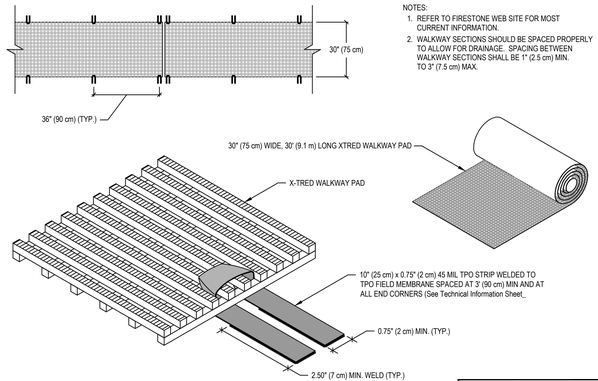


NOTES:
1. REFER TO FIRESTONE WEB SITE FOR MOST CURRENT INFORMATION.
2. WALKWAY SECTIONS SHOULD BE SPACED PROPERLY TO ALLOW FOR DRAINAGE. SPACING BETWEEN WALKWAY SECTIONS SHALL BE 1" (2.5 cm) MIN. TO 3" (7.5 cm) MAX.

MAXIMUM WARRANTY: **30 YEARS**

Firestone BUILDING PRODUCTS — NOBODY COVERS YOU BETTER.™ www.firestonebpco.com

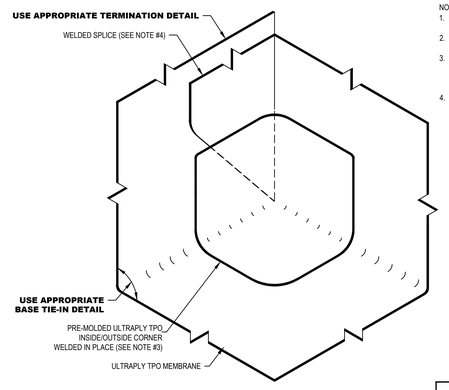
X-TRED WALKWAY PAD

ULTRAPLY™ TPO | ACCEPTABLE SYSTEMS: ALL TPO SYSTEMS

ISSUE / REVISION DATE: 3/26/2015 | NOT TO SCALE | DETAIL NO. UT-M-7

D-12 / A8.1 ROOF DETAIL

SCALE: 3" = 1'-0"



NOTES:
1. REFER TO FIRESTONE WEB SITE FOR MOST CURRENT INFORMATION.
2. REFER TO DETAIL TPO-SA-LS-1 OR TPO-SA-LS-2 FOR WELD WIDTH.
3. ULTRAPLY TPO FLASHING (UNSUPPORTED) MAY BE USED IN LIEU OF PRE-MOLDED ULTRAPLY TPO INSIDE/OUTSIDE CORNER.
4. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO TPO-SA-LS-7 FOR CUT EDGE SEALANT APPLICATION.

MAXIMUM WARRANTY: **20 YEARS**

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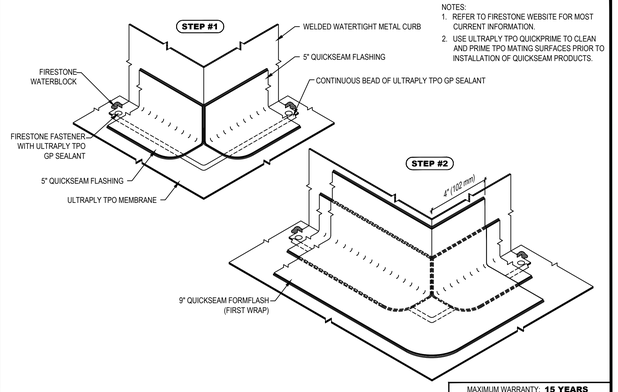
INSIDE CORNER

ULTRAPLY™ TPO | ACCEPTABLE SYSTEMS: ALL TPO SYSTEMS

ISSUE / REVISION DATE: 07/01/2015 | NOT TO SCALE | DETAIL NO. UT-C-5A

D-11 / A8.1 ROOF DETAIL

SCALE: 3" = 1'-0"



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. USE ULTRAPLY TPO QUICKPRIME TO CLEAN AND PRIME TPO MATING SURFACES PRIOR TO INSTALLATION OF QUICKSEAM PRODUCTS.

MAXIMUM WARRANTY: **15 YEARS**

Firestone BUILDING PRODUCTS — NOBODY COVERS YOU BETTER.™ www.firestonebpco.com

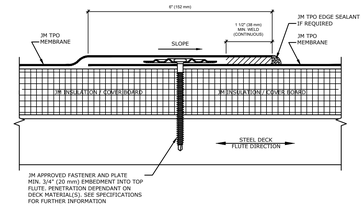
OUTSIDE CORNER AT WELDED WATERTIGHT CURB (FLANGES UNDER 2") INSTALLATION STEPS 1 & 2

ULTRAPLY™ TPO | ACCEPTABLE SYSTEMS: ALL

ISSUE / REVISION DATE: 7/01/2014 | NOT TO SCALE | DETAIL NO. UT-C-2a

D-10 / A8.1 ROOF DETAIL

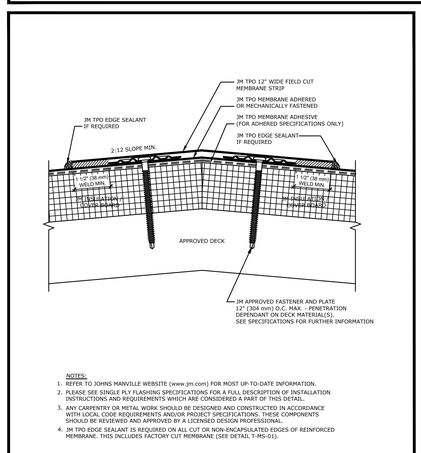
SCALE: 3" = 1'-0"



NOTES:
1. REFER TO JOHNS MANVILLE WEBSITE (www.jm.com) FOR MOST UP-TO-DATE INFORMATION.
2. PLEASE SEE SINGLE PLY FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
4. 3M TPO EDGE SEALANT IS REQUIRED ON ALL CUT OR NON-ENCAPSULATED EDGES OF REINFORCED MEMBRANE. THIS INCLUDES FACTORY CUT MEMBRANE (SEE DETAIL T-MS-01).

D-9 / A8.1

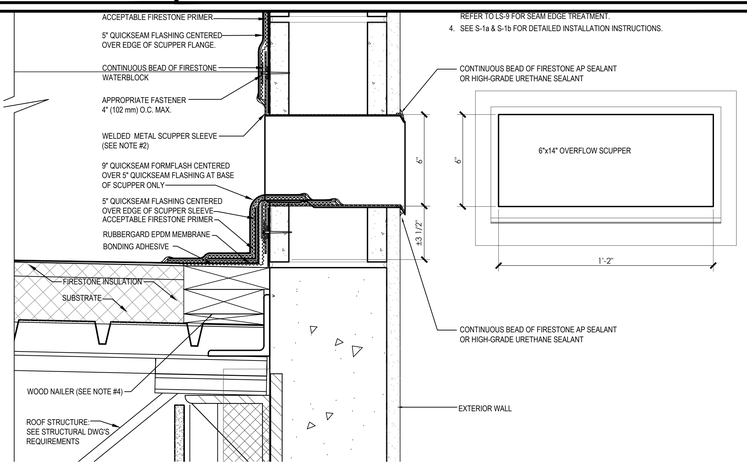
SCALE: 3" = 1'-0"



NOTES:
1. REFER TO JOHNS MANVILLE WEBSITE (www.jm.com) FOR MOST UP-TO-DATE INFORMATION.
2. PLEASE SEE SINGLE PLY FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
4. 3M TPO EDGE SEALANT IS REQUIRED ON ALL CUT OR NON-ENCAPSULATED EDGES OF REINFORCED MEMBRANE. THIS INCLUDES FACTORY CUT MEMBRANE (SEE DETAIL T-MS-01).

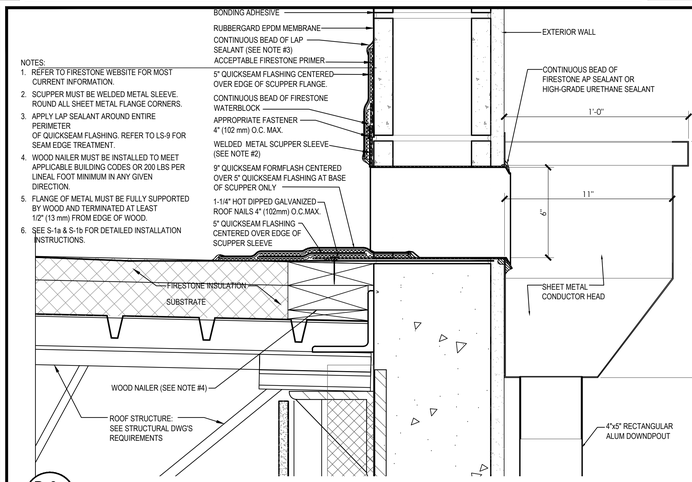
D-8 / A8.1

SCALE: 3" = 1'-0"



D-7 / A8.1

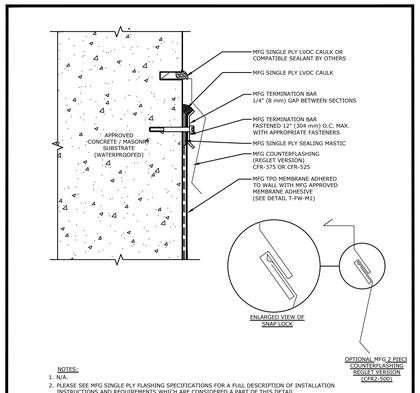
SCALE: 3" = 1'-0"



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. SCUPPER MUST BE WELDED METAL SLEEVE. ROUND ALL SHEET METAL FLANGE CORNERS.
3. APPLY LAP SEALANT AROUND ENTIRE PERIMETER OF QUICKSEAM FLASHING. REFER TO LS-9 FOR SEAM EDGE TREATMENT.
4. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAL FOOT MINIMUM IN ANY GIVEN DIRECTION.
5. FLANGE OF METAL MUST BE FULLY SUPPORTED BY WOOD AND TERMINATED AT LEAST 1/2" (13 mm) FROM EDGE OF WOOD.
6. SEE S-1a & S-1b FOR DETAILED INSTALLATION INSTRUCTIONS.

D-6 / A8.1

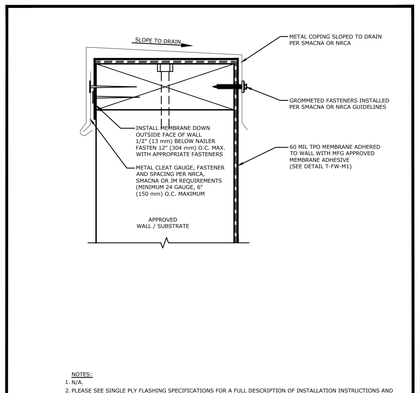
SCALE: 3" = 1'-0"



NOTES:
1. N/A.
2. PLEASE SEE MFG SINGLE PLY FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
4. ALL SEALANTS / CAULKING SHALL BE PERIODICALLY INSPECTED AND MAINTAINED BY THE BUILDING OWNER THROUGHOUT THE LIFE OF THE ROOF.
5. TO ASSURE SURFACE MOUNTED TERMINATION PERFORM EFFECTIVELY, WATERPROOF AND MAINTAIN CONCRETE AND MASONRY SUBSTRATES.
6. MINIMUM FLASHING HEIGHT IS 8" (203 mm) ABOVE ROOF SURFACE.

D-5 / A8.1

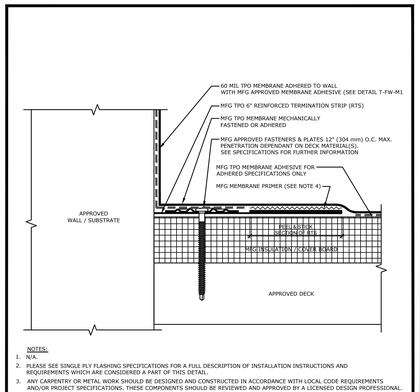
SCALE: 3" = 1'-0"



NOTES:
1. N/A.
2. PLEASE SEE SINGLE PLY FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.

D-4 / A8.1

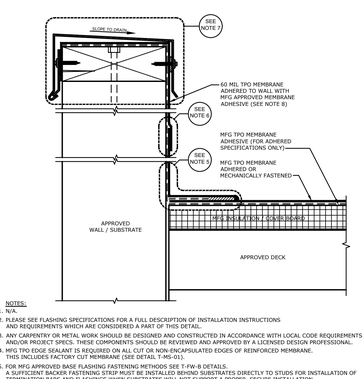
SCALE: 3" = 1'-0"



NOTES:
1. N/A.
2. PLEASE SEE SINGLE PLY FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
4. PRIME UNDERSIDE OF FIELD MEMBRANE AT PEEL & STICK SECTION WITH MFG TPO MEMBRANE PRIMER OR 3M SINGLE PLY MEMBRANE PRIMER (LOW VOC). ROLL TPO MEMBRANE WITH ROLLER UNDER PRESSURE AT PEEL & STICK SECTION OF RTS.
5. THIS DETAIL IS NOT COMPATIBLE OR ELIGIBLE FOR GUARANTEE WITH MFG SELF ADHERED TPO MEMBRANE.

D-3 / A8.1 ROOF DETAIL

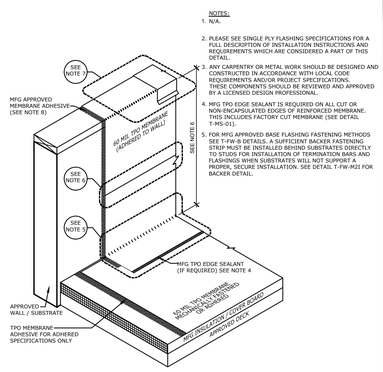
SCALE: 3" = 1'-0"



NOTES:
1. N/A.
2. PLEASE SEE FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
4. MFG TPO EDGE SEALANT IS REQUIRED ON ALL CUT OR NON-ENCAPSULATED EDGES OF REINFORCED MEMBRANE. THIS INCLUDES FACTORY CUT MEMBRANE (SEE DETAIL T-MS-01).
5. FOR MFG APPROVED BASE FLASHING FASTENING METHODS SEE T-FW-B DETAILS. A SUFFICIENT BACKER FASTENING STRIP MUST BE INSTALLED BEHIND SUBSTRATES DIRECTLY TO STUDS FOR INSTALLATION OF TERMINATION BARS AND FLASHINGS WHEN SUBSTRATES WILL NOT SUPPORT A PROPER, SECURE INSTALLATION. SEE DETAIL T-FW-M21 FOR BACKER DETAIL.
6. FOR MFG APPROVED INTERMEDIATE FLASHING FASTENING METHODS SEE T-FW-I DETAILS. MINIMUM FLASHING TERMINATION HEIGHT IS 8" (203 mm) ABOVE ROOF SURFACE. INTERMEDIATE ADHERED MEMBRANE FASTENING REQUIRED AT 5'-0" (1.52 m) INTERVALS MAXIMUM, AND 18" (457 mm) HIGH MAXIMUM FOR NON ADHERED MEMBRANE ON CMU, BRICK, SMOOTH CONCRETE WALLS, OR ANY MFG APPROVED SUBSTRATE, IE. PLYWOOD, SECURock® GYPSUM-FIBER AND DENSDECK®. SEE DETAIL T-FW-M21 FOR MFG APPROVED FASTENING METHODS.
7. FOR MFG APPROVED TOP OF WALL FLASHING METHODS SEE T-FW-T DETAILS.
8. MFG APPROVED ADHESIVES FOR USE ON VERTICAL FLASHING APPLICATIONS INCLUDES MFG LVOC MEMBRANE ADHESIVE (TPO & EPDM), MFG MEMBRANE BONDING ADHESIVE (TPO & EPDM), AND MFG TPO WATER BASED MEMBRANE ADHESIVE.

D-2 / A8.1 ROOF DETAIL

SCALE: 3" = 1'-0"



D-1 / A8.1 ROOF DETAIL

SCALE: 3" = 1'-0"

CAMPBELL + VAN DUSEN
ARCHITECTURE INTERIOR DESIGN
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CAMPBELL + VAN DUSEN Design Studio, LLC.
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Orlando, Florida 32801
Phone: 407.930.6016
FL. Lic. No. AA26003339

ARCHITECT OF RECORD
FRANK W. CAMPBELL AIA
FL LIC. NO. AR0016053

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SEAL

COPY OF THIS PLAN IS NOT VALID UNLESS SIGNED, SEALED AND DATED BY THE ENGINEER OF RECORD.
CONSULTANT SEAL

PROJECT DESCRIPTION:
A NEW OFFICE BUILDING FOR PROVIDENCE ONE PARTNERS
BUILDING - 02
7151 BUSINESS PARK LANE
HEATHROW, FLORIDA, 32746

ISSUE FOR
PRELIMINARY NOT FOR CONSTRUCTION

ISSUE DATE
12.12.2024

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT DATA
PRINCIPAL IN CHARGE
F. CAMPBELL
PROJECT MANAGER
B. BUCKLEY

CLIENT NAME
Provedence One Partners

PROJECT NUMBER
24-0919-01

SHEET TITLE
ROOF DETAILS

SHEET NUMBER
A8.1