Douglas County JLEC Storage Building Roof

CONSTRUCTION ISSUE
October 9, 2019

PROJECT ADDRESS:
1038 Buckeye Rd.
Minden, Nevada 89423

CLIENT:
Douglas County
1594 EsmERALDA AVE.
Minden, Nevada 89423

PROJECT MANAGER:
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CONSTRUCTION ISSUE
October 9, 2019

Job No: JLEC-054.00
Douglas County
1038 Buckeye Rd.
Minden, Nevada 89423

1. BUILD ROOF OVER OPEN PORTION OF GENERATOR BUILDING
2. REMOVE PORTION OF EXISTING CONCRETE SLAB, EXTEND CONDUIT AND PROVIDE NEW CONCRETE SLAB
3. REMOVE EXISTING WALL PACK LIGHT FIXTURE AND INSTALL NEW ROOF MOUNTED LIGHT FIXTURES
Sheet Metal Flashing and Trim:

1.8.4.2.1 Metal Flashings:

- Use sections of metal flashings to cover bullnose, cornices, and moldings, as required by the design.
- Flashings shall be installed according to the manufacturer’s instructions.
- All exposed metal flashings shall be protected from weather and mechanical damage.

2.0.5.7.3 Other Materials:

- Sheet metal flashings and trim shall be installed in accordance with the manufacturer’s recommendations.
- Flashings shall be installed to provide a weather-resistant barrier between the roof and the roof deck.
- Flashings shall be installed to provide a weather-resistant barrier between the roof and the roof deck.

3.0.8.3.1 Maintenance:

- Sheet metal flashings and trim shall be maintained in accordance with the manufacturer’s instructions.
- Flashings shall be cleaned and maintained to ensure a weather-resistant barrier.
- Flashings shall be replaced as necessary to maintain a weather-resistant barrier.

4.0.9.2 Quality Assurance:

- Sheet metal flashings and trim shall be installed in accordance with the manufacturer’s instructions.
- Flashings shall be installed to provide a weather-resistant barrier between the roof and the roof deck.
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5.0.10.4 Testing:

- Sheet metal flashings and trim shall be tested in accordance with the manufacturer’s instructions.
- Flashings shall be tested to ensure a weather-resistant barrier.
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6.0.11.5竣工:

- Sheet metal flashings and trim shall be completed in accordance with the manufacturer’s instructions.
- Flashings shall be installed to provide a weather-resistant barrier between the roof and the roof deck.
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Flashing and Trim: Same material, gauge, finish, and color as the applicable panel components and flashings from foot traffic and from all other trades.

Store panels and flashings in a safe, dry environment under a waterproof covering to prevent water damage.

Select and handle materials and equipment in such a way as to avoid damage to materials, existing building components, and people.

Architectural Standing Seam Roofing System (Z) - Metal counterflashing (adjacent to metal roofing) designed to withstand minimum 70 mph wind speeds.

Verify that no water comes through overflow drain outlets (to horizontal discharge outlets) or through structural and other penetrations in the roof. Verify that there are no areas of congested or loose debris or other materials upon which water may collect and drain only by gravity.

Form pieces in longest practical lengths. Use the shortest, straightest, and most stable materials available. Use joints spaced and aligned evenly spaced from corner to corner.

Protect elements surrounding work of this Section from damage or disfigurement during installation. This includes but is not limited to structural elements, backup structural components, and other building components.

Verify deck is dry and free of snow or ice. Verify flutes in steel deck are dry.

Properly install adhesive-backed metal deck. Steel deck shall be free of defects, such as holes, splits, and other material damage.

When joint substrates are wet. Immediately repair joint sealants. If water begins to sag, repair joint sealant immediately.

Secondary Underlayment: 300 g/L.

Primer: Non-emitting acrylic latex basecoat.

Rubber: Sika Corp.

Sikaflex-

Cementitious: 

(3) Use alternative products with Sika's approval.

Dow Corning Corp.

Sika Corp.

3. Z - Select and apply sealant to correctly match the specified type of sealant and the adjacent building components. The sealant shall be installed in accordance with the sealant manufacturer's installation instructions and recommendations. Ensure that sealants are properly installed at all roof edges. Use sealants that are compatible with adjacent building components.

E. INTERIOR PAINTING

B. Paint selected in accordance with the paint manufacturer's product instructions, including color, thickness, and coverage. Use the colors and finishes selected by the Owner, unless otherwise specified by the Architect.

F. Commonly Accepted Practices for Handling and Moving.

G. Sags: Do not sag, but allow joint sealants to sags.

H. Clean out joint sealants immediately so installations with repaired areas are indistinguishable from original work. Ensure that repair areas are in accordance with the original joint sealant manufacturer's instructions.

I. Install sealants using proven techniques that comply with the following and at the same time backings are installed:

J. Examine joints indicated to receive joint sealants, with Installer present, for compliance with requirements for joint sealant placement.

K. Primary Counterflashing over complete deck, including areas covered with secondary roofing/flashing (unless sealed with urethane sealant).

L. Installation of Joint Sealants

M. Joint Sealants shall be installed in accordance with the requirements of the applicable joint sealant manufacturer.

N. Review and verify shop drawings and shop drawings. Each shop drawing detail shall include a reference to the manufacturer's product data, including product technical bulletins, product catalog installation instructions, and material compatibility.

O. Installation of substrate underlayment and finish flooring. Provide stability and protection from damage to the substrate while applied to the floor.

P. Interior Surfaces. Verify that all interior surfaces are fully dry and free from moisture, such as water or condensation, before installation.

Q. Protection of interior finishes. Ensure that all interior finishes, such as paint, wall coverings, and other materials, are protected from damage during installation of the roof system.

R. Provide full-range of design considerations, including the selection of colors, finishes, and materials that are compatible with one another.

S. Provide protection for the final product and protect the work area during installation.

T. Protect the roof system from damage by这些人, such as high winds, rain, snow, and ice.

U. Verify that the final roof system meets the requirements for load-bearing capacity.

V. Your responsibilities, such as high winds, rain, snow, and ice.

W. Verify that the final roof system meets the requirements for load-bearing capacity.

X. Your responsibilities, such as high winds, rain, snow, and ice.

Y. Verify that the final roof system meets the requirements for load-bearing capacity.

Z. Your responsibilities, such as high winds, rain, snow, and ice.

3. Z - Select and apply sealant to correctly match the specified type of sealant and the adjacent building components. The sealant shall be installed in accordance with the sealant manufacturer's installation instructions and recommendations. Ensure that sealants are properly installed at all roof edges. Use sealants that are compatible with adjacent building components.

A. Partially complete adjoining areas, such as adjacent walls, ceilings, and other building components, before installing the roof system.

B. Verify that all interior surfaces are fully dry and free from moisture, such as water or condensation, before installation.

C. Provide protection for the final product and protect the work area during installation.

D. Verify that the final roof system meets the requirements for load-bearing capacity.

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AREA OF SLAB TO BE DEMOLISHED AND REPLACED, MATCH (E) DEPTH, SEE ARCH.

SEE ARCHITECTURAL AND/OR MECHANICAL/PLUMBING DRAWINGS FOR ANY FLOOR DRAINS OR SINKS, CONTRACTOR TO COORDINATE.

1. CONTRACTOR TO VERIFY AND COORDINATE ALL DIMENSIONS AND CONDITIONS WITH ARCHITECT PRIOR TO FABRICATION OR ERECTION; SEE ARCH.
2. ALL CMU WALLS TO BE 3" wide at 16" OC. AT TRANSVERSE SUPPORTS AND 22" at PARALLEL SUPPORTS. PLEASE WELD "X" AT 12" OC AT PARALLEL SUPPORTS AT PERPENDICULAR SUPPORTS. CMU WALLS TO BE FULLY GROUTED. FIELD VERIFY. IF ANY WALLS ARE FOUND TO NOT BE FULLY GROUTED CONTACT THE ENGINEER IMMEDIATELY.
3. SEE ARCH. FOR SLAB INFILL DETAIL, ENGINEERING REQUIREMENTS AND SUBGRADE PREPARATION REQUIREMENTS.
4. FOUNDATION PLAN NOTES:
   1. CONSTRUCTION TO VERIFY AND COORDINATE ALL DIMENSIONS AND CONDITIONS WITH ARCHITECT PRIOR TO FABRICATION OR ERECTION; SEE ARCH.
   2. AREA OF SLAB TO BE DEMOLISHED, MATCH (E) DEPTH, SEE ARCH.

LEGEND:
- AREA OF SLAB TO BE DEMOLISHED AND REPLACED
- METAL DECK TO BE 3", 16 GA. VERCO PLN3 DECK OR EQUIVALENT.
- SCRIM OR 1 1/2" LONG TOP SEAM WELD @ 24" O.C. OR VERCO (OR EQUAL) PUNCHLOCK II TOOL AT 24" O.C. PUDDLE WELD AT PERPENDICULAR SUPPORTS AND AT 12" OC AT PARALLEL SUPPORTS.
- PLEASE VERIFY AND COORDINATE ALL DIMENSIONS AND CONDITIONS WITH ARCHITECT PRIOR TO FABRICATION OR ERECTION; SEE ARCH.
- CONSTRUCTION TO VERIFY AND COORDINATE ALL DIMENSIONS AND CONDITIONS WITH ARCHITECT PRIOR TO FABRICATION OR ERECTION; SEE ARCH.

CONSTRUCTION ISSUES AND SECTIONS:
1. FOUNDATION PLAN
2. ROOF FRAMING PLAN
3. TRANSVERSE SECTION
4. LONGITUDINAL SECTION
**Interior Lighting Compliance Certificate**

**Interlighting Compliance**

**Energy Code:** 2008 IECC

**Project Information:**
- **Owner:**
- **Consultant:**
- **Copyright:**

**Sheet Title:**
- **PLEASE RECYCLE**

**PROJECT INFORMATION**

- **Owner:**
- **Consultant:**
- **Copyright:**

**Sheet No:**
- **E2**

**SCHEDULES AND ENERGY COMPLIANCE DOCUMENTATION**

**CONSTRUCTION ISSUE**

**Job No:**
- **E2**

**Douglas County JLEC Storage Building Roof**

**1038 Buckeye Rd.**
- **Minden, NV 89423**
- **#19-054.00**

**Sheet:**
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**Date:**
- **10.09.2019**

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