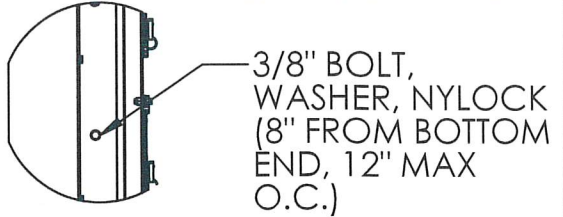
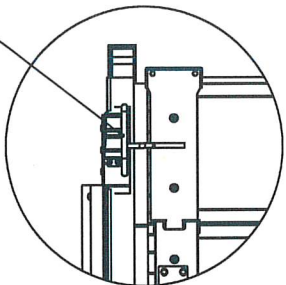


REVISIONS				
REV.	DESCRIPTION	ECN#	DATE	APPROVED
~	INITIAL RELEASE	2516	9/7/2021	
A	ADDED SHEET FOR WINDOW AND PANEL	---	9/21/2021	

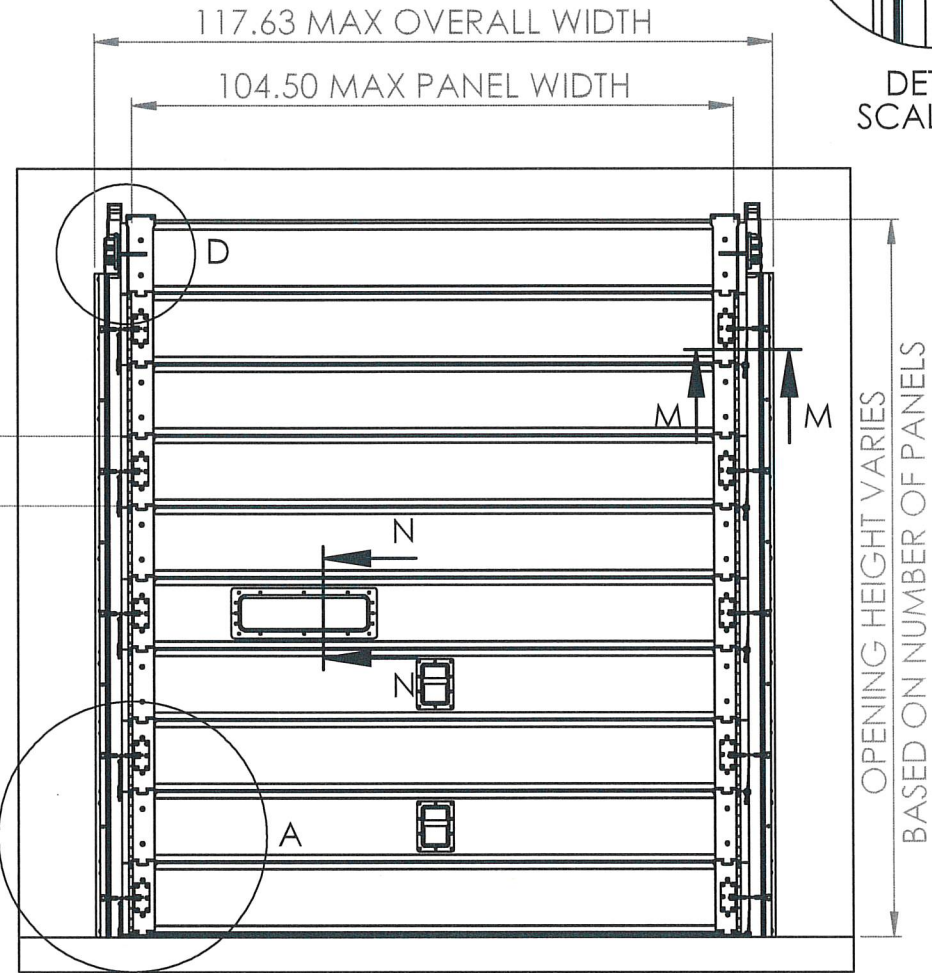


DETAIL C
SCALE 1 : 16

SPRING HOLD DOWN CLIP

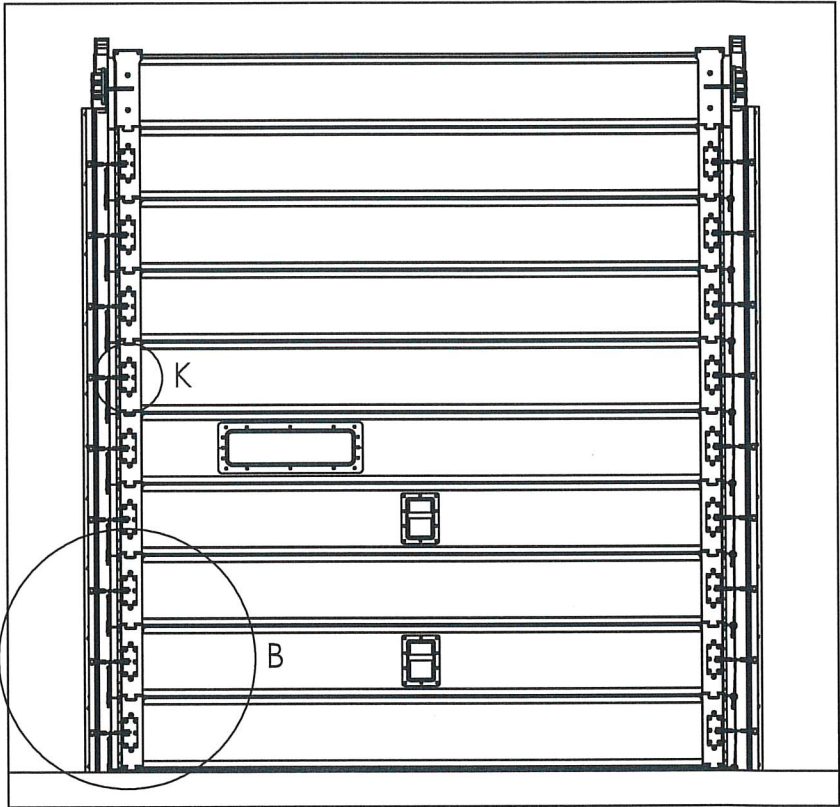


DETAIL D
SCALE 1 : 16



DR9300 - MXV LIGHT WINDLOAD PACKAGE
WINDLOAD LOCKS ON ALTERNATING PANELS

DESIGN PRESSURE - +/- 45 PSF



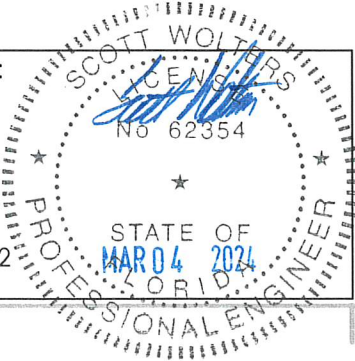
DR9301 - MXV HEAVY WINDLOAD PACKAGE
WINDLOAD LOCKS ON ALL PANELS

DESIGN PRESSURE - +/- 67.5 PSF

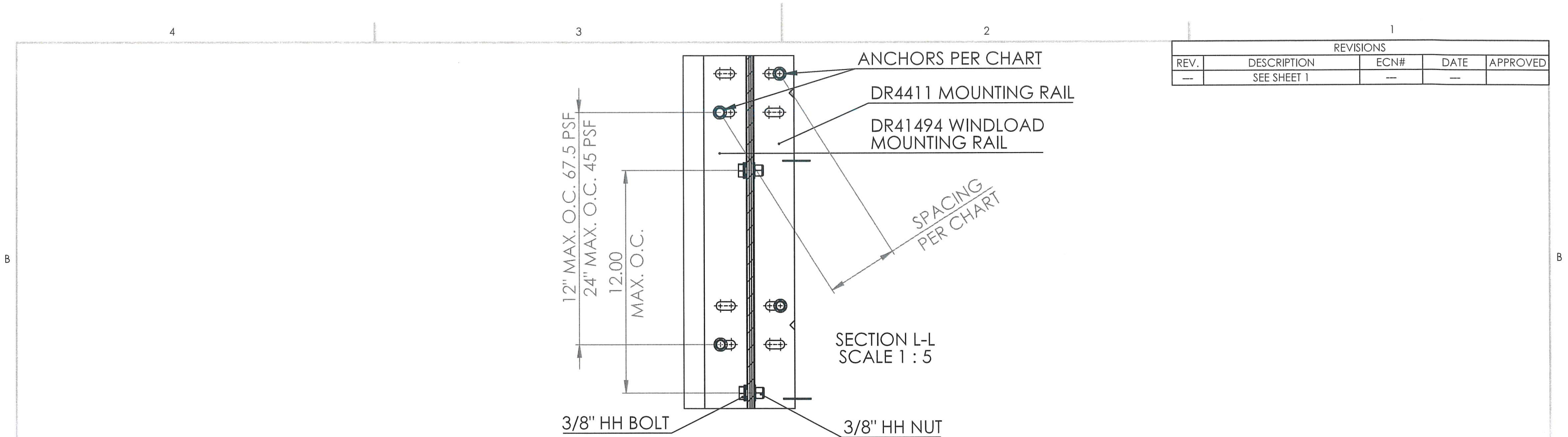
GENERAL NOTES:
1. THIS DOOR SYSTEM HAS BEEN DESIGNED AND TESTED TO ANSI/DASMA 108-2017 IN ACCORDANCE WITH THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE FOR USE OUTSIDE OF THE HIGH VELOCITY HURRICANE ZONE.
2. THIS DOOR SYSTEM HAS NOT BEEN TESTED FOR IMPACT RESISTANCE. AN IMPACT RESISTANT SHUTTER SYSTEM REQUIRED IN WINDBORNE DEBRIS REGIONS.
3. STEEL OR MASONRY OPENINGS, WOOD BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS IMPOSED BY THE DOOR SYSTEM TO THE BUILDING STRUCTURE.
4. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.
5. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATED CHEMICALS.
6. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH FBC CHAPTERS 20 AND 23.
7. A WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
8. SUBSTRATES SHALL MEET THE MINIMUM REQUIREMENTS AS SHOWN IN INSTALLATION ANCHOR REQUIREMENTS ON SHEET 2. CONCRETE OR MASONRY SUBSTRATES SHALL NOT BE CRACKED. FOR INSTALLATION TO METAL SUBSTRATES, ANCHORS SHALL BE LONG ENOUGH TO BE FULLY THREADED THROUGH THE METAL THICKNESS WITH AN ADDITIONAL 3/16\"/>

SCOTT WOLTERS
FL PE# 62354

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(COA# 27194)
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(561) 225-1982



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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .02$ THREE PLACE DECIMAL $\pm .005$	DRAWN	K.BEREAN	3/4/2024		TITLE: MXV WINDLOAD APPROVAL DOCUMENT		
	ENG APPR.						
	MFG APPR.						
	MTRL APPR.						
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5	Q.A.						
MATERIAL	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DL MANUFACTURING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DL MANUFACTURING IS PROHIBITED.			SIZE B	DWG. NO. DR9306	REV. A	
FINISH				SCALE: 1:48	CAD GENERATED DRAWING: 9/22/2021 DO NOT MANUALLY UPDATE: 9/22/2021	CAD FILE: Windload Official 5.0	SHEET 1 OF 8
DO NOT SCALE DRAWING							



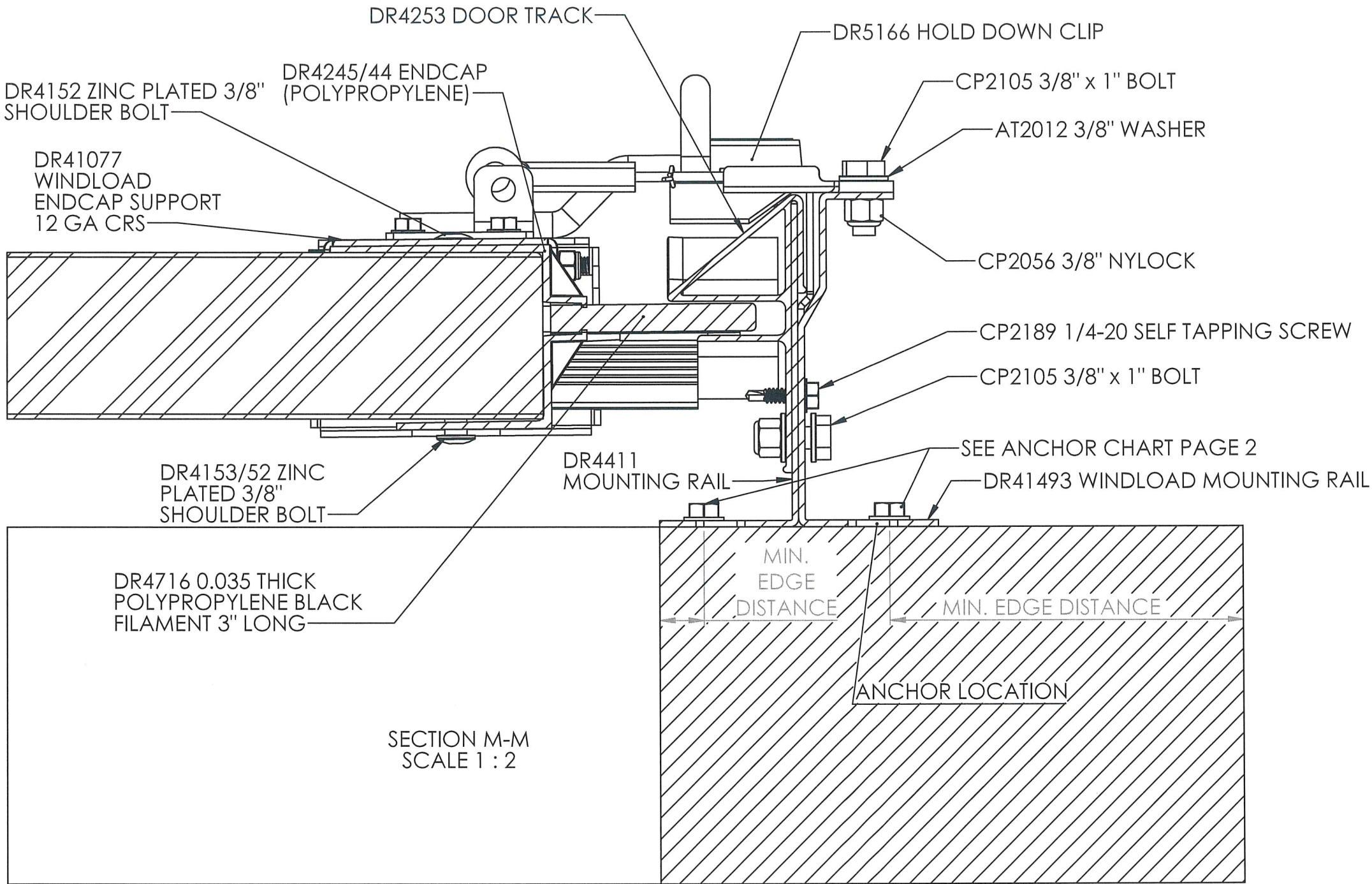
REVISIONS				
REV.	DESCRIPTION	ECN#	DATE	APPROVED
---	SEE SHEET 1	---	---	

ANCHOR SCHEDULE				
BASE MATERIAL	FASTENER TYPE	EMBEDMENT	EDGE DISTANCE (MIN)	SPACING (MIN)
WOOD (S.G. - 0.5 MIN)	3/8" DIA HH LAG SCREW (SAE GR. 2 MIN)	1-1/2"	1-1/2"	3"
STEEL (A36 - 1/8" MIN)	5/16" DIA, TEKS- TYPE THREAD FORMING SCREW (SAE GR. 5 MIN)	FULL	1"	1-1/2"
CONCRETE (3000 PSI MIN)	3/8" DEWALT SCREWBOLT OR 3/8" HILTI KWIK HUS EZ	2-1/2"	2-1/2"	4-1/2"
CMU (ASTM C90 MIN)	3/8" DEWALT POWER - STUD SD1 OR 3/8" DIA HILTI KWIK BOLT 3	2-1/2"	4"	4-1/2"

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	ENG APPR.					
	MFG APPR.					
	MTRL APPR.					
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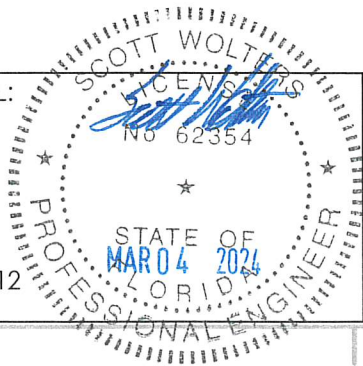
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REV.	DESCRIPTION	ECN#	DATE	APPROVED
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ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$
TWO PLACE DECIMAL: $\pm .02$
THREE PLACE DECIMAL: $\pm .005$

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5

MATERIAL

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DATE
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DRAWN
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MFG APPR.
MTRL APPR.

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TITLE:

**MXV WINDLOAD APPROVAL
DOCUMENT**

SIZE
B

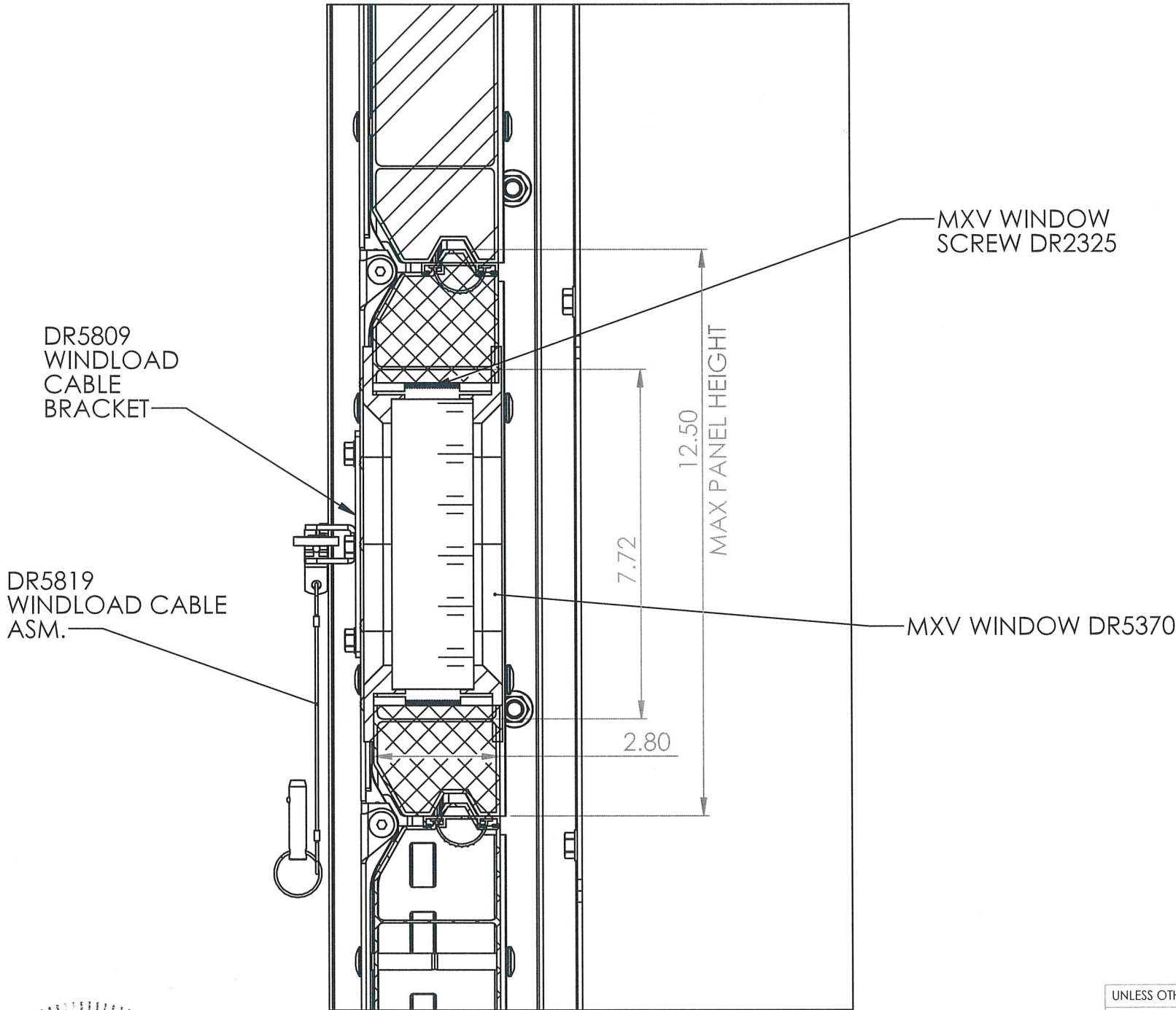
DWG. NO.
DR9306

REV.
A

SCALE: 1:48
CADD GENERATED DRAWING: 9/22/2021
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CADD FILE: Windload Official 5.0

SHEET 3 OF 8

REVISIONS				
REV.	DESCRIPTION	ECN#	DATE	APPROVED
—	SEE SHEET 1	—	—	



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SECTION N-N
SCALE 1:3

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TOLERANCES:		ENG APPR.		
FRACTIONAL: $\pm 1/32$		MFG APPR.		
ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$		MTRL APPR.		
TWO PLACE DECIMAL $\pm .02$				TITLE: MXV WINDLOAD APPROVAL DOCUMENT
THREE PLACE DECIMAL $\pm .005$				
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5		Q.A.		
MATERIAL		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DL MANUFACTURING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DL MANUFACTURING IS PROHIBITED.		SIZE B
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		SCALE: 1:48 CAD GENERATED DRAWING: 9/22/2021 DO NOT MANUALLY UPDATE		SHEET 4 OF 8

4

3

2

1

REVISIONS				
REV.	DESCRIPTION	ECN#	DATE	APPROVED
---	SEE SHEET 1	---	---	

DR5630 TOP WINDLOAD
ENDCAP BRACE LEFT

9X DR41076 ENDCAP SUPPORT RIGHT
9X DR41077 ENDCAP SUPPORT LEFT

DR5631 TOP WINDLOAD
ENDCAP BRACE RIGHT

DR41493 WINDLOAD
MOUNTING RAIL

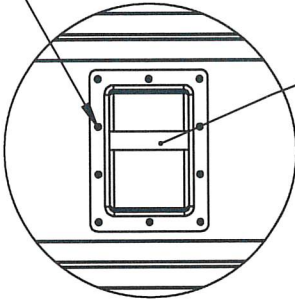
DR41494 WINDLOAD MOUNTING RAIL

DR5370
RECTANGULAR VISION
PANEL

DR5809
WINDLOAD CABLE
BRACKET

DR5819
WINDLOAD
CABLE ASM.

DR2043 10X 10-24 x 3/4" SCREW
W/ DR2097 10-24 RIVNUT



HANDLE

DETAIL E
SCALE 1 : 10

AC

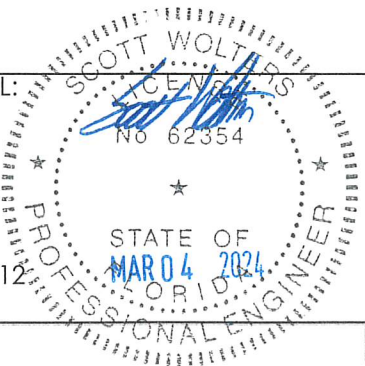
E

SEE DR5370 DRAWING

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DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: 1/32
ANGULAR: MACH ±1° BEND ±1°
TWO PLACE DECIMAL ±.02
THREE PLACE DECIMAL ±.005

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5

MATERIAL

FINISH

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DRAWN

ENG APPR.

MFG APPR.

MTRL APPR.

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A

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SHEET 5 OF 8

4

3

2

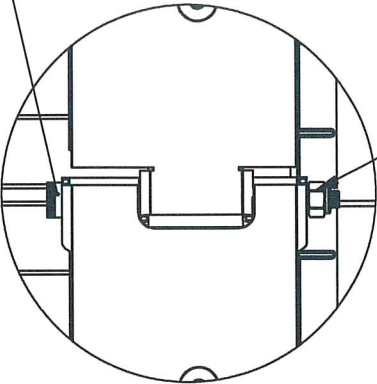
1

REVISIONS				
REV.	DESCRIPTION	ECN#	DATE	APPROVED
---	SEE SHEET 1	---	---	

DR2144 3/8"X4" SHOULDER BOLT

CP2105 3/8"X1" BOLT WITH
AT2012 3/8" WASHER AND
CP2056 3/8" NYLOCK NUT

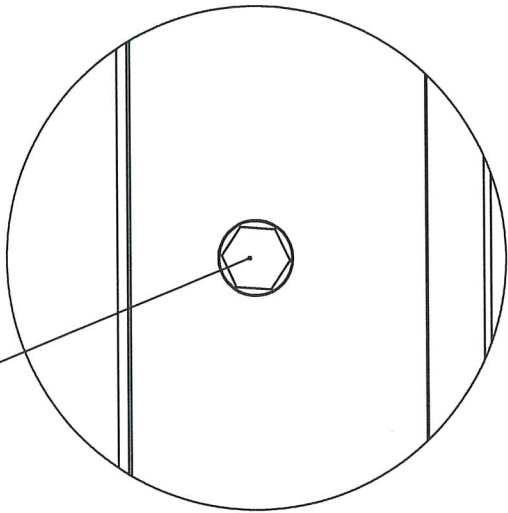
3X CP2189 1/4-20 THREAD
FORMING SCREW



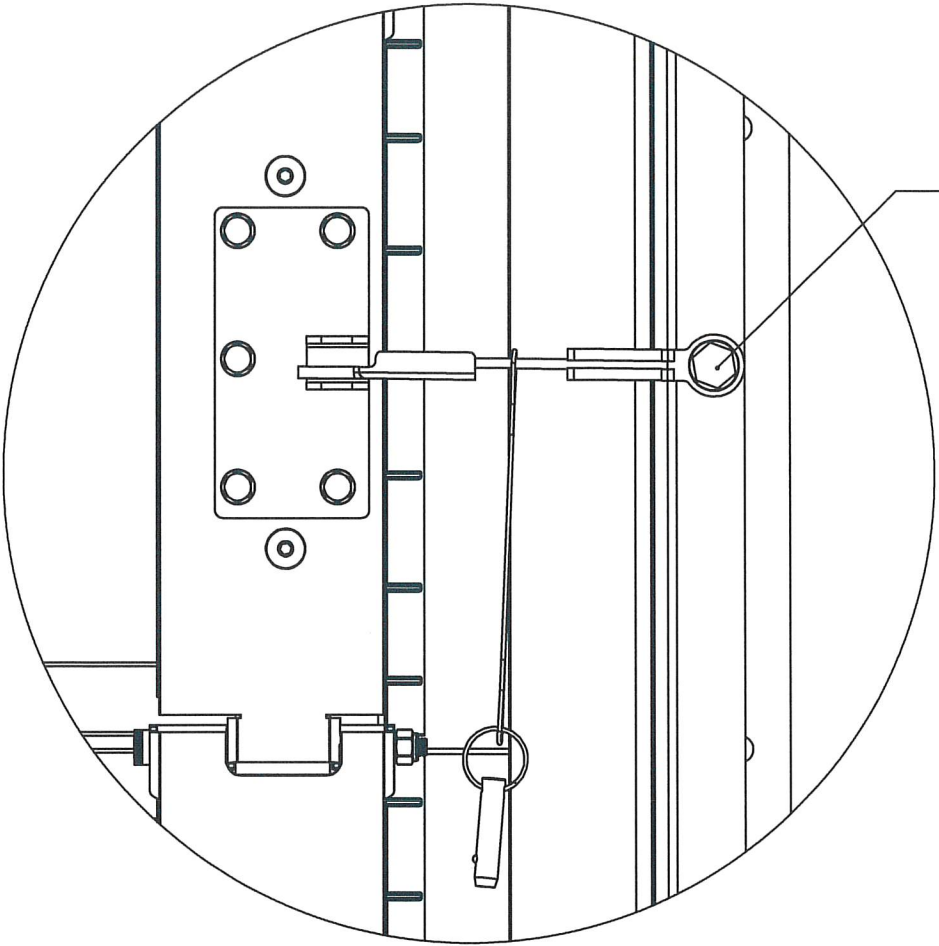
DETAIL W
SCALE 1 : 3

CP2105 3/8"X1" BOLT WITH
AT2012 3/8" WASHER AND
CP2056 3/8" NYLOCK NUT
(12" MAX O.C.)

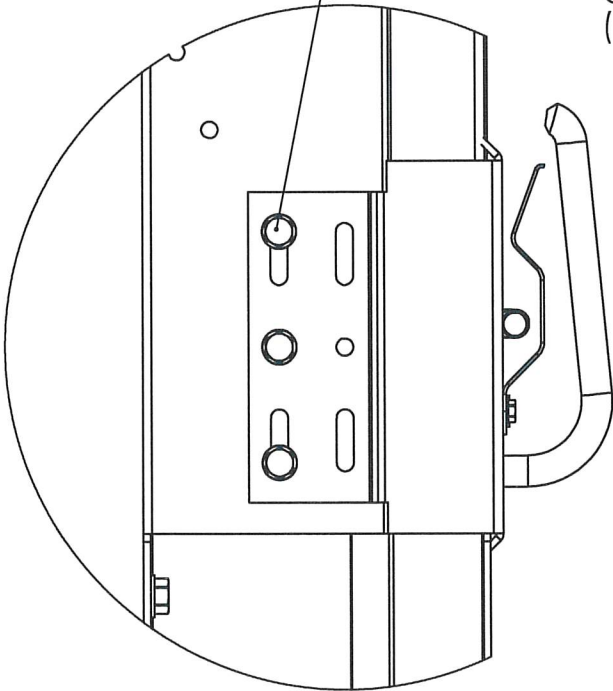
CP2091 (5/16-18 NYLOCK NUT)



DETAIL Y
SCALE 1 : 2



DETAIL AC
SCALE 1 : 3



DETAIL AA
SCALE 1 : 3

SCOTT WOLTERS

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TOLERANCES:

FRACTIONAL $\pm 1/32$

ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$

TWO PLACE DECIMAL $\pm .02$

THREE PLACE DECIMAL $\pm .005$

INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5

MATERIAL

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MFG APPR.

MTRL APPR.

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TITLE:

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SIZE

DWG. NO.

REV.

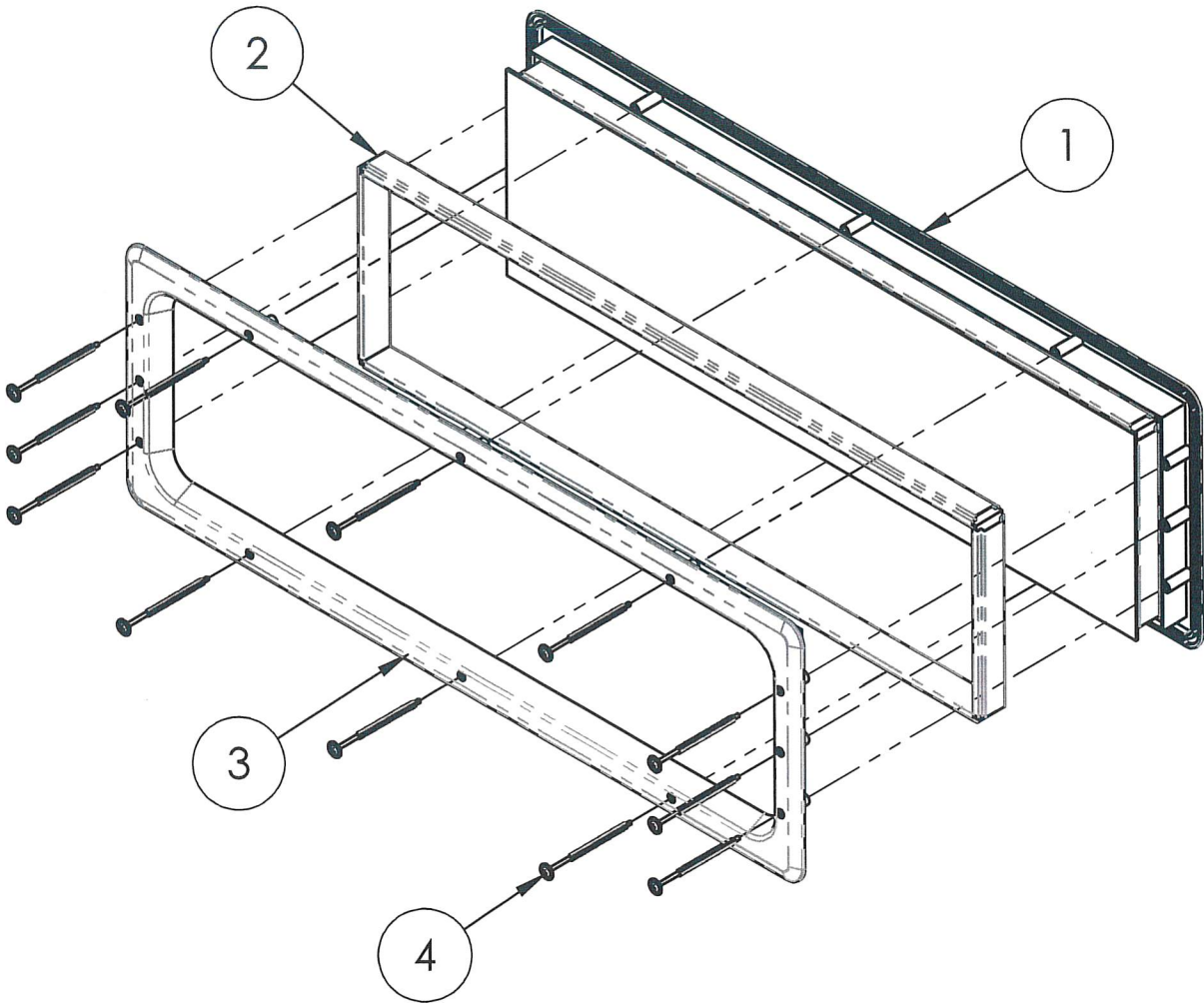
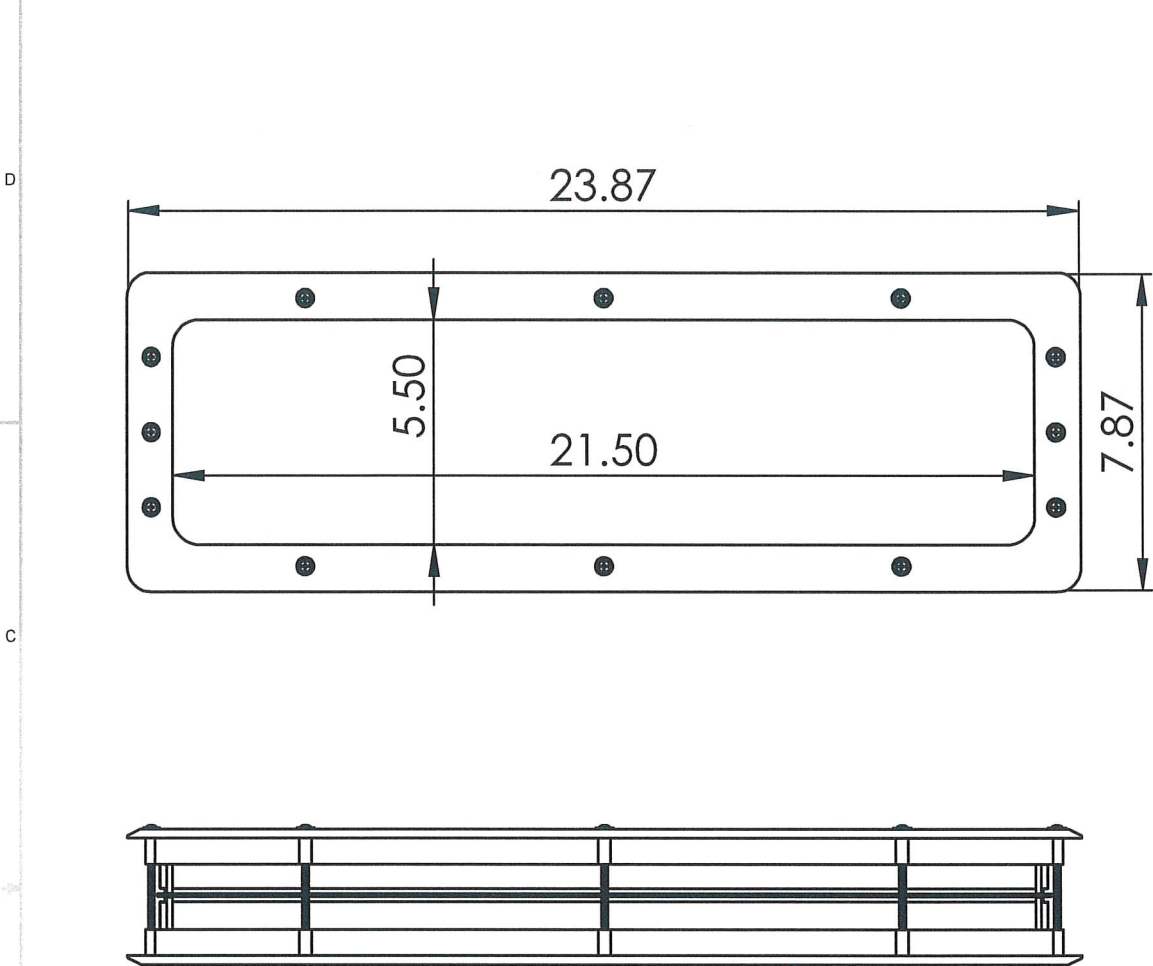
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SHEET 6 OF 8

REVISIONS				
REV.	DESCRIPTION	ECN#	DATE	APPROVED
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	~	OUTSIDE TRIM PIECE, SEALED PLEXI	1
2	~	2-3/4" SHIM PACK	1
3	DR5038-PTS	PORTHOLE LIGHT PACKAGE	1
4	DR5370-3	ROUND WASHER HEAD PHILLIPS SCREW	12

NOTES:

1. MANUFACTURER: ELTON MANUFACTURING.
2. PART NO.: 0824BBS234SP.
3. COLOR: BLACK.
4. CUT OUT SIZE: 7-1/8" X 23-1/8".

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STATE OF FLORIDA
MAR 04 2024
No 62354

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DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± 1/32 .XX ± .02 ± 1°
.XXX ± .005

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APPROVALS DATE
DRAWN K.BEREAN 9/21/2021
CHECKED
RESP ENG
MFG ENG
QUAL ENG 9/22/2021

DL MFG
340 Gateway Park Drive
North Syracuse, NY 13212
Phone (315) 463-7348
Fax (315) 463-8559

MxV WINDLOAD APPROVAL
DOCUMENT

SIZE DWG. NO. REV.
A DR9306 A

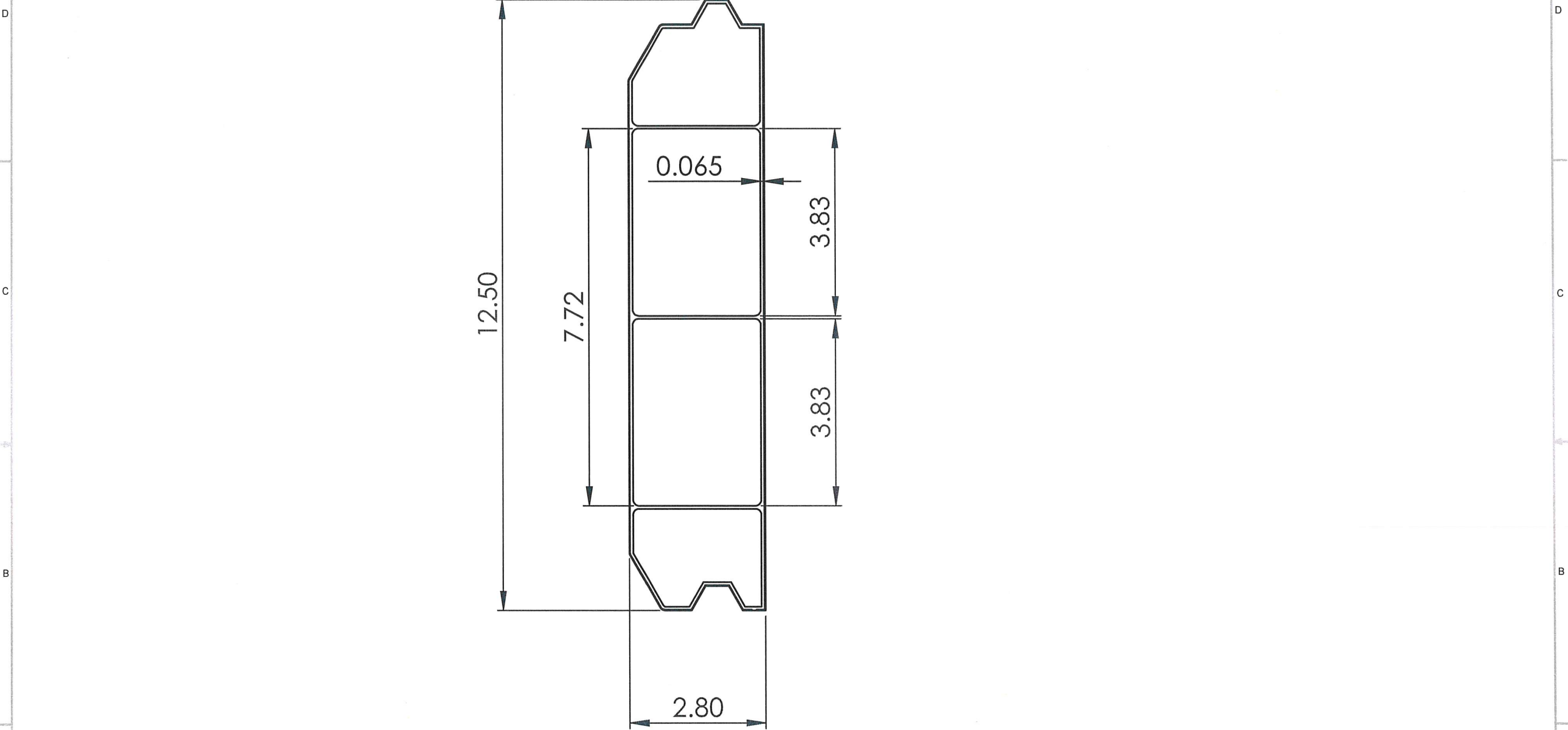
SCALE: 1:6 CAD FILE: SHEET 7 OF 8

7 6 5 4 3 2 1

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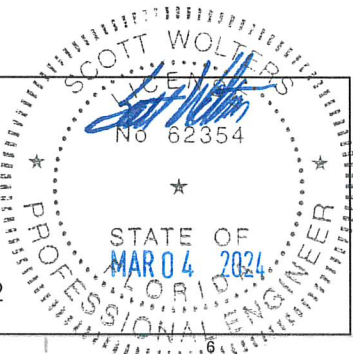


PVC PANEL

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FINISH *SEE NOTES*			DRAWN K.BEREAN	9/21/2021		
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			RESP ENG			
			MFG ENG		SIZE DWG. NO.	A
			QUAL ENG		A DR9306	
			SCALE: 1:8 CAD FILE:		SHEET 8 OF 8	