

ADDENDUM

Project: Iona South Heritage 09TSC

Project No.: 500599017010101

Addendum No.: Two

Project Address: 4440 E High Grove Rd., Idaho Falls, ID 83401

Date: April 25, 2017

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

From (Architect): NBW Architects Idaho Falls, Idaho

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 6 page(s) and the attached drawing(s), Sheet(s) A302, A304, LP101, dated NA.

Bid Opening:

Date: **April 27, 2017**
Time: **2:00 p.m.**
Location: NBW Architects Office
990 John Adams Pkwy.
Idaho Falls, ID 83401

GENERAL

1. The General Contractor shall purchase and pay for the General Building Permit as outlined in Item 3 of the Supplementary Conditions. The General Building Permit will not be paid for by the Owner as discussed at the Pre-Bid Conference.
2. A SWPPP plan will not be provided by the owner. This will be the responsibility of the General Contractor.
3. Fiber will not be required in concrete.
4. Lithium (or Fly Ash) will be required in all exterior concrete. This includes all site work and exterior stem walls. (Spec Section Part 2.1.C.3.a.)
5. All landscape curbing to be hand formed. No curbing machines allowed. (Spec Section 03 3111 Part 3.3.A.5.d.2). Aggregate base is required under landscape curbing (mow strips). See Detail M/C501. Delete Spec Section 3 3111 Part 3.3.A.5.d.1.

SPECIFICATIONS

1. Section 06 4001. Common Architectural Woodwork Requirements. Part 2.1 Fabricators. Add the following company to the list of approved fabricators.
Merrill Woodworking & Design
659 N 4128 E
Rigby, ID 83442
Nichol Eames (208) 745-7320
merrilloffice@gmail.com
2. Section 08 4113. Aluminum-Framed Entrances and Storefronts. Part 2.1.D.4.d. Low-Swing Door Operator. The following manufacturer is to be added to the list of approved products:
Hunter HA-8 by Hunter Access Technologies, Inc., Lakewood, NJ.
www.hunterautomatics.com

3. Section 22 1116. Replace paragraphs 2.1.B, 7 and 8 with the following paragraphs 7 and 8.
 7. Mixing Valve For Lavatories:
 - a. Solid brass construction and CSA B125 certified.
 - b. Includes integral check valves and inlet screen. Features advanced paraffin-based actuation technology.
 - c. Flow of **5.7 GPM (21.58 LPM)** with maximum **10 psi (69 kPA)** pressure drop. Perform to minimum flow of **0.5 GPM (1.89 LPM)** in accordance with ASSE 1070.
 - d. Set for **110 deg F (43 deg C)** Service.
 - e. Match Construction Drawings for connection sizes.
 - f. Class One Quality Standard: Powers LFLM495. See Section 01 6200.
 - g. Acceptable Manufacturers: Lawler, Leonard, Powers, Sloan, Symmons, and Watts.
 8. Mixing Valve For Font:
 - a. Solid brass construction and CSA B125 certified.
 - b. Includes integral check valves and inlet screen. Features advanced paraffin-based actuation technology.
 - c. Flow of **11 GPM (41.58 LPM)** with maximum **10 psi (69 kPA)** pressure drop. Perform to minimum flow of **0.5 GPM (1.89 LPM)** in accordance with ASSE 1017.
 - d. Set for **100 deg F (38 deg C)** Font Service.
 - e. Match Construction Drawings for connection sizes.
 - f. Class One Quality Standard: Powers LFLM490. See Section 01 6200.
 - g. Acceptable Manufacturers: Lawler, Leonard, Powers, Sloan, Symmons, and Watts.
4. Section 22 4216. Add the Following paragraph to paragraph 2.1.c.2.c Single Compartment Sinks.
 - c. Single Compartment Sink:
 - 1) Description:
 - a) Size: **22 by 19.5 inches (559 mm by 495 mm)** nominal.
 - 2) Design Criteria:
 - a) Not required to meet NSF International Standards for Lead Free.
 - 3) Category Four Approved Products. See Section 01 6200 for definitions of Categories:
 - a) Elkay: LR-2219.
 - b) Just: SL-1921-AG-R.
 - c) Kindred: LBS 4008P-1.
5. Prior Approvals: Section 23 0933 4.A. Acceptable Installers:

Curtis Electric
Mecham Automation
Justin Allen
6. Section 32 3123, Plastic Fences and Gates. See attached revised specification section for updated 2.1 Assemblies section.

ARCHITECTURAL

1. Sheet A302, Building Section A. Insulating spray foam extended on truss. See attached Sheet A302.
2. Sheet A304, Building Section B. Insulating spray foam added to trusses. See attached Sheet A304.

MECHANICAL

1. P Sheets – Delete Reference to MV-1 and MV-2. Mixing Valves shall be as described in Specification 22 1116 above and tagged as “Mixing Valve for Lavatories.” Or “Mixing Valves for Font.”

ELECTRICAL

1. Sheet LP101 – Add heat trace to gutters and downspouts located south of the small gable overbuilds and over mechanical pad enclosures. See attached Sheet LP101.

End of Addendum

SECTION 32 3123**PLASTIC FENCES AND GATES****PART 1 - GENERAL****1.1 SUMMARY**

- A. Includes But Not Limited To:
 - 1. Furnish and install complete fence at mechanical enclosures as described in Contract Documents.

1.2 REFERENCES

- A. Reference Standards:
 - 1. ASTM International:
 - a. ASTM F964-13, 'Standard Specification for Rigid Poly (Vinyl Chloride)(PVC) Compounds and Chlorinated Poly (Vinyl Chloride)(CPVC) Compounds'.

1.3 SUBMITTALS

- A. Action Submittals:
 - 1. Product Data: Manufacturer's literature including material compliance, selected style, and options.
- B. Informational Submittals:
 - 1. Manufacturer Instructions:
 - a. Printed installation instructions. Indicate post reinforcing method used.
- C. Closeout Submittals:
 - 1. Include following in Operations And Maintenance Manual specified in Section 01 7800:
 - a. Warranty Documentation:
 - 1) Final, executed copy of Warranty.
 - b. Record Documentation:
 - 1) Manufacturers documentation:
 - a) Manufacturer's literature.
 - b) Color and style selection.

1.4 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Installers:
 - a. Fence shall be installed by mechanics skilled and experienced in erecting fences of this type.
 - b. Installers shall have been trained by Fence Manufacturer.

1.5 WARRANTY

- A. Manufacturer Warranty:
 - 1. Manufacturer's standard commercial warranty.

PART 2 - PRODUCTS

2.1 ASSEMBLIES

- A. Manufacturers:
1. Category Four Approved Manufacturers. See Section 01 6200 for definitions of Categories:
 - a. A Vinyl Fence & Deck Wholesaler, Klamath Falls, OR www.vinyfenceanddeck.com.
 - b. Country Estate Fence, Cozad, Nebraska www.countryestate.com.
 - c. Westech Building Products, Inc., Mount Vernon, IN www.westechbp.com.
 - d. National Vinyl Products, LLC, Nephi, UT www.nvpfence.com
- B. Performance;
1. Design Criteria:
 - a. Posts:
 - 1) 5 Feet (1.50 Meter) And Higher: 5 inches (125 mm) square with wall thickness of 0.160 inch (4.064 mm) minimum.
 - 2) Less Than 5 Feet (1.50 Meter): 4 inches (100 mm) square with wall thickness of 0.165 inch (4.826 mm) minimum.
 - 3) Post spacing 6'-0" maximum.
 - b. Rails: 5 1/2 inch by 1 1/2 inches, 7 inch by 2 inch or 8 inch by 1 3/4 inch actual dimension. Reinforce top and bottom rail with galvanized or corrosive-resistant metal.
 - c. Vinyl:
 - 1) Products must meet the following requirements: Extrusions shall comply with ASTM F964-13.
 - 2) PVC formulated to resist impact and to be UV stable.
 - d. Category Four Approved Products. See Section 01 6200 for definitions of Categories:
 - 1) Products that meet design criteria. No exceptions.
- C. Components:
1. Vinyl:
 - a. Fence panels shall be tongue and groove.
 - b. Color: White.
 - c. Style Quality Standard: Privacy Fencing.
 - d. Vinyl "U" channels attached to posts to secure panels.
 2. Hardware and Fasteners: Stainless steel.
- D. Mixes:
1. Post Foundation And Post Reinforcement Concrete:
 - a. One cu ft cement, 2 cu ft (0.0566 cu m) sand, 4 cu ft (0.1132 cu m) gravel, and 5 gallons (18.93 liters) minimum to 6 gallons (22.71 liters) maximum water.
 - b. Mix thoroughly before placing.

PART 3 - EXECUTION

3.1 INSTALLATION

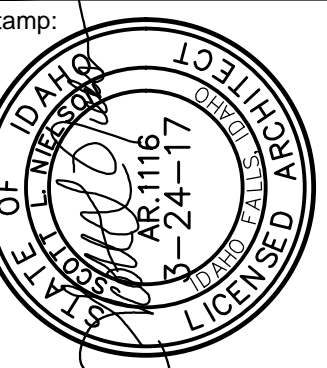
- A. Fence:
1. Equally space posts 6 foot (1.80 meter) on center maximum. Measure height of posts from top of concrete foundation to top of post.
 2. Reinforce corner posts, end posts, gate posts, and alternating line posts by one of following methods:
 - a. UngROUTED: Full height hot-dip galvanized or corrosion-resistant metal.
 - b. Grouted: Two No. 4 bars placed at diagonal corners of post.
 3. Set posts and metal reinforcing in concrete post foundations measuring 10 inches (255 mm) minimum in diameter and 30 inches (762 mm) deep. For fences installed in slabs, measure post foundation depth from top of slab.

4. After posts have been permanently positioned and concrete cured for one week minimum, install rails and pickets. Rout rails into posts and mechanically secure against pull-out from posts.
5. Semi-permanently install caps.

3.2 CLEANING

- A. Spread dirt from foundation excavations evenly around surrounding area unless otherwise directed. Leave area free of excess dribbles of concrete and other scrap materials.

END OF SECTION



New Meetinghouse for:
Iona South
Heritage 09TSC
4440 E High Grove Road
Idaho Falls, ID 83401

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

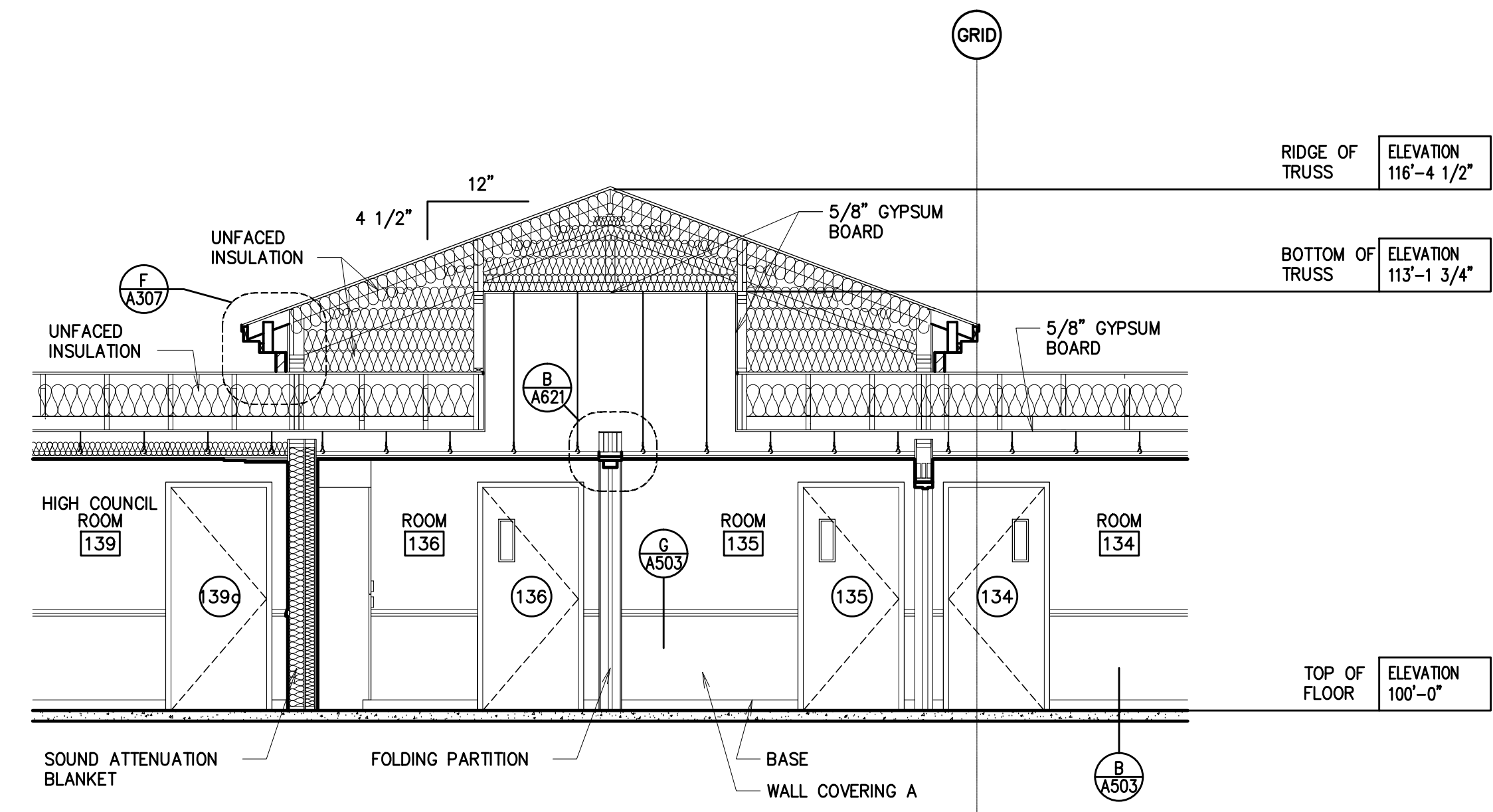
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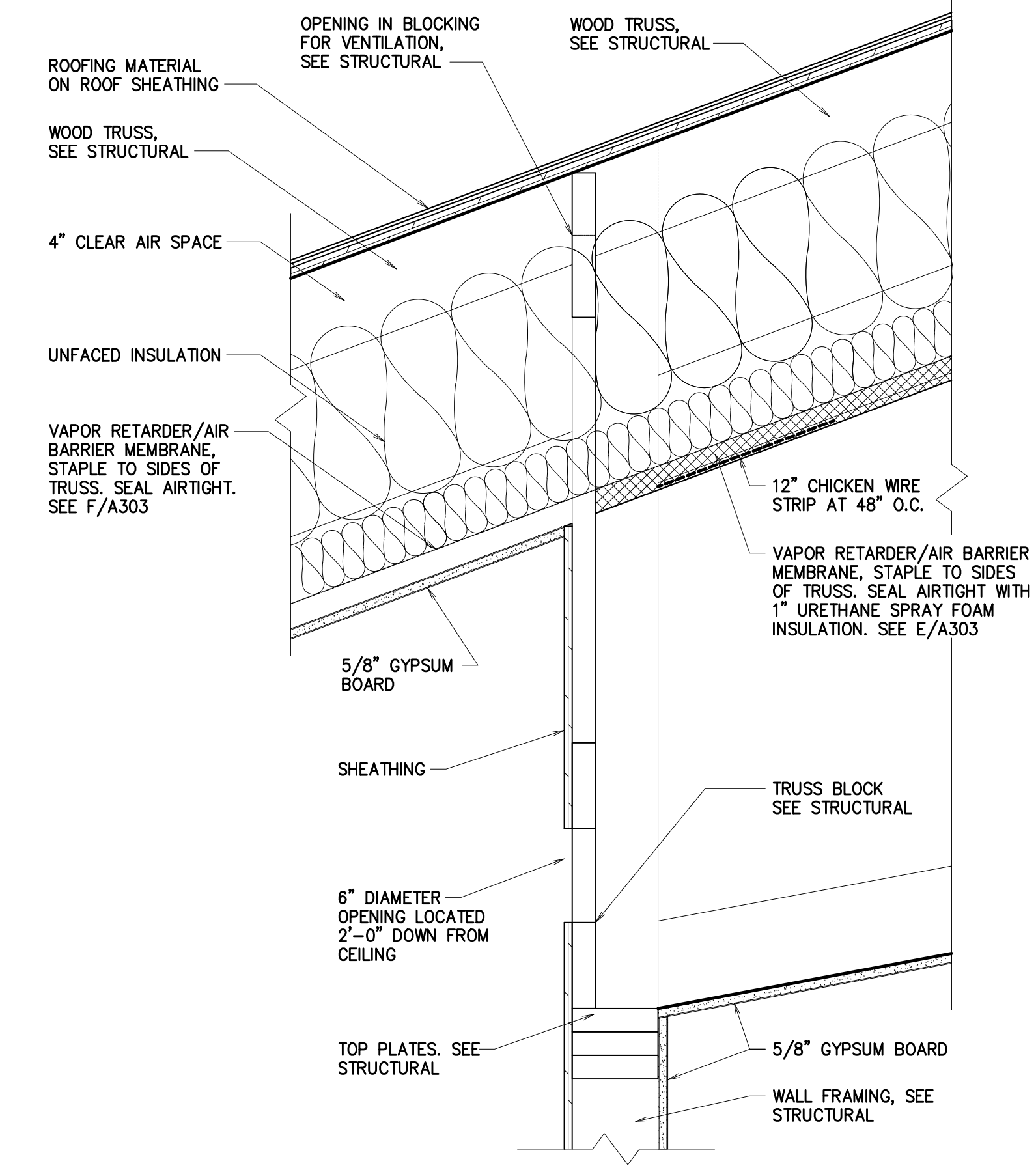
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16065
Plan Series:
HET-SDS-09-07
Property Number:
500-5990

Sheet Title:
BUILDING
SECTIONS
AND DETAILS

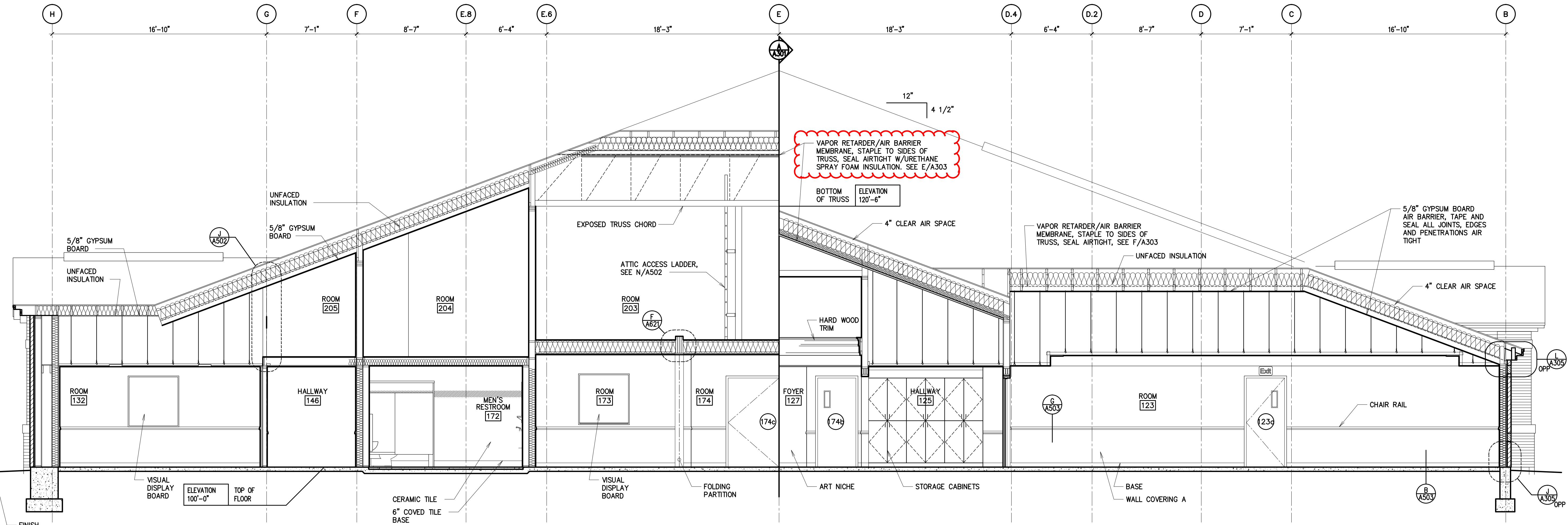
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A304



A BUILDING SECTION
1/4" = 1'-0"



D ROOF DETAIL
1 1/2" = 1'-0"



B BUILDING SECTION
1/4" = 1'-0"

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Stamp:

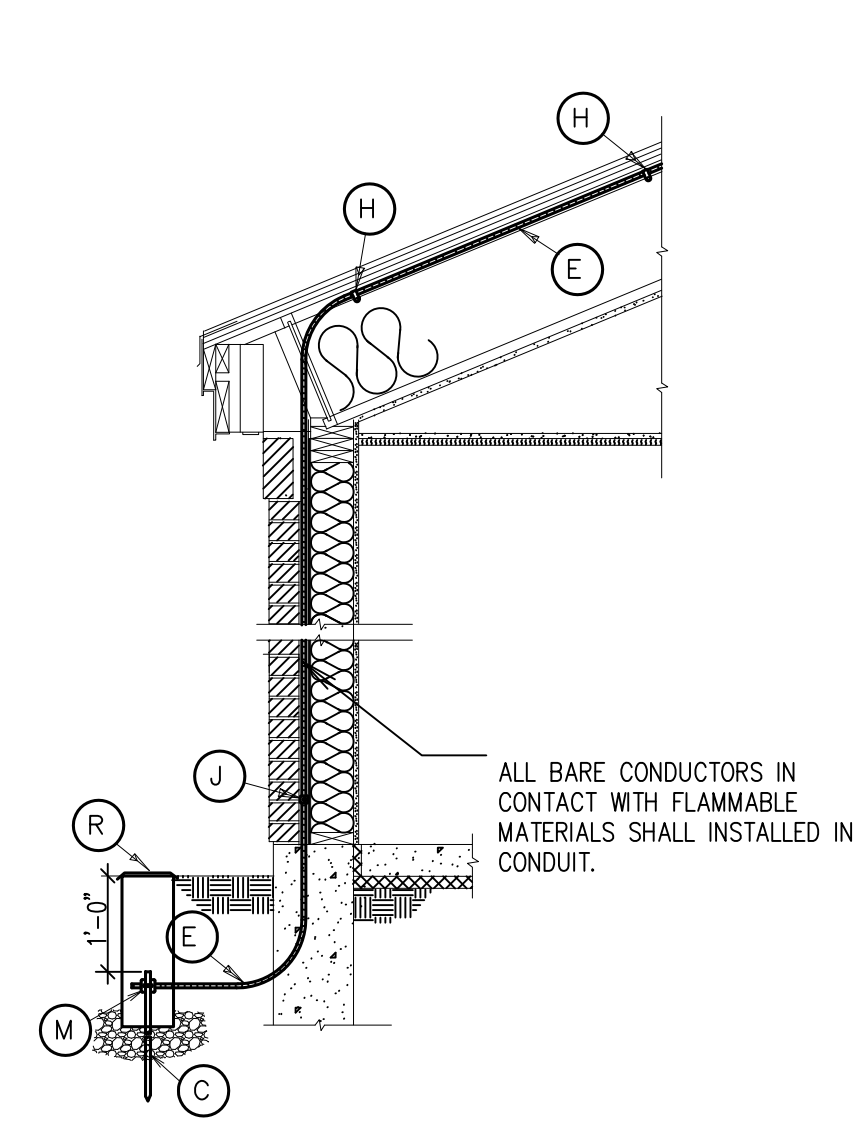
New Meetinghouse for:
 Iona South Stake
 Heritage 09TSC
 4440 E High Grove Road
 Idaho Falls, ID 83401

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

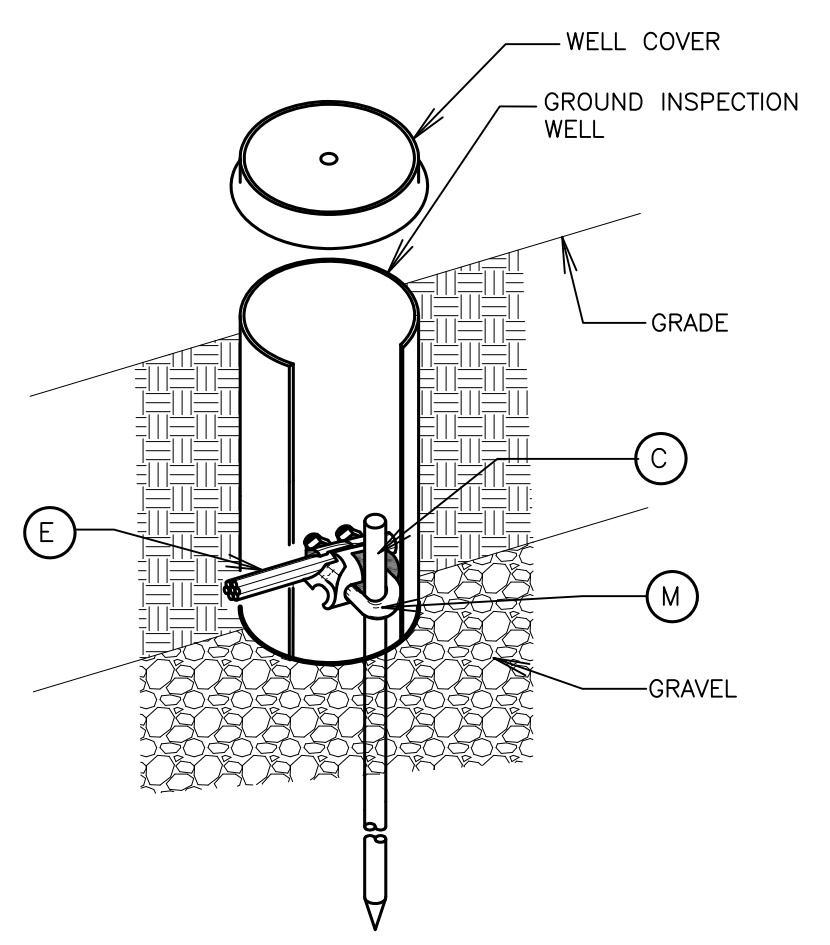
Project Number:
 16065
 Plan Series:
 HET-SDS-09-07
 Property Number:
 500-5990

Sheet Title:
LIGHTNING PROTECTION & SNOW MELT

Sheet:
LP101



P CABLE INSTALLATION DETAIL
 SCALE: 1/2" = 1'-0"



R GROUND INSPECTION WELL
 NOT TO SCALE

| PANEL "HT" | | <input type="checkbox"/> MAIN BRKR. _____ AMPS | | <input checked="" type="checkbox"/> FEED BOTTOM | | <input checked="" type="checkbox"/> SURFACE | | | |
|---------------------------------------------------------|---------|--------------------------------------------------------|---------|-------------------------------------------------|-----------------------|---------------------------------------------|------------|---------|-----------------|
| CLASS 120/208V 3Ø 4W | | <input checked="" type="checkbox"/> MAIN LUGS ONLY 125 | | <input type="checkbox"/> FEED TOP | | <input type="checkbox"/> FLUSH | | | |
| LOCATION _____ | | <input type="checkbox"/> MAIN SW. _____ AMPS | | DIMENSIONS 20"x32"x5 3/4" | | | | | |
| MAKE/MODEL SD D NG00 | | | | | | | | | |
| LOAD NAME | CIR NO. | LOAD WATTS | BRK AMP | LOAD/POLE | PH | BRK AMP | LOAD WATTS | CIR NO. | LOAD NAME |
| ROOF HEAT TRACE | 1 | 2000 | 30 | 4000 | A | 1 | 2000 | 2 | ROOF HEAT TRACE |
| | 3 | 2000 | | 4000 | B | | 2000 | 4 | |
| | 5 | 2000 | | 4000 | C | | 2000 | 6 | |
| | 7 | 2000 | | 4000 | | | 2000 | 8 | |
| SPARE | 9 | | 20 | | | 1 | 20 | 10 | SPARE |
| | 11 | | | | | | | 12 | |
| | 13 | | | | | | | 14 | |
| | 15 | | | | | | | 16 | |
| | 17 | | | | | | | 18 | |
| TOTAL LOAD/PHASE | | WATTS 8000 | 4000 | 4000 | S.C. INT CAP/BRK. 10K | | AMPS. | | |
| FEEDER CONDUCTOR SIZE - SEE RISER | | AMPS 67 | 33 | 33 | CONDUIT SIZE | | SEE RISER | | |
| REMARKS: * THESE BREAKERS TO BE GFEED TYPE AS PER CODE. | | | | | | | | | |

GUTTER TAPE SHALL BE SUCH AS RAYCHEM GM-1XT, SELF REGULATING HEAT TAPE. E.C. SHALL PROVIDE AND INSTALL ALL REQUIRED CONNECTORS, TERMINAL KITS, END CAPS, HANGERS, STRAPS ETC. FOR A COMPLETE INSTALLATION ACCORDING TO MANUFACTURER'S INSTALLATION GUIDELINES. COORDINATE WITH ROOFING INSTALLER.

NOTES

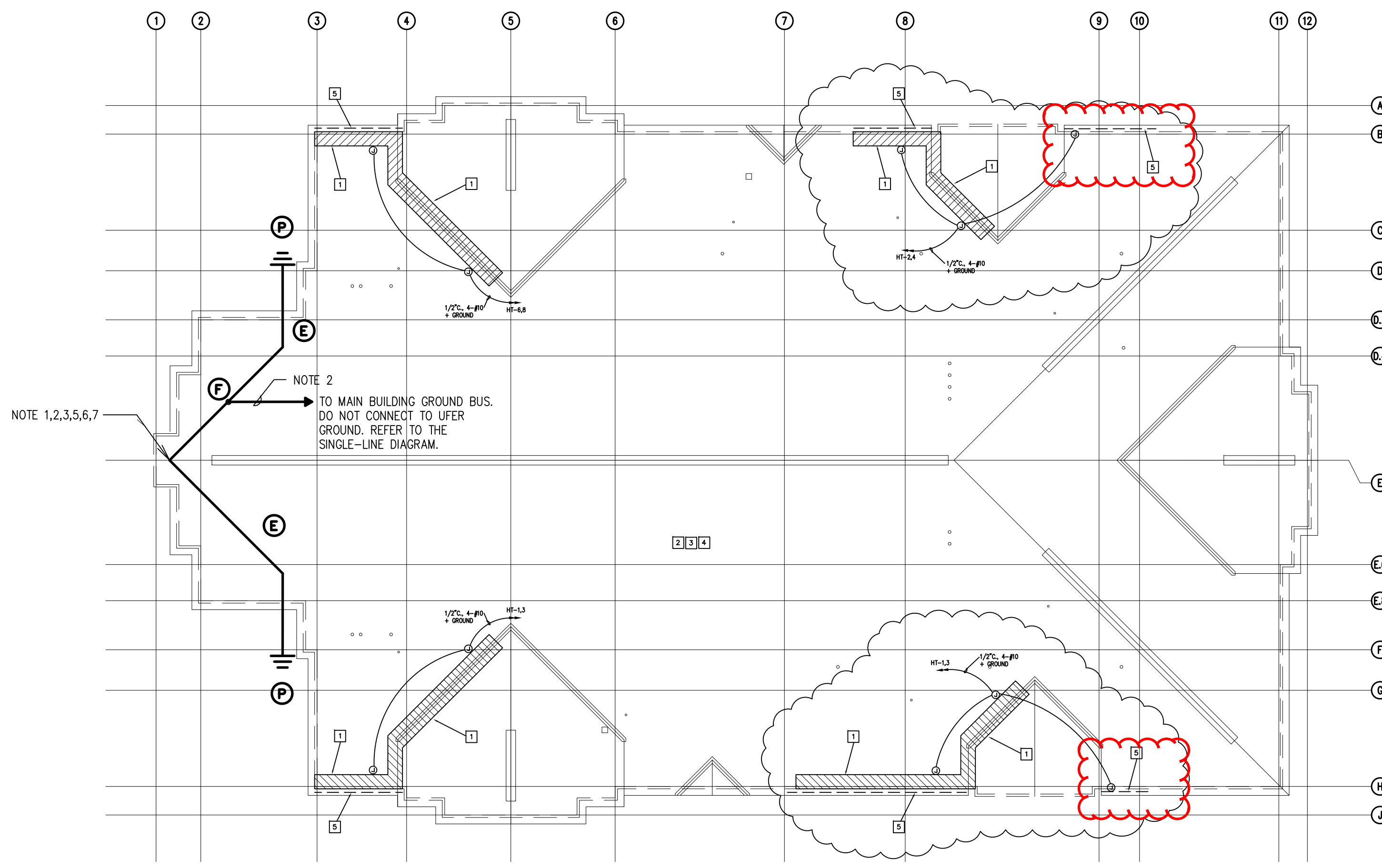
- SEE SHEETS A121, A303 AND A308 FOR REQUIRED LIGHTNING PROTECTION SYSTEM. COORDINATE CONNECTION TO THE STEEPLE WITH THE GENERAL CONTRACTOR AND STEEPLE SUPPLIER. MAKE ALL REQUIRED CONNECTIONS FOR A COMPLETE LIGHTNING PROTECTION SYSTEM.
- SUPPORT LIGHTNING CABLES EVERY THREE FEET ALONG ENTIRE RUN USING SPECIFIED FASTENERS.
- BOND METAL BODIES INTO SYSTEM AS REQUIRED.
- FURNISH AND INSTALL SURGE PROTECTION DEVICE (SPD) FOR MAIN ELECTRICAL PANEL. REFER TO SPECIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CONNECTION REQUIREMENTS TO THE STEEPLE WITH THE GENERAL CONTRACTOR AND STEEPLE SUPPLIER. ELECTRICAL CONTRACTOR SHALL BE ON SITE WHEN THE STEEPLE IS INSTALLED AND MAKE ALL REQUIRED CONNECTIONS TO THE LIGHTNING PROTECTION SYSTEM.
- REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- REFER TO THE SPECIFICATIONS FOR FITTING REQUIREMENTS.

LEGEND

- (A)** AIR TERMINAL
- (B)** CONCEALED AIR TERMINAL BASE ASSEMBLY
- (C)** GROUND ROD
- (D)** SMOOTH TWIST ALUMINUM CABLE
- (E)** SMOOTH TWIST COPPER CABLE
- (F)** PRESSURE TYPE TEE CABLE SPLICER
- (G)** BIMETAL PARALLEL CLAMP
- (H)** COPPER LOOP FASTENER
- (J)** LARGE BRONZE CLAMP
- (K)** PIPE CLAMP
- (M)** PERPENDICULAR GROUND ROD AND CABLE CLAMP
- (N)** AIR TERMINAL

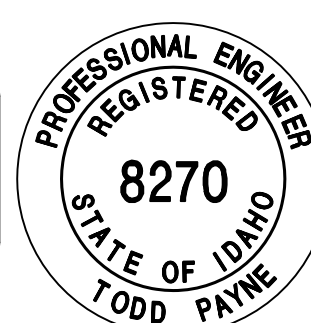
ROOF HEAT TRACE NOTES:

- INSTALL HEAT TAPE AS INDICATED AT EAVES AND VALLEYS PER MANUFACTURER. INSTALL IN ROOF PANELS PER MANUFACTURER'S RECOMMENDATIONS (TYPICAL). COORDINATE WITH ROOFING INSTALLER.
- ROUTE HEAT TAPE CIRCUITS THROUGH CONTACTOR. SEE DETAIL THIS SHEET. INSTALL #10 CONDUCTORS. SEE SHEET E103 FOR LOCATION.
- PROVIDE SEPARATE NEUTRAL REQUIRED FOR GFI BREAKERS.
- DO NOT EXCEED 185 FEET OF CABLE ON EACH 30A CIRCUIT.
- INSTALL HEAT TAPE IN ALL INDICATED GUTTERS AND DOWNSPOUTS. INSTALL PER MANUFACTURER'S INSTALLATION DETAILS.



1 LIGHTNING PROTECTION PLAN & SNOW MELT
 1/16" = 1'-0"

ORIGINAL SIGNED BY:
 TODD E. PAYNE
 DATED ORIGINAL SIGNED:
 3-24-2017
 ON FILE AT:
 PAYNE ENGINEERING INC



P.E. JOB #16102

IPAYNE
 Engineering, Inc. Consulting Engineers
 1823 E. Center
 Pocatello, Idaho 83201
 tel (208) 232-4434 fax (208) 232-1435