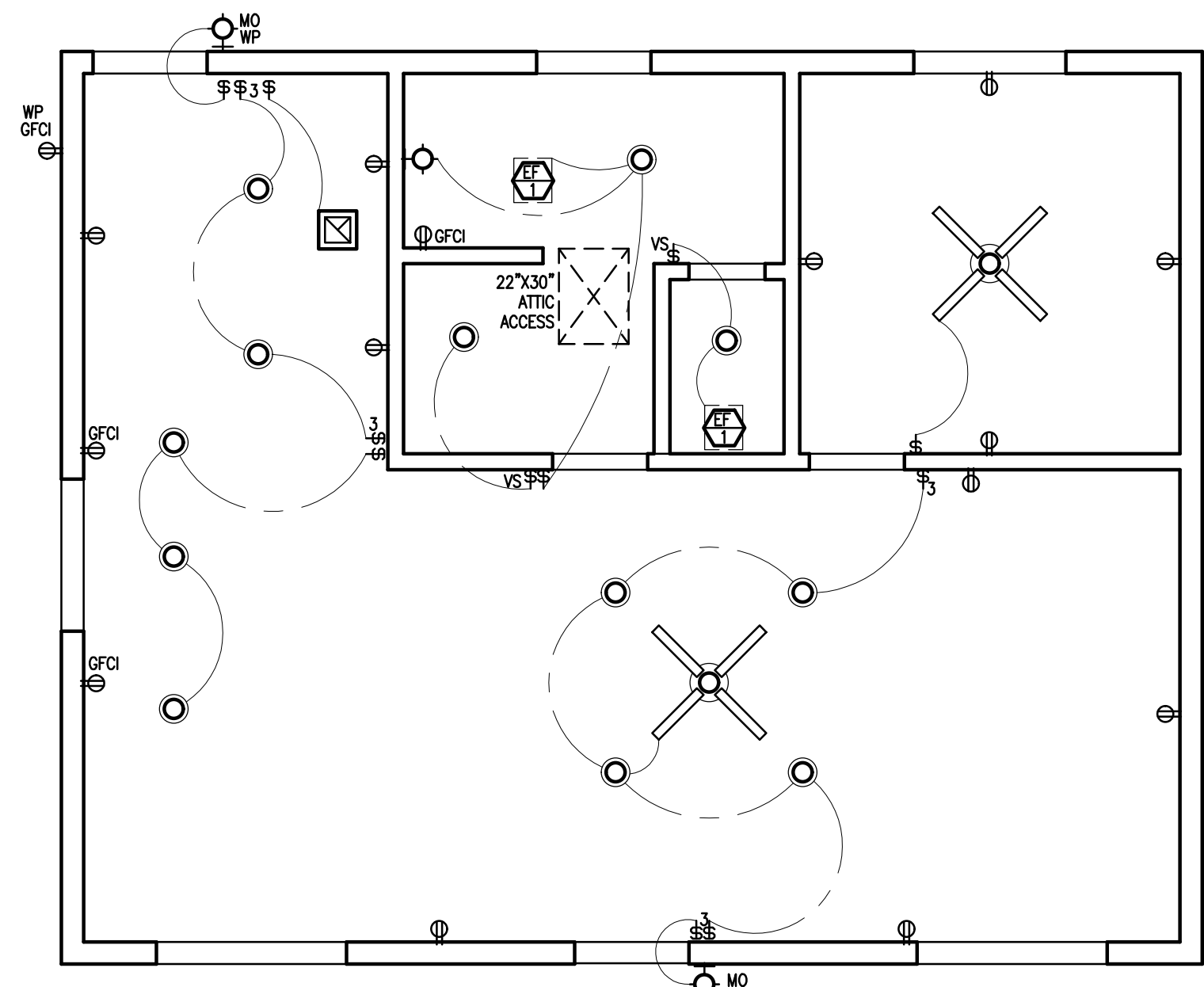


ATTIC VENTILATION AREA CALCULATION
TOTAL (N) ATTIC AREA: 720 SF
VENT AREA REQ'D: $720/150 = 4.8$ SF
VENT SIZE (12"x24") : 2.0 SF
NO. OF VENT PROVIDED: 4
VENT AREA PROVIDED: **8.0 SF**

1 ROOF PLAN
SCALE 1/4" = 1'-0"



2 ROOF SHEATHING
SCALE NTS

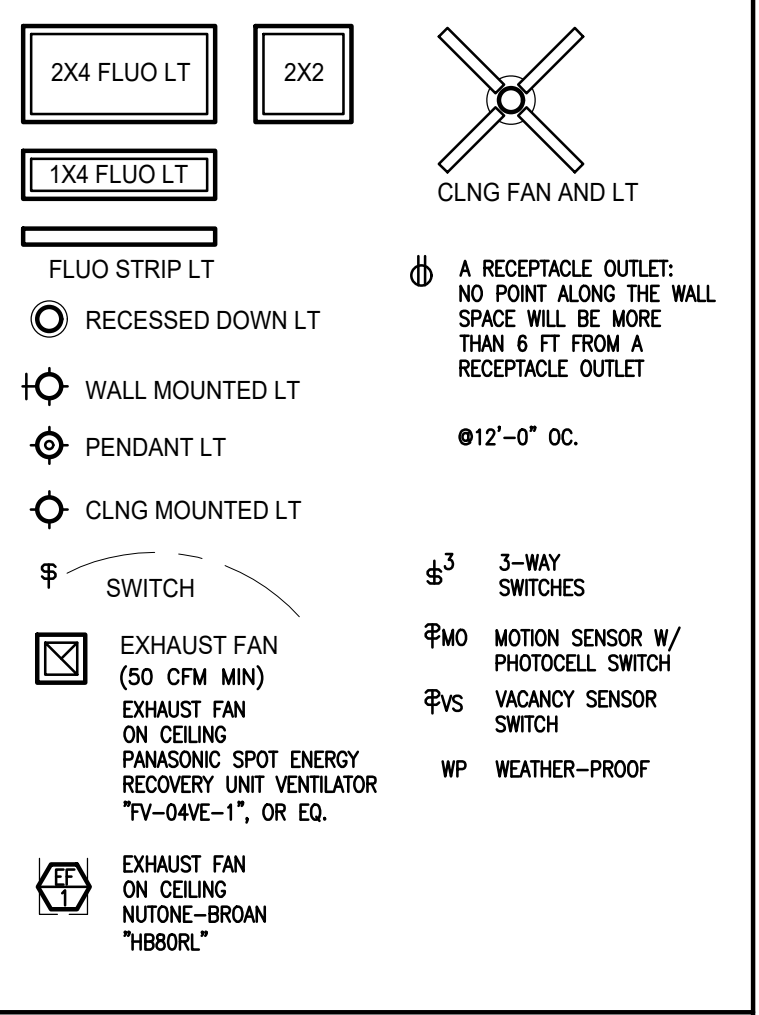


3 CEILING PLAN
SCALE 1/4" = 1'-0"

CLNG PLAN LEGEND

NOTE: SYMBOLS INDICATED ON THIS SHEET IS LIMITED TO ARCHITECTURAL ELEMENTS ONLY. REFER TO ELEC AND MECH DWG FOR OTHER DETAILED INFORMATION

- (E) EXISTING, NO CHANGE
- (ER) EXISTING, RELOCATED
- (EM) MATCH ADJACENT EXISTING FIXT
- LT LIGHT FIXTURE PER SPEC
- (E) ELEMENT TO REMOVE
- (E) FIXT TO BE REMOVED
- (E) FIXT TO BE RELOCATED



ALL PLUMBING FIXTURES AND FITTINGS WILL BE WATER CONSERVING LIGHTING IN BATHROOMS SHALL HAVE ALL HIGH EFFICACY LUMINAIRE AND AT LEAST ONE LUMINAIRE MUST BE CONTROLLED BY A VACANCY SENSOR

PLUMBING FIXTURES (WATER CLOSET AND URINALS) AND FITTINGS (FAUCETS AND SHOWER HEADS) SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODES (CPC)

MECHANICAL EXHAUST FANS WHICH EXHAUST DIRECTLY FROM BATHROOMS SHALL COMPLY WITH THE FOLLOWING:
A. FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING
B. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDISTAT WHICH SHALL BE READILY ACCESSIBLE. HUMIDISTAT CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF 50 TO 80 PERCENT

KITCHEN SMALL APPLIANCE CIRCUITS SHALL SERVE ONLY ONE KITCHEN BATHROOM RECEPTACLE OUTLETS SHALL BE SERVED BY AT LEAST ONE 20-AMP BRANCH CIRCUIT. NO OTHER RECEPTACLES MAY BE INSTALLED ON THIS CIRCUIT. MORE THAN BATHROOM MAY BE SERVED BY THE DEDICATED BRANCH CIRCUIT. EXCEPTION: WHERE THE 20-AMP CIRCUIT SUPPLIES A SINGLE BATHROOM, OUTLETS FOR OTHER EQUIPMENT WITHIN THE SAME BATHROOM SHALL BE PERMITTED TO BE SUPPLIED PER 210-23(a), SECTION 210-11(c), 3.

FOR A ONE-FAMILY DWELLING AND EACH UNIT OF A TWO-FAMILY DWELLING THAT IS AT GRADE LEVEL, AT LEAST ONE RECEPTACLE OUTLET ACCESSIBLE AT GRADE LEVEL AND NOT MORE THAN 6'-6" ABOVE GRADE SHALL BE INSTALLED AT THE FRONT AND BACK OF THE DWELLING

ALL 125-VOLT SINGLE PHASE, 15 AND 20 AMP CIRCUITS INSTALLED SHALL BE PROTECTED BY AN ARC-FAULT-CIRCUIT-INTERRUPTER(S), (AFCI).

ALL RECEPTACLE OUTLETS SHALL BE TAMPER RESISTANT

A 125-VOLT, SINGLE-PHASE, 15 OR 20-AMPERE-RATED RECEPTACLE OUTLET SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR THE SERVICING OF HEATING, AIR-CONDITIONING, AND REFRIGERATION EQUIPMENT IN ATTICS AND CRAWL SPACES. THE RECEPTACLE SHALL BE LOCATED ON THE SAME LEVEL AND WITHIN 25' (7620mm) OF THE HEATING, AIR-CONDITIONING, AND REFRIGERATION EQUIPMENT. THE RECEPTACLE OUTLET SHALL NOT BE CONNECTED TO THE LOAD SIDE OF THE EQUIPMENT DISCONNECTING MEANS (210-63).

GROUND-FAULT-CIRCUIT-INTERRUPTER (GFCI) PROTECTION IS REQUIRED IN THE FOLLOWING LOCATIONS (NEC 210-8): BATHROOMS, KITCHEN COUNTERS, IN GARAGES, OUTDOORS, CRAWL SPACES AND NON-HABITABLE ACCESSORY BUILDINGS USED FOR STORAGE OR WORK AREAS AT OR BELOW GRADE LEVEL, AND IN UNFINISHED NON-HABITABLE BASEMENTS LIMITED TO STORAGE AND WORK AREAS OR SIMILAR USES.

EXTERIOR CONVENIENCE OUTLETS SHALL BE OF THE "WEATHER-PROOF" TYPE.

LIGHTING IN BATHROOMS SHALL HAVE ALL HIGH EFFICACY LUMINAIRE AND AT LEAST ONE LUMINAIRE MUST BE CONTROLLED BY A VACANCY SENSOR.

ALL THE INSTALLED WATTAGE OF LUMINAIRES IN KITCHENS SHALL BE HIGH EFFICACY AND SHALL HAVE A MANUAL ON/OFF IN ADDITION TO A VACANCY SENSOR OR DIMMER. UNDER CABINET LIGHTING SHALL BE SWITCHED SEPARATELY.

OTHER ROOMS: ALL LUMINAIRES SHALL BE HIGH EFFICACY AND SHALL HAVE A MANUAL ON/OFF IN ADDITION TO A VACANCY SENSOR OR DIMMER

ALL BRANCH CIRCUITS THAT SUPPLY 125 VOLT, SINGLE-PHASE 15 & 20 - AMPERE OUTLETS INSTALLED IN DWELLING UNIT SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTERS, NEC210-12(b)

ALL 125-VOLT, 15 AND 20 AMP RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES IN ALL AREAS SPECIFIED IN THE CALIFORNIA ELECTRICAL CODE SECTION 210.52

LISTED TAMPER-RESISTANT 125-VOLT 15/20 AMP RECEPTACLES ARE REQUIRED IN BEDROOMS, BATHROOMS, LIVING ROOMS, ETC

BATHROOM CIRCUITING SHALL BE EITHER:
(A) A 20 AMP CIRCUIT DEDICATED TO EACH BATHROOM OR
(B) AT LEAST 20-AMP CIRCUIT SUPPLYING ONLY BATHROOM RECEPTACLE OUTLETS

BATHROOM EXHAUST FANS SHALL BE ENERGY STAR COMPLIANT AND DUCTED TO TERMINATE OUTSIDE THE BUILDING

THE CONTROL VALVES IN SHOWERS, TUB/SHOWERS, BATHTUBS, AND BIDETS MUST BE PRESSURE BALANCED OR THERMOSTATIC MIXING VALVES

KITCHEN AND BATHROOM FANS TO HAVE A MAXIMUM NOISE RATING OF 3 SONE

KITCHEN REQUIRE EXHAUST FAN WITH A MINIMUM 100 CFM DUCTED TO THE EXTERIOR.

KITCHEN COUNTER RECEPTACLE OUTLETS SHALL BE LOCATED NO MORE THAN 48 INCHES AWAY FROM WALLS AND NO MORE THAN 12 FEET APART

AFCI PROTECTION REQ'D AT ALL 120V CIRCUIT EXCEPT BATHROOM RECEPTACLES, NOT JUST WALL RECEPTACLES

EXTERIOR LIGHTS: FOR DWELLING UNITS, ATTACHED GARAGE, AND DETACHED GARAGES WITH ELECTRIC POWER, AT LEAST ONE WALL SWITCH-CONTROLLED LIGHTING OUTLET SHALL BE INSTALLED TO PROVIDE ILLUMINATION ON THE EXTERIOR SIDE OF OUTDOOR ENTRANCES OR EXITS WITH GRADE LEVEL ACCESS. A VEHICLE DOOR IN A GARAGE SHALL NOT BE CONSIDERED AS AN OUTDOOR ENTRANCE OR EXIT.

EXCEPTION: REMOTE, CENTRAL, OR AUTOMATIC CONTROL OF LIGHTING SHALL BE PERMITTED

PROVIDE AT LEAST ONE 20-AMPERE BRANCH CIRCUIT TO SERVE LAUNDRY APPLIANCE. SUCH CIRCUIT(S) SHALL HAVE NO OTHER OUTLETS

PROVIDE AT LEAST TWO 20-AMPERE SMALL APPLIANCE BRANCH CIRCUITS TO SERVE ALL WALL, FLOOR, AND COUNTERTOP RECEPTACLES IN KITCHEN, PANTRY, BREAKFAST ROOM, DINING ROOM, OR SIMILAR AREA. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS

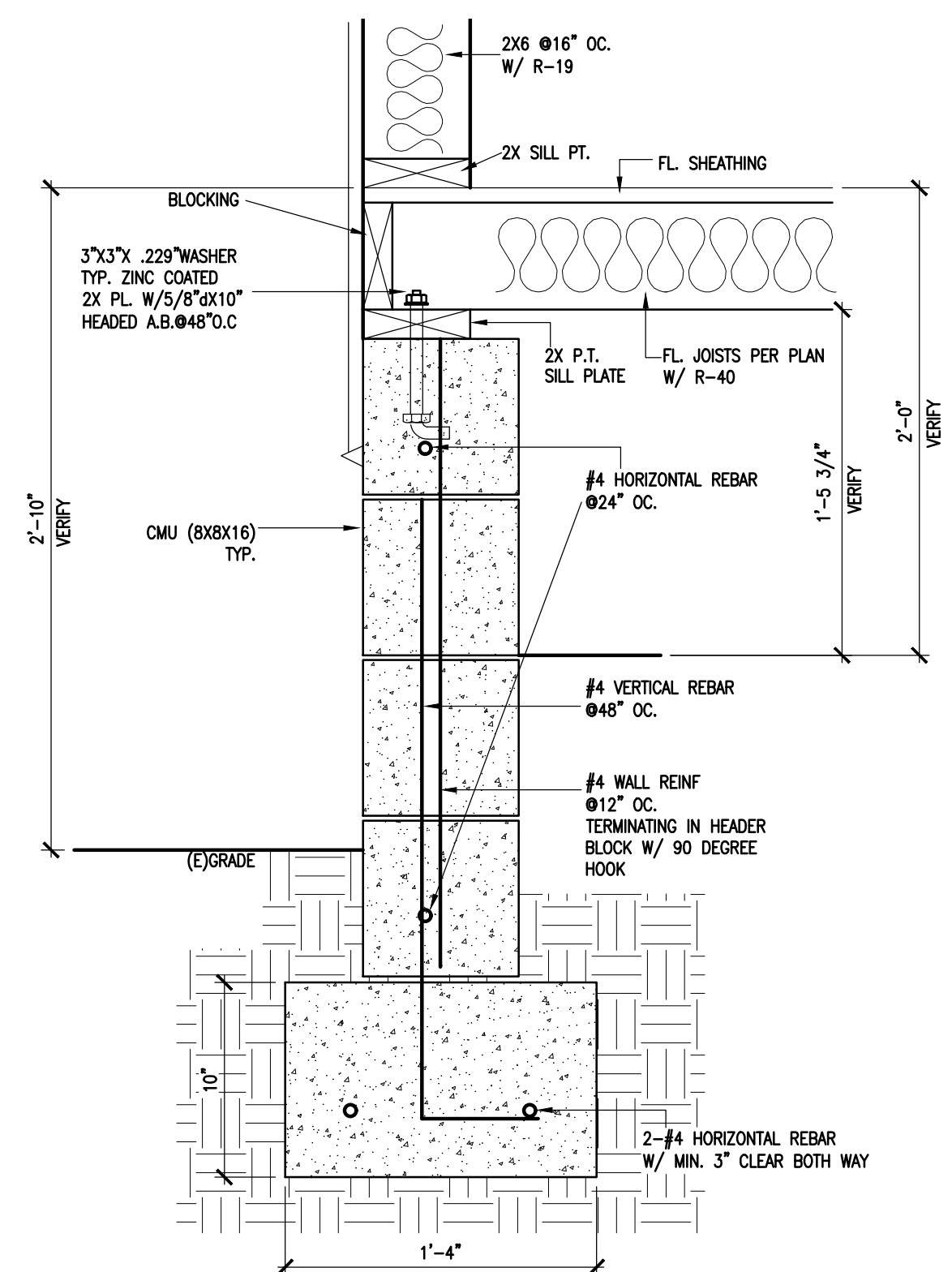
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BAND OF KUMEYAA
EAST SD COUNTY
INDIAN RESERVATION

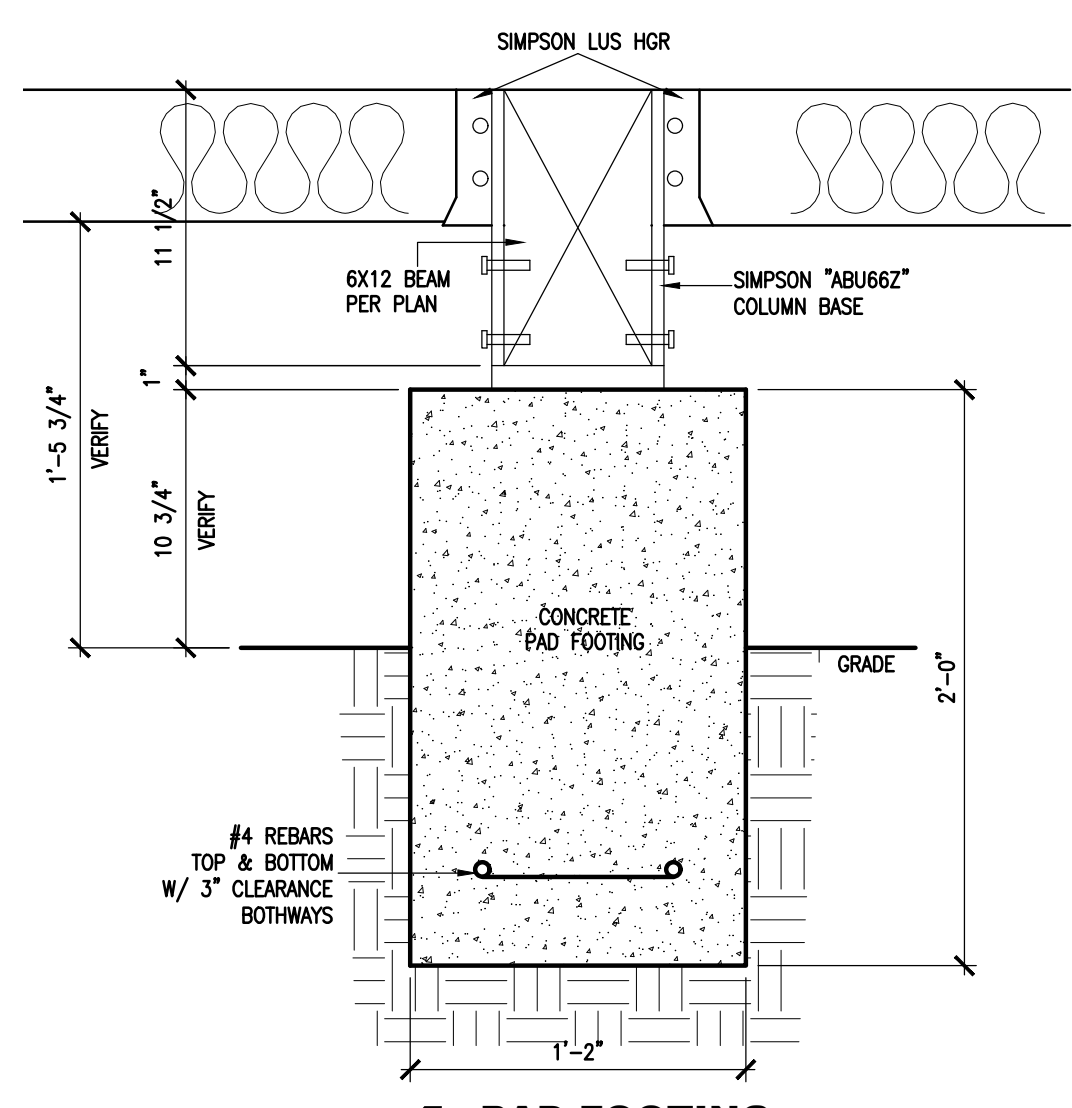
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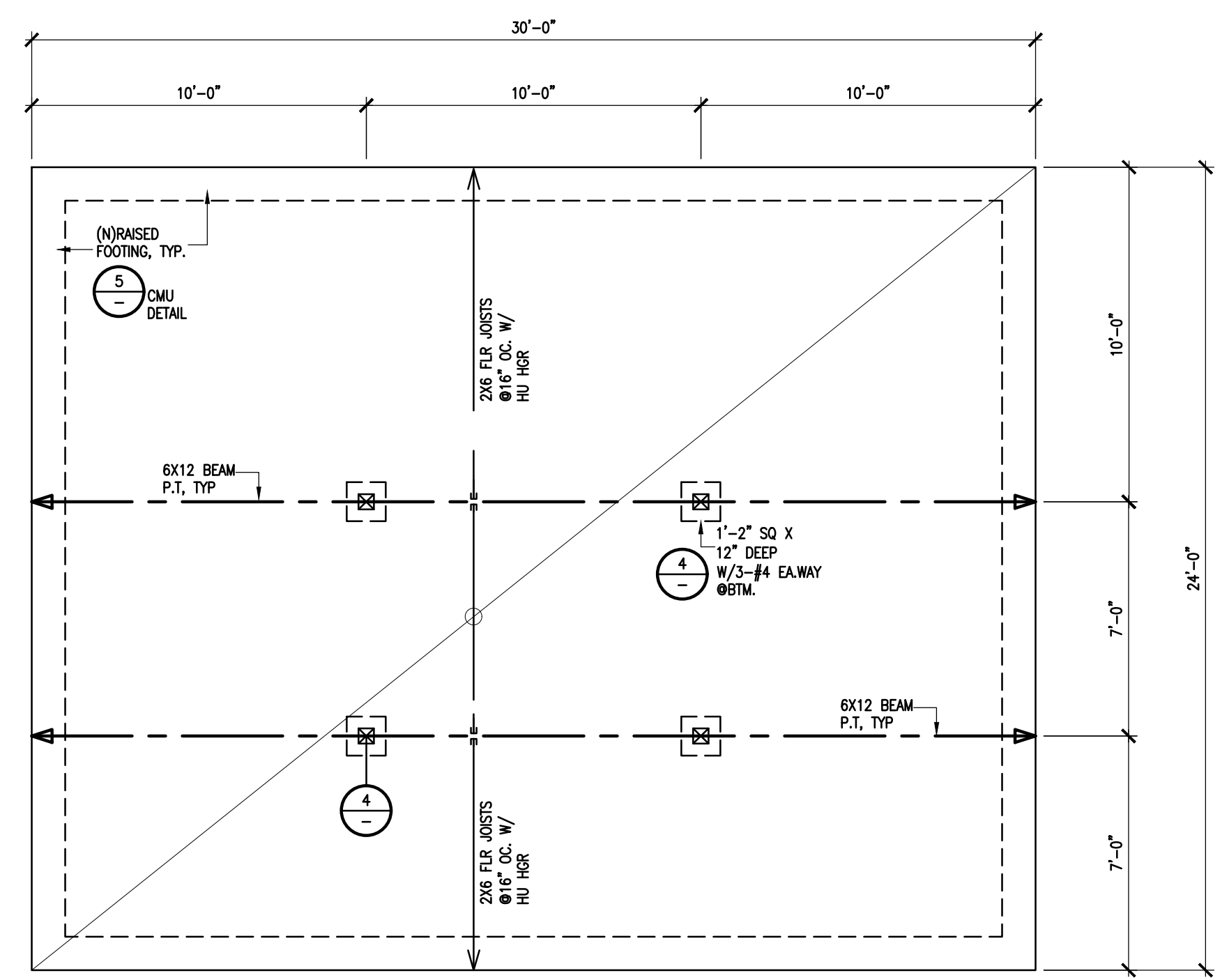
ROOF PLAN
BMP
CEILING PLAN



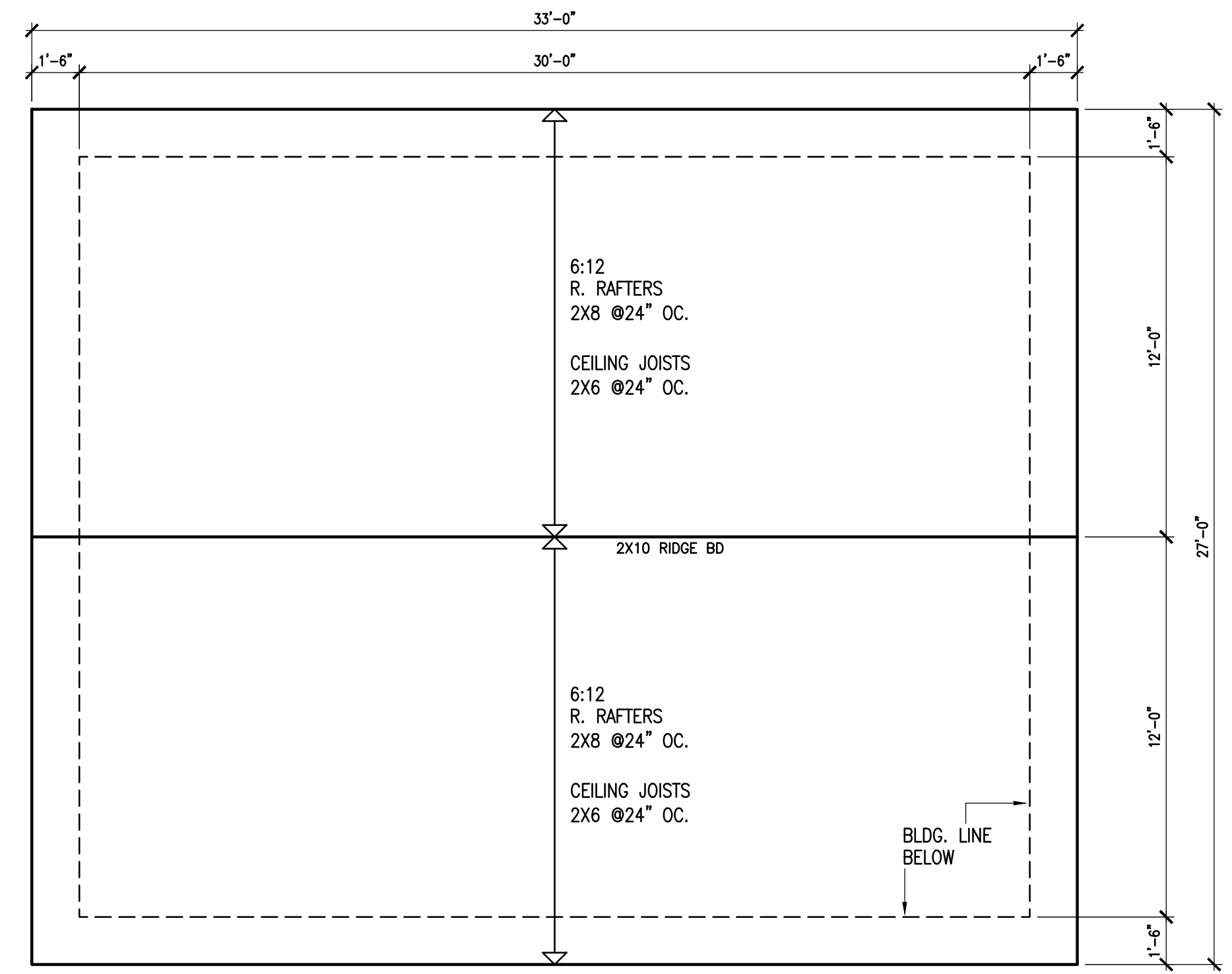
5 FOOTING DETAIL
SCALE 1 1/2"=1'-0"



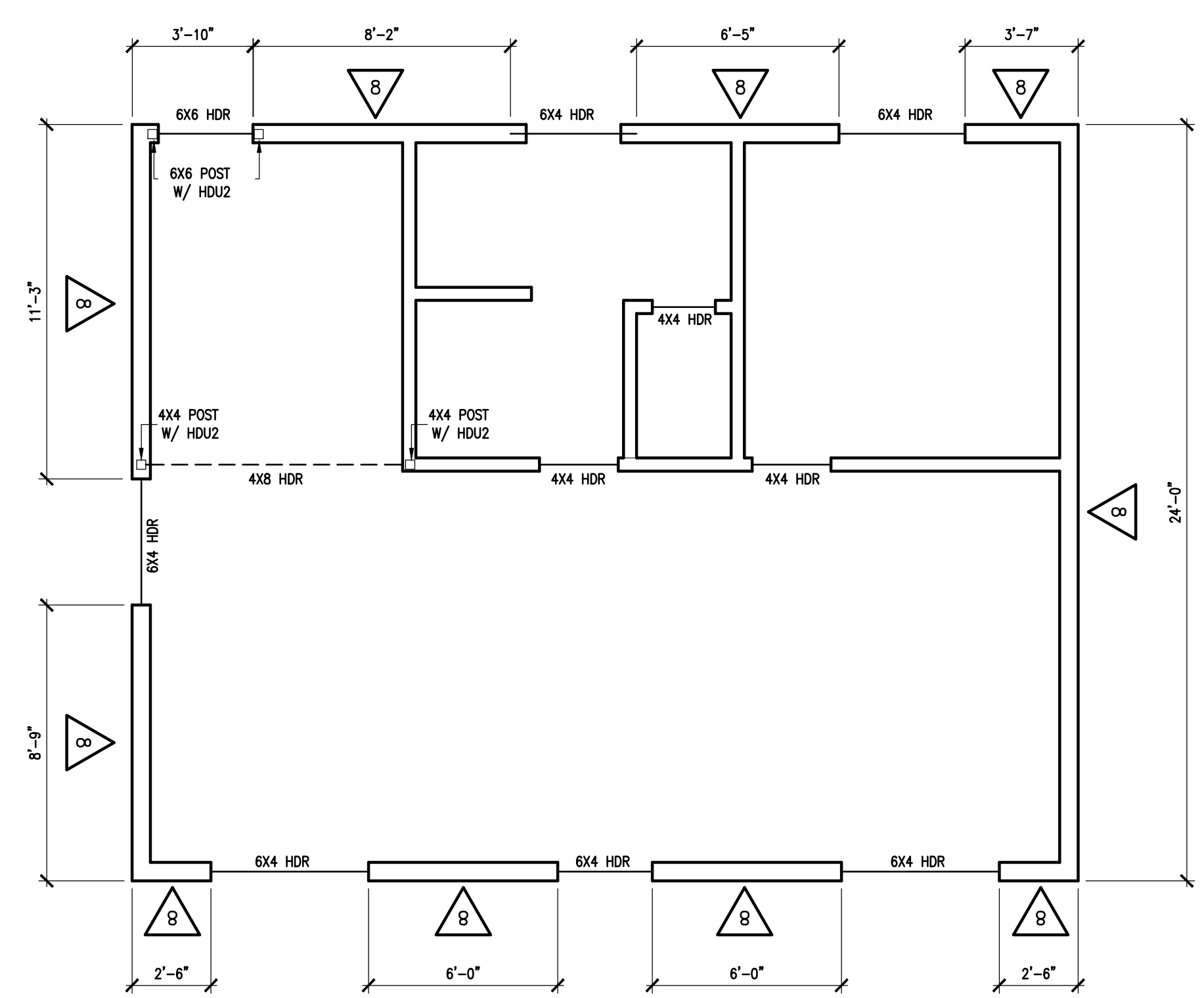
4 PAD FOOTING
SCALE 1"=1'-0"



1 FOUNDATION PLAN
SCALE 1/4"=1'-0"



3 ROOF FRAMING PLAN
SCALE 1/4"=1'-0"



2 FRAMING PLAN
SCALE 1/4"=1'-0"

FASTENERS NOTES
FASTENERS INCLUDING NUTS AND WASHERS FOR PRESERVATIVE-TREATED WOOD (IN ALL APPLICATIONS) AND FIRE-RETARDANT-TREATED WOOD (IN EXTERIOR APPLICATIONS) SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICONE BORNYZE, OR COPPER (CRC R317.3)

SHEAR WALL SCHEDULE			
SYM	PLF	ASSEMBLY (3)	NAILING (1)
B	260	1/2" APA SHIT'G STR I	8D COMMON @6" OC.; 8D F.N. @12" OC.

SHEAR TRNASFER SCHED. (1,2,3)						
SYM	A	B	C	D	E	F
B	6	48	60	16	16	6 IN. OC.

SILL PLATE TO WOOD FLOOR BLOCKING TO TOP PLATE
A 16D COMMON NAIL **D** A35 CONNECTOR
B SILL PLATE TO CONCRETE (2) **E** LTP4 CONNECTOR (4)
 5/8" DIA. AB'S ON **F** 16D COMMON NAILS
 2X SILL PLATE
 5/8" DIA. AB'S ON
 3X SILL PLATE

- WHEREVER EXISTING ANCHOR BOLTS ARE NOT ADEQUATE PER THIS SCHEDULE, USE 5/8" TREADED ROD (RFB/5X10) WITH MIN 5" EMBEDMENT PER ESR-2508 SP. INSP. RQ.
- IN SEISMIC ZONE 4, (CALIF) USE ONLY 5/8" AB'S WITH MIN. 7" EMBEDMENT INTO CONC. OR MASONRY WITH A 3"x3"x0.229" THICK WASHER
- IF SHEAR WALL OCCURS ON BOTH SIDES OF FOOTING THEN AB SPACING TO BE REDUCED BY 1/2.
- USE LTPS WHEN INSTALLED OVER SHEATHING OR USE 8D COMMON ON LTP4.

- NAILING FOR APA SHEATHING SHEAR WALL APPLIES TO ALL EDGE NAILING. FIELD NAIL WITH SAME SIZE @12" OC.
- FRAMING RECEIVING EDGE NAILING FROM ABUTTING PANELS SHALL BE 3X MEMBERS. FOUNDATION SILL SHALL BE 3 OR 2X MEMBERS PER ANCHOR BOLT SPACING. PLYWOOD JOINT & SILL PLATE NAILING SHALL BE STAGGERED.
- ALL STUDS SHALL BE 2X4 MIN @16" OC. OR PANEL FACE GRAIN SHALL BE HORIZONTAL ACROSS FRAMING @ 24" OC. (MIN). PANEL EDGES BETWEEN STUDS SHALL BE SOLID BLOCKED (MIN). NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE
- WHERE PLYWOOD SHEAR PANEL IS APPLIED TO BOTH SIDES OF A WALL & NAILS ARE LESS THAN 6" OC. PANEL JOINTS SHALL BE OFFSET ON DIFFERENT FRAMING MEMBERS OR STUDS AND SILL PLATES SHALL BE 3X AND NAILS SHALL BE STAGGERED.
- SHEAR WALLS SHALL BE REDUCED 50% FOR GYPSUM BOARD WALLS RESISTING SEISMIC FORCES.
- SILL PLATES SHALL BE ON 2X MEMBERS.

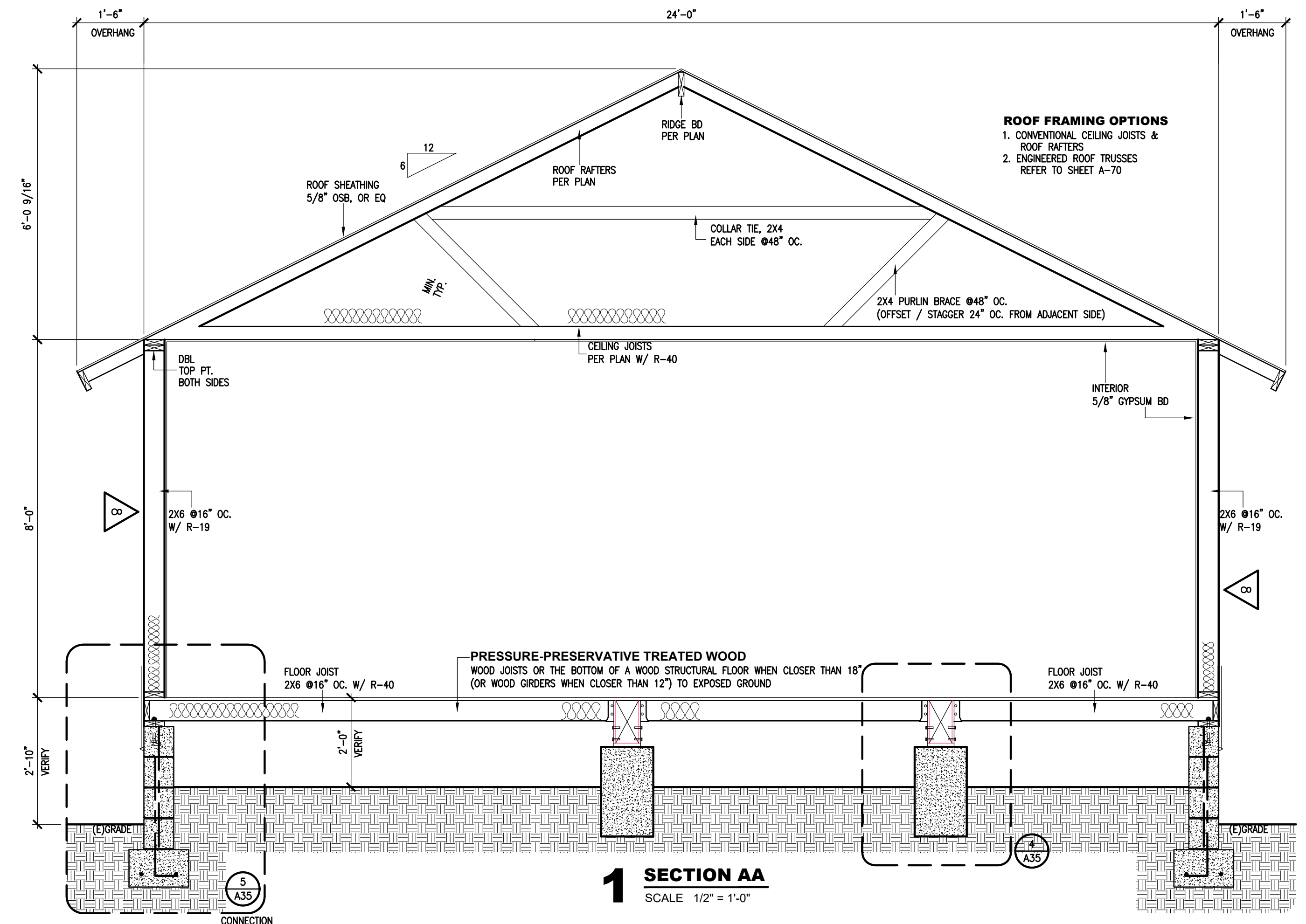
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BAND OF KUMEYAAY
EAST SD COUNTY
INDIAN RESERVATION**

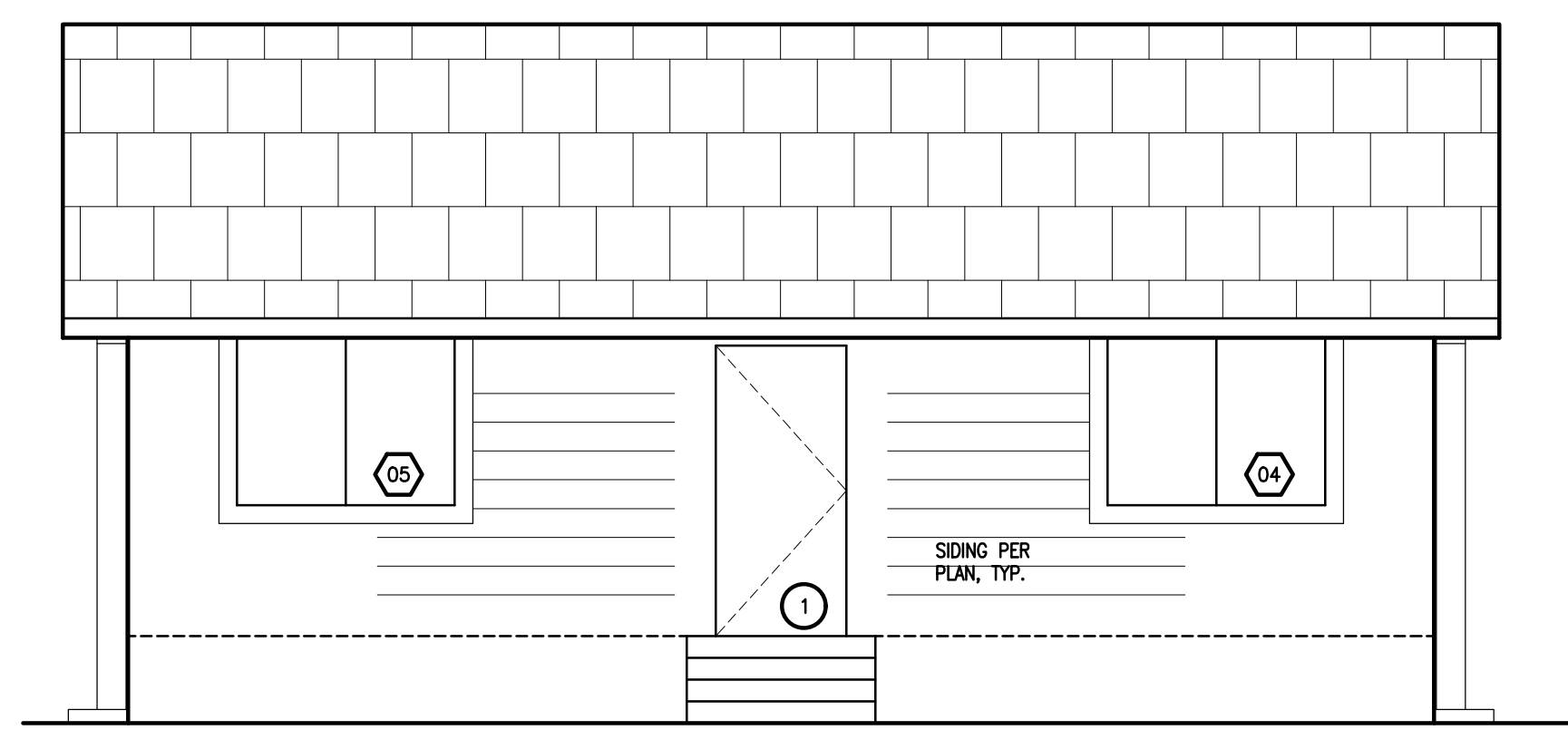
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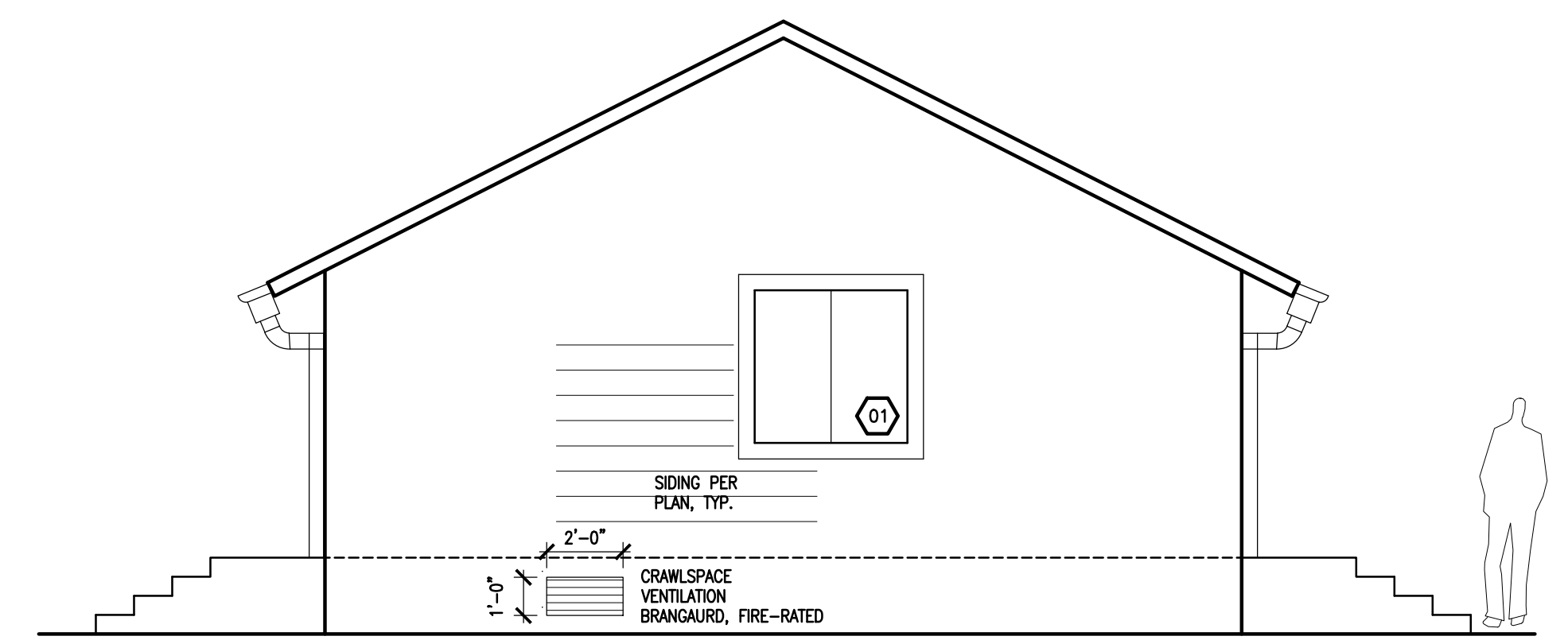
**DETAILS
SHEAR SCHEDULES
ROOF FRAMING PLAN
FRAMING PLAN
FOUNDATION PLAN**



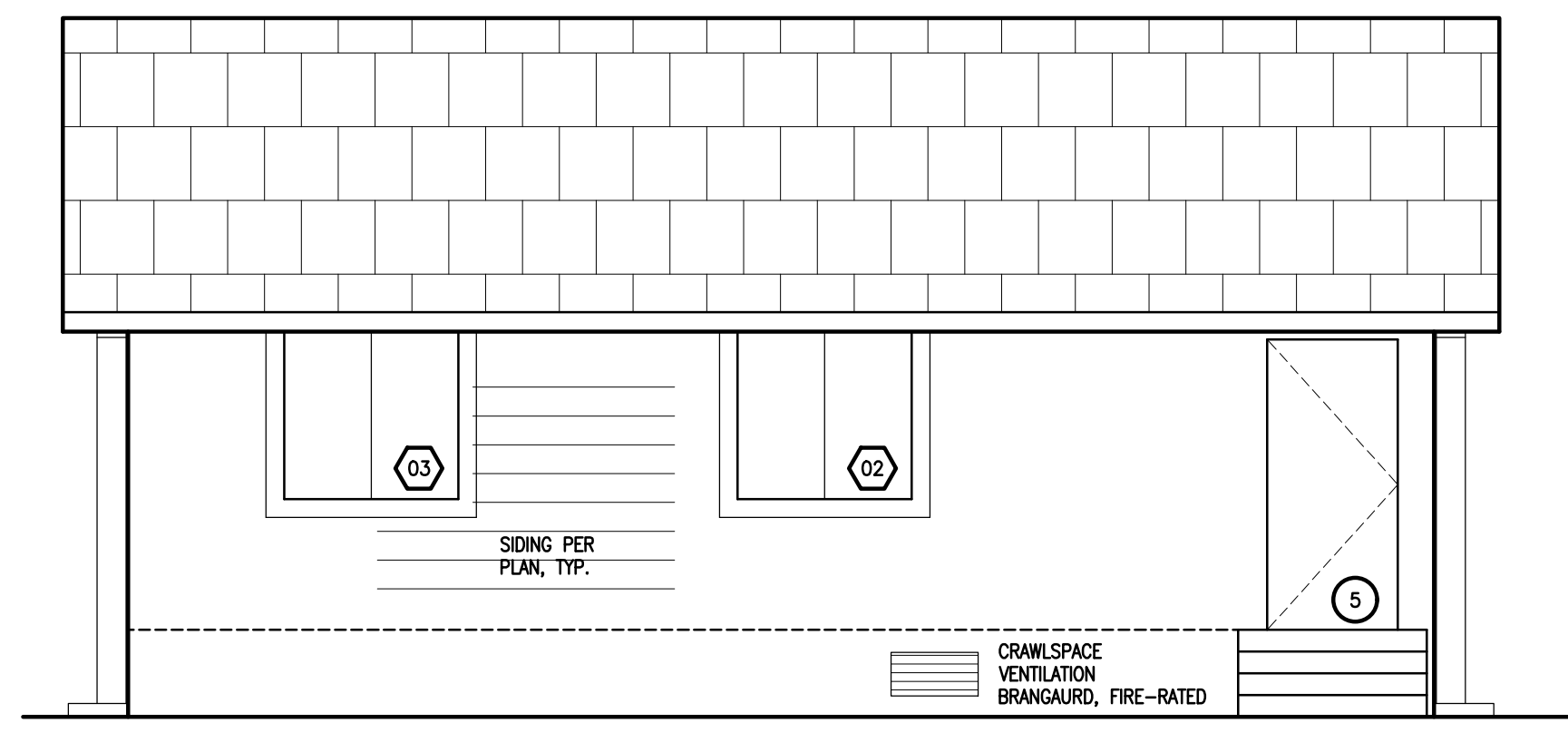
1 SECTION AA
 SCALE 1/2" = 1'-0"



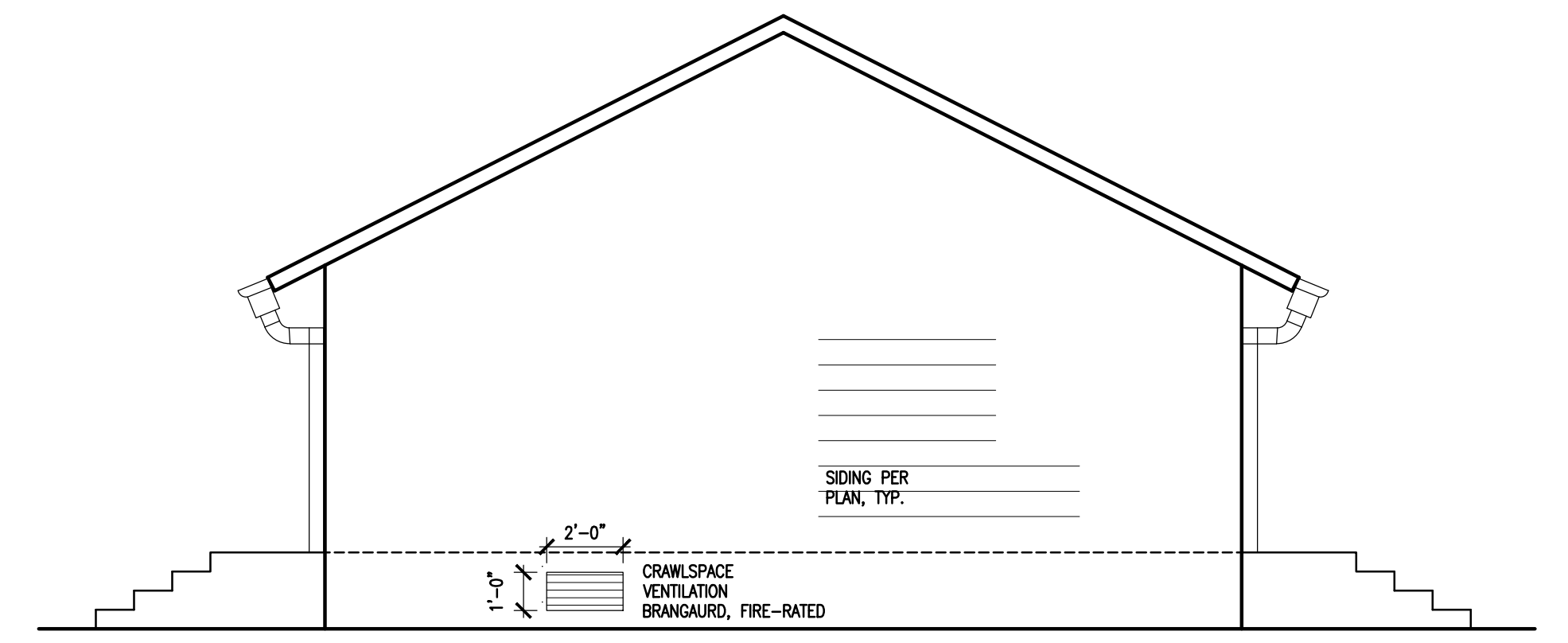
3 FRONT ELEVATION
 SCALE 1/4" = 1'-0"



2 SIDE ELEVATION
 SCALE 1/4" = 1'-0"



5 REAR ELEVATION
 SCALE 1/4" = 1'-0"



4 SIDE ELEVATION
 SCALE 1/4" = 1'-0"

UNDER-FLOOR VENTILATION AREA CALCULATION
 TOTAL CRAWLSPACE: 720 SF
 VENT AREA REQ'D: 720/150 = **4.8 SF**
 VENT SIZE (12\"/>

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**EWIIAAPAAYP
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 EAST SD COUNTY
 INDIAN RESERVATION**

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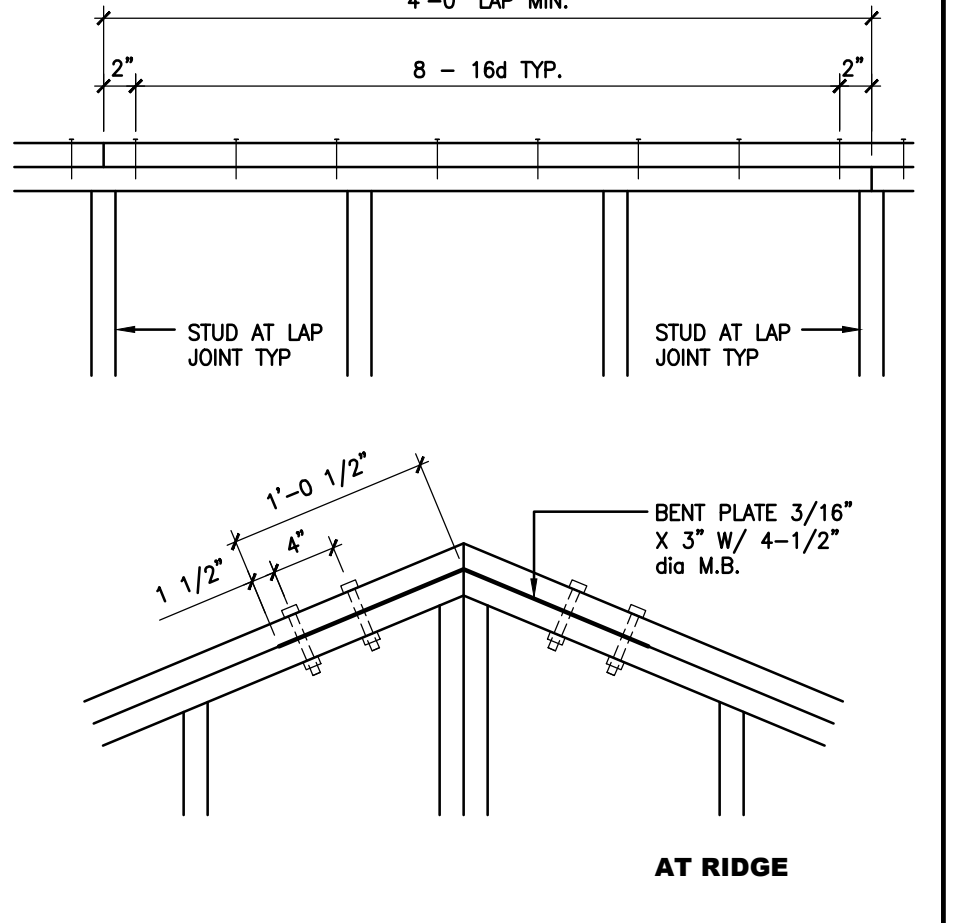
ELEVATIONS SECTION

Sheet Number

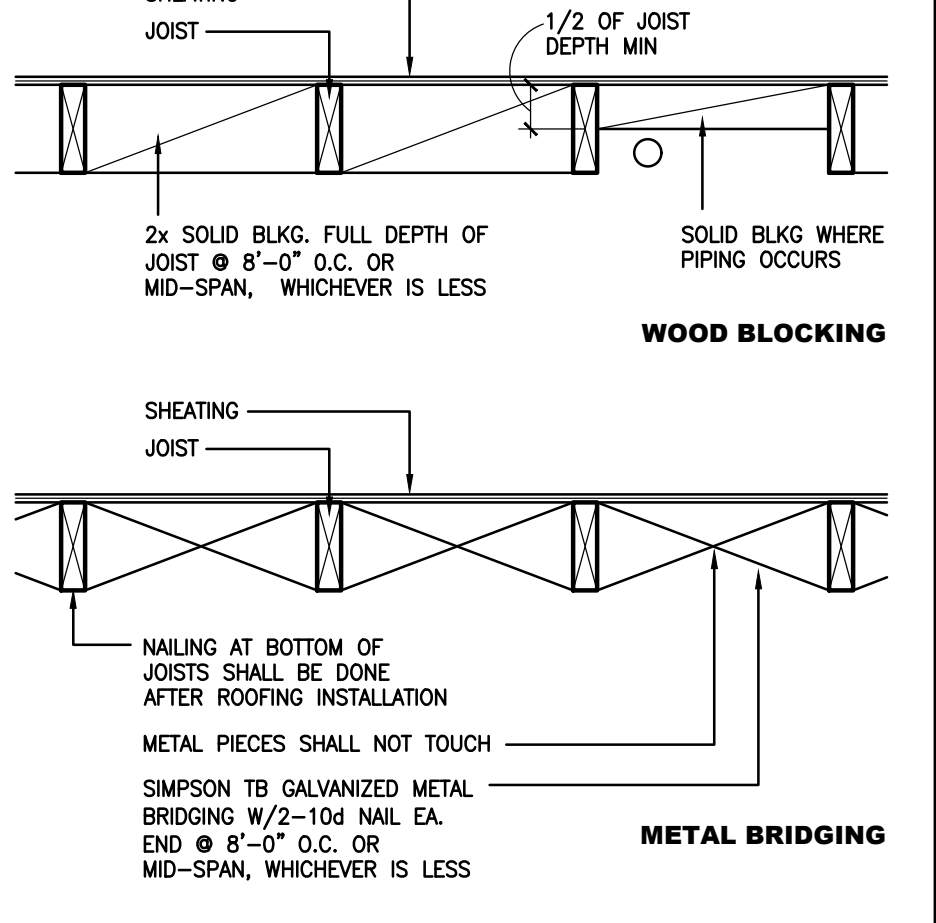
NAILING SCHEDULE

CONNECTION	NAILING (1)
1. JOIST TO SILL OR GIRDER	3-8d
2. BRIDGING TO JOIST, TOENAIL, EACH END	2-8d
3. 1" x 6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8d
4. WIDER THAN 1" x 6" SUBFLOOR TO EACH JOIST, FACE NAIL	3-8d
5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16d
6. SOLE PLATE TO JOIST OR BRIDGING, TYPICAL FACE NAIL	16d at 16" o.c.
7. TOP PLATE TO STUD, END NAIL	2-16d
8. STUD TO SOLE PLATE, TOE NAIL	4-8d
9. DOUBLE STUDS, FACE NAIL	16d at 24" o.c.
10. DOUBLED TOP PLATES, FACE NAIL	16d at 16" o.c.
11. TOP PLATES LAPS & INTERSECTIONS, FACE NAIL	2-16d
12. CONTINUOUS HEADER TWO PIECES, ALONG EACH EDGE	16d @16" o.c.
13. CEILING JOISTS TO PLATE, TOENAIL	3-8d
14. CONTINUOUS HEADER TO STUD, TOE NAIL	4-8d
15. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
16. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-16d
17. RAFTER TO PLATE, TOE NAIL	3-8d
18. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
19. 1" x 8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	2-8d
20. WIDER THAN 1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d
21. BUILT-UP CORNER STUDS	16d at 24" o.c.
22. BUILT-UP GIRDER AND BEAMS	
AT TOP AND BOTTOM STAGGER	20d @24" o.c.
AT ENDS & AT EACH SPICE	2-20d
23. 2" PLANKS AT EACH BEARING	2-16d
24. BLOCKING BETWEEN JOISTS OR RAFTERS	
TO JOIST OR RAFTERS TOE NAIL, EACH SIDE	2-10d
TO JOIST OR RAFTER BEARING, TOE NAIL, EACH SIDE	2-0d
25. JOIST OR RAFTERS TO SIDES OF STUDS	
8" OR LESS	3-16d
FOR EACH ADDITIONAL 4" IN DEPTH OF JOIST	1-16d
26. BLOCKING BETWEEN STUDS	2-16d, OR 2-10d TOE NAILS
27. RIBBONS TO STUDS	
1" RIBBONS	2-8d
2" RIBBONS	2-16d

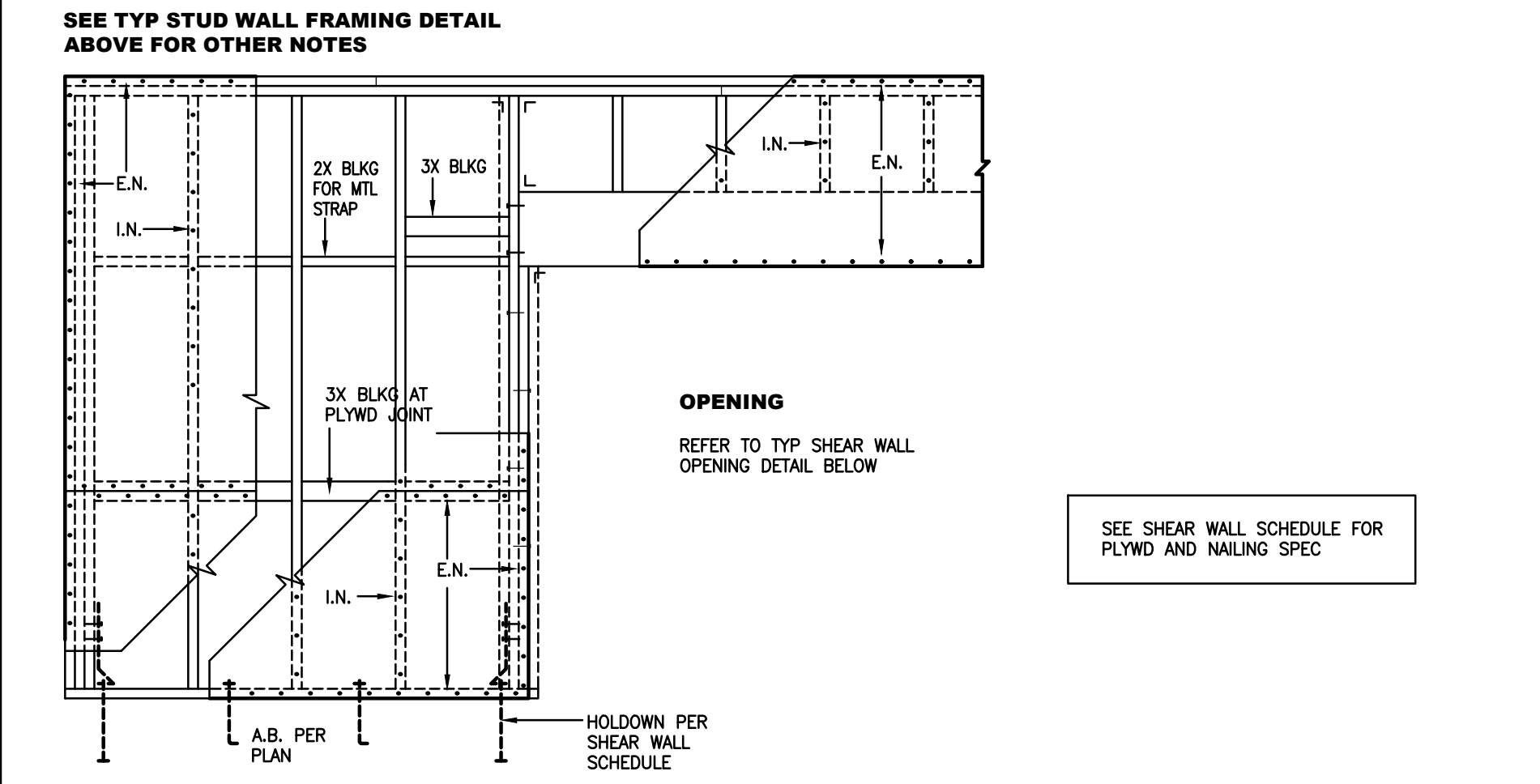
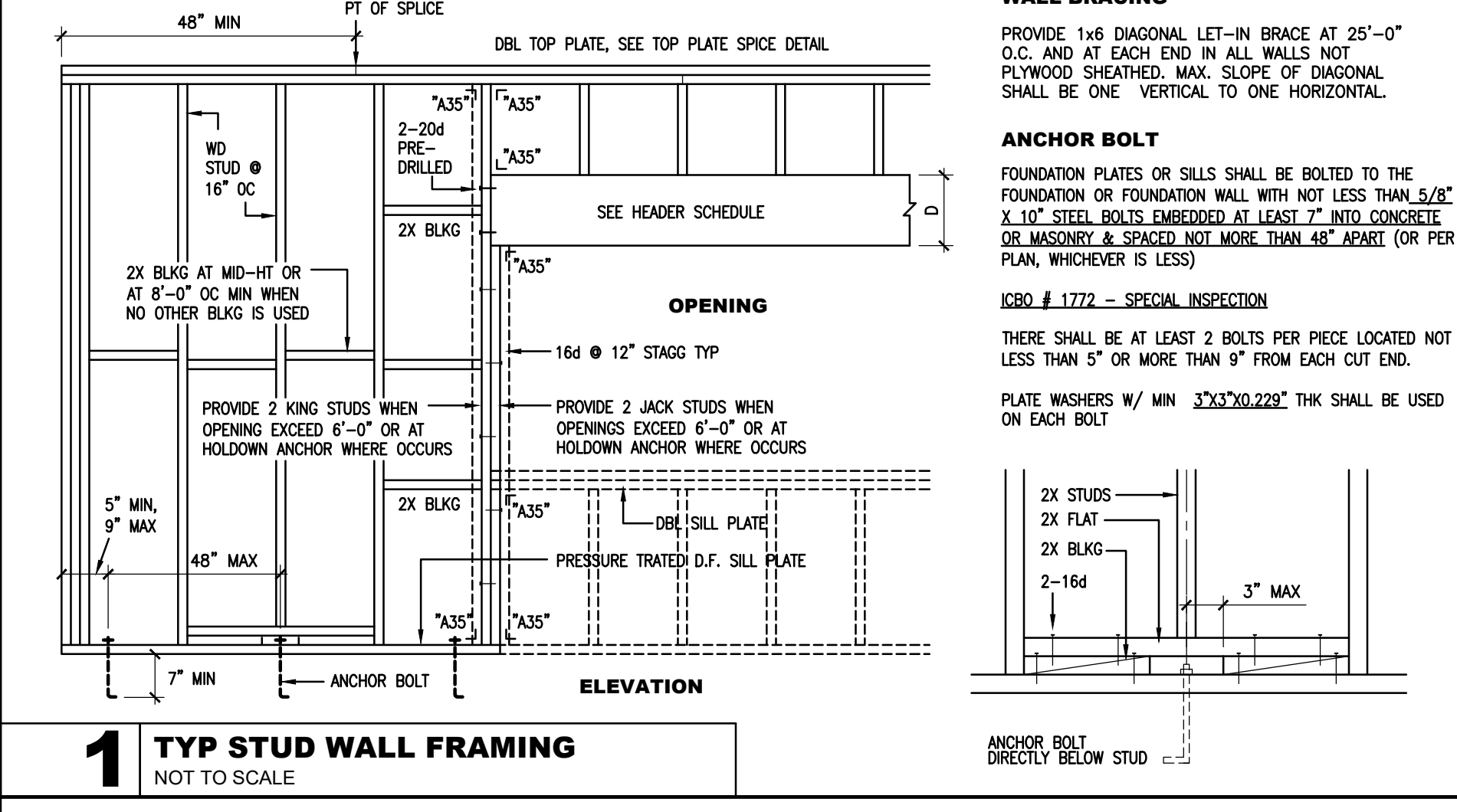
- (1) COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.
- (2) NAILS SPACED AT 6 INCHES ON CENTER AT EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES AT ALL SUPPORTS, WHERE SPANS ARE 48 INCHES OR MORE, FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICULATEBOARD DIAPHRAGMS AND SHEAR WALLS. REFER TO SECTIONS 2315.3.3 AND 2315.4. NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.
- (3) COMMON OR DEFORMED SHANK.
- (4) COMMON.
- (5) DEFORMED SHANK.
- (6) CORROSION-RESISTANT SIDING OR CASING NAILS CONFORMING TO THE REQUIREMENTS OF SECTION 2304.10.5 2019 CALIFORNIA BUILDING CODE.
- (7) FASTENERS SPACED 3 INCHES ON CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS.
- (8) CORROSION-RESISTANT ROOFING NAILS WITH 7/16 INCH DIAMETER HEAD AND 1-1/2 INCH LENGTH FOR 1/2 INCH SHEATHING, AND 1-3/4 INCH LENGTH FOR 25/32 INCH SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2304.10.5 2019 CALIFORNIA BUILDING CODE.
- (9) CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16 INCH CROWN AND 1-1/8 INCH LENGTH FOR 1/2 INCH SHEATHING AND 1-1/2 INCH LENGTH FOR 25/32 INCH SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2304.10.5 2019 CALIFORNIA BUILDING CODE.
- (10) PANEL SUPPORTS AT 16 INCHES [20 INCHES IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED], CASING OR FINISH NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.
- (11) PANEL SUPPORTS AT 24 INCHES, CASING OR FINISH NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.



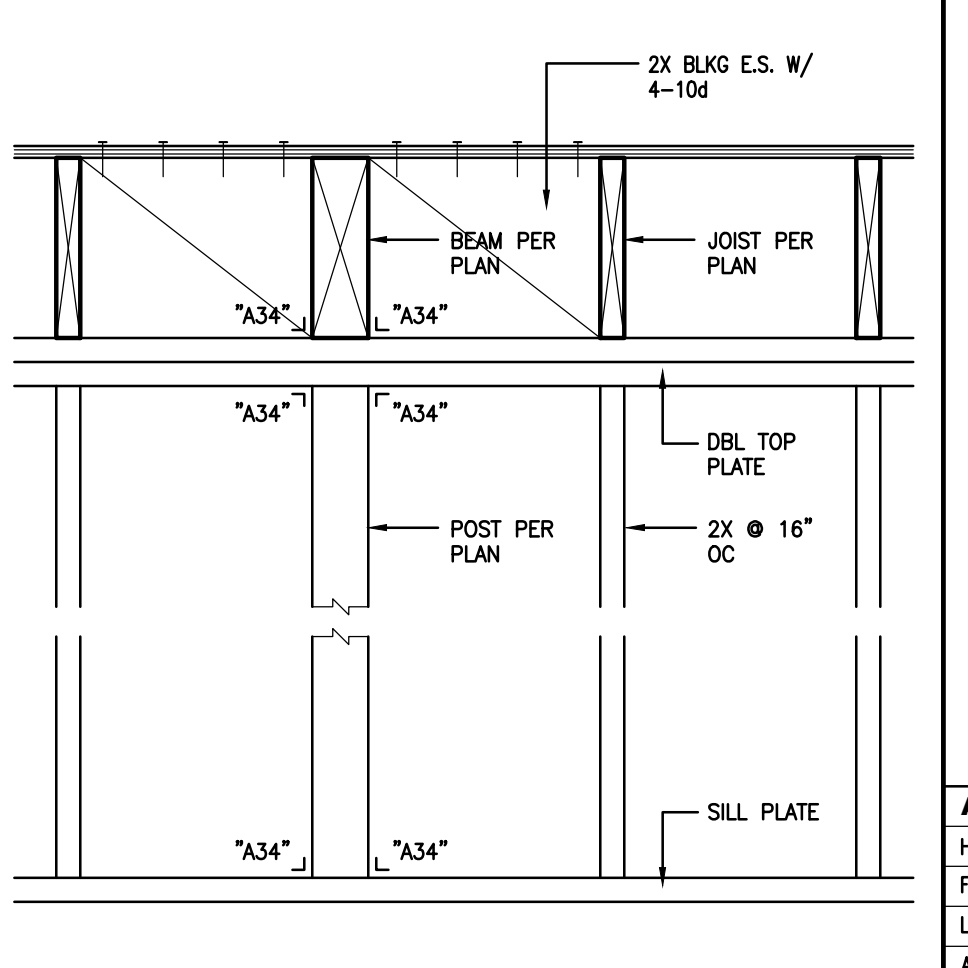
9 TYP DETAIL DOUBLE TOP PLATE
Scale 1" = 1'-0"



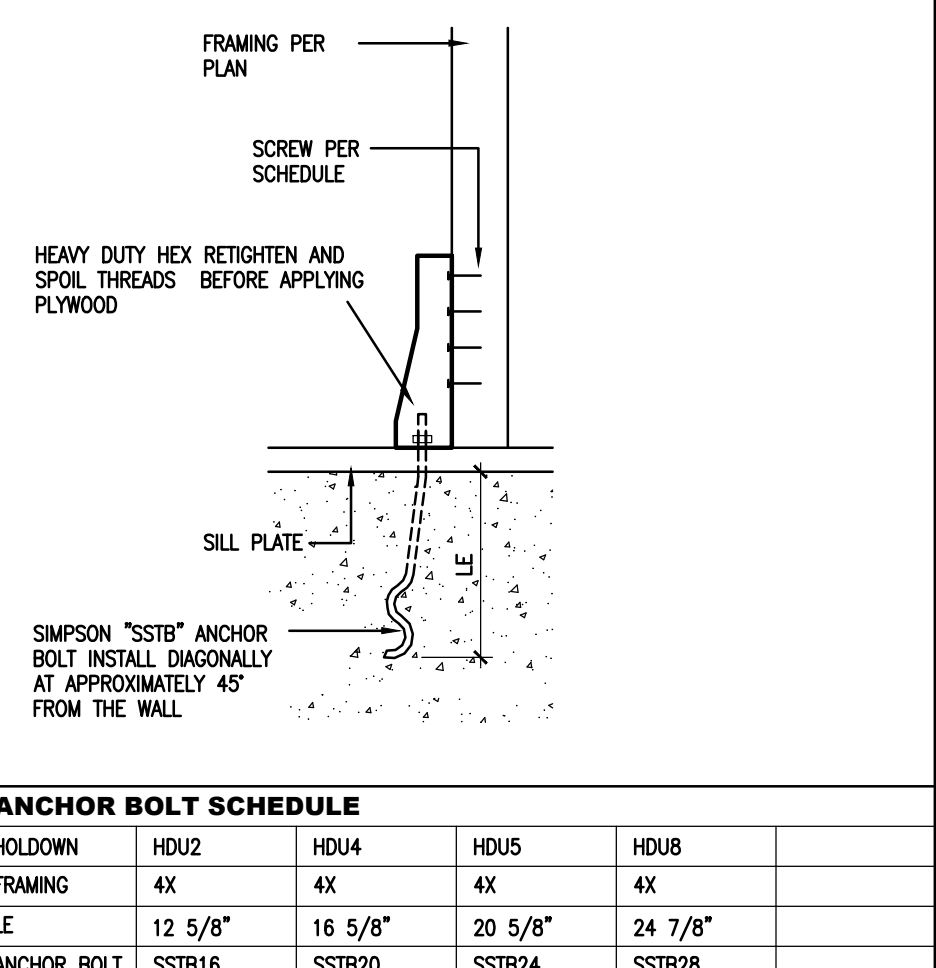
5 TYP DETAIL WOOD JOIST BRIDGING
Scale 1" = 1'-0"



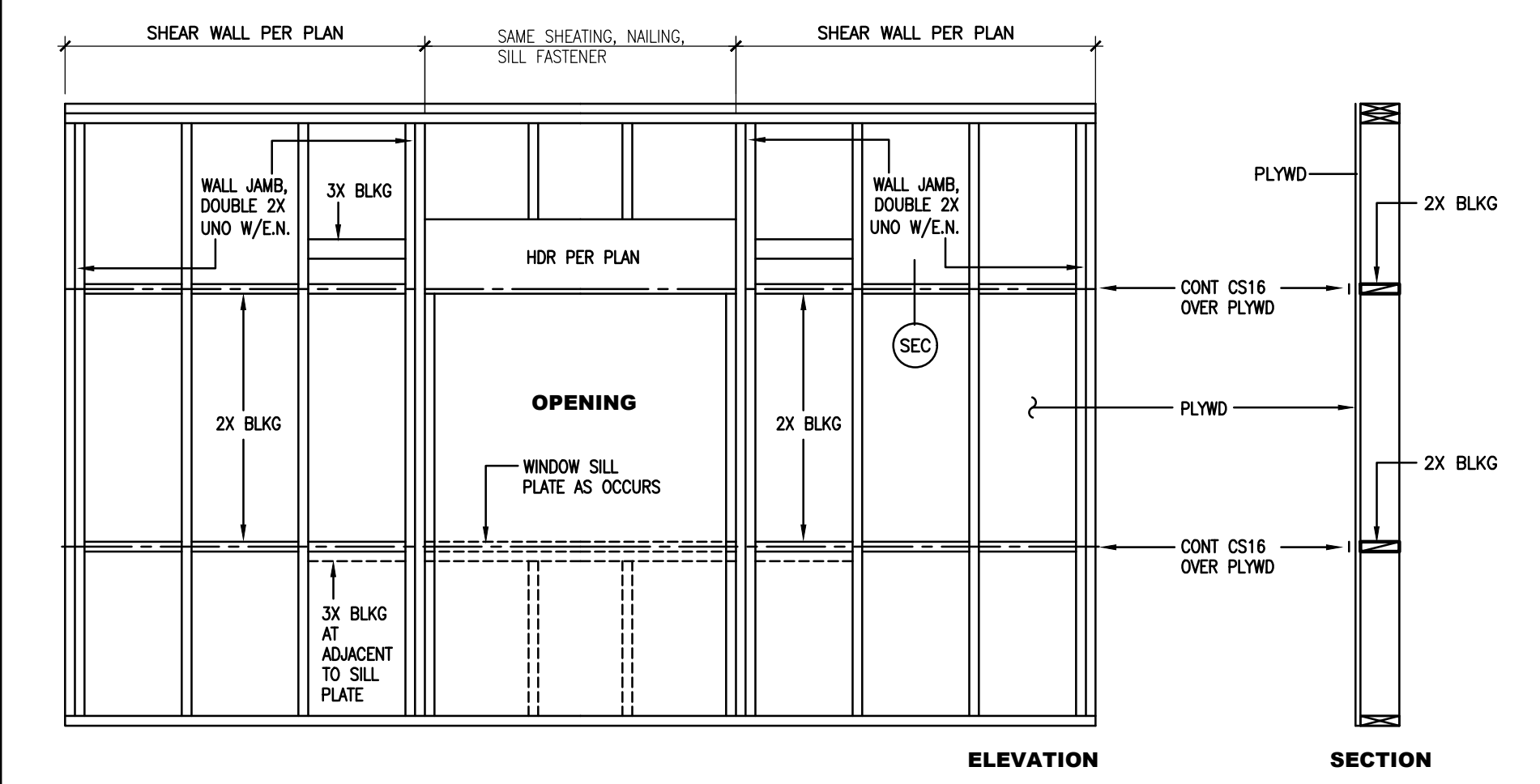
2 TYP PLYWOOD SHEAR WALL
NOT TO SCALE



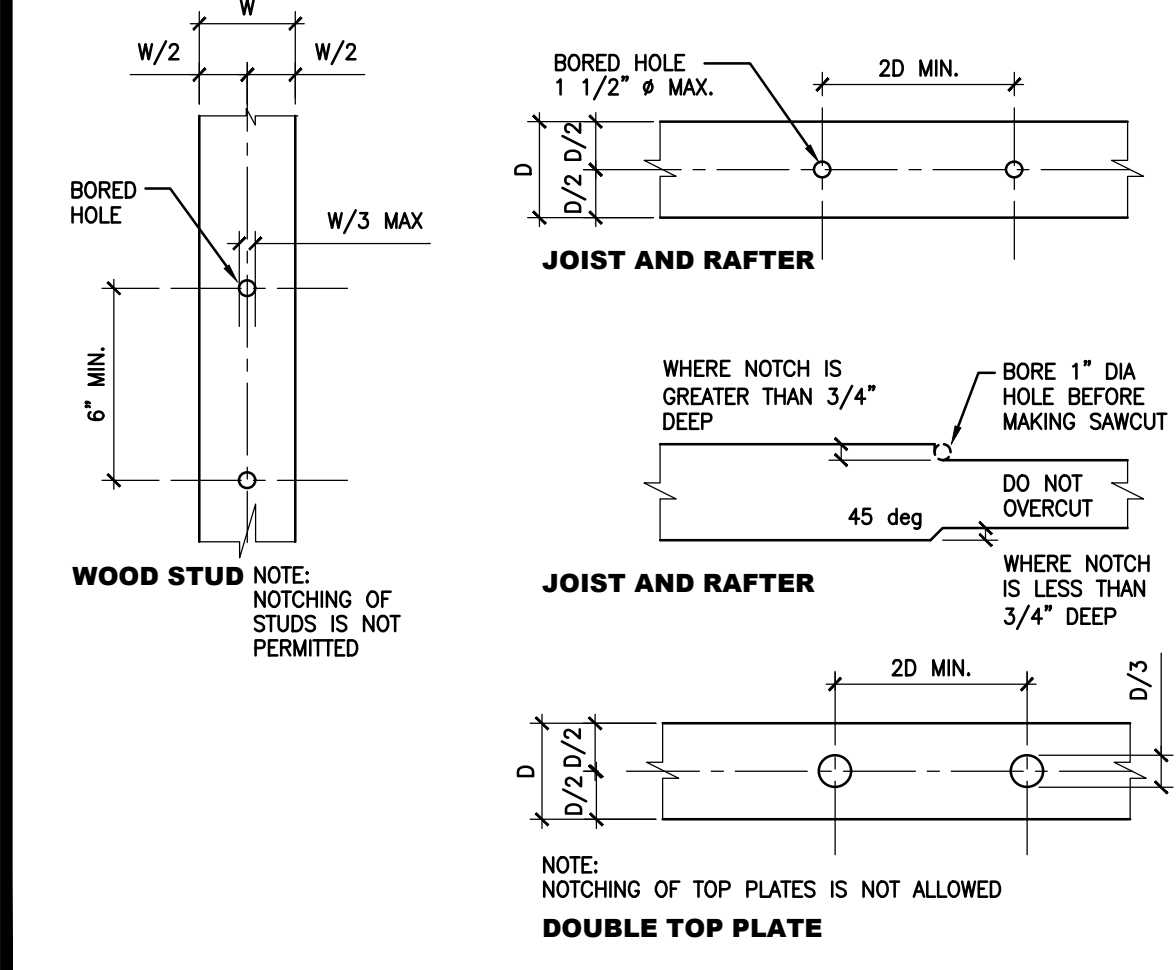
11 TYP DETAIL POST IN WALL
Scale 1" = 1'-0"



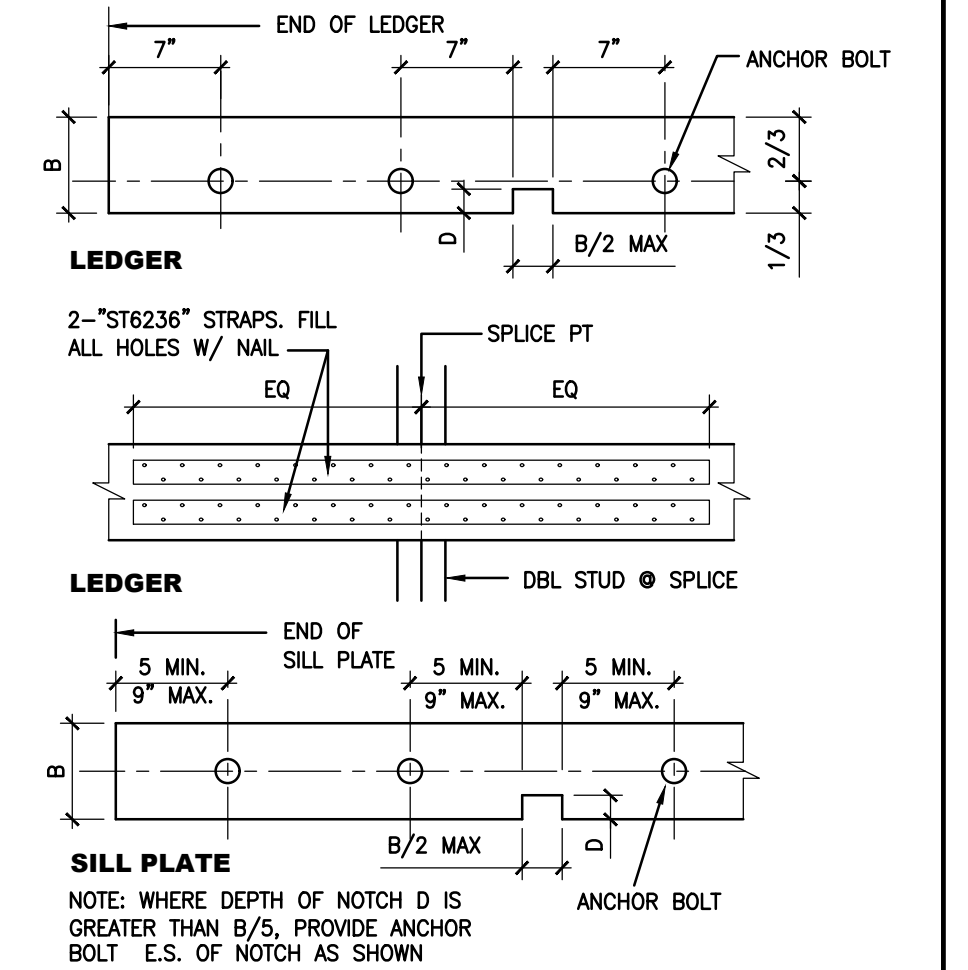
7 TYP DETAIL ANCHOR BOLT AND HOLDOWN
Scale 1" = 1'-0"



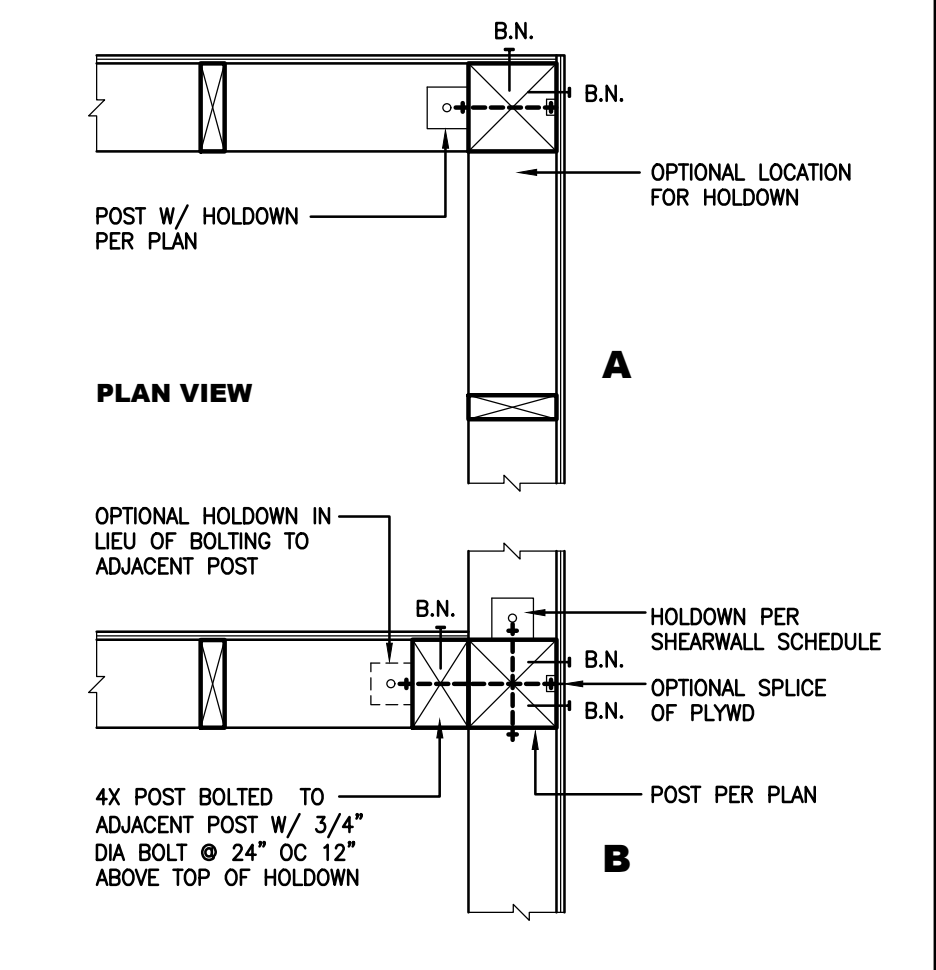
3 TYP OPNG IN PLYWD SHEAR WALL
NOT TO SCALE



12 TYP DETAIL - WOOD FRAME HOLES / NOTCHING / SPLICE
NOT TO SCALE



8 TYP DETAIL SHEAR WALL AT CORNER AND INTERSECTION
Scale 1" = 1'-0"



4 HORIZL PLYWD DIAPHRAGM
NOT TO SCALE

WOOD FRAMING

- 1. STRUCTURAL LUMBER SHALL BE STRESS-MARKED DOUGLAS FIR-LARCH S4S IN ACCORDANCE WITH GRADING AND DRESSING RULE NO. 16 OF THE WEST COAST LUMBER INSPECTION BUREAU (LATEST EDITION).
- 2. LUMBER SHALL NOT BE BORE OR NOTCHED, EXCEPT WHERE DETAILED.
- 3. SILLS AND PLATES IN CONTACT WITH CONCRETE OR MASONRY WITHIN 48 INCH OF GROUND SHALL BE PRESSURE TREATED DOUGLAS FIR-LARCH.
- 4. PROVIDE 2x FIRE BLOCKING AT MID-HEIGHT OF STUD PARTITIONS OVER 8'-6" IN HEIGHT.
- 5. PROVIDE 2x SOLID BLOCKING AT ALL SUPPORTS FOR RAFTERS, CEILING JOISTS AND FLOOR JOIST EXCEPT WHERE RAFTERS OR JOISTS ARE SUPPORTED BY JOIST HANGERS.
- 6. ROOF SHEATHING INSPECTIONS SHALL BE MADE PRIOR TO COVERING. ALL STRUT CONNECTIONS SHALL BE COMPLETED PRIOR TO INSPECTION.
- 7. SEE DRAWINGS FOR SHEAR WALL SCHEDULE, HOLDOWN DETAILS, PANEL LOCATIONS, ETC. SHEAR PANEL NAILING SHALL BE SPACED AT LEAST 3/8 INCH FROM ALL EDGES.
- 8. METAL CONNECTORS SHALL BE "SIMPSON STRONG-TIE" OR EQUAL, EXCEPT AS SHOWN. FILL ALL HOLES OF THE PREFAB. CONNECTORS AS SPECIFIED BY MANUFACTURER.
- 9. LUMBER MINIMUM GRADE:
 - A. HORIZONTAL MEMBERS:
 - JOISTS AND RAFTERS NO. 1 AND BETTER
 - PURLINS NO. 1
 - SUBPURLINS:
 - 2x4 NO. 1
 - 2x6 OR LARGER NO. 1
 - 6x BEAMS AND LARGER NO. 1
 - 4x BEAMS AND SMALLER NO. 1 AND BETTER
 - LEDGERS AND NAILERS NO. 1 AND BETTER
 - HEADERS NO. 1 AND BETTER
 - TOP PLATES MATCH VERTICAL MEMBERS
 - B. VERTICAL MEMBERS:
 - 2x4 STUDS, 8'-0" MAX NO. 1
 - 2x4 STUDS, 8'-1" TO 14'-0" NO. 1
 - 2x6 STUDS AND LARGER NO. 1 AND BETTER
 - POSTS NO. 1 AND BETTER
- 10. ALL BOLTS AND LAG SCREWS SHALL HAVE STANDARD CUT WASHERS BETWEEN THE WOOD AND THE NUTS. SEE DRAWINGS FOR LOCATIONS OF PLATE WASHERS AS REQUIRED.
 - BOLTS A.S.T.M. A-307
 - LAG SCREWS A.N.S.I. B-18
 - NUTS A.S.T.M. A-563
 - WASHERS A.S.T.M. F-844

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EWIIAAPAAYP BAND OF KUMEYAA Y EAST SD COUNTY INDIAN RESERVATION

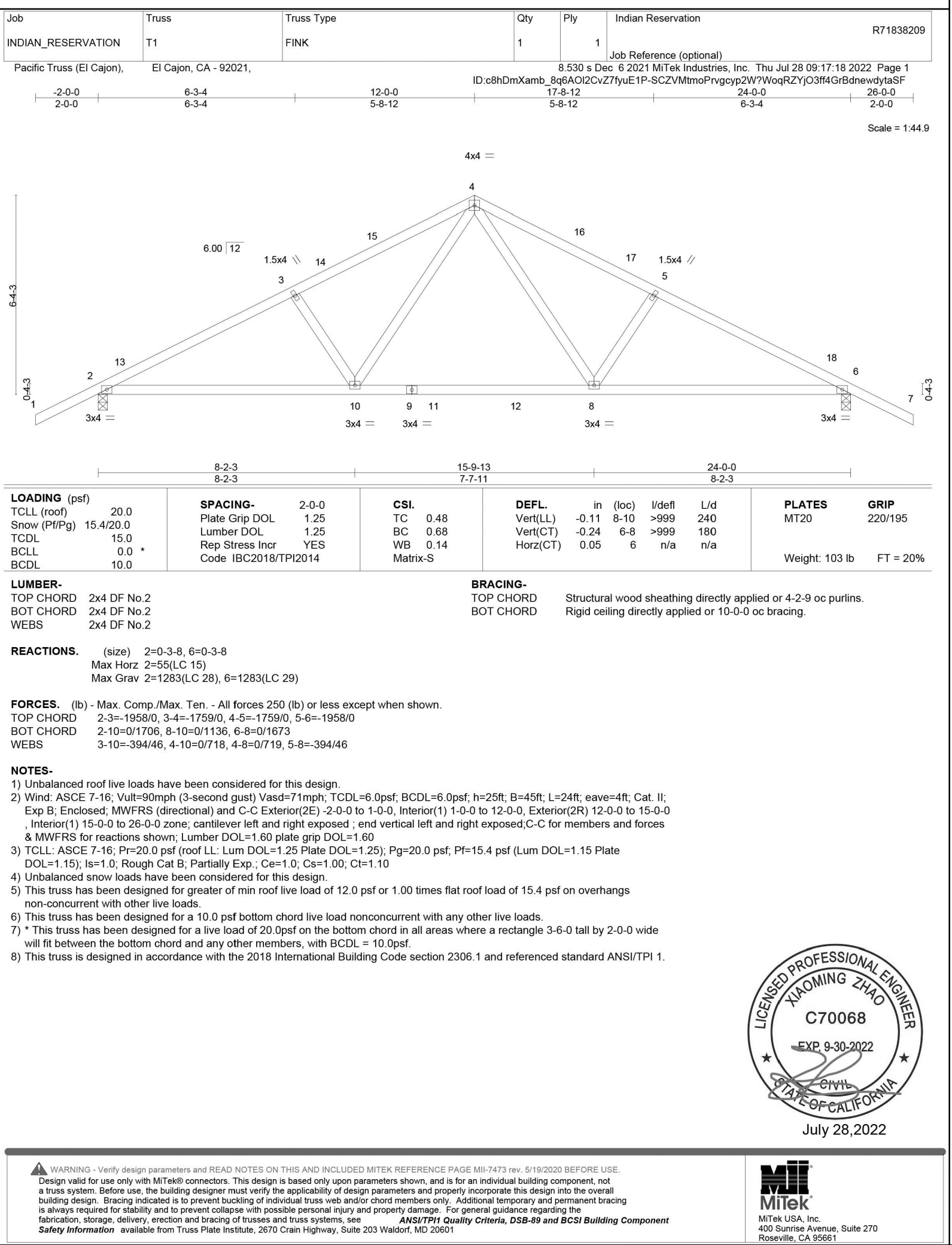
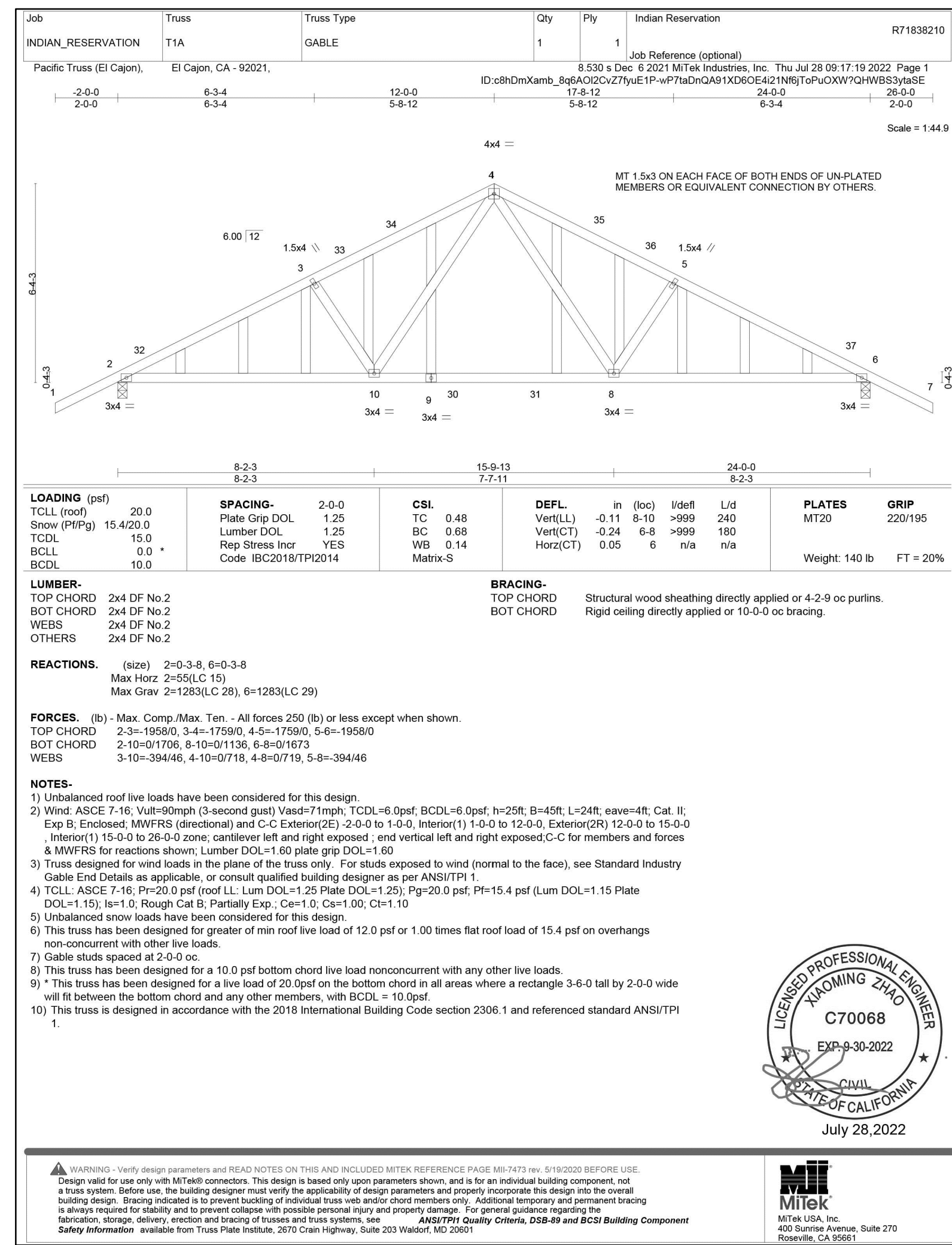
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Sheet Title

STANDARD DETAILS

A60

L2 Construction
DESIGN BUILD
 110051 QUAIL CANYON RD. EL CAJON, CA 92021
 619-443-4644 / l2construction.com
 PLAN REVIEWED BY
 CHRIS PARK
 (951-201-8826)

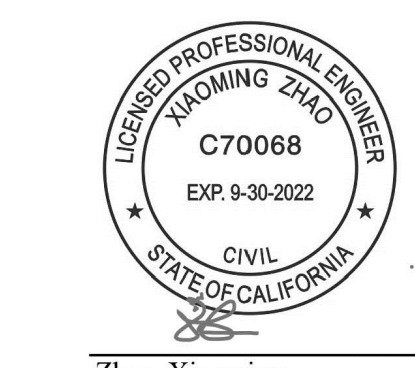


MITek USA, Inc.
 MITek USA, Inc.
 400 Sunrise Avenue, Suite 270
 Roseville, CA 95661
 Telephone 916-755-3571

Re: Indian Reservation
 Indian Reservation

The truss drawing(s) referenced below have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Pacific Truss (EI Cajon).

Pages or sheets covered by this seal: R71838209 thru R71838210
 My license renewal date for the state of California is September 30, 2022.



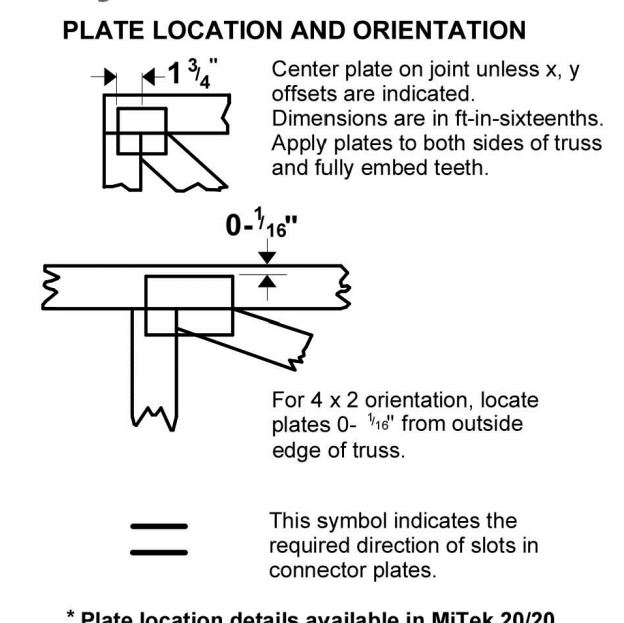
July 28, 2022

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSITP1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers for reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSITP1, Chapter 2.

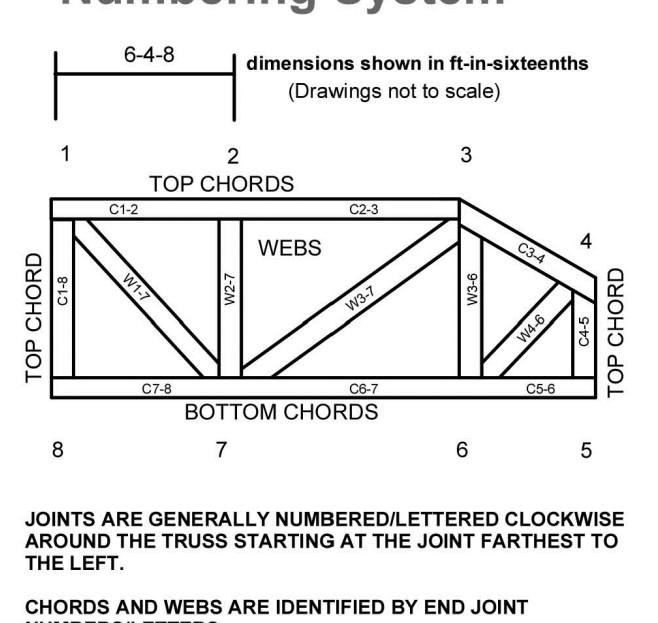
NOTES:
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind ASCE 7-16, Vult=90mph (3-second gust) Vast=71mph, TCDF=6.0psf, BCDL=6.0psf, h=20ft, B=45ft, L=24ft, eave=4ft, Cat. II, Exp. B, Endused, MWFRS (directional) and C-C Exterior(2), 2-0-0 to 1-0-0, Interior(1) 1-0-0 to 12-0-0, Exterior(2R) 12-0-0 to 15-0-0, Interior(1) 15-0-0 to 26-0-0 zone, cantilever left and right exposed, end vertical left and right exposed, C-C for members and forces & MWFRS for reactions shown, Lumber DOL=1.60 plate grp DOL=1.60
 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Cable End Details as applicable, or consult qualified building designer as per ANSITP1.
 4) TCLL ASCE 7-16, Piv=20.0 psf (roof LL, Lum DOL=1.25 Plate DOL=1.25), Piv=20.0 psf, Piv=15.4 psf (Lum DOL=1.15 Plate DOL=1.15), Is=1.0, Rough Cat B, Partially Exp., Ce=1.0, Cs=1.00, Cl=1.10
 5) Unbalanced snow loads have been considered for this design.
 6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.
 7) Gable studs spaced at 2-0-0 oc.
 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 9) This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSITP1.

NOTES:
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind ASCE 7-16, Vult=90mph (3-second gust) Vast=71mph, TCDF=6.0psf, BCDL=6.0psf, h=20ft, B=45ft, L=24ft, eave=4ft, Cat. II, Exp. B, Endused, MWFRS (directional) and C-C Exterior(2), 2-0-0 to 1-0-0, Interior(1) 1-0-0 to 12-0-0, Exterior(2R) 12-0-0 to 15-0-0, Interior(1) 15-0-0 to 26-0-0 zone, cantilever left and right exposed, end vertical left and right exposed, C-C for members and forces & MWFRS for reactions shown, Lumber DOL=1.60 plate grp DOL=1.60
 3) TCLL ASCE 7-16, Piv=20.0 psf (roof LL, Lum DOL=1.25 Plate DOL=1.25), Piv=20.0 psf, Piv=15.4 psf (Lum DOL=1.15 Plate DOL=1.15), Is=1.0, Rough Cat B, Partially Exp., Ce=1.0, Cs=1.00, Cl=1.10
 4) Unbalanced snow loads have been considered for this design.
 5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.
 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 7) This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 8) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSITP1.

Symbols



Numbering System



General Safety Notes

- Failure to Follow Could Cause Property Damage or Personal Injury**
- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
 - Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T or B bracing should be considered.
 - Never exceed the design loading shown and never stack materials on inadequately braced trusses.
 - Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
 - Cut members to bear tightly against each other.
 - Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSITP1.
 - Design assumes trusses will be suitably protected from the environment in accord with ANSITP1.
 - Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
 - Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
 - Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
 - Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
 - Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
 - Top chords must be sheathed or purins provided at spacing indicated on design.
 - Bottom chords require lateral bracing at 10 ft spacing, or less, if no ceiling is installed, unless otherwise noted.
 - Connections not shown are the responsibility of others.
 - Do not cut or alter truss member or plate without prior approval of an engineer.
 - Install and load vertically unless indicated otherwise.
 - Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
 - Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
 - Design assumes manufacture in accordance with ANSITP1 Quality Criteria.
 - The design does not take into account any dynamic or other loads other than those expressly stated.



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**EWIIAAPAAYP
 BAND OF KUMEYAAP
 EAST SD COUNTY
 INDIAN RESERVATION**

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Sheet Title

TRUSS DESIGN
 Sheet Number
A70

MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020