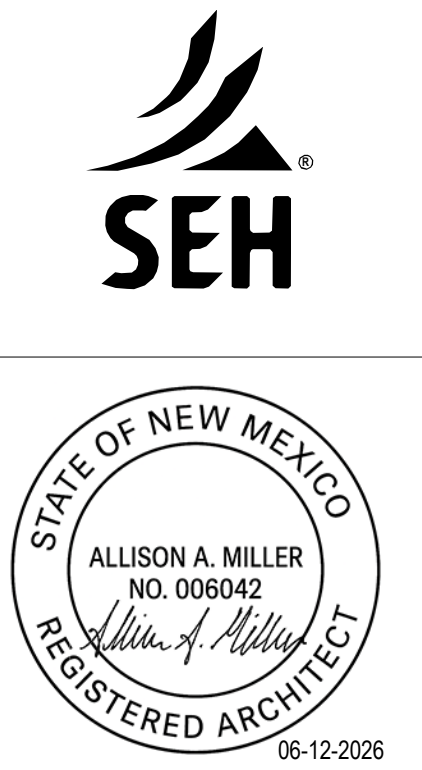


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FARMINGTON MUNICIPAL SCHOOLS

CULTURAL HOGAN

Tibbetts Middle School
3500 Twin Peaks Blvd.
Farmington, NM 87401
100% ISSUE FOR PERMIT



Project Owner
Farmington Municipal Schools
3401 E. 30th Street
Farmington, New Mexico 87402



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ARCHITECT / ENGINEER

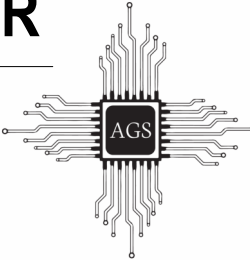
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GENERAL CONTRACTOR

TBD

DRAWING INDEX

GENERAL

G001 COVER SHEET

ARCHITECTURAL

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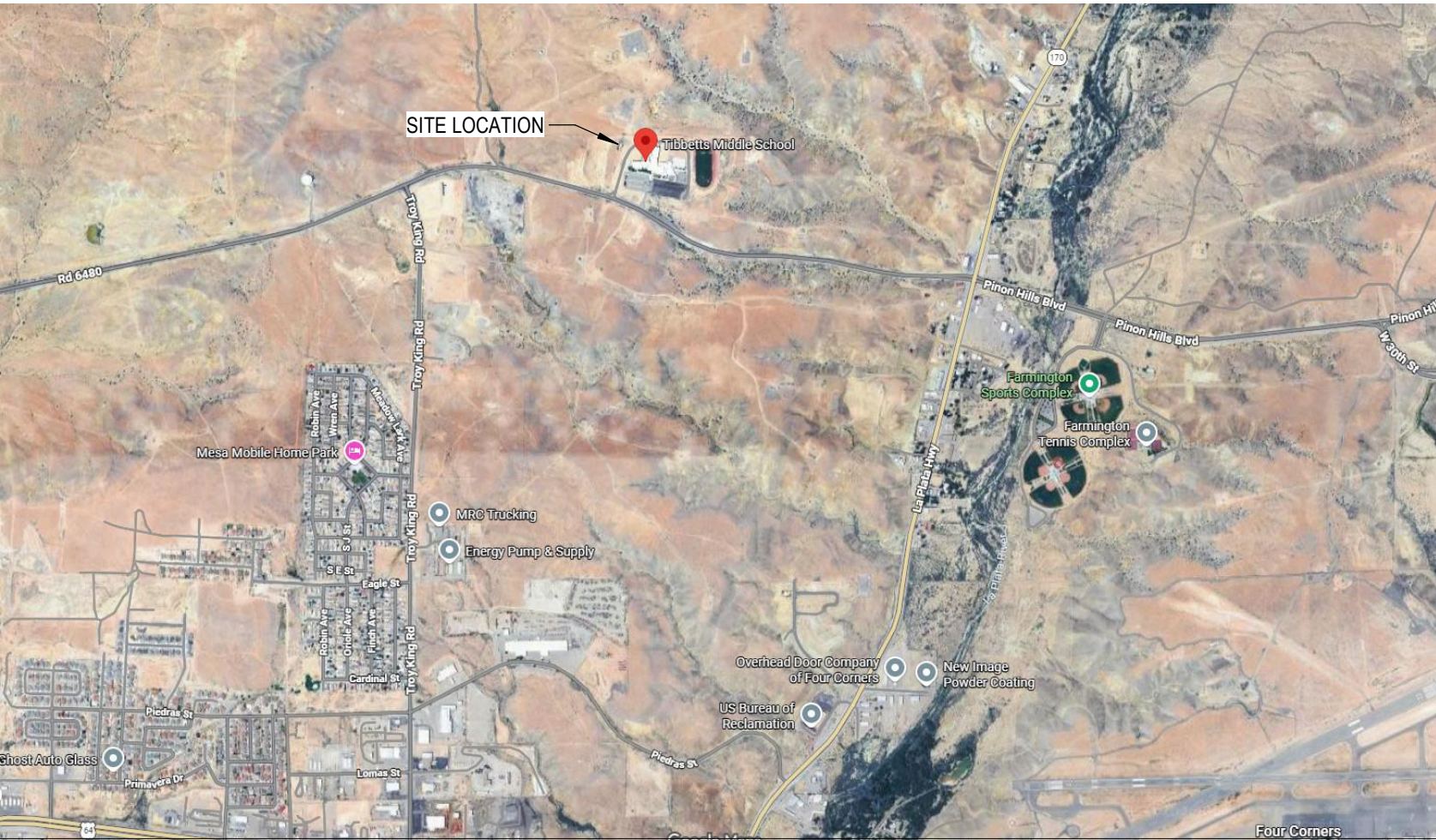
PROJECT DATA

AHJ: STATE OF NEW MEXICO, FARMINGTON FIRE DEPARTMENT
CODES: 2021 INTERNATIONAL CODES

721 NET SQUARE FEET (USABLE AREA)
E OCCUPANCY
CONSTRUCTION TYPE: VB
NUMBER OF OCCUPANTS: 36

MINIMUM ROOF LIVE LOAD – 20 PSF
FROST DEPTH – 24 INCH

VICINITY MAP



FARMINGTON MUNICIPAL SCHOOLS CULTURAL HOGAN

Tibbetts Middle School
3500 Twin Peaks Blvd
Farmington, NM 87401

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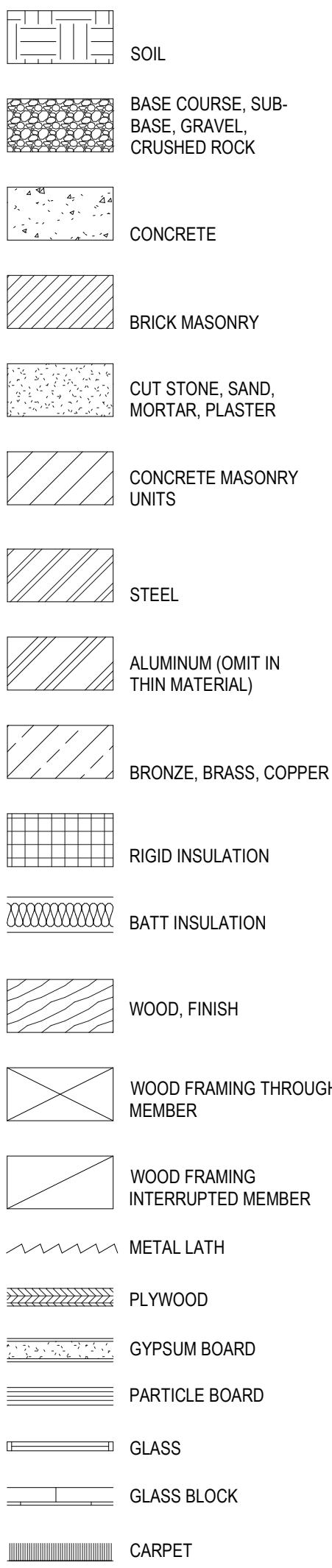
REVISION SCHEDULE
REV. # DESCRIPTION DATE

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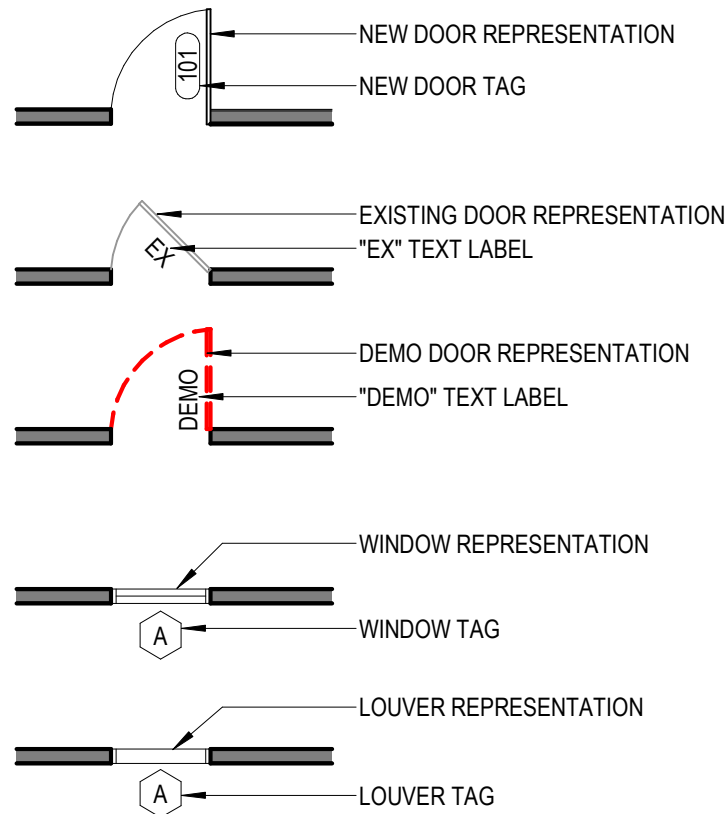
G001

ABBREVIATIONS							
& ∠ @ ¢ ∅ (E) # +/- PL SQ	AND ANGLE AT CENTERLINE DIAMETER/ROUND EXISTING POUND/NUMBER PLUS OR MINUS PROPERTY LINE SQUARE	F FA FAB FAM FB FCO FD FE FEC FFE FF&E	FLUSH DOOR FIRE ALARM FABRICATE FLUID APPLIED MEMBRANE FLAT BAR FLOOR CLEAN OUT FLOOR DRAIN FIRE EXTINGUISHER FIRE EXTINGUISHER FINISH FLOOR ELEVATION FURNITURE, FIXTURE & EQUIPMENT	N NIC NL NO NOM NS NTS	NORTH NOT IN CONTRACT NIGHT LIGHT NUMBER NOMINAL NO SCALE NOT TO SCALE	T TAG T/S TACKBD TB TD TEL TEMP TER TFMR THK THR TLT TO TOC TOP TOP OF FLOOR TOP OF PARAPET TOP OF PAVEMENT TPD TPH TOS TRAN TRANS TS TSCD	TREAD TONGUE AND GROOVE TUB/SHOWER TACKBOARD TOWEL BAR TRENCH DRAIN TELEPHONE TEMPERED/TEMPORARY TERRAZZO TRANSFORMER THICK/THICKNESS THRESHOLD TOILET TOP OF TOP OF CURB TOP OF FLOOR TOP OF PARAPET TOILET PAPER DISPENSER TOILET PAPER HOLDER TOP OF STEEL TRANSITION TRANSPARENT TUBE STEEL TOILET SEAT COVER DISPENSER TOWEL SHELF TELEVISION TYPICAL
A/C AB ABV ACT ADD ADJ ADJ ADJA AFF AFG AHU AL ALUM ALT ANG ANOD AP APPROX ARCH ASPH	AIR CONDITIONING ANCHOR BOLT ABOVE ACOUSTICAL CEILING TILE ADDENDUM ADJUSTABLE ADJACENT ABOVE FINISH FLOOR ABOVE FINISH GRADE AIR HANDLING UNIT ALUMINUM ALUMINUM ALTER OR ALTERNATE ANGLE ANODIZED ACCESS PANEL APPROXIMATE ARCHITECTURAL ASPHALT (PAVING)	FRP FFS FG FHC FIN FIXT FLASH FLDG FLG FLR FND FO FOC FOM FOS FOW FR FRG	FIBERGLASS REINFORCED BLOCK TREATED WOOD FREEZER FLOOR SINK/FULL SIZE FOOT/FEET FACIAL TISSUE DISPENSER FOOTING FURRING/FURRED FUTURE GAS (PIPE) GAGE GALLON GALVANIZED GENERATOR GROUND FAULT INTERCEPTOR GLASS FIBER REINFORCED CONCRETE GLASS GLUED LAMINATED WOOD GROUND GALLONS PER HOUR GYPSUM WALL BOARD GYPSUM	PL PLAM PLAS PLBG PLYWD PNL PR PREFAB PREP PROP PSF PT PTD PTDR	PLATE PLASTIC LAMINATE PLASTER PLUMBING PLYWOOD PANEL PAIR PREFABRICATED PREPARATION PROPERTY POUNDS PER SQUARE POINT PAPER TOWEL DISPENSER PAPER TOWEL DISPENSER & RECEPTACLE PARTITION PAPER TOWEL RECEPTACLE POLY VINYL CHLORIDE QUARRY TILE RISER RADIUS RESILIENT BASE ROBE HOOK REFLECTED CEILING PLAN ROOF DRAIN REINFORCING BAR REFERENCE/REFER REFLECTOR REFRIGERATOR REINFORCED/REINFORCING REQUIRED RESILIENT RESTROOM REVISED/REVISION	UC UL UNF UNO URNAL V VAL VAR VCT VERT VEST VOL VTR W WI W/O WC WD WDW WH WO WP WPM WS WR WRB WSCT WT WWF	UNDERCUT UNDERWRITERS LABORATORIES, INC. UNFINISHED UNLESS NOTED OTHERWISE URNAL VISION GLASS DOOR VALANCE VARIES VINYL COMPOSITION TILE VERTICAL VESTIBULE VOLUME VENT THROUGH ROOF WEST/WIDTH/WIDE/WASHER WITH WITHOUT WATER CLOSET WOOD WOOD PANELING WINDOW WATER HEATER WINDOW OPENING WATERPROOF WATERPROOF MEMBRANE WOOD SCREWS WATER RESISTANT WARDROBE WAINSCOT WEIGHT WELDED WIRE FABRIC
CAB CB C/CI CFM CG CHAN CIP CIRC CI CLNG CLO CLR CM CMU CNTR CO COL COMM CONC CONN CONSTR CONT CONTR COOR CORR CP CR CT CTR d D DBL DEPT DET DF DIA DIAG DIM DISP DN DO DR DS DW DWG DWR	CABINET CATCH BASIN CONTRACTOR FURNISHED CONTRACTOR INSTALLED CUBIC FEET PER MINUTE CORNER GUARD CHANNEL CAST-IN-PLACE CIRCULATING CONTROL JOINT CEILING CLOSET CLEAR CENTIMETER CONCRETE MASONRY UNIT COUNTER CLEANOUT/CASED OPENING /CONCRETE OPENING COLUMN COMMUNICATION CONCRETE CONNECTION CONSTRUCTION CONTINUOUS CONTRACTOR COORDINATE CORRIDOR CARPET CLOSET ROD CERAMIC TILE CENTER PENNY (NAILS) DEEP/DEPTH/DRYER DOUBLE ACTING DOUBLE DEPARTMENT DETAIL DRINKING FOUNTAIN DIAMETER DIAGONAL DIMENSION DISPENSER DOWN DOOR OPENING DOOR DOWNSPOUT DISHWASHER DRAWING DRAWER	G GA GAL GALV GB GEN GFI GLRC GL GLU/LAM GND GPH GWB GYP H HB HC HCP HD HDWD HDWR HG HM HORIZ HR HS HT HTR HVAC ID INCL INCLDING INSUL INT INV JAN JB JCT JST JT KD KG KIT KM K	GAS (PIPE) GAGE GALLON GALVANIZED GENERATOR GROUND FAULT INTERCEPTOR GLASS FIBER REINFORCED CONCRETE GLASS GLUED LAMINATED WOOD GROUND GALLONS PER HOUR GYPSUM WALL BOARD GYPSUM HEIGHT/HIGH HOSE BIB HOLLOW CORE HANDICAPPED HEAD HARDWOOD HARDWARE HALF GLASS DOOR HOLLOW METAL HORIZONTAL HOUR HAND SINK HEIGHT HEATER HEATING, VENTILATION AND AIR CONDITIONING INSIDE DIAMETER (DIMENSION) INCLUDED/INCLUSIVE/ INCLUDING INSULATION INTERIOR INVERT JANITOR JUNCTION BOX JOIST JOINT KNOCK DOWN KILOGRAM KITCHEN KILOMETER KNOCK-OUT	REBAR REF REFL REFR REIN REQ RESIL REST REV RF RFG RGR RLG RM RO RWR RWD RWL S SA SC SCHED SCP SCR SCWD SD SECT SF SHF SHR SHT SHTG SIM SL SLDG SLNT SM SMH SND SNR SP SPEC SPKR SPRKL SQ S SK S STL ST STA STD STL STOR STRUCT SURR SUSP SVC SW SYM SYS	REINFORCING BAR REFERENCE/REFER REFLECTOR REFRIGERATOR REINFORCED/REINFORCING REQUIRED RESILIENT RESTROOM REVISED/REVISION RESILIENT FLOORING ROOFING REGISTER RAILING ROOM ROUGH OPENING RECESSED WASTE RECEPTACLE REDWOOD RAIN WATER LEADER SOUTH SINGLE ACTING SOLID CORE SCHEDULE SCUPPER SHOWER CURTAIN ROD SOLID CORE WOOD DOOR SMOKE DETECTOR SECTION SQUARE FEET SHELF SHOWER SHEET SHEATHING SIMILAR SLOPE SLIDING SEALANT SQUARE METER SEWER MANHOLE SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SOLID PLASTIC SPECIFICATIONS SPEAKER SPRINKLER SQUARE SERVICE SINK STAINLESS STEEL STONE STATION STANDARD STEEL STORAGE STRUCTURE/STRUCTURAL SURROUND SUSPEND/SUSPENDED SERVICE SWITCH SYMMETRICAL SYSTEM		
E EA EF EFS EJ EL ELEC ELEV EMER ENCL EOS EP EQ EQPT EW EWC EXH EXP EXPO EXIST EXT	EAST EACH EXHAUST FAN EXTERIOR INSULATION & FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRICAL ELEVATOR EMERGENCY ENCLOSURE EDGE OF SLAB ELECTRICAL PANEL EQUAL EQUIPMENT EACH WAY ELECTRICAL WATER COOLER EXHAUST EXPANSION EXPOSED EXISTING EXTERIOR	L LAB LAM LAV LB LFR LOC LP LTG LVR MAT'L MAX MC MECH MEMB MTL MFR MH MIN MIR MISC MLDS MM MO MOD MR MTD MTG	LENGTH/LONG LABORATORY LAMINATE/LAMINATED LAVATORY POUND LINEAL FOOT LOCKER LOCATION LAMINATED PLASTIC LIGHTING LOUVER MATERIAL MAXIMUM MEDICINE CABINET MECHANICAL MEMBRANE METAL MANUFACTURER MANHOLE MINIMUM MIRROR MISCELLANEOUS MOULDING MILLIMETER MASONRY OPENING MODULAR MOISTURE RESISTANT MOUNTED MOUNTING	S SA SC SCHED SCP SCR SCWD SD SECT SF SHF SHR SHT SHTG SIM SL SLDG SLNT SM SMH SND SNR SP SPEC SPKR SPRKL SQ S SK S STL ST STA STD STL STOR STRUCT SURR SUSP SVC SW SYM SYS	SOUTH SINGLE ACTING SOLID CORE SCHEDULE SCUPPER SHOWER CURTAIN ROD SOLID CORE WOOD DOOR SMOKE DETECTOR SECTION SQUARE FEET SHELF SHOWER SHEET SHEATHING SIMILAR SLOPE SLIDING SEALANT SQUARE METER SEWER MANHOLE SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SOLID PLASTIC SPECIFICATIONS SPEAKER SPRINKLER SQUARE SERVICE SINK STAINLESS STEEL STONE STATION STANDARD STEEL STORAGE STRUCTURE/STRUCTURAL SURROUND SUSPEND/SUSPENDED SERVICE SWITCH SYMMETRICAL SYSTEM		

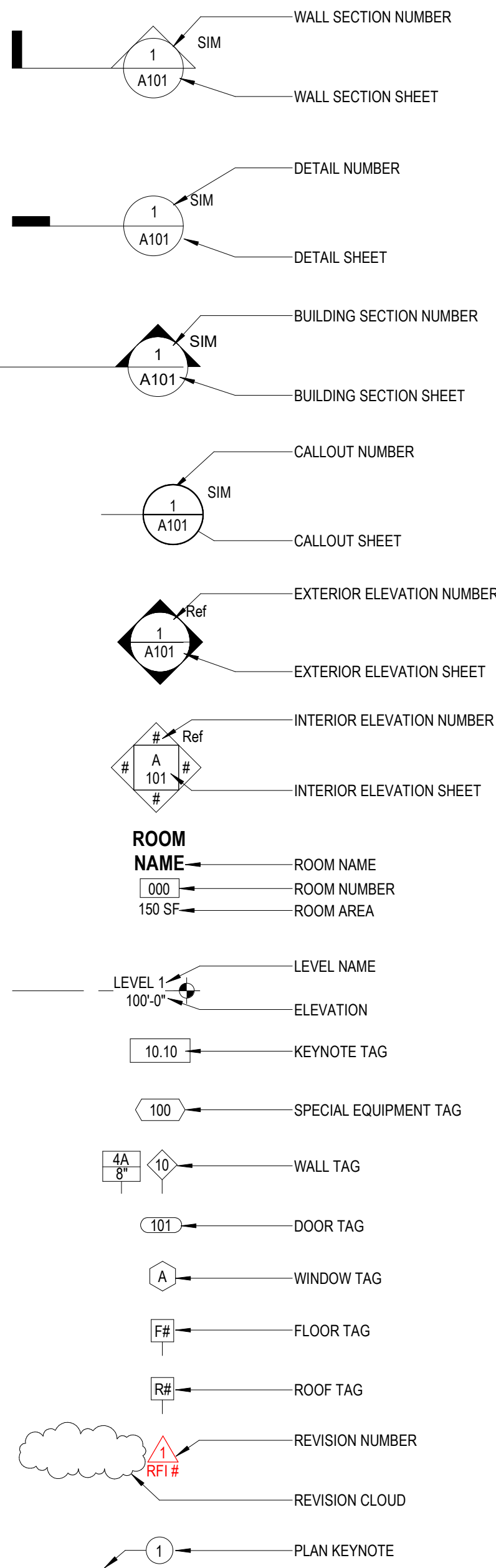
MATERIAL SYMBOLS



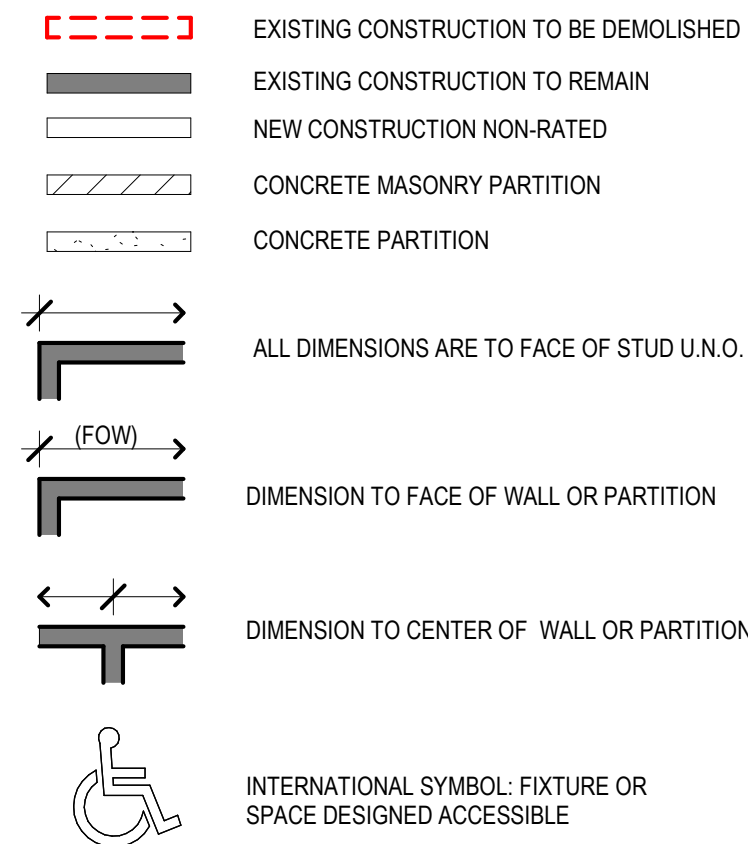
OPENING SYMBOLS



CALLOUT SYMBOLS



GENERAL SYMBOLS



GENERAL NOTES

ARCHITECTURE GENERAL NOTES:

- THESE DRAWINGS ARE LEGAL INSTRUMENTS OF SERVICE FOR THE USE OF THE OWNER AND ITS AUTHORIZED AGENTS AND VENDORS ON THE DESIGNATED PROJECT ONLY.
- GC RESPONSIBLE FOR KNOWLEDGE OF RELATIVE INFORMATION CONTAINED IN THESE DOCUMENTS AND THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED.
- CAREFULLY AND THOROUGHLY EXAMINE THE PROJECT SITE, FIELD VERIFY ALL CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS OF THE VARIOUS FEATURES OF THE SITE AND COMPARE DRAWINGS WITH THE EXISTING CONDITIONS. ANY DISCREPANCIES AND/OR CONDITIONS NEEDING CLARIFICATION SHALL BE REPORTED IN WRITING TO THE ARCHITECT BEFORE STARTING WORK.
- ALL CONSTRUCTION, FABRICATION AND INSTALLATION SHALL CONFORM TO THE LATEST LOCALLY ADOPTED EDITIONS OF ANY FEDERAL, STATE AND LOCAL CODES, REGULATIONS, STANDARDS AND ORDINANCES OF GOVERNING AGENCIES HAVING JURISDICTION. SUCH APPLICABLE CODES, ETC. ARE THOSE WHICH ARE IN EFFECT AT THE TIME THE PROJECT PERMIT APPLICATION IS RECORDED.
- ALL TRADES ARE CONSIDERED SPECIALISTS IN THEIR RESPECTIVE FIELD/TRADE AND SHALL, BEFORE SUBMISSION OF BID OR PERFORMANCE OF WORK, NOTIFY THE CONTRACTOR IN WRITING OF ANY WORK ON THE DRAWINGS OR IN THE SPECIFICATIONS WHICH CANNOT BE FULLY WARRANTED OR CONSTRUCTED AS DETAILED OR SPECIFIED. THE CONTRACTOR WILL NOTIFY THE ARCHITECT OF SUCH CONDITIONS IN WRITING.
- DUE TO REPRODUCTION PROCESSES, DRAWINGS MAY NOT BE ACCURATE TO SCALE. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN AND IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, ELEVATIONS OR DETAILS.
- THE STRUCTURAL AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. DISCREPANCIES BETWEEN THE VARIOUS DRAWINGS SHALL BE REPORTED BY THE CONTRACTOR TO THE ARCHITECT IN WRITING.
- BEFORE STARTING WORK, COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR INSTALLATION OF EQUIPMENT INDICATED N.I.C. ON DRAWINGS. VERIFY EQUIPMENT LOCATIONS WITH THE OWNER'S REPRESENTATIVE. VERIFY DIMENSIONS, UTILITIES, ETC. WITH EQUIPMENT MANUFACTURERS. DISCREPANCIES BETWEEN THE VARIOUS DRAWINGS SHALL BE REPORTED BY THE CONTRACTOR TO THE ARCHITECT IN WRITING.
- WHERE DETAILS ARE NOT SHOWN OR NOTED, GC IS TO PROVIDE A WRITTEN REQUEST FOR INFORMATION TO CLARIFY SPECIFIC DETAIL CONDITIONS.
- ALL INDICATED EXISTING UTILITIES OR STRUCTURES ARE BASED ON INFORMATION OF RECORD. TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES NOT OF RECORD OR NOT SHOWN. BE RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MAY OCCUR DUE TO FAILURE TO LOCATE AND PROTECT ALL CONCEALED UTILITIES.
- COMPLY WITH ALL JURISDICTIONAL AGENCY REQUIREMENTS AND REGULATIONS. PERFORM ALL WORK ON THIS PROJECT IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS 29 CFR 1910 AND 1926 OF THE U.S. DEPARTMENT OF LABOR AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES.
- FINAL CONNECTIONS TO EQUIPMENT SHALL BE AS PER MANUFACTURER'S WIRING DIAGRAMS, DETAILS AND INSTRUCTIONS. BE RESPONSIBLE TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
- PROVIDE PERMITS AND INSPECTIONS REQUIRED BY JURISDICTIONAL AGENCIES.
- PROVIDE SET OF RECORD DRAWINGS TO ARCHITECT. DRAWINGS SHALL INCLUDE ALL ADDENDUM ITEMS, CHANGE ORDERS, ALTERATIONS, REROUTINGS, ETC.
- SERVICE SHALL BE MAINTAINED TO EXISTING AREAS DURING CONSTRUCTION. PROVIDE PORTABLE GENERATORS, CABLES, OUTLETS ETC., TO MAINTAIN CONTINUITY OF SERVICE PLACEMENT OF SUCH PORTABLE EQUIPMENT SHALL BE SUBJECT TO OWNER APPROVAL. COORDINATE CONSTRUCTION PHASING WITH THE OWNER. TEMPORARY PARTITIONS, LOCATIONS & CONSTRUCTION DETAILS IN PUBLIC SPACES SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
- PATCH AND MATCH ALL NEW WORK W/ EXISTING WHERE NEW TO EXISTING INTERFACE OCCURS.
- SUBMIT SAMPLES OF ALL EXPOSED PRODUCTS, MATERIALS, PAINTING SYSTEMS, ETC. FOR ARCHITECT'S REVIEW, COLOR SELECTION OR COLOR VERIFICATION PRIOR TO ORDERING ITEMS.
- SEAL ALL DUCTS, LOUVERS, VENTS, OPENINGS AND CEILING SPACES BETWEEN CONSTRUCTION AREA AND REMAINDER OF SHELLED SPACES TO PREVENT DUST, DIRT, CONTAMINATION OR DEBRIS FROM ENTERING.
- DO NOT ALLOW DIRT, DEBRIS OR DISCARDED MATERIALS TO ACCUMULATE ON SITE. REMOVE PROMPTLY EACH DAY.
- VERIFY SERVICES TO BE ABANDONED, REMOVED OR CUT HAVE BEEN PROPERLY AND SAFELY SHUT OFF, CAPPED OR SEALED.
- KEEP NOISE AND VIBRATION PRODUCING ACTIVITIES AT A MINIMUM WHEN WORKING WITHIN OR ON THE EXISTING BUILDING. APPROPRIATE TIMES OF SUCH ACTIVITIES SHALL BE COORDINATED WITH OWNER IN WRITING AT BEGINNING OF PROJECT.
- IN THE EVENT THAT NOISE AND VIBRATION PRODUCING ACTIVITIES WILL OCCUR DURING TIMES OTHER THAN THOSE NOTED ABOVE, OBTAIN PERMISSION FROM THE OWNER IN WRITING A MINIMUM OF 72 HOURS PRIOR TO COMMENCEMENT OF ACTIVITIES.
- KEEP UTILITY AND SERVICE OUTAGES TO A MINIMUM. MAKE WRITTEN OUTAGE REQUESTS AT LEAST FIVE DAYS BEFORE DATE OF PROPOSED OUTAGE. STATE IN THE REQUEST HOURS OF OUTAGE. CONFIRM DATE 48 HOURS IN ADVANCE OF STARTING DATE.
- ASSIGN THE WORK OF MOVING, REMOVAL, CUTTING, PATCHING AND REPAIR TO TRADES UNDER CONTRACTOR SUPERVISION TO CAUSE THE LEAST DAMAGE TO EACH TYPE OF WORK ENCOUNTERED.
- PATCHING OF FINISH MATERIALS TO MECHANICS SKILLED IN THE WORK OF THE FINISH TRADE INVOLVED.
- PROTECT REMAINING FINISHES, EQUIPMENT AND ADJACENT WORK FROM DAMAGE CAUSED BY CUTTING, MOVING AND REMOVAL AND PATCHING OPERATIONS. PROTECT SURFACES WHICH WILL REMAIN A PART OF THE FINISHED WORK.
- PROTECT EXISTING AND NEW WORK FROM WEATHER DURING CUTTING, MOVING, REMOVAL CONSTR. PROVIDE WEATHER PROTECTION AND OTHER FACILITIES AND PROTECTION AS NEEDED TO PREVENT DAMAGE TO NEW WORK AND TO REMAINING OLD WORK.
- PROVIDE ADEQUATE SUPPORT OR SUBSTRATE FOR PATCHING FINISHES.
- USE OF HAZARDOUS MATERIALS SHALL CONFORM WITH 29 CFR 1910.120 AND 1926.65 OF THE OSHA CODE.
- REMOVAL OF HAZARDOUS WASTE SHALL COMPLY WITH CURRENT FEDERAL, STATE AND LOCAL REGULATIONS, STANDARDS, LAWS AND REQUIREMENTS.
- THE ELECTRONIC FIRE PROTECTION CONTRACTOR SHALL PROVIDE TO THE ARCHITECT, THROUGH NORMAL SUBMITTAL PROCESS, PLANS SHOWING THE SIZE, LOCATION, MOUNTING HEIGHTS, AND FINISH OF ALL STROBES, SPEAKERS, AND SPEAKER STROBES AS WELL AS SHOWING ALL CONDUIT RUNS, CONDUIT SIZES, AND POINTS OF CONNECTION FOR ARCHITECT'S REVIEW AND APPROVAL. DO NOT SUBMIT DRAWINGS TO ANY JURISDICTION PRIOR TO GAINING THIS REVIEW AND APPROVAL.



Project Owner
Farmington Municipal Schools
3401 E. 30th Street
Farmington, New Mexico 87402

FARMINGTON MUNICIPAL SCHOOLS
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Checked By
Drawn By

Project Status
100% ISSUE FOR PERMIT

Issue Date
06-12-2026

REVISION SCHEDULE
REV. # DESCRIPTION DATE

GENERAL INFORMATION
AND ABBREVIATIONS

PROJECT SUMMARY

BUILDING DATA
GROSS BUILDING AREA: 852 SF

APPLICABLE CODES
AUTHORITY HAVING JURISDICTION (AHJ): STATE OF NEW MEXICO CID
2021 NM COMMERCIAL BUILDING CODE NMAC 14.7.2 (2021 IBC AS AMENDED)
2021 NM PLUMBING CODE NMAC 14.8.2 (2021 IPC AS AMENDED)
2021 NM MECHANICAL CODE NMAC 14.9.2 (2021 IMC AS AMENDED)
2021 INTERNATIONAL FUEL GAS CODE (IFGC)
2020 NM ELECTRICAL CODE NMAC 14.10.4 (2020 NEC AS AMENDED)
2021 NM FIRE CODE NMFC 10.25.5 (2021 IFC AS AMENDED)
ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

AMENDMENTS PER STATE OF NEW MEXICO

OCCUPANTS
36 OCCUPANTS TOTAL

BUILDING CLASSIFICATION

TYPE OF CONSTRUCTION	VB
OCCUPANCY CLASSIFICATION	E
AUTOMATIC FIRE SPRINKLERS	NOT REQUIRED
SEISMIC DESIGN CATEGORY	B
SEISMIC RISK CATEGORY	II

- 2021 INTERNATIONAL BUILDING CODE -

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION

303.1.2 SMALL ASSEMBLY SPACES - ASSEMBLY SPACES WITH AN OCCUPANCY LOAD LESS THAN 50 OR LESS THAN 750 SF SHALL BE CLASSIFIED AS GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY; E - EDUCATION/CEREMONIAL

303.1.3 ASSOCIATED WITH GROUP E OCCUPANCIES - A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS ASSOCIATED WITH A GROUP E OCCUPANCY IS NOT CONSIDERED A SEPARATE OCCUPANCY.

305.1 EDUCATIONAL GROUP E - EDUCATIONAL GROUP E OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR EDUCATIONAL PURPOSES THROUGH THE 12TH GRADE.

CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS

BUILDING HEIGHT & AREA (Tables 504.3, 504.4, 506.2)

UNIT	E - VB MAX. ALLOWED	ACTUAL
HEIGHT:	40 (NS)	15'-11"
STORIES:	1 (NS)	1
AREA:	9,500 SF (NS)	852 GROSS SF

CHAPTER 6: TYPES OF CONSTRUCTION

NS = Buildings not equipped with automatic sprinkler system

BUILDING FIRE-RESISTANCE (Table 601)

Building Element	Fire-Resistive Rating
Type of Construction	VB
Structural Frame	0 Hours
Bearing Wall Exterior	0 Hours

CHAPTER 7: FIRE AND SMOKE PROTECTION

SECTION 718 CONCEALED SPACES

718.2 FIREBLOCKING - INSTALLED TO RESIST PASSAGE OF FLAMES WITHIN OPEN SPACES OF CONCEALED AREAS IN COMBUSTIBLE CONSTRUCTION.

718.2.2 CONCEALED WALL SPACES - PROVIDE FIREBLOCKING IN CONCEALED SPACES OF STUD WALLS, FURRED SPACES, PARALLEL ROWS OF STUDS OR STAGGERED STUDS:
1. VERTICALLY AT THE CEILING AND FLOOR LEVELS.
2. HORIZONTALLY AT INTERVALS $\leq$ 10 FEET.

718.2.3 CONNECTIONS BETWEEN HORIZONTAL AND VERTICAL SPACES PROVIDE FIREBLOCKING BETWEEN VERTICAL STUD WALLS AND CONCEALED HORIZONTAL SPACES CREATED BY FLOOR JOISTS OR TRUSSES, AND SOFFITS, DROP CEILINGS, ETC.

718.2.5 CEILING AND FLOOR OPENINGS - FIREBLOCKING REQUIRED AT ANNULAR SPACES AROUND VENTS, PIPES, DUCTS AT CEILING AND FLOOR LEVELS.

718.2.6 EXTERIOR WALL COVERINGS - FIREBLOCKING REQUIRED AT CONCEALED SPACES WITHIN EXTERIOR WALLS (SIDING AND COMBUSTIBLE FRAMING) AT MAX INTERVALS OF 20 FEET IN ANY DIRECTION SO NO CONCEALED SPACES EXCEED 100 SQUARE FEET BETWEEN FIREBLOCKING.

EXCEPTIONS:

- NOT REQUIRED WHERE EXTERIOR WALL COVERING INSTALLED ON NONCOMBUSTIBLE FRAMING, AND THE FACE OF THE WALL COVERING EXPOSED TO THE CONCEALED SPACE IS COVERED BY: ALUMINUM MIN 0.019 INCH THICK, CORROSION-RESISTANT STEEL MIN 0.016 INCH THICK, OR OTHER APPROVED NONCOMBUSTIBLE MATERIALS.
- NOT REQUIRED WHERE EXTERIOR WALL COVERING HAS BEEN TESTED PER NFPA 285.

CHAPTER 8: FIRE PROTECTION SYSTEMS

SECTION 802 GENERAL

802.1 INTERIOR WALL AND CEILING FINISH - THE PROVISIONS OF SECTION 803 SHALL LIMIT THE ALLOWABLE FIRE PERFORMANCE AND SMOKE DEVELOPMENT OF INTERIOR WALL AND CEILING FINISH MATERIALS BASED ON OCCUPANCY CLASSIFICATION.

SECTION 803 WALL AND CEILING FINISHES

803.1.1.1 ACCEPTANCE CRITERIA FOR NFPA 286 - THE INTERIOR FINISH SHALL COMPLY WITH THE FOLLOWING:
1. DURING THE 40 KW EXPOSURE, FLAMES SHALL NOT SPREAD TO THE CEILING.
2. THE FLAME SHALL NOT SPREAD TO THE OUTER EXTREMITY OF THE SAMPLE ON ANY WALL OR CEILING.
3. FLASHOVER, AS DEFINED IN NFPA 286, SHALL NOT OCCUR.
4. THE PEAK HEAT RELEASE RATE THROUGHOUT THE TEST SHALL NOT EXCEED 800 KW.
5. THE TOTAL SMOKE RELEASED THROUGHOUT THE TEST SHALL NOT EXCEED 1,000 M2.

803.1.2 INTERIOR WALL AND CEILING FINISH MATERIALS TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723 - INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDICES:
CLASS A = FLAME SPREAD INDEX 0-25; SMOKE-DEVELOPED INDEX 0-450.
CLASS B = FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450.
CLASS C = FLAME SPREAD INDEX 76-200; SMOKE-DEVELOPED INDEX 0-450.

803.5 TEXTILE WALL COVERINGS - WHERE USED AS INTERIOR WALL FINISH MATERIALS, TEXTILE WALL COVERINGS, INCLUDING MATERIALS HAVING WOVEN OR NONWOVEN, NAPPED, TUFTED, LOOPED OR SIMILAR SURFACE AND CARPET AND SIMILAR TEXTILE MATERIALS, SHALL BE TESTED IN THE MANNER INTENDED FOR USE, USING THE PRODUCT-MOUNTING SYSTEM, INCLUDING ADHESIVE, AND SHALL COMPLY WITH THE REQUIREMENTS OF ONE OF THE FOLLOWING: SECTION 803.1.1, 803.5.1 OR 803.5.2.

803.5.1.1 ACCEPTANCE CRITERIA FOR NFPA 265 - THE INTERIOR FINISH SHALL COMPLY WITH THE FOLLOWING:
1. DURING THE 40 KW EXPOSURE, FLAMES SHALL NOT SPREAD TO THE CEILING.
2. THE FLAME SHALL NOT SPREAD TO THE OUTER EXTREMITIES OF THE SAMPLES ON THE 8-FOOT BY 12-FOOT (203 BY 305 MM) WALLS.
3. FLASHOVER, AS DEFINED IN NFPA 265, SHALL NOT OCCUR.
4. THE TOTAL SMOKE RELEASE THROUGHOUT THE TEST SHALL NOT EXCEED 1,000 M2.

TABLE 803.13 INTERIOR WALL AND CEILING FINISH REQUIREMENTS

OCCUPANCY	ROOMS AND ENCLOSED SPACES
E	C

CHAPTER 9: FIRE PROTECTION SYSTEMS

SECTION 906 PORTABLE FIRE EXTINGUISHERS

906.1 WHERE REQUIRED - IN E OCCUPANCY
• MAX FLOOR AREA PER EXTINGUISHER: 11,250 SF
• MAX DISTANCE OF TRAVEL TO EXTINGUISHER: 75 FT

SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

907.2.3 GROUP E - A MANUAL FIRE ALARM IS NOT REQUIRED IN OCCUPANT LOAD LESS THAN 50.

CHAPTER 10: MEANS OF EGRESS

SECTION 1002 MAINTENANCE AND PLANS

1002.1 - EGRESS SHALL BE MAINTAINED IN ACCORDANCE WITH THE IFC.
1002.2 - FIRE SAFETY AND EVACUATION PLANS WHERE REQUIRED BY THE IFC.
1003.2 - CEILING HEIGHT: MINIMUM CEILING HEIGHT 7 FT 6 INCHES.
1003.5 - ELEVATION CHANGE (IN THE MEANS OF EGRESS)
1. CHANGES IN ELEVATION $<$ 12 INCHES, USE SLOPED SURFACES.
2. WHERE SLOPE $>$ 1:20 (5%) RAMPS PER 1012 TO BE USED.
3. WHERE DIFFERENCE IN ELEVATION 6" OR LESS, RAMP WITH HANDRAILS OR CONTRASTING FLOOR FINISH TO BE USED.

SECTION 1004 OCCUPANT LOAD

1004.9 POSTING OF OCCUPANT LOAD - ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT.

SECTION 1005 MEANS OF EGRESS SIZING

1005.3.2 OTHER EGRESS COMPONENTS - MULTIPLY OCCUPANT LOAD BY A FACTOR OF 0.2 INCHES PER OCCUPANT.

SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

1006.2.1 COMMON PATH OF TRAVEL - EGRESS BASED ON OCCUPANT LOAD AND COMMON PATH OF EGRESS TRAVEL DISTANCE. TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHERE THE DESIGN OCCUPANT LOAD OR THE COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN TABLE 1006.2.1.

TABLE 1006.2.1 SPACES WITH ONE EXIT (WITHOUT SPRINKLER SYSTEM)

OCCUPANCY	MAX OCCUPANT	OL $\geq$ 30
E	49	75

SECTION 1010 DOORS

TABLE 1010.1.1 - SIZE OF DOORS - CLEAR OPENING WIDTH OF 32" WITH THE DOOR OPEN 90 DEGREES.

SECTION 1017 EXIT TRAVEL DISTANCE

TABLE 1017.2 - EXIT ACCESS TRAVEL DISTANCE W/O SPRINKLER SYSTEM
• E = 200 FT

CHAPTER 11: ACCESSIBILITY

1104.2 WITHIN A SITE - AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, FACILITIES, AND SPACES ON THE SAME SITE.

SECTION 1106 PARKING AND PASSENGER LOADING

TABLE 1106.2 ACCESSIBLE PARKING SPACES

TOTAL PARKING SPACES	REQUIRED ACCESSIBLE SPACES
1 to 25	1
26 to 50	2

1106.6 VAN SPACES - FOR EVERY SIX ACCESSIBLE PARKING SPACES, AT LEAST ONE SHALL BE A VAN-ACCESSIBLE PARKING SPACE.

1106.9 PASSENGER LOADING ZONES - PASSENGER LOADING ZONES SHALL BE ACCESSIBLE.

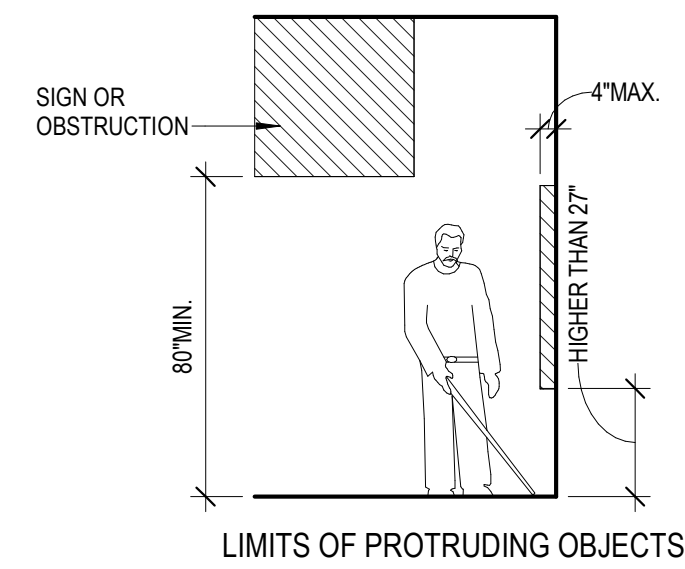
1202.5.1 VENTILATION AREA REQUIRED - THE OPENABLE AREA OF THE OPENINGS TO THE OUTDOORS SHALL NOT BE LESS THAN 4 PERCENT OF THE FLOOR AREA BEING VENTED.
NET FLOOR AREA: 721SF x 4%: **28.8 SF REQUIRED**
ACTUAL VENTILATION AREA: 53.0 SF

1204.2 NATURAL LIGHT - THE MINIMUM NET GLAZED AREA SHALL BE NOT LESS THAN 8 PERCENT OF THE FLOOR AREA OF THE ROOM SERVED.
NET FLOOR AREA: 721SF x 8%: **57.7 SF REQUIRED**
ACTUAL LIGHTING AREA: 66.0 SF

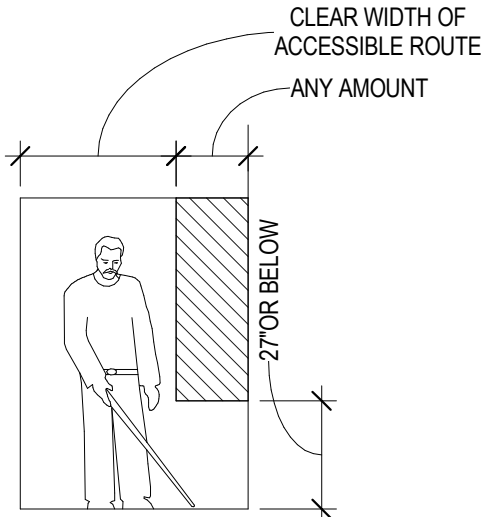
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE -

SAN JUAN COUNTY - CLIMATE ZONE: 5B

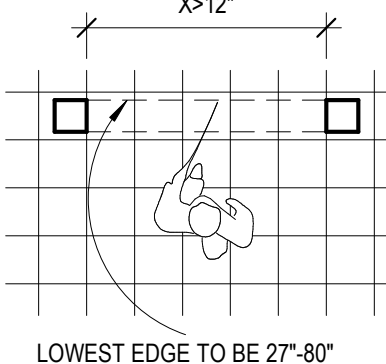
C402.1.1 LOW-ENERGY BUILDINGS AND GREENHOUSES - LOW-ENERGY BUILDINGS SHALL BE EXEMPT FROM THE BUILDING THERMAL ENVELOPE PROVISIONS OF SECTION C402.
1. THOSE WITH A PEAK DESIGN RATE OF ENERGY USAGE LESS THAN 3.4 BTU/H X FT2 (10.7 W/M2) OR 1.0 WATT PER SQUARE FOOT (10.7 W/M2) OF FLOOR AREA FOR SPACE CONDITIONING PURPOSES.



LIMITS OF PROTRUDING OBJECTS

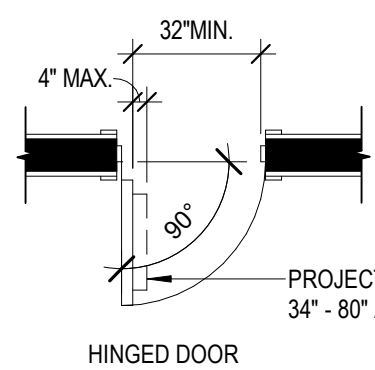


WALKING PARALLEL TO A WALL



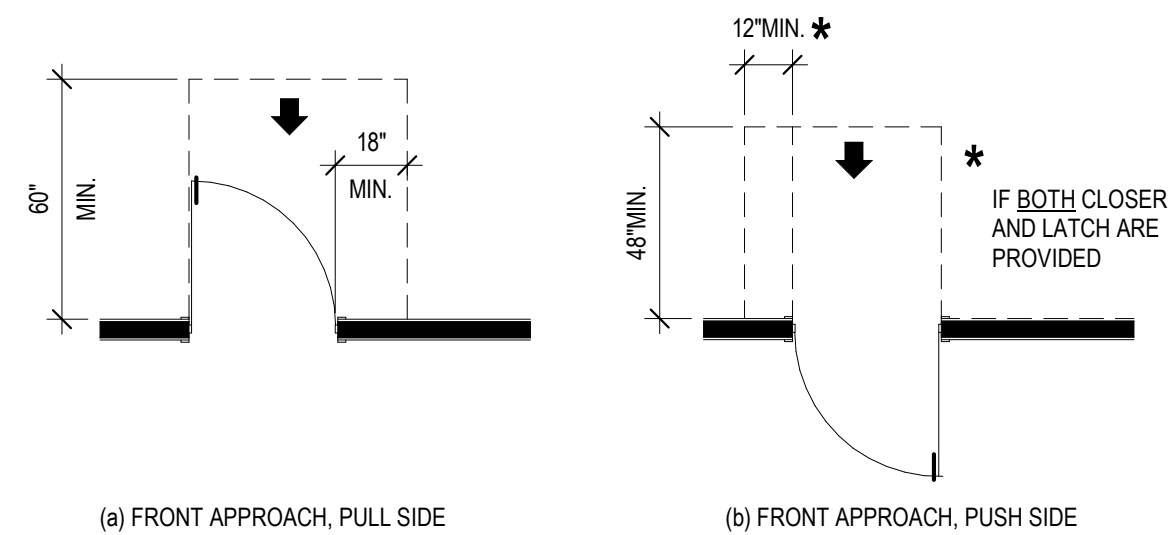
LOWEST EDGE TO BE 27"-30"

2 PROTRUDING OBJECTS
1/4" = 1'-0"



HINGED DOOR

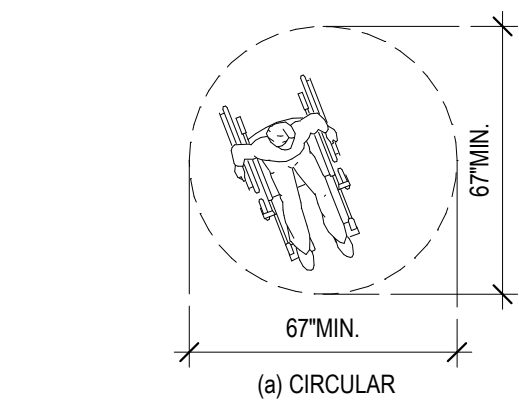
3 CLEAR WIDTH OF DOORWAYS
1/4" = 1'-0"



(a) FRONT APPROACH, PULL SIDE

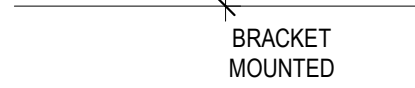
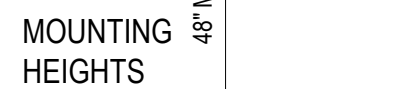
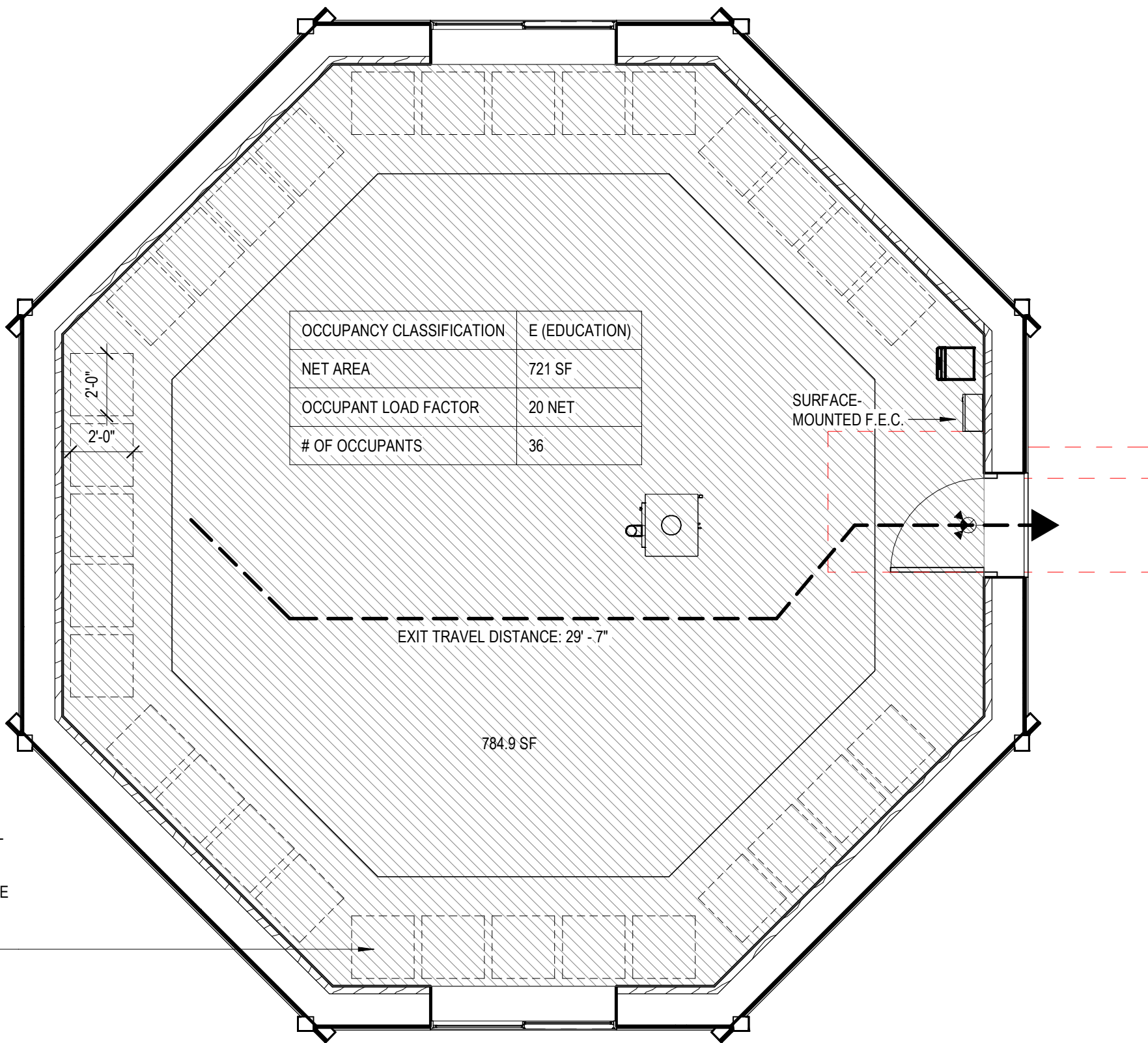
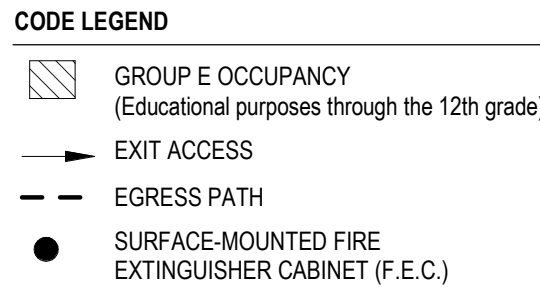
(b) FRONT APPROACH, PUSH SIDE

5 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS
1/4" = 1'-0"



(a) CIRCULAR

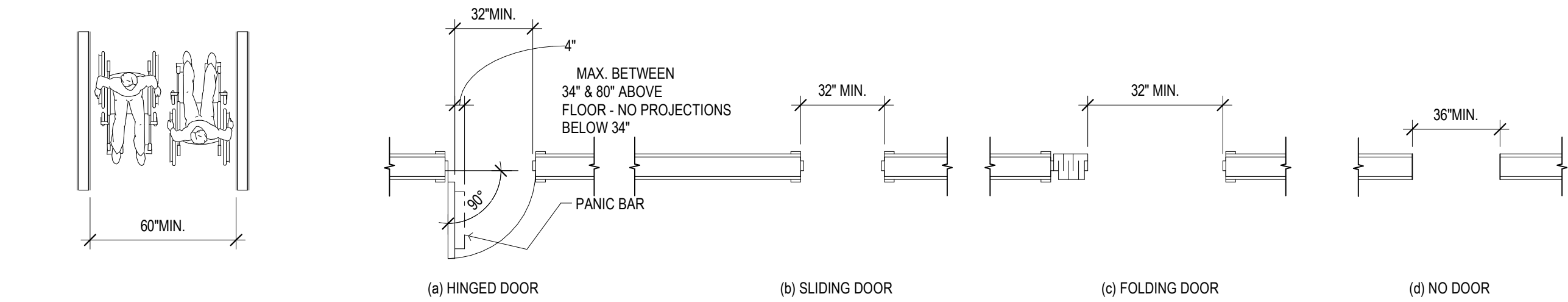
6 SIZE OF TURNING SPACE
1/4" = 1'-0"



TYPICAL PLAN SYMBOLS AND MOUNTING HEIGHTS LEGEND
1/4" = 1'-0"

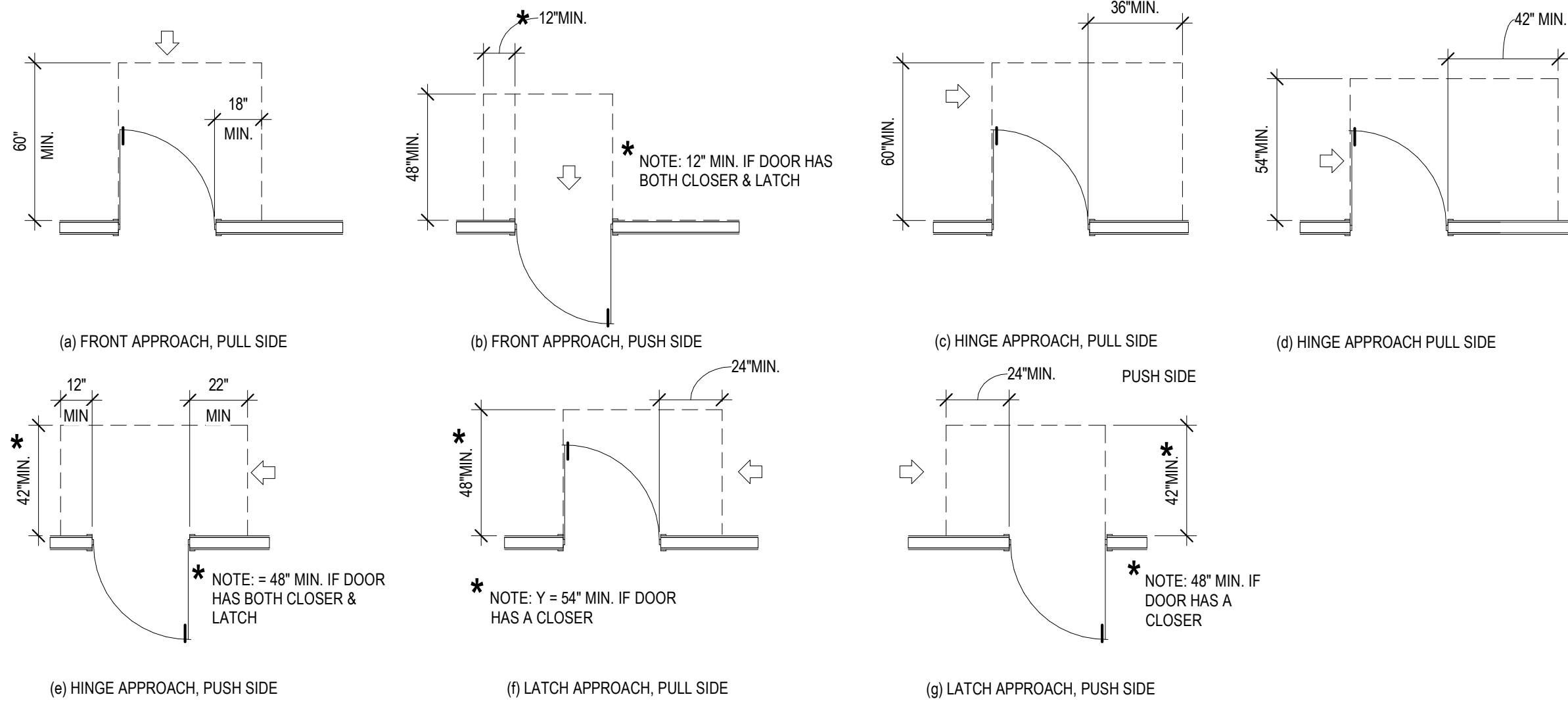
Project Owner

Farmington Municipal Schools
3401 E. 30th Street
Farmington, New Mexico 87402

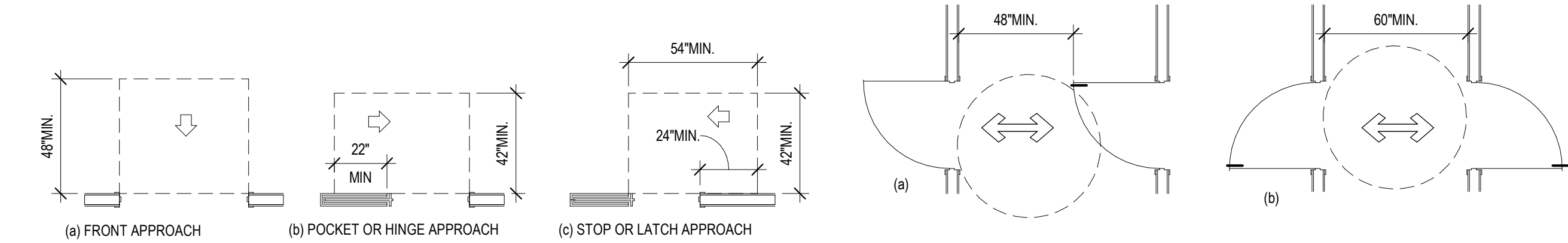


MINIMUM CLEAR WIDTH FOR TWO WHEELCHAIRS

CLEAR WIDTH OF DOORWAYS



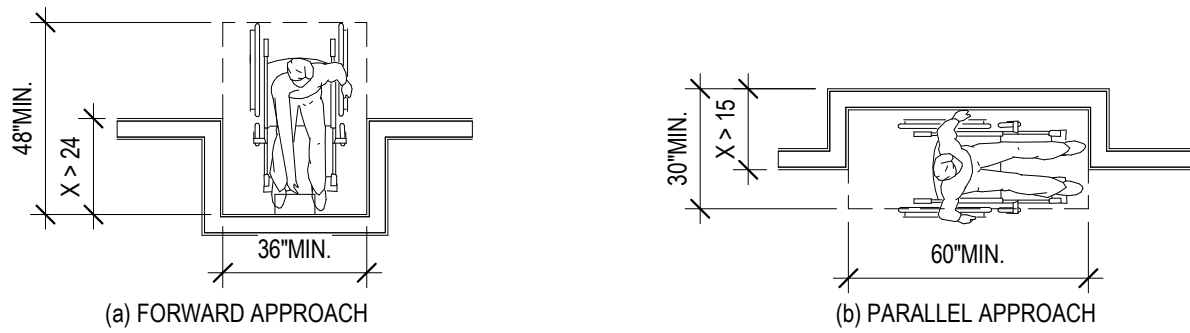
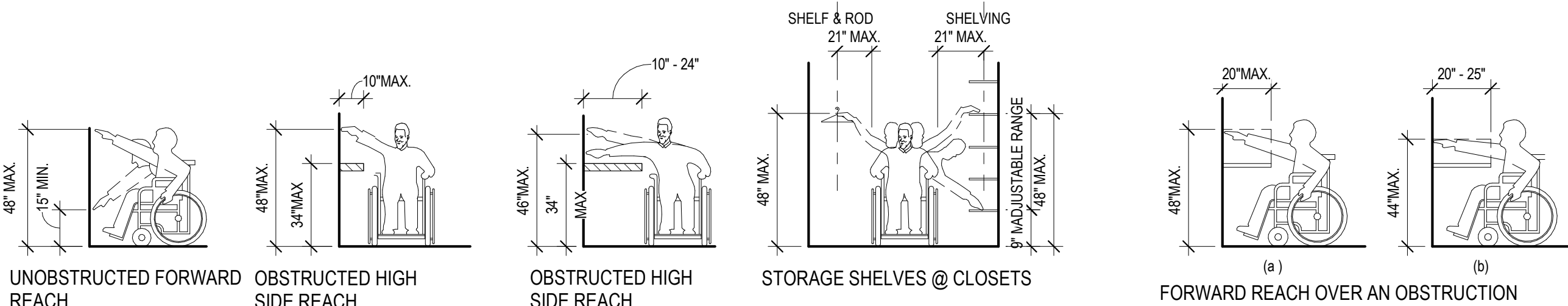
MANEUVERING CLEARANCE AT SWINGING DOORS



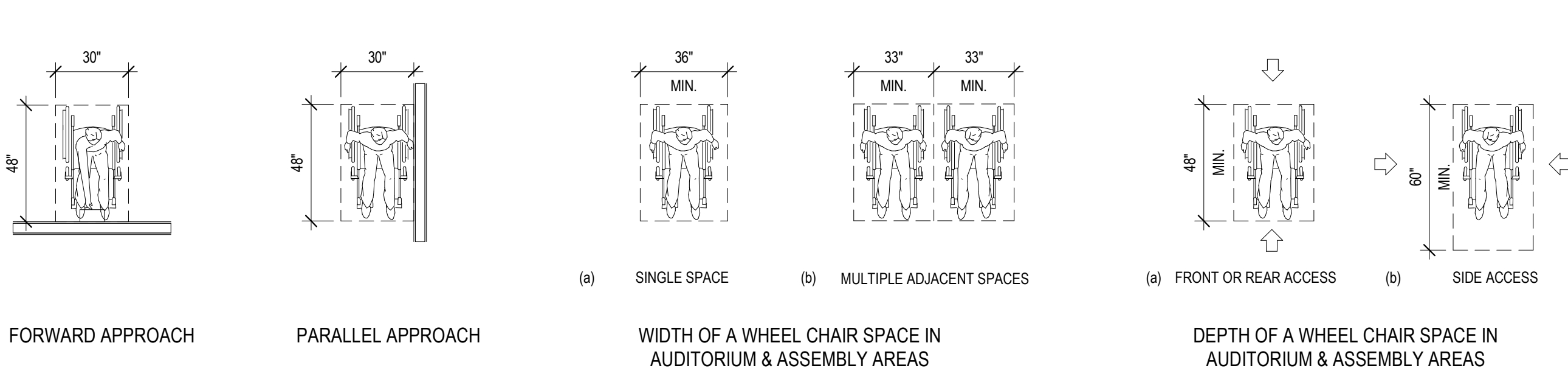
MANEUVERING CLEARANCE AT SLIDING AND SWINGING DOORS

TWO DOORS IN SERIES

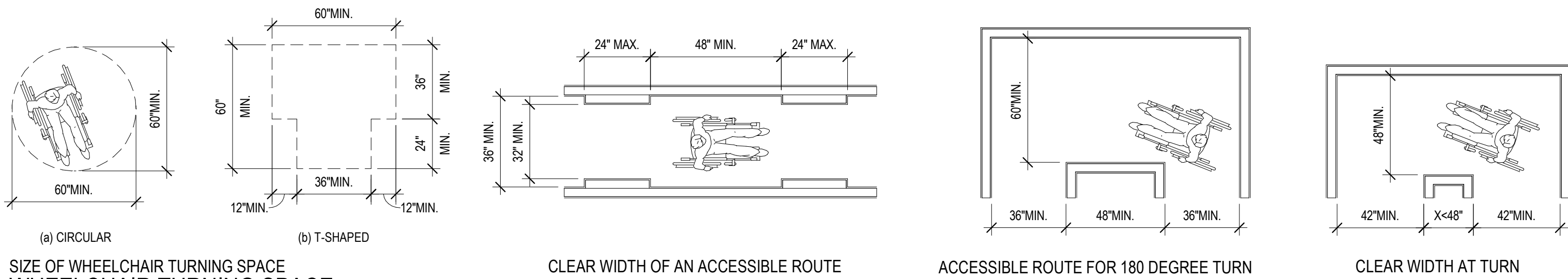
MANEUVERING CLEARANCES



ACCESSIBLE REACH REQUIREMENTS



WHEELCHAIR SPACE REQUIREMENTS

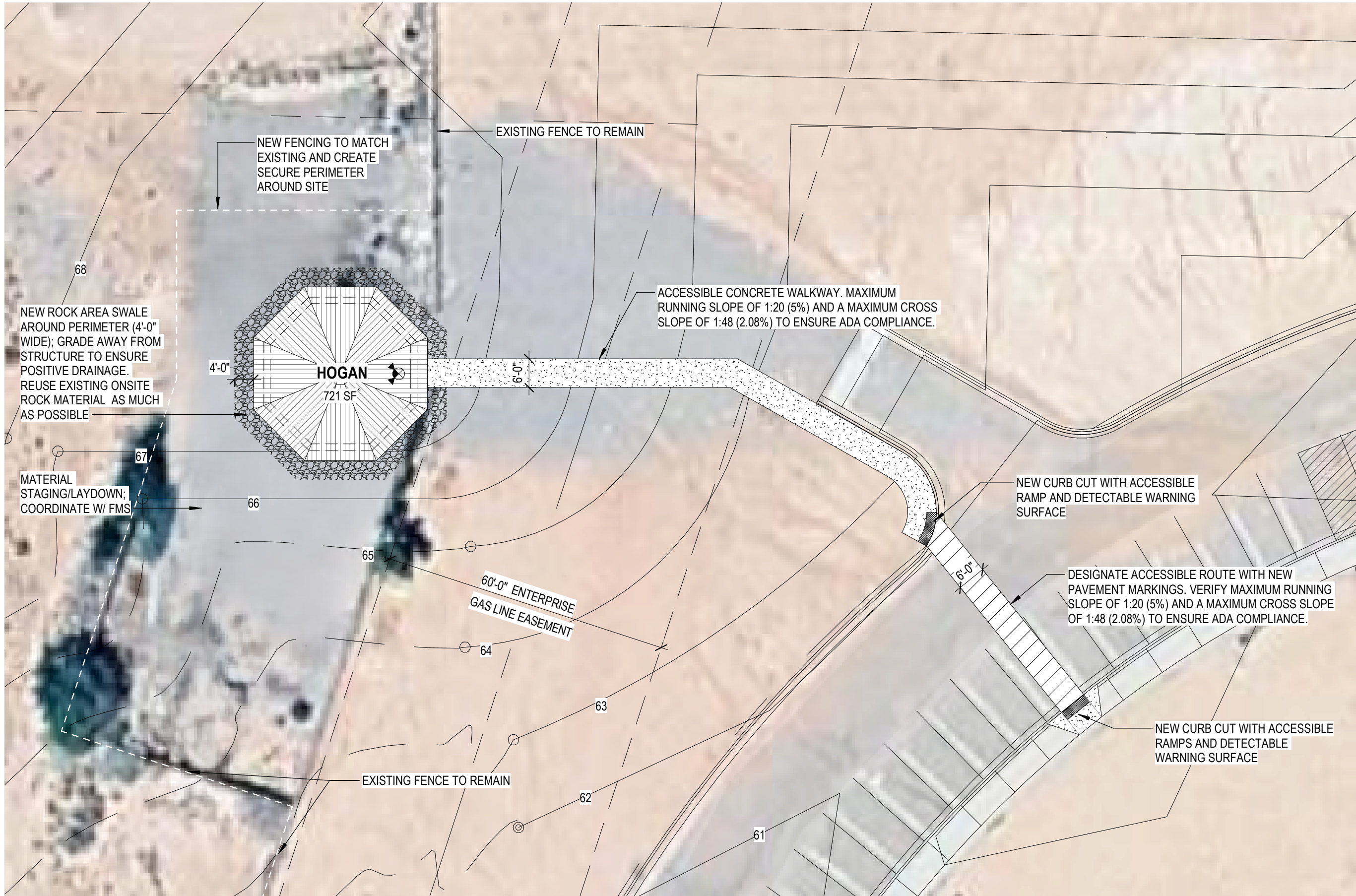


SIZE OF WHEELCHAIR TURNING SPACE

WHEELCHAIR TURNING SPACE REQUIREMENTS



1 SITE PLAN DEMO
1" = 20'-0"



2 SITE PLAN
1" = 20'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 6/12/2026 1:08:15 PM



Project Owner
Farmington Municipal Schools
3401 E. 30th Street
Farmington, New Mexico 87402

FARMINGTON MUNICIPAL SCHOOLS
CULTURAL HOGAN
Tibbets Middle School
3500 Twin Peaks Blvd
Farmington, NM 87401

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SEH Project 191073 AGSOL
Checked By JH
Drawn By AM

Project Status Issue Date
100% ISSUE FOR PERMIT 06-12-2026

REVISION SCHEDULE		
REV. #	DESCRIPTION	DATE

ARCHITECTURAL SITE PLAN



A051



FARMINGTON MUNICIPAL SCHOOLS
CULTURAL HOGAN

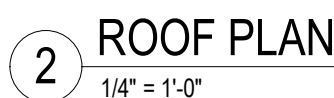
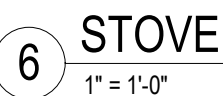
Tibbetts Middle School
3500 Twin Peaks Blvd.
Farmington, NM 87401

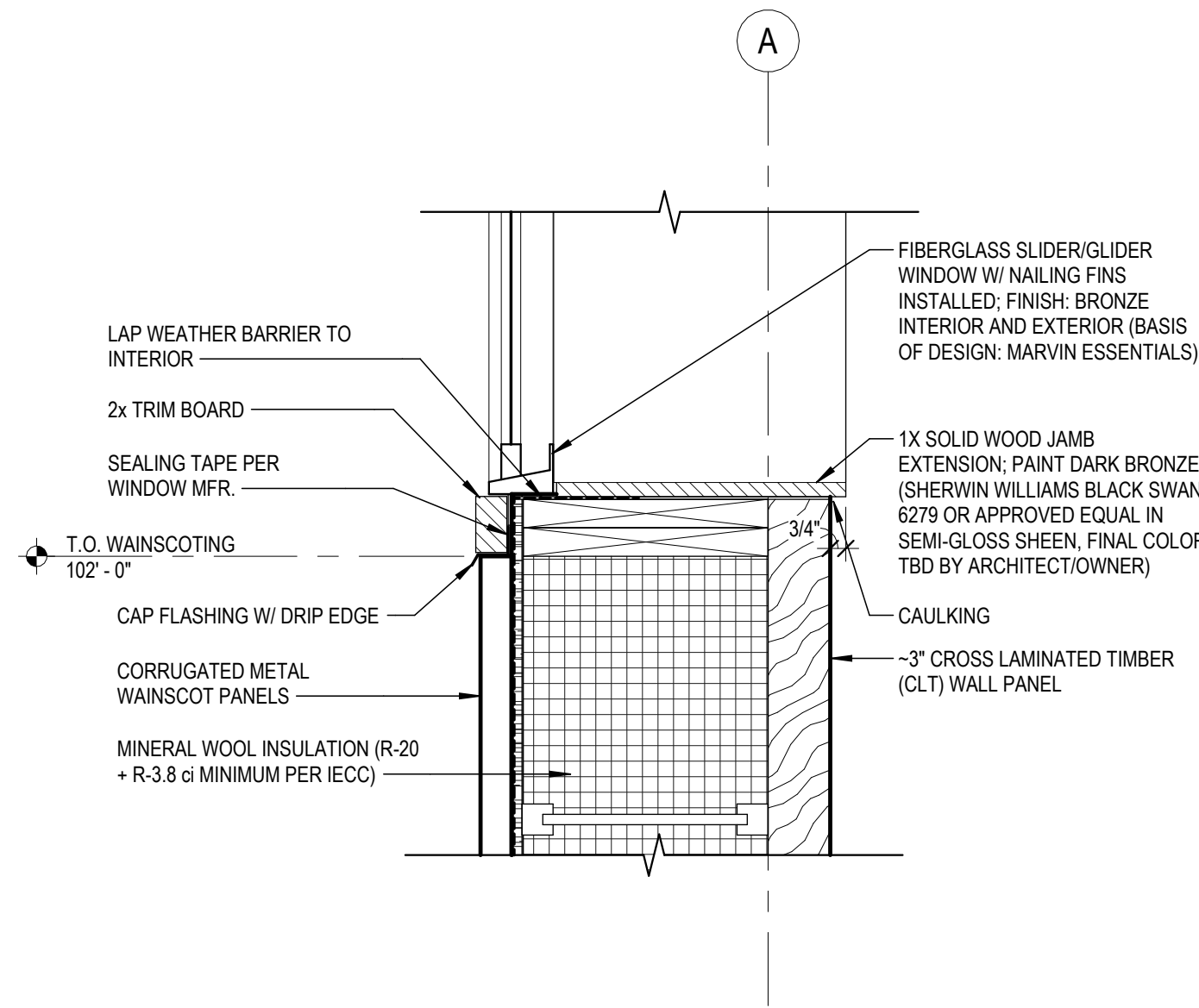
SEH Project 191073
Checked By
Drawn By

REVISION SCHEDULE		
REV. #	DESCRIPTION	DATE

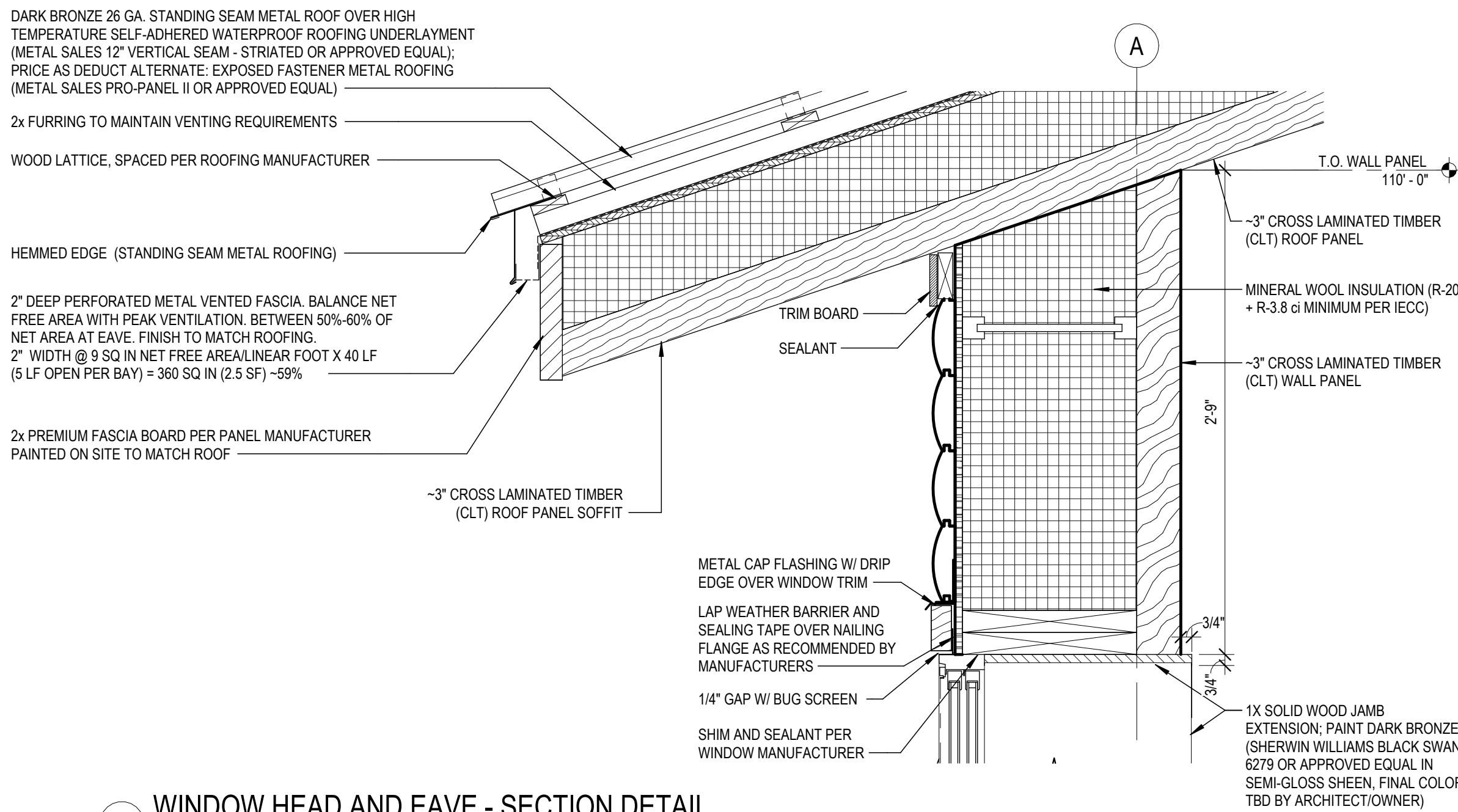
PLANS & BUILDING SECTION

DOOR HARDWARE SET					
ENTRY DOOR:					
QTY	DESCRIPTION	MODEL NUMBER	FINISH	MANUFACTURER	
3	HINGE, FULL MORTISE, HVT WT	T443386 NRP	US32D	MCKINNY	
1	ENTRY FUNCTION LOCKSET	72 8205 LNL	US32D	SARGENT	
1	PERMANENT KEYED CORE	7300B MK	US4	SARGENT	
1	SURFACE CLOSER	3151 OPS	US32D	SARGENT	
1	KICK PLATE	K1050 1" CSK BEV1	US32D	ROCKWOOD	
1	GASKETING	S888L		PEMKO	
1	SWEEP	315CN		PEMKO	
1	THRESHOLD	171A		PEMKO	

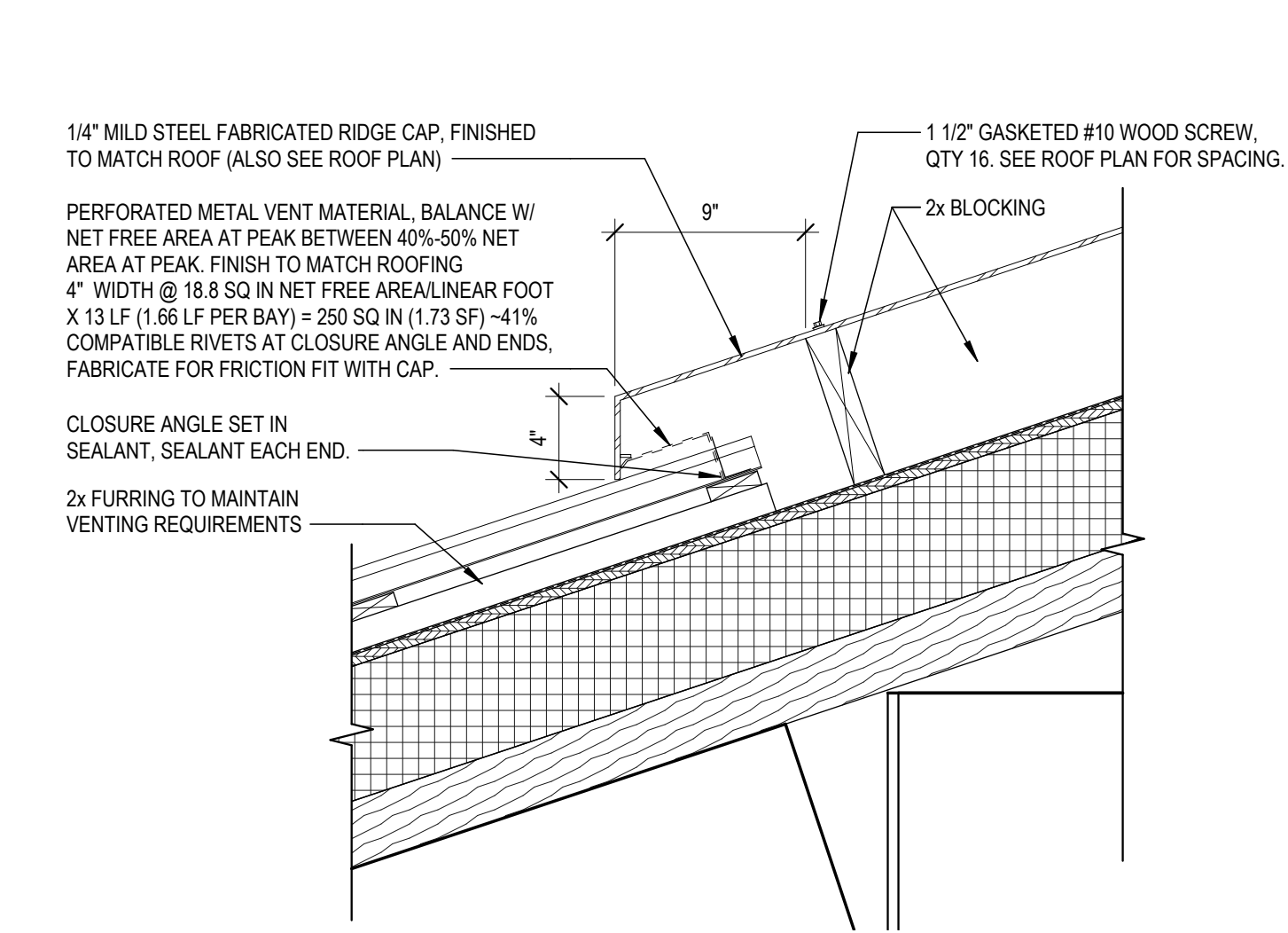




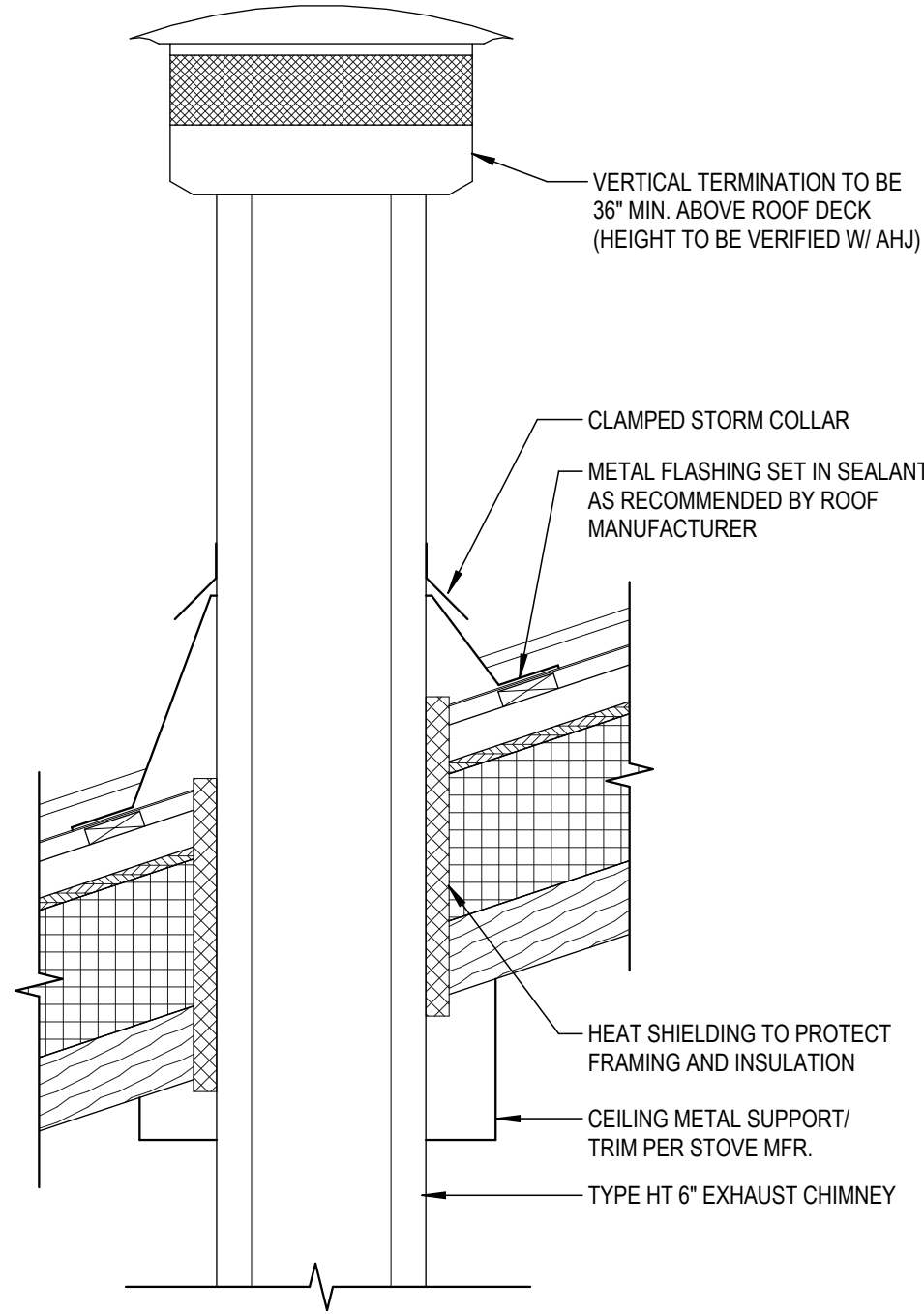
6 WINDOW SILL - SECTION DETAIL
1 1/2" = 1'-0"



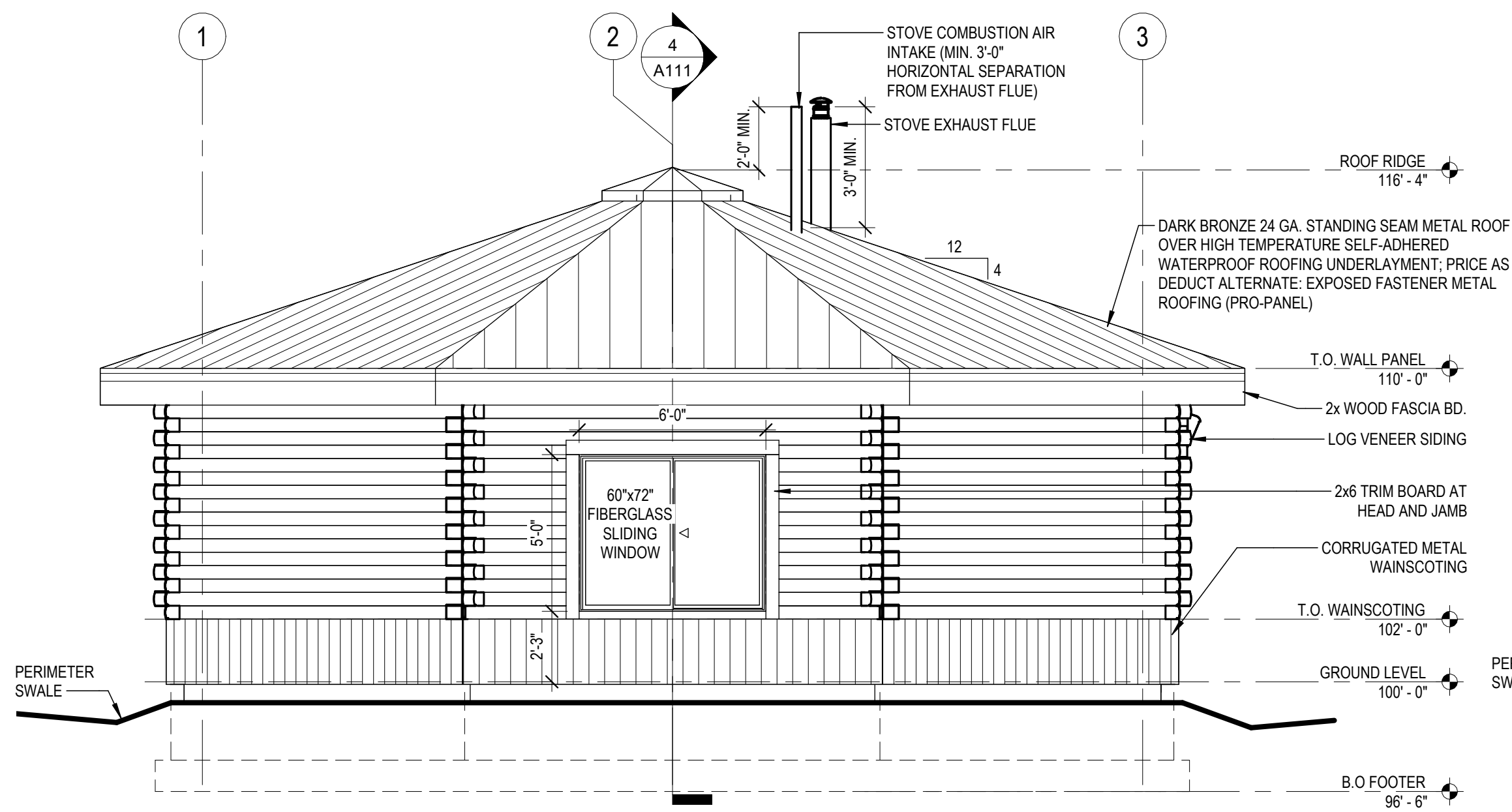
5 WINDOW HEAD AND EAVE - SECTION DETAIL
1 1/2" = 1'-0"



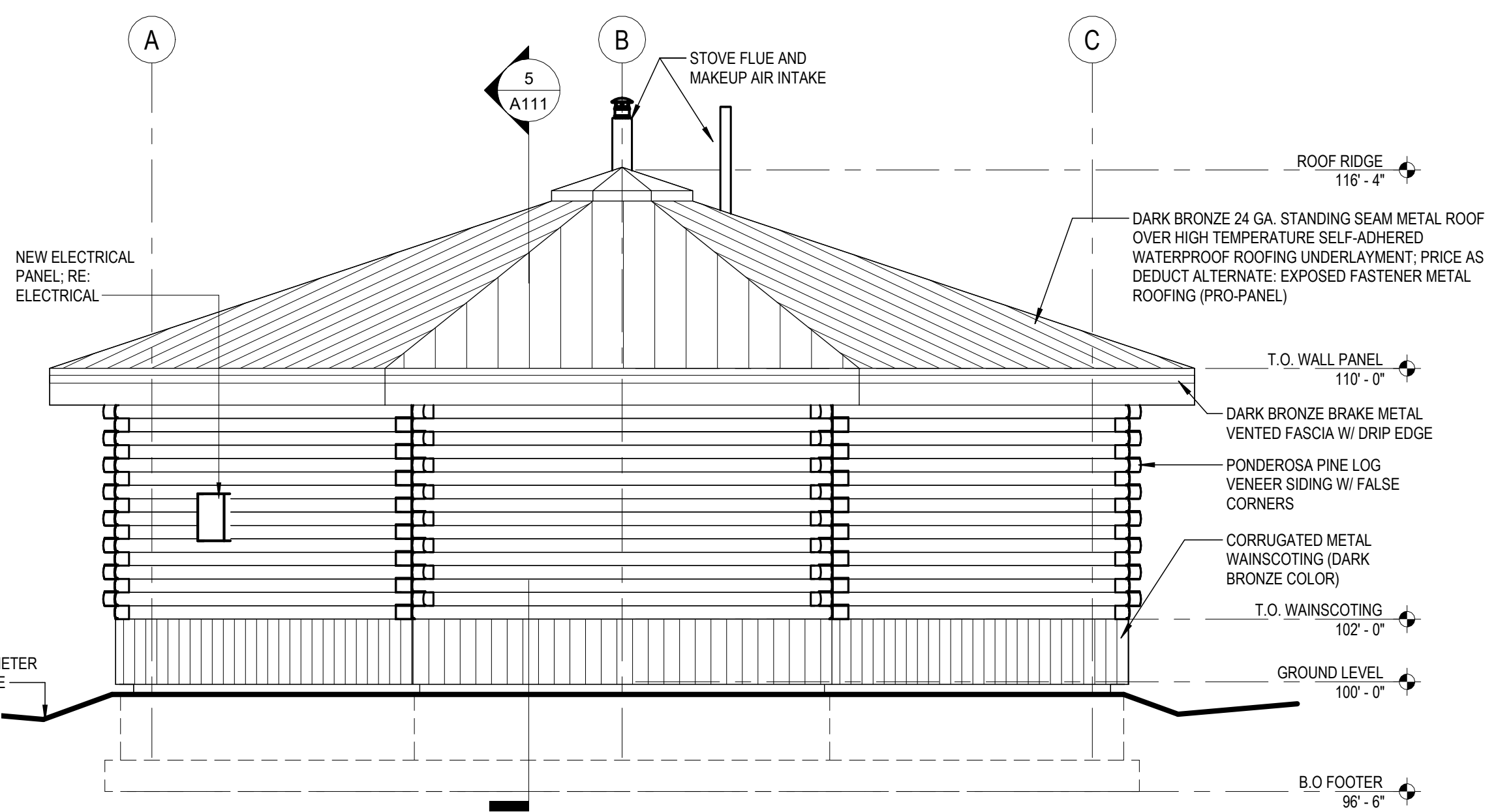
7 VENTED ROOF CAP - SECTION DETAIL
1 1/2" = 1'-0"



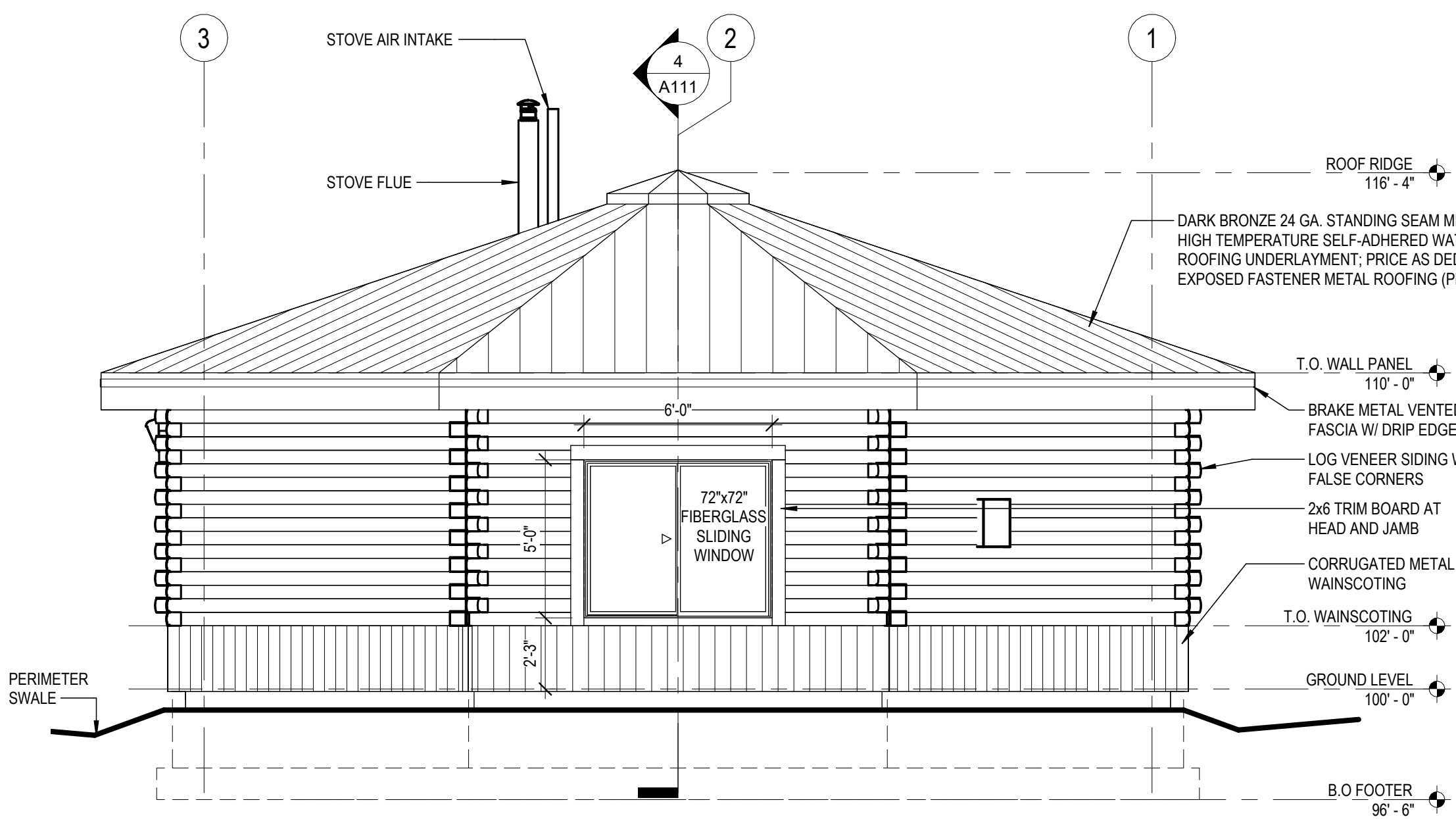
8 FLUE ROOF PENETRATION
1 1/2" = 1'-0"



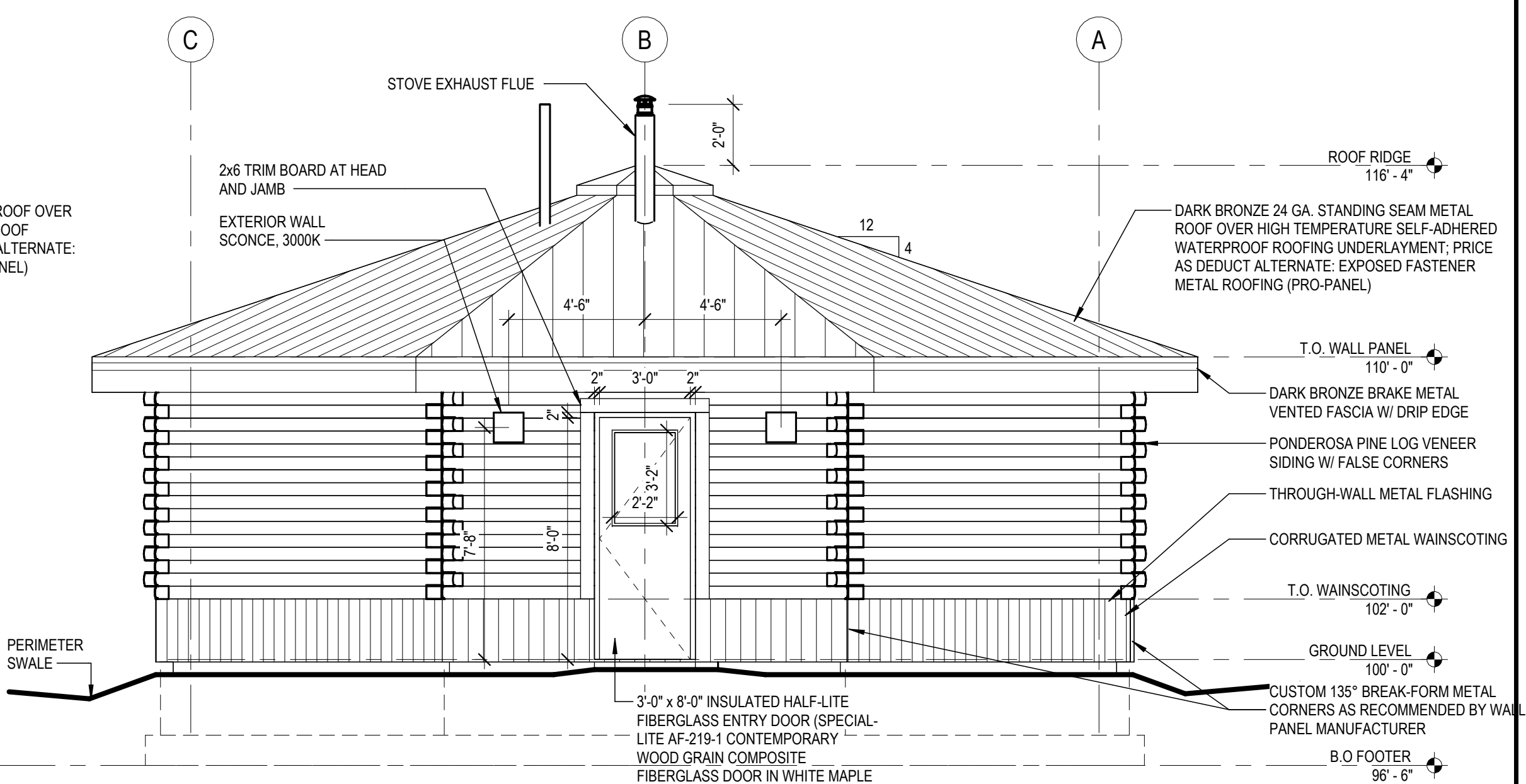
4 EXTERIOR ELEVATION - SOUTH
1/4" = 1'-0"



3 EXTERIOR ELEVATION - WEST
1/4" = 1'-0"



2 EXTERIOR ELEVATION - NORTH
1/4" = 1'-0"



1 EXTERIOR ELEVATION - EAST
1/4" = 1'-0"

REVISION SCHEDULE		
REV. #	DESCRIPTION	DATE

STRUCTURAL TABLES

REQUIRED SPECIAL INSPECTION AND TESTS						Inspection Frequency		Testing		N/A
DESCRIPTION OF WORK PER IBC CHAPTER 17						Continuous	Periodic	Yes	No	
Metal Construction										
1.	Welding						X		X	
2.	Details: Bracing, Locations, Etc.									X
3.	Bolting								X	X
4.	Open Web Steel Joists and Joist Girders									X
5.	Steel Deck Including Welding Or Mechanical Fastening									X
6.	Composite Construction Including Headed Stud Anchors									X
7.	Cold Formed Steel Trusses Spanning > 60									X
Concrete Construction										
1.	Inspect Reinforcement					X			X	
2.	Reinforcing Bar Welding				X			X		
3.	Inspect Anchors Cast In Concrete					X	X	X		
4.	Inspect Anchors Post-Installed In Concrete				X					
5.	Verify Use of Required Design Mix					X		X		
6.	Prior to Concrete Placement, Fabricate Specimens For Strength Tests, Perform Slump And Air Content Tests, and Determine The Temperature of The Concrete						X	X		
7.	Inspect Concrete And Shotcrete Placement For Proper Application Techniques				X				X	
8.	Verify Maintenance Of Specified Curing Temperature And Techniques				X				X	
9.	Inspect Prestressed Concrete Members									X
10.	Inspect Erection Of Precast Concrete Members									X
11.	Verify In-Situ Concrete Strength Prior to Post-Tensioning Concrete And Prior To Removal Of Shores And Forms From Beams And Structural Slabs									X
12.	Inspect Formwork For Shape, Location And Dimensions Of The Concrete Member Being Formed						X	X		
WOOD CONSTRUCTION										
1.	High Load Diaphragms						X		X	
2.	Metal Plate Connected Wood Trusses Spanning > 60 ft									X
SOILS										
1.	Verify Materials Below Shallow Foundations Are Adequate To Achieve The Design Bearing Capacity						X		X	
2.	Verify Excavations Are Extended To Proper Depth And Have Reached Proper Material						X	X		
3.	Perform Classification And Testing Of Compacted Fill Materials						X	X		
	Verify Use Of Proper Materials, Densities, And Lift Thicknesses During Placement And Compaction Of Compacted Fill				X			X		
4.	Prior To Placement Of Compacted Fill, Inspect Subgrade And Verify That Site Has Been Prepared Properly						X	X		

CALLOUT SYMBOLS

The diagram illustrates the symbols for various architectural drawings, organized into six rows. Each row shows a symbol on the left and its corresponding labels on the right, connected by leader lines.

- Row 1:** A triangle with a circle inside. The circle contains the number '1' and the text 'A101' below it. Labels: 'WALL SECTION NUMBER' (pointing to the triangle), 'SIM' (pointing to the circle), and 'WALL SECTION SHEET' (pointing to the circle).
- Row 2:** A circle containing the number '1' and the text 'S101' below it. Labels: 'DETAIL NUMBER' (pointing to the circle) and 'DETAIL SHEET' (pointing to the circle).
- Row 3:** An inverted triangle with a circle inside. The circle contains the number '1' and the text 'A101' below it. Labels: 'BUILDING SECTION NUMBER' (pointing to the triangle), 'SIM' (pointing to the circle), and 'BUILDING SECTION SHEET' (pointing to the circle).
- Row 4:** A circle containing the number '1' and the text 'S101' below it. Labels: 'DETAIL OR SECTION NUMBER' (pointing to the circle) and 'DETAIL OR SECTION SHEET' (pointing to the circle).
- Row 5:** A diamond shape divided horizontally. The top half contains the letter 'X' and the bottom half contains the text 'A101'. Labels: 'EXTERIOR ELEVATION NUMBER' (pointing to the top half) and 'EXTERIOR ELEVATION SHEET' (pointing to the bottom half).
- Row 6:** A diamond shape divided horizontally. The top half contains the letter 'X' and the bottom half contains the text 'A101'. Labels: 'INTERIOR ELEVATION NUMBER' (pointing to the top half) and 'INTERIOR ELEVATION SHEET' (pointing to the bottom half).

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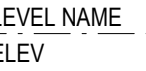
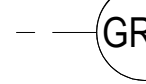
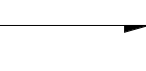
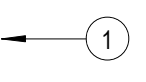
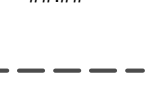
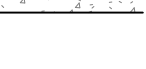
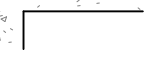
	BEAM CONTINUOUS OVER COLUMN
	BEAM SPLICE
	MOMENT CONNECTION
	LEVEL / ELEVATION REFERENCE
	GRID REFERENCE
	SPAN DIRECTION
	REVISION CLOUD & TAG
	WOOD WALL SHEARWALL WITH HOLD-DOWN LOCATIONS
	MASONRY REINFORCING DESIGNATION - SEE MASONRY REINFORCING SCHEDULE
	PLAN KEYNOTE
	KEYNOTE TAG
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN
	NEW CONCRETE CONSTRUCTION
	CONCRETE MASONRY WALL
	PIPE PENETRATION - SEE PROCESS FOR SIZE AND LOCATION. SEE OPENING REINFORCEMENT DETAIL.
	ALL DIMENSIONS ARE TO FACE OF FOUNDATION UNLESS NOTED OTHERWISE
	LOCATION OF RE-ENTRANT CORNER BAR
	LOCATION OF CONTROL / CONTRACTION JOINT IN CONCRETE SURFACE
	UNFACTORED WIND SHEAR LOAD

Diagram illustrating the snow drift load profile. The load is shown as a trapezoidal shape, representing the combination of a balanced snow load (P_{BAL}) and a snow drift load ($P_d + P_{BAL}$). The diagram is labeled "SNOW DRIFT - NOTATION DIAGRAM".

The diagram illustrates the relationship between different structural tags and elevations. It shows a dashed rectangle representing the 'FOOTING TAG & TOP OF FOOTING ELEVATION'. Inside this rectangle is a smaller dashed rectangle representing the 'COLUMN TAG'. Within the column tag is a small square representing the 'PIER TAG'. Labels include 'F2-0 TFE = 96'-0" OR F2-0 TFE = 96'-0"', 'C1', 'P2', and 'FOOTING TAG & TOP OF FOOTING ELEVATION'.

GENERAL STRUCTURAL NOTES:

- THESE NOTES DO NOT REPLACE THE SPECIFICATIONS BUT ARE TO BE READ IN CONJUNCTION WITH THEM. ANY DISCREPANCIES OR CONFLICTS BETWEEN THE TWO SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER OF RECORD (SER) FOR RESOLUTION. IN THESE NOTES AND THE SPECIFICATIONS, THE WORD 'SHALL' MEANS 'HAS A DUTY TO'.
- THESE DRAWINGS ARE FOR FARMINGTON SCHOOLS CULTURAL HOGAN (SEH PROJECT NUMBER 191073) AND NO OTHER USE IS AUTHORIZED. CONTACT SER, STEPHEN KAYE AT SEH 720-540-6847.

GOVERNING BUILDING CODE:

2021 INTERNATIONAL BUILDING CODE AS ADOPTED AND AMENDED BY THE STATE OF NEW MEXICO

DESIGN CODES AND STANDARDS:

ACI MANUAL OF CONCRETE PRACTICE
ACI 318, 301 BUILDING CODE REQUIREMENTS & SPECIFICATIONS FOR STRUCTURAL CONCRETE
AWC NDS NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) MINIMUM LOADS FOR BUILDINGS AND OTHER STRUCTURES 7-16
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) STEEL CONSTRUCTION MANUAL, 16TH EDITION

DESIGN LOADS:

RISK CATEGORY II

1. LIVE LOAD:	
ROOF, L:	20 PSF (REDUCIBLE)
FLOOR:	100 PSF
2. SNOW LOADS:	
GROUND SNOW LOAD, P _g	30 PSF
ROOF SNOW LOAD:	25.2 PSF
3. WIND LOADS:	
ULTIMATE DESIGN WIND SPEED (3 SEC GUST), Vult	115 MPH
WIND EXPOSURE	C
STRUCTURE IS:	ENCLOSED BUILDING
INTERNAL PRESS COEFFICIENT	+0.18
4. SEISMIC LOADS:	
SITE CLASS	D
MCEA GROUND MOTION (PERIOD = 0.2S), S ₀	0.159 g
MCEA GROUND MOTION (PERIOD = 1.0S), S ₁	0.054 g
SITE AMPLIFICATION FACTOR, 0.2 SEC, F _a	1.6
SITE AMPLIFICATION FACTOR, 1.0 SEC, F _v	2.4
DESIGN SPECTRAL RESPONSE, 0.2 SEC, S _{0.2}	0.17 g
DESIGN SPECTRAL RESPONSE, 1.0 SEC, S _{1.0}	0.086 g
SEISMIC IMPORTANCE FACTOR, I _e	1.0
SEISMIC DESIGN CATEGORY	B
BASIC SEISMIC FORCE RESISTIVE SYSTEM(S)	LIGHT-FRAME (WOOD) WALLS SHEATHED WITH STRUCTURAL PANELS
RESPONSE MODIFICATION FACTOR, R	6.5
SEISMIC RESPONSE COEFFICIENT, C _s	0.0261
ANALYSIS PROCEDURE	EQUVALENT LATERAL FORCE PROCEDURE
5. SOIL CRITERIA:	
ALLOWABLE BEARING PRESSURE	2,000 PSF (ASSUMED)
FROST DEPTH	30 IN
MIN FOUNDATION EMBEDMENT	30 IN
MIN FILL DEPTH	36 IN

DESIGN / CONSTRUCTION CRITERIA

- THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS BEFORE CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES, INCONSISTENCIES, OR DIFFICULTIES AFFECTING THE WORK BEFORE PROCEEDING.
- ALL MATERIAL, WORKMANSHIP, AND DETAILS SHALL BE IN ACCORDANCE WITH TYPICAL COMPETENT CONSTRUCTION PRACTICES, CURRENT MANUFACTURERS RECOMMENDATIONS, AND ALL APPLICABLE CODES AND GOVERNMENT REGULATIONS. SPECIAL STRUCTURAL INSPECTION IS REQUIRED AS SCHEDULED AND PER IBC CHAPTER 17. CONTRACTOR SHALL HIRE AND COORDINATE A SPECIAL INSPECTION AND TESTING AGENCY.
- THE CONTRACTOR SHALL COORDINATE ALL DISCIPLINES, VERIFYING SIZE AND LOCATION OF ALL OPENINGS, WHETHER SHOWN ON STRUCTURAL DRAWINGS OR NOT, AS CALLED FOR ON PROCESS, ARCHITECTURAL, MECHANICAL, ELECTRICAL OR OTHER DRAWINGS. ALL CONFLICTS, INCONSISTENCIES, OR OTHER DIFFICULTIES AFFECTING STRUCTURAL WORK SHALL BE CALLED TO THE ARCHITECTS ATTENTION FOR DIRECTION BEFORE PROCEEDING.
- EQUIPMENT AND STRUCTURAL ANCHOR ROD SIZES, TYPES, EMBEDMENT, AND PATTERNS SHALL BE VERIFIED WITH THE MANUFACTURER OR FABRICATOR. ALL ANCHOR PATTERNS SHALL BE TEMPLATED TO ENSURE ACCURACY OF PLACEMENT.
- THE CONTRACTOR SHALL SUPPLY ALL NECESSARY TEMPORARY BRACING, SHORING, GUYING, OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION.
- JOB SITE SAFETY (INCLUDING EXCAVATIONS) IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR & THEIR SUBCONTRACTORS.
- THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES OR PRACTICES. WHERE DRAWINGS AND DETAILS IMPLY THIS, THEY ARE PROVIDED TO SHOW FINAL CONSTRUCTION. IF CONTRACTOR DESIRES TO USE DIFFERENT MEANS AND METHODS THAN IMPLIED BY THESE DRAWINGS, SUBMIT SIMILAR DETAILS FOR REVIEW.
- STANDARD OR TYPICAL STRUCTURAL DETAILS ARE INTENDED TO ILLUSTRATE AND TO SPECIFY MATERIAL AND REQUIRED PHYSICAL DIMENSIONS MATCHING OR SIMILAR TO THE REFERENCED LOCATIONS IN THE DRAWING SET.
- ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS SHALL BE DESIGNED AND INSTALLED TO RESIST THE CONTROLLING CONDITION OF OPERATIONAL FORCES OR SEISMIC FORCES IN ACCORDANCE WITH IBC AND THESE NOTES. COMPONENT SEISMIC ATTACHMENTS SHALL BE BOLTED, WELDED, OR OTHERWISE POSITIVELY FASTENED WITHOUT CONSIDERATION OF FRICTIONAL RESISTANCE DUE TO GRAVITY. A CONTINUOUS LOAD PATH OF SUFFICIENT STRENGTH AND STIFFNESS SHALL BE PROVIDED BETWEEN THE COMPONENT AND SUPPORTING STRUCTURE. CONNECTIONS FOR BOTH ORTHOGONAL HORIZONTAL DIRECTIONS SHALL BE SHALL BE DESIGNED AND SEALED BY THE CONTRACTOR'S ENGINEER, CURRENTLY LICENSED IN THE STATE OF NEW MEXICO. COMPONENT REACTION FORCES SHALL BE SUBMITTED TO THE ARCHITECT FOR CONFIRMATION THAT SUPPORTING STRUCTURE CAN WITHSTAND REACTION FORCES.
- THERE IS NO PROVISION FOR FUTURE VERTICAL EXPANSION IN THE DESIGN.

FOUNDATIONS:

- CAUTION: EXISTING UNDERGROUND UTILITIES MAY EXIST ANYWHERE ON THE SITE. NOTIFY ARCHITECT AND NEW MEXICO 811 PRIOR TO DISTURBING ANY GRADE OR EXCAVATION.
- STRUCTURAL FOUNDATIONS CONSIST OF SHALLOW SPREAD FOOTINGS ESTABLISHED ON STRUCTURAL FILL WHICH HAVE AN ASSUMED CAPACITY OF 2,000 PSF.
- THE CONTRACTOR SHALL EMPLOY A CERTIFIED GEOTECHNICAL ENGINEER DURING CONSTRUCTION TO TEST, INSPECT AND VERIFY ALL ASSUMED SOIL CONDITIONS.
- SUBGRADE SOILS BENEATH THE INTERIOR FLOOR SLAB SHOULD BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM DEPTH OF 12 INCHES.
- FOUNDATIONS SHALL BE ADEQUATELY BRACED DURING BACKFILLING AND COMPACTION TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE. BRACING SHALL REMAIN IN PLACE UNTIL PERMANENT BRACING IS IN PLACE AND UNTIL CONCRETE ACHIEVES SUFFICIENT STRENGTH TO RESIST IMPOSED LOADS.
- WHEN PLACING COMPACTED FILL ADJACENT TO FOUNDATION WALLS AND PIERS, PLACE BACKFILL AT EQUAL RATES ON BOTH SIDES TO PREVENT OVERTURNING OR STRUCTURAL DAMAGE.
- CONTRACTOR SHALL PROVIDE FOR DEWATERING AT EXCAVATIONS FROM EITHER SURFACE WATER OR SEEPAGE.
- MOISTURE CONTENT IN SOILS BENEATH BUILDING LOCATIONS SHOULD NOT BE ALLOWED TO CHANGE AFTER EXCAVATIONS AND AFTER GRADING FOR SLABS ARE COMPLETED. IF SUBGRADE MATERIALS BECOME DESICCATED OR SOFTENED BY WATER OR OTHER CONDITIONS, REMOVE AND REPLACE AS NECESSARY TO RETURN TO OPTIMUM MOISTURE CONTENT.
- DO NOT PLACE CONCRETE ON FROZEN GROUND, NOR ALLOW GROUND BENEATH FOUNDATIONS TO FREEZE.
- GRADING: WHERE NOT SPECIFICALLY SHOWN ON THE PLANS, IT IS INTENDED THAT ALL EXCAVATED AND BACKFILLED AREAS SHALL BE GRADED TO SLOPE AWAY FROM BUILDINGS AND OTHER STRUCTURES.

REINFORCING STEEL:

- ALL CONCRETE IS REINFORCED CONCRETE UNLESS SPECIFICALLY CALLED OUT AS UNREINFORCED. REINFORCE ALL CONCRETE NOT OTHERWISE SHOWN WITH SAME STEEL AS IN SIMILAR SECTIONS OR AREAS. ANY DETAILS NOT SHOWN SHALL BE DETAILED PER ACI 315 AND MEET REQUIREMENTS OF ACI 318, CURRENT EDITION.
- ALL REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 STEEL.
- CLEAR MINIMUM COVER OF CONCRETE OVER REINFORCING STEEL SHALL BE AS FOLLOWS UNLESS SPECIFICALLY NOTED OTHERWISE:
 - CONCRETE PLACED AGAINST EARTH 3"
 - TOP MAT OF FLOOR SLABS 1 1/2"
 - ALL OTHER CONCRETE 2"
- ALL FOOTING DOWELS SHALL BE ACCURATELY POSITIONED AND WIRED IN PLACE BEFORE CASTING FOOTING CONCRETE. WHERE NOT NOTED, PROVIDE AND INSTALL DOWELS OF SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT IN ALL COLUMNS AND WALLS. POSITION ALL ANCHOR BOLTS WITH TEMPLATES.
- BAR LAP LENGTHS IN CONCRETE AND 90 DEGREE END HOOKS SHALL BE IN ACCORDANCE WITH THE TYPICAL LAP SPlice SCHEDULE UNLESS NOTED OTHERWISE.
- BARS MARKED CONTINUOUS, CORNER BARS, AND ALL VERTICAL STEEL SHALL BE LAPPED IN ACCORDANCE WITH THE TYPICAL LAP SPlice TABLE AT SPLICES AND EMBEDMENTS, UNLESS SHOWN OTHERWISE. SPlice TOP BARS NEAR MIDSPAN AND SPlice BOTTOM BARS OVER SUPPORTS, UNLESS NOTED OTHERWISE.
- BAR SUPPORT ACCESSORIES SHALL BE AS SPECIFIED IN LATEST EDITION OF THE ACI DETAILING HANDBOOK AND THE CONCRETE REINFORCING STEEL DESIGN INSTITUTE DESIGN HANDBOOK. MAXIMUM ACCESSORY SPACING SHALL BE 4'-0" ON CENTER, AND ALL ACCESSORIES ON EXPOSED SURFACES SHALL HAVE PLASTIC COATED ENDS. WMF SHALL BE SUPPORTED BY CONTINUOUS BOLSTERS OR BARS ON CHAIRS SUFFICIENTLY CLOSE TO PREVENT SHEARS FROM SAGGING APPRECIABLY DURING CONCRETE PLACEMENT. SUPPORT REBAR USED AT CONTRACTOR'S OPTION SHALL BE EXTRA BARS SUPPLIED BY CONTRACTOR, NOT TAKEN FROM DESIGN REINFORCING.

CONCRETE:

- ALL CONCRETE SHALL DEVELOP MINIMUM ULTIMATE COMPRESSIVE DESIGN STRENGTH OF 4,500 PSI IN 28 DAYS.
- CONCRETE OTHER THAN INTERIOR SLABS ON GRADES SHALL BE AIR ENTRAINED 5% +/- 1%.
- ALL CONCRETE IS NORMAL WEIGHT UNLESS SPECIFICALLY NOTED OTHERWISE. CEMENT SHALL BE PORTLAND CEMENT TYPE II CONFORMING TO ASTM C150, UP TO 25% CEMENT CAN BE REPLACED WITH FLYASH. AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C33. WATER IS TO BE POTABLE OR DEMONSTRATED TO HAVE NO HARMFUL EFFECTS ON CONCRETE. FLY ASH SHALL BE DEMONSTRATED BY TEST TO CONTAIN MINIMUM 16 PERCENT CAO. WHEN FLY ASH IS USED IN CONCRETE TO BE AIR ENTRAINED, AIR ENTRAINING SHALL BE ADJUSTED AS REQUIRED FOR 10 PERCENT EXPERIENCE OF READY MIX SUPPLIER.
- THE MINIMUM MIX REQUIREMENTS MAY HAVE WATER-REDUCING ADMIXTURES CONFORMING TO ASTM C494 ADDED TO THE MIX AT MANUFACTURER'S DOSAGE RATES FOR IMPROVED WORKABILITY. NO CHLORIDE CONTAINING ADMIXTURES WILL BE ALLOWED. DO NOT ADD WATER TO CONCRETE AT THE JOBSITE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF FORM WORK TO COMPLY WITH THE DIMENSIONS INDICATED ON THE PLANS, MAINTAINING PROPER ALIGNMENT DURING CONCRETE POURING OPERATIONS. SPECIAL CARE SHALL BE TAKEN WITH FORMWORK FOR SELF-CONSOLIDATING CONCRETE. THE CONTRACTOR SHALL ADJUST MIX DESIGN AS REQUIRED FOR AGGREGATE EXPANSIONS (INCLUDING USE OF LOW-ALKALI CEMENT, LITHIUM ADMIXTURES, OR AGGREGATES FROM ANOTHER SOURCE) AS REQUIRED TO LIMIT EXPANSION AS MEASURED BY CURRENT TEST TO LESS THAN 0.1 PERCENT.
- MEASURED FROM THE TIME WATER AND CEMENT ARE BATCHED TOGETHER, NO MORE THAN 90 MINUTES SHALL ELAPSE UNTIL CONCRETE IS PLACED. THIS TIME SHALL BE REDUCED BY ONE MINUTE FOR EVERY DEGREE THAT CONCRETE TEMPERATURE EXCEEDS 75 DEGREES FAHRENHEIT.
- WHEN AIR TEMPERATURE IS ABOVE 85 DEGREES, PROVIDE MIST, SHADING, WINDSCREENS AND OTHER PROTECTION AS REQUIRED FOR 12 HOURS AFTER PLACING.
- WET CURE (POLY AND BURLAP OR PROPRIETARY BLANKETS KEPT MOIST DAILY) FOR A MINIMUM OF 7 DAYS. FOOTINGS MAY BE BURED AFTER 24 HOURS. ADD ONE DAY OF CURE FOR FLYASH IN EXCESS OF 15 PERCENT OR GGBFS IN EXCESS OF 10 PERCENT OF CEMENTITIOUS, AND TWO DAYS FOR FLYASH IN EXCESS OF 30 PERCENT. CONTRACTOR IS RESPONSIBLE FOR STAINING CAUSED BY BURLAP IN VISIBLE AREAS.
- PROTECT CONCRETE IN ACCORDANCE WITH ACI 305 AND ACI 306 FOR HOT WEATHER CONCRETING AND COLD WEATHER CONCRETING RESPECTIVELY. IN COLD WEATHER, HEAT IS REQUIRED IF OUTSIDE TEMPERATURE FALLS BELOW 30 DEGREES ANY TIME DURING FIRST THREE DAYS. REINFORCING SHALL BE 40 DEGREES OR WARMER AT TIME OF CONCRETE PLACEMENT. CONCRETE TEMPERATURE SHALL BE RECORDED EVERY MORNING AND SHALL BE KEPT ABOVE 40 DEGREES IN ALL LOCATIONS FOR 7 DAYS. CONCRETE SHALL NOT BE EXPOSED TO COMBUSTION PRODUCTS (USE ELECTRIC HEAT, DUCTED HEATER OR GROUND THAW). KEEP PROTECTION IN PLACE MINIMUM 24 HOURS AFTER CESSATION OF HEATING TO PROVIDE GRADUAL COOL-DOWN.
- CONCRETE BEING PLACED SHALL BE PROTECTED FROM RAIN. IF RAIN FALLS ON CONCRETE BEFORE IT HAS SET, OR WITHIN 3 HOURS OF PLACEMENT IN ANY EVENT, CONTRACTOR SHALL BEAR COST OF TESTING TO PROVE CONCRETE IS UNAFFECTED, AND SHALL REMOVE AND REPLACE AFFECTED CONCRETE TO THE SATISFACTION OF THE GOVERNMENT.
- CEMENTITIOUS GROUT SHALL BE NON-SHRINK AND NON-METALLIC GROUT. PLACE ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND TRIM NEATLY WHERE VISIBLE.
- COORDINATE WITH OTHER TRADES FOR SLEEVES, CONDUIT, ELECTRICAL GROUNDING WIRES, INSERTS, UNDERGROUND UTILITIES, AND OTHER ITEMS TO BE EMBEDDED INTO CONCRETE AND VERIFY THAT THEY ARE PROPERLY INSTALLED AND SUPPORTED BEFORE CASTING CONCRETE. DIAMETER OF CONDUIT AND PIPE RUNNING WITHIN SLAB OR WALL SHALL NOT EXCEED 1/6 THE SLAB OR WALL THICKNESS AND SHALL BE PLACED IN THE CENTER OF THE MEMBER. HOLES THROUGH SLAB OR WALL SHALL LEAVE MINIMUM 1 INCH CLEAR TO REINFORCING. SHIFT REINFORCING AS REQUIRED. PLACEMENT OF SUCH ITEMS SHALL BE COORDINATED WITH REINFORCING PLACEMENT WHERE THEY WOULD OTHERWISE DISPLACE EACH OTHER. FOR INSTANCE, IN AREAS WITH A SINGLE MAT OF REINFORCING, EAST-WEST CONDUIT SHOULD BE PLACED WITH EAST-WEST REINFORCING AND NORTH-SOUTH CONDUIT IS PLACED WITH NORTH-SOUTH REINFORCING.
- UNLESS SHOWN ON DRAWINGS, CONCRETE SHALL BE PLACED WITHOUT CONSTRUCTION JOINTS EXCEPT WHERE SPECIFICALLY SHOWN ON SHOP DRAWINGS. APPROVED BY THE ENGINEER, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING ADDITIONAL OR ALTERNATE CONSTRUCTION JOINT LOCATIONS TO THE ENGINEER FOR APPROVAL.
- BEVEL ALL EXPOSED CORNERS OF CONCRETE 3/4"x3/4".
- CONCRETE FLOORS: ALL INTERIOR SLABS ON GRADE SHALL BE PLACED OVER 15 MIL VAPOR RETARDER MEETING ASTM E1745 CLASS A, WITH JOINTS WELDED OR LAPPED AND SEALED ACCORDING TO REINFORCING MANUFACTURER'S RECOMMENDATIONS. VAPOR RETARDER SHALL PERMIT LESS THAN 0.01 PERM AFTER CONDITIONING. ALL DAMAGE AND PENETRATIONS SHALL BE SEALED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. IF CONCRETE CONTAINS MORE THAN 2 PERCENT ENTRAINED AIR, DELAY START OF FINISHING TO PRECLUDE WEAKENED AIR-RICH PLANE JUST BELOW SURFACE.
- AN INDEPENDENT TESTING AGENCY SHALL CAST 4 SIX INCH TEST CYLINDERS OR AN EQUIVALENT NUMBER OF FOUR INCH CYLINDERS AT EACH 75 CUBIC YARDS OF CONCRETE PLACED ON EACH DAY'S OPERATION, WHICH EVER IS THE LESSER AMOUNT. THE TESTING AGENCY SHALL CAST, CURE, AND TEST THE SPECIMENS IN ACCORDANCE WITH ASTM C31 AND ASTM C39. AIR, TEMPERATURE, AND SLUMP SHALL BE TESTED AT MINIMUM FOR THE FIRST TRUCK AND EVERY FIFTH TRUCK THEREAFTER (1ST, 6TH, 11TH, ETC.) OR WHEN A CHANGE IN PROPERTIES IS NOTICED. AT THE FINAL LOCATION (TEST AFTER PUMP, NOT AT TRUCK).

STRUCTURAL METALS:

- ALL STRUCTURAL STEEL SHALL BE AS FOLLOWS:
 - WIDE FLANGE BEAMS ASTM A992, GRADE 50 (FY = 50 KSI)
 - MISCELLANEOUS STEEL ASTM A992, OR A36 (FY = 36 KSI)
 - RECTANGULAR STEEL TUBES (HSS) ASTM A500, GRADE B (FY = 46 KSI),
 - ROUND STEEL TUBES (HSS) ASTM A500, GRADE B (FY = 42 KSI)
 - PIPE ASTM A53, GRADE B (FY = 35 KSI)
 - OTHER SHAPES ASTM A36 (FY = 36 KSI)
- ALL STEEL SHALL RECEIVE A PRIMER COAT UNLESS GALVANIZED, REFER TO SPECIFICATION MANUAL.
 - SPLICING OR MODIFICATION OF MEMBERS IN THE FIELD IS PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
 - ALL PRIMARY MEMBER BOLTED CONNECTIONS SHALL BE TWO BOLT MINIMUM.
 - FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION, EXCEPT AS FOLLOWS:
 - TO PARAGRAPH 3.1, ADD THE PROJECT ARCHITECTURAL DRAWINGS ARE A PART OF THE STRUCTURAL STEEL DESIGN DRAWINGS BY REFERENCE AND MUST BE USED CONCURRENTLY WITH THE STRUCTURAL STEEL DESIGN DRAWINGS FOR ANY INFORMATION NOT SHOWN ON THE STRUCTURAL STEEL DESIGN DRAWINGS.
 - DELETE PARAGRAPH 3.2 AND INSERT THE FOLLOWING: "ARCHITECTURAL, PROCESS, ELECTRICAL AND MECHANICAL PLANS SHALL BE USED AS A SUPPLEMENT TO THE STRUCTURAL STEEL DESIGN DRAWINGS TO DEFINE DETAIL CONFIGURATIONS AND CONSTRUCTION INFORMATION."
 - PARAGRAPH 3.3 MODIFY THE LAST SENTENCE TO READ, "IN CASE OF DISCREPANCIES BETWEEN THE STRUCTURAL STEEL PLANS AND PLANS OF OTHER DISCIPLINES, SUCH DISCREPANCIES SHALL BE CALLED TO THE ENGINEER'S ATTENTION FOR RESOLUTION."
- ALL STEEL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER USING E70 ELECTRODES IN ACCORDANCE WITH THE REQUIREMENTS OF THE AWS D1.1 "STRUCTURAL WELDING CODE" AND VISUALLY INSPECTED. FULL-PEN WELDS SHALL ALSO BE INSPECTED BY NDT METHODS SUCH AS ULTRASONIC, MAG PARTICLE, OR DYE PEN.
- ALL FIELD WELDED CONNECTIONS SHALL BE CHIPPED, GROUND WHERE REQUIRED, WIRE BRUSH CLEANED AND PAINTED TO MATCH THE PAINT SYSTEM.
- ALL BOLTS NOT OTHERWISE SPECIFIED SHALL BE 3/4" DIAMETER HIGH STRENGTH (ASTM A325-N), ALL BOLTS SHALL BE SNUG TIGHTENED. ALL CONNECTIONS MUST BE TWO BOLT MINIMUM.
- ALL CONNECTIONS MUST BE TWO BOLT MINIMUM. ALL CORNERS SHALL BE MADE WITH A 1 INCH MINIMUM RADIUS.
- ALL BASE PLATE ANCHOR RODS SHALL BE ASTM F1554 GRADE 36 UNLESS NOTED OTHERWISE. WHERE HEADED RODS ARE NOTED OR SPECIFIED, BENT RODS SHALL NOT BE FURNISHED; RODS MAY BE HEADED OR NUTTED, WITH THE NUT TACK WELDED AT THE BOTTOM END OF THE ANCHOR OR DOUBLE NUTTED.

POST INSTALLED ANCHOR RODS AND DOWELS

- UNLESS NOTED OTHERWISE, ANCHORS AND REINFORCING DOWELS INSTALLED IN CONCRETE OR CONCRETE MASONRY SHALL BE AS NOTED BELOW. ANCHORS NOT SHOWN OR NOTED ON THE DRAWINGS, THOSE REQUIRED BY THE CONTRACTOR SOLELY FOR HIS MEANS AND METHODS, OR THOSE REQUIRED BY MECHANICAL/ELECTRICAL AND CARRYING LESS THAN 100 POUNDS OF NON-SAFETY-RELATED ITEMS, DO NOT REQUIRE SPECIAL INSPECTION.
- APPROVED MANUFACTURERS ARE: HILTI, ITW / REDHEAD, SIMPSON, AND POWERS / RAWL. SUBMIT PRODUCT DATA AND CURRENT ICC ES REPORT OR IAPMO REPORT SHOWING PRODUCT IS COMPLIANT WITH PROJECT CODE REQUIREMENTS FOR REVIEW. CONTRACTOR SHALL ARRANGE FOR MANUFACTURER'S REP TO TRAIN ALL INSTALLERS ON THE COMPLETE INSTALLATION PROCESS. A LETTER OF PROCEDURE STATING METHOD OF DRILLING, THE PRODUCT FOR USE, THE COMPLETE INSTALLATION PROCEDURE, MANUFACTURER TRAINING DATE AND A LIST OF THE PERSONNEL TRAINED ON ANCHOR INSTALLATION SHALL BE SUBMITTED TO THE ENGINEER.
- PERMANENT ANCHORS EXPOSED TO EARTH, WEATHER, OR CORROSIVE ENVIRONMENTS, AND ANCHORS ENGAGING STAINLESS STEEL OR ALUMINUM MEMBERS, SHALL BE STAINLESS STEEL TYPE 304 OR 316. OTHERWISE, ANCHORS SHALL BE ZINC PLATED, MINIMUM ASTM A36 MATERIAL, UNLESS ASTM A193 GRADE B7 IS NOTED IN THE DRAWINGS, AND SHALL BE ACCORDING TO ASTM F1554. REINFORCING DOWELS SHALL BE OF THE SAME MATERIAL AND COATING (IF ANY) AS THE CONTINUING REINFORCING.
- WHERE EXPANSION ANCHORS ARE CALLED FOR, CONTRACTOR MAY SUBSTITUTE SCREW TYPE ANCHORS WITH SELF-TAPPING THREADS OR ADHESIVE ANCHORS OF THE SAME SIZE AND EMBEDMENT, SUBJECT TO REVIEW OF CAPACITY BY THE ENGINEER FOR THE PRODUCT SUBSTITUTED. WHERE ADHESIVE ANCHORS ARE CALLED FOR, OTHER TYPES SHALL NOT BE SUBSTITUTED. SCREW TYPE ANCHORS SHALL NOT BE RE-USED ON PERMANENT WORK.
- ADHESIVE SHALL HAVE A CURRENT ICC ES REPORT. USE HIGH VISCOSITY ADHESIVE AND PLACEMENT DEVICES IN CONSULTATION WITH THE MANUFACTURER FOR OVERHEAD WORK. OVERHEAD INSTALLATION SHALL BE SUBJECT TO CONTINUOUS SPECIAL INSPECTION DURING INSTALLATION AND SHALL ONLY BE PERFORMED BY CERTIFIED ADHESIVE ANCHOR INSTALLERS. USE LOW TEMPERATURE FORMULATIONS FOR COLD WEATHER WORK. DO NOT APPLY SIGNIFICANT LOAD TO ANCHORS UNTIL THEIR CAPACITY HAS BEEN ASSURED.
- ANCHORS INSTALLED IN CONCRETE MASONRY AND PRECAST HOLLOW CORE CONCRETE SHALL BE INSTALLED IN CORES GROUTED SOLID. MINIMUM GROUT STRENGTH F'C = 3,000 PSI. MINIMUM 12 INCHES OF GROUT EACH WAY ALONG HORIZONTAL CORES FROM ANCHOR. VERTICAL CORES SHALL BE GROUTED FULL HEIGHT. ANCHORS INSTALLED IN MASONRY SHALL NOT BE INSTALLED WITHIN 1 1/2 INCHES OF ANY HEAD JOINT UNLESS BLOCK ARE SQUARE END AND MORTARED ACROSS FULL WIDTH OF HEAD JOINT, OR FILLED BOND BEAM.
- HOLES SHALL BE DRILLED, CLEANED, AND MAINTAINED UNTIL INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS USING STANDARD ROTARY-IMPACT BITS AND OIL-FREE COMPRESSED AIR. DIAMOND CORE BITS SHALL NOT BE USED UNLESS SPECIFICALLY APPROVED BY THE MANUFACTURER. LOCATE AND AVOID REINFORCING BARS AND PT TENDONS. MAINTAIN SPACING (MINIMUM 8 INCHES) AND EDGE/CORNER DISTANCES (MINIMUM 4 INCHES) AS RECOMMENDED BY MANUFACTURER UNLESS SPECIFICALLY NOTED OTHERWISE IN THE DRAWINGS.
- UNLESS NOTED OTHERWISE, ANCHORS SHALL BE INSTALLED TO THE FOLLOWING EMBEDMENTS:

	DIAMETER	CIP CONCRETE	GROUTED CMU
EXPANSION/SCREW:	1/2 INCH	3 1/2 INCHES	4 1/2 INCHES
	5/8 INCH	4 INCHES	5 INCHES
	3/4 INCH	5 INCHES	6 INCHES
ADHESIVE:	1/2 INCH	4 1/2 INCHES	5 1/2 INCHES
	5/8 INCH	5 INCHES	6 INCHES
	3/4 INCH	6 INCHES	7 INCHES (6" IN 8" CMU)

- EXCEPT AS NOTED, ALL ANCHORS SHALL HAVE INTERMITTENT SPECIAL STRUCTURAL INSPECTION BY ONE OF THE FOLLOWING. LOAD TESTS SHALL BE TO 150 PERCENT OF SERVICE CAPACITY OR 50 PERCENT OF ULTIMATE STRENGTH, WITH NO APPRECIABLE SLIP OR PERMANENT DEFORMATION. ANCHORS WHICH FAIL THIS TEST SHALL BE REPLACED AT NO COST TO THE PROJECT. TWO FAILURES IN A GIVEN INSTALLATION WHERE SPECIFIED IN MANDATORY LOAD TESTING SHALL BE REJECTED AT DOUBLE THE RATE NOTED BELOW.
 - EXPANSION AND SCREW ANCHORS
 - WITNESS INSTALLATION WITH TORQUE WRENCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS OF ICC REPORT
 - TEST ALL ANCHORS WITH TORQUE WRENCH AFTER INSTALLATION (INCLUDING LOAD TEST OF 5 PERCENT OF INSTALLED ANCHORS)
 - ADHESIVE ANCHOR RODS AND DOWELS:
 - WITNESS INSTALLATION ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS OF ICC REPORT

LUMBER AND WOOD FRAMING

- QUALITY AND CONSTRUCTION OF WOOD FRAMING MEMBERS AND THEIR FASTENERS FOR LOAD SUPPORTING PURPOSES NOT OTHERWISE INDICATED ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. CUTTING, NOTCHING, DRILLING, OR CORING OF MEMBERS OR SHEAR WALLS SHALL BE PERMITTED ONLY AS DETAILED, OR WITH WRITTEN PERMISSION OF THE ENGINEER.
- MINIMUM WOOD GRADES SHALL BE AS FOLLOWS. OTHER SPECIES WITH EQUAL OR GREATER PROPERTIES MAY BE SUBSTITUTED. IF SOUTHERN YELLOW PINE IS SUBSTITUTED, ALLOWANCE MUST BE MADE FOR DIFFERENCE IN STANDARD DIMENSIONS. SUBMIT SIGNED CALCULATIONS BY CONTRACTOR'S STRUCTURAL ENGINEER, LICENSED IN THE STATE OF THE PROJECT.
 - BENDING MEMBERS (JOISTS, BEAMS AND HEADERS): NO. 2 AND BETTER DOUG-FIR (DF) VISUALLY GRADED LUMBER OR EQUAL UNLESS NOTED OTHERWISE PER PLAN.
 - AXIALLY LOADED MEMBERS (STUDS, POSTS AND COLUMNS): STUD GRADE DF VISUALLY GRADED LUMBER UNLESS NOTED OTHERWISE PER PLAN.
 - PLATES SHALL BE NO. 2 OR BETTER GRADE, SUFFICIENTLY STRAIGHT TO LAY FLAT. PLATES ON MASONRY, CONCRETE, OR PRECAST CONCRETE SHALL BE TREATED, WITH STAINLESS STEEL ANCHORS.
- BEAMS BUILT UP OF MULTIPLE MEMBERS SHALL BE NAILED OR OTHERWISE FASTENED TOGETHER IN ACCORDANCE WITH TABLE 2304.9.1 OF THE INTERNATIONAL BUILDING CODE.
- LINTEL OR HEADER MEMBERS SHALL HAVE MINIMUM 3 INCHES OF BEARING. JOISTS SHALL BEAR FULL WIDTH OF SUPPORTING MEMBERS (STUD WALLS, BEAMS, ETC.).
- BRIDGING OF STUD BEARING WALLS AND SHEAR WALLS SHALL BE SOLID MATCHING SHEATHING JOINTS.
- JOIST BLOCKING AND BRIDGING SHALL BE SOLID WOOD OR CROSS BRIDGING OF EITHER WOOD OR METAL STRAPS. SPACING IN ANY CASE SHALL NOT EXCEED 8'-0" OR HALF OF SPAN.
- JOISTS OR TRUSSES AND STUDS SHALL BE LINED UP WHERE THEY ARE AT THE SAME SPACING. WHERE NOT AT THE SAME SPACING OR IF THEY CAN'T BE LINED UP, PROVIDE TRIPLE TOP CAP.
- OTHERWISE, TOP CAPS SHALL BE DOUBLE 2X MEMBERS, LAPPED MINIMUM 48 INCHES WITH AT LEAST SIX 16D NAILS AT EACH LAP AND NOT MORE THAN 16 INCHES BETWEEN NAILS. SPlice AT STUDS ONLY.
- SILL PLATES SHALL BE BOLTED TO CONCRETE WALLS OR STEEL BEAMS WITH 1/2" DIAMETER BOLTS AT 48" ON CENTER, AND NO MORE THAN 6 INCHES FROM END OF WALL. PLATES IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE TREATED LUMBER.
- PROVIDE DOUBLE JOISTS UNDER PARALLEL PARTITIONS.
- JOIST HANGERS SHALL BE SIMPSON STRONG-TIE, USP, OR APPROVED EQUAL.
- BOLTS IN WOOD SHALL NOT BE LESS THAN 7 DIAMETERS FROM THE END AND 4 DIAMETERS FROM THE EDGE OF THE MEMBER TO CENTERLINE OF BOLT. BOLT HOLES IN WOOD SHALL BE DRILLED 1/32 INCH LARGER THAN THE BOLT DIAMETER. BOLT HEADS AND NUTS BEARING ON WOOD SHALL HAVE STANDARD CUT WASHERS.
- SERVICE CONDITION: DRY WITH A MOISTURE CONTENT AT OR BELOW 19% IN SERVICE.
- PARALLEL STRAND LUMBER (PSL) SHALL HAVE AN ALLOWABLE FLEXURAL STRESS (FB) OF 2,900 PSI (MODIFIED BY SIZE FACTOR) AND AN ELASTIC MODULUS (E) OF 2,000,000 PSI.
- LAMINATED VENEER LUMBER (LVL) SHALL HAVE AN ALLOWABLE FLEXURAL STRESS (FB) OF 2,650 PSI (MODIFIED BY SIZE FACTOR) AND AN ELASTIC MODULUS (E) OF 1,900,000 PSI.

SHOP DRAWING REVIEW

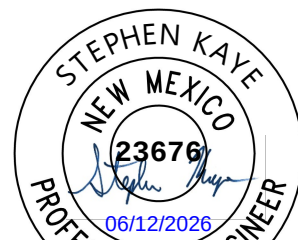
- SHORT ELLIOTT HENDRICKSON INC. (SEH) WILL REVIEW THE GENERAL CONTRACTOR'S (GC) SHOP DRAWINGS AND RELATED SUBMITTALS (AS INDICATED BELOW) WITH RESPECT TO THE ABILITY OF THE DETAILED WORK, WHEN COMPLETE, TO BE A PROPERLY FUNCTIONING INTEGRAL ELEMENT OF THE OVERALL STRUCTURAL SYSTEM DESIGNED BY SEH. IN GENERAL, SUBMITTALS WILL NOT BE REVIEWED FOR CORRECT QUANTITIES OR CONSTRUCTION CONSIDERATIONS. SEH SHALL REVIEW SHOP DRAWINGS AND RELATED MATERIALS WITH COMMENTS PROVIDED THAT EACH SUBMISSION HAS MET THE REQUIREMENTS HEREIN. SEH SHALL RETURN WITHOUT COMMENT UNREQUIRED MATERIAL OR SUBMISSIONS WITHOUT GC APPROVAL STAMP.
- ANY ITEMS REQUIRING SUBMITTAL OF CALCULATION PACKAGES SHALL HAVE CALCULATIONS SUBMITTED PRIOR TO OR AS PART OF THE SHOP DRAWING SUBMITTAL. THEY ACCOMPANY. SHOP DRAWINGS SUBMITTED PRIOR TO SUBMITTAL OF REQUIRED CALCULATIONS WILL BE REJECTED. ALL CALCULATIONS SHALL BE SEALED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF THE PROJECT. THE SUPPLIER'S ENGINEER MUST PROVIDE CALCULATIONS FOR ALL SYSTEMS AND CONNECTIONS THAT DIFFER FROM THE DRAWINGS. DESIGN SHALL COMPLY WITH THE REQUIREMENTS IN THESE NOTES, THE DRAWINGS AND THE SPECIFICATIONS.
- PRIOR TO SUBMITTAL OF A SHOP DRAWING OR ANY RELATED MATERIAL TO SEH, THE GC SHALL:
 - REVIEW EACH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE GC.
 - REVIEW AND APPROVE EACH SUBMISSION.
 - STAMP EACH SUBMISSION AS APPROVED.
- SEH SHALL ASSUME THAT NO SUBMISSION COMPRISES A VARIATION FROM THE CONTRACT DOCUMENTS UNLESS THE GC ADVISES SEH WITH WRITTEN DOCUMENTATION. SHOULD SEH REQUIRE MORE THAN TEN (10) WORKING DAYS TO PERFORM THE REVIEW, SEH SHALL SO NOTIFY THE GC. SUBMITTALS SHALL INCLUDE DRAWINGS AND RELATED MATERIAL (IF ANY) AS INDICATED BELOW.
 - CONCRETE MIX DESIGNS AND MATERIAL CERTIFICATES INCLUDING ADMIXTURES AND COMPOUNDS
 - FOOTING STEPS OR OTHER ELEVATION CHANGES, AT A SCALE NO SMALLER THAN 1/8" = 1'-0" SHOWING ALL REQUIRED REINFORCING.
 - GROUT MIX DESIGNS (FOR CMU).
 - STRUCTURAL STEEL SHOP DRAWINGS INCLUDING ERECTION DRAWINGS AND PIECE DETAILS. INCLUDE JOIST, DECKING AND CONNECTOR SUBMITTALS. INCLUDE MISCELLANEOUS FRAMING SPECIFIED ON DRAWINGS. JOIST SHOP DRAWINGS FOR JOISTS CARRYING NON-UNIFORM LOADS SHALL INCLUDE DESIGN CALCULATIONS.
 - STRUCTURAL STEEL CONNECTION DESIGN CALCULATIONS, WHERE REQUIRED.
 - CROSS LAMINATED TIMBER (CLT) ROOF PANELS
 - CROSS LAMINATED TIMBER (CLT) WALL PANELS
 - CROSS LAMINATED TIMBER (CLT) ATTACHMENTS REQUIRED TO CONSTRUCT ALL WALL AND ROOF ELEMENTS AS SHOWN IN THE PLANS.

SPECIAL INSPECTION

- SPECIAL INSPECTION AND TESTING IS REQUIRED ACCORDING TO THE TABLE ON THE FIRST GENERAL SHEET OF THE STRUCTURAL DRAWINGS. CONTRACTOR SHALL COORDINATE WITH SER, TESTING AGENCY AND GEOTECHNICAL ENGINEER THROUGHOUT THE PROJECT.
 - SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH IBC CHAPTER 17.
 - SPECIAL INSPECTION OF REINFORCING STEEL AND ANCHOR ROD PLACEMENT SHALL BE PERFORMED PRIOR TO CONCRETE PLACEMENT OR DURING ANCHOR ROD INSTALLATION FOR ADHESIVE ANCHORS.
 - CONTINUOUS INSPECTION DURING CONCRETE PLACEMENT IS REQUIRED.
 - CONDUCT CONCRETE SLUMP TESTS IN ACCORDANCE WITH ASTM C143.
 - OBTAIN SET OF A FOUR (4) CONCRETE TEST CYLINDERS EACH TIME CONCRETE IS PLACED. MAKE TEST CYLINDERS IN ACCORDANCE WITH ASTM C39.
 - SEE THESE NOTES FOR TESTING OF POST-INSTALLED ANCHORS AND REBAR WHERE INSTALLATION IS NOT WITNESSED.
 - IT IS ASSUMED THAT SHOP WELDING WILL BE PERFORMED ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. G/C SHALL SUBMIT FABRICATOR DOCUMENTS, STANDARDS, AND PROCEDURES IN ACCORDANCE WITH IBC 1705.2. IT IS ASSUMED THAT PRECAST CONCRETE WILL BE CAST ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. G/C SHALL SUBMIT FABRICATOR DOCUMENTS, STANDARDS, AND PROCEDURES IN ACCORDANCE WITH IBC 1705.2.
 - REPORTS OF SPECIAL INSPECTIONS SHALL BE PROVIDED, AT THE FREQUENCY NOTED, TO THE ARCHITECT, OWNER, CONTRACTOR, AND ENGINEER OF RECORD BY THE FIRM CONTRACTED TO PERFORM SPECIAL INSPECTIONS.
 - SPECIAL INSPECTION CRITERIA PRESENTED ABOVE AND IN SPECIFICATION SHALL APPLY TO ALL FOOTINGS AND FOUNDATION WALLS, BUT DOES NOT APPLY TO NON-STRUCTURAL SLAB ON GRADE AND SITE WORK CONCRETE.

DETERMINED SUBMITTALS

- THE FOLLOWING WILL BE DELEGATED SUBMITTALS:
 - INSULATED CROSS LAMINATED TIMBER (CLT) ROOF PANELS
 - INSULATED CROSS LAMINATED TIMBER (CLT) WALL PANELS



Project Owner

FARMINGTON MUNICIPAL SCHOOLS
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SEH Project
Checked By
Drawn By

191073
S-K
CC

Project Status
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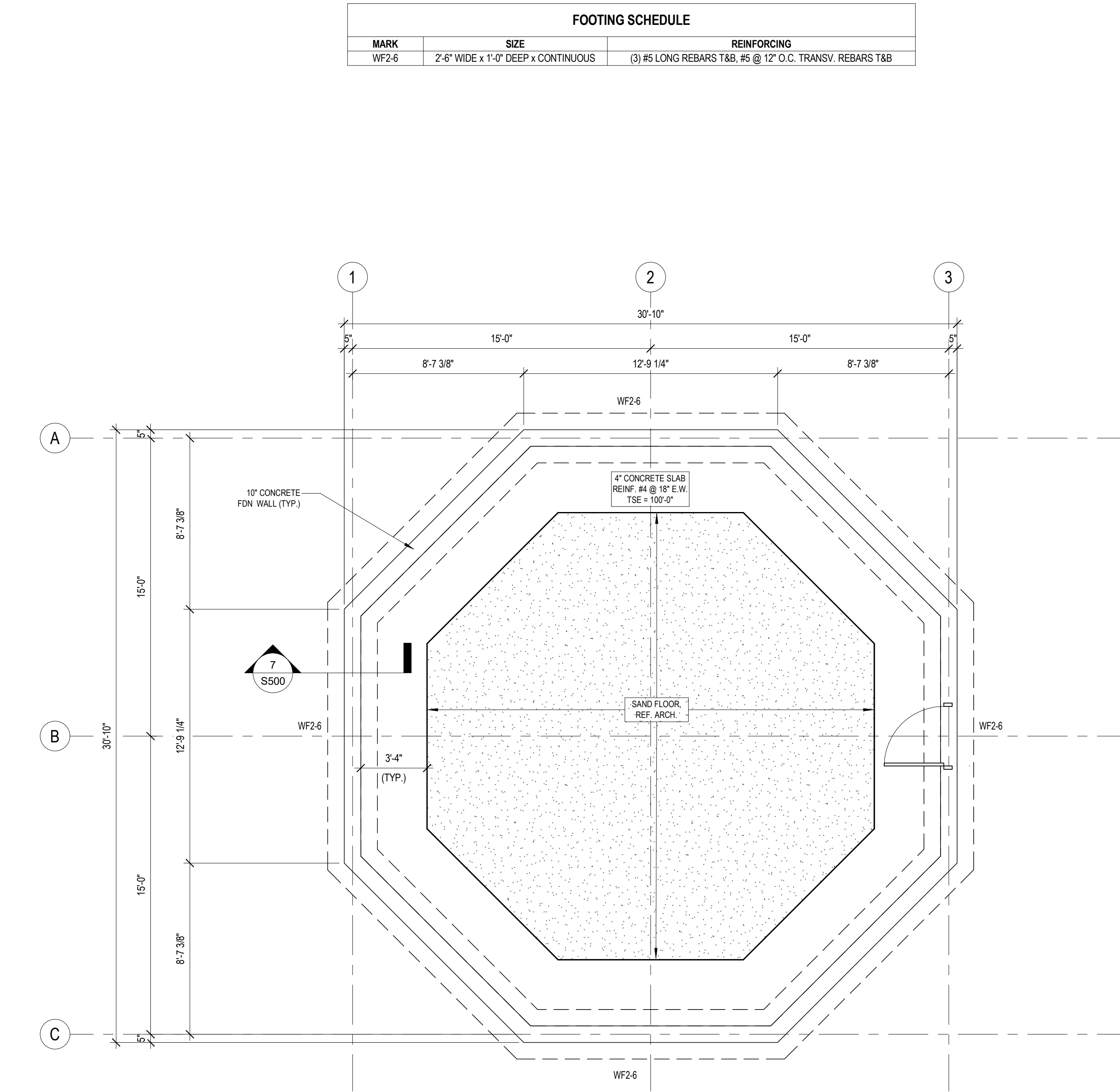
Issue Date
06-12-2026

REVISION SCHEDULE

REV. # DESCRIPTION DATE

GENERAL STRUCTURAL
NOTES

S002



1 FOUNDATION PLAN
S101 1/4" = 1'-0"

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
WF2-6	2'-6" WIDE x 1'-0" DEEP x CONTINUOUS	(3) #5 LONG REBARS T&B, #5 @ 12" O.C. TRANSV. REBARS T&B

FOUNDATION PLAN GENERAL NOTES:

(TYPICAL UNLESS NOTED OTHERWISE)

- MAIN LEVEL FINISH FLOOR REFERENCE ELEVATION = 100'-0"
VERIFY ACTUAL ELEVATION WITH CIVIL PLANS
- FORM CONTRACTION JOINTS (C.J.) OR SAWCUT WITHIN 18 HOURS OF CONCRETE PLACEMENT - SEE S500
MAXIMUM SPACING OF CONTRACTION JOINTS TO BE 15'-0" U.N.O.
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- VERIFY ALL SIZES AND LOCATIONS OF OPENINGS WITH ARCHITECTURAL DRAWINGS.
- TOP OF FOOTING ELEVATIONS (TFE):
EXTERIOR = 97'-6" (U.N.O. ON PLAN)
- DESIGN ALLOWABLE SOIL BEARING CAPACITY: (REF. GEOTECHNICAL REPORT) MAIN BUILDING ELEMENTS: 2,000 PSF
- CONTRACTOR OPTIONS AT MECHANICAL & ELECTRICAL LINES THROUGH FOUNDATION - SEE S500.
- "WFX-X" DENOTES FOOTING TYPE. REFERENCE SCHEDULE.
- CONTRACTOR TO IMMEDIATELY CONTACT STRUCTURAL ENGINEER FOR FIELD VERIFICATION IF EXISTING CONDITIONS VARY FROM THOSE SHOWN IN THESE DOCUMENTS.
- ENGINEERED FILL SHALL BE IN ACCORDANCE WITH THE FOLLOWING CRITERIA:

*GRADATION (ASTM C136):		PERCENT FINER BY WEIGHT
6"		100
4"		85-100
3/4"		70-100
NO. 4 SIEVE		50-100
NO. 200 SIEVE		40 (MAX)

- * MAXIMUM EXPANSIVE POTENTIAL (%) * 1.5
- * MAXIMUM SOLUBLE SULFATES (%) 0.10

* MEASURED ON A SAMPLE COMPACTED TO APPROXIMATELY 95 PERCENT OF THE ASTM D698 MAXIMUM DRY DENSITY AT ABOUT THREE PERCENT BELOW THE OPTIMUM WATER CONTENT. THE SAMPLE IS CONFINED UNDER A 100 PSF SURCHARGE AND SUBMERGED.



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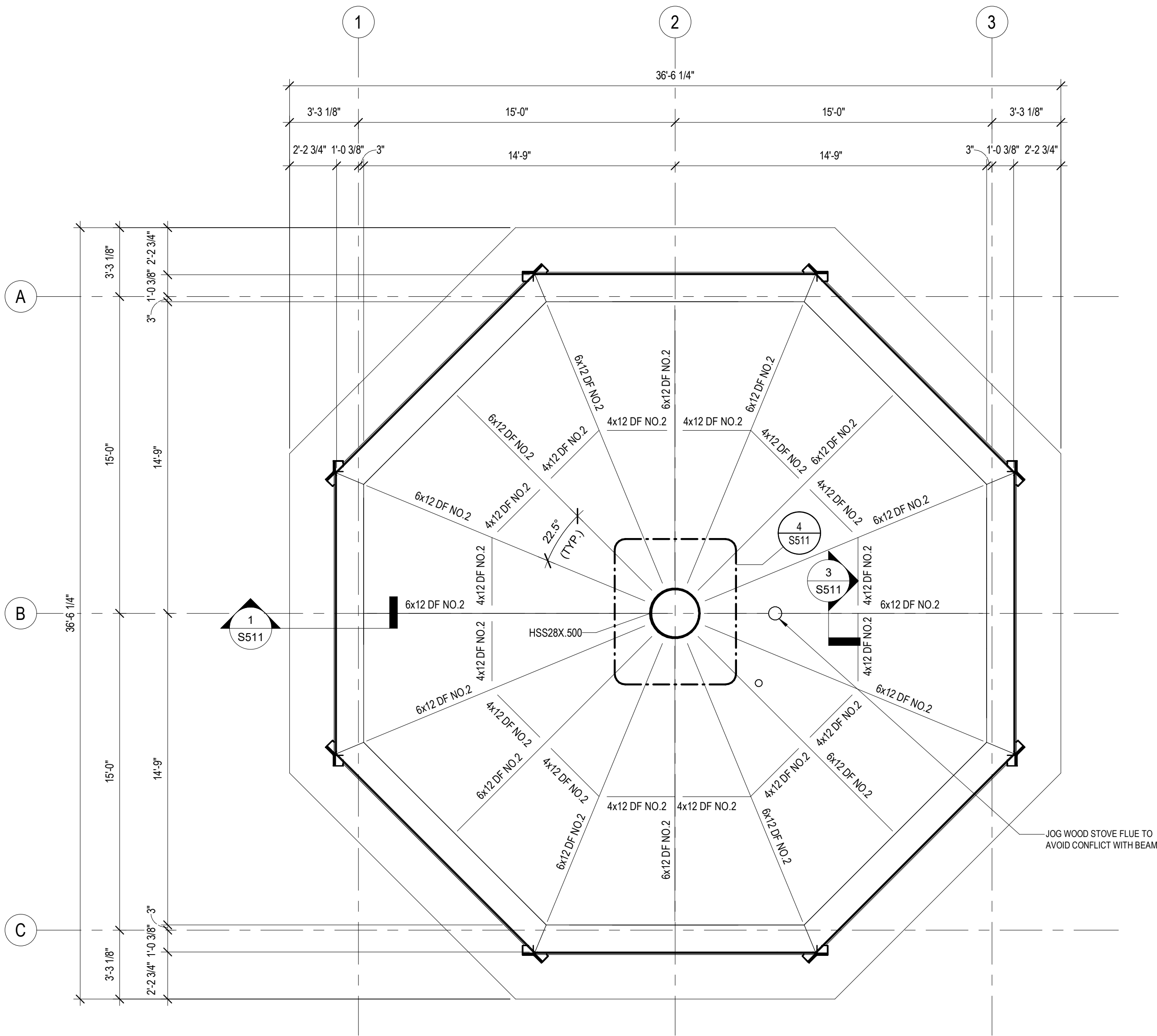
SEH Project	191073
Checked By	SJH
Drawn By	CC

Project Status	Issue Date
BID & PERMIT SET	06-12-2028

REVISION SCHEDULE		
REV. #	DESCRIPTION	DATE

FOUNDATION PLAN

S101



1
S113
1/4" = 1'-0"

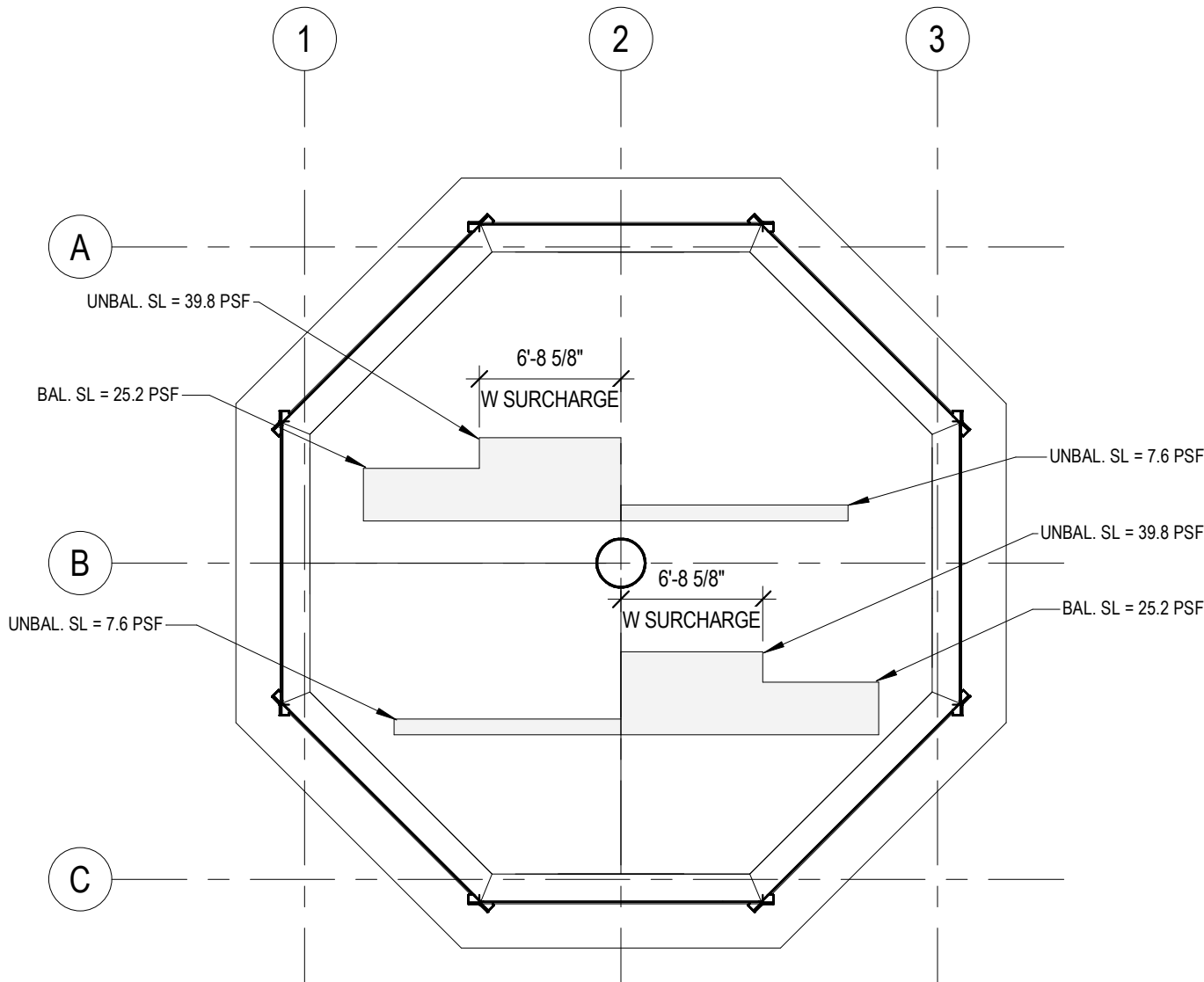
ROOF PLAN GENERAL NOTES:

(TYPICAL UNLESS NOTED OTHERWISE)

- STRUCTURAL CLT ROOF PANELS AND ATTACHMENT TO BE DESIGNED BY CLT MANUFACTURER.
- STRUCTURAL CLT WALL PANELS AND ATTACHMENT TO BE DESIGNED BY CLT MANUFACTURER.
- SEE SHEET S511 FOR FRAMING DETAILS.
- TOP OF BEAM ELEVATION (TBE): VARIES (REFERENCE ARCH. DRAWINGS).
- VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
- SEE PLAN FOR ROOF FRAMING SIZES.
- DL = DEAD LOAD
SL = SNOW LOAD
WL = WIND LOAD

TYPICAL RAFTER REACTIONS AT CLT WALL PANELS					
VERTICAL FORCE (DOWNWARD)			HORIZONTAL THRUST (OUT OF PLANE)		
DL (KIP)	SL (KIP)	WL (KIP)	DL (KIP)	SL (KIP)	WL (KIP)
1.0	1.3	0.27	1.3	1.5	0.29

TYPICAL LATERAL LOAD AT TOP OF EACH CLT WALL PANEL		
SHEAR FORCE (IN PLANE)		
DL (KIP)	SL (KIP)	WL (KIP)
--	--	3.2



2
S113
1/8" = 1'-0"



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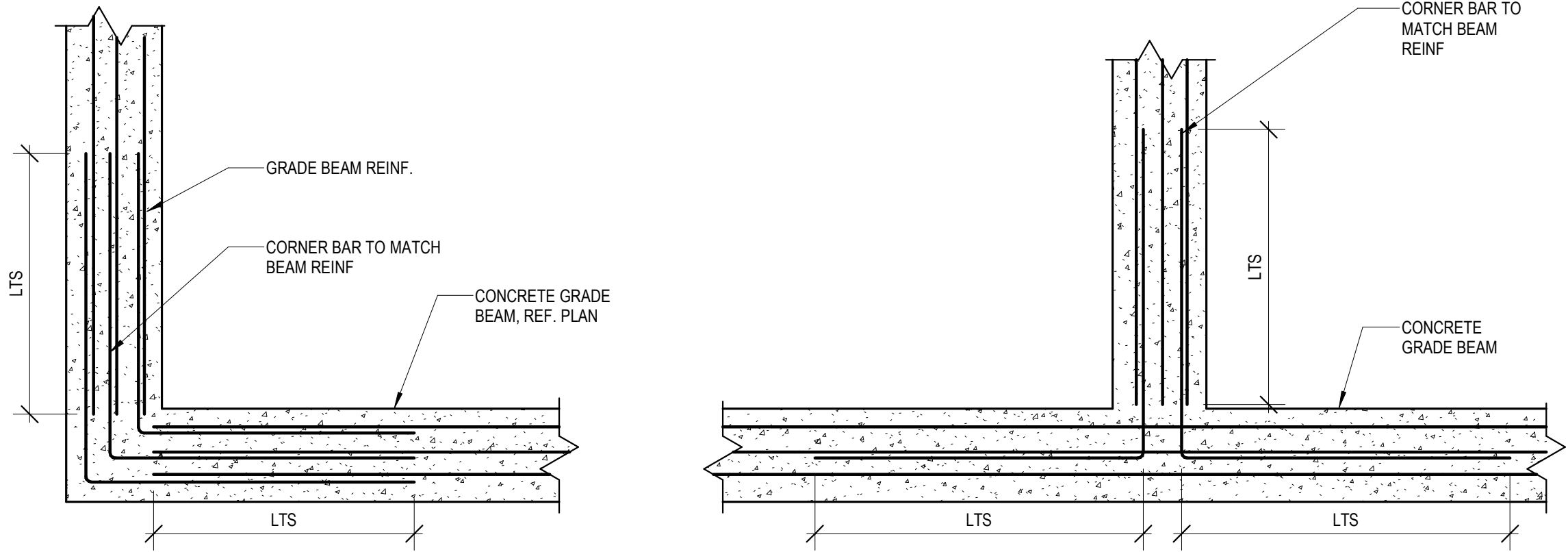
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Project Status Issue Date
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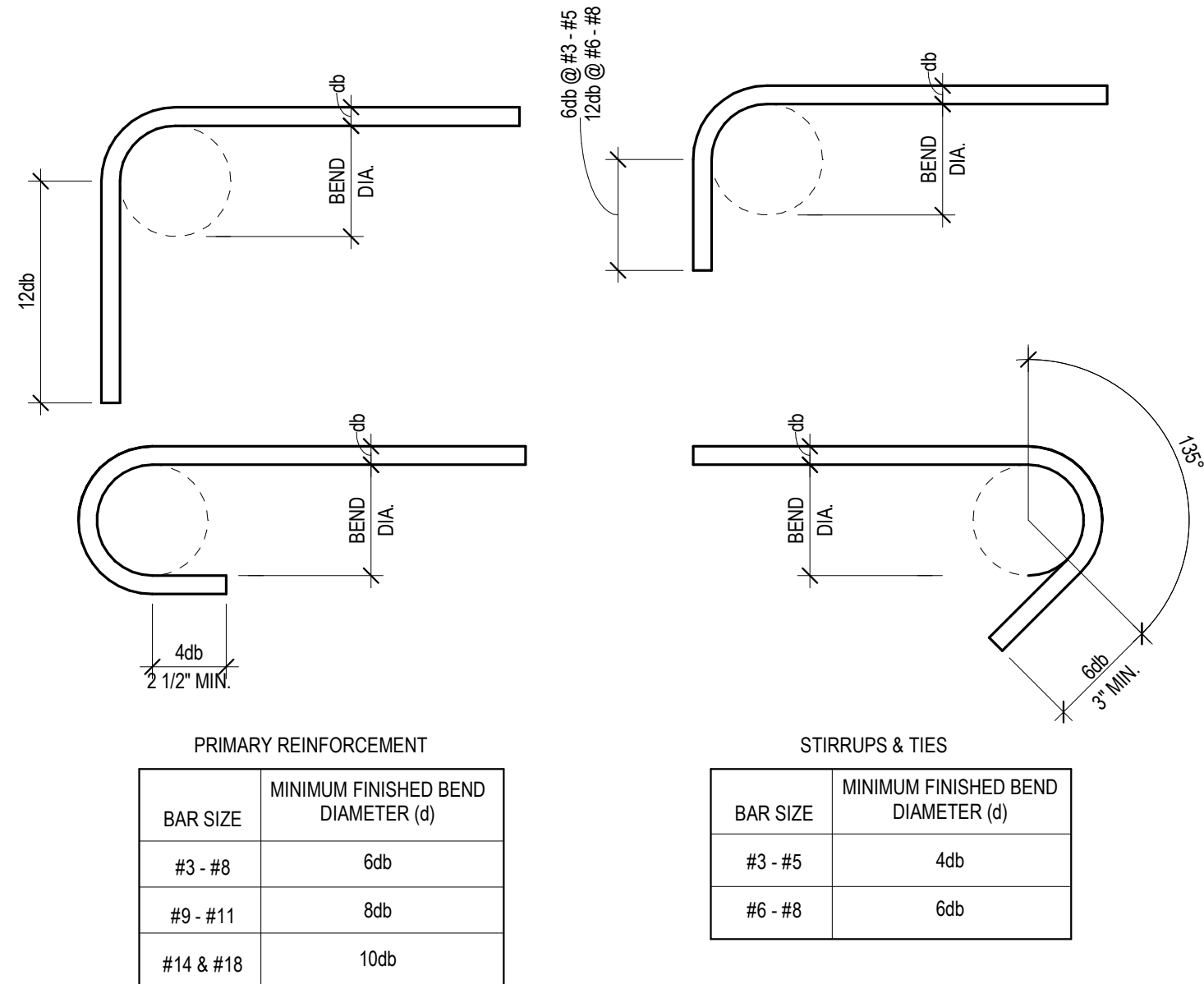
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ROOF PLAN

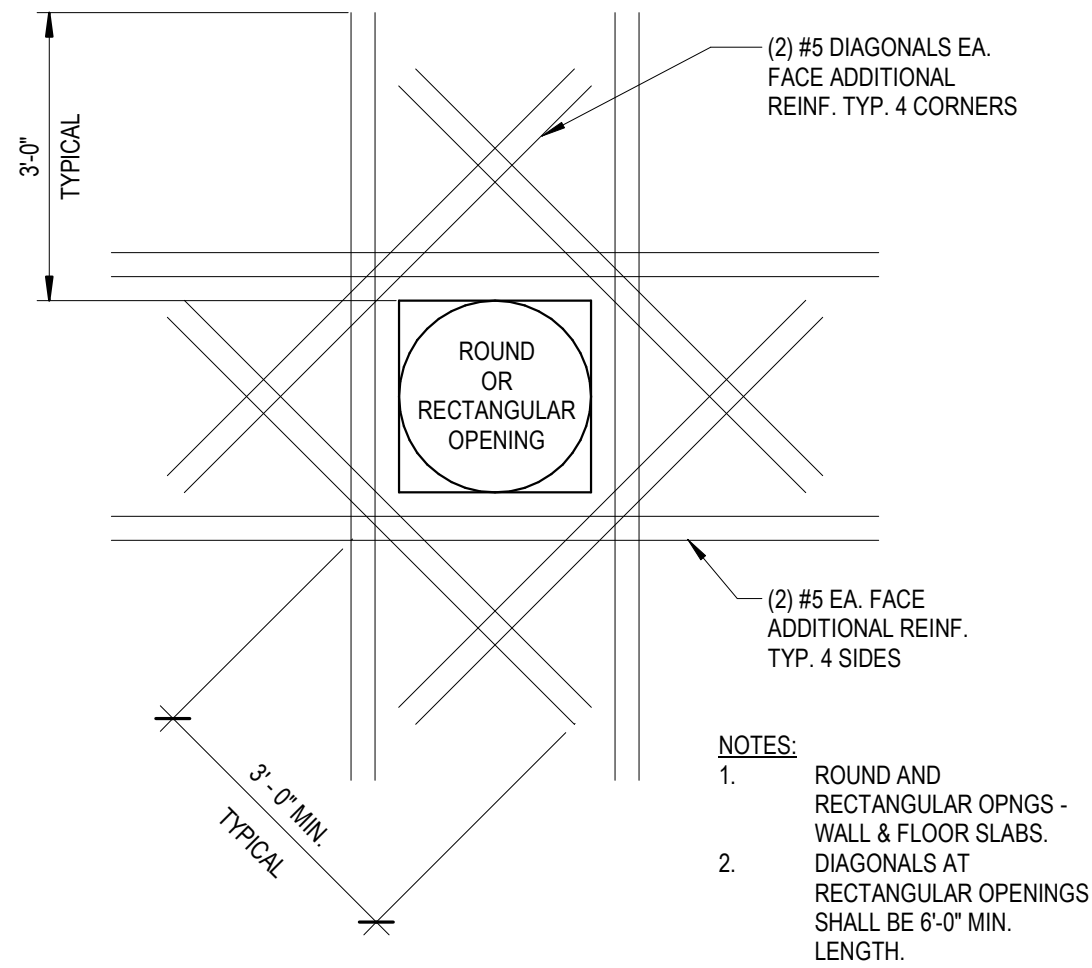
S113



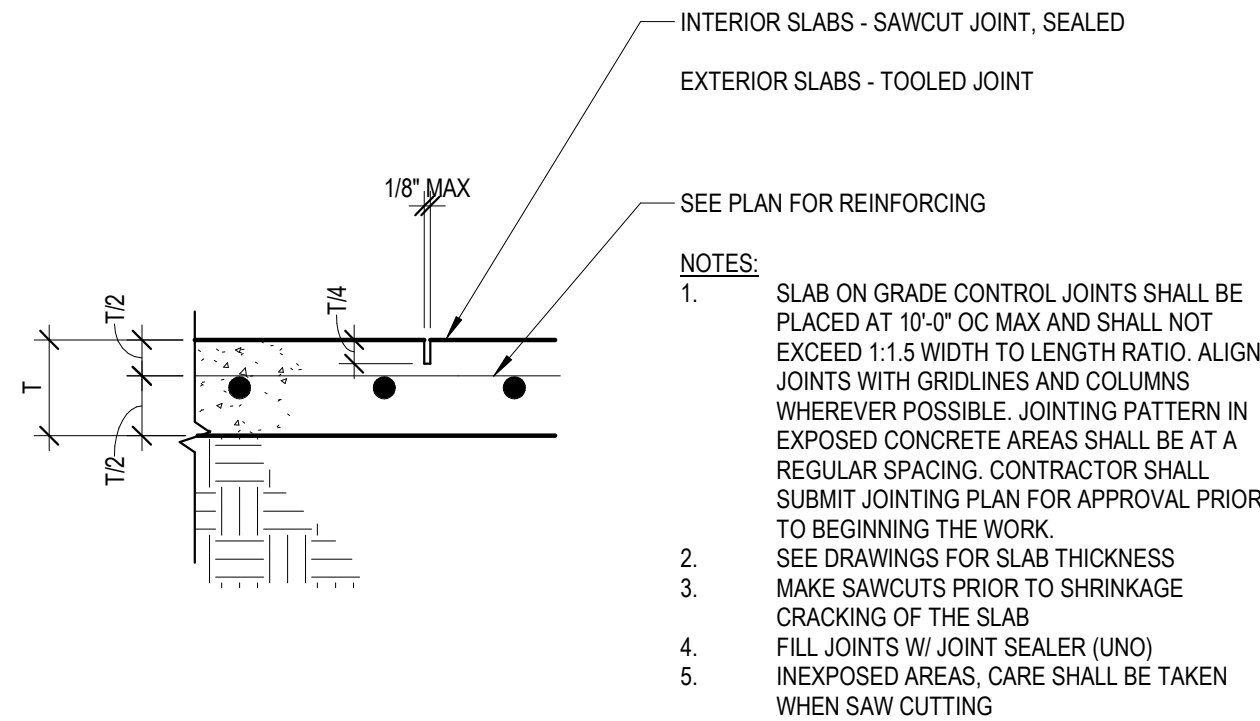
1 FOUNDATION WALL CORNER REINF
S500 12" = 1'-0"



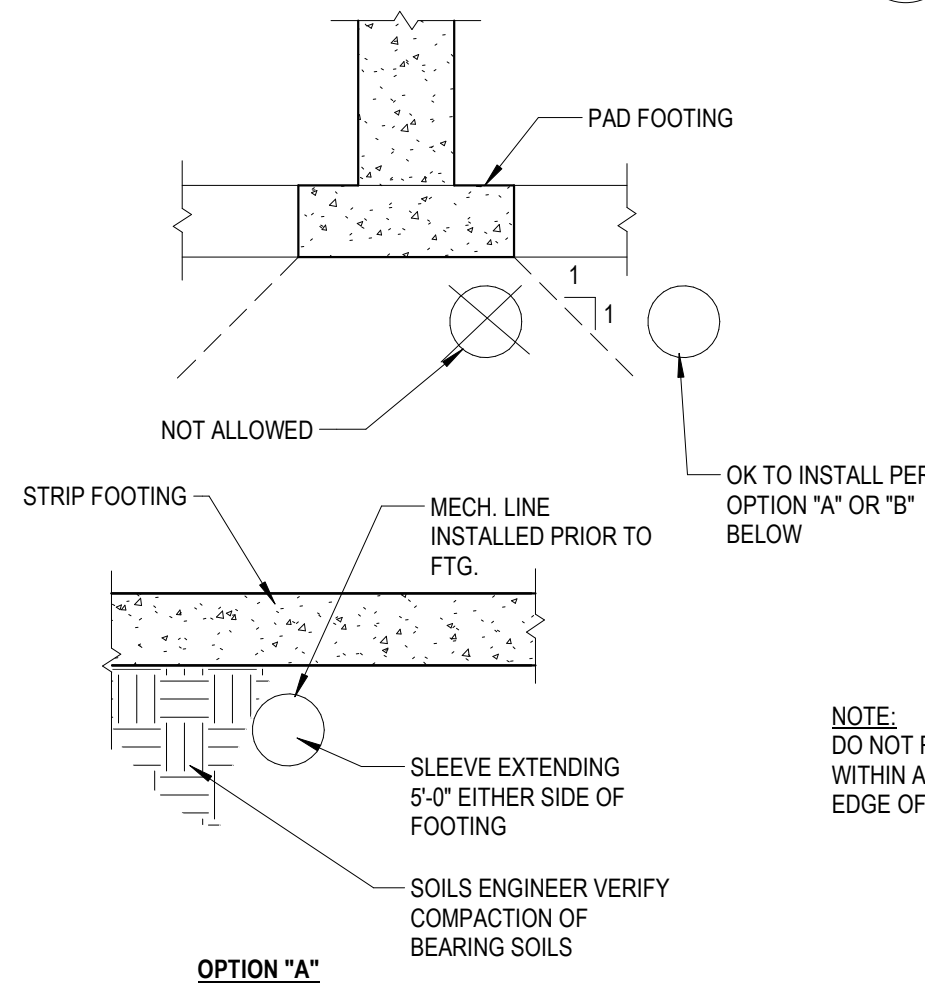
2 STANDARD HOOK DETAILS
S500 1" = 1'-0"



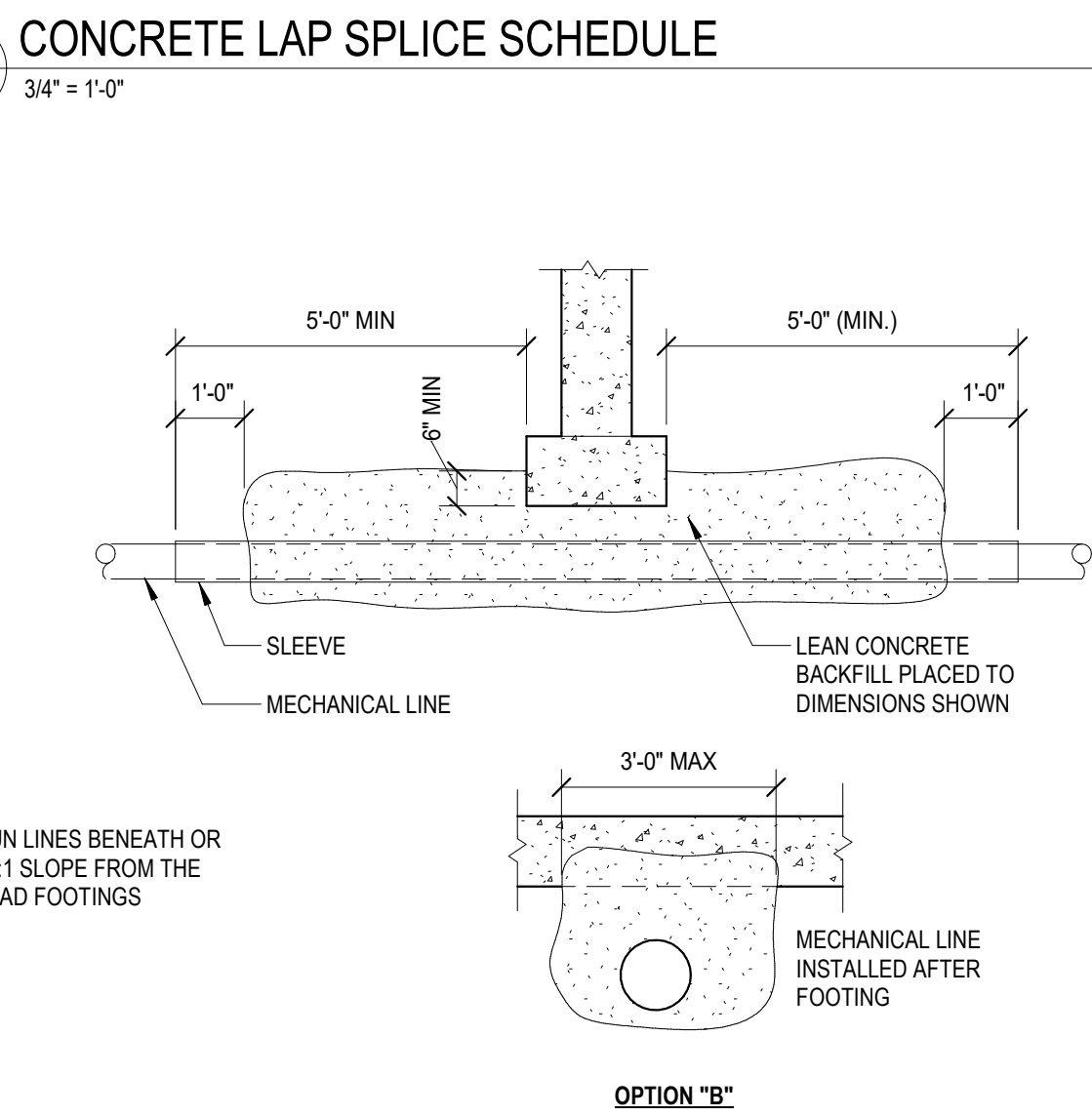
4 OPENING REINFORCEMENT DETAIL
S500 1/2" = 1'-0"



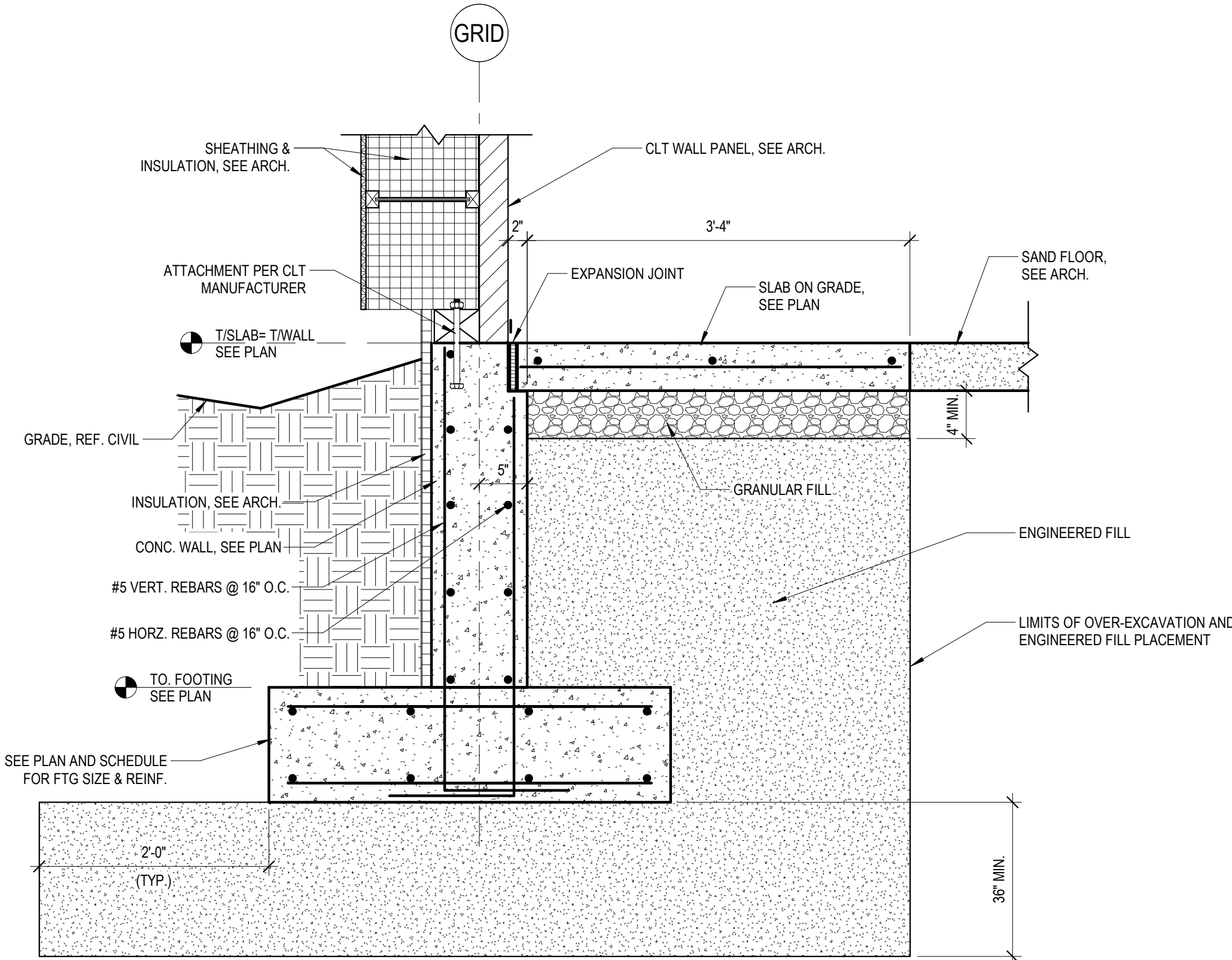
5 SLAB ON GRADE CONTROL JOINT
S500 1" = 1'-0"



6 CONTRACTOR OPTIONS
S500 3/4" = 1'-0"



3 CONCRETE LAP SPLICE SCHEDULE
S500 3/4" = 1'-0"



7 TYPICAL WALL FOOTING DETAIL
S500 1" = 1'-0"

SPLICE AND DEVELOPMENT LENGTHS FOR UNCOATED BARS				
BAR SIZE	MIN BAR SPACING (INCH)	COMPRESSION LAP SPLICE (LCS) (INCH)	TENSION LAP SPLICE (LTS) $f_c = 4,500$ PSI (INCH)	
			TOP BARS (NOTE 8)	OTHERS (NOTE 9)
#3	1.875	12	23	18
#4	2.000	15	31	24
#5	2.125	19	38	29
#6	2.250	23	46	35
#7	2.375	27	66	51
#8	2.500	30	76	58
#9	2.875	34	85	66
#10	3.250	39	96	74
#11	3.625	43	107	82

- NOTES:**
- TABULATED VALUES ARE PER ACI 318-19 REQUIREMENTS FOR NORMAL WEIGHT CONCRETE. THE VALUES ON THIS SHEET DO NOT APPLY TO LIGHTWEIGHT CONCRETE.
 - SEE TYPICAL DETAILS AND NOTES FOR CONCRETE COVER
 - MINIMUM BAR SPACING IS MEASURED CENTER TO CENTER OF BAR
 - WHERE ACTUAL CONDITIONS DIFFER FROM THE CLEAR COVER SHOWN ON THE TYPICAL DETAILS OR DIFFER FROM PROVIDED SCHEDULED BAR SIZE, MINIMUM SPACING AND/OR f_c LENGTHS SHALL BE ADJUSTED ONLY WITH THE APPROVAL OF THE ENGINEER
 - WHERE BARS OF DIFFERENT SIZES ARE LAP SPliced IN TENSION, THE LAP LENGTH SHALL BE THE LAP SPLICE LENGTH (LTS) OF THE SMALLER BAR
 - WHERE BARS OF DIFFERENT SIZES ARE LAP SPliced IN COMPRESSION, THE COMPRESSION LAP LENGTH (LCS) SHALL BE THE COMPRESSION LAP SPLICE LENGTH (LCS) OF THE SMALLER BAR
 - FOUNDATION WALL LAP SPLICES ARE BASED ON A MINIMUM 2 INCH CLEAR COVER. IF CLEAR COVER IS REDUCED ON INTERIOR FACE, LAP SPLICES MUST BE REVISED
 - HORIZONTAL OR DIAGONAL BARS WITH 12" OR MORE OF CONCRETE PLACED BELOW THEM. (EG. WALL HORIZONTALS)
 - VERTICAL BARS; AND HORIZONTAL OR DIAGONAL BARS WITH LESS THAN 12" OF CONCRETE PLACED BELOW THEM.



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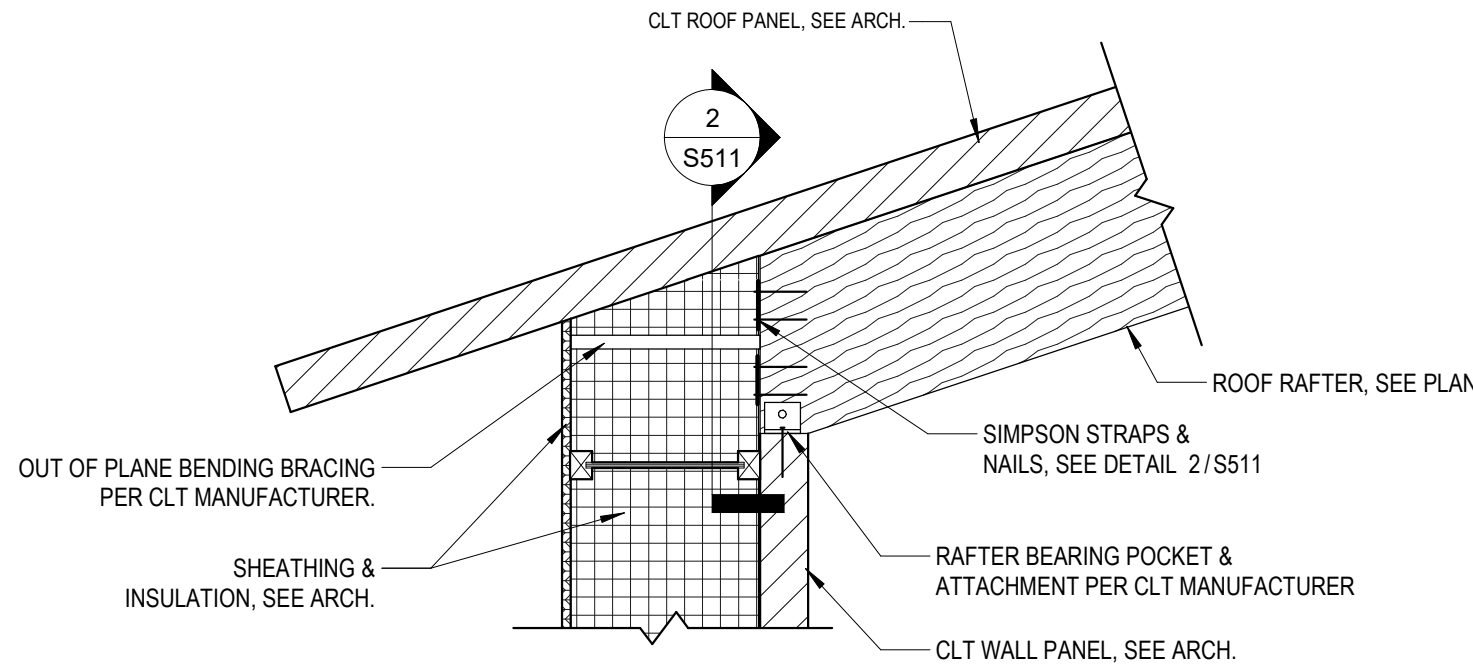
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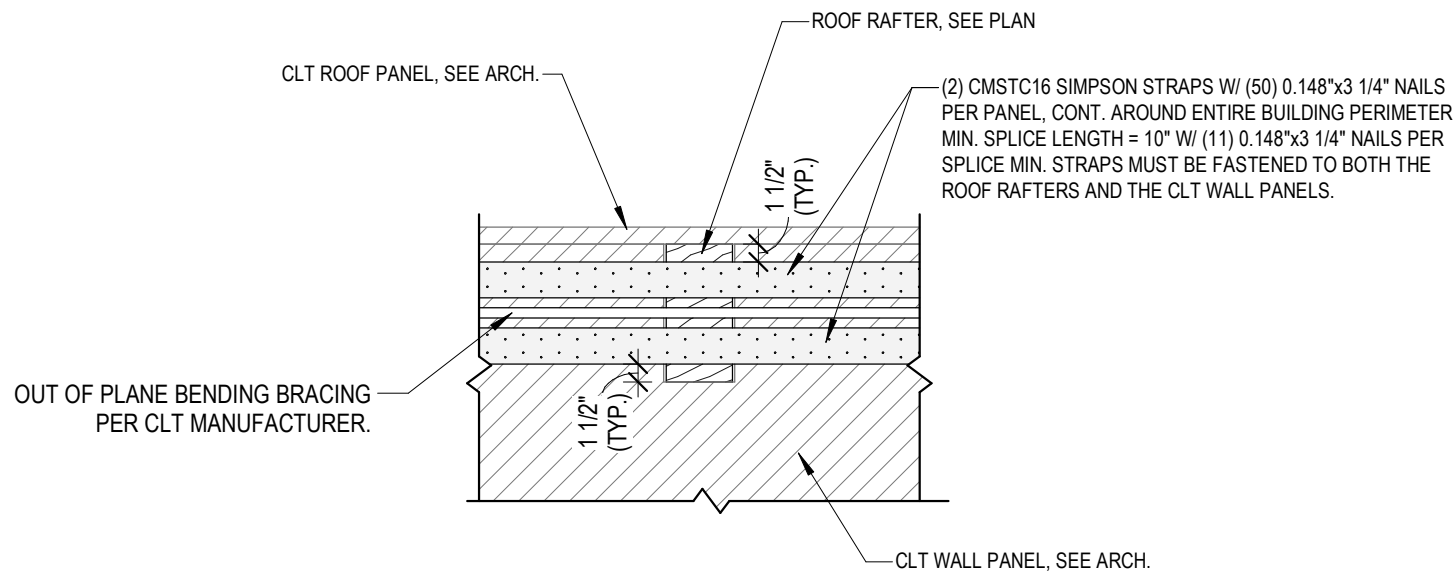
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FOUNDATION DETAILS

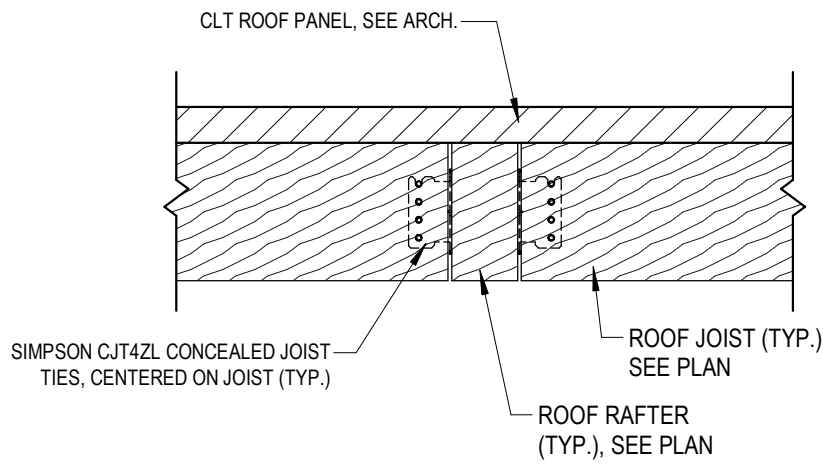
S500



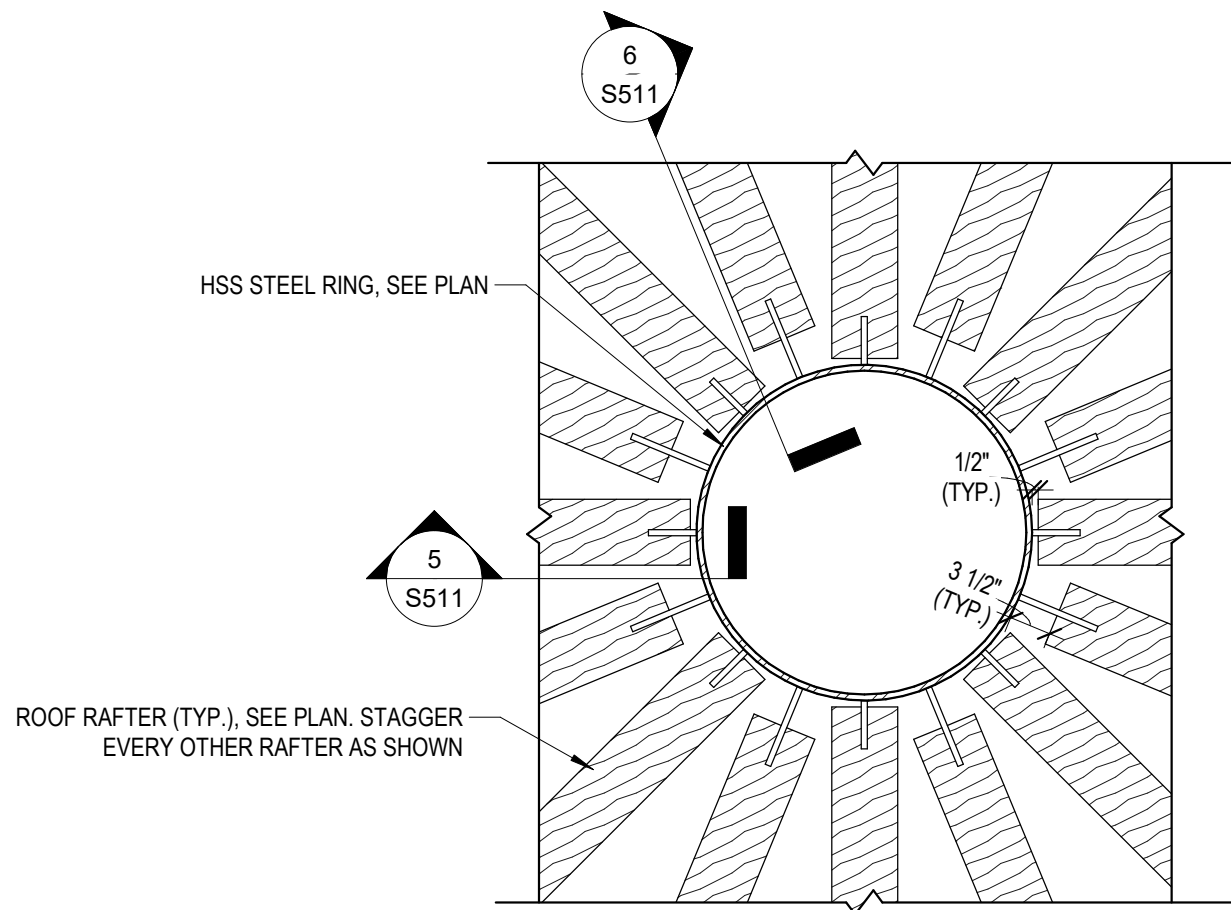
1
S511
TYPICAL ROOF RAFTER ATTACHMENT DETAIL - SIDE VIEW
1" = 1'-0"



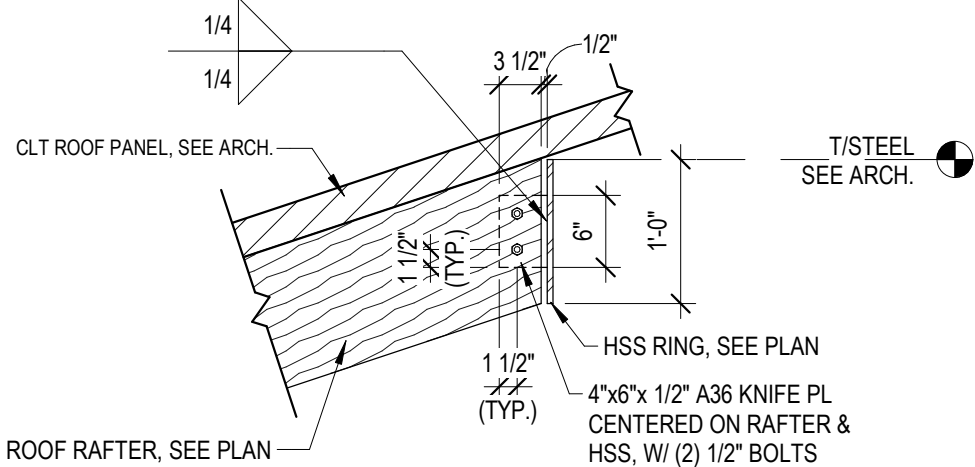
2
S511
TYPICAL ROOF RAFTER ATTACHMENT DETAIL - FRONT VIEW
3/4" = 1'-0"



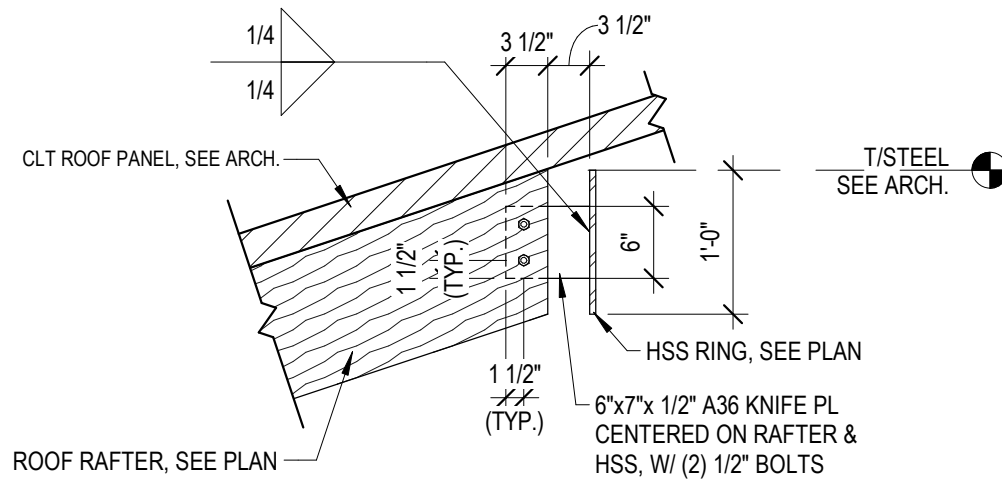
3
S511
TYPICAL ROOF JOIST TO RAFTER CONNECTION
3/4" = 1'-0"



4
S511
RAFTERS TO HSS STEEL RING CONNECTION PLAN VIEW
3/4" = 1'-0"



5
S511
RAFTERS TO HSS STEEL RING CONNECTION SECTION - 4" PLATE
3/4" = 1'-0"



6
S511
RAFTERS TO HSS STEEL RING CONNECTION SECTION - 7" PLATE
3/4" = 1'-0"

SCHEMATIC SYMBOLS	
	OCCUPANCY SENSOR, CEIL MOUNT
	OCCUPANCY SENSOR, WALL MOUNT
	ANTENNA
	AT MOTOR (SCHEMATIC DEVICE LOCATION)
	AT PLC (SCHEMATIC DEVICE LOCATION)
	AT MFR CP (SCHEMATIC DEVICE LOCATION)
	CONNECTION POINT
	EXTERNAL CONNECTION POINT
	GROUND
	CIRCUIT BREAKER
	DRAWOUT CIRCUIT BREAKER
	SWITCH
	FUSE
	NORMALLY OPEN PUSH-BUTTON
	NORMALLY CLOSED PUSH-BUTTON
	SELECTOR SWITCH
	POTENTIOMETER
	NORMALLY CLOSED CONTACTS
	NORMALLY OPEN CONTACTS
	FIXED CAPACITOR
	MUSHROOM HEAD PUSH-BUTTON
	NORMALLY CLOSED LIMIT SWITCH
	NORMALLY OPEN LIMIT SWITCH
	SOLENOID
	FLOAT SWITCH (OPENING ON RISING LEVEL)
	FLOAT SWITCH (CLOSING ON RISING LEVEL)
	SWITCH (OPENING ON INCREASE)
	SWITCH (CLOSING ON INCREASE)
	TEMPERATURE SWITCH (OPENING ON RISING LEVEL)
	TEMPERATURE SWITCH (CLOSING ON RISING LEVEL)
	ON TIME DELAY SWITCH (TIME DELAY AFTER COIL IS ENERGIZED)
	OFF TIME DELAY SWITCH (TIME DELAY BEFORE COIL IS ENERGIZED)
	FLOW SWITCH (OPENING ON INCREASE IN FLOW)
	FLOW SWITCH (CLOSING ON INCREASE IN FLOW)
	TORQUE SWITCH (NORMALLY CLOSED)
	TORQUE SWITCH (NORMALLY OPEN)
	ENGINE DRIVEN GENERATOR
	MOTOR - NUMBER DENOTES HORSEPOWER
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	METERING DEVICE
	FUSED DISCONNECT
	MAGNETIC STARTER
	THERMAL OVERLOAD RELAY
	SURGE SUPPRESSION
	TRANSFORMER
	ALARM HORN
	KEY INTERLOCK
	PILOT LIGHT
	STARTER, CONTACTOR OR RELAY COIL

ELECTRICAL SYMBOL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
LIGHTING		POWER	
	SURFACE LIGHT (TYPE DENOTED)		SINGLE RECEPT.
	WALL MOUNTED FLOODLIGHT (TYPE DENOTED)		DUPLEX RECEPT.
	RECESSED LIGHT (TYPE DENOTED)		SPLIT DUPLEX RECEPT.
	POLE MOUNTED LIGHT (TYPE DENOTED)		ISOLATED GROUND RECEPT (DUPLX SHOWN)
	POLE MOUNTED FLOODLIGHT (TYPE DENOTED)		RECEPT ON EMERGENCY CKT (DUPLX SHOWN)
	SURFACE LINEAR LIGHT (TYPE DENOTED)		QUADPLEX RECEPT.
	STRIP LIGHT (TYPE DENOTED)		QUADRAPLEX PLEX RECEPTACLE ON EMERGENCY CIRCUIT
	TRACK AND TRACK LIGHT (TYPES DENOTED)		FLOOR RECEPT. (DUPLX SHOWN)
	EMERGENCY BATTERY LIGHT (TYPE DENOTED)		RECEPT ON DROP CORD (DUPLX SHOWN)
	EXIT SIGN (TYPE DENOTED)		RECEPT ON CORD REEL (DUPLX SHOWN)
	LIGHT FIXTURE ON EMERGENCY CIRCUIT		SPECIAL RECEPT. OR CONN. (SEE SCHEDULE)
	SINGLE POLE SW.		JUNCTION BOX (WALL MOUNTED)
	2 POLE SINGLE THROW SW.		JUNCTION BOX (FLOOR MOUNTED)
	3-WAY SW.		HALF-TONE SYMBOL INDICATES EXISTING
	4-WAY SW.		DASHED SYMBOL INDICATES REMOVED
	KEYED SW.		MULTIOUTLET ASSEMBLY (TYPE DENOTED)
	SW. W/PILOT		POWER POLE (OPEN OFFICE STYLE)
	DIMMER SWITCH		STATIC GROUND RECEPTACLE (TYPE DENOTED)
	OCCUPANCY SENSOR SWITCH		LIGHTNING PROTECTION AIR TERMINAL
	MANUAL MOTOR STARTER SWITCH		GROUND ROD (PLAN VIEW)
	WEATHER PROOF SWITCH		UTILITY SERVICE POWER POLE (SITE)
	TIMER SWITCH		CIRCUIT BREAKER PANEL
	MOMENTARY CONTACT SWITCH		POWER OR DISTRIBUTION PANEL
	TIME DELAY SWITCH		TRANSFORMER (TYPE DENOTED)
	OCCUPANCY SENSOR - TYPE DENOTED		MOTOR (SEE SCHEDULE)
	LIGHT LEVEL SENSOR - TYPE DENOTED		COMB. MOTOR STARTER (FUSED)
	PHOTOCELL		SAFETY DISC. SW. (NON-FUSED)
SYSTEMS			SAFETY DISC. SW. (FUSED)
	TELEPHONE OUTLET (TYPE DENOTED)		
	INFORMATION OUTLET (TYPE DENOTED)		
	COMBINATION TELEPHONE/DATA OUTLET		
	WIRELESS ACCESS POINT		
	CLOCK (TYPE DENOTED)		
		SECURITY	
		FIRE ALARM	
		INSTRUMENTATION	
		WIRING AND GROUNDING	

ELECTRICAL ABBREVIATIONS LIST					
1P	1 POLE (2P, 3P, 4P, ETC.)	CTR	CENTER	HT	HEIGHT
A	AMPERE	CJ	COPPER	HTG	HEATING
AC	ABOVE COUNTER OR AIR	DCP	DOMESTIC WATER CIRCULATING PUMP	HTR	HEATER
	CONDITIONER	DEPT	DEPARTMENT	HV	HIGH VOLTAGE
ACLG	ABOVE CEILING	DET	DETAIL	HVAC	HEATING, VENTILATING AND AIR
ADO	AUTOMATIC DOOR OPENER	DIA	DIAMETER		CONDITIONING
AF	AMP FRAME	DISC	DISCONNECT	N.O.	NORMALLY OPEN
AFB	ABOVE FINISHED FLOOR	DIST	DISTRIBUTION	NPF	NORMAL POWER FACTOR
AFG	ABOVE FINISHED GRADE	DN	DOWN	NTS	NOT TO SCALE
AFI	ARC FAULT CIRCUIT	DPR	DAMPER	OH	OVERHEAD
	INTERRUPTER	DS	SAFETY DISCONNECT SWITCH	OL	OVERLOADS
AHU	AIR HANDLING UNIT	DT	DOUBLE THROW	PA	PUBLIC ADDRESS
AL	ALUMINUM	DWG	DRAWING	PB	PULL BOX OR PUSHBUTTON
ALT	ALTERNATE	EC	ELECTRICAL CONTRACTOR	PE	PNEUMATIC ELECTRIC
AMP	AMPERE	ELEC	ELECTRIC, ELECTRICAL	PEO	PEDESTAL
AMPL	AMPLIFIER	ELEV	ELEVATOR	PF	POWER FACTOR
ANNUN	ANNUNCIATOR	EM	EMERGENCY	PH	PHASE
APPROX	APPROXIMATELY	EMS	ENERGY MANAGEMENT SYSTEM	PV	POST INDICATING VALVE
AQ-STAT	AQUASTAT	EMT	ELECTRICAL METALLIC TUBING	PNL	PANEL
ARCH	ARCHITECT, ARCHITECTURAL	EP	ELECTRIC PNEUMATIC	PP	POWER POLE
AS	AMP SWITCH	EQUIP	EQUIPMENT	PR	PAIR
AT	AMP TRIP	EWC	ELECTRIC WATER COOLER	PRI	PRIMARY
ATS	AUTOMATIC TRANSFER SWITCH	EXIST	EXISTING	PROJ	PROJECTION
AUTO	AUTOMATIC	EXH	EXHAUST	PRV	POWER ROOF VENTILATOR
AUX	AUXILIARY	EXP	EXPLOSION PROOF	PT	POTENTIAL TRANSFORMER
AV	AUDIO VISUAL	FA	FIRE ALARM	PVC	POLYVINYL CHLORIDE (CONDUIT)
AWG	AMERICAN WIRE GAUGE	FABP	FIRE ALARM BOOSTER POWER	PWR	POWER
BATT	BATTERY	FACP	SUPPLY PANEL	QUAN	QUANTITY
BD	BOARD	FACS	FIRE ALARM CONTROL PANEL	RCPT	RECEPTACLE
BLDG	BUILDING	FCU	FAN COIL UNIT	REQD	REQUIRED
BMS	BUILDING MANAGEMENT SYSTEM	FIXT	FIXTURE	RM	ROOM
C	CONDUIT	FLR	FLOOR	RSC	RIGID STEEL CONDUIT
CAB	CABINET	FLUOR	FLUORESCENT	RTU	ROOF TOP UNIT
CAT	CATALOG	FU	FUSE	SC	SURFACE CONDUIT
CATV	CABLE TELEVISION	FUDS	FUSED SAFETY DISCONNECT SWITCH	SEC	SECONDARY
CB	CIRCUIT BREAKER	GA	GAUGE	SHT	SHEET
CCTV	CLOSED CIRCUIT TELEVISION	GAL	GALLON	SIM	SIMILAR
CKT	CIRCUIT	GALV	GALVANIZED	SIN	SOLID NEUTRAL
CLG	CEILING	GC	GENERAL CONTRACTOR	SPEC	SPECIFICATION
COMB	COMBINATION	GEN	GENERATOR	SPKR	SPEAKER
CMR	COMPRESSOR	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SP	SPARE
CONN	CONNECTION	GFP	GROUND FAULT PROTECTOR	SR	SURFACE RACEWAY
CONST	CONSTRUCTION	GND	GROUND	SS	STAINLESS STEEL
CONT	CONTINUATION OR CONTINUOUS	GRS	GALVANIZED RIGID STEEL (CONDUIT)	SSW	SELECTOR SWITCH
CONTR	CONTRACTOR	GYP BD	GYPSUM BOARD	S/S	STOP/START PUSHBUTTONS
CONV	CONVECTOR	HOA	HANDS-OFF-AUTOMATIC SWITCH	STA	STATION
CP	CIRCULATING PUMP	HORIZ	HORIZONTAL	STD	STANDARD
CRT	CATHODE-RAY TUBE	HP	HORSEPOWER	SURF	SURFACE MOUNTED
CT	CURRENT TRANSFORMER	HPF	HIGH POWER FACTOR	SW	SWITCH

ELECTRICAL SYMBOL NOTES	
	FIXTURE TYPE
	SWITCH DESIGNATION
	CIRCUIT NUMBER
	FIXTURE TYPE
	CHEVRON DIRECTION
	SHADE = EXIT FACE
	CIRCUIT NUMBER
	SWITCH IDENTIFICATION

PANELBOARD IDENTIFICATION	
EQUIPMENT DESIGNATION	CODE
304W, 480Y/277V	PP
303W, 480	P
304W, 208Y/120V	LP
103W, 240/120V	L
SYSTEMS DESIGNATION	
NORMAL	(BLANK)
EMERGENCY	E
UNINTERRUPTIBLE POWER SOURCE	U
SYSTEM DESIGNATION	
EQUIPMENT DESIGNATION	FLOOR OF STRUCTURE
	PANEL NUMBER
	LPE-102



Project Owner
Farmington Municipal Schools
3401 E. 30th Street
Farmington, New Mexico 87402

FARMINGTON MUNICIPAL SCHOOLS
CULTURAL HOGAN
Tibbett's Middle School
3500 Twin Peaks Blvd.
Farmington, NM 87401

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SEH Project
Checked By
Drawn By

191073 AGSOL
JS
NS

Project Status
100% ISSUE FOR PERMIT

Issue Date
06-12-2026

REVISION SCHEDULE		
REV. #	DESCRIPTION	DATE

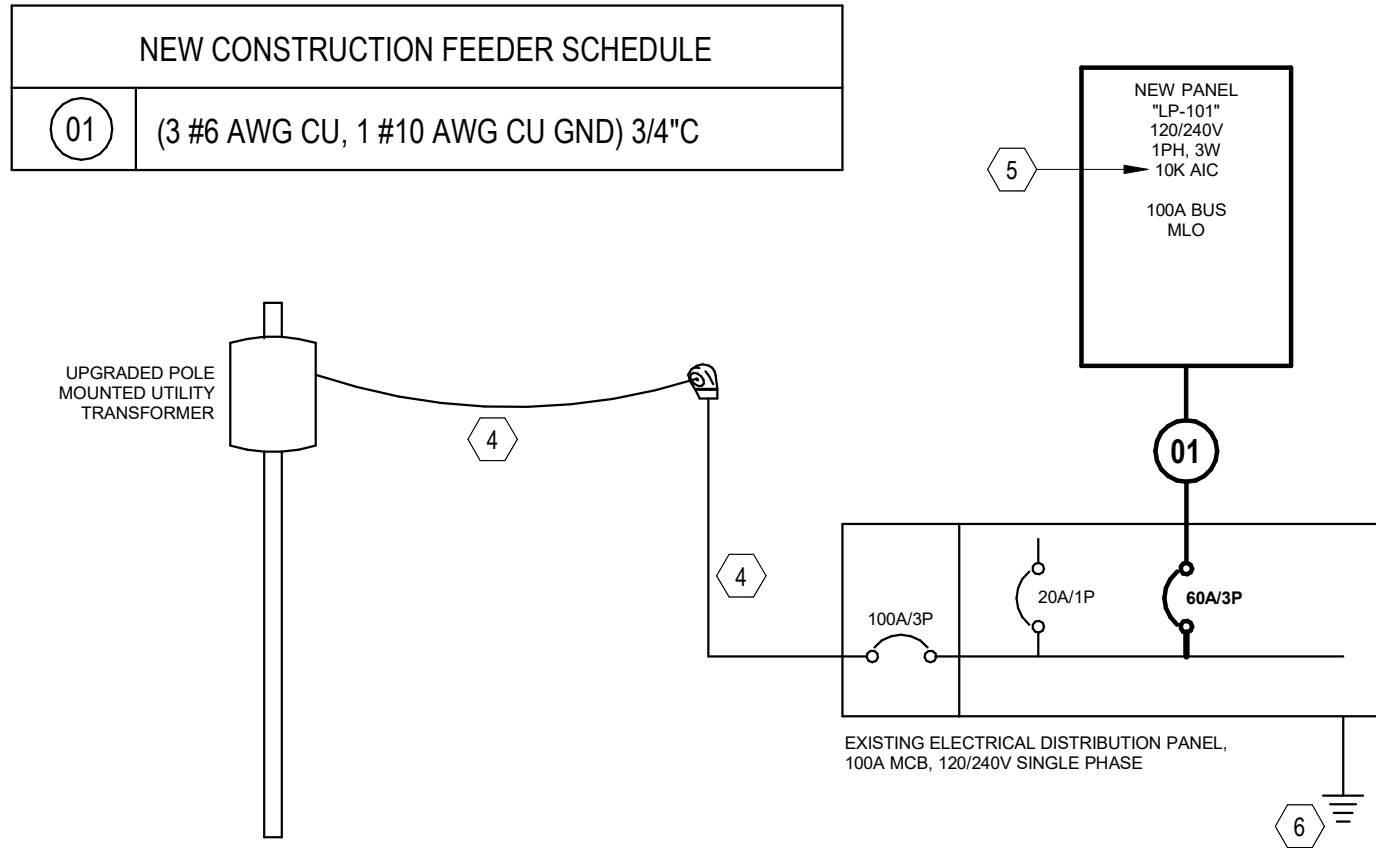
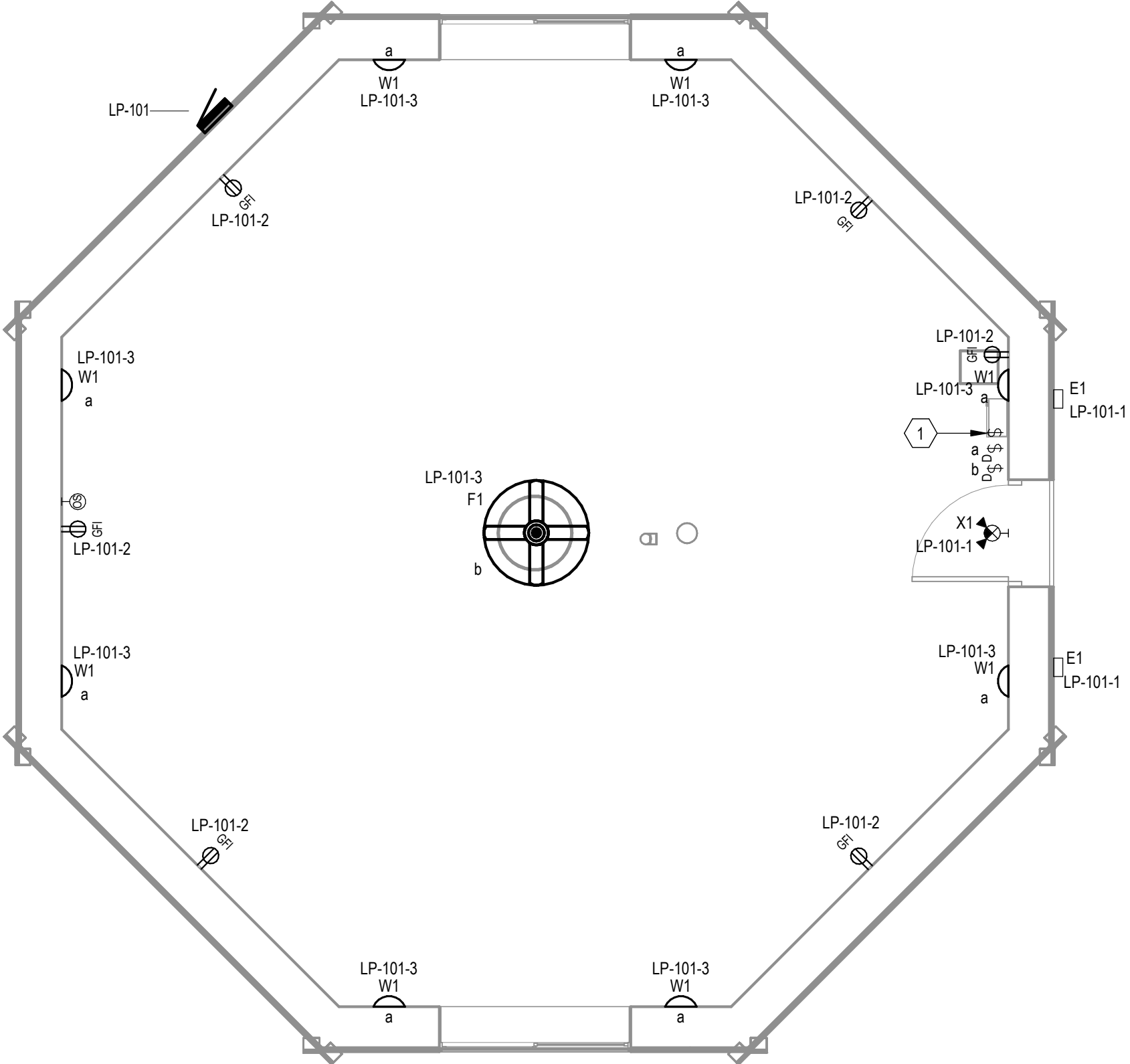
ELECTRICAL TITLE SHEET

ELECTRICAL SHEET LIST	
SHEET NUMBER	SHEET NAME
E001	ELECTRICAL TITLE SHEET
E100	ELECTRICAL PLANS



1 ELECTRICAL SITE PLAN
1" = 20'-0"

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



3 ONE LINE DIAGRAM
NOT TO SCALE

LOCATION:

MOUNTING: FLUSH NEMA1

MAIN DEVICE: MLO

BUS AMPS: 100 AMPS

PANELBOARD: LP-101

VOLTAGE: 120/240 V. 1 ø 3 W.

A.I.C. RATING: 10,000 AMPS SYMMETRICAL

SPECIAL:

LOAD DESCRIPTION	BKR	POLES	CKT	A		B		CKT	POLES	BKR	LOAD DESCRIPTION
LITES - EGRESS	20.0 A	1	1	101 VA	900 VA			2	1	20.0 A	RCPT - INTERIOR
LITES - FAN, SCONCES	20.0 A	1	3			762 VA	0 VA	4	1	20.0 A	SPARE
SPACE	--	1	5	--	--			6	1	--	SPACE
SPACE	--	1	7			--	--	8	1	--	SPACE
SPACE	--	1	9	--	--			10	1	--	SPACE
SPACE	--	1	11			--	--	12	1	--	SPACE
TOTAL LOAD:				1 kVA		1 kVA					
TOTAL AMPS:				8 A		6.3 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
LITES	857 VA	125.00%	1072 VA	CONNECTED LOAD:	1754 VA
RECEPTACLE	900 VA	100.00%	900 VA	ESTIMATED DEMAND:	1968 VA
				CONNECTED CURRENT:	7.3 A
				EST. DEMAND CURRENT:	8.2 A
NOTES:					

LIGHT FIXTURE SCHEDULE							
TYPE	LED SOURCE			FIXTURE DISCRPTION	VOLTAGE	WATTS	MOUNTING
	LUMENS	CCT	CRI				
W1	4000	3000K	80	INTERIOR WALL SCONCE LED, DIMMABLE	MVOLT 120/277	84	SEE ARCH
E1	3000	3000K	80	EXTERIOR WALL PACK LED W/ EM BATTERY	120V	20	SEE ARCH
F1	1500	3000K	---	CEILING FAN WITH INTEGRATED LED LIGHT	120V	19	SEE ARCH
X1	---	---	---	EMERGENCY EGRESS LED WALL PACK / EXIT LIGHT COMBO	MVOLT 120/277	7	WALL @ 8' 6" AFF
MANUFACTURER, SERIES, AND CATALOG NUMBER							
COOPER: 164-12-W-L2/830-UNV-TC / 164-12-SHD-LOLA							
INVUE: ENC-SA1A-830-1-T2-BZ-CBP-BPC-AHD355							
DELTA: VCA728LED-HEBK							
SURE LITES: LPXC G 55 SF							

GENERAL NOTES:
A. THE FIXTURES LISTED IN THIS SCHEDULE REPRESENT A BASIS OF DESIGN. EQUIPMENT FIXTURES PROVIDED BY OTHER MANUFACTURES WILL BE CONSIDERED PER ENGINEER APPROVAL.

SITE POWER GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2020 NATIONAL ELECTRIC CODE, NATIONAL, STATE, AND LOCAL CODES.
- AN EFFORT HAS BEEN MADE TO DOCUMENT EXISTING DIVISION 26/27/28 UTILITIES. THESE UTILITIES ARE INDICATED IN A GENERAL LOCATION AND ARE NOT TO BE ASSUMED ACCURATE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND VERIFYING EXACT LOCATIONS AND TYPES OF ALL UTILITIES. CONTRACTOR SHALL REROUTE, EXTEND, AND/OR REPLACE UTILITIES AWAY FROM BUILDING SITE AND ASSOCIATED PROJECT SITE ALTERNATION REQUIREMENTS. UTILITY EXTENSION, REPLACEMENT, ETC SHALL COMPLY WITH MATERIAL AND INSTALLATION REQUIREMENTS AS INDICATED IN CONTRACT DOCUMENTS.
- ALL CONDUIT ROUTING SHOWN IS PROPOSED. CONTRACTOR SHALL MODIFY AS REQUIRED TO AVOID CONFLICTS WITH OTHER TRADES. COORDINATE TRENCHING WITH UTILITY COMPANY AND GENERAL CONTRACTOR.
- CONTACT FARMINGTON ELECTRIC UTILITY SYSTEM FOR ALL UTILITY COORDINATION.
- ALL EXTERIOR POWER AND LIGHTING CIRCUITS SHALL BE #10 AWG CONDUCTORS AT A MINIMUM FOR THE ENTIRE LENGTH OF THE CIRCUIT.
- COORDINATE ALL EQUIPMENT LOCATIONS WITH OTHER TRADES PRIOR TO ROUGH-IN.
- REFER TO ARCHITECTURAL ELEVATIONS FOR EQUIPMENT MOUNTING HEIGHTS.

LIGHTING GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2020 NATIONAL ELECTRIC CODE, NATIONAL, STATE, AND LOCAL CODES.
- REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR MOUNTING HEIGHTS. ALL LIGHT SWITCHES ARE MOUNTED 48" AFF, UNLESS OTHERWISE INDICATED ON DRAWINGS.
- LOWER CASE LETTERS AT FIXTURES CORRESPOND TO THE SWITCH AND/OR CONTROL DEVICE IDENTIFICATION.
- WIRE COUNT FOR CIRCUIT CONDUCTORS NOT SHOWN. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUIT AND SWITCHING CONNECTIONS SHOWN.
- CIRCUIT NUMBERS SHOWN AT HOMERUNS CORRESPOND TO PANELBOARD BREAKERS. SEE PANELBOARD SCHEDULES. BRANCH CIRCUITS SHALL BE SIZED ACCORDING TO THE CIRCUIT BREAKER RATING, UNLESS OTHERWISE INDICATED.
- EMERGENCY LIGHTING BRANCH CIRCUITS SERVING BATTERY-POWERED EMERGENCY LUMINAIRES SHALL BE SUPPLIED FROM A DEDICATED BRANCH CIRCUIT WITH A LOCKABLE CIRCUIT BREAKER. THE CIRCUIT BREAKER SHALL BE PROVIDED WITH A LISTED HANDLE LOCK OR LOCKABLE DEVICE AND SHALL BE PERMANENTLY IDENTIFIED AS 'EMERGENCY LIGHTING CIRCUIT - DO NOT TURN OFF' IN ACCORDANCE WITH NEC 700.12(h).

POWER GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2020 NATIONAL ELECTRIC CODE, NATIONAL, STATE, AND LOCAL CODES.
- REFER TO ARCHITECTURAL DRAWINGS FOR EQUIPMENT MOUNTING HEIGHTS.
- COORDINATE ALL EQUIPMENT LOCATIONS AND REQUIREMENTS PRIOR TO ROUGH IN.
- MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTION.
- ALL RECEPTACLES ARE MOUNTED AT 18" ABOVE FINISHED FLOOR, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- CIRCUIT NUMBERS AT HOMERUNS CORRESPOND TO PANELBOARD BREAKERS (SEE PANELBOARD SCHEDULES). BRANCH CIRCUITS SHALL BE SIZED ACCORDING TO THE CIRCUIT BREAKER RATING, UNLESS INDICATED OTHERWISE ON THE EQUIPMENT SCHEDULES.
- ALL ACCESSIBLE 120V, 20A RECEPTACLES SHALL BE TAMPER RESISTANT.
- ALL RECEPTACLES LABELED WP SHALL BE TAMPER RESISTANT AND PROTECTED WITH AN IN-US TYPE WEATHERPROOF ENCLOSURE.

KEYNOTES

- SWITCH FOR FAN CONTROL.
- APPROXIMATE LOCATION OF EXISTING ELECTRICAL SERVICE DISCONNECT EQUIPMENT.
- PROPOSED CONDUIT ROUTING FOR ELECTRICAL SERVICE TO PANEL LP-101 MOUNTED TO THE EXTERIOR OF THE NEW BUILDING.
- EXISTING CONDUCTORS FROM UTILITY TRANSFORMER TO EXISTING DISTRIBUTION EQUIPMENT ASSUMED TO BE SIZED ADEQUATELY FOR THE 100A SERVICE. CONTRACTOR SHALL VERIFY CONDUCTOR SIZE IF NECESSARY.
- 10KAIC RATING IS ASSUMED BASED ON AIC RATING OF EXISTING UPSTREAM 20A/1P CIRCUIT BREAKER.
- EXISTING GROUNDING ELECTRODE SYSTEM IS ASSUMED TO BE SIZED ADEQUATELY FOR THE 100A SERVICE. CONTRACTOR SHALL VERIFY CONDUCTOR SIZE IF NECESSARY.