#### **ADDENDUM**

Project: Camp Ben Lomond Eating Shelters Project No.: 533-4012-24020101 Addendum No.: 03

Project Address: 2635 East 5100 North, Liberty, Utah Date: October 20, 2025

Owner: The Church of Jesus Christ of Latter-day Saints, a Utah corporation sole

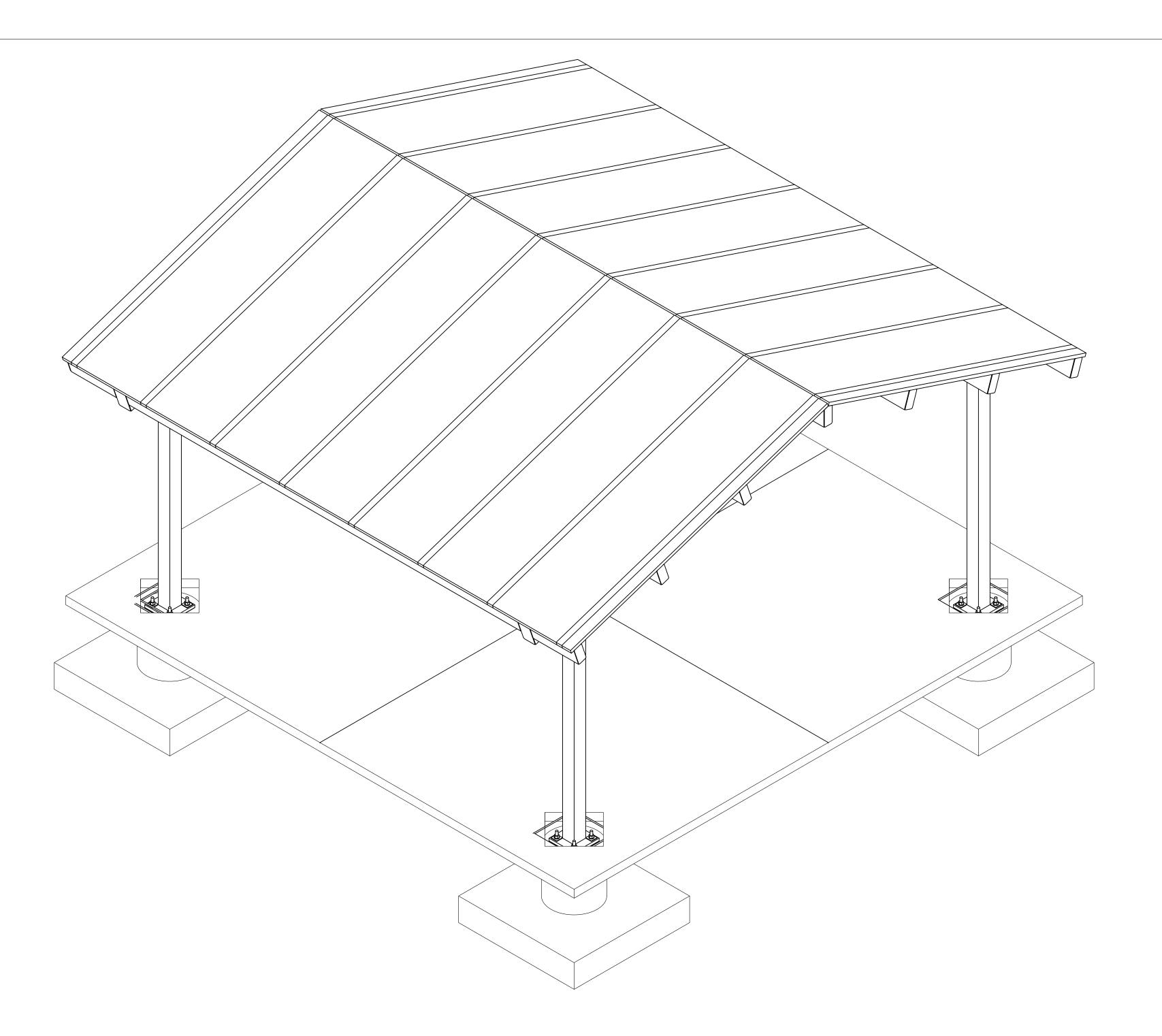
From (Architect): Evans & Associates Architecture

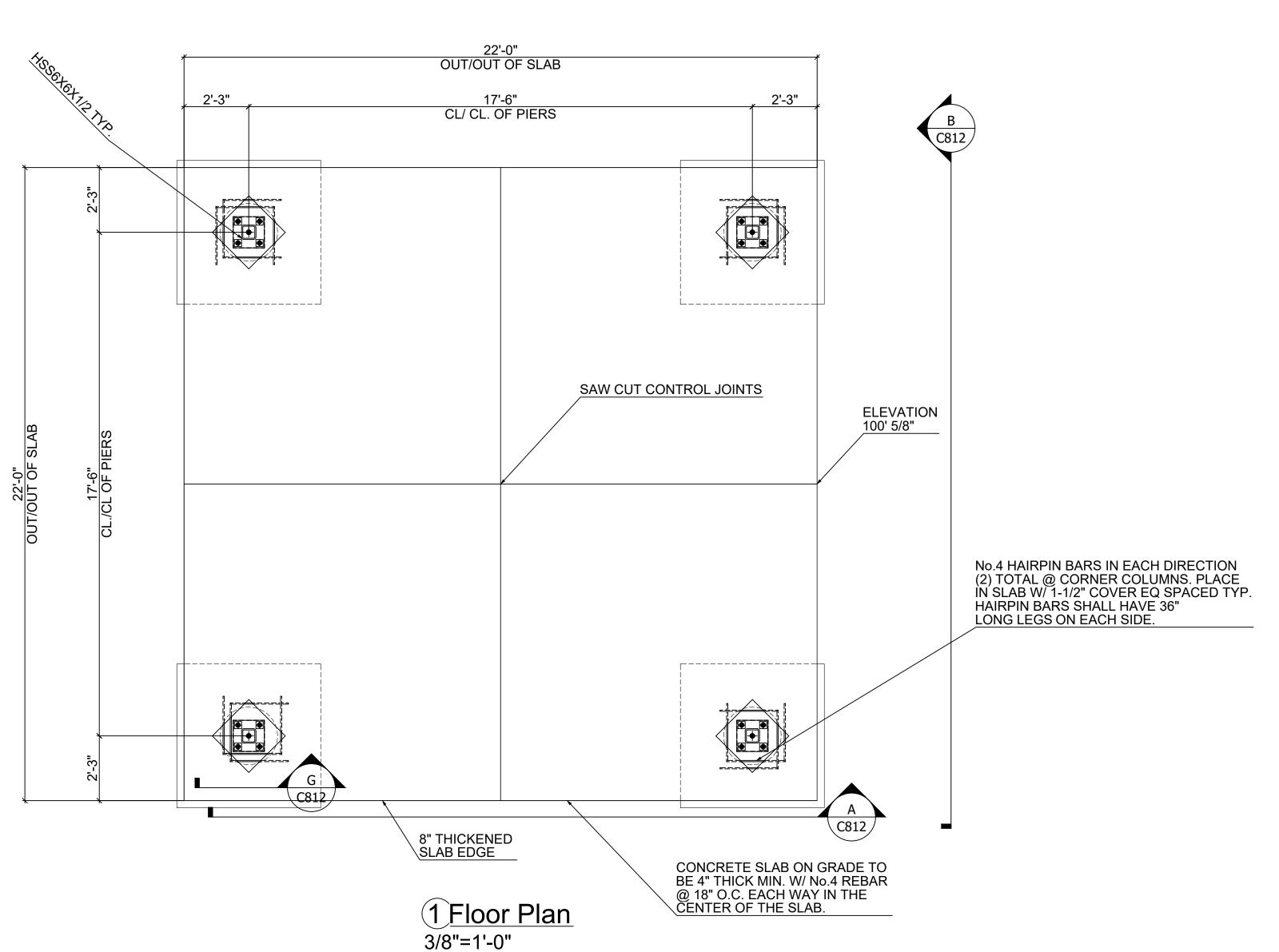
#### Instructions to Prospective Bidders:

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents and/or prior Addenda as noted below. All conditions, requirements, materials and workmanship are to be as described in the Contract Documents unless specifically stated otherwise. This Addendum consists of <u>4</u> page(s) and the attached drawing(s), Sheet(s) <u>C811</u>, <u>C812</u>, <u>C813</u> dated <u>October 20</u>, <u>2025</u>.

- 1. Changes to prior Addenda:
  - a. None
- 2. Changes to Bidding Requirements:
  - a. None
- 3. Changes to Conditions of the Contract:
  - a. None
- 4. Changes to Specifications:
  - a. None
- 5. Changes to Drawings:
  - a. C811-C813 Pavilion
     See the attached revised drawings for changes to the concrete and reinforcing requirements.

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# DESIGN CRITERIA:

- 1. 2021 INTERNATIONAL BUILDING CODE WITH STATEWIDE AMENDMENTS
- TYPE OF CONSTRUCTION: TYPE II-B BUILDING USE: ASSEMBLY A-3

a. METAL DECK: 1.5 PSF

- 4. BUILDING OCCUPANCY CATEGORY: II 5. BUILDING HEIGHT: PER PLANS
- 6. NO. OF OCCUPANTS: 120 7. ROOF DEAD LOAD - 6 PSF PLUS FRAMING WEIGHT
- SNOW LOAD b. Pg: 80 PSF (GROUND SNOW LOAD) c. Pf = 0.7 \* Pg \* Ce \* Ct \* Is = 81 PSF (ROOF SNOW LOAD)
- Ce: 1.2 Ct: 1.2
- ls: 1.0 d. Ps = Pf Cs
- Cs: 0.96 FOR A 4:12 PITCH Ps: 78 PSF
- 10. WIND LOAD a. V3s: 115 MPH
- b. EXPOSURE: C c. W: 1.00
- 11. SEISMIC LOAD
- a. le: 1.00

d. Sds: 0.89

e. Sd1: 0.63 SITE CLASS: D SEISMIC DESIGN CATEGORY: D R: 1.25 (CANTILEVERED STEEL COLUMNS)

EQUIVALENT LATERAL FORCE PROCEDURE

Cs = 0.7112. ALLOWABLE SOIL BEARING PRESSURE = 1,500 POUNDS PER SQUARE FOOT. 13. ALLOWABLE FOUNDATION AND LATERAL PRESSURE = 100 PSF/FT BELOW NATURAL

## PAVILION CONSTRUCTION SEQUENCE NOTES:

GRADE (TABLE 1806.2 OF 2021 IBC).

- 1. VERIFY PERMIT REQUIREMENTS BEFORE SIGNING CONTRACTS.
- BUILDING PERMIT PLANNING OR CONDITIONAL USE PERMIT
- OBTAIN REQUIRED USE PERMIT 2. REMOVE ALL VEGETATION, ROCKS, OUTCROPPINGS, AND TREES FROM LOCATION OF PAVILION SLAB. STRIP 6" OF TOP SOIL.
- 3. LEVEL PAVILION BUILDING AREA. AVOID GRADING THAT ALLOWS WATER TO DRAIN TOWARD PAVILION. 4. DIG COLUMN CAISSONS. 5. PLACE COLUMN CAISSON FORMS AND SET REINFORCING STEEL
- 6. SET COLUMN ANCHOR BOLTS USING PLYWOOD TEMPLATE OF APPROXIMATELY THE SAME SIZE AS COLUMN BASE PLATE TO INSURE BOLT LOCATION ACCURACY. 7. PLACE CONCRETE IN CAISSON FORMS FROM BOTTOM OF PIER UP TO A LEVEL 1-1/2" BELOW
- BOTTOM OF COLUMN BASE PLATE. LET CONCRETE CURE 7 DAYS. 8. SET GALVANIZED STEEL TUBE COLUMNS OVER PRE-SET ANCHOR BOLTS ALLOWING COLUMNS TO
- REST ON LEVELING NUTS AND 1/4"x 3" PLATE WASHERS. LEVELING NUTS ARE TO BE USED TO SET COLUMNS PLUMB AND TRUE AND AT CORRECT BEARING HEIGHT TO RECEIVE STEEL BEAMS. 9. AFTER COLUMNS ARE SET PLUMB AND TRUE, VERIFY ACCURACY OF DIMENSIONS BETWEEN

COLUMNS AND SECURE COLUMNS IN PLACE USING 1/4"x 3" PLATE WASHERS UNDER NUTS.

- TIGHTEN NUTS WITH ADDITIONAL 1/4 TURN PAST SNUG. 10. LIFT BEAMS AND SET EACH END IN THE COLUMN SADDLE PLATES.
- 11. ANCHOR BEAMS TO COLUMN CAP PLATES WITH (4) 1/2" DIAMETER BOLTS, WASHERS, AND NUTS. 12. INSTALL PRE-FINISHED METAL DRIP EDGING ON ALL PERIMETER EDGES OF ROOF.
- 13. INSTALL METAL ROOF PANELS. FOLLOW MANUFACTURER'S INSTRUCTIONS. 14. PLACE NON-SHRINK GROUT UNDER COLUMN BASE PLATES. FINISH NON-SHRINK GROUT EDGES TO
- 15. PLACE REMAINDER OF CONCRETE SLAB ANY TIME AFTER BEAMS, ROOF DECKING ARE SECURELY IN
- 16. FINISH TOP SURFACE OF CONCRETE WITH A LIGHT BROOM FINISH. 17. AS SOON AS CONCRETE HAS CURED ENOUGH TO SUPPORT AN EARLY ENTRY SAW (4-6 HOURS
- AFTER PLACEMENT), CUT CONTROL JOINTS IN SLAB TOP SURFACE, DEPTH OF CONTROL JOINTS IS TO BE 1" DEEP.
- 18. INSTALL MEMBRANE CURING ON CONCRETE SLAB. 19. ALLOW CONCRETE SLAB TO CURE A MINIMUM OF 7 DAYS BEFORE PROCEEDING WITH REMAINDER OF
- 20. ALL STEEL COLUMNS, SADDLES, BOLTS, AND BASE PLATES TO BE POWDER COATED. TOUCH-UP
- FINISH PAINTING BY OTHERS.

- SCOPE- ONE EACH 22 FOOT BY 22 FOOT PAVILION WITH MINIMUM 4 INCH THICK CONCRETE SLAB. PROVIDE SHINGLES, ROOFING FELTS, FASCIA, SHEATHING, ROOF FRAMING, BEAMS, SOFFIT, CONNECTION HARDWARE, COLUMNS, CONCRETE SLAB, CONCRETE CAISSONS AND FINISHES TO CONSTRUCT COMPLETE
- PAVILION HAS BEEN DESIGNED AS A FREE STANDING, OPEN STRUCTURE. RE-ENGINEER PAVILION IF WALLS ARE ADDED (SEE SHEET C813), IF STRUCTURE IS TO ADJOIN ANOTHER STRUCTURE, OR IF OTHER SUCH MODIFICATIONS ARE MADE. PROPERLY BRACE STEEL BEAMS AND MEMBERS UNTIL COMPLETE STRUCTURAL SYSTEM HAS BEEN CONSTRUCTED.

### SITE PREPARATION:

- 1. PLACE FOOTINGS/CAISSONS IN FIRM UNDISTURBED NATURAL SUBGRADE (UNLESS NOTED OTHERWISE BY
- GEOTECHNICAL REPORT). 2. COMPACT SUBGRADE AND FILL UNDER CONCRETE FLOOR SLAB TO 90 PERCENT OF ASTM D-1557 (UNLESS
- NOTED OTHERWISE BY GEOTECHNICAL REPORT) 3. INSTALL AND COMPACT 4 INCH GRANULAR BASE BENEATH CONCRETE FLOOR SLAB TO 95 PERCENT OF ASTM

# <u>UTILITIES:</u>

INSTALL PLUMBING LINE FOR COLD WATER AS NEEDED. 2. INSTALL ELECTRICAL LIGHTS, BOXES, CONDUITS, AND SWITCHES AS NEEDED.

## <u>CONCRETE:</u>

- 1. REMOVE ALL ORGANIC MATERIAL AND TOPSOIL FROM PAVILION AREA. VERIFY SUITABILITY OF SUBGRADE. FOUNDATIONS ARE TO BE ON UNDISTURBED, NATURAL SOIL OR ENGINEERED FILL EXTENDING TO SUITABLE
- UNDISTURBED NATURAL SOILS. 2. PROVIDE 4" MINIMUM OF COMPACTED SAND, GRAVEL OR CRUSHED ROCK BENEATH THE CONCRETE SLAB ON
- 3. CONCRETE SLAB ON GRADE IS TO BE REINFORCED AS SPECIFIED AND BE 4" MINIMUM THICK. INSTALL WITH
- CRACK CONTROL JOINTS AS SHOWN. SURFACE IS TO HAVE A BULL FLOAT FINISH AND BE LIGHTLY BROOMED. EDGE OF SLAB IS TO BE THICKENED TO 8" WIDE AND BE REINFORCED WITH (2) #4 CONTINUOUS BARS. LAP
- SPLICES 24". USE EPOXY COATED REINFORCING BARS IN AREAS OF FREEZE THAW CONDITIONS. PROVIDE DEFORMED REINFORCING STEEL BARS CONFORMING TO ASTM A615 WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI. SECURELY ANCHOR REINFORCING STEEL, AND PROVIDE CLEARANCES, IN ACCORDANCE WITH
- 6. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE IS TO BE 4,500 PSI AT 28 DAYS, WITH 6 PERCENT AIR ENTRAINMENT (PLUS OR MINUS 1-1/2 PERCENT) IS TO BE USED IN AREAS SUBJECT TO FREEZE THAW CYCLES. USE CEMENT TYPE I/II OR II. LIMIT SLUMP TO 4" PLUS OR MINUS 1". VERIFY STRENGTH REQUIREMENTS AND CEMENT TYPE REQUIREMENTS WITH THE GEOTECHNICAL EVALUATION REPORT. ALL CONCRETE WORK TO BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 318.

## STRUCTURAL STEEL:

ALL STEEL PLATES TO BE ASTM A36

THE LATEST EDITION OF ACI 318.

- STEEL TUBES TO BE ASTM A500, GRADE C, Fy = 50,000 PSI ALL WELDING IS TO BE DONE IN ACCORDANCE WITH LATEST AWS STANDARDS. IF WELDS ARE NOT
- SPECIFIED, ALL WELDS ARE TO DEVELOP THE FULL STRENGTH OF ALL COMPONENT PARTS. 4. ALL BOLTS ARE TO BE ASTM A325 EXCEPT THAT ANCHOR BOLTS ARE TO BE ASTM F 1554 GRADE 105.
- 5. ALL HOLES IN STEEL TO BE 13/16" DIAMETER UNLESS NOTED OTHERWISE. 6. STEEL COLUMNS ARE SANDBLASTED (SSPC5/NACE "white finish"), PRIMED (SMALL MOLECULE ZINC RICH EPOXY PRIMER) AND POWDER COATED (SUPER DURABLE TGIC POLYESTER TOP COAT). ALL OTHER FABRICATED STEEL TO BE POWDER COATED.

# METAL ROOF SYSTEM:

- MEGA-RIB PAINTED ROOF PANELS BY MCELROY METAL.
- PROFILE DEPTH: 1-1/2" PANEL WIDTH: 36"
- MIN THICKNESS: 24ga.
- COLOR AS PER OWNER FROM MANUFACTURERS STANDARD COLOR SELECTION. INSTALL AS PER MANUFACTURERS INSTRUCTIONS.
- PROVIDE EDGE AND TERMINATION DETAIL COMPONENTS AS REQUIRED TO OBTAIN MANUFACTURER WARRANTY.

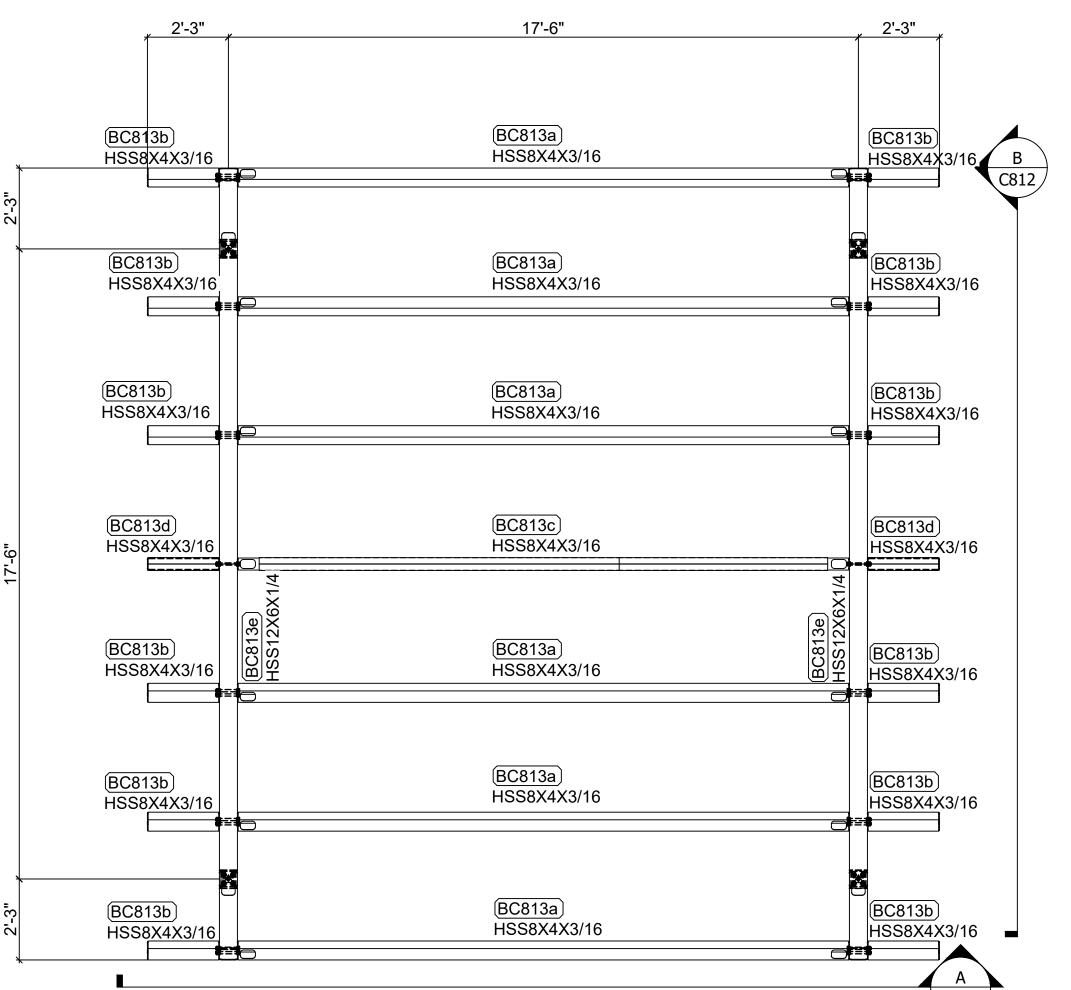
- 1. PROVIDE ONE DEDICATED 30 A CIRCUITS FOR THE PAVILION. RUN THE CIRCUITS IN 3/4-INCH CONDUIT UNDERGROUND WITH NO. 12 THWN COPPER CONDUCTORS PLUS GROUND AND NEUTRAL FROM THE NEAREST 110 VOLT SOURCE WITH AVAILABLE CAPACITY. TIE THE LIGHT FIXTURES TO ONE OF THE DEDICATED CIRCUITS. PROVIDE FOUR CONVENIENCE DUPLEX RECEPTACLES. TIE TWO DUPLEX RECEPTACLES PER CIRCUIT. FOR UNDERGROUND CONDUIT RUNS, USE PVC-40 PIPE WITH BURIAL DEPTH PER CODE REQUIREMENTS. USE
- INTERMEDIATE METAL CONDUIT OR RIGID STEEL CONDUIT FOR EXPOSED RISER UP TO SWITCH. INSTALL TIME SWITCH (4-HOUR CYCLE, NO-HOLD, AUTOMATIC SHUT-OFF, INTERMATIC #FF34H OR EQUAL BY PARAGON OR TORK) WITH WEATHERPROOF COVER ON COLUMN AT 48 INCHES ABOVE CONCRETE SLAB TO
- CENTER OF BOX. 3. CONNECT LIGHTING FIXTURES WITH SURFACE MOUNTED 1/2-INCH EMT AND STEEL FITTINGS AND NO. 12 THWN OR XHHW COPPER CONDUCTORS.
- 4. LIGHTING FIXTURES SHALL BE IMPACT RESISTANT, ENCLOSED, SURFACE MOUNTED FLUORESCENT WITH FOUR FO32 T8 LAMPS, LOW TEMPERATURE ELECTRONIC BALLASTS, AND DAMP LOCATION LABEL. LITHONIA
- TDMW232-AR-120 OR EQUAL BY COLUMBIA, DAY-BRITE, OR METALUX. 5. PROVIDE WATERPROOF WHILE IN USE ALUMINUM OUTLET WITH PADLOCK LOOPS.

## SPECIAL INSPECTION

SPECIAL INSPECTION AND QUALITY ASSURANCE, AS REQUIRED BY SECTION 1704 OF THE IBC. SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER UNLESS WAIVED BY THE BUILDING OFFICIAL. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE REQUIRED INSPECTIONS. ALL TESTING AND INSPECTION REPORTS SHALL BE SENT TO THE ENGINEER OF RECORD FOR REVIEW. ITEMS REQUIRING SPECIAL INSPECTION AND QUALITY ASSURANCE ARE:
1. SOILS PER IBC SECTION 1704.7

- SPECIAL INSPECTION SHALL BE PROMDED PRIOR TO POURING CONCRETE FOOTINGS.

  SPECIAL INSPECTION SHALL BE PROMDED PRIOR TO PLACEMENT OF FILL AND DURING
- PLACEMENT OF FILL. CONCRETE PLACEMENTS PER IBC SECTION 1704.4 CONTINUOUS SPECIAL INSPECTION SHALL BE PROVIDED
- A-BOLTS INSTALLED IN CONCRETE SECTION 1704.4
  ALL A-BOLTS SHALL BE INSPECTED PRIOR TO AND DURING CONCRETE PLACEMENT. CONCRETE REINFORCING STEEL PLACEMENT IBC SECTION 1704.4 REINFORCING SHALL BE INSPECTED PRIOR TO CONCRETE PLACEMENT, STRUCTURAL WELDING IBC SECTION 1704.3
- ACCORDING TO AISC 380-16 SECTION N 5.5 CONTRACTOR SHALL TEST 10% OF THE TOTAL WELDS, FILLET WELDS BY METHOD OF (MT) AND FULL PENETRATION WELDS BY METHOD OF (UT), UNLESS TESTING SHOWS UNACCEPABLE DEFECTS AT WHICH POINT ALL WELDS WILL BE TESTED.
- HIGH STRENGTH BOLTED CONNECTIONS IBC SECTION 1704.3.3



2 Roof Framing Plan 3/8"=1'-0"

DOUGLAS M. FARLEY No.318831 10/17/2025

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Project Number:

Plan Series: Property Number:

Sheet Title: 3D VIEW PLAN VIEWS

C811

