New Eating Shelters for:

Camp Ben Lomond Eating Shelters

2635 East 5100 North
Liberty, Utah

Code Information

Code Item	IBC Code Requirement	Actual Building Design
Occupancy Classification	Chapter 3	Business, Group A-3
Construction Type	602	Type II-B
Roof Construction Class	Table 1505.1 Class B	Class A
Fire Sprinklers		No
Shelter Area		480 sf
Occupant Load	1 Occupant per net 15 sf 4 tables which seat 8	32 occupants per eating shelter for total occupants of 128 occupants

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Building Codes

2021 International Residential Code
2021 International Building Code per R301.1.1, 3 (Structural)
2009 ANSI A117.1 Standard For Accessible And Usable Buildings And Facilities 1

Drawing Index

Deferred Submittals

Submittal documents for deferred items shall be submitted to the architect or engineer of record who shall review them and forward to the building official with a notation indicating that the deferred documents have been reviewed and that they have been found to be in general conformance with the design of the building. The deferred items shall not be installed until their design & submittal documents have been approved by the building official.

Items to have deferred submittal include:
1. None

General Notes

1. All existing roads, buildings, camp facilities, concrete flatwork, culinary water services, ampitheather, utilities, etc are to remain; protect during construction; any damage to existing items are to be repaired or replaced with no additional cost to the owner.

2. Contractor shall field verify all existing conditions.

Owner-Provided / Contractor Installed

1. Eating shelter kit; including but not limited to steel columns, base plates, beams and roofing. The contractor is responsible for unloading.

2. Picnic tables; the contractor shall include in their bid the cost to assemble (4) picnic tables for each eating shelter. (1) table at each shelter to provide a space for a wheel chair. 1

Site Preparation

1. The contractor shall coordinate the exact location of each pavilion with the Owner and Architect prior to starting any work. Actual conditions vary at each location.

2. The contractor shall remove all existing vegetation, trees, roots, etc from a 28'-0" x 28'-0" area at each pavilion.

3. The contractor shall remove 12" of topsoil and other deleterious material from the building pad area.

4. The contractor shall prepare and compact a flat area 28'-0" x 28'-0" to a relative compaction of 95%.

5. The contractor shall include in their bid the cost to import, place and compact structural fill for each pavilion location. A total of 28 cy of material shall be provided for each location. All structural fill shall be compacted to a relative compaction of 95%.

Eating Shelter Access

1. The contractor shall include in their bid the cost to provide a drive access and parking pad for each eating shelter.

2. The contractor shall remove all existing vegetation, trees, roots, etc from a 12'-0" x 75'-0" area at each pavilion. The exact location will be coordinated between the Owner and Architect prior to starting any work.

3. The contractor shall remove 8" of topsoil and other deleterious material from the access and parking areas.

4. The contractor shall include in their bid the cost to import, place and compact 8" deep road base along the access and parking areas. The road base shall be compacted to a relative compaction of 95%.

5. A 12'-0" wide x 24'-0" long parking pad adjacent to the eating shelter shall have a slope (each direction) of 1.5%.

Final Grading

1. The contractor shall provide 4" of topsoil around the perimeter of each eating shelter to a width of 3'-0".

2. Provide a native sead mix over all new topsoil areas.

Weber County General Notes

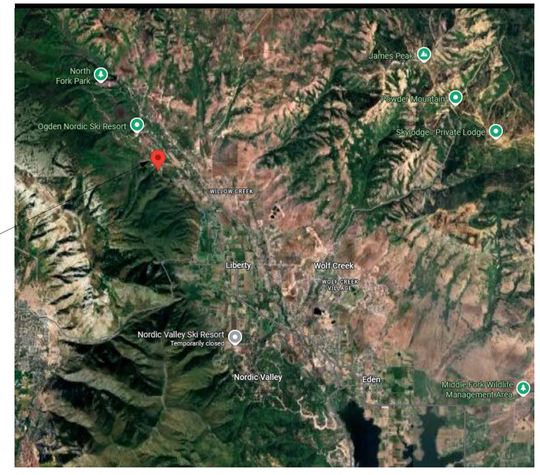
1. HOURS OF CONSTRUCTION – Work is limited to 7:00am to 9:00pm Monday through Saturday.
2. ADJOINING PROPERTIES – All work shall be contained within the limits of disturbance identified on the site plan.
3. PROJECT FENCING – All limits of disturbance shall be staked on the ground prior to any construction activity and maintained for the duration of the project.
4. NATURAL ENVIRONMENT – The project construction shall minimize impacts to all aspects of the natural environment. Any necessary construction measure shall be installed prior to any construction activity and maintained for the duration of the project.
5. NOXIOUS WEED CONTROL – Project will take all necessary measures to control the growth & spread of noxious weeds in accordance with the Summit County Noxious Weeds Act, Utah Code Annotated 4-14-101 (as amended).
6. CONSTRUCTION PARKING MANAGEMENT – On-site parking locations (no street parking), unless otherwise identified on the site plan, shall be designated and made continually available for all project personnel. The contractor shall maintain continuous emergency vehicle access, on and around the project site, including, but not limited to, police, fire, ambulance, and snowplow services.
7. STAGING AREAS – All staging must occur within the approved development envelope, unless identified on the site plan.
8. WASHOUT FACILITIES – Washout Facilities shall be available, clearly marked, and maintained.
9. TRAFFIC CONTROL – There shall be no impact to vehicular or pedestrian traffic. If a public lane/road closure becomes necessary, the contractor shall apply for & receive a permit through E360 prior to the closure.
10. SEDIMENT AND EROSION CONTROL – A stormwater pollution prevention plan & erosion control plan (if necessary) shall be implemented prior to any construction activity and maintained for the duration of the project.
11. SANITARY FACILITES – Portable toilets shall be provided during construction. Toilets will be located outside adjacent road rights-of-way and secured to prevent tipping.
12. FUGITIVE DUST CONTROL – If the project degrades air quality or creates a nuisance for adjacent properties and roadways as a result of blowing dust, the project representative will take immediate action to eliminate the nuisance.
13. NOISE CONTROL – All construction equipment and activities shall be adequately muffled and maintained to minimize project noise.
14. SNOW STORAGE – All snow accumulated within the project will be stored within property boundaries, unless otherwise identified on the site plan.
15. ROUGH GRADE ENGINEERING INSPECTION – All construction mitigation elements must be in place before scheduling this inspection.
16. PRESURFACE INSPECTION – This inspection must be scheduled and completed before the final driveway surface (e.g. asphalt, concrete, gravel) is placed.
17. BUILDING INSPECTIONS – Inspection requests shall be made online at least a minimum of 24 hours in advance of the actual inspection.
18. FAILED INSPECTIONS - Failure to correct all deficiencies noted on previous inspections will result in a failed inspection and the assessment of a re-inspection fee. Re-inspection fees are a minimum of $100.00.
19. PREREQUISITE INSPECTIONS – Footings and Final Engineering inspections have prerequisites that must be completed before the subsequent inspection can be scheduled. Please plan accordingly to avoid any delays.

Project Team

Architect
EA Architecture
11576 South State Street, #103B
Draper, Utah

Chad Spencer
(801) 450-5113
chad@studio-ea.com

Vicinity Map



LICENSED ARCHITECT
PAUL ANTHONY EVANS
273770
STATE OF UTAH
09/02/2025

Project for:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

New Eating Shelters for:

Camp Ben Lomond

2635 East 5100 North
Liberty, Utah

Revision Schedule

#	Description	Date
1	City Comments	10/6/2025

Project Number: 25-36
Plan Series:
Property Number: 533-4012-24020101

September 2, 2025

Cover Sheet

G101

Overall Camp Map
SCALE: 1" = 60'-0"

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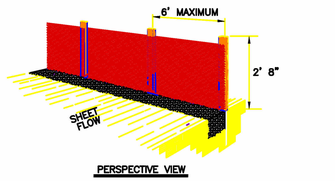
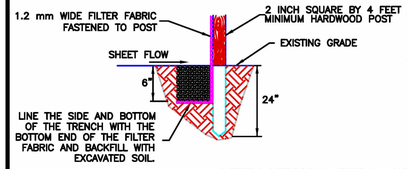
Overall Map

C101

SILT FENCE



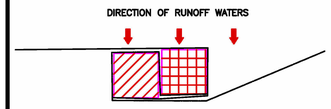
PERSPECTIVE VIEW



INSTALLATION:
1. Where possible, layout the silt fence 5 to 10 feet beyond the toe of slope.
2. Align the fence along the contour as close as possible.
3. When excavating the trench, use machinery that will produce no more than the desired dimension.
4. Place posts 6 foot on center along contour (or use pre assembled unit) and drive 2 feet (min.) into ground. Excavate an anchor trench (8 inches wide and 8 inches deep) immediately up-gradient of posts.
5. Cut fabric to required width, unroll along length of barrier and drape over barrier. Secure fabric to, stakes with staples, or similar, with trailing edge extending into anchor trench.
6. Backfill trench over filter fabric to anchor.

MAINTENANCE:
1. Inspect immediately after any rainfall and at least daily during prolonged rainfall.
2. Look for runoff bypassing ends of barriers or undercutting fence (repair immediately).
3. Repair or replace damaged areas of the fence and remove accumulated sediment.
4. Re-anchor fence as necessary to prevent shortcutting.
5. Remove accumulated sediment when it reaches ½ the height of the fence.

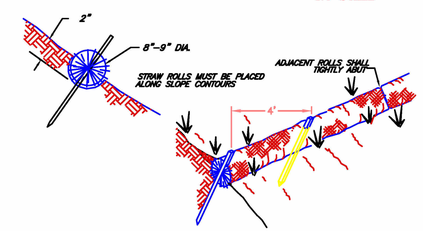
ATTACHING TWO SILT FENCES



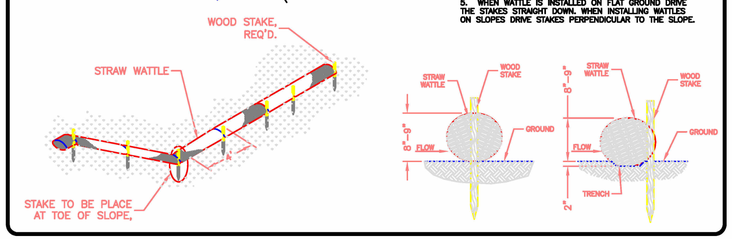
1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
3. DRIVE BOTH POSTS ABOUT 24 INCHES INTO THE GROUND AND BURY FLAP.

STRAW WATTLE DETAIL

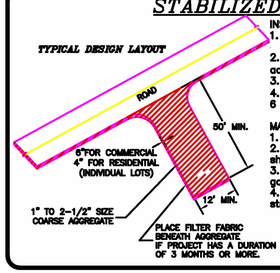
NO SCALE



NOTE:
1. WOOD STAKES SHALL BE 1"x2"x18" OR 24" (NOMINAL), PLACED ON CONTOUR AND STAKED AT 4' ON CENTER AND IN LOW POINTS TO ASSURE CONTACT WITH GROUND.
2. NO DAYLIGHT SHOULD BE SEEN UNDER THE WATTLE AFTER INSTALLATION.
3. WHEN INSTALLING RUNNING LENGTHS OF STRAW WATTLE, BUTT THE SECOND WATTLE TIGHTLY AGAINST THE FIRST. STAKE THE WATTLES AT EACH END AND FOUR FOOT ON CENTERS.
4. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE, LEAVING 2"-3" OF THE STAKE PROTRUDING ABOVE THE WATTLE.
5. WHEN WATTLE IS INSTALLED ON FLAT GROUND DRIVE THE STAKES STRAIGHT DOWN. WHEN INSTALLING WATTLES ON SLOPES DRIVE STAKES PERPENDICULAR TO THE SLOPE.



STABILIZED CONSTRUCTION ENTRANCE



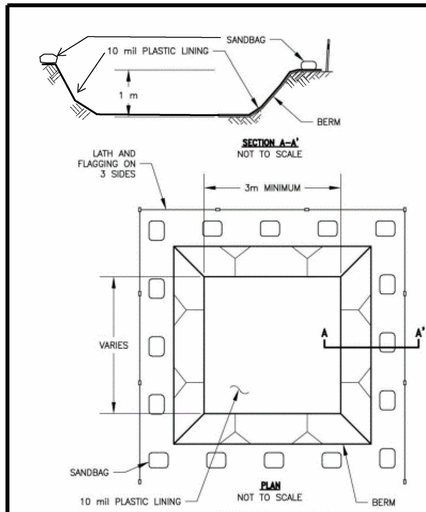
INSTALLATION:
1. Install at any point of ingress or egress at a construction site.
2. Clear and grub area and grade to provide slope shown for driveway, or access/intersection. If adjacent to waterway, use a maximum slope of 2%.
3. Compact subgrade and place filter fabric.
4. Place coarse aggregate, 1 to 2 ½ inches size, to a minimum depth of 6 inches for commercial projects, and 4 inches for residential projects.

MAINTENANCE:
1. Inspect daily for loss of gravel or sediment buildup.
2. Inspect adjacent roadway for sediment deposit and clean by sweeping or shoveling.
3. Repair entrance and replace gravel as required to maintain control in good working condition.
4. Expand stabilized area as required to accommodate traffic, and off site street parking and prevent erosion at driveway.

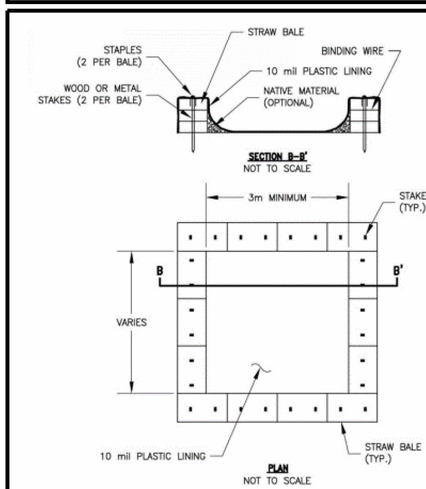
Inspection	Description/Requirements	Contact
Rough Grade Engineering	**Required prior to scheduling a footing inspection.** Rough cut of driveway, stabilized construction entrance, sediment control BMPs, & concrete washout all must be installed per site plan.	Engineering
Footings	Schedule after steel is in place and before concrete is poured	Building
Foundation	Schedule after steel is in place in forms and before concrete is poured	Building
Under Slab Plumbing/Heating	Schedule before concrete is poured or plumbing has been backfilled	Building
Certificate of Elevation and/ or Survey	Performed by a licensed surveyor. Required before scheduling a Floor Framing Inspection	Planning
Floor Framing/ Foundation Drain	Required prior to placing floor sheeting	Building
Shear Wall	After the building is "up to square," all shear walls have been nailed, and all tie downs and shear wall connections installed	
Fire Sprinkler	Required prior to Four-Way Inspection, when required by Local Fire District	Building
Four-Way	All rough electrical, plumbing, and mechanical has been installed. All framing is complete, shear walls have been previously inspected, and truss specifications are on site for review. Plumbing must have either an air or water pressure test on them when the inspector arrives.	Building
Weather Barrier/ Stucco Lath	Weather barrier must be inspected prior to applying veneer. Approved stucco I.C.C. research reports on site	Building
Gas Line/Meter Set	Required before gas meter clearance is given to Dominion	Building
Masonry wall/ bond beam	Steel in masonry and before concrete/grout is poured	Building
Insulation	Pre-drywall insulation certificate required	Building
Drywall Nailing	Required before drywall is taped	Building
Power to Panel	Building must be up with permanent roof installed	Building
Pre-Surface Engineering	Before driveway is paved/stabilized. Erosion control installed on graded slopes greater than 3:1. Driveway graded to final slope.	Engineering
Final Engineering	**Required prior to Certificate of Occupancy** and/or bond release. Driveway paved/ stabilized w/ non-tracking, permanent material. Final grading must be less than 2:1 slopes, with erosion control measures installed on unretained slopes greater than 3:1	Engineering
Final Building	**Required for Certificate of Occupancy. All work is done, building is complete.** Final clearances from wastewater district, Health Department for septic, and Fire District for sprinkler system must be on site for this inspection.	Building
Certificate of Occupancy	No person may occupy the structure until CofO is issued. Final clearances must be obtained and presented to the Building Dept: Final from Building, Final from Engineering, Final from Fire District (where required), Final from Water District or Health Dept (where required).	Building
SWP3/ECP Bond Release	Site must be 100% stabilized (revegetated or covered) to at least 70% density.	Engineering

Construction Mitigation Plan Notes

- Show location for dumpster, portable toilets, materials storage, parking
- Construction parking/traffic may not block the street without a permit (available from the Engineering Division)
- Mud tracked out onto the street must be cleaned prior to the end of the work day
- The construction site must be maintained in a neat manner. Trash and other debris may not accumulate outside the dumpster.
- Roadside parking is not allowed from November 1st to April 1st



TYPE: BELOW GRADE (PIT)

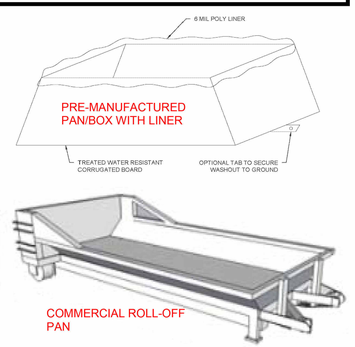


TYPE: ABOVE GRADE
(With Straw Bales)

- Perform washout of concrete trucks offsite or in designated concrete washout areas only.
- Do not wash out concrete trucks onto the ground, or into storm drains, open ditches, streets, or streams.
- Do not allow excess concrete to be dumped onsite, except in designated concrete washout areas.

Concrete washout areas may be prefabricated concrete washout containers, or self-installed structures (above-grade or below-grade).

- Prefabricated containers are most resistant to damage and protect against spills and leaks. Companies may offer delivery service and provide regular maintenance and disposal of solid and liquid waste.
- If self-installed concrete washout areas are used, below-grade structures are preferred over above-grade structures because they are less prone to spills and leaks.
- Self-installed above-grade structures should only be used if excavation is not practical.



COMMERCIAL ROLL-OFF PAN

LICENSED ARCHITECT
PAUL [illegible] EVANS
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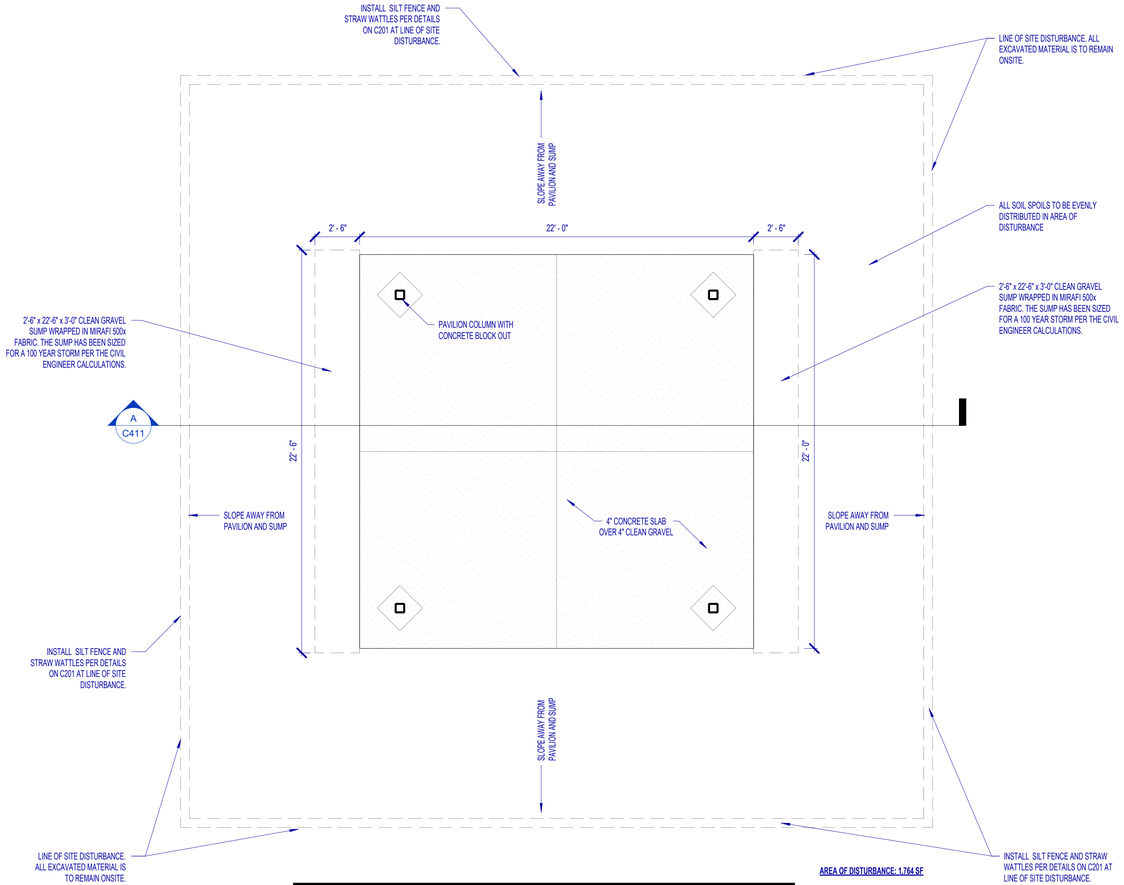
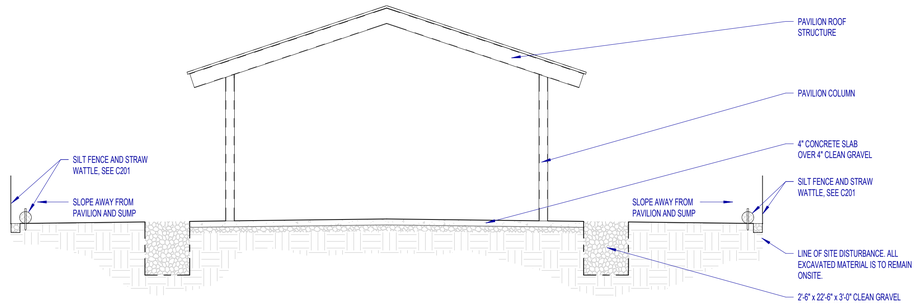
Weber County Erosion Control Details

C201



Site Plan 1

SCALE: 1/4" = 1'-0"



Pavilion Section A

SCALE: 1/4" = 1'-0"

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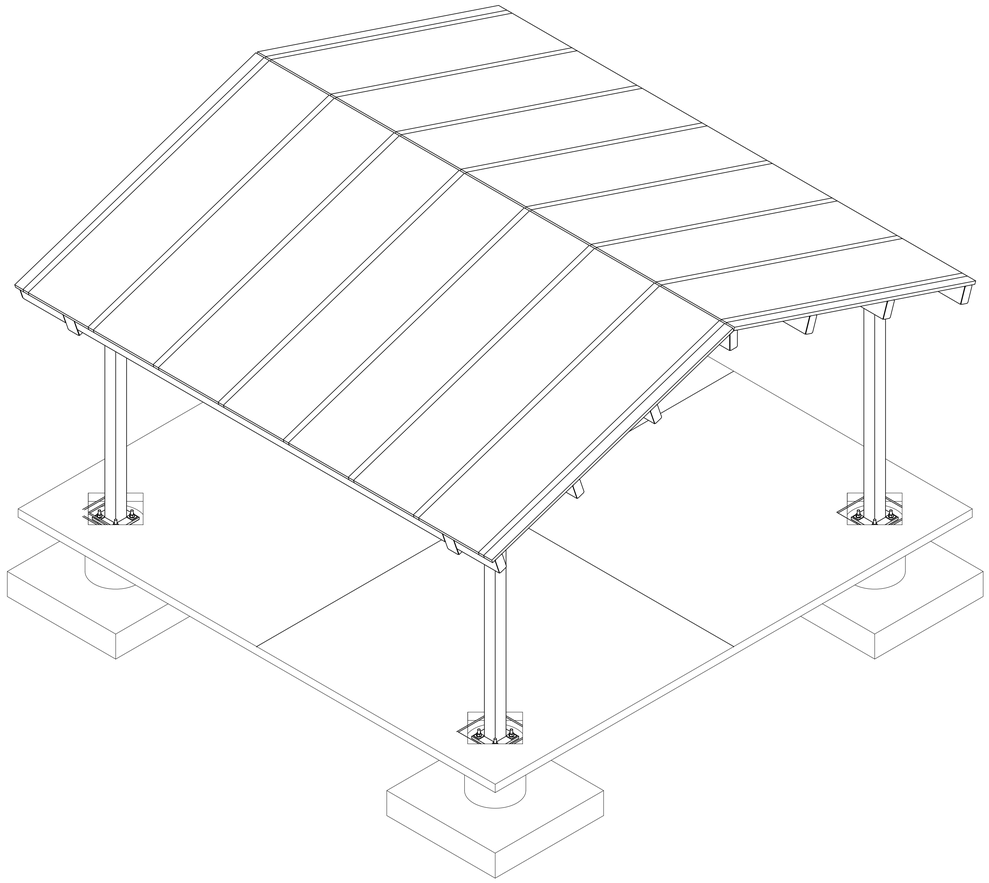
Site Plan & Section

C411



DESIGN CRITERIA:

1. 2021 INTERNATIONAL BUILDING CODE WITH STATEWIDE AMENDMENTS
2. TYPE OF CONSTRUCTION: TYPE II-B
3. BUILDING USE: ASSEMBLY A-3
4. BUILDING OCCUPANCY CATEGORY: II
5. BUILDING HEIGHT: PER PLANS
6. NO. OF OCCUPANTS: 120
7. ROOF DEAD LOAD – 6 PSF PLUS FRAMING WEIGHT
   a. METAL DECK: 1.5 PSF
9. SNOW LOAD
   b. Pg: 80 PSF (GROUND SNOW LOAD)
   c. Pf = 0.7 * Pg * Ce * Ct * Is = 78 PSF (ROOF SNOW LOAD)
      1) Ce: 1.2
      2) Ct: 1.2
      3) Is: 1.0
   d. Ps = Pf Cs
      1) Cs: 0.96 FOR A 4:12 PITCH
      2) Ps: 78 PSF
10. WIND LOAD
    a. V3s: 115 MPH
    b. EXPOSURE: C
    c. W: 1.00
11. SEISMIC LOAD
    a. Ie: 1.00
    b. Ss: 1.2
    c. S1: 0.39
    d. Sds: 0.87
    e. Sd1: 0.83
    f. SITE CLASS: D
    g. SEISMIC DESIGN CATEGORY: D
    h. R: 1.25 (CANTILEVERED STEEL COLUMNS)
    i. EQUIVALENT LATERAL FORCE PROCEDURE
    j. Cs = 0.696
12. ALLOWABLE SOIL BEARING PRESSURE = 1,500 POUNDS PER SQUARE FOOT.
13. ALLOWABLE FOUNDATION AND LATERAL PRESSURE = 100 PSF/FT BELOW NATURAL GRADE (TABLE 1806.2 OF 2021 IBC).

PAVILION CONSTRUCTION SEQUENCE NOTES:

1. VERIFY PERMIT REQUIREMENTS BEFORE SIGNING CONTRACTS.
   a. BUILDING PERMIT
   b. PLANNING OR CONDITIONAL USE PERMIT
   c. 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 45 DEGREES.
15. PLACE REMAINDER OF CONCRETE SLAB ANY TIME AFTER BEAMS, ROOF DECKING ARE SECURELY IN PLACE.
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 PAVILION WORK.
20. ALL STEEL COLUMNS, SADDLES, BOLTS, AND BASE PLATES TO BE POWDER COATED. TOUCH-UP FINISH PAINTING BY OTHERS.

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 D-1557.

UTILITIES:

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

CONCRETE:

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 GRADE.
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.
4. 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.
5. 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 THE LATEST EDITION OF ACI 318.
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:

1. ALL STEEL PLATES TO BE ASTM A36
2. STEEL TUBES TO BE ASTM A500, GRADE C, Fy = 50,000 PSI
3. 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:

1. MEGA-RIB PAINTED ROOF PANELS BY McELROY METAL.
2. PROFILE DEPTH: 1-1/2"
3. PANEL WIDTH: 36"
4. MIN THICKNESS: 24ga.
5. FY = 50 KSI
6. COLOR AS PER OWNER FROM MANUFACTURERS STANDARD COLOR SELECTION.
7. INSTALL AS PER MANUFACTURERS INSTRUCTIONS.
8. PROVIDE EDGE AND TERMINATION DETAIL COMPONENTS AS REQUIRED TO OBTAIN MANUFACTURER WARRANTY.

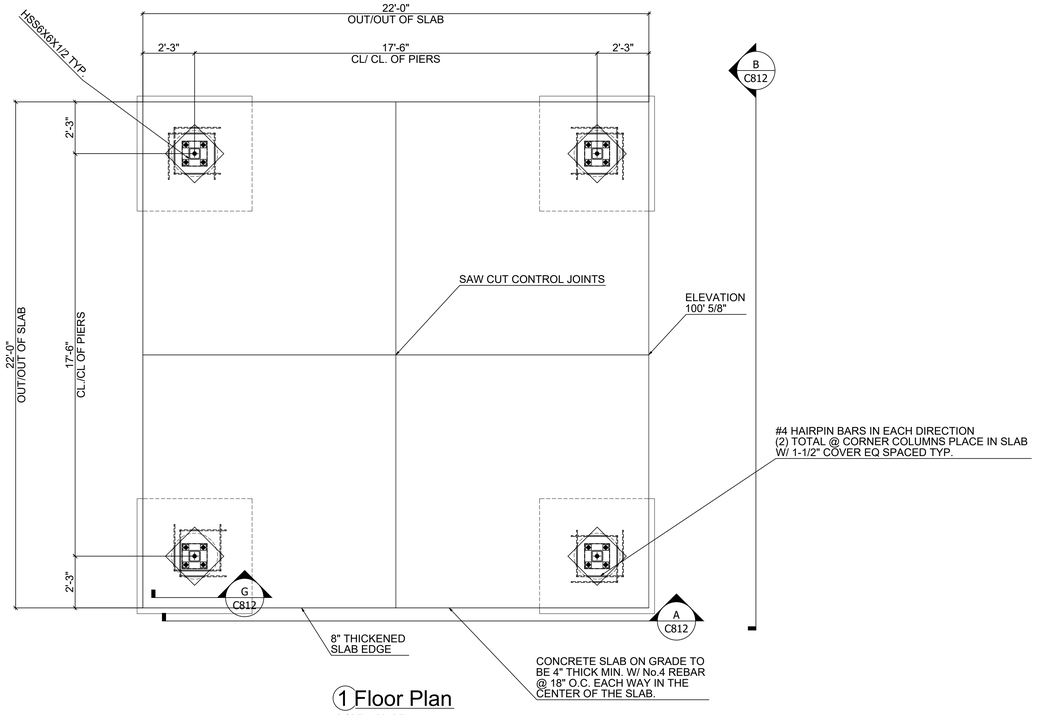
ELECTRICAL:

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.
2. 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.

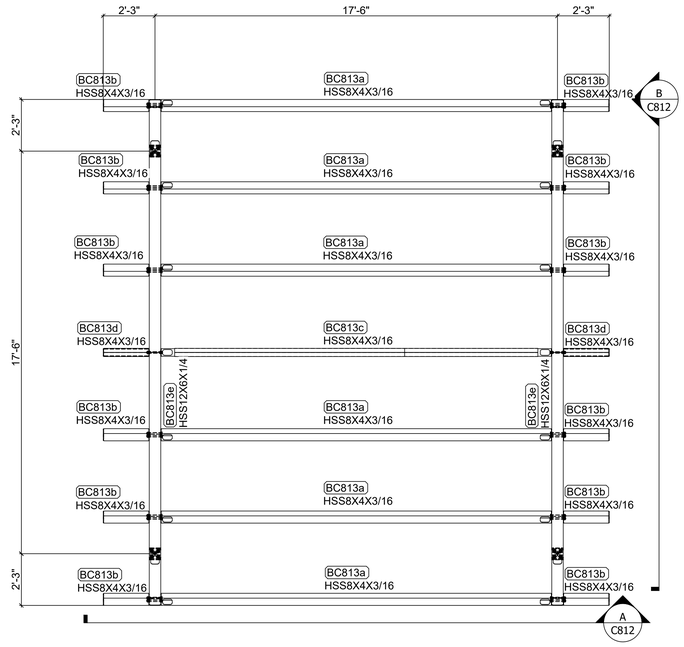
SPECIFICATIONS:

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.

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.



1 Floor Plan
3/8"=1'-0"



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

Supplier:

SMITH STEELWORKS

Stamp: PROFESSIONAL ENGINEER
DOUGLAS M. FARLEY
No.318831
05/23/2025
STATE OF UTAH

22'X22' All Steel Pavilion

Camp Ben Lomond
2655 East, 5100 North
Eden, UT 84310

Mark	Date (DD-MM-YY)	Description

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

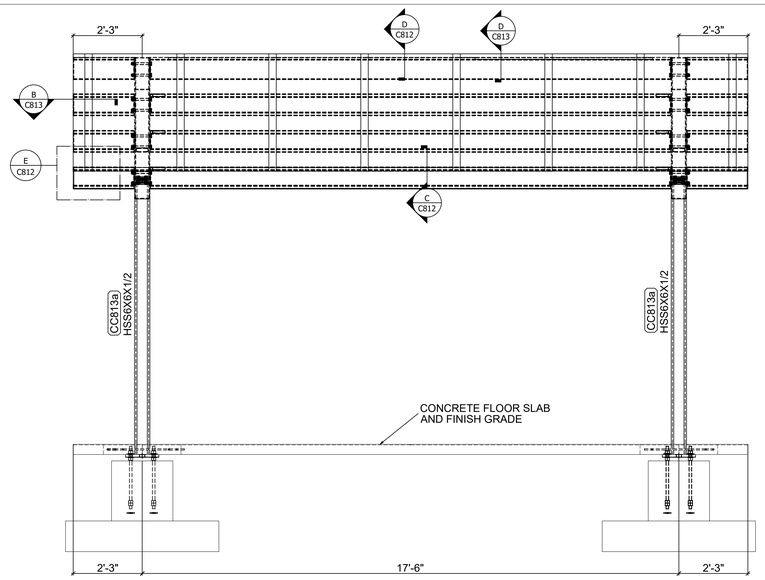
Project Number:

Plan Series:

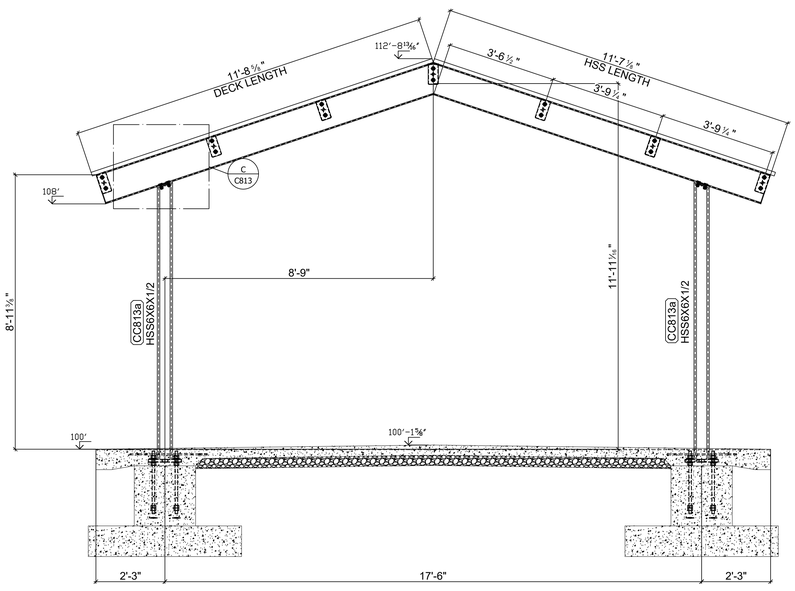
Property Number:

Sheet Title:
3D VIEW
PLAN VIEWS

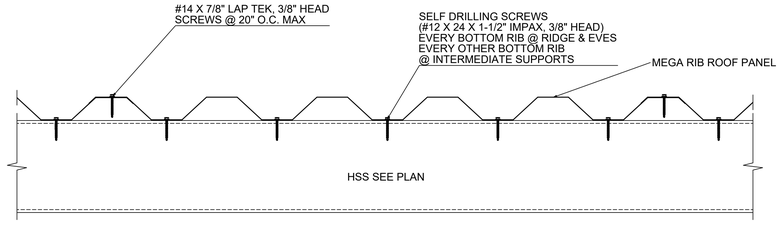
Sheet:
C811



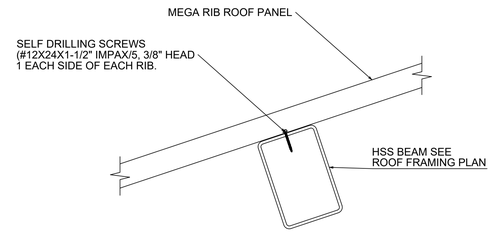
A Side Elevation
1/2"=1'-0"



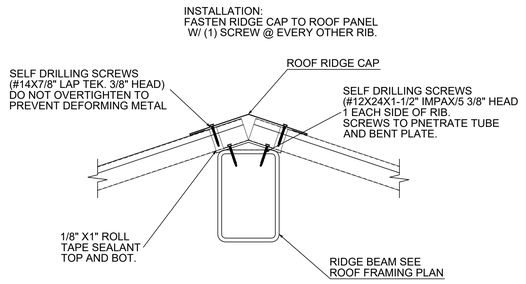
B End Elevation
1/2"=1'-0"



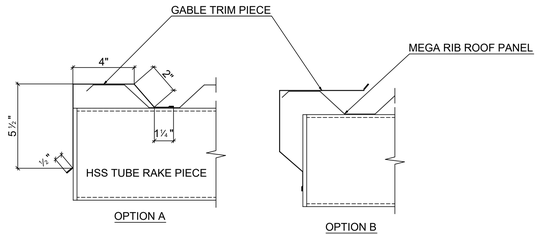
F Roof Panel @ Supporting Member



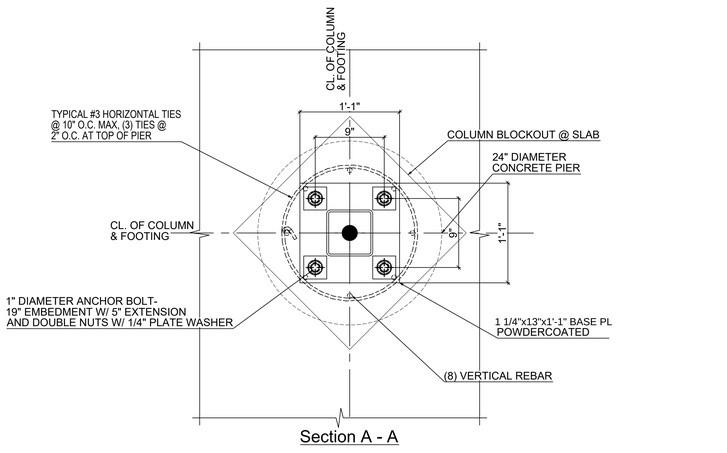
C ROOF PANEL @ BEAM



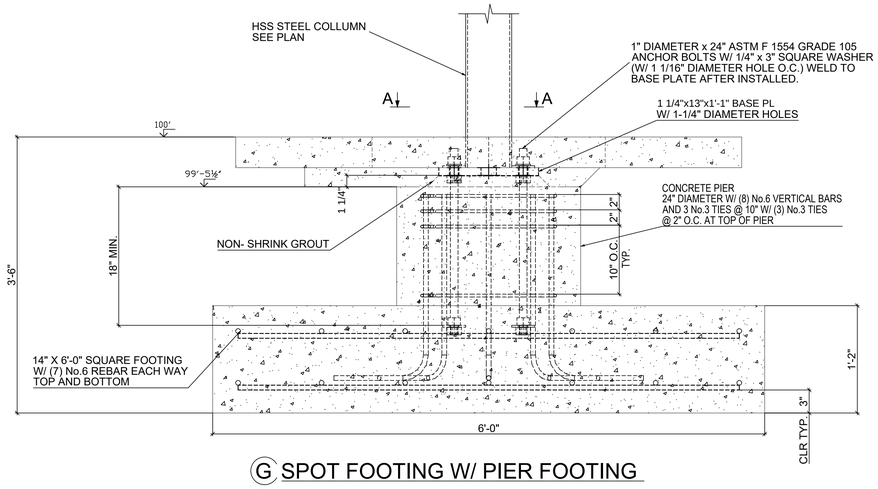
D ROOF PANEL @ RIDGE BEAM



E ROOF TRIM @ GABLE



Section A - A



G SPOT FOOTING W/ PIER FOOTING
OPTION A

Supplier:

SMITH STEELWORKS

Stamp: STRUCTURAL PROFESSIONAL ENGINEER DOUGLAS M. FARLEY No.318831 05/23/2025 STATE OF UTAH

22'X22' All Steel Pavilion

Camp Ben Lomond
2635 East, 5100 North
Eden, UT 84310

Mark	Date (DD-MM-YY)	Description

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

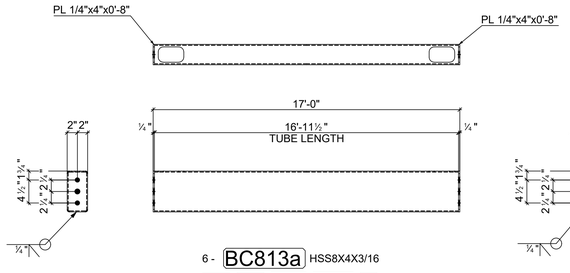
Project Number:

Plan Series:

Property Number:

Sheet Title:
ELEVATIONS
ROOF DETAILS
FOOTING DETAILS

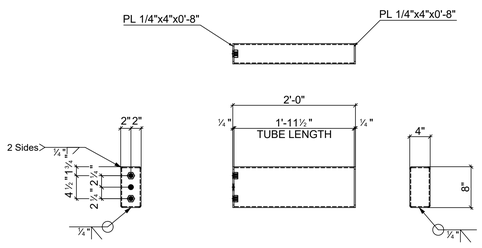
Sheet:
C812



6 - **BC813a** HSS8X4X3/16

d=8" | b=4" | t= 3/16" | w= 3/16" | k=

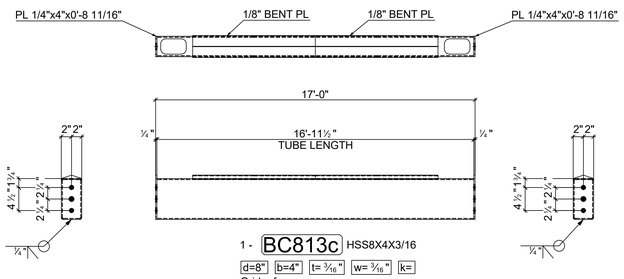
Grid reference



12 - **BC813b** HSS8X4X3/16

d=8" | b=4" | t= 3/16" | w= 3/16" | k=

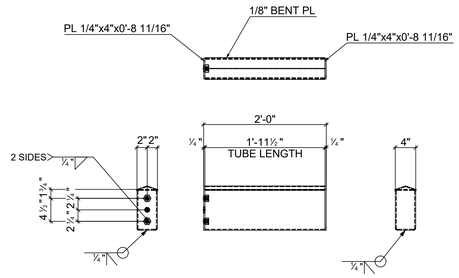
Grid reference



1 - **BC813c** HSS8X4X3/16

d=8" | b=4" | t= 3/16" | w= 3/16" | k=

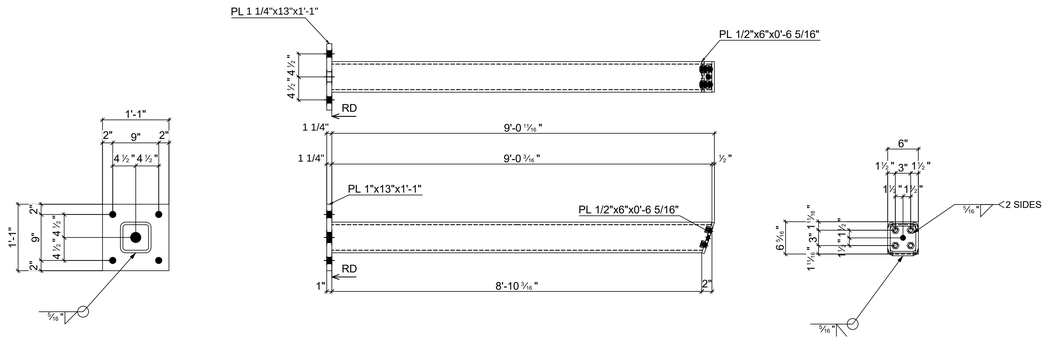
Grid reference



2 - **BC813d** HSS8X4X3/16

d=8" | b=4" | t= 3/16" | w= 3/16" | k=

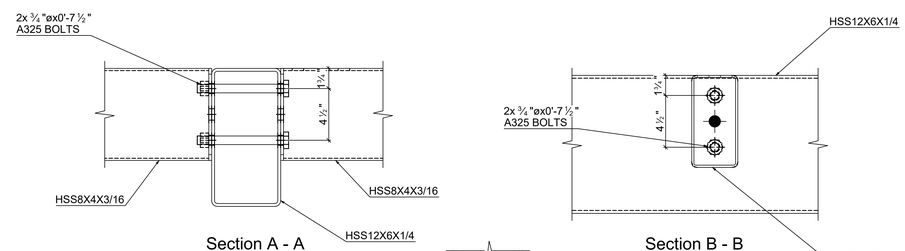
Grid reference

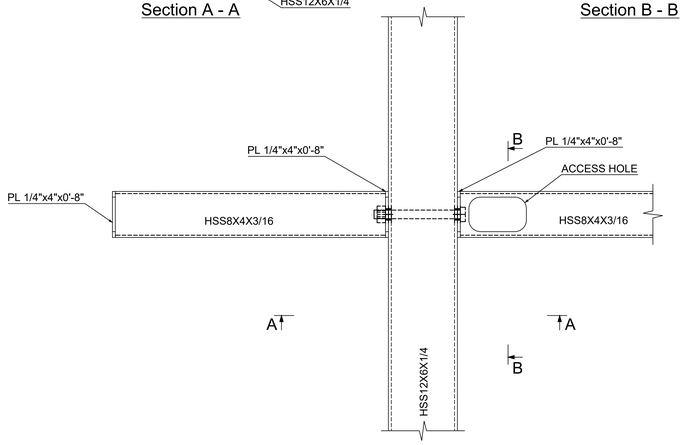


4 - **CC813a** HSS6X6X1/2

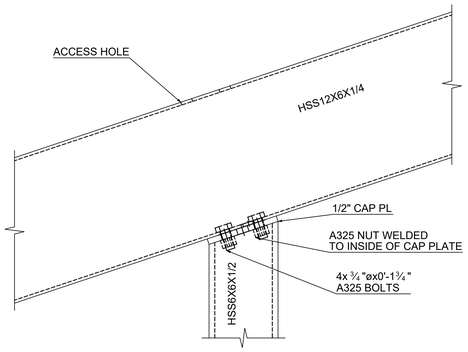
d=6" | b=6" | t= ½" | w= ½" | k=

Grid reference

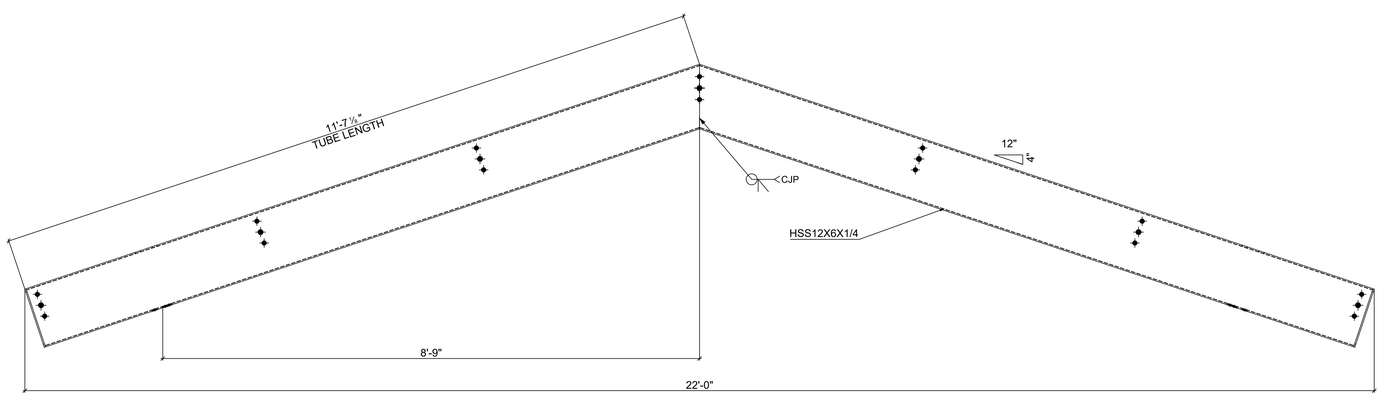




B Detail view



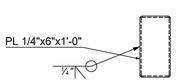
C Detail view

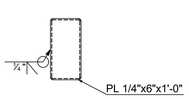


2 - **BC813e** HSS12X6X1/4

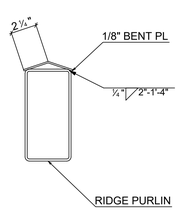
d=1" | b=6" | t= ¼" | w= ¼" | k=

Grid reference





NOTE: AT ACCESS HOLES DO NOT WELD BENT PLATE TO PURLIN. PROVIDE SECTION OF BENT PLATE TO BE SCREWED TO RIDGE PURLIN TO COVER ACCESS HOLE.



D Detail View

Supplier:

SMITH STEELWORKS

STRUCTURAL
PROFESSIONAL ENGINEER
DOUGLAS M. FARLEY
No.318831
05/23/2025
STATE OF UTAH

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Project for:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

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Project Number:

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Sheet Title:
STRUCTURAL FRAMING DETAILS

Sheet:
C813