

PICTURE WINDOW - NON-IMPACT

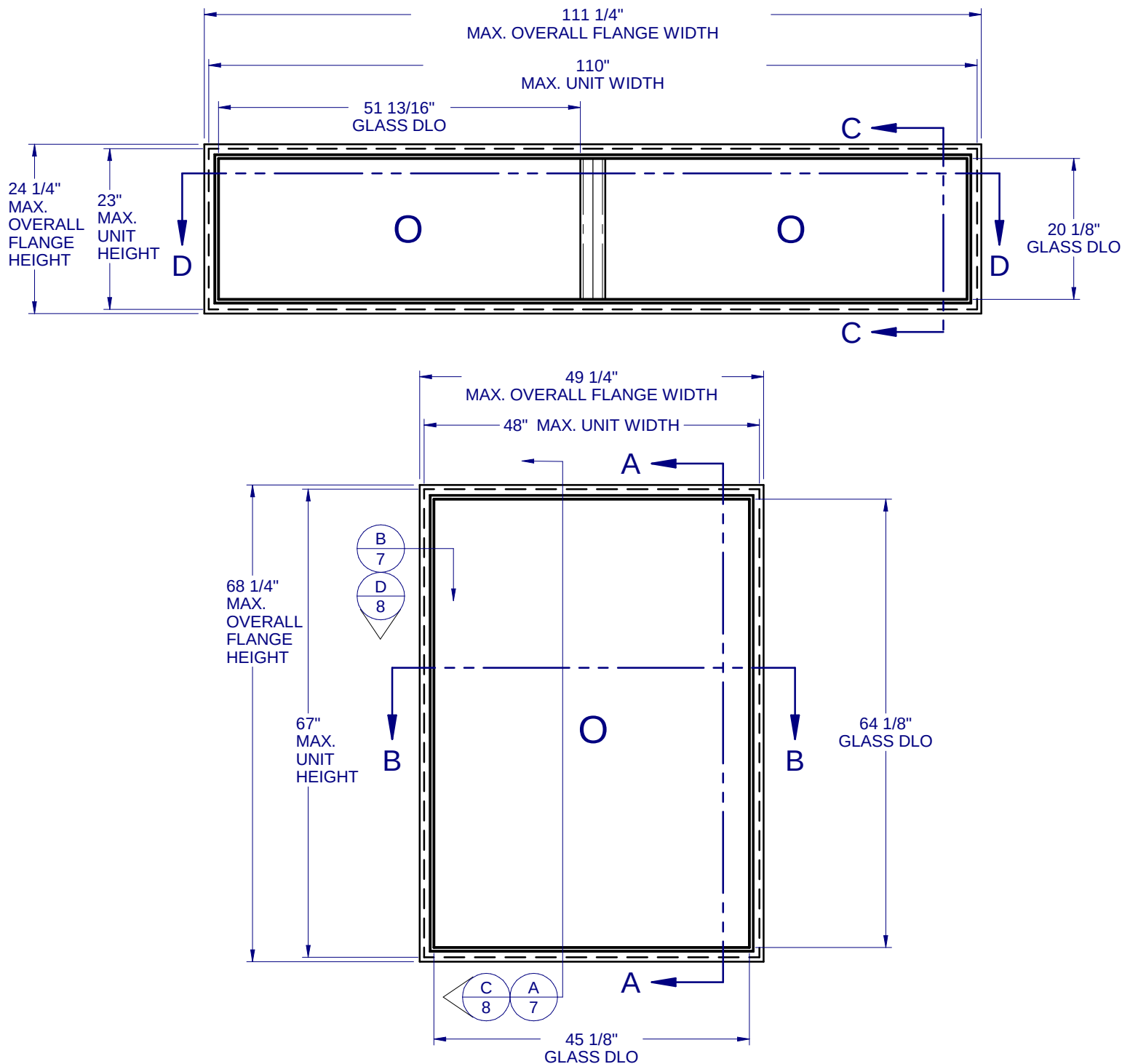


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CONFIG.	MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
O	48" x 67"	+/- 30 PSF	NONE
O / O	110" x 23"	+/- 30 PSF	NONE

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION.
2. GLAZING OPTIONS: (SEE SHEET 2)
3. CONFIGURATIONS: "O", "O/O".
4. DESIGN PRESSURE RATING:
-NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
-POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 7-8 FOR INSTALLATION DETAILS.
6. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
7. ALL RECTANGULAR FRAMES SCREWED TOGETHER. JOINTS WITH ANGLES GREATER THAN 105 DEGREES OR LESS THAN 75 DEGREES ARE WELDED TOGETHER. SMALL JOINT SEAM SEALANT USED AT ALL JOINTS.
8. SERIES / MODEL DESIGNATION PW-4000.
9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:
O = FIXED SASH.
10. SECTION CALLOUTS FROM ELEVATIONS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
11. PICTURE WINDOWS CAN BE INSTALLED IN ANY ORIENTATION.

Lucas Turner
2023.09.14
15:41:58
-05'00'



1900 SW 44TH AVE.
OCALA, FLORIDA 34474
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4000 ALUM.
PICTURE WINDOW
NON-IMPACT

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16779



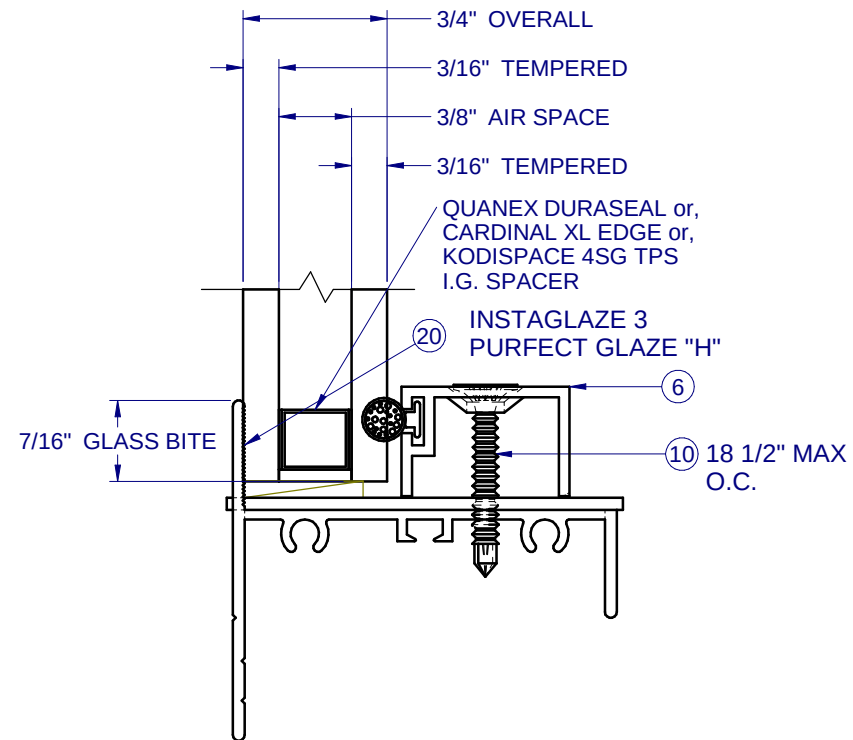
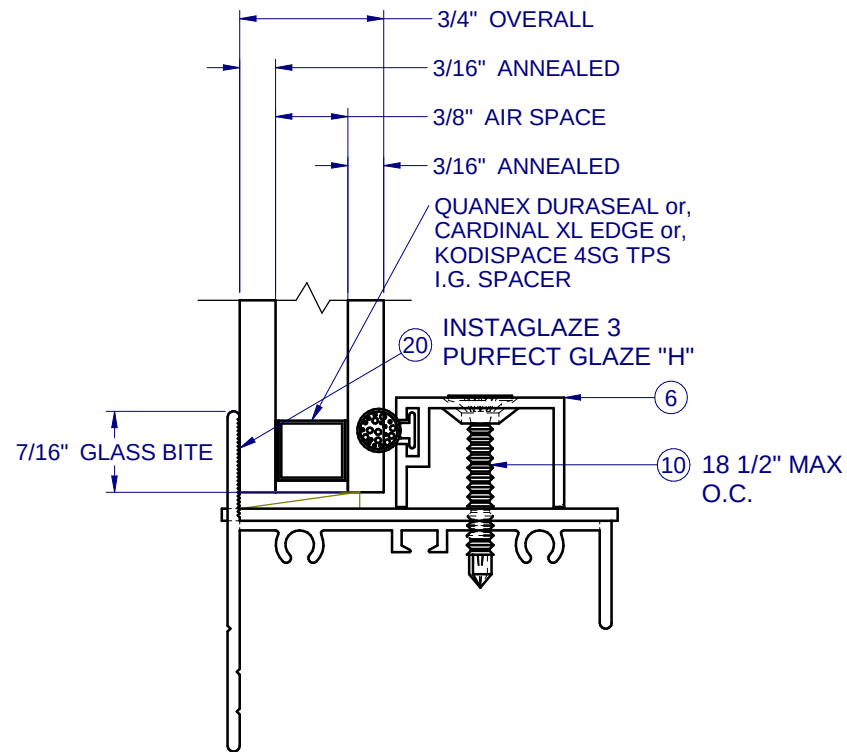
9/14/2023

LUCAS A. TURNER, P.E.
FL PE # 58201
Turner Engineering &
Consulting, Inc.
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

GENERAL NOTES AND
ELEVATIONS

DRAWN BY:	DATE:
MCS	9/7/2023
DWG #:	REV.:
CWS-881	C
SCALE:	SHEET
1:20	1 OF 8



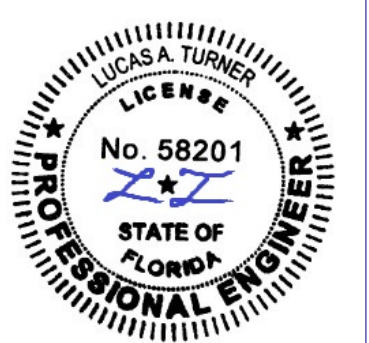
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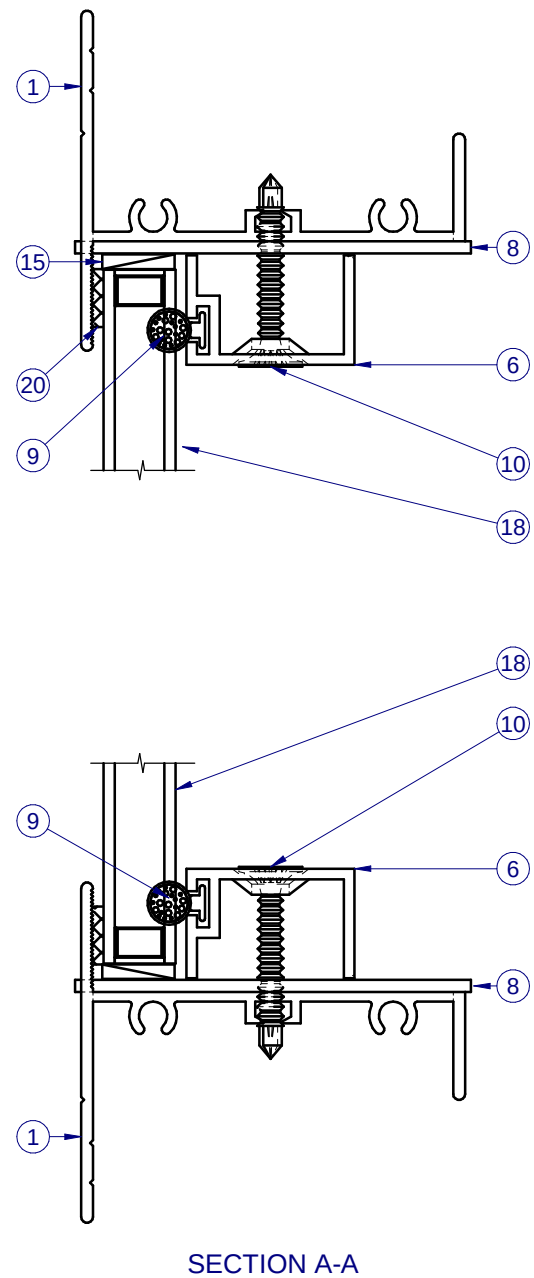
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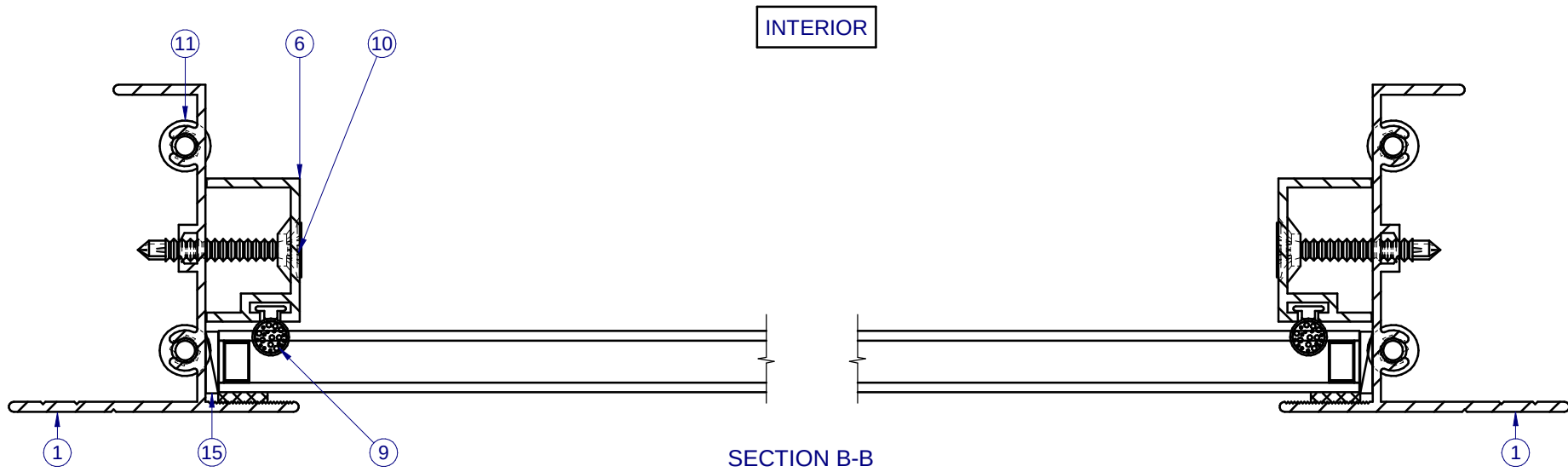
SHEET DESCRIPTION:

GLAZING DETAILS

DRAWN BY:	DATE:
MCS	9/7/2023
DWG #:	REV.:
CWS-881	C
SCALE:	SHEET
1:1	2 OF 8



INTERIOR



INTERIOR

ITEMS NOT SHOWN FOR CLARITY:
12-14, 16, 17



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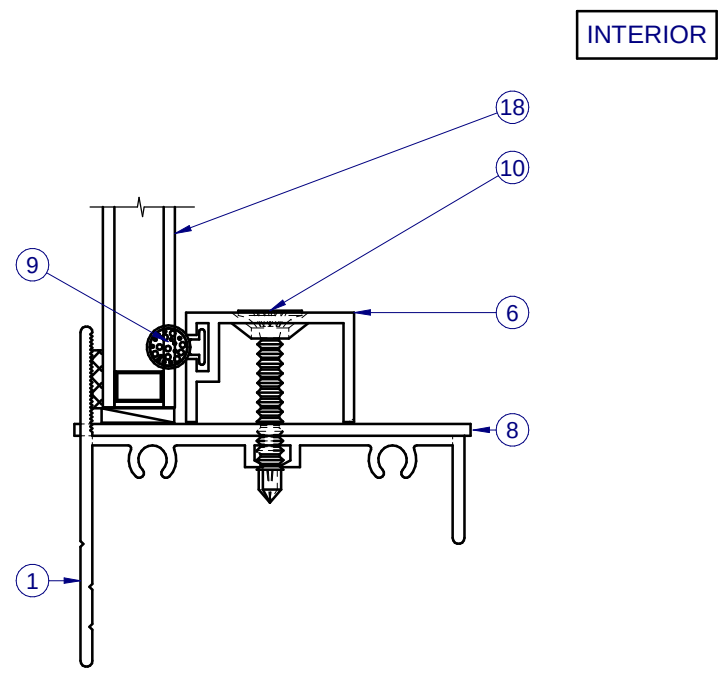
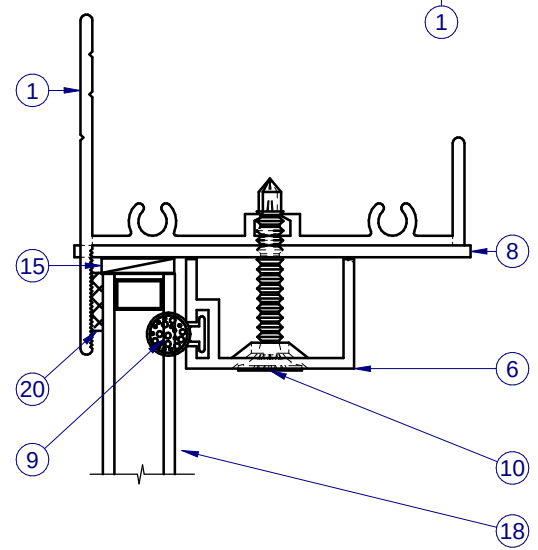
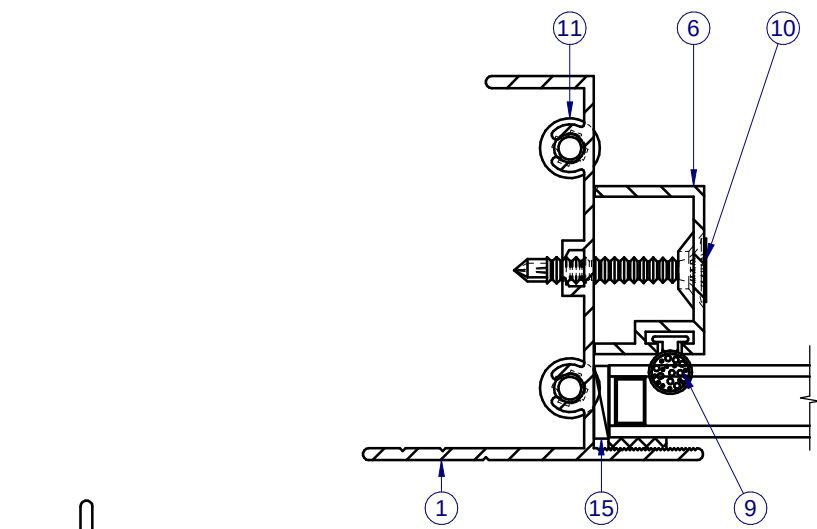
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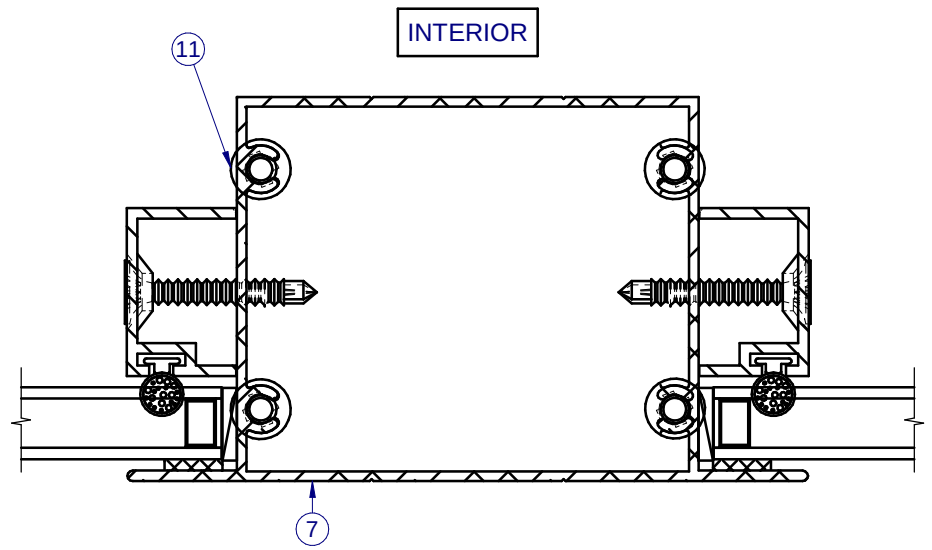
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**SECTION VIEWS
O**

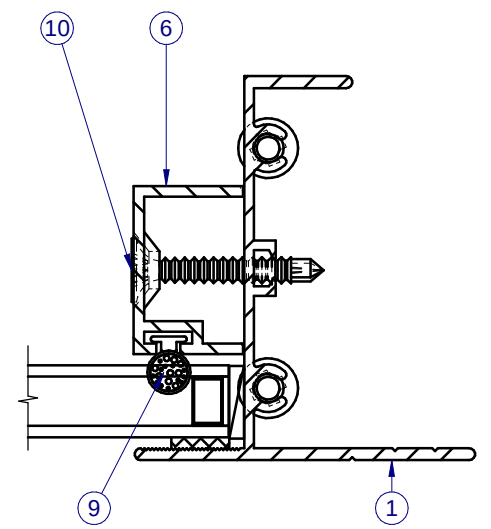
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MCS	9/7/2023
DWG #:	REV.:
CWS-881	C
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1:1	3 OF 8



SECTION VIEW C-C



SECTION VIEW D-D



ITEMS NOT SHOWN FOR CLARITY:
12-14, 16, 17



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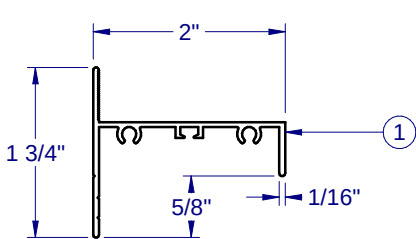
SHEET DESCRIPTION:
**SECTION VIEWS
O/O**

DRAWN BY: MCS	DATE: 9/7/2023
DWG #: CWS-881	REV.: C
SCALE: 1:1	SHEET 4 OF 8

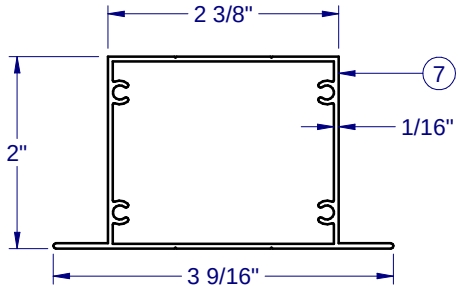
PARTS LIST			
ITEM	PART #	DESCRIPTION	MATERIAL
1	S-1183	Frame, PW, Main	Alum
6	S-1112	Glz. Bd., Aluminum, Horiz.	Alum
7	H-1424	Fake Mull	Alum
8	P-3006	4000 Jamb Gasket	
9	P-3018	FOAM FILLED BULB, .300 HIGH	
10	P-3587	#8 x 1" Bugle Head Phillips TEK Self-Drilling Type A, Screw	Steel
11	P-4144	#8 x 1.000 w/ 1/4" lead Quad Type A SMS	Steel
13	S-1465	Anchor Clip	ALUM
15	P-3352	Set. Blk., 85 Dur., 1/8" x 5/8" x 2" Lg.	
18		Glass, Fixed	
20		SikaFlex 552, Purfect Glaze "H"	
21	S-2020	Anchor Clip	Alum

LINE ITEMS NOT USED:
5, 12, 14, 16-17, 19

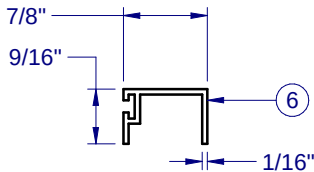
NOTE: ALUMINUM PROFILES ARE 6063-T6 UNLES OTHERWISE NOTED.



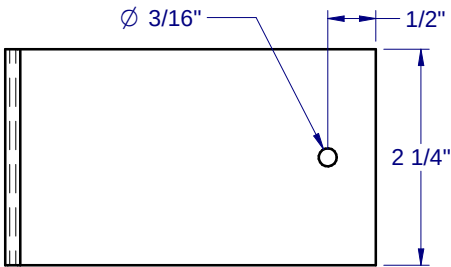
FRAME FLANGE - S-1183



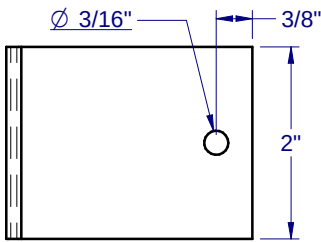
FAKE MULL - H - 1424



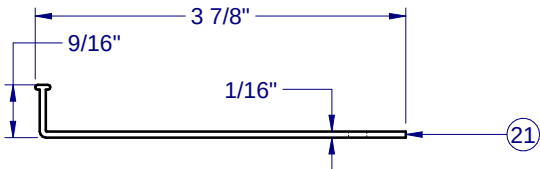
GLAZING BEAD - S-1112



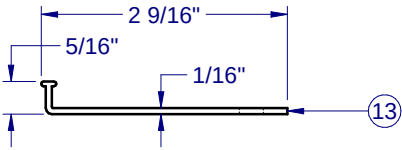
PLAN VIEW - S-2020



PLAN VIEW - S-1465

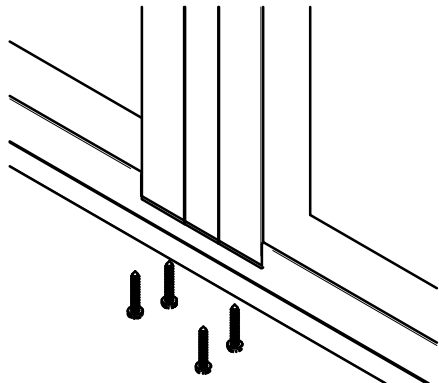


INSTALLATION CLIP - S-2020 [6063-T52]

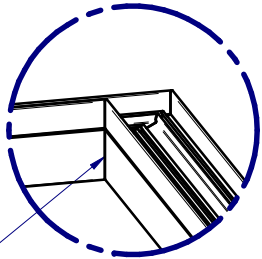


INSTALLATION CLIP - S-1465

FAKE MULL CONSTRUCTION

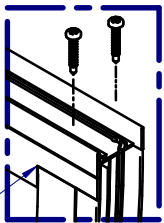


FRAME CORNER CONSTRUCTION



CORNER WELD (ALL ANGLES
GREATER THAN 105° OR LESS
THAN 75°)

FRAME PROCESSED
CONSTRUCTION



CORNERS 75° TO 105°
PROCESSED AND SCREWED
TOGETHER.



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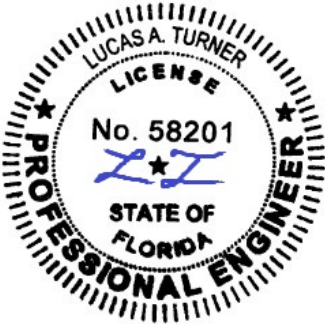
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SHEET DESCRIPTION:

BOM AND EXTRUSIONS

DRAWN BY:

MCS

DATE:

9/7/2023

DWG #:

CWS-881

REV.:

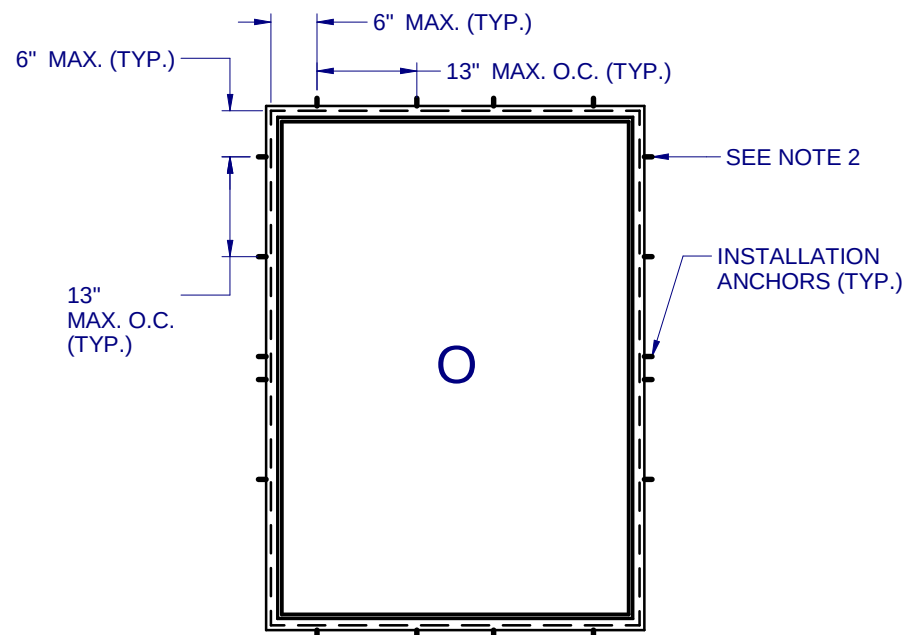
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SCALE:

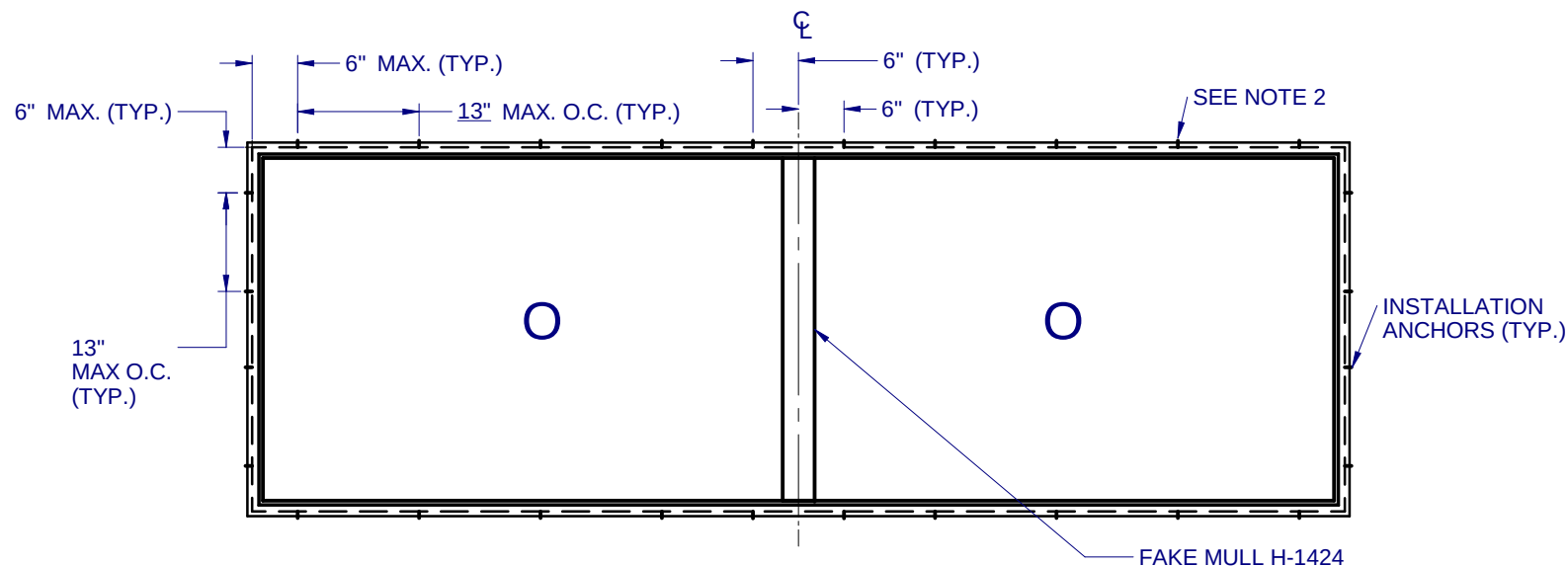
1:2

SHEET

5 OF 8



ANCHOR LAYOUT - (FLANGE)



ANCHOR LAYOUT - (FLANGE)

NOTES:

1. INSTALL ONE ANCHOR AT EACH LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
2. SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 7.
4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR COATED WITH A CORROSION RESISTANT MATERIAL. DISSIMILAR MATERIALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 7.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND INTO SUBSTRATE - 1X BUCKS ARE OPTIONAL.
7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 4" FOR MASONRY, 1" FOR WOOD AND METAL.
8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE 1, SHEET 7. CONCRETE AND MASONRY SUBSTRATES SHALL NOT BE CRACKED.
9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS: FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS).



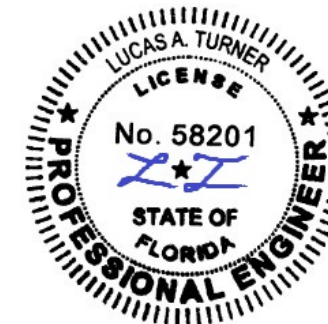
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SHEET DESCRIPTION:

ANCHOR SCHEDULE AND
NOTES

DRAWN BY:

MCS

DATE:

9/7/2023

DWG #:

CWS-881

REV.:

C

SCALE:

1:25

SHEET

6 OF 8

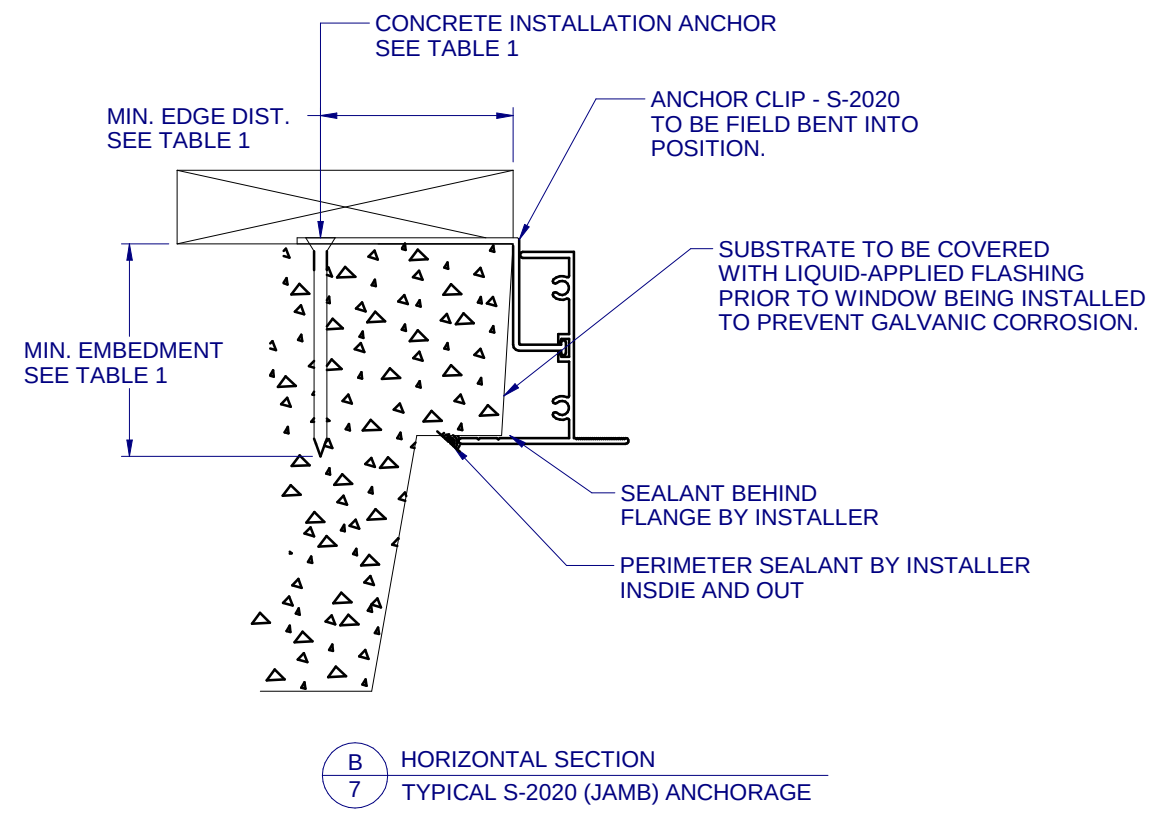
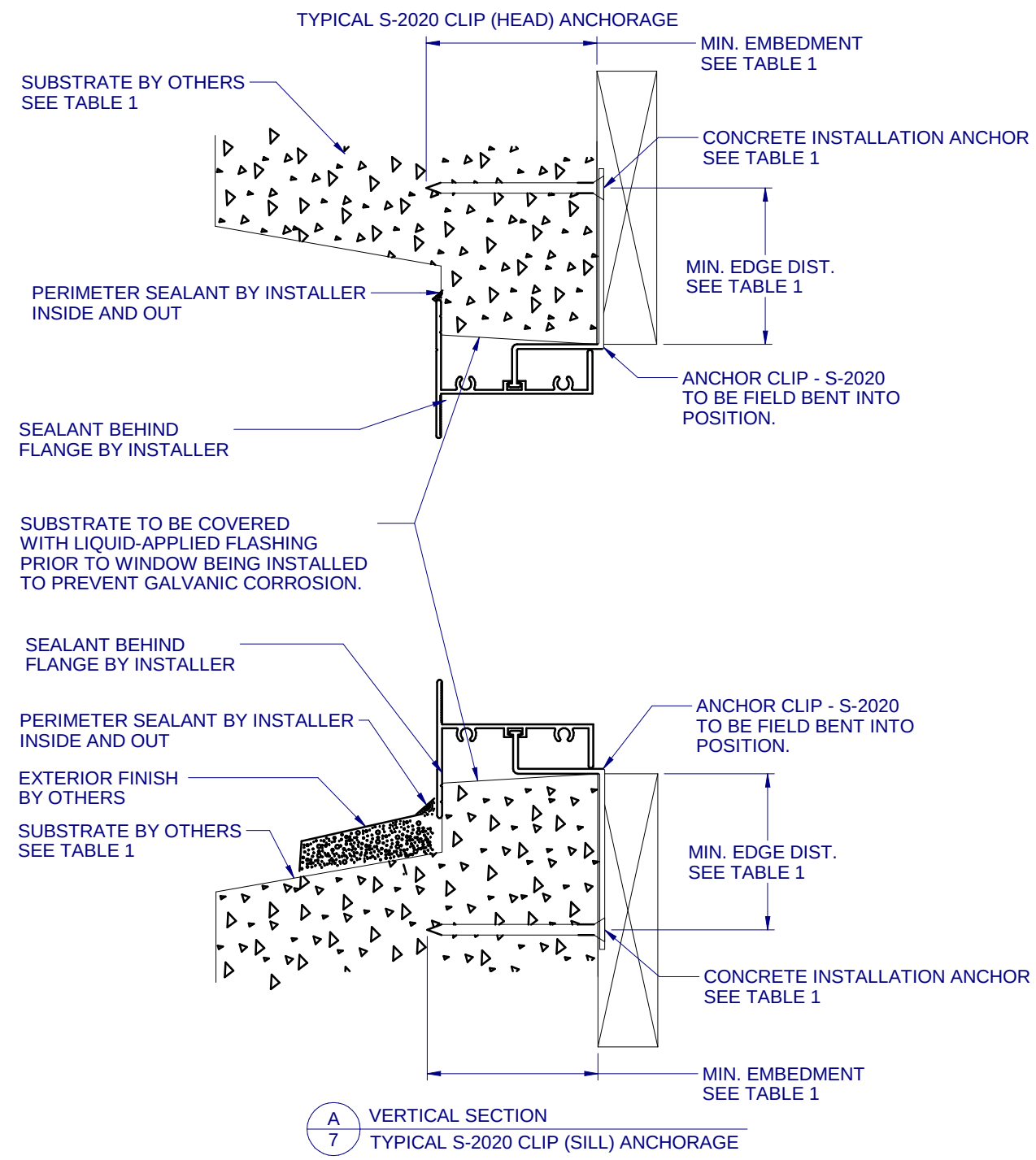


TABLE 1: APPROVED INSTALLATION FASTENERS			
SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST.
CONCRETE (2.0 KSI MIN.)	1/4" ITW TAPCON	1-3/4"	2"
CONCRETE (3.05 KSI MIN.)	1/4" DEWALT ULTRAACON+	1-3/4"	2"
2x MIN. SPRUCE-PINE-FIR WOOD (G=0.42 MIN.)	1/4" ITW TAPCON OR DEWALT ULTRAACON+	1-1/2"	7/8"
2x MIN. SPRUCE-PINE-FIR WOOD (G=0.42 MIN.)	#10 WOOD SCREW	1-1/2"	7/8"



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**INSTALLATION DETAILS -
1x WITH CLIPS**

DRAWN BY:	DATE:
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CWS-881	C
SCALE:	SHEET
1:2	7 OF 8



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SHEET DESCRIPTION:

INSTALLATION DETAILS - 2x WITH CLIPS

DRAWN BY:

MCS

DATE: _____

9/7/2023

DWG #:

CWS-881

REV.:

c

SCALE:

1:2

SHEET

8 OF 8

