

LOEWEN 36 SERIES PICTURE/DIRECT SET WINDOW
(NON-HVHZ)(NON-IMPACT)

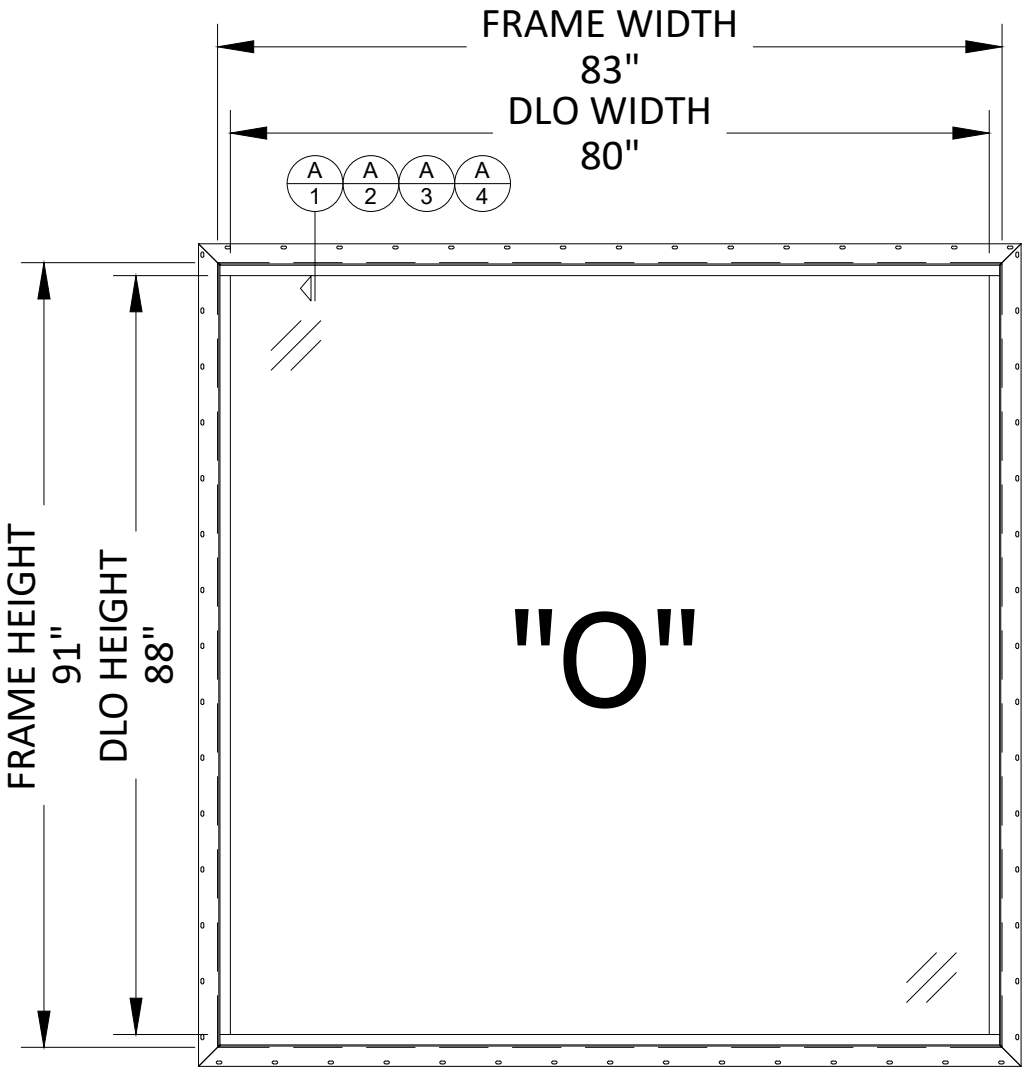


Loewen Inc
77 Highway 52 West
Steinbach, MB Canada
R5G 1B2
PH (204) 346-6808

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.11 16:09:20 +02'00'

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
1.1. AAMA/WDMA/CSA 101/I.S.2/A440-11, NAFS 2011
1.2. AAMA/WDMA/CSA 101/I.S.2/A440-17, NAFS 2017
- 2. ADEQUACY OF EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 3. 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
- 5. WINDOW FRAME MATERIAL: DOUGLAS FIR AND 6061 OR 6063 T5 ALUMINUM
- 6. IN ACCORDANCE WITH THE CURRENT CHAPTER 20 OF THE FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME IN CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS DEFINED IN CHAPTER 20 OF THE FBC.
- 7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAIL.
- 8. HEIGHT AND WIDTH ARE INTERCHANGEABLE



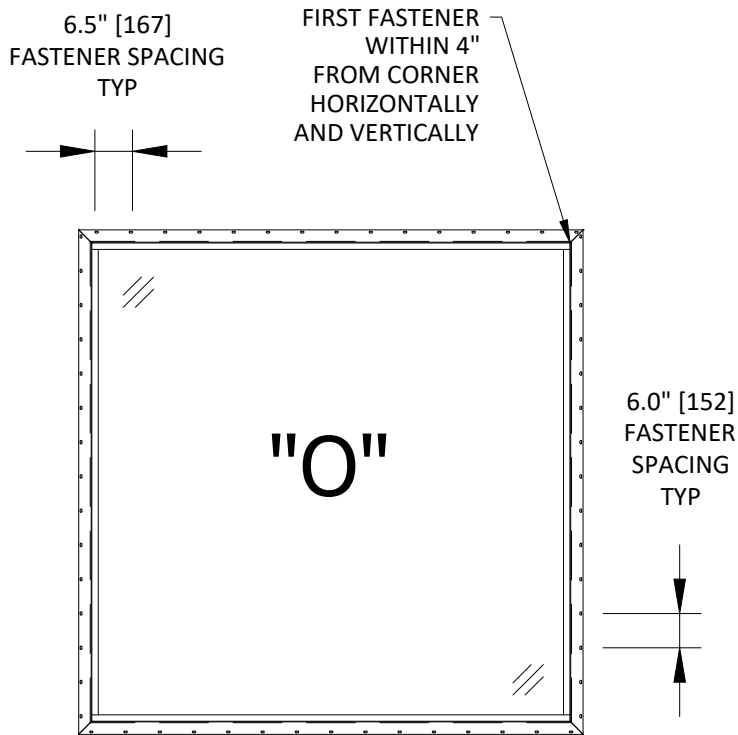
EXTERIOR ELEVATION

Table with 14 columns: FRAME HEIGHT (INCHES), and 13 columns for FRAME WIDTH (INCHES) from 54 to 120. The table contains design pressure values in PSF.

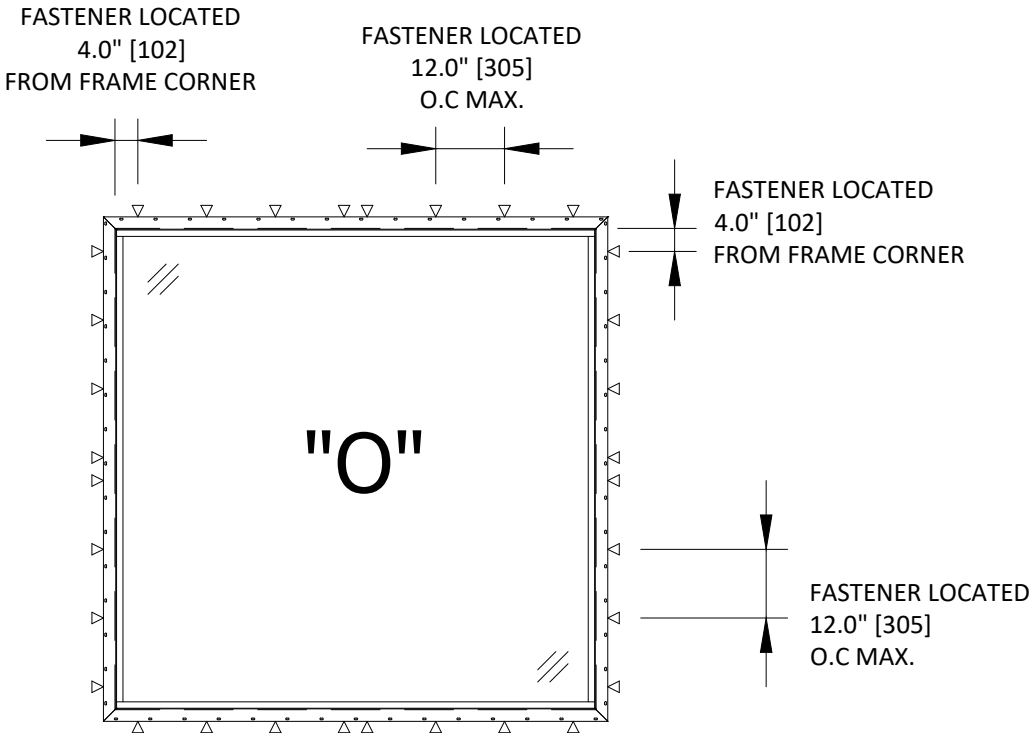


Table with 5 columns: REVISIONS, Description, Rev, By, Date. It tracks revisions to the document, including updates to the Florida Building Code (FBC) in 2020, 2023, and 2026.

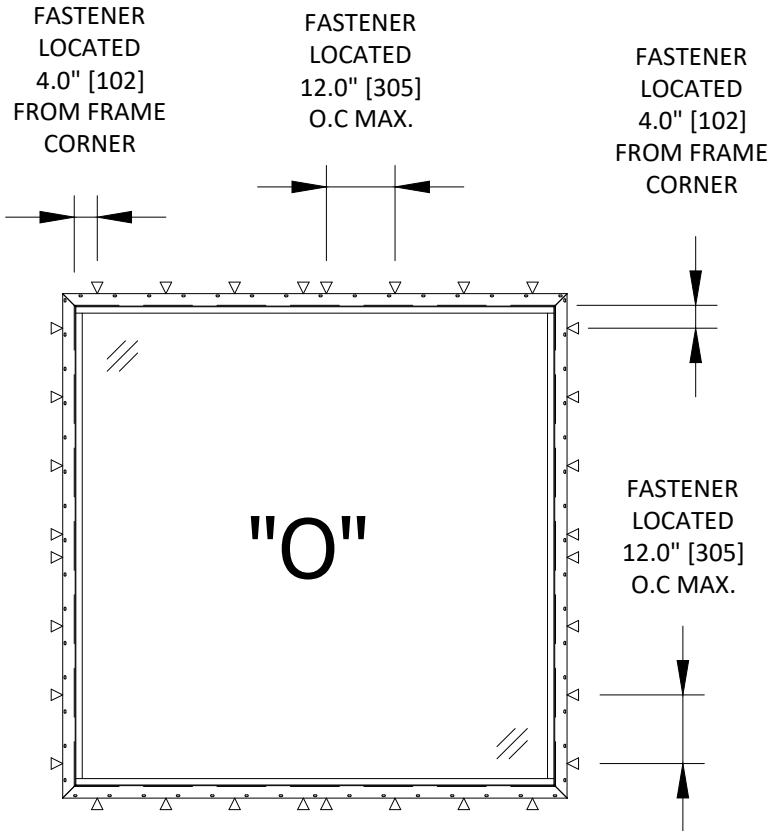
Form containing project details: TITLE (METAL CLAD 36PS NON IMPACT INSTALLATION ELEVATION), DATE (10/02/19), SCALE (NTS), DWG # (36-AWS-1908-4), SHEET (1 OF 4), and PREPARED BY/DRAWN BY/ CHECKED BY fields.



NAILING FLANGE & BRICKMOULD INSTALLATION



FRAME SCREW INSTALLATION



MASONRY ANCHOR INSTALLATION

ANCHOR SCHEDULE					
INSTALLATION METHOD	SUBSTRATE	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
MASONRY STRAP 20 GAUGE STEEL MIN. FY=33KSI	WOOD: SPRUCE-PINE-FIR OR SIMILAR S.G.=0.42	#8 WOOD SCREW PAN HEAD	1.50"	0.75"	4" FROM CORNER 10.86 ON CENTER
	METAL: 18 GAUGE STEEL MIN. FY=33KSI	#8 TEK SCREW	3 PITCHES THREADS	0.50"	4" FROM CORNER 10.86 ON CENTER
NAIL FIN ALUMINUM 6063-T5 0.05 THICKNESS MIN. FY= 10 KSI	WOOD: SPRUCE-PINE-FIR OR SIMILAR S.G.=0.42	#8 WOOD SCREW PAN HEAD	1.50"	0.75"	4" FROM CORNER 10.86 ON CENTER
	METAL: 16 GAUGE STEEL MIN. FY=33KSI	#8 TEK SCREW	3 PITCHES THREADS	0.50"	4" FROM CORNER 10.86 ON CENTER
THROUGH FRAME SPRUCE-PINE-FIR MIN. SG=0.42	WOOD: SPRUCE-PINE-FIR OR SIMILAR S.G.=0.42	#10 WOOD SCREW PAN HEAD	1.50"	0.75"	4" FROM CORNER 10.86 ON CENTER
	METAL: 16 GAUGE STEEL MIN. FY=33KSI	#10 TEK SCREW	3 PITCHES THREADS	0.50"	4" FROM CORNER 10.86 ON CENTER
	CONCRETE: MIN. F'C= 3000PSI	3/16" ITW TAPCONS	1.25"	2.25"	4" FROM CORNER 10.86 ON CENTER
	MASONRY: CMU PER ASTM C90 MIN. 2000PSI	3/16" ITW TAPCONS	1.25"	2.25"	4" FROM CORNER 10.86 ON CENTER

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USE FOR PRODUCT INSTALLATION
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm \frac{1}{2}$ " OF THE DEPICTED LOCATION DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCE). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT
- SHIMS ARE REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM STACK TO BE $\frac{3}{8}$ ". SHIM WHERE SPACE OF $\frac{1}{16}$ " OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING:
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK
- 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.



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REVISIONS

	By	Date	Description	Rev	A	B	C
	NUS	08/03/20	2020 FBC UPDATE	A			
	FB	10/23/23	2023 FBC UPDATE	B			
	LS	06/29/26	2026 FBC UPDATE	C			

TITLE:

METAL CLAD 36PS
NON IMPACT
INSTALLATION
ELEVATION

PREPARED BY:

DATE:

10/02/19

DRAWN BY:

JC

SCALE:

NTS

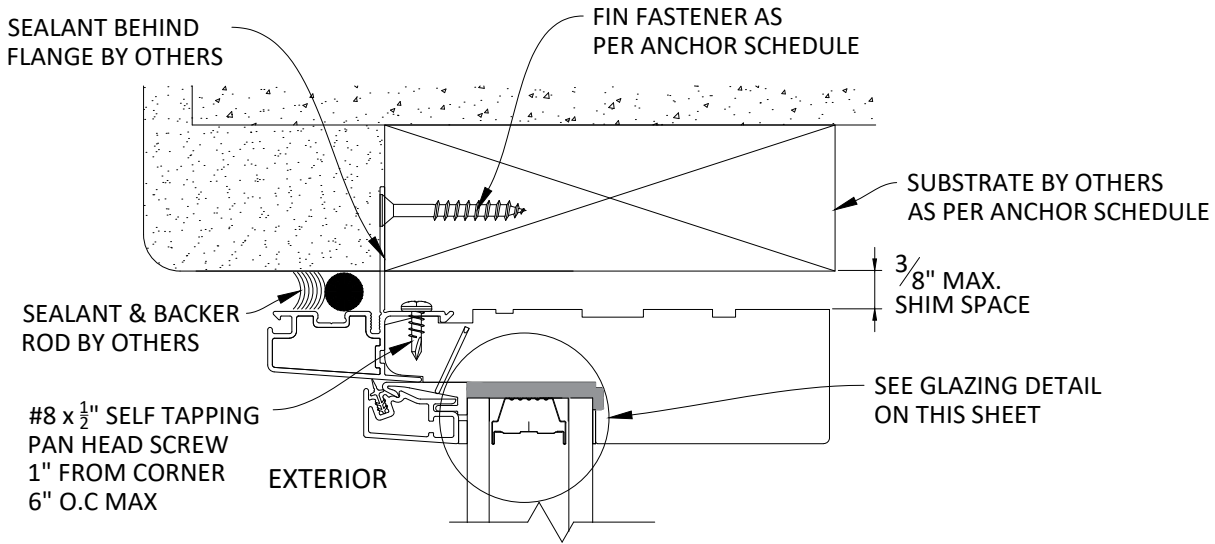
CHECKED BY:

DWG #

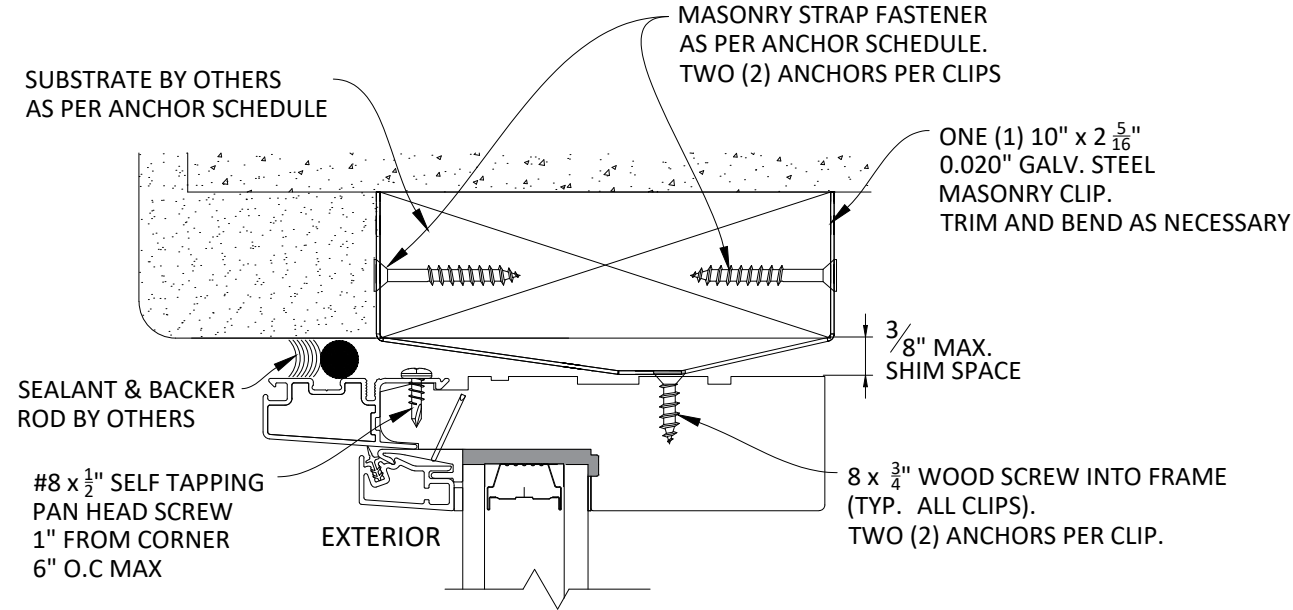
36-AWS-1908-4

SHEET:

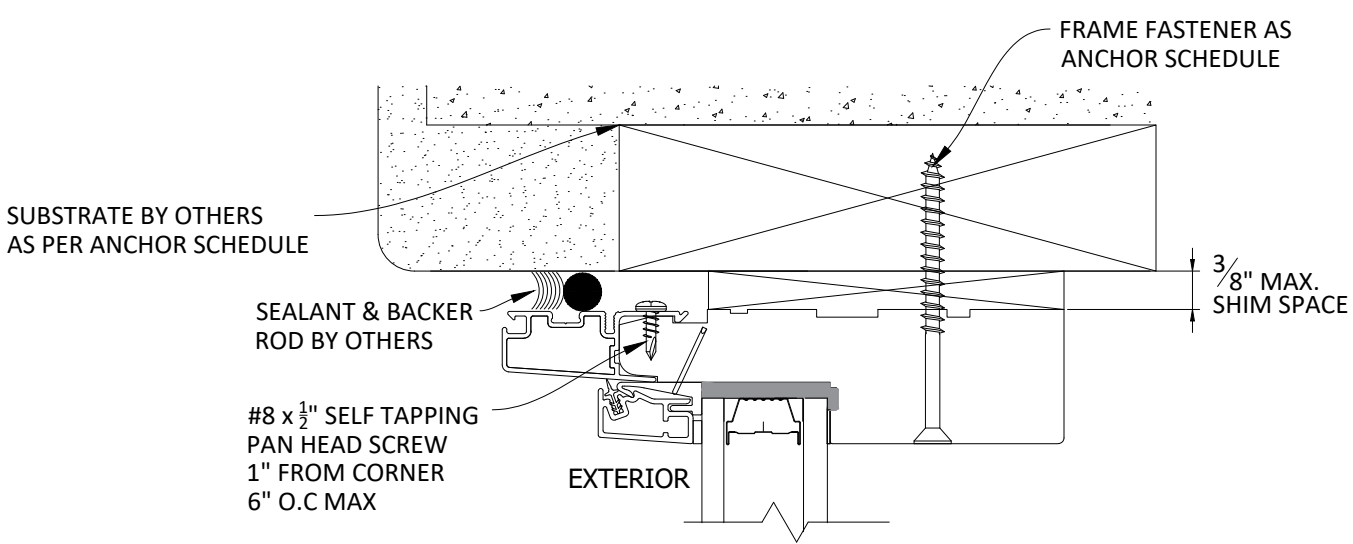
2 OF 4



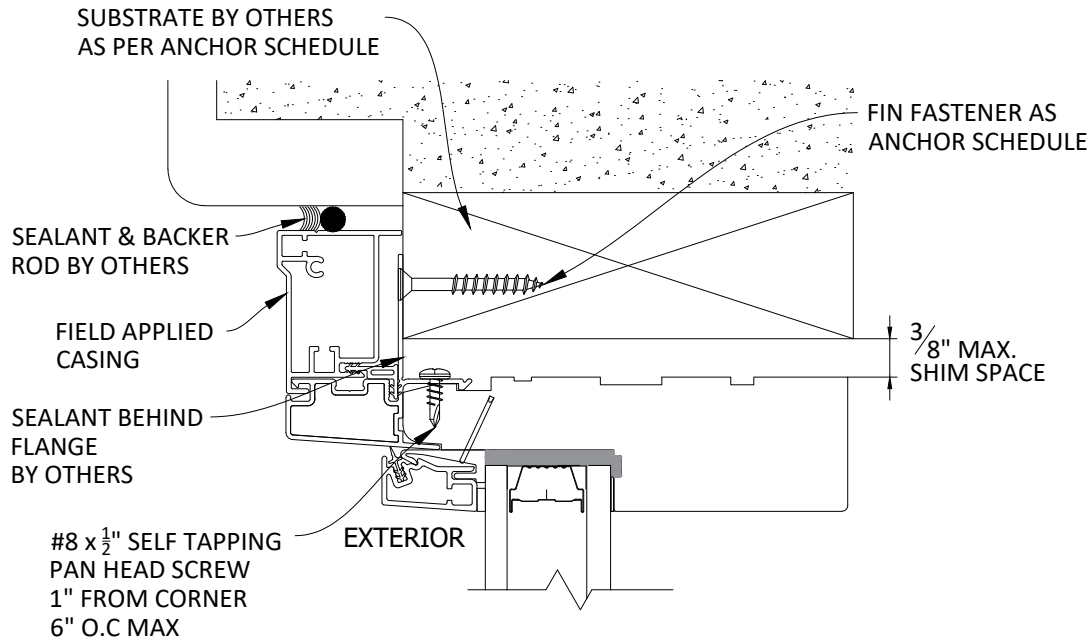
A 1
NAILING FIN INSTALLATION
HEAD SECTIONS SHOWN, JAMB AND SILL SECTION IDENTICAL



A 3
MASONRY STRAP INSTALLATION
HEAD SECTIONS SHOWN, JAMB AND SILL SECTION IDENTICAL



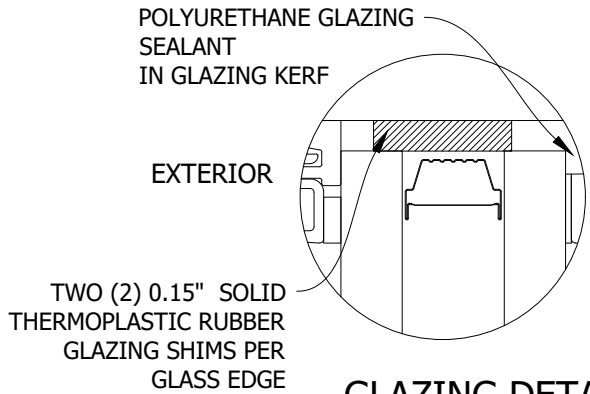
A 2
FRAME SCREW INSTALLATION
HEAD SECTIONS SHOWN, JAMB AND SILL SECTION IDENTICAL



A 4
NAILING FIN INSTALLATION WITH SITE APPLIED BRICKMOULD
HEAD SECTIONS SHOWN, JAMB AND SILL SECTION IDENTICAL

NOTES

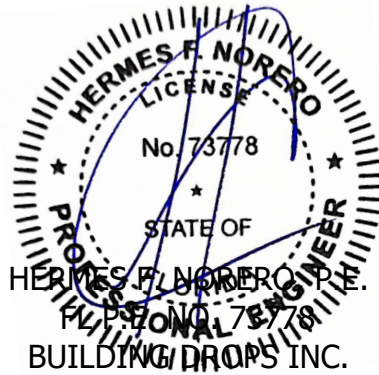
1. TESTED CONDITION: TRIPLE FRAME WITH DUAL PANE IG
2. DOUBLE FRAME QUALIFIED BY TRIPLE FRAME
3. TRIPLE IG QUALIFIED BY DOUBLE PROVIDED
ASTM E1300 STANDARD IS SATISFIED
4. ASTM E1300 MUST BE SATISFIED IN ALL CONDITIONS
5. HEAD SECTIONS SHOWN, JAMB AND SILL SECTION IDENTICAL.



GLAZING DETAIL



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B	2023 FBC UPDATE	FB	10/23/23
C	2026 FBC UPDATE	LS	06/29/26

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METAL CLAD 36PS
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INSTALLATION
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DATE:
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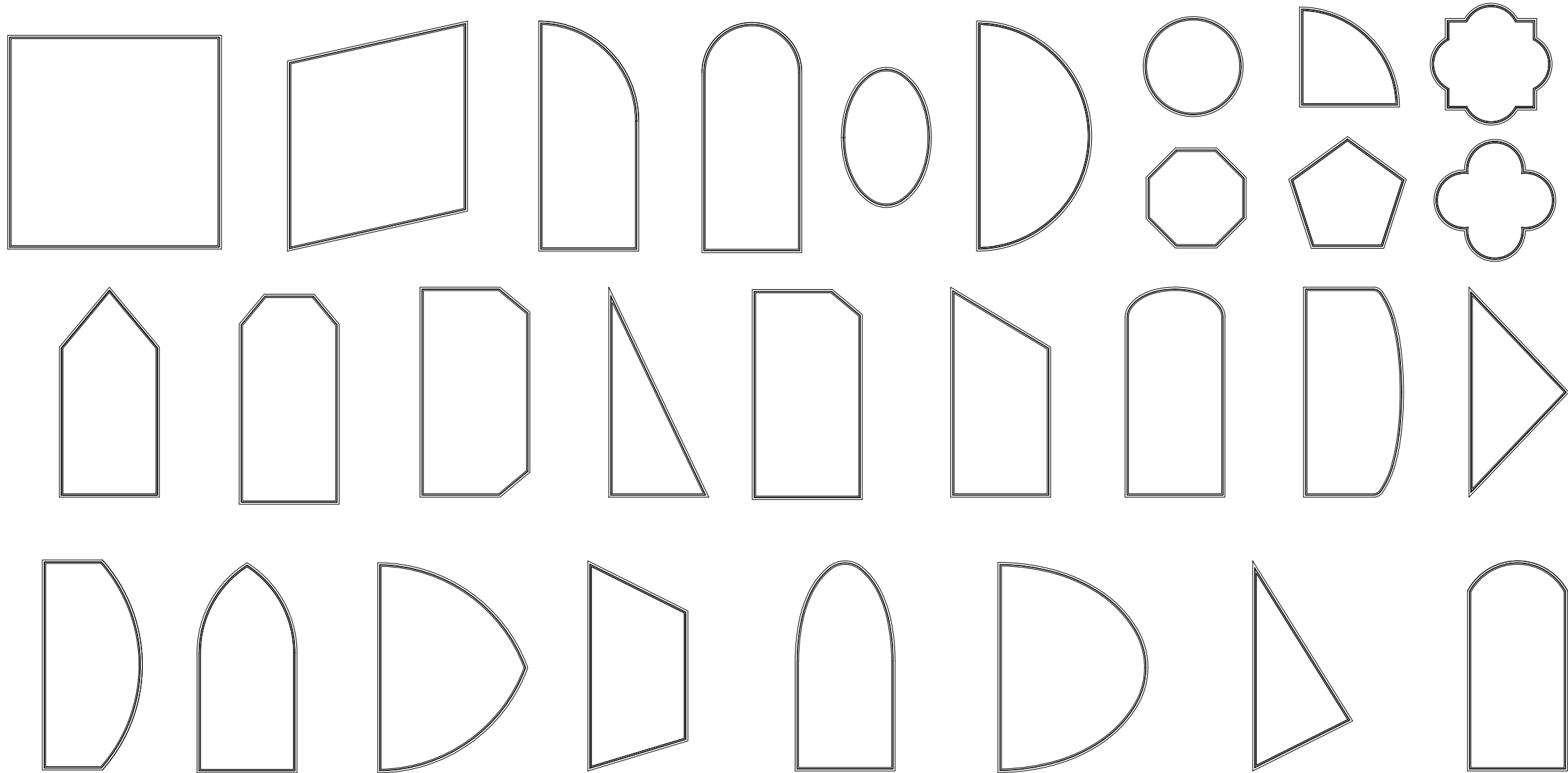
SHEET:
3 OF 4

PREPARED BY:

DRAWN BY:
JC

CHECKED BY:

APPROVED SHAPES



NOTES

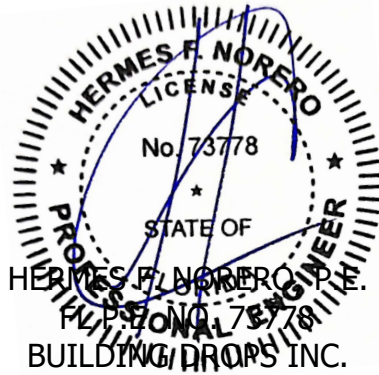
- 1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN AND HAVE CORNER CONSTRUCTION AS DESCRIBED ON THIS SHEET
- 2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS AND BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.

CORNER/SEAM CONSTRUCTION

- 1. ALL CORNERS ARE MITRED, SEALED WITH POLYURETHANE SEALANT AND FASTENED WITH A MINIMUM OF TWO (2) #8 BY 2" SCREWS
- 2. FOR PEAKED UNITS, PROTRUDING SCREW IS TRIMMED FLUSH TO THE EXTERIOR OF THE UNIT



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TITLE:	METAL CLAD 36PS NON IMPACT INSTALLATION ELEVATION	PREPARED BY:
DATE:	10/02/19	DRAWN BY: JC
SCALE:	NTS	CHECKED BY:
DWG #	36-AWS-1908-4	
SHEET:	4 OF 4	