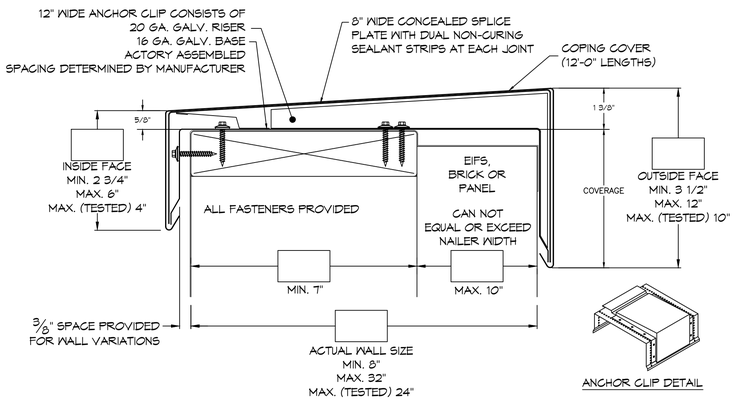


13 ANCHOR CLIP DETAIL
SCALE: N.T.S.

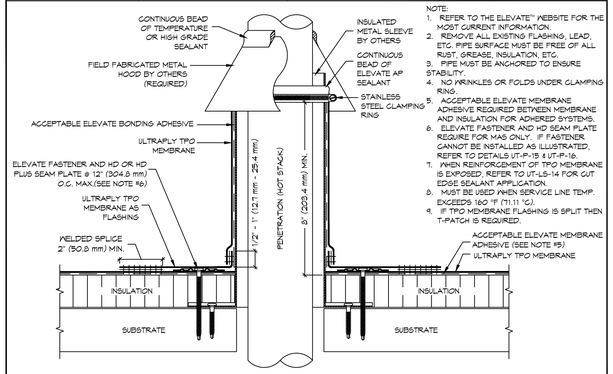
ELEVATE

PENETRATION (HOT STACK) WITH ULTRAPLY TPO MEMBRANE

DETAIL NO. UT-P-07

MATERIAL: ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	ISSUE / REVISION DATE:
(800) 428-4511 www.holcimelevate.com	MAXIMUM WARRANTY: 20 YEARS	10/19/2022

NOT TO SCALE



NOTE:
1. REFER TO THE ELEVATE™ WEBSITE FOR THE MOST CURRENT INFORMATION.
2. REMOVE ALL EXISTING FLASHING, LEAD, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
3. PIPE MUST BE ANCHORED TO ENSURE STABILITY.
4. NO WRINKLES OR FOLDS UNDER CLAMPING RING.
5. ACCEPTABLE ELEVATE MEMBRANE ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR ADHERED SYSTEMS.
6. ELEVATE FASTENER AND HD SEAM PLATE REQUIRE FOR MAS ONLY. IF FASTENER CANNOT BE INSTALLED AS ILLUSTRATED, REFER TO DETAILS UT-P-15 & UT-P-16.
7. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.
8. MUST BE USED WHEN SERVICE LINE TEMP. EXCEEDS 160 °F (71.11 °C).
9. IF TPO MEMBRANE FLASHING IS SPLIT THEN T-PATCH IS REQUIRED.

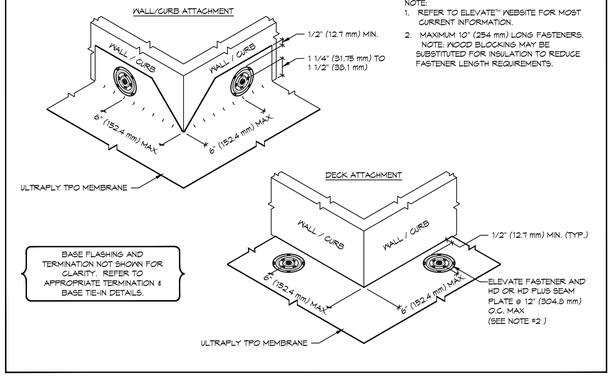
14 HOT STACK DETAIL
SCALE: N.T.S.

MEMBRANE SECUREMENT AT OUTSIDE CORNER

DETAIL NO. UT-BT-16

MATERIAL: ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	ISSUE / REVISION DATE:
(800) 428-4511 www.holcimelevate.com	MAXIMUM WARRANTY: 20 YEARS	03/22/2023

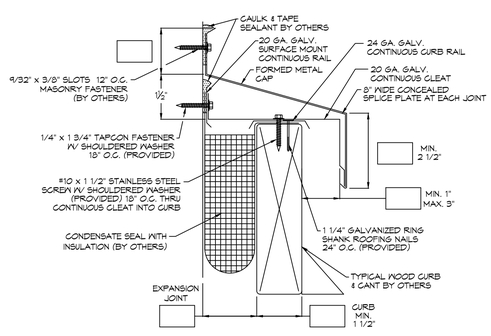
NOT TO SCALE



NOTE:
1. REFER TO ELEVATE™ WEBSITE FOR MOST CURRENT INFORMATION.
2. MAXIMUM 10" (254 mm) LONG FASTENERS. NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENTS.

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

15 MEMBRANE DETAIL
SCALE: N.T.S.



16 ROOF CAP DETAIL
SCALE: N.T.S.

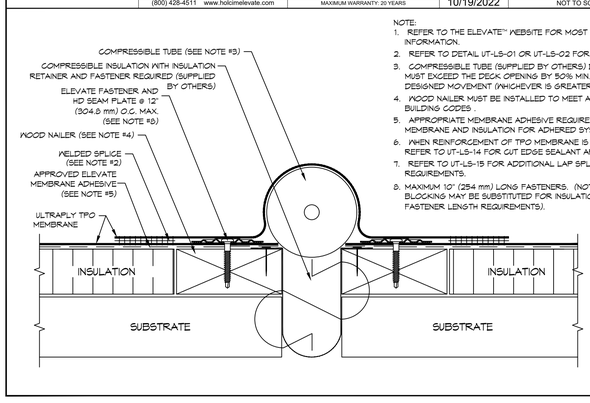
ELEVATE

EXPANSION JOINT (FIELD FABRICATED WITH WELDED SPLICE AND WOOD NAILER - ROOF TO ROOF

DETAIL NO. UT-E-04

MATERIAL: ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	ISSUE / REVISION DATE:
(800) 428-4511 www.holcimelevate.com	MAXIMUM WARRANTY: 20 YEARS	10/19/2022

NOT TO SCALE



NOTE:
1. REFER TO THE ELEVATE™ WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO DETAIL UT-LS-01 OR UT-LS-02 FOR WELD WIDTH.
3. COMPRESSIBLE TUBE (SUPPLIED BY OTHERS) DIAMETER MUST EXCEED THE DECK OPENING BY 50% MIN. OR DESIGNED MOVEMENT (WHICHEVER IS GREATER).
4. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES .
5. APPROPRIATE MEMBRANE ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR ADHERED SYSTEMS.
6. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.
7. REFER TO UT-LS-15 FOR ADDITIONAL LAP SPLICE REQUIREMENTS.
8. MAXIMUM 10" (254 mm) LONG FASTENERS. (NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENTS).

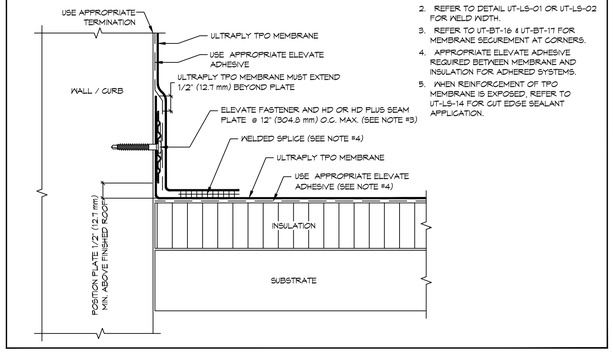
17 EXPANSION JOINT DETAIL
SCALE: N.T.S.

BASE TIE-IN WITH HD OR HD PLUS SEAM PLATES FASTENED TO WALL OR CURB

DETAIL NO. UT-BT-02

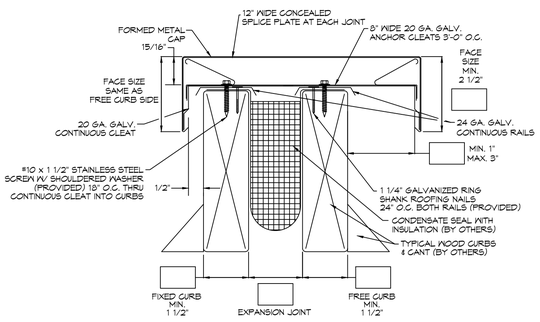
MATERIAL: ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	ISSUE / REVISION DATE:
(800) 428-4511 www.holcimelevate.com	MAXIMUM WARRANTY: 20 YEARS	03/22/2023

NOT TO SCALE



NOTE:
1. REFER TO ELEVATE™ WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO DETAIL UT-LS-01 OR UT-LS-02 FOR WELD WIDTH.
3. REFER TO UT-BT-16 & UT-BT-17 FOR MEMBRANE SECUREMENT AT CORNERS.
4. APPROPRIATE ELEVATE ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR ADHERED SYSTEMS.
5. WHEN REINFORCEMENT OF TPO MEMBRANE IS EXPOSED, REFER TO UT-LS-14 FOR CUT EDGE SEALANT APPLICATION.

18 BASE TIE-IN DETAIL
SCALE: N.T.S.



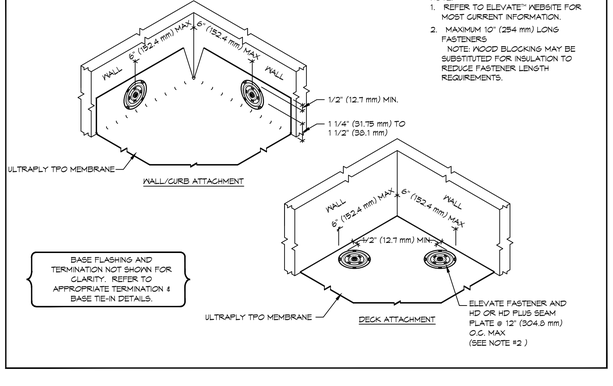
19 ROOF CAP DETAIL
SCALE: N.T.S.

MEMBRANE SECUREMENT AT INSIDE CORNER

DETAIL NO. UT-BT-17

MATERIAL: ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	ISSUE / REVISION DATE:
(800) 428-4511 www.holcimelevate.com	MAXIMUM WARRANTY: 20 YEARS	03/22/2023

NOT TO SCALE



NOTE:
1. REFER TO THE ELEVATE™ WEBSITE FOR THE MOST CURRENT INFORMATION.
2. MAXIMUM 10" (254 mm) LONG FASTENERS NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENTS.

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

20 MEMBRANE DETAIL
SCALE: N.T.S.

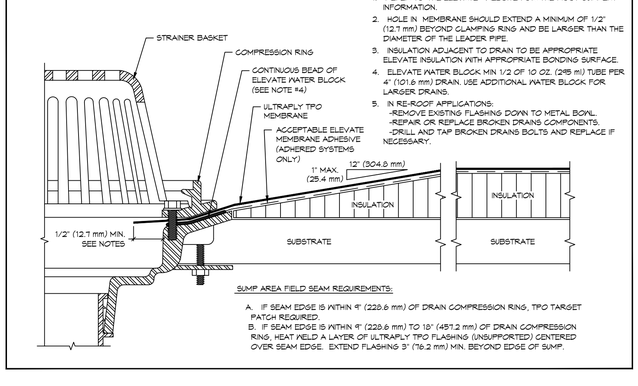
ELEVATE

ROOF DRAIN

DETAIL NO. UT-D-01

MATERIAL: ULTRAPLY™ TPO	ACCEPTABLE SYSTEMS: ALL	ISSUE / REVISION DATE:
(800) 428-4511 www.holcimelevate.com	MAXIMUM WARRANTY: 20 YEARS	03/27/2023

NOT TO SCALE



NOTE:
1. REFER TO THE ELEVATE™ WEBSITE FOR THE MOST CURRENT INFORMATION.
2. HOLE IN MEMBRANE SHOULD EXTEND A MINIMUM OF 1/2" (12.7 mm) BEYOND CLAMPING RING AND BE LARGER THAN THE DIAMETER OF THE LEADER PIPE.
3. INSULATION ADJACENT TO DRAIN TO BE APPROPRIATE ELEVATE INSULATION WITH APPROPRIATE BONDING SURFACE.
4. ELEVATE WATER BLOCK MIN 1/2 OF 10 OZ. (285 ml) TUBE PER 4" (101.6 mm) DRAIN. USE ADDITIONAL WATER BLOCK FOR LARGER DRAINS.
5. IN RE-ROOF APPLICATIONS:
-REMOVE EXISTING FLASHING DOWN TO METAL BOWL.
-REPAIR OR REPLACE BROKEN DRAINS COMPONENTS.
-DRILL AND TAP BROKEN DRAINS BOLTS AND REPLACE IF NECESSARY.

SUMP AREA FIELD SEAM REQUIREMENTS:

A. IF SEAM EDGE IS WITHIN 9" (228.6 mm) OF DRAIN COMPRESSION RING, TPO TARGET PATCH REQUIRED.
B. IF SEAM EDGE IS WITHIN 9" (228.6 mm) TO 18" (457.2 mm) OF DRAIN COMPRESSION RING, HEAT WELD A LAYER OF ULTRAPLY TPO FLASHING (UNSUPPORTED) CENTERED OVER SEAM EDGE. EXTEND FLASHING 3" (76.2 mm) MIN. BEYOND EDGE OF SUMP.

21 ROOF DRAIN
SCALE: N.T.S.

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Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

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BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

NEW PARTIAL RENOVATION
RED ROOF INN
1662 GAUSE BLVD.
SLIDELL, LA 70458

JOB No:	2491	DATE:	12-12-2023
DRAWN BY:	C&D	CHECKED BY:	JMS

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SHEET TITLE:
ROOF PLAN DETAILS

DRAWING NUMBER:
A104

SHEET No: 6 of 10

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