

MAXIM INDUSTRIES, INC.

SERIES "DSF" DADE SELF-FLASHING SKYLIGHT

INSTALLATION ANCHORAGE DETAILS

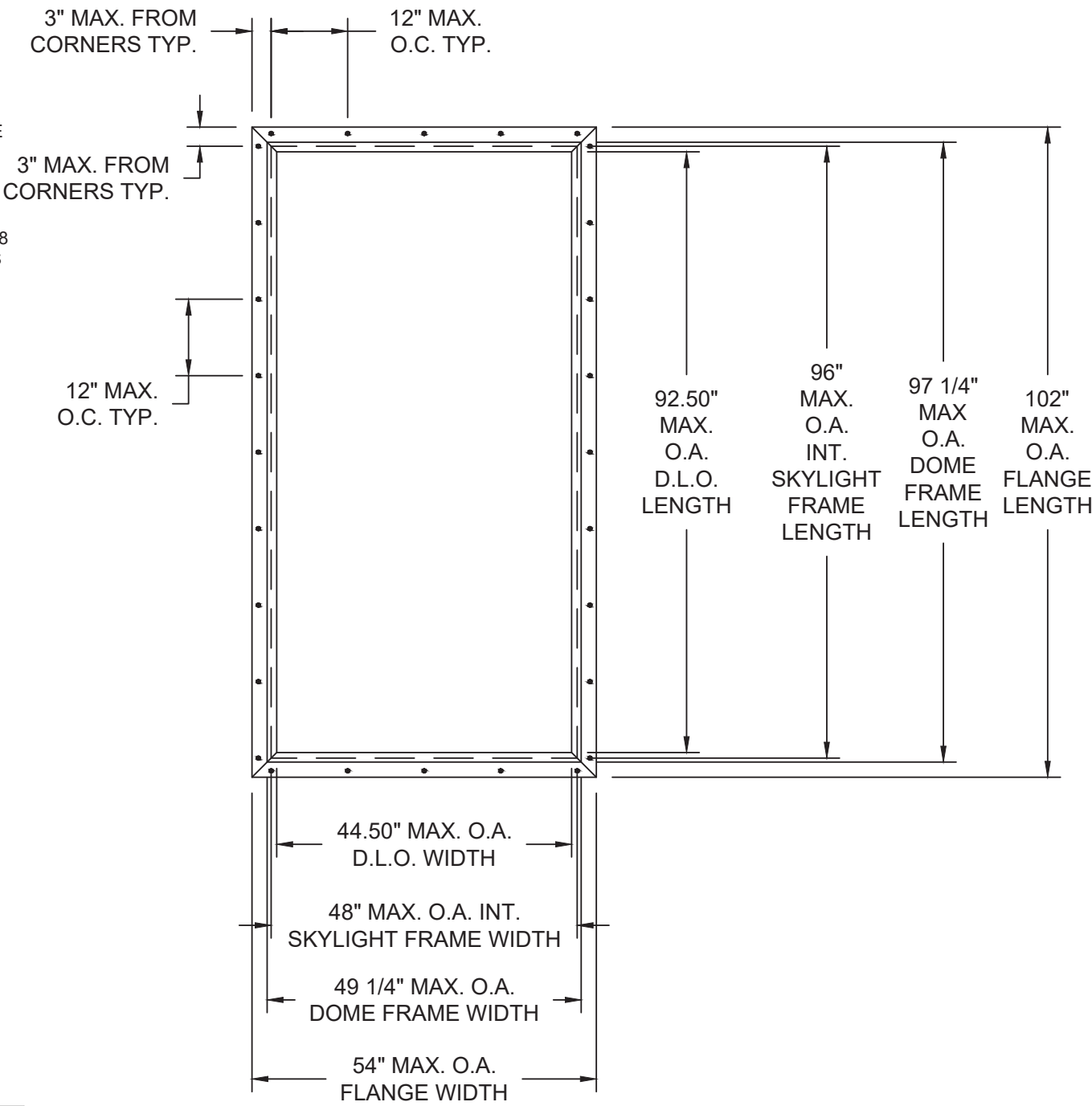
GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC). THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT ATI 01-43381.01 AND ASSOCIATED LABORATORY DRAWINGS.
2. ADEQUACY OF THE EXISTING STRUCTURAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
3. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
4. MATERIALS:
- 4.1. SKYLIGHT FRAME: 6063-T6 EXTRUDED ALUMINUM.
- 4.2. SKYLIGHT INNER AND OUTER DOME MATERIAL: TUFFAK POLYCARBONATE BY PLASKOLITE, LLC PER CURRENT MIAMI-DADE NOA COMPONENT APPROVAL.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED ARE THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. FOR INSTALLATION INTO WOOD ROOF DECK, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 1 INCH.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
5. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
6. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.



ELEVATION & ANCHOR LAYOUT

TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	---	NOTES, ELEVATION & ANCHOR LAYOUT
2	---	SECTION VIEWS

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
±60.0	LARGE MISSILE IMPACT

PROJECT #423-0211

MAXIM INDUSTRIES, INC.

201 LONGHORN RD

FORT WORTH, TEXAS 76179

TITLE:

SERIES "DSF" DADE SELF-FLASHING SKYLIGHT

NOTES, ELEVATION & ANCHOR LAYOUT

PREPARED BY:

DATE:

02/24/10

DRAWING NO:

MAX0001

SCALE:

N/A

REV:

E

SHEET:

1 OF 2

BY

DATE

REV

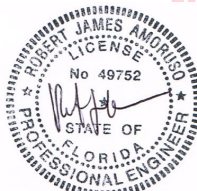
DESCRIPTION

ADDRESS CHANGE

9/21/23

RJA

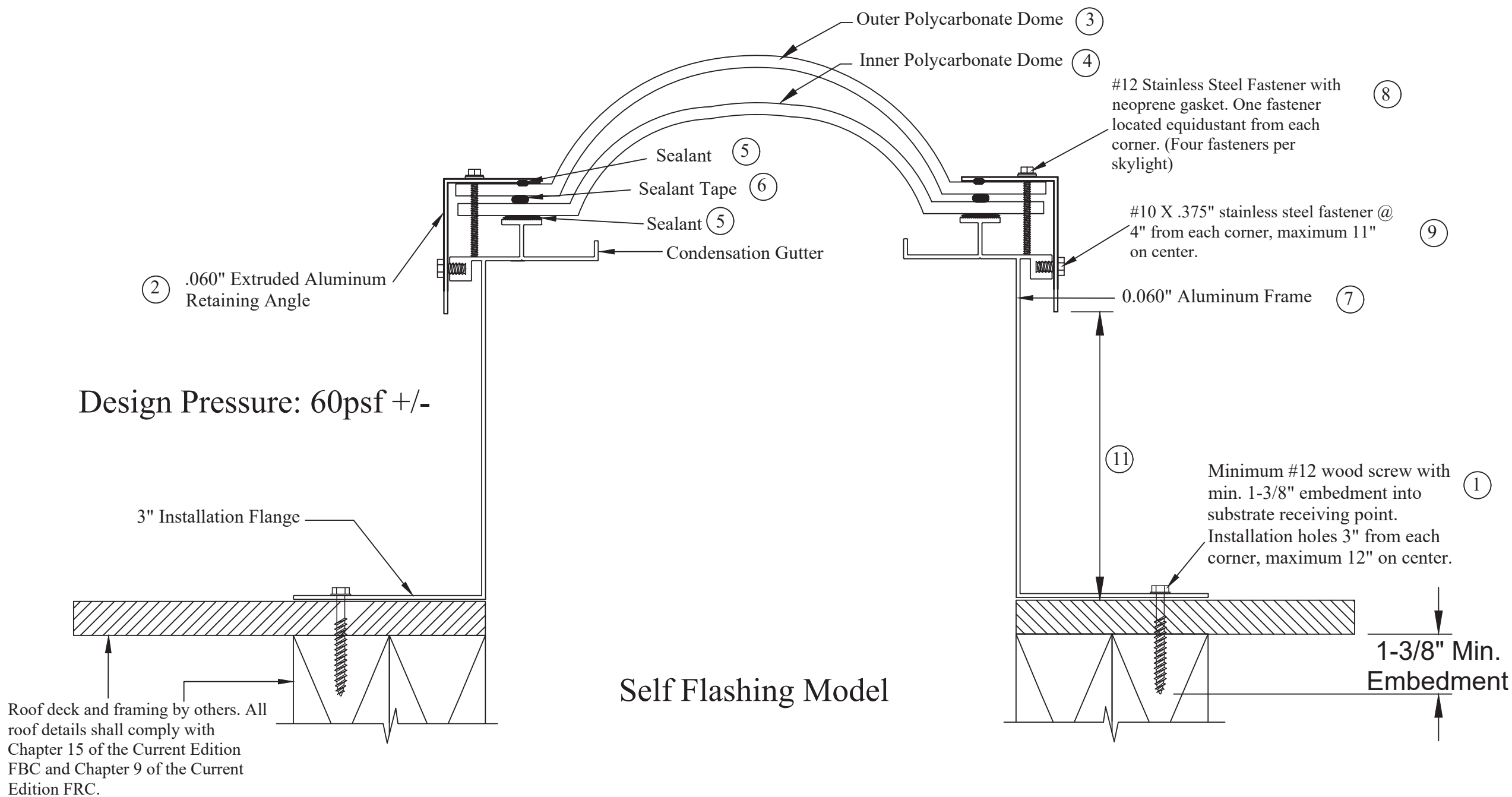
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally signed by Robert J Amoruso

Date: 2023.10.06 10:19:05 -04'00'

1. Minimum #12 fastener by others. Pre-punched installation holes 3" from each corner, maximum 12" on center. Minimum penetration = 1-3/8".
2. .060" X 1.5" X 1.75" 6063-T6 extruded aluminum retaining angle. Aluminum angle mitered and welded @ four corners.
3. 47.5" X 95.5" UV Enhanced outer Tuffak Polycarbonate Dome by Plaskolite, LLC @ 8" height on test sample (dome height varies per skylight size but not less than the larger of 10% of the dome's span or 4").
4. 7.5" X 95.5" UV Enhanced inner Tuffak Polycarbonate Dome by Plaskolite, LLC @ 4" height on test sample (dome height varies per skylight size but not less than the larger of 10% of the dome's span or 4").
5. OSI PR256 urethane sealant. Located between aluminum retaining angle and outer dome & between inner dome and aluminum frame.
6. Sealant tape. 1" X .125" located between outer and inner domes.
7. 6063-T6 extruded aluminum frame. Aluminum frame mitered and welded @ four corners.
8. #12 X 1.75" fastener. One fastener located equidistant from each corner. Four fasteners per skylight.
9. #10 X .375 18-8 stainless steel fastener. Located 4" from each corner, maximum 11" on center.
10. All units equal to or less than the total square footage or the test specimen, 36 square feet, will be accepted under this approval. Width and/or height of tested unit cannot be exceeded.
11. Minimum distance = 4" from angle lip to roof surface for shingles or BUR without insulation. For insulation and tile roof add tile height and insulation thickness to the 4" minimum height.



PROJECT #423-0211

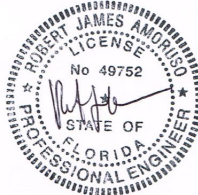
MAXIM INDUSTRIES, INC
201 LONGHORN RD
FORT WORTH, TEXAS 76179

TITLE: SERIES "DSF" DADE SELF-FLASHING SKYLIGHT SECTION VIEWS

DATE: 02/24/10
DRAWING NO: MAX0001
SHEET: 2 OF 2
DRAWN BY: SMC
SCALE: N/A
REV: E

ADDRESS CHANGE
CURRENT FBC UPDATE
9/21/23
RJA
DATE
BY

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



Digitally
signed by
Robert J
Amoruso
Date:
2023.10.06
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