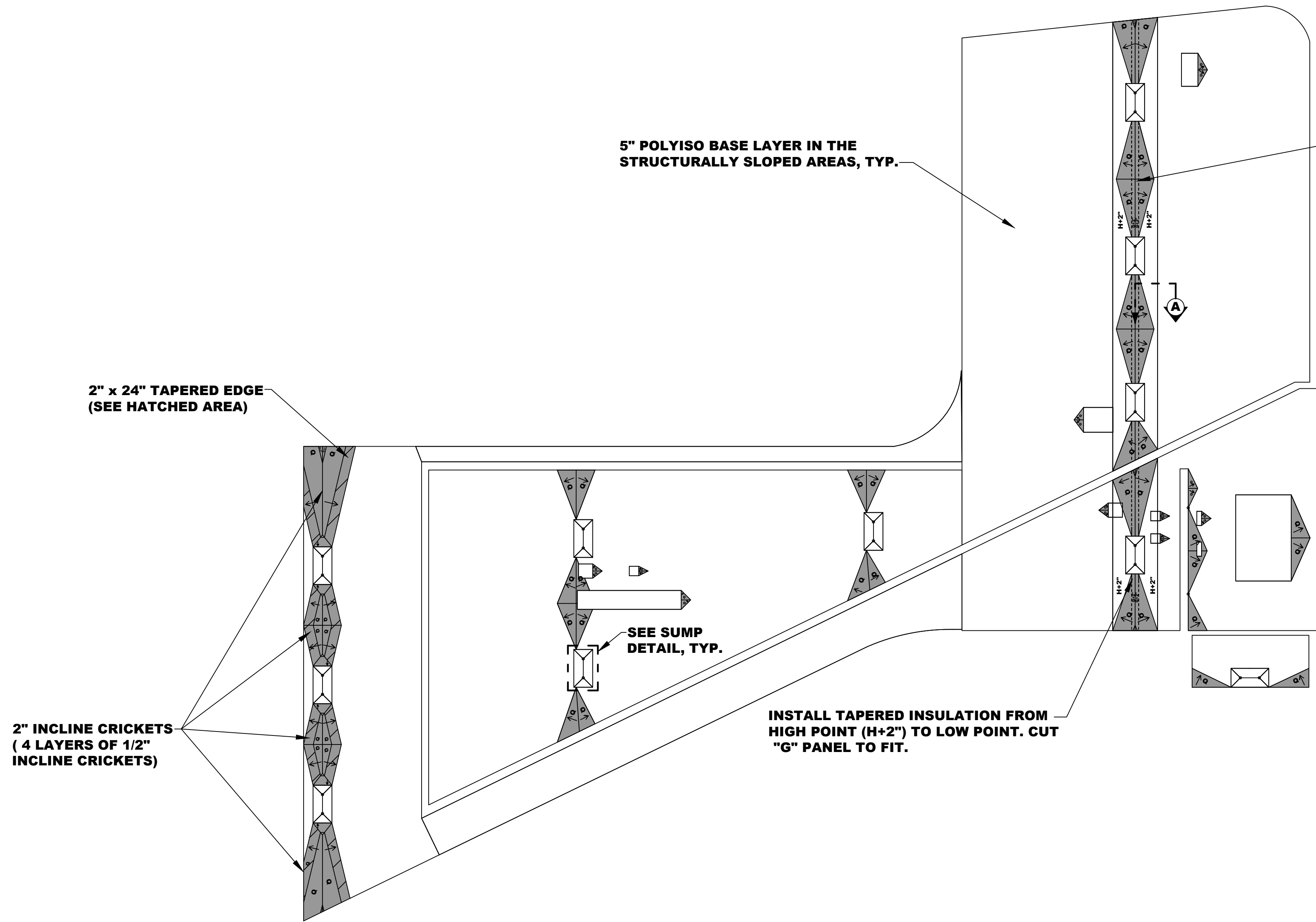




2" INCLINE CRICKETS
(4 LAYERS OF 1/2"
INCLINE CRICKETS)

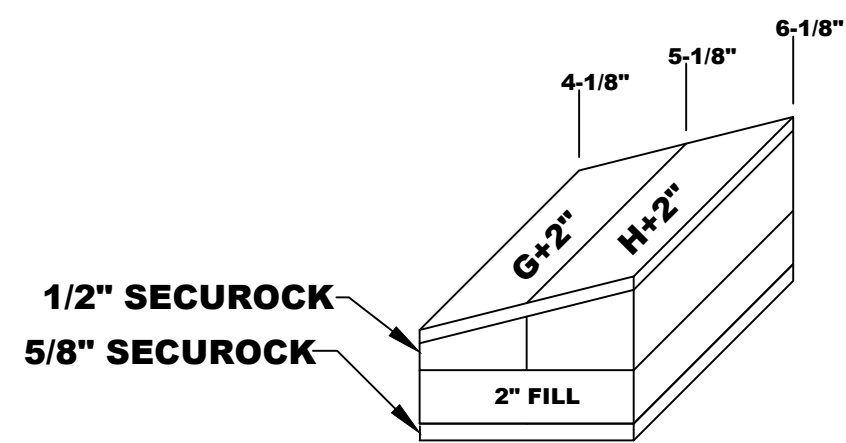
2" x 24" TAPERED EDGE
(SEE HATCHED AREA)

5" POLYISO BASE LAYER IN THE
STRUCTURALLY SLOPED AREAS, TYP.

INSTALL TAPERED INSULATION FROM
HIGH POINT (H+2") TO LOW POINT. CUT
"G" PANEL TO FIT.

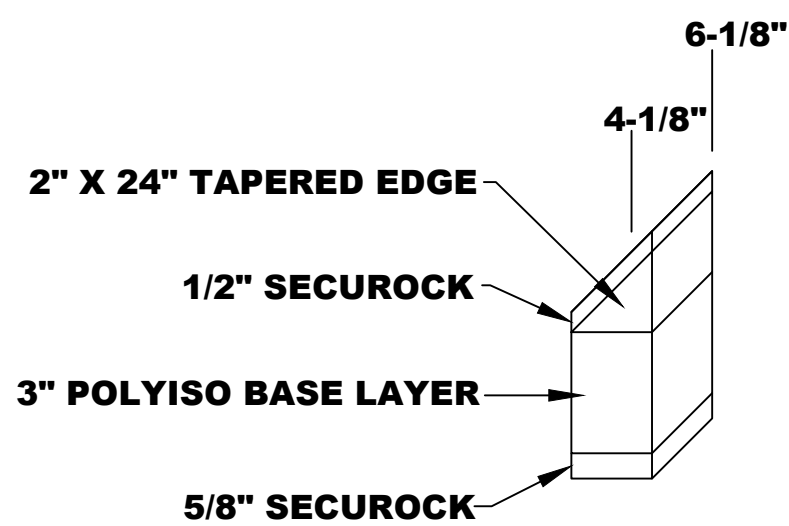
SEE SUMP
DETAIL, TYP.

INSTALL TAPERED INSULATION FROM
HIGH POINT (H+2") TO LOW POINT. CUT
"G" PANEL TO FIT.



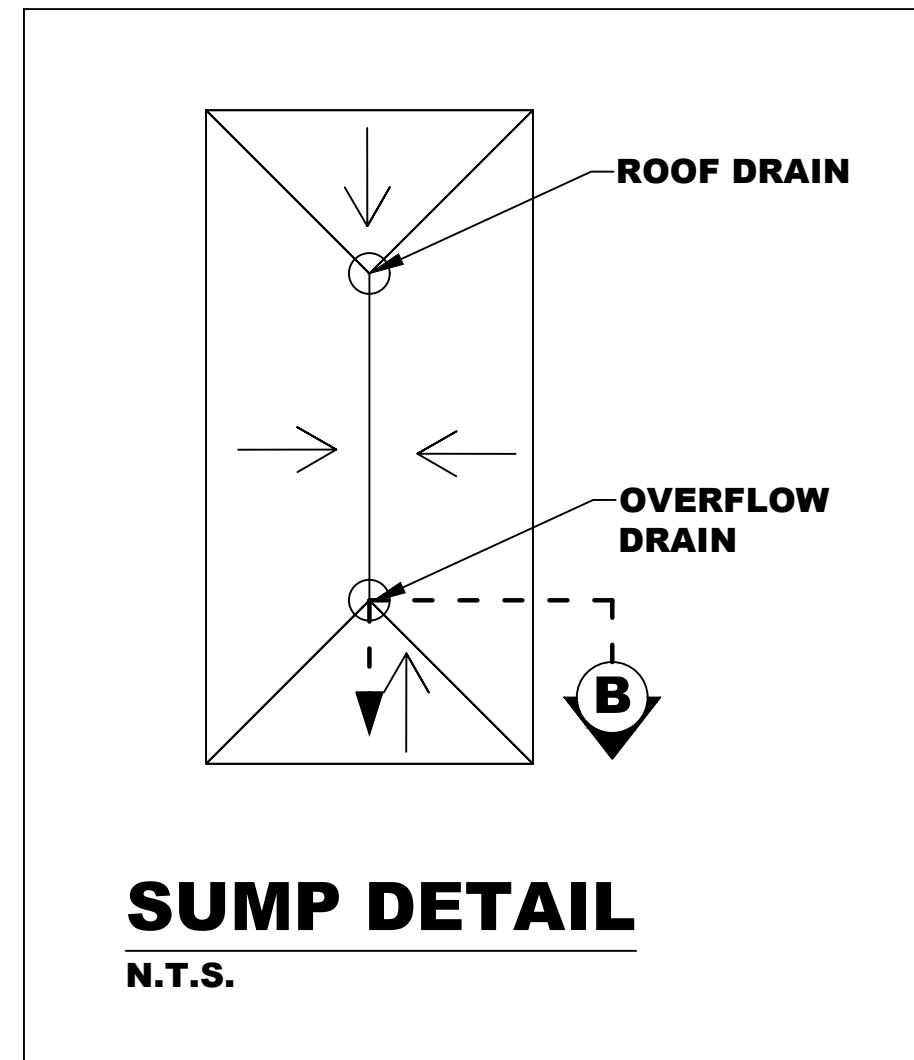
SECTION @ 1/4" INCLINE POLYISO
NTS.

A



SECTION @ 1/4" INCLINE POLYISO
NTS.

B



SUMP DETAIL
N.T.S.

INSTALLATION / QUANTITY DISCLAIMER:
Tapered layout and panel quantities quoted (tapered and fill) are based upon installation starting at the low point working toward the high point. Alternate installation methods may result in additional material quantities and costs at the responsibility of the contractor.
Consult a Gulfeagle Representative prior to any alternate installation methods to ensure correct installation and eliminate the potential of increased costs.

Notes: **TAPERED INSULATION THICKNESS
AT LOW POINTS TO BE 3" MINIMUM**

TAPERED - 1/4" INCLINE

CRICKETS - 2" & 1/2" INCLINE

BASE LAYER - 3" & 5" POLYISO

OVERLAY - 1/2" SECURSHIELD

THERMAL - 5/8" SECUROCK

**SECTION TAPERED PANELS: (2.0 X 4.0) W F B
2" x 24" TAPERED EDGE 88 Pcs**

SECTION TAPERED PANELS: (4.0 X 4.0) POLYISO
G 1.000 - 2.000 48 Pcs
H 2.000 - 3.000 65 Pcs

**SECTION FILL PANELS: (4.0 X 8.0) POLYISO
2.000 34 Pcs**

**CRICKET TAPERED PANELS: (4.0 X 4.0) POLYISO
Q 0.500 - 2.500 278 Pcs**

**CRICKET TAPERED PANELS: (2.0 X 4.0) W F B
2" X 24" TAPERED EDGE 38 Pcs**

**CRICKET FILL PANELS: (4.0 X 8.0) POLYISO
2.000 1 Pcs**

BASE LAYER: (4.0 X 8.0) POLYISO
3.000 11 Pcs
5.000 557 Pcs

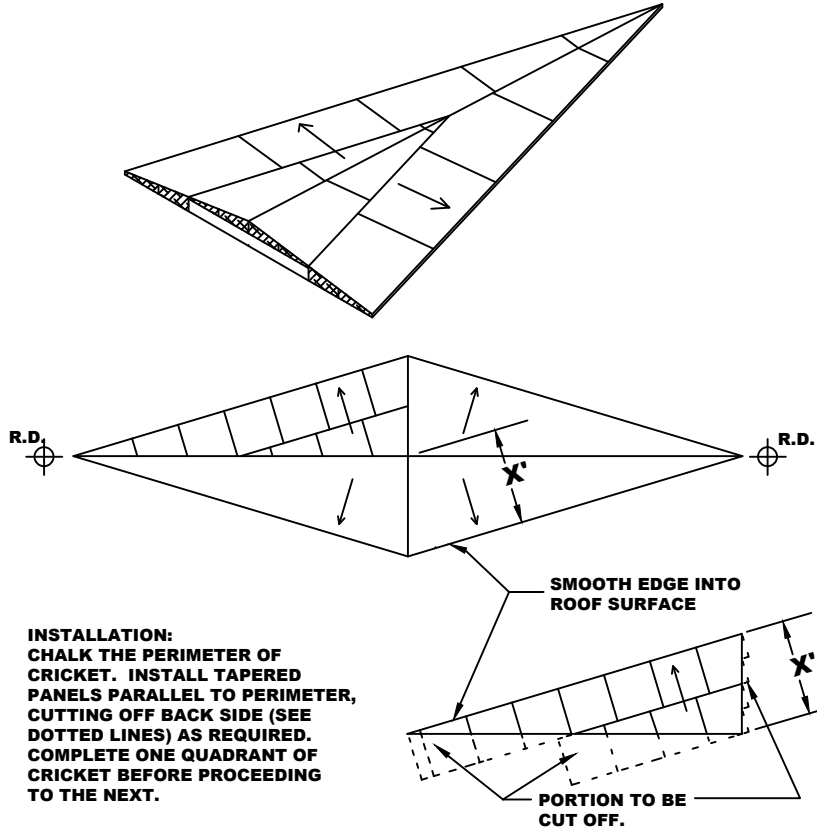
**OVERLAY LAYER: (4.0 X 8.0) 1/2" SECUROCK
0.500 568 Pcs**

**THERMAL LAYER: (4.0 X 8.0) SECUROCK
0.625 568 Pcs**

FOR REFERENCE ONLY

CRICKET INSTALLATION

4' x 4' PANELS



INSTALLATION:
CHALK THE PERIMETER OF
CRICKET. INSTALL TAPERED
PANELS PARALLEL TO PERIMETER,
CUTTING OFF RACK SIDE (SEE
DOTTED LINES) AS REQUIRED.
COMPLETE ONE QUADRANT OF
CRICKET BEFORE PROCEEDING
TO THE NEXT.

SMOOTH EDGE INTO
ROOF SURFACE
PORTION TO BE
CUT OFF.

**PROJECT: WEBSTER UNIVERSITY
INTERDISCIPLINARY
SCIENCE BUILDING
ST LOUIS, MO**

ARCHITECT: CANNON DESIGN

Material: TAPERED POLYISO

Roofer: KIRBERG ROOFING

Scale: 1/16" = 1' - 0" **Drawn: D BETTORF**

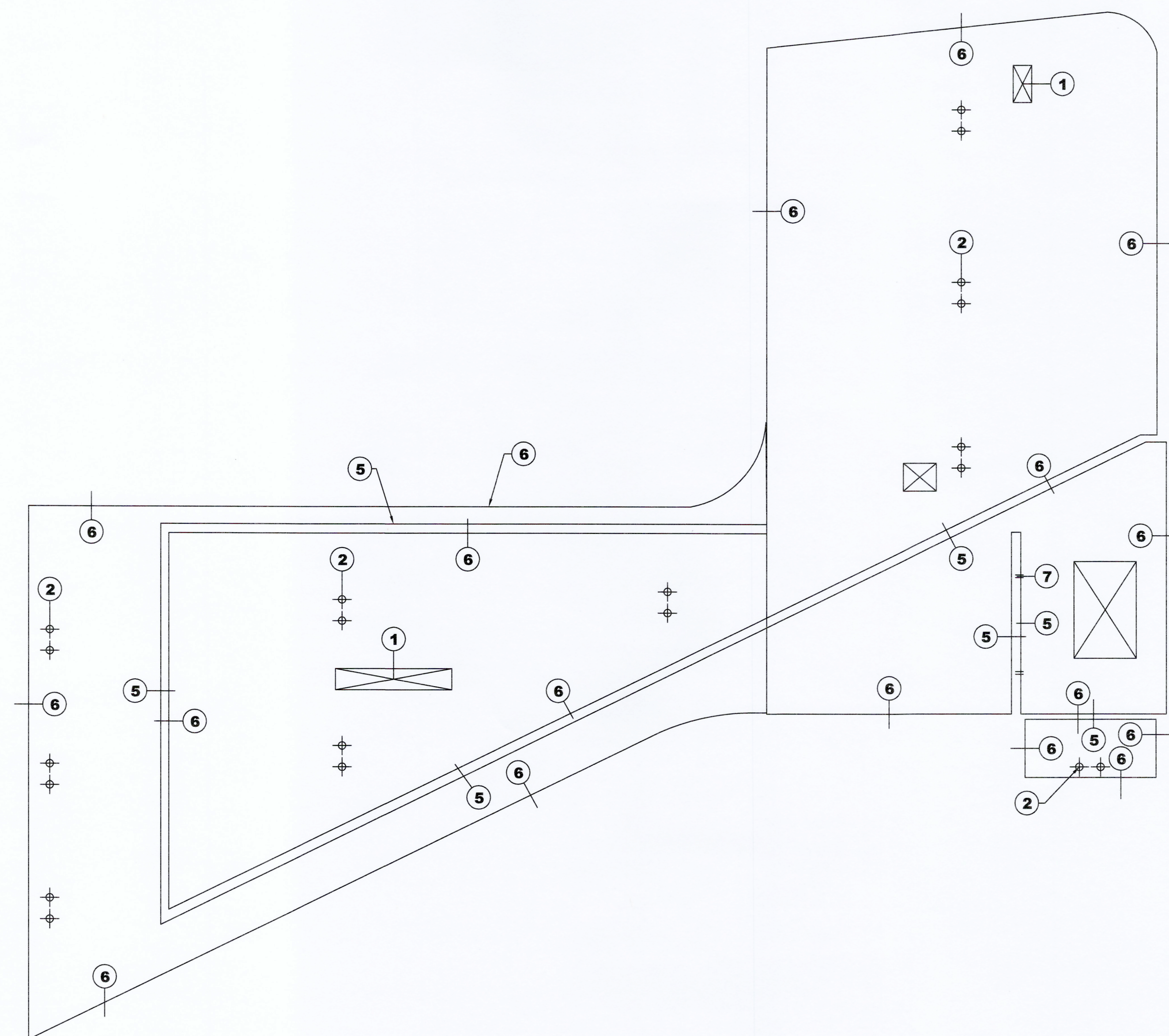
Slope: 1/4" INCLINE **Revised: 9/27/2016**

Date: 9/1/2016 **File: 151376**



GULFEAGLE SUPPLY
8417 Chapin Ind. Dr., St Louis, MO 63114
Phone: 314-993-9610 / 800-325-9610
Fax: 314-993-4836

WEBSTER UNIVERSITY INTERDISCIPLINARY SCIENCE BUILDING



DETAIL LABEL

- 1 - E - FC - 01**
- 2 - E - DV - 09**
- 3 - E - FP - 01**
- 4 - E - FP - 02**
- 5 - E - FW - I2**
- 6 - E - FW - M1**
- 7 - E - DV - 03**

APPROX SCALE
 $\frac{1}{16"} = 1' - 0"$

**WEBSTER UNIVERSITY
 SCIENCE BUILDING
 WEBSTER GROVES, MO**

FILE # 151376

DATE: 8/31/16

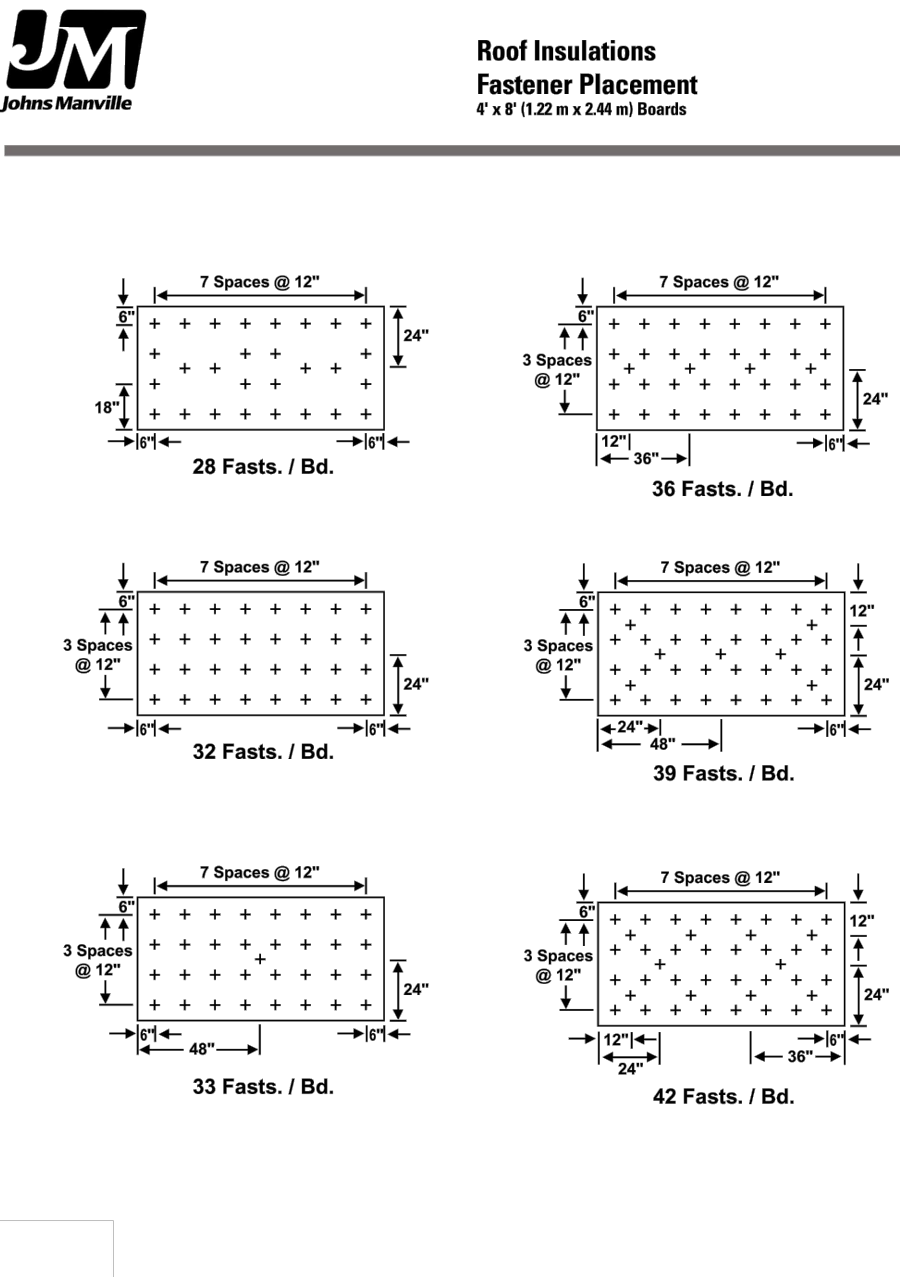
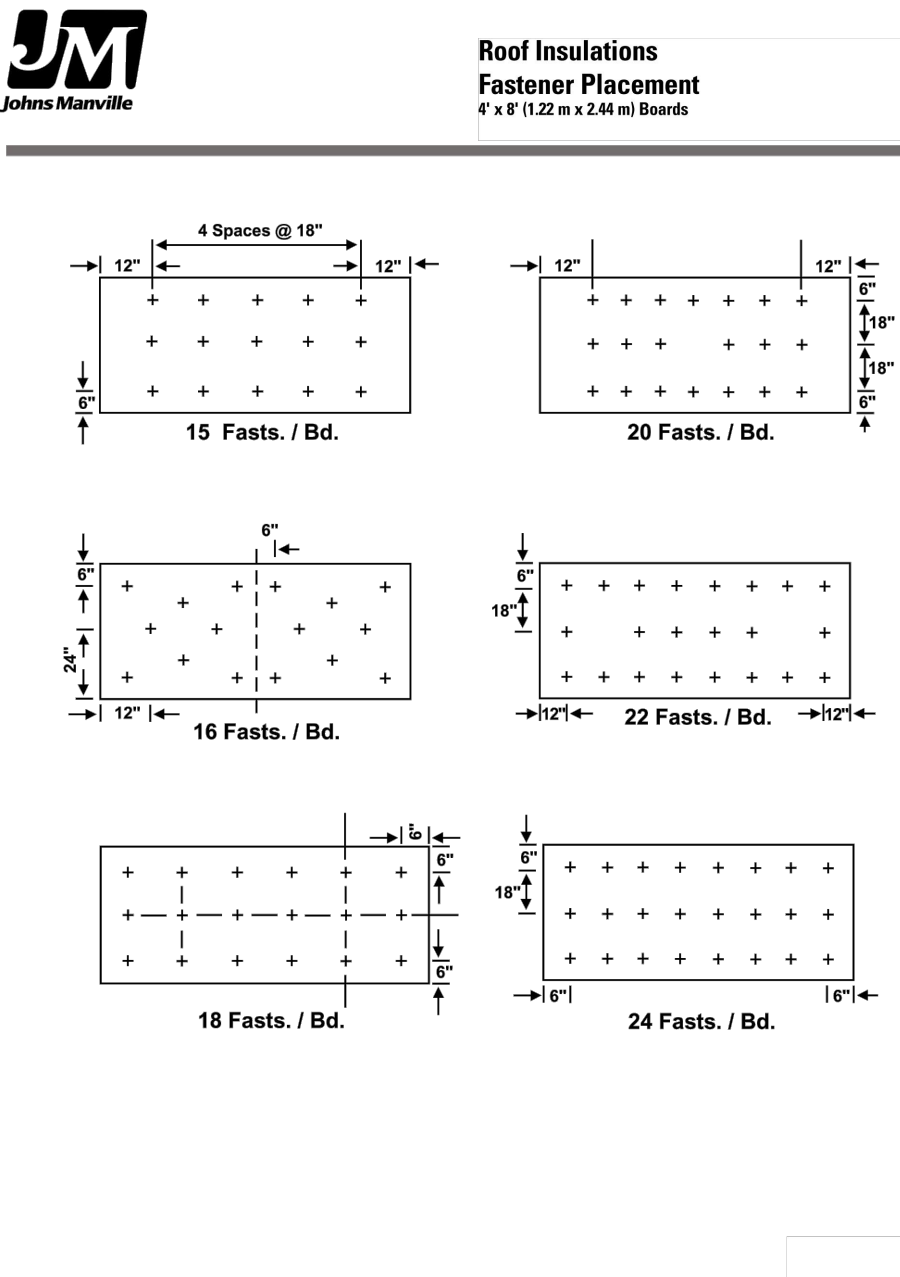
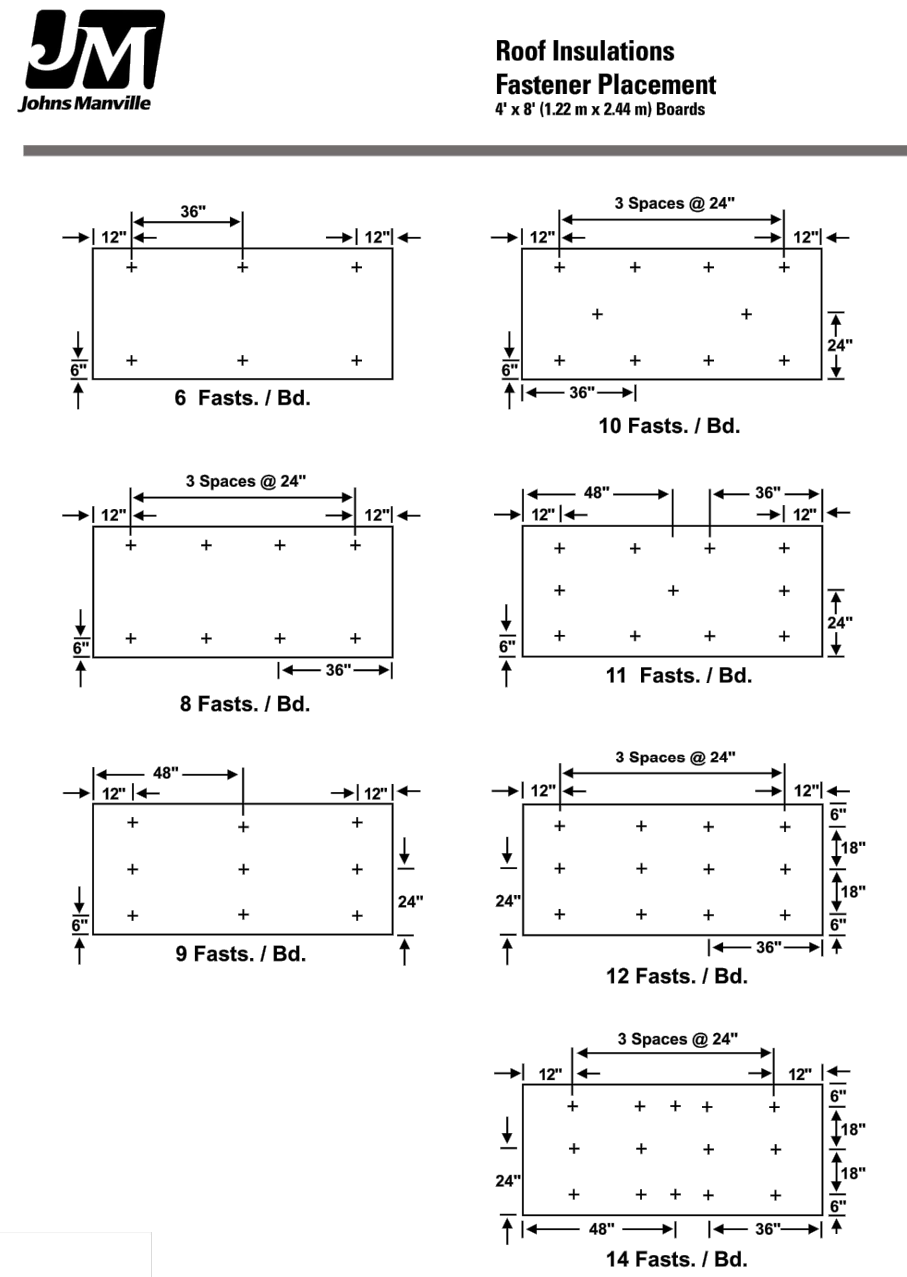
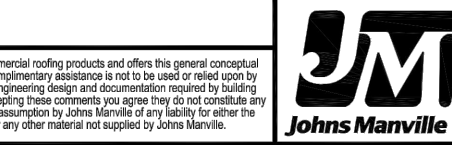
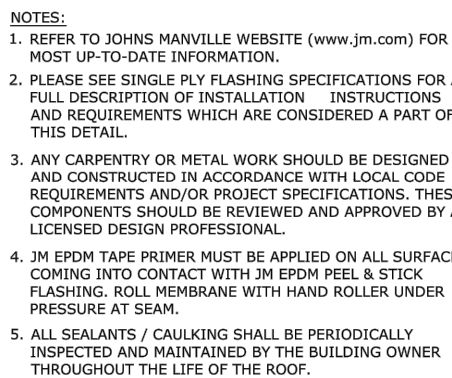
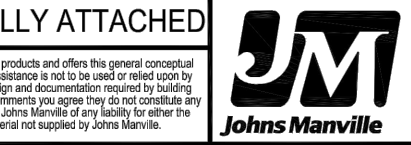
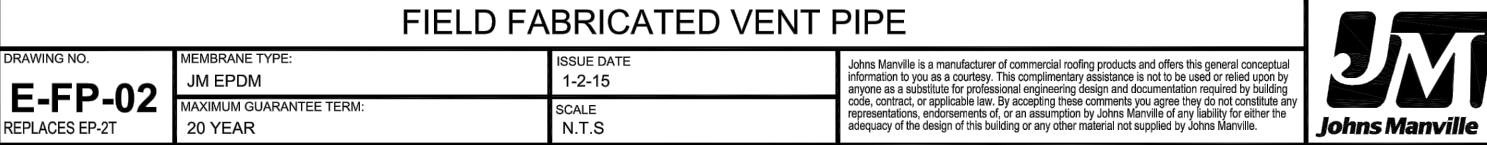
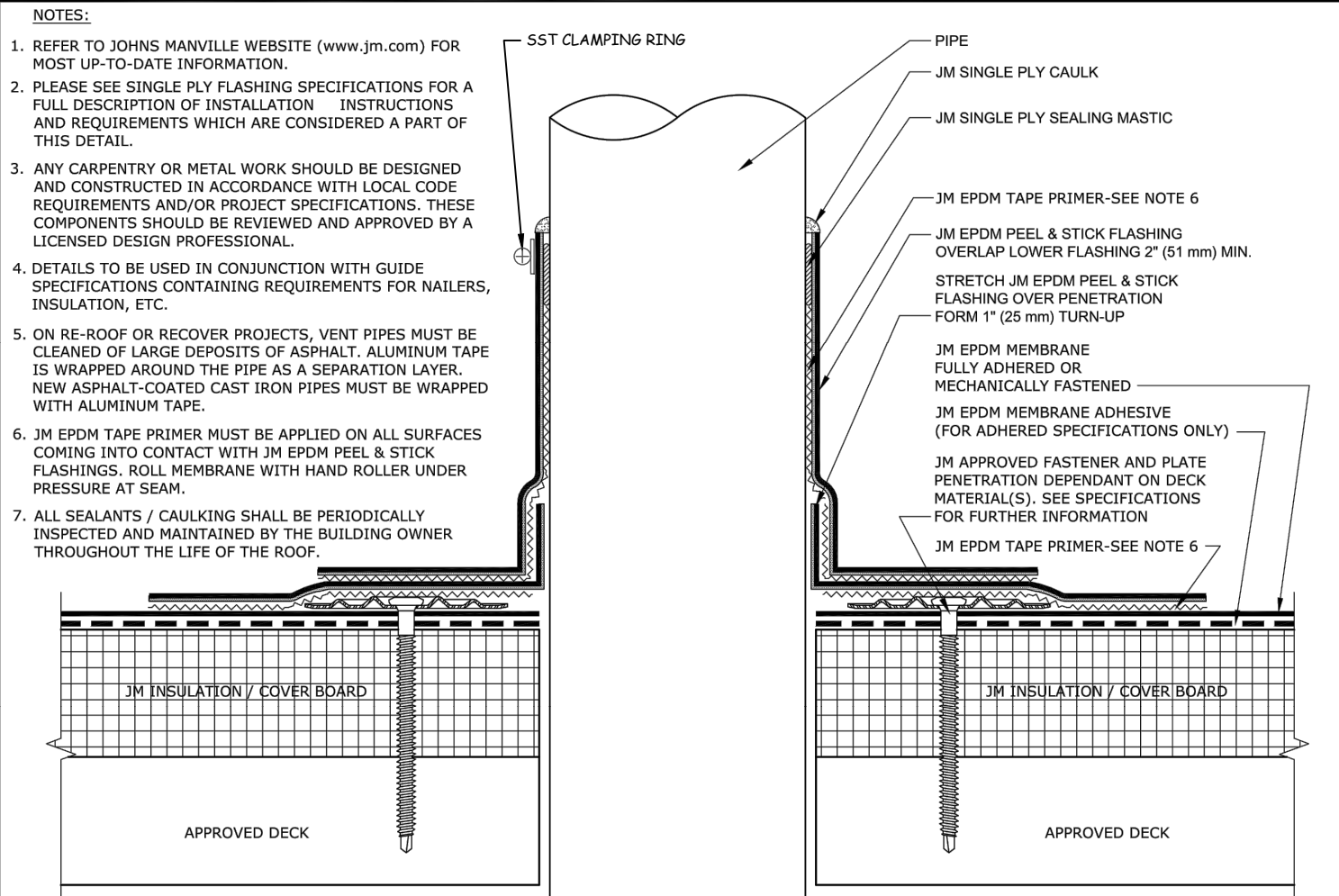
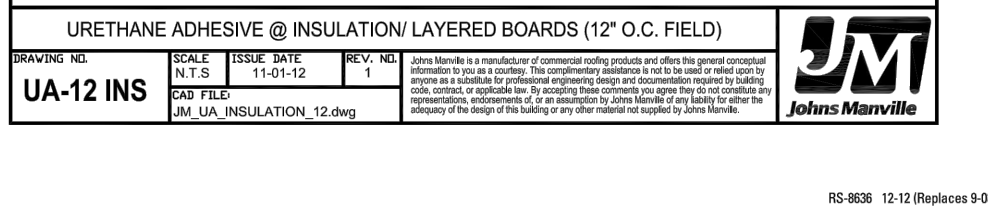
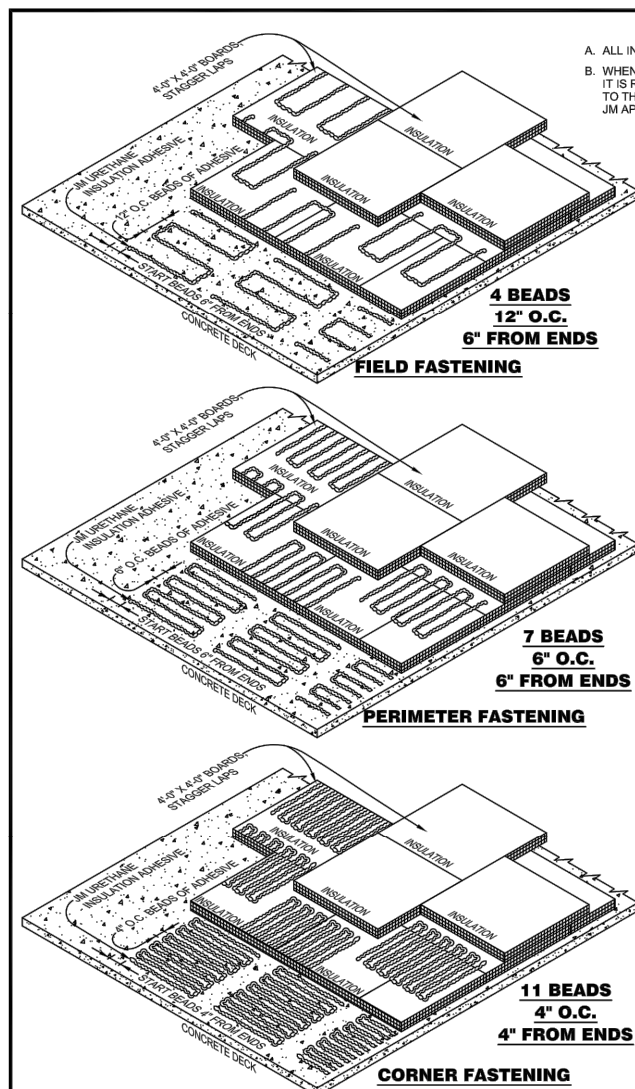
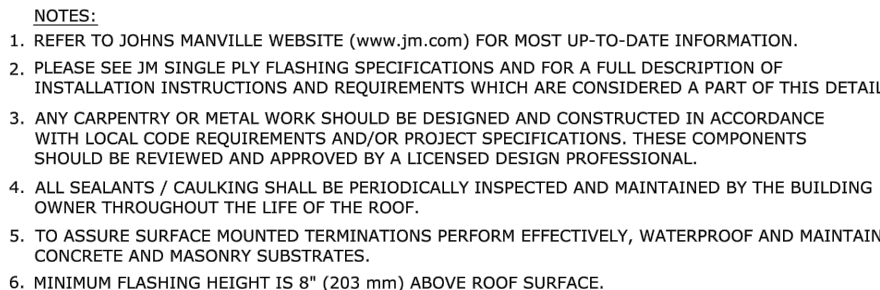
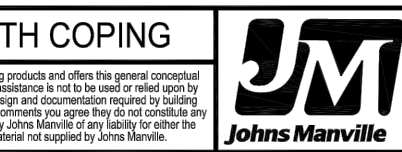
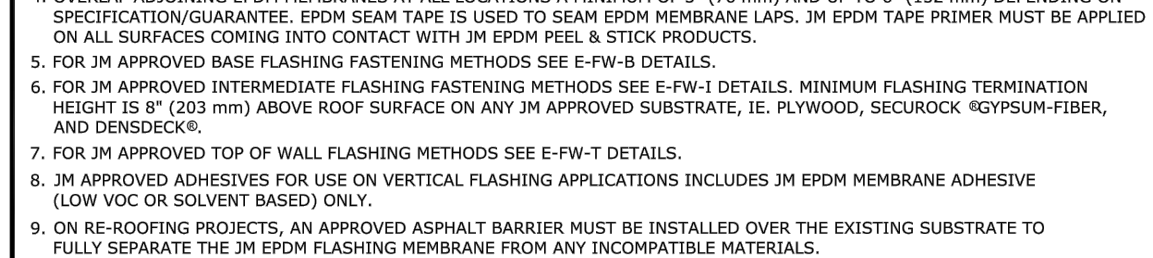
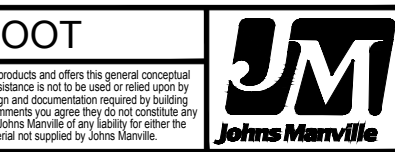
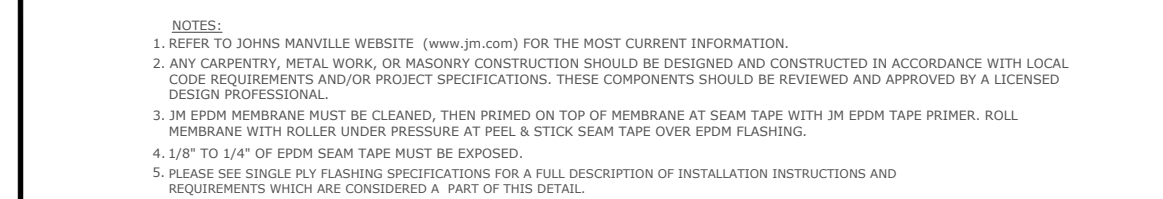
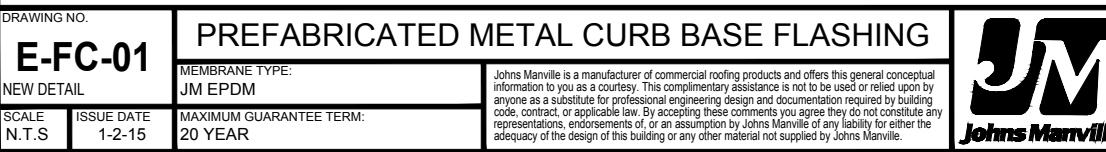
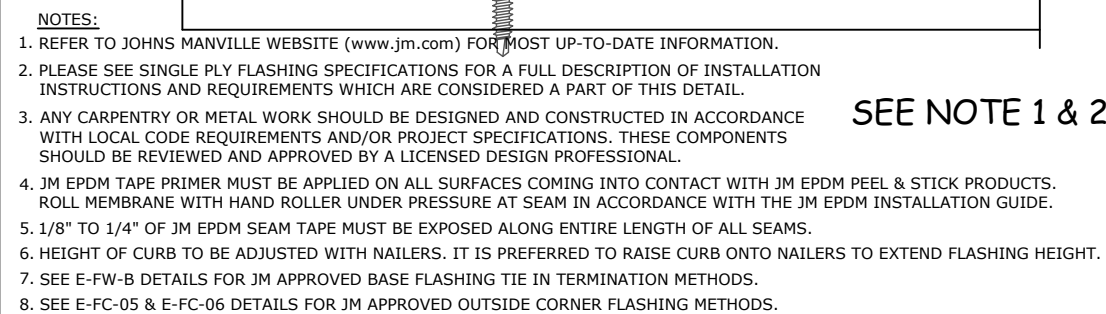
Gulfeagle Supply, Inc.



Lucas Sales Company

8417 Chapin Ind. Dr. St. Louis, MO 63114

Phone: 314.993.9610 | 800.325.9610 | Fax: 314.993.4836



MANVILLE STANDARD DETAILS

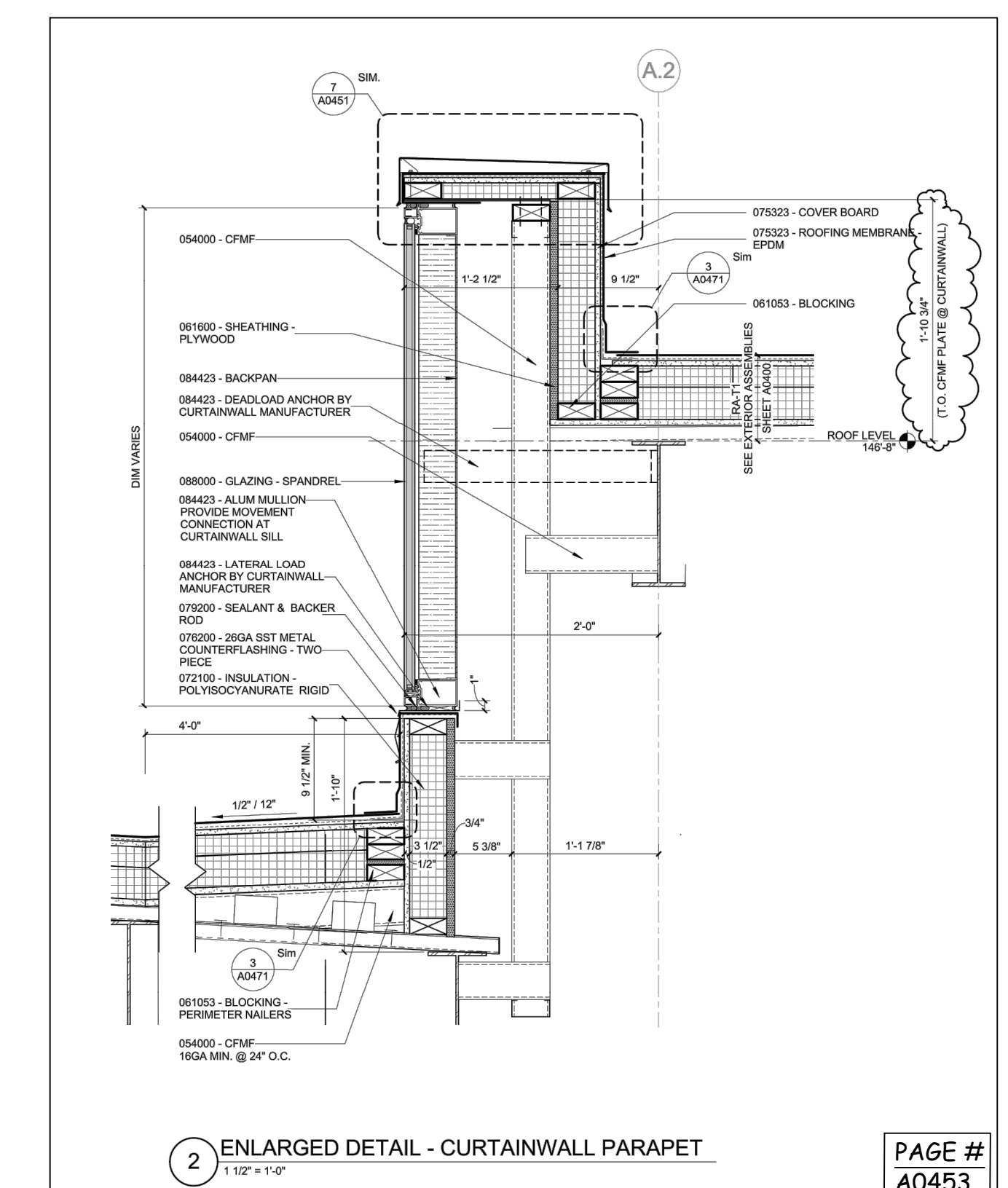
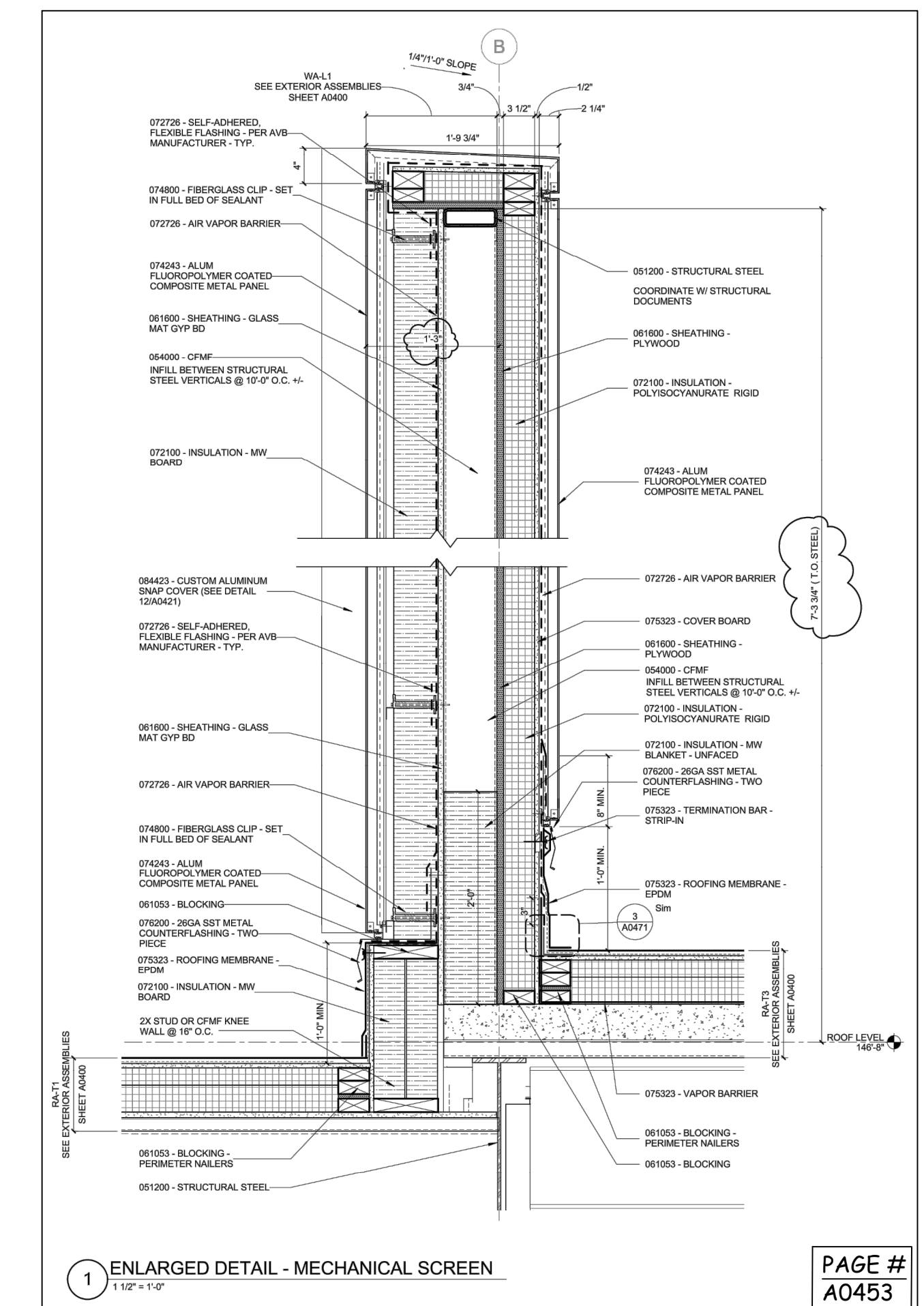
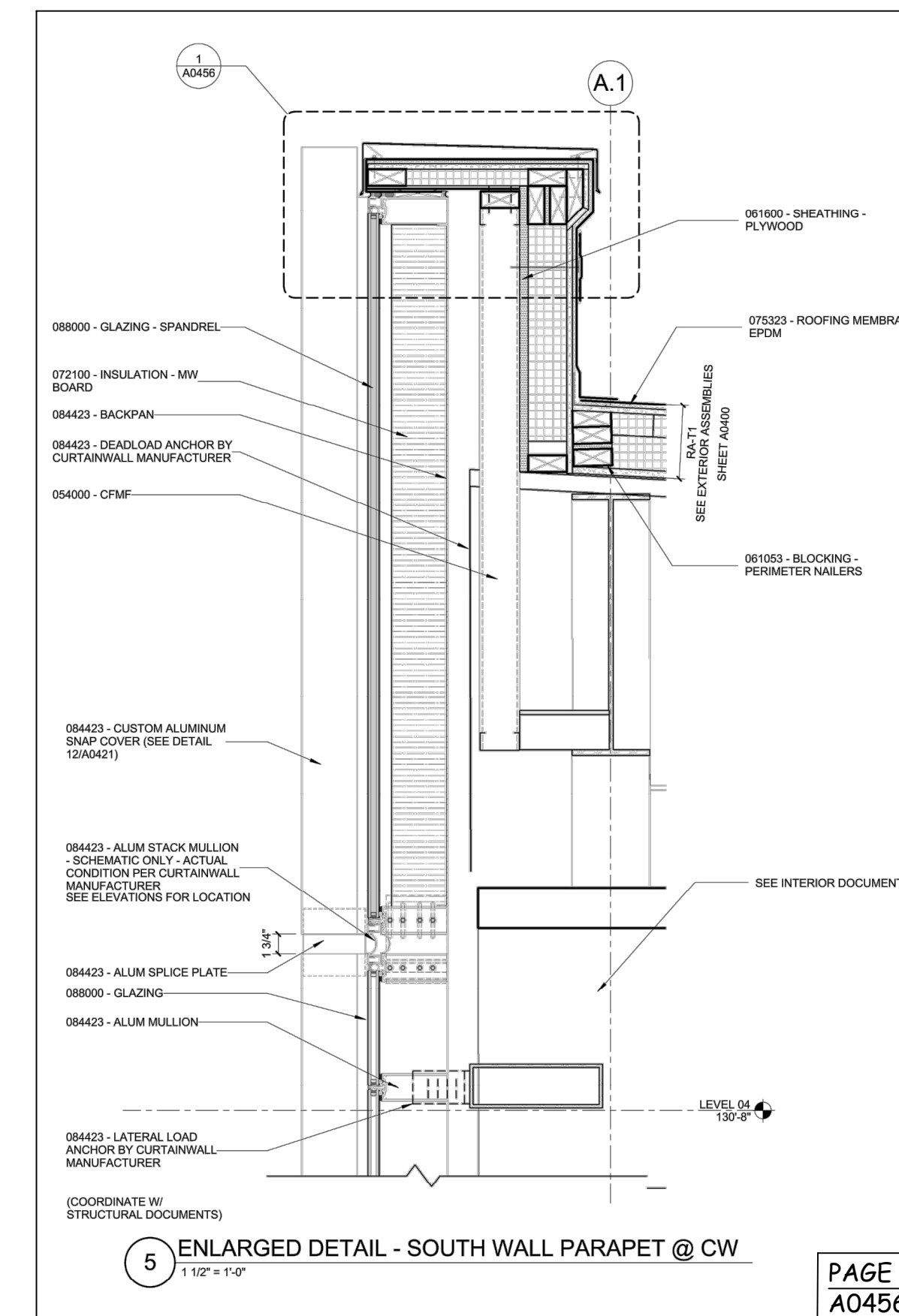
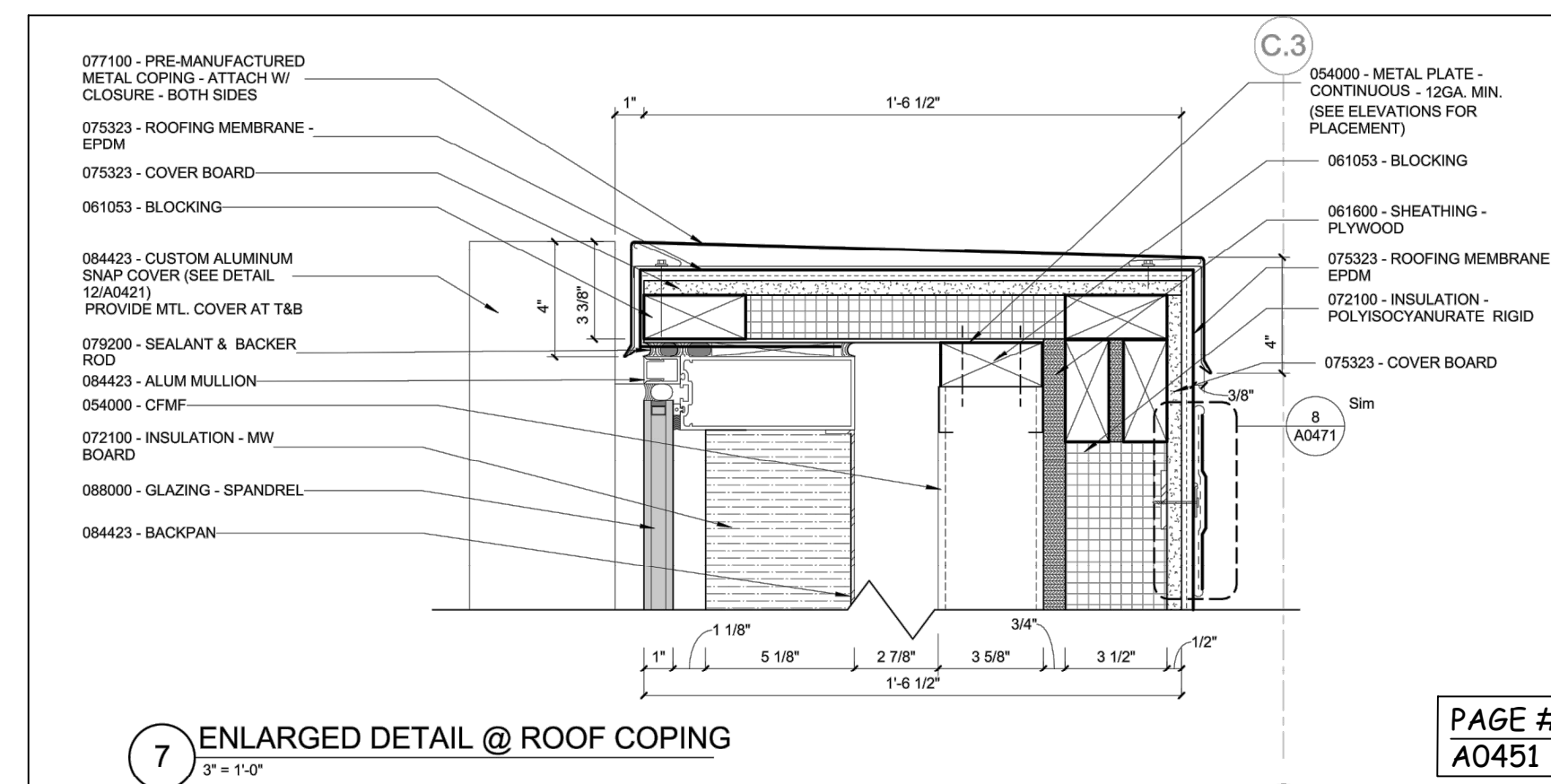
WEBSTER UNIVERSITY
SCIENCE BUILDING
WEBSTER GROVES, MO

FILE # 151376

DATE: 8/31/16

Gulfeagle Supply, Inc.
Lucas Sales Company

8417 Chapin Ind. Dr, St. Louis, MO 63114
Phone: 314.993.9610 | 800.325.9610 | Fax: 314.993.4836



ARCHITECTURAL DETAILS

WEBSTER UNIVERSITY
SCIENCE BUILDING
WEBSTER GROVES, MO

FILE # 151376

DATE: 8/31/16

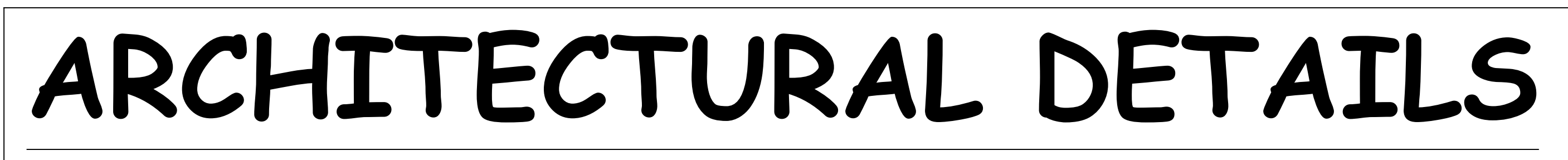
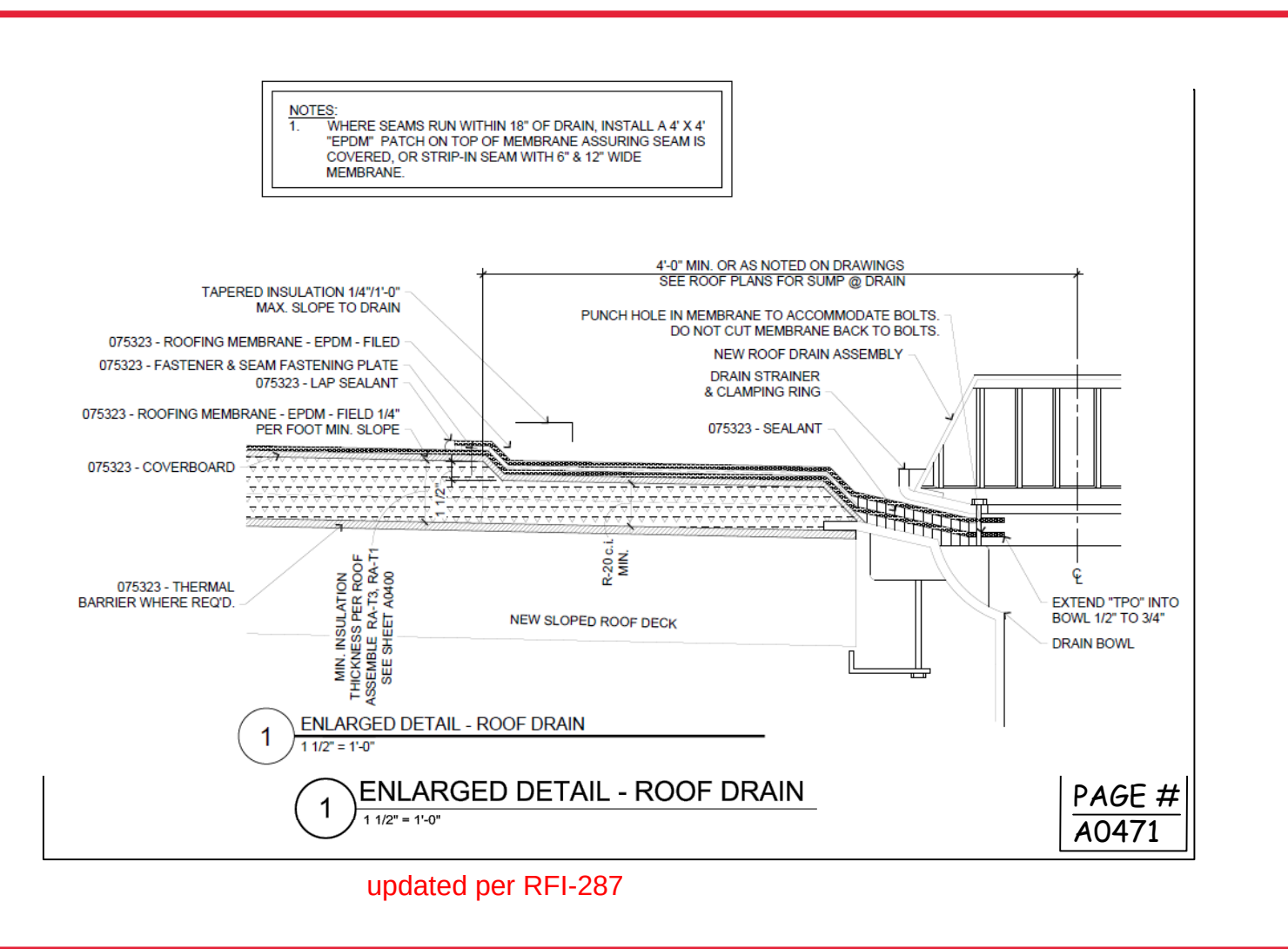
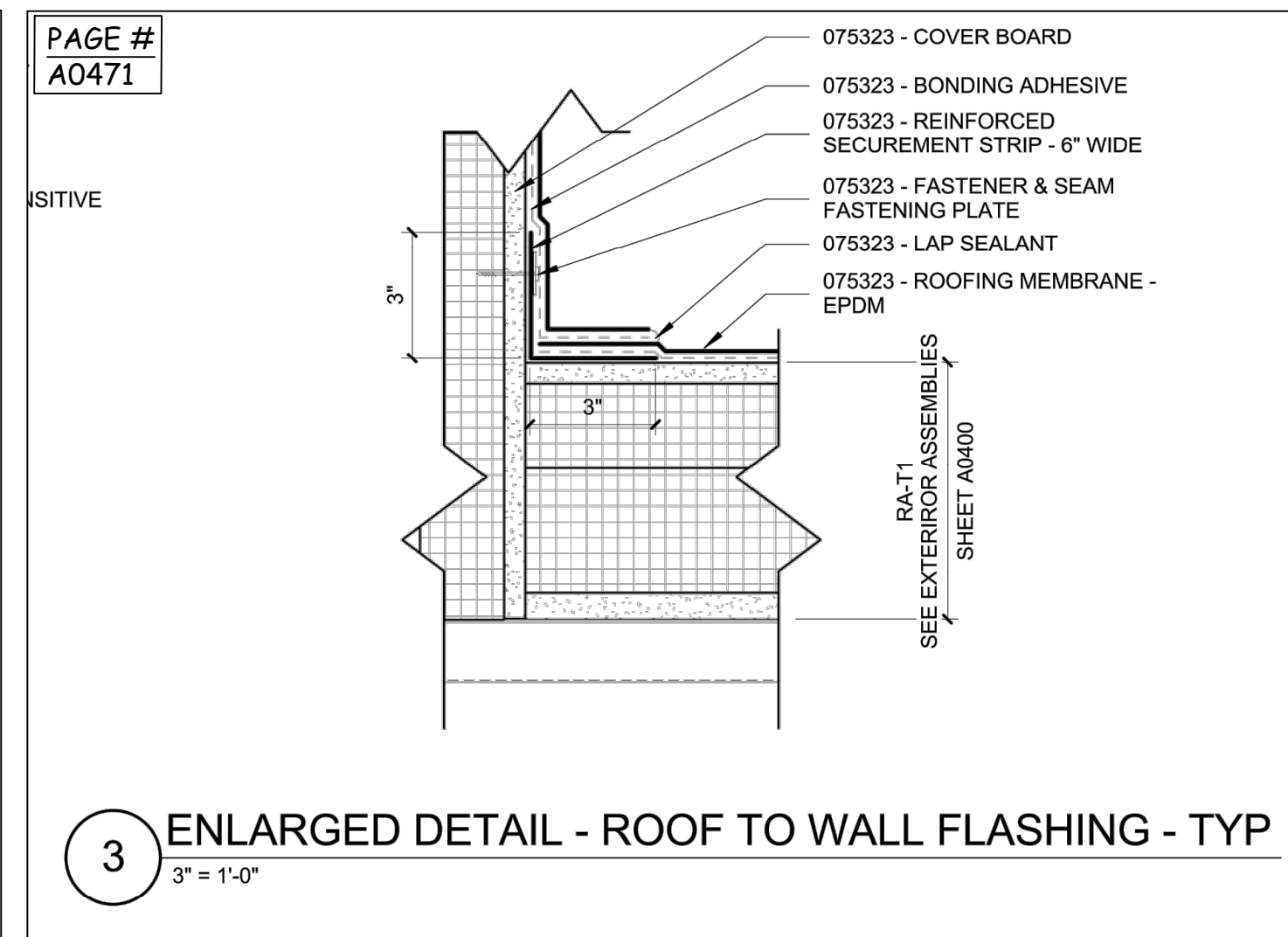
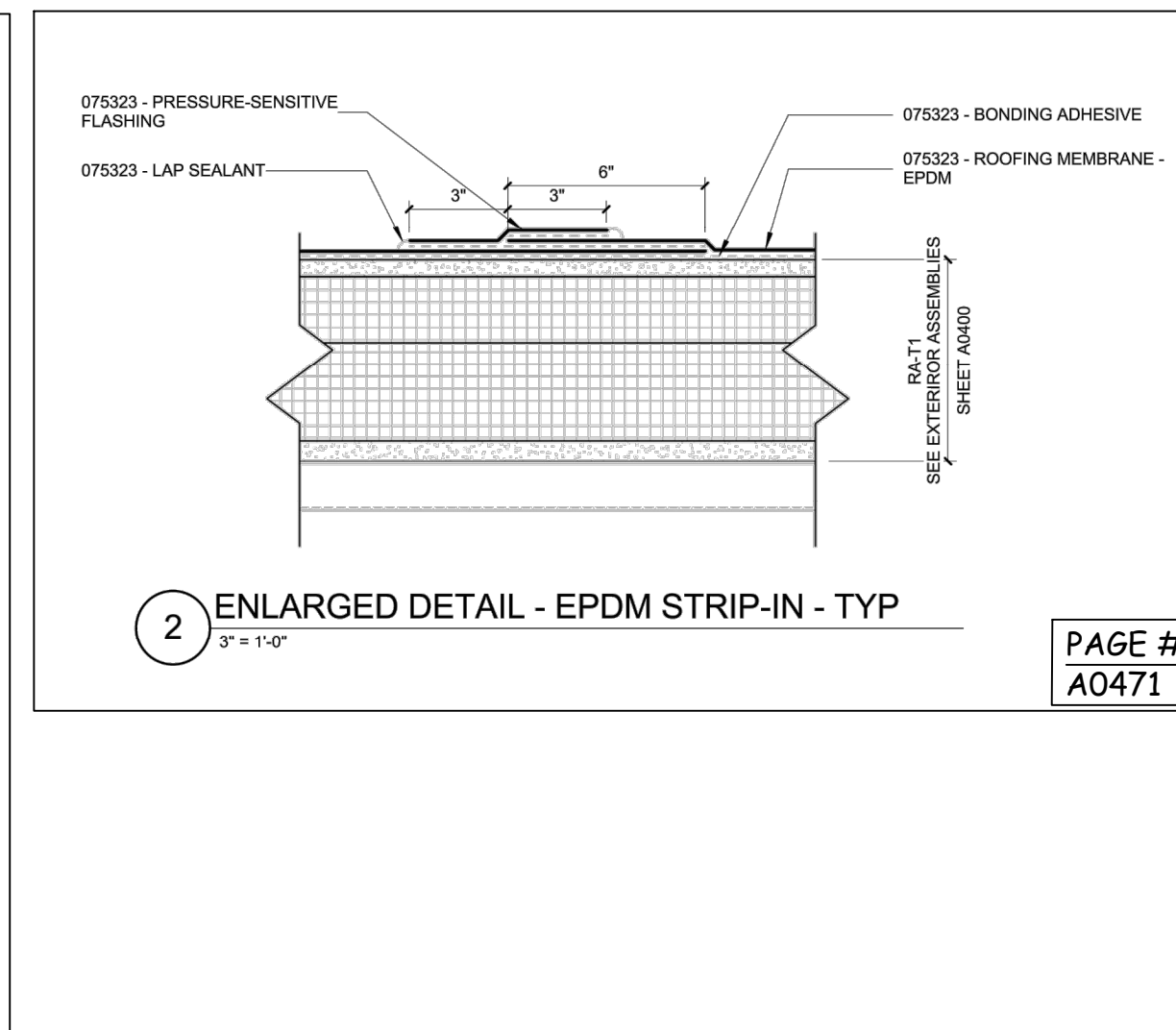
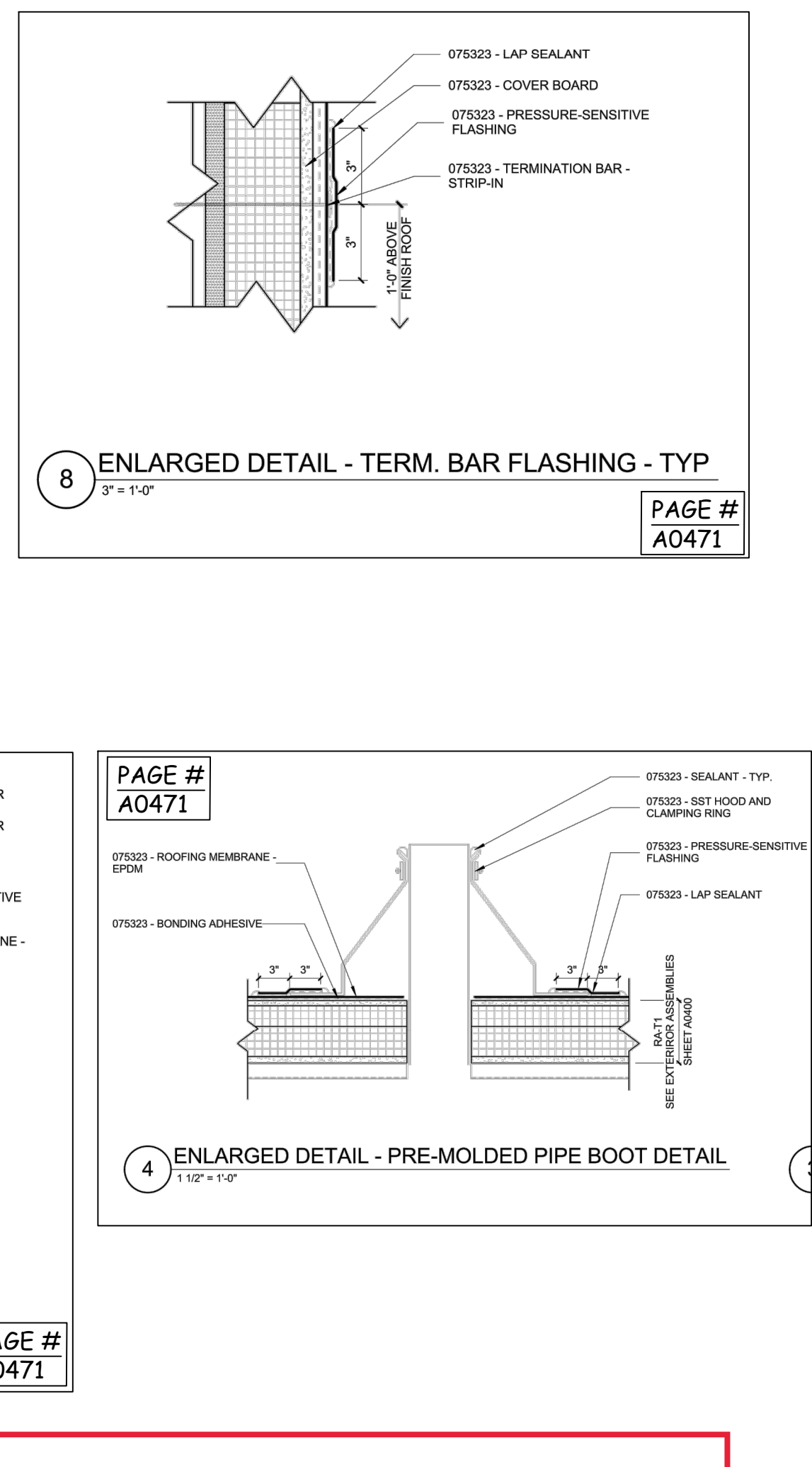
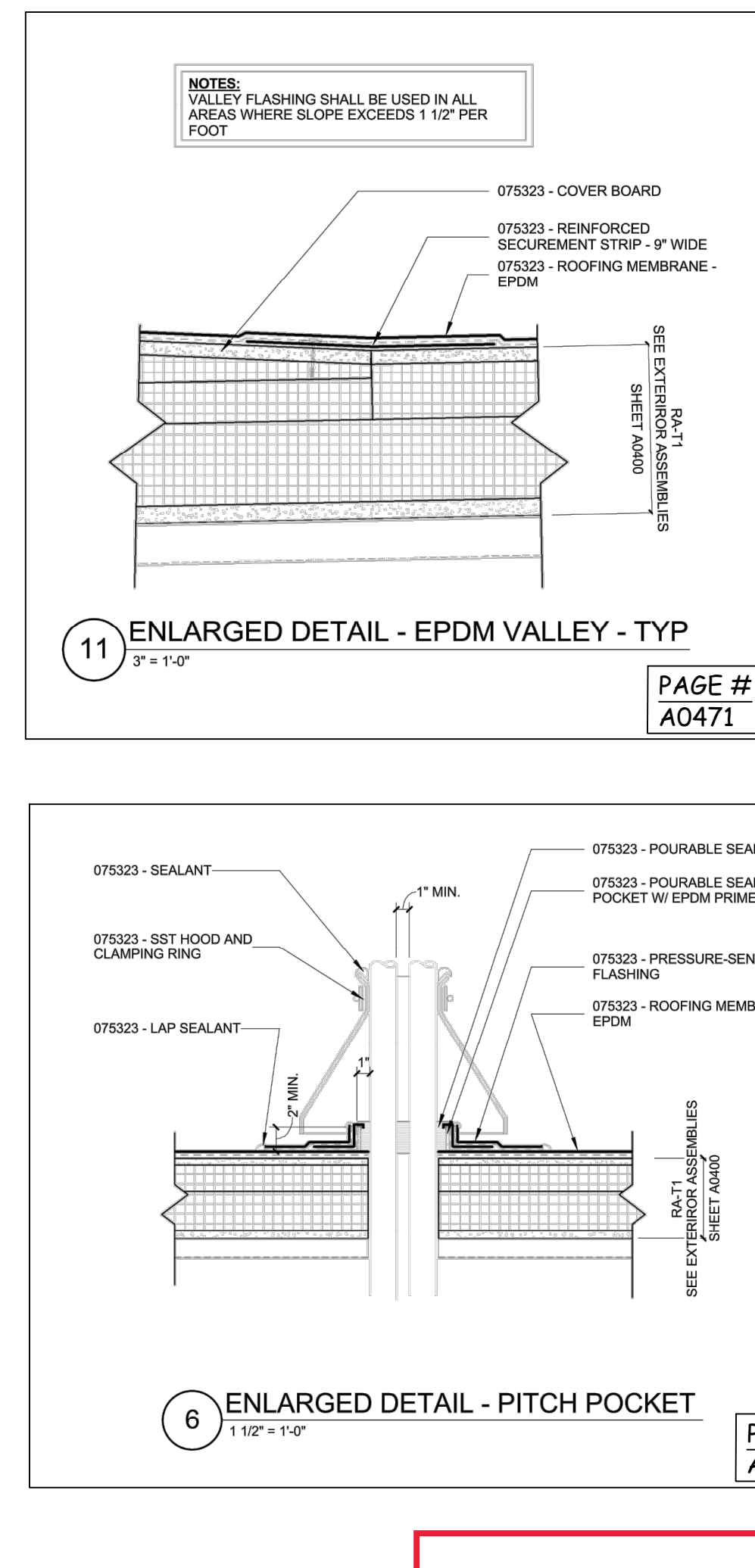
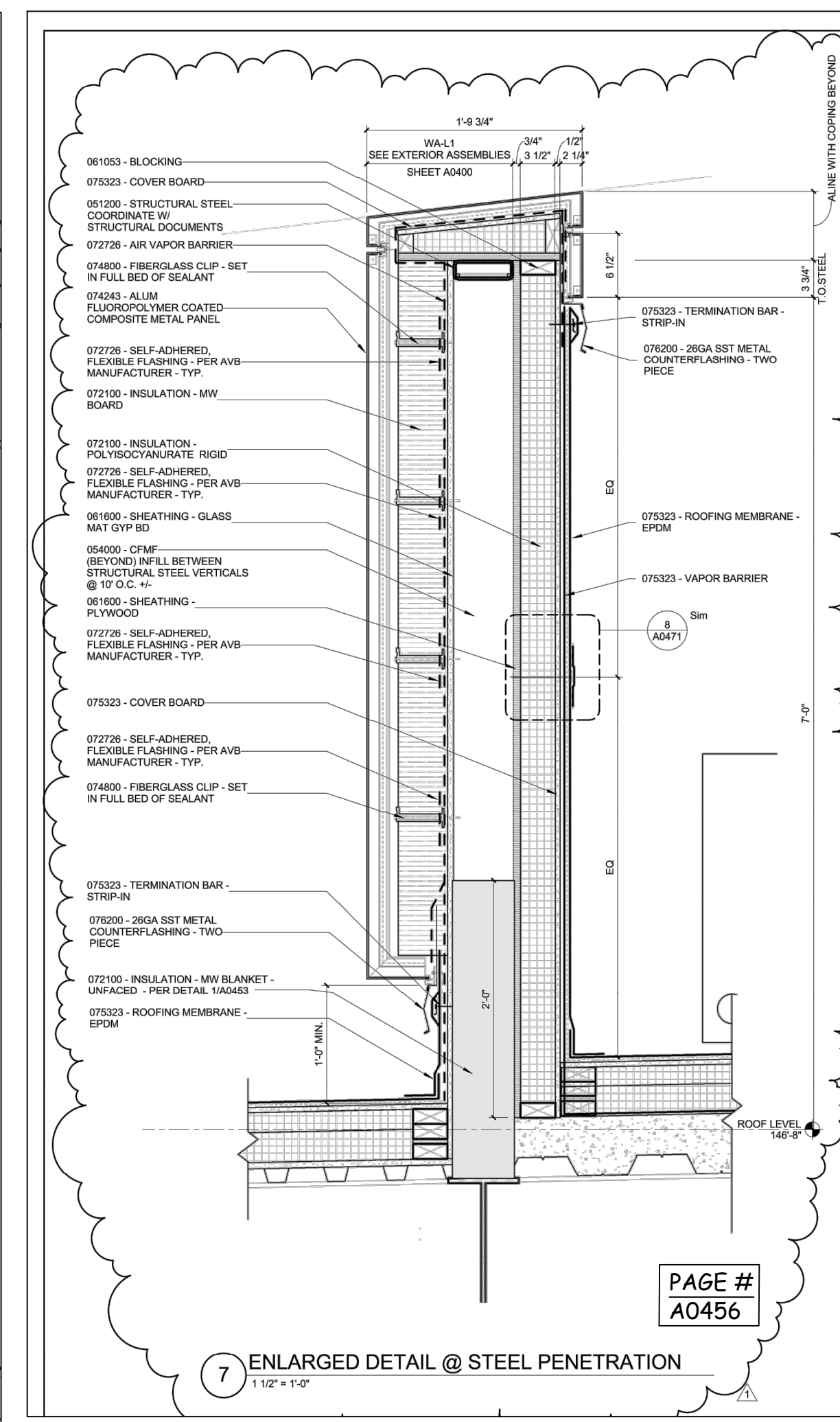


Gulfeagle Supply, Inc.

Lucas Sales Company

8417 Chapin Ind. Dr, St. Louis, MO 63114

Phone: 314.993.9610 | 800.325.9610 | Fax: 314.993.4836



FILE # 151376
DATE: 8/31/16

**GulfBreeze Supply, Inc.**

Lucas Sales Company
8417 Chapin Ind. Dr, St. Louis, MO 63114
Phone: 314.993.9610 | 800.325.9610 | Fax: 314.993.4836

DATE: October 4, 2016

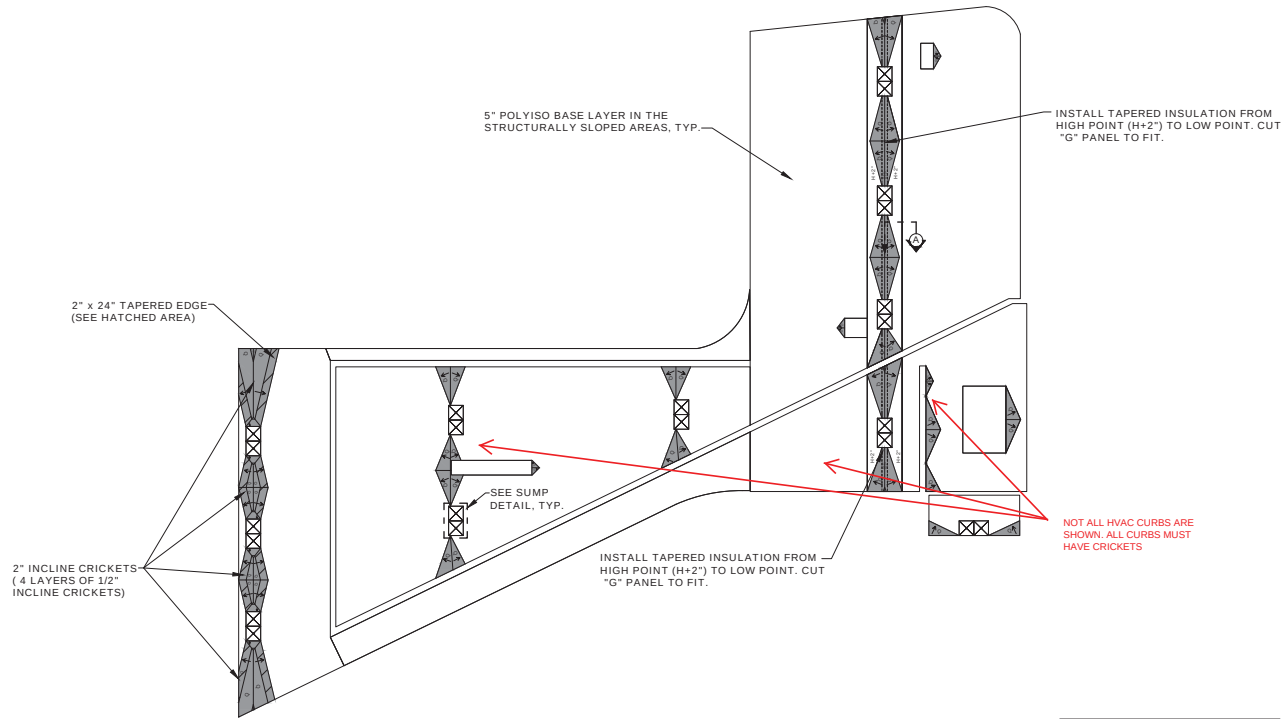
PROJECT: Interdisciplinary Science Building
8274 Big Bend Blvd.
Webster Groves, MO 63119

OWNER: Webster University
470 E. Lockwood Ave.
Webster Groves, MO 63119

ROOFING CONTRACTOR: Kirberg Company
1400 South Third Street
St. Louis, MO 63104

SPECIFICATION SECTION: ~~07 00 00~~ 07 53 23

SUBMITTAL ITEMS: Revised Roof Drawings



2" INCLINE CRICKETS
(4 LAYERS OF 1/2"
INCLINE CRICKETS)

2" x 24" TAPERED EDGE
(SEE HATCHED AREA)

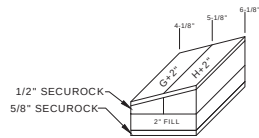
5" POLYISO BASE LAYER IN THE
STRUCTURALLY SLOPED AREAS, TYP.

INSTALL TAPERED INSULATION FROM
HIGH POINT (H+2") TO LOW POINT. CUT
"G" PANEL TO FIT.

SEE SUMP
DETAIL, TYP.

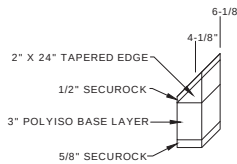
INSTALL TAPERED INSULATION FROM
HIGH POINT (H+2") TO LOW POINT. CUT
"G" PANEL TO FIT.

NOT ALL HVAC CURBS ARE
SHOWN. ALL CURBS MUST
HAVE CRICKETS



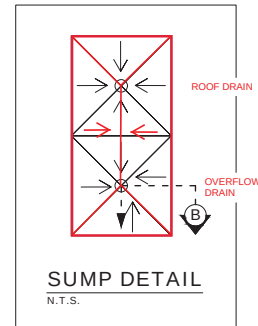
SECTION @ 1/4" INCLINE POLYISO
NTS.

A



SECTION @ 1/4" INCLINE POLYISO
NTS.

B



SUMP DETAIL
N.T.S.

INSTALLATION / QUANTITY DISCLAIMER:

Tapered layout and panel quantities quoted (tapered and fill) are based upon installation starting at the low point working toward the high point. Alternate installation methods may result in additional material quantities and costs at the responsibility of the contractor.

Consult a Gulf Eagle Representative prior to any alternate installation methods to ensure correct installation and eliminate the potential of increased costs.

Notes: TAPERED INSULATION THICKNESS
AT LOW POINTS TO BE 3" MINIMUM

TAPERED - 1/4" INCLINE

CRICKETS - 2" & 1/2" INCLINE

BASE LAYER - 3" & 5" POLYISO

OVERLAY - 1/2" SECURSHIELD

THERMAL - 5/8" SECUROCK

SECTION TAPERED PANELS: (2.0 X 4.0) W F B
2" x 24" TAPERED EDGE 88 Pcs

SECTION TAPERED PANELS: (4.0 X 4.0) POLYISO
G 1.000 - 2.000 48 Pcs
H 2.000 - 3.000 65 Pcs

SECTION FILL PANELS: (4.0 X 8.0) POLYISO
2.000 34 Pcs
Q 0.500 - 2.500 278 Pcs

CRICKET TAPERED PANELS: (4.0 X 4.0) POLYISO
0.500 - 2.500 278 Pcs

CRICKET TAPERED PANELS: (2.0 X 4.0) W F B
2" x 24" TAPERED EDGE 38 Pcs

CRICKET FILL PANELS: (4.0 X 8.0) POLYISO
2.000 1 Pcs

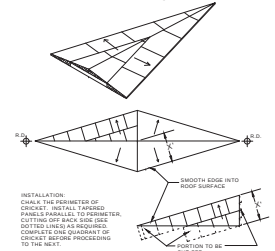
BASE LAYER: (4.0 X 8.0) POLYISO
3.000 11 Pcs
5.000 557 Pcs

OVERLAY LAYER: (4.0 X 8.0) 1/2" SECUROCK
0.500 568 Pcs

THERMAL LAYER: (4.0 X 8.0) SECUROCK
0.625 568 Pcs

FOR REFERENCE ONLY

CRICKET INSTALLATION 4" x 4" PANELS



PROJECT: WEBSTER UNIVERSITY
INTERDISCIPLINARY
SCIENCE BUILDING
ST LOUIS, MO
ARCHITECT: CANNON DESIGN

Material: TAPERED POLYISO

Roofers: KIRBERG ROOFING

Scale: 1/16" = 1' - 0" Drawn: D BETTORF

Slope: 1/4" INCLINE Revised:

Date: 9/1/2016 File: 151376



GULFEAGLE SUPPLY
8417 Chapin Ind. Dr., St. Louis, MO 63114
Phone: 314-993-9610 / 800-325-9610
Fax: 314-993-4836

WEBSTER UNIVERSITY INTERDISCIPLINARY SCIENCE BUILDING

[illegible][illegible]

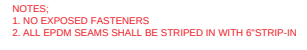
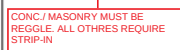
WEBSTER UNIVERSITY
SCIENCE BUILDING
WEBSTER GROVES, MO

FILE # 151376

DATE: 8/31/16

 Gulfeagle Supply, Inc.

 **Lucas Sales Company**
8417 Chapin Ind. Dr. St. Louis, MO 63114
Phone: 314.993.9610 | 800.325.9610 | Fax: 314.993.4836



Lucas Sales Company
8417 Chapin Ind. Dr., St. Louis, MO 63114
Phone: 314.993.9610 | 800.325.9610 | Fax: 314.993.4834

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
DEVIN D GATES	
SUBMITTED BY	
075323-003	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	075323
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|--|--|--|
| ☒ Shop Drawings | ☐ Certification / | ☐ Coordination Drawing |
| ☐ Samples | ☐ Qualifications | ☐ Calculations |
| (_____ copies) | ☐ Record Documents | ☐ Schedules |
| ☐ LEED Submittal | ☐ Product Data | ☐ O&M Manuals |
| ☐ Other _____ | | |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:

Devin D. Gates

DEVIN D GATES	9/19/16
REVIEWED BY	DATE

To be completed by Reviewer

07 5323-003
CANNON DESIGN SUBMITTAL NUMBER
9/19/16
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☐ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.
- ☒ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☐ See attached sheet(s) for additional comments

Manufacturer's standard details do not show that the contractor/installer are meeting detail requirements as shown in the contract documents. Manufacturer's standard details do not match existing conditions. Please provide details that show actual conditions and how roofing system will be installed to meet these conditions.

See comments below.

Kathy Williams	09/23/16
REVIEWED BY	DATE