



**Board of County
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Kelly Roberts
Director
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Addendum #2 - Issued October 1, 2012

Regarding Bids for **Pre-Engineered Metal Building System (ITB 12-026P)** for Lucas County Engineer Road Maintenance, bid opening scheduled for October 4, 2012.

This document becomes a fully incorporated part of the specifications, and this letter constitutes legal notice of this requirement.

The entire original Bid Packet including this addendum must be submitted prior to the Bid Opening Date and Time.

Please see attached documentation:

- a) Drawing A1.03 Roof Plan Layout
- b) Drawing A4.11 Wall Sections Layout
- c) Specification and Drawing Write-up



ADDENDUM NO. 02

Lucas County Road Maintenance Building
Bid Package #12-026P – Pre-Engineered Metal Building System
Dated 9/28/2012

Bidders on the above bid package shall note and respond to the following:

1. Pre-Engineered Metal Building System:

- a) Question: Correction to Question 1-F in Addendum 1.

Answer: Correction to Question 1-F in Addendum 1: A Payment and Performance Bond will be required for this project. Reference Bid Package Section G. This proposal requires a Bid Guarantee & Contract Bond (Section 153.571 Ohio revised Code). This document in Section G must be completed and submitted with the Pricing Sheet on the Bid Package Due Date.

- b) Question: Is the roof slope 1:12 or 2:12 at the Repairs Building (the elevations show 1:12 on sheet A4.01 and the roof plan shows 2:12 on sheet A1.03 at this area)?

Answer: All metal building roof slopes are 1:12. Sheet A1.03 has been revised and re-issued with this corrected.

- c) Question: Is the design to be per FM requirements or UL90 requirements? If the design is to be per FM Global requirements, what is the specific requirement (FM90, FM120, etc...)?

Answer: Section 2.3, Paragraph G clearly states wind uplift on the metal roof must comply with UL 580, Class 90. The Owner's facility insurer is FM Global and they have provided recommended design parameters which were included in Addendum 001. The delegated-design engineer is to confirm that the Owner/FM wind force and uplift forces are at minimum met with UL 580, Class 90 requirements.

- d) Question: The insulation specifications are ambiguous. Is the roof insulation to be 8" thick (R25) or 12" thick (R38)? What is specified roof insulation system; Simple Saver system or "sag & bag" system? What type of insulation facing is required - do they want a typical reinforced white scrim, i.e. WMP10?

Answer: The insulation details and specification are changed in this Addendum to clarify the minimum insulation "R" values and the methods of installation. Refer to included specification revisions and drawings for requirements.

- e) Question: Is mezzanine floor areas included in the bid package?

Answer: No, The mezzanine Floor is a 10" Concrete Plank that bears directly on the CMU walls. This scope of work will be included in the Shell Bid Package.

- f) Question: Will we be able to get on the slab with our crane?

Answer: According to the Bid Schedule included in this bid package, the pre-engineered building is schedule to be erected prior to the slab on grade being poured.

- g) Question: Does the plywood in the interior walls go to the eave of building? If so, do we furnish and install?

Answer: Plywood shown on drywall A4.11 is not part of this bid package. The Plywood shown on this drawing will be included in the Shell Package.

- h) Question: Interior, what are we responsible for as far as walls and doors?

Answer: Reference scope of work "Section C – Specification", bid documents, drawings, specifications and addendums included in this Bid Package. There is no "interior" work associated with this bid package. There are no exterior doors or overhead sectional doors included in this bid package.

- i) Question: Do we supply and install roof hatch?

Answer: Yes, Reference Addendum #1

- j) Question: Is the roof hatch frame opening the only penetration through the roof?

Answer: No. Refer to Sheet A1.03 included with this Addendum for roof penetrations.

- k) Question: We assume the masonry is by others, is this correct?

Answer: Masonry is by others. This scope of work will be included in the Shell Bid Package.

2. Due Date:

- a) No change to the Original Bid Package Due Date

3. Attachments Included in Addendum:

- a) Drawing A1.03 Roof Plan Layout
- b) Drawing A4.11 Wall Sections Layout
- c) Specification and Drawing Write-up

All other terms and conditions of to the original bid package remain in effect. Please sign and submit this addendum with the Pricing Sheet on the Bid Package Due Date.

ACCEPTED BY:

Name of Contractor:

By (Signature):

Date:

September 28, 2012

ADDENDUM NO. 002

To the Drawings and Specifications for:

**Lucas County Road Maintenance Building
Pre-engineered Metal Building System – Bid Package 001**

106049

Lucas County Board of Commissioners

Prepared By:

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TO ALL BIDDERS:

This addendum supplements and amends the original drawings and specifications, and shall be taken into account in preparing proposals, and shall become a part of the contract documents. Receipt of this Addendum must be acknowledged in the Bid Form.

ADDENDUM NO. 002
Lucas County Road Maintenance Building
Lucas County Board of Commissioners

BID PACKAGE 001
Pre-Engineered Metal Building System

CLARIFICATIONS

1. None

SPECIFICATIONS

Section 13 3419 METAL BUILDING SYSTEMS – (Section not re-issued)

Item #1 Delete existing Section 2.7, in it's entirety. Replace with revised Section 2.7 below.

2.7 THERMAL INSULATION

- A. Unfaced Metal Building Insulation: ASTM C 991, Type I, or NAIMA 202, glass-fiber-blanket insulation; **0.5-lb/cu. ft. (8-kg/cu. m)** density; **2-inch- (51-mm-)** wide, continuous, vapor-tight edge tabs; with a flame-spread index of 25 or less.
 1. Vapor-Retarder Facing: ASTM C 1136, with permeance not greater than **0.02 perm (1.15 ng/Pa x s x sq. m)** when tested according to ASTM E 96/E 96M, Desiccant Method.
 - a. Composition: White metallized-polypropylene film facing, fiberglass scrim reinforcement, and kraft-paper backing.
- B. Retainer Strips: **0.025-inch (0.64-mm)** nominal-thickness, formed, metallic-coated steel finished to match insulation facing.
- C. Vapor-Retarder Tape: Pressure-sensitive tape of type recommended by vapor-retarder manufacturer for sealing joints and penetrations in vapor retarder.

DRAWINGS

Architectural Drawings

Drawing A1.03 "Roof Plan" – Re-Issued

- Item #1 Added locations of roof penetrations for unit and radiant heater combustion flues, plumbing vents-through-roof and roof-top mounted HVAC condenser units and pipe penetration enclosure.
- Item #2 Corrected all metal roof slopes to read "1:12".

Drawing A4.11 "Wall Sections" – Re-Issued

- Item #1 Revised wall sections to indicate intended configuration of metal building system roof and wall insulation materials.

09.28.2012	ADD - 002
09.20.2012	ADD - 001
08.10.2012	BIDDING - BP 001
05.03.2012	SITE PLAN REVIEW

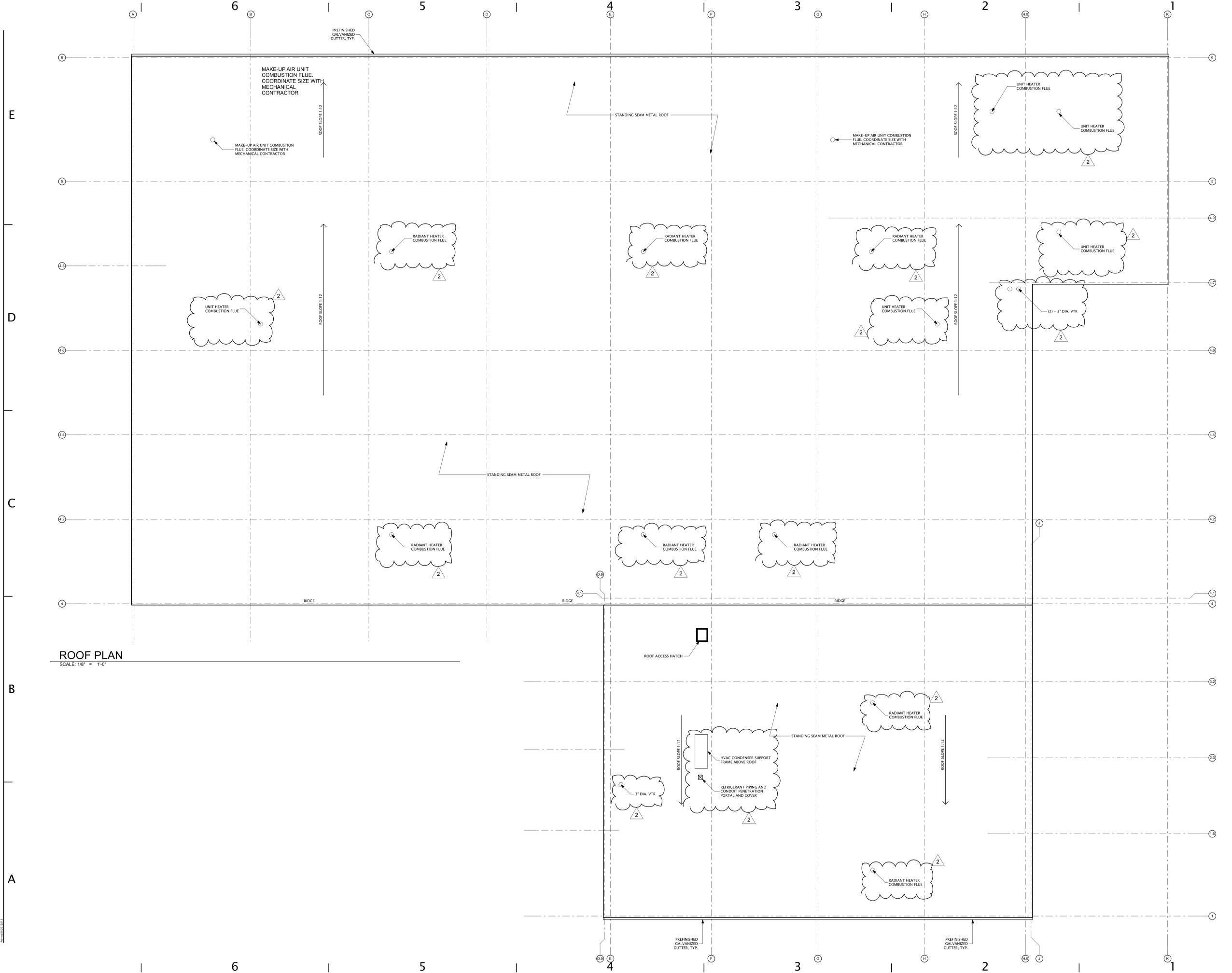
BID PACKAGE:
 PRE-ENGINEERED METAL BUILDING SYSTEM

CHECKED CV
 APPROVED AB

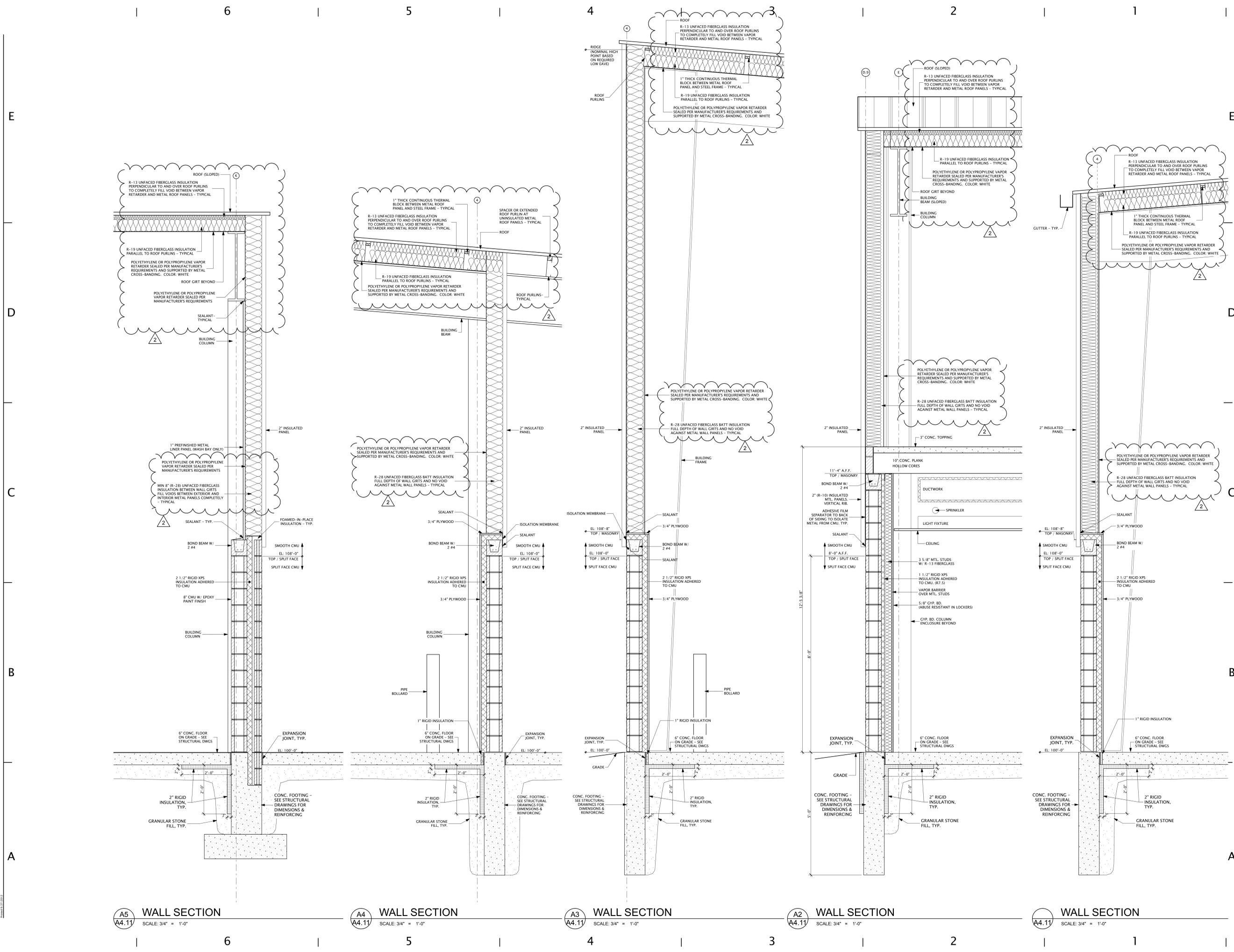
TCI JOB NO. 106049

SHEET TITLE
Roof Plan

SHEET NO.
A1.03



ROOF PLAN
 SCALE: 1/8" = 1'-0"



A4.11 WALL SECTION
 SCALE: 3/4" = 1'-0"

REVISED 07/2012