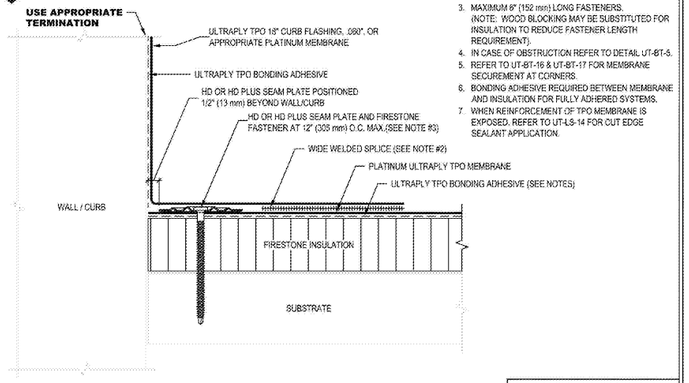
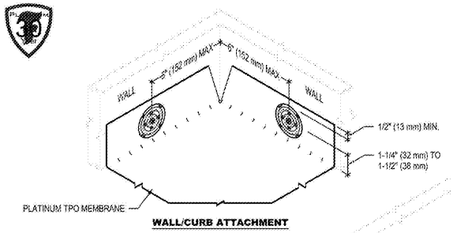


NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO DETAIL PUT-LS-1 OR PUT-LS-3 FOR WELD WIDTH.
3. MAXIMUM 8" (152 mm) LONG FASTENERS. (NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT).
4. IN CASE OF OBSTRUCTION REFER TO DETAIL UT-BT-5.
5. REFER TO UT-BT-16 & UT-BT-17 FOR MEMBRANE SECUREMENT AT CORNERS.
6. BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS.
7. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.

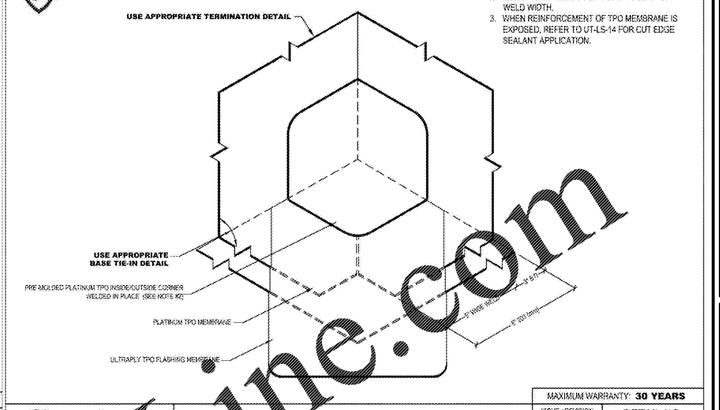
MAXIMUM WARRANTY: 30 YEARS			
BASE TIE-IN WITH HD SEAM PLATES FASTENED TO DECK	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-BT-1



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. MAXIMUM 8" (152 mm) LONG FASTENERS. (NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT).

BASE FLASHINGS AND TERMINATIONS NOT SHOWN FOR CLARITY. REFER TO APPROPRIATE TERMINATION & BASE TIE-IN DETAILS.

MAXIMUM WARRANTY: 30 YEARS			
MEMBRANE SECUREMENT AT INSIDE CORNER	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-BT-17



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO DETAIL PUT-LS-1 OR PUT-LS-3 FOR WELD WIDTH.
3. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.

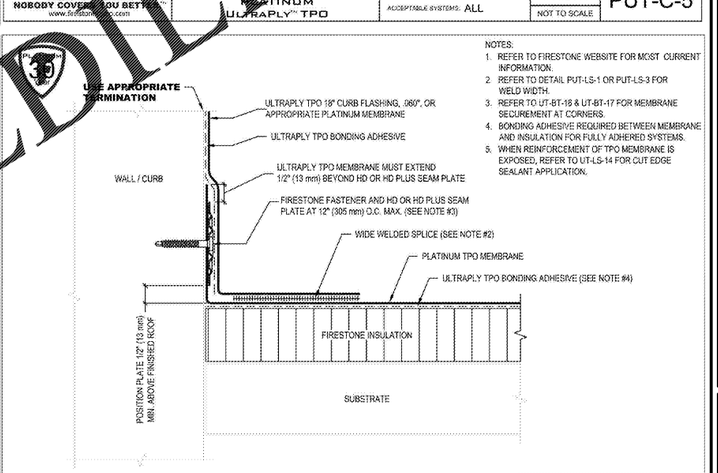
MAXIMUM WARRANTY: 30 YEARS			
INSIDE CORNER	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-C-5

NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO DETAIL PUT-LS-1 OR PUT-LS-3 FOR WELD WIDTH.
3. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.

MAXIMUM WARRANTY: 30 YEARS			
OUTSIDE CORNER	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-C-1

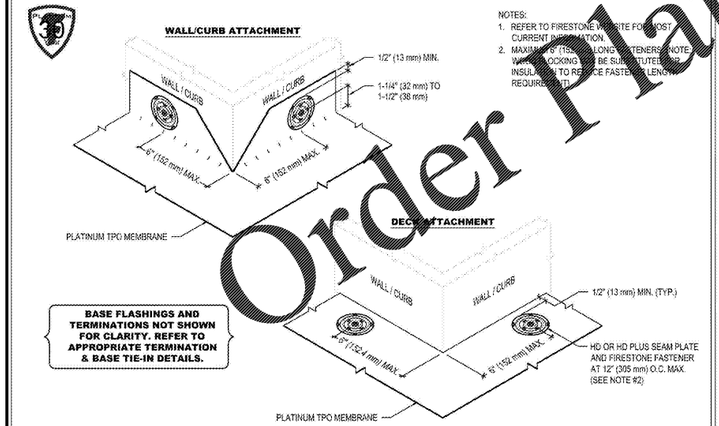
NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO DETAIL PUT-LS-1 OR PUT-LS-2 FOR WELD WIDTH.
3. FIRESTONE BATTEN STRIP MAY BE USED IN LIEU OF SEAM PLATES. POLYMER OR METAL BATTEN STRIP ACCEPTABLE FOR WOOD OR METAL SUBSTRATE. METAL BATTEN MUST BE USED WITH MASONRY SUBSTRATE.
4. IF INTERMEDIATE ATTACHMENT IS REQUIRED, COMPLETE AS FOLLOWS:
   - 0 TO 3' (1 M) WALL HEIGHT - NONE REQUIRED
   - 3' TO 6' (1 M TO 2 M) WALL HEIGHT - ONE ATTACHMENT AT THE WELD
   - ABOVE 6' (2 M) ONE ATTACHMENT EVERY 3' (1 M)
5. THERE ARE SOME CONDITIONS WHICH DO NOT REQUIRE INTERMEDIATE ATTACHMENT. REFER TO FIRESTONE APPLICATION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.
7. 5" WIDE WELD IS ACCEPTABLE AS AN ALTERNATE TO STANDARD 1 1/2" WELD FOR WALL FLASHINGS.

MAXIMUM WARRANTY: 30 YEARS			
INTERMEDIATE WALL FLASHING ATTACHMENT WITH WELDED SPLICE	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-T-23



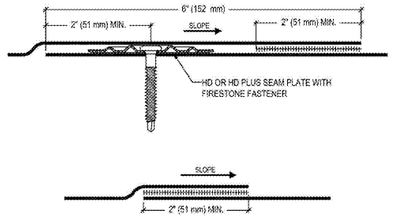
NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO DETAIL PUT-LS-1 OR PUT-LS-3 FOR WELD WIDTH.
3. REFER TO UT-BT-16 & UT-BT-17 FOR MEMBRANE SECUREMENT AT CORNERS.
4. BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS.
5. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.

MAXIMUM WARRANTY: 30 YEARS			
BASE TIE-IN WITH HD SEAM PLATES FASTENED TO WALL/CURB	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-BT-2



BASE FLASHINGS AND TERMINATIONS NOT SHOWN FOR CLARITY. REFER TO APPROPRIATE TERMINATION & BASE TIE-IN DETAILS.

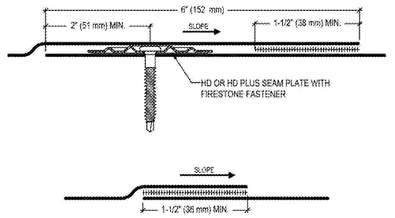
MAXIMUM WARRANTY: 30 YEARS			
MEMBRANE SECUREMENT AT OUTSIDE CORNER	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-BT-16



NOTES:
1. REFER TO FIRESTONE WEB SITE FOR MOST CURRENT INFORMATION.
2. DETAIL IS LIMITED TO WALL TRANSITIONS. REFER TO PUT-LS-1 OR PUT-LS-3 FOR WIDE WELD DETAIL.

WHEN POLYESTER REINFORCEMENT OF TPO IS EXPOSED, APPLY CUT EDGE TREATMENT TO ENTIRE EXPOSED EDGE. REFER TO PUT-LS-14.

MAXIMUM WARRANTY: 30 YEARS			
LAP SPLICE WITH 2" HAND WELD	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-LS-2



NOTE:
1. REFER TO FIRESTONE WEB SITE FOR MOST CURRENT INFORMATION.

WHEN POLYESTER REINFORCEMENT OF TPO IS EXPOSED, APPLY CUT EDGE TREATMENT TO ENTIRE EXPOSED EDGE. REFER TO PUT-LS-14.

MAXIMUM WARRANTY: 30 YEARS			
LAP SPLICE WITH 1-1/2" AUTOMATIC WELDER	ISSUE / REVISION DATE: 1/15/2015	DETAIL NO.	
PLATINUM ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	NOT TO SCALE	PUT-LS-9

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Blacks Mill Elementary School (Facility No. 642-0199)
HVAC Replacement and Reroof
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FOR
Dawson County Schools
Overall Renovation Square Footage – 77,219 SF (Existing)
FY 22 – 750 (Existing)

REVISIONS

SHEET TITLE: ROOF DETAILS

DATE: 12-06-2019

PROJECT NUMBER: 19-309

SHEET NUMBER: A3.3