

PICTURE WINDOW - NON-IMPACT

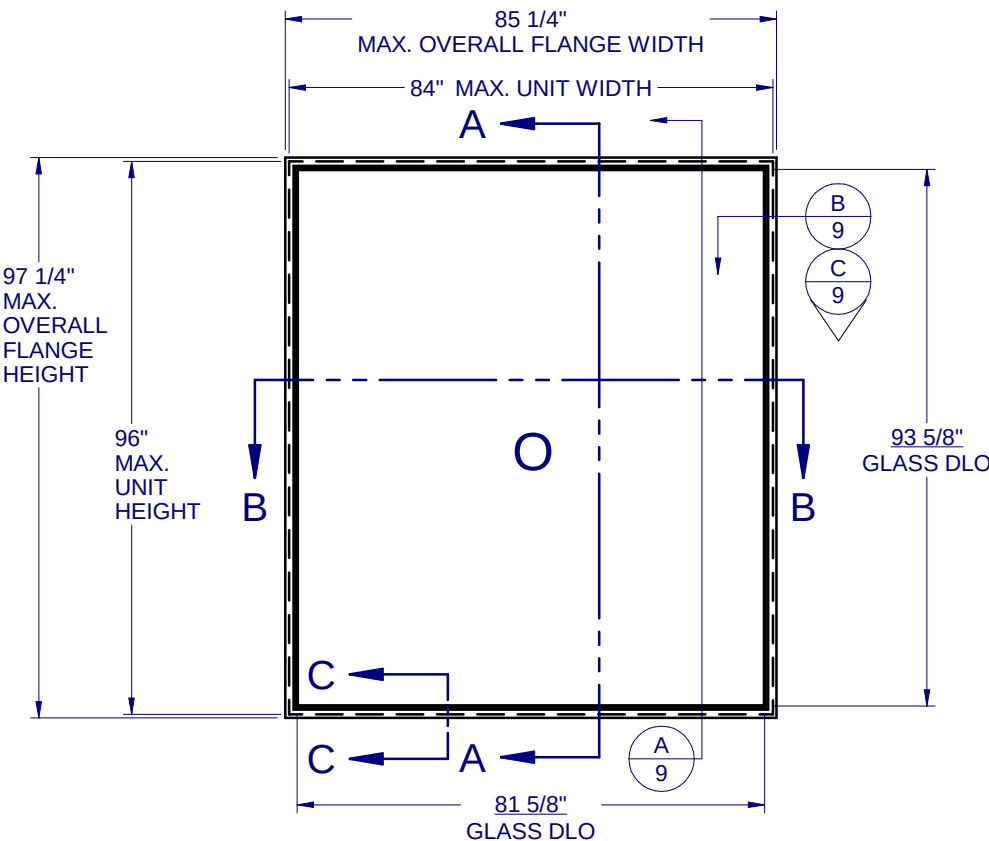
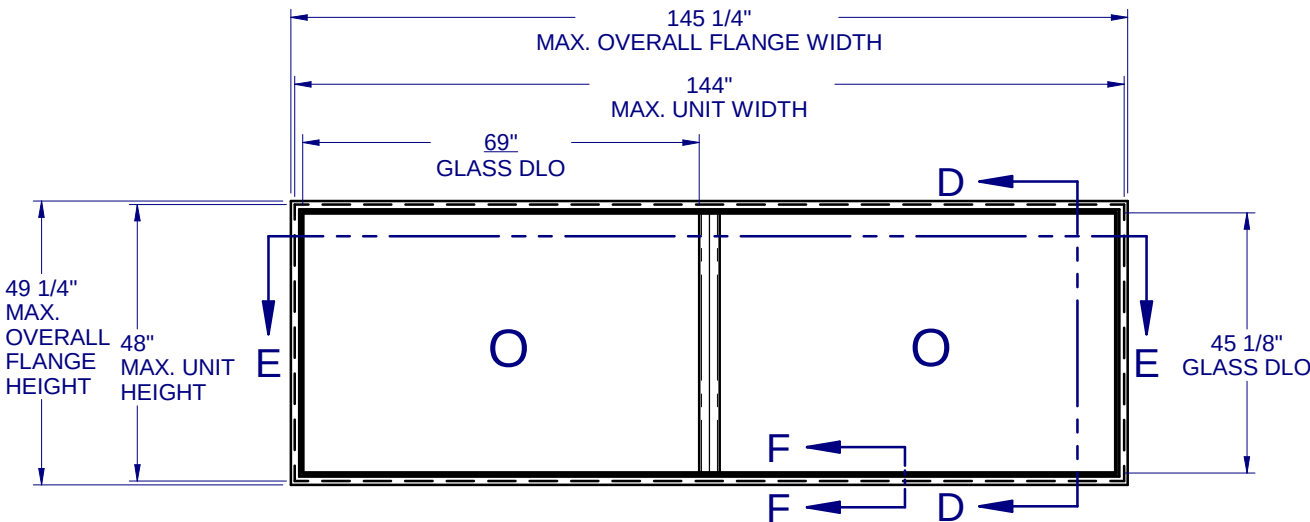


TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS.....1  
GLAZING DETAILS.....2  
COMPARATIVE ANALYSIS (DP).....3  
SECTION VIEWS.....4-5  
BOM & EXTRUSIONS.....6  
ANCHOR SCHEDULE & NOTES.....7-8  
INSTALLATION DETAILS.....9

| CONFIG. | MAX. UNIT SIZE | DESIGN PRESSURE RATING                      | IMPACT RATING |
|---------|----------------|---------------------------------------------|---------------|
| O       | 84" x 96"      | SEE COMPARATIVE ANALYSIS<br>CHARTS, SHEET 3 | NONE          |
| O / O   | 144" x 48"     |                                             | 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: (SEE SHEET 3)  
-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 SHEET 9 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 APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
11. PICTURE WINDOWS CAN BE INSTALLED IN ANY ORIENTATION.

Lucas Turner  
2023.09.14  
15:43:01  
-05'00'

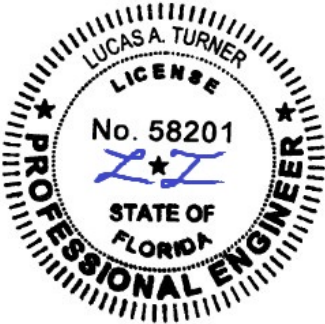


1900 SW 44TH AVE.  
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4000 ALUM.  
PICTURE WINDOW  
NON-IMPACT

PROPRIETARY AND CONFIDENTIAL  
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SYSTEMS, INC IS PROHIBITED.

FLORIDA APPROVAL NO.:  
7852



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-169   | F        |
| SCALE:    | SHEET    |
| 1:33      | 1 OF 9   |



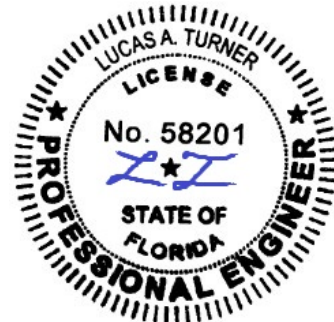
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OCALA, FLORIDA 34474  
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## 4000 ALUM. PICTURE WINDOW NON-IMPACT

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PH. 941-380-1574

SHEET DESCRIPTION:

### GLAZING DETAILS

DRAWN BY:

MCS

DATE:

9/7/2023

DWG #:

CWS-169

REV.:

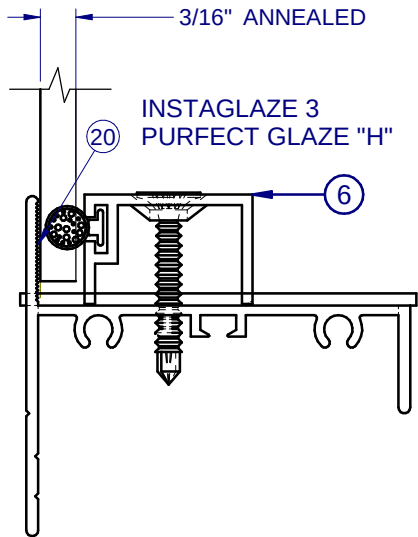
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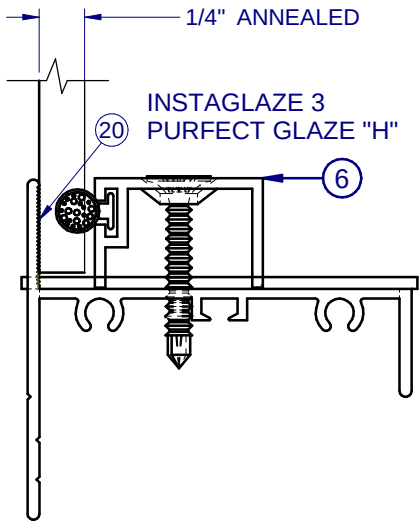
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SHEET

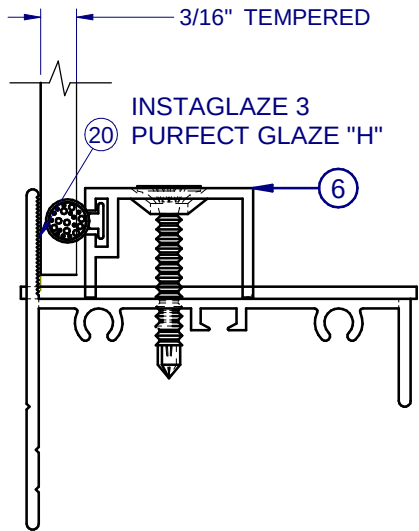
2 OF 9



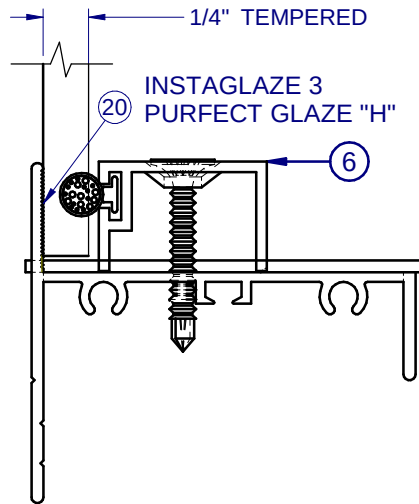
GLASS TYPE A



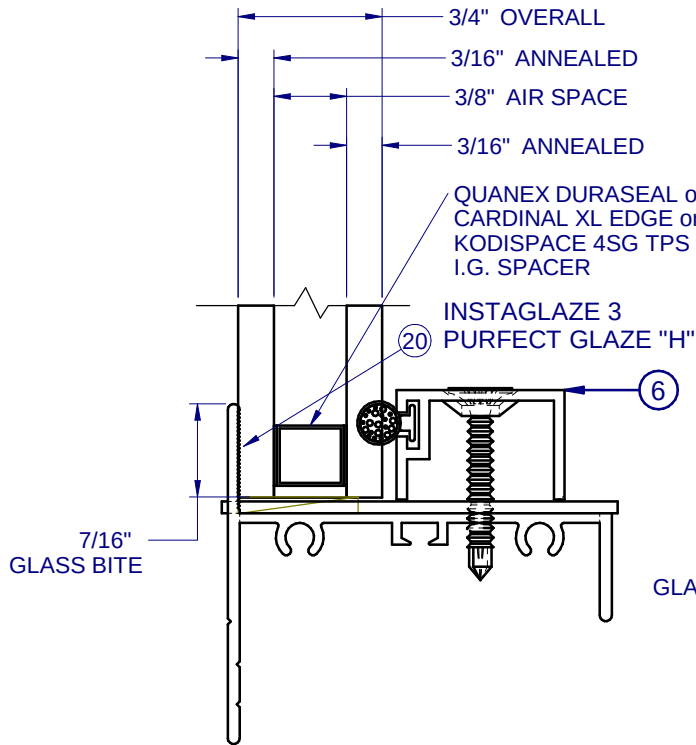
GLASS TYPE B



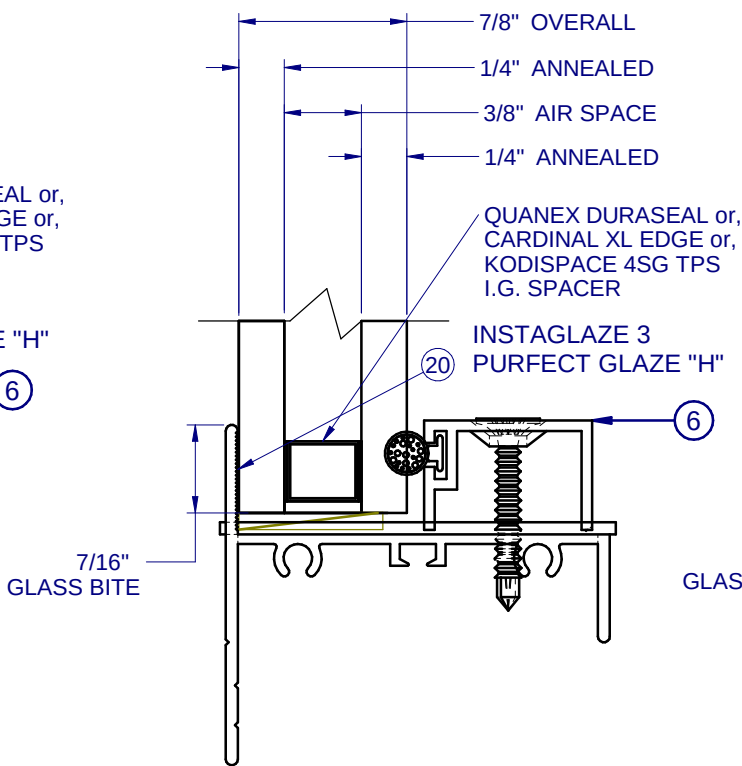
GLASS TYPE C



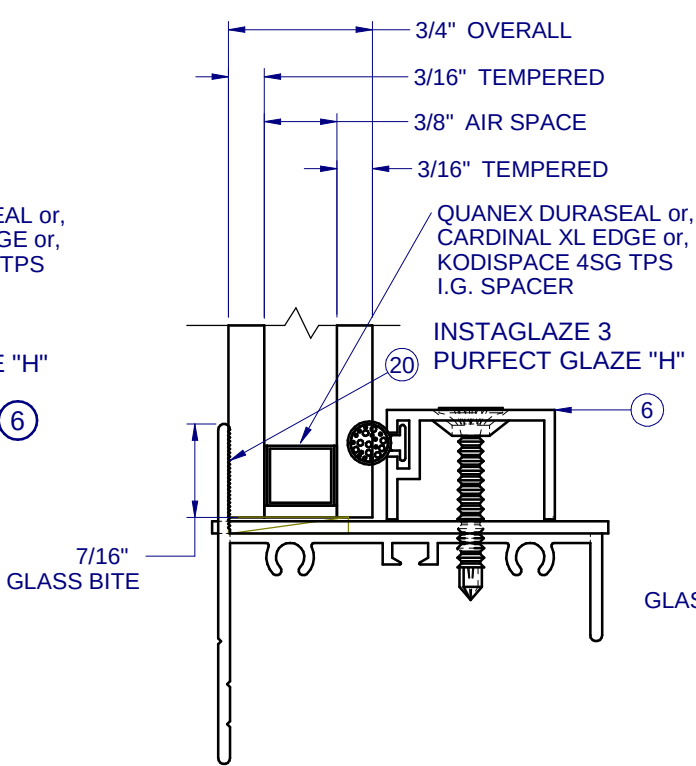
GLASS TYPE D



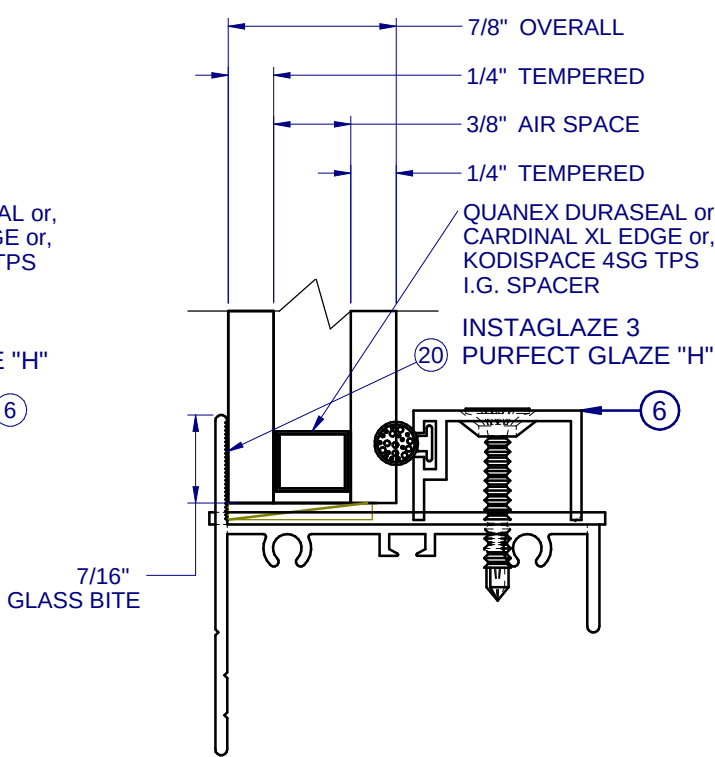
GLASS TYPE E



GLASS TYPE F



GLASS TYPE G



GLASS TYPE H

| "O" CONFIGURATION - ANNEALED GLASS OPTIONS                        |    |               |                                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------------------------------|----|---------------|----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| DESIGN PRESSURES, PSF (POSITIVE AND NEGATIVE PRESSURES ARE EQUAL) |    |               |                                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                   |    | GLASS<br>TYPE | WINDOW LONG DIMENSION, UNIT SIZE (IN.) |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                   |    |               | 18                                     | 24   | 30   | 36   | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 90   | 96   |
| WINDOW SHORT DIMENSION, UNIT SIZE (IN.)                           | 18 | A             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   | 24 | A             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 58.9 | 56.6 | 55.1 | 53.7 | 52.9 |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   | 30 | A             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 57.6 | 50.8 | 45.6 | 41.5 |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 58.3 | 55.0 | 52.8 | 50.9 | 49.7 |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   | 36 | A             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 54.4 | 48.1 | 42.2 |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 59.3 | 52.6 | 48.0 | 43.7 | 40.7 |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 55.4 | 51.2 | 47.7 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                   | 42 | A             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 57.7 | 51.5 | 46.5 | 41.3 |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 56.0 | 50.2 | 45.2 | 40.7 |      |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 54.5 | 49.4 | 45.2 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 55.8 |
|                                                                   | 48 | A             | 60.0                                   | 60.0 | 60.0 | 60.0 | 57.7 | 52.7 | 47.6 | 43.5 |      |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 58.5 | 53.2 | 48.2 | 43.9 |      |      |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 59.5 | 54.5 | 49.7 | 45.6 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 57.3 | 52.5 |
|                                                                   | 54 | A             | 60.0                                   | 60.0 | 57.6 | 54.4 | 51.5 | 47.6 | 43.5 |      |      |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 58.5 | 54.3 | 49.6 | 45.9 | 41.7 |      |      |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 56.1 | 52.3 | 48.6 | 45.2 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 58.9 | 53.3 | 48.7 |
|                                                                   | 60 | A             | 60.0                                   | 60.0 | 50.8 | 48.1 | 46.5 | 43.5 |      |      |      |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 59.3 | 56.0 | 53.2 | 49.6 | 46.4 | 42.4 |      |      |      |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 55.8 | 52.1 | 48.6 | 45.7 | 43.1 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 56.0 | 50.4 | 45.8 |
|                                                                   | 66 | A             | 60.0                                   | 60.0 | 45.6 | 42.2 | 41.3 |      |      |      |      |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 60.0 | 52.6 | 50.2 | 48.2 | 45.9 | 42.4 |      |      |      |      |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 55.6 | 51.7 | 47.8 | 45.0 | 42.4 | 40.1 |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 55.9 | 55.9 | 55.9 | 53.9 | 48.2 | 43.6 |
|                                                                   | 72 | A             | 60.0                                   | 58.9 | 41.5 |      |      |      |      |      |      |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 58.3 | 48.0 | 45.2 | 43.9 | 41.7 |      |      |      |      |      |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 55.8 | 51.7 | 47.8 | 44.4 | 41.7 |      |      |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 55.9 | 51.0 | 51.0 | 51.0 | 46.7 | 42.0 |
|                                                                   | 78 | A             | 60.0                                   | 56.6 |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 55.0 | 43.7 | 40.7 |      |      |      |      |      |      |      |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 59.5 | 56.1 | 52.1 | 47.8 | 44.4 | 41.4 |      |      |      |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 55.9 | 51.0 | 46.4 | 46.4 | 45.6 | 40.8 |
|                                                                   | 84 | A             | 60.0                                   | 55.1 |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                   |    | B             | 60.0                                   | 60.0 | 52.8 | 40.7 |      |      |      |      |      |      |      |      |      |      |
|                                                                   |    | E             | 60.0                                   | 60.0 | 60.0 | 55.4 | 54.5 | 54.5 | 52.3 | 48.6 | 45.0 | 41.7 |      |      |      |      |
|                                                                   |    | F             | 60.0                                   | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 58.9 | 56.0 | 53.9 | 51.0 | 46.4 | 40.0 | 40.0 | 40.0 |

| "O" CONFIGURATION - TEMPERED GLASS OPTIONS                        |    |               |                                        |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------------|----|---------------|----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| DESIGN PRESSURES, PSF (POSITIVE AND NEGATIVE PRESSURES ARE EQUAL) |    |               |                                        |       |       |       |       |       |       |       |       |       |       |       |
|                                                                   |    | GLASS<br>TYPE | WINDOW LONG DIMENSION, UNIT SIZE (IN.) |       |       |       |       |       |       |       |       |       |       |       |
|                                                                   |    |               | 30                                     | 36    | 42    | 48    | 54    | 60    | 66    | 72    | 78    | 84    | 90    | 96    |
| WINDOW SHORT DIMENSION, UNIT SIZE (IN.)                           | 30 | C             | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 |
|                                                                   | 36 | C             | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 123.2 | 113.8 | 105.9 |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 |
|                                                                   | 42 | C             | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 121.2 | 109.8 | 100.5 |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 124.0 |
|                                                                   | 48 | C             | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 132.2 | 121.2 | 110.5 | 101.4 |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 128.9 | 118.1 |
|                                                                   | 54 | C             | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 124.8 | 116.3 | 108.0 | 100.5 |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 132.6 | 120.0 | 109.6 |
|                                                                   | 60 | C             | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 126.9 | 126.9 | 124.1 | 115.7 | 108.0 | 101.6 | 95.7  |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 126.9 | 126.9 | 126.9 | 126.9 | 126.0 | 113.4 | 103.1 |
|                                                                   | 66 | C             | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 126.9 | 117.1 | 114.8 | 106.2 | 100.1 | 94.2  |       |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 126.9 | 115.4 | 115.4 | 115.4 | 115.4 | 108.5 | 98.2  |
|                                                                   | 72 | C             | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 124.1 | 114.8 | 106.3 | 98.7  | 92.7  |       |       |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 126.9 | 115.4 | 105.7 | 105.7 | 105.7 | 105.0 | 94.5  |
|                                                                   | 78 | C             | 133.3                                  | 133.3 | 133.3 | 132.2 | 124.8 | 115.7 | 106.2 | 98.7  | 91.9  |       |       |       |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 133.3 | 126.9 | 115.4 | 105.7 | 97.5  | 97.5  | 97.5  | 91.8  |
|                                                                   | 84 | C             | 133.3                                  | 123.2 | 121.2 | 121.2 | 116.3 | 108.0 | 100.1 | 92.7  |       |       |       |       |
|                                                                   |    | D, G, H       | 133.3                                  | 133.3 | 133.3 | 133.3 | 132.6 | 126.0 | 115.4 | 105.7 | 97.5  | 90.0  | 90.0  | 90.0  |

| "O/O" EQUAL SPLIT CONFIGURATION WITH FAKE MULL                     |          |               |                                |      |      |      |      |
|--------------------------------------------------------------------|----------|---------------|--------------------------------|------|------|------|------|
| DESIGN PRESSURES, PSF ( POSITIVE AND NEGATIVE PRESSURES ARE EQUAL) |          |               |                                |      |      |      |      |
|                                                                    |          | GLASS<br>TYPE | WINDOW HEIGHT, UNIT SIZE (IN.) |      |      |      |      |
|                                                                    |          |               | 24                             | 30   | 36   | 42   | 48   |
| WINDOW WIDTH, UNIT SIZE (IN.)                                      | 36       | A             | 60.0                           | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 60.0 | 60.0 | 60.0 |
|                                                                    | 48       | A             | 60.0                           | 60.0 | 60.0 | 60.0 | 53.3 |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 60.0 | 60.0 | 53.3 |
|                                                                    | 60       | A             | 60.0                           | 60.0 | 60.0 | 56.9 | 46.5 |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 60.0 | 56.9 | 46.5 |
|                                                                    | 72       | A             | 60.0                           | 60.0 | 60.0 | 53.3 | 42.7 |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 60.0 | 53.3 | 42.7 |
|                                                                    | 84       | A             | 60.0                           | 60.0 | 60.0 | 52.2 | 40.6 |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 60.0 | 52.2 | 40.6 |
|                                                                    | 96       | A             | 60.0                           | 60.0 | 60.0 | 52.2 | 40.0 |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 60.0 | 52.2 | 40.0 |
|                                                                    | 108      | A             | 60.0                           | 58.5 | 55.4 | 52.2 | 40.0 |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 60.0 | 52.2 | 40.0 |
|                                                                    | 120      | A             | 60.0                           | 51.4 | 48.9 | 47.1 | 40.0 |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 60.0 | 52.2 | 40.0 |
|                                                                    | 132      | A             | 60.0                           | 46.0 | 42.7 | 41.6 |      |
|                                                                    |          | B THRU H      | 60.0                           | 60.0 | 53.3 | 48.8 | 40.0 |
| 144                                                                | A        | 58.9          | 41.7                           |      |      |      |      |
|                                                                    | B THRU H | 60.0          | 53.9                           | 47.4 | 43.0 | 40.0 |      |



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4000 ALUM.  
PICTURE WINDOW  
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7852



9/14/2023

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

SHEET DESCRIPTION:

SECTION VIEWS  
O

DRAWN BY:

MCS

DATE:

9/7/2023

DWG #:

CWS-169

REV.:

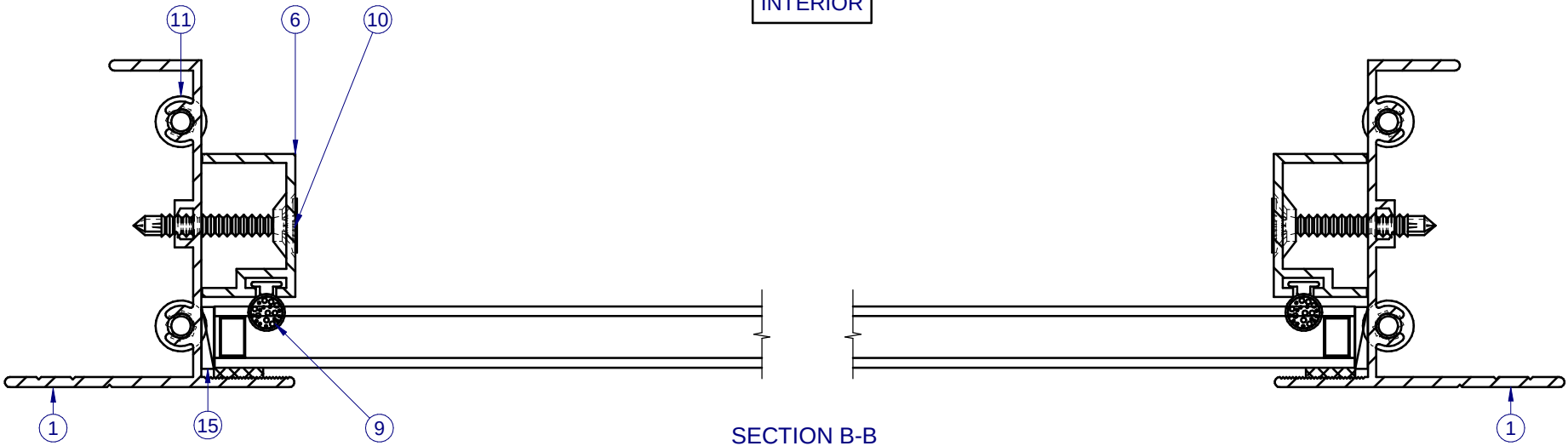
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SCALE:

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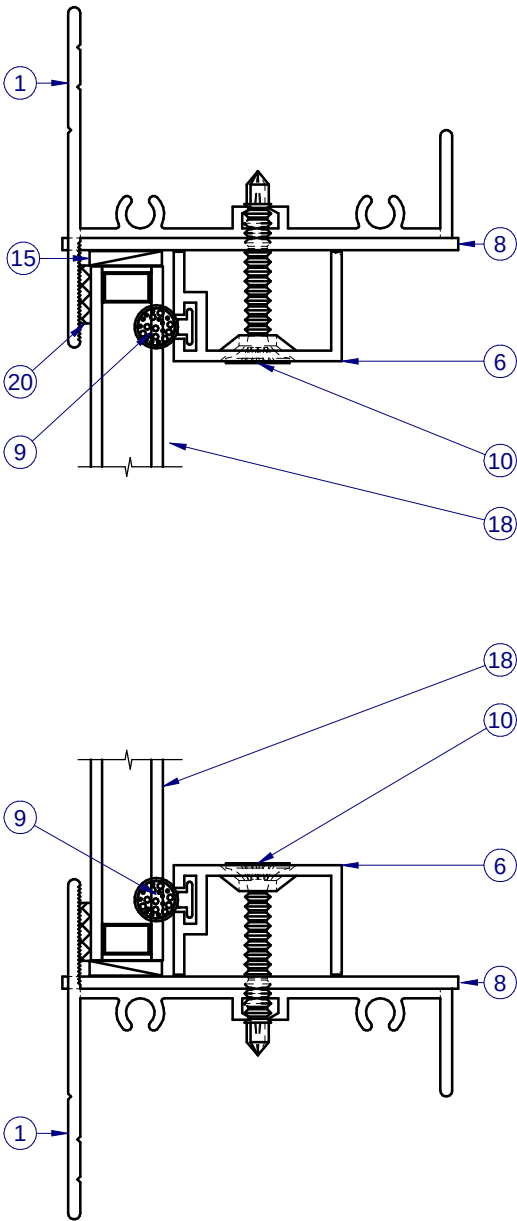
SHEET  
4 OF 9

INTERIOR

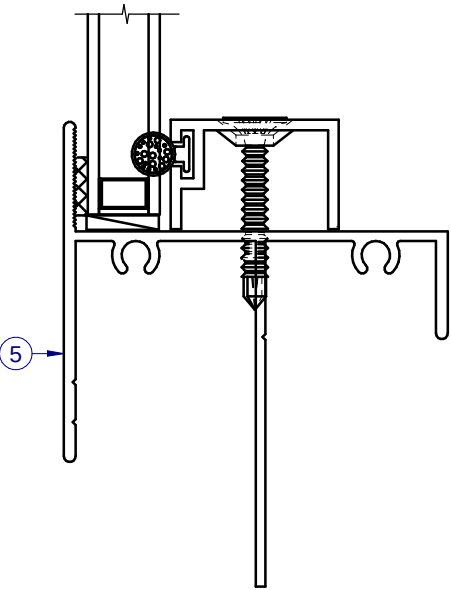


SECTION B-B

INTERIOR

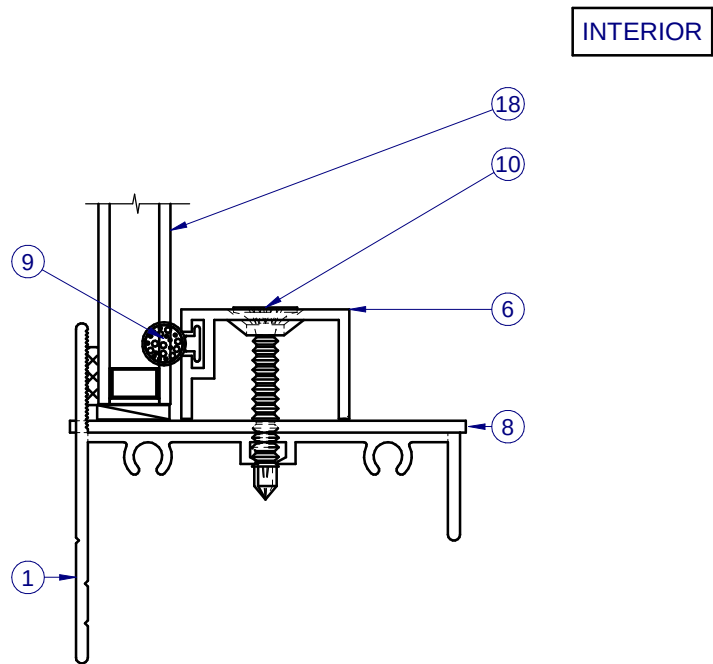
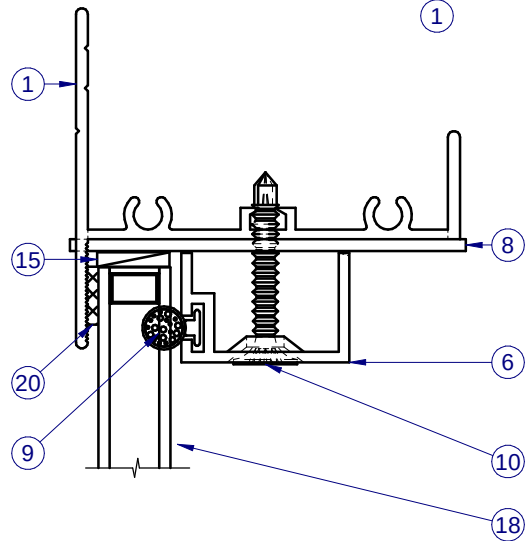
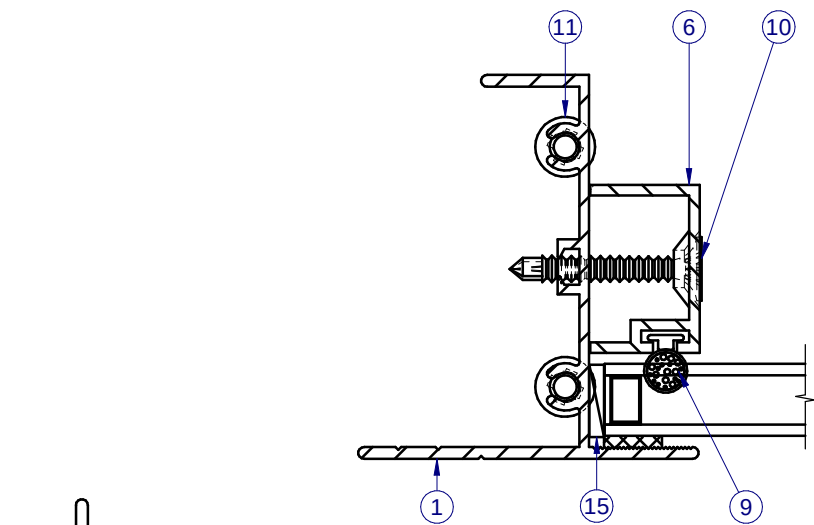


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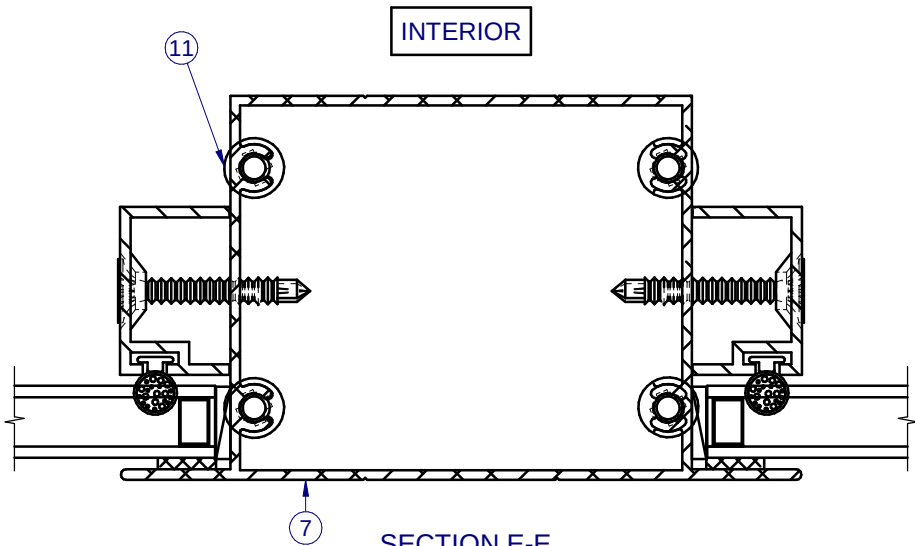


SECTION C-C  
ALT. FIN FRAME

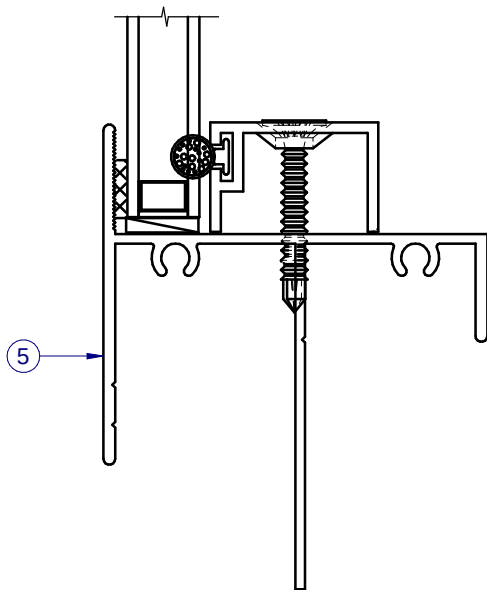
ITEMS NOT SHOWN FOR CLARITY:  
12-14, 16, 17



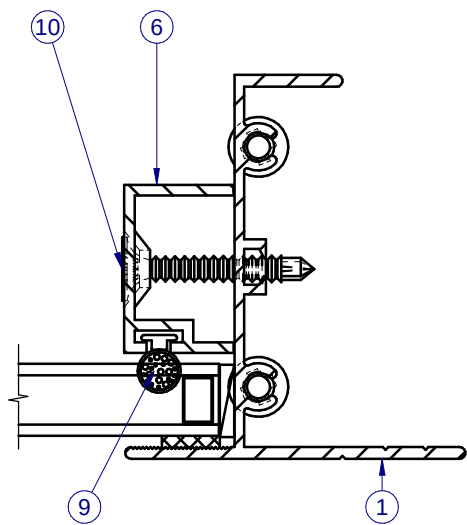
SECTION D-D



SECTION E-E



SECTION F-F  
ALT. FIN FRAME



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SHEET DESCRIPTION:

SECTION VIEWS  
O/O

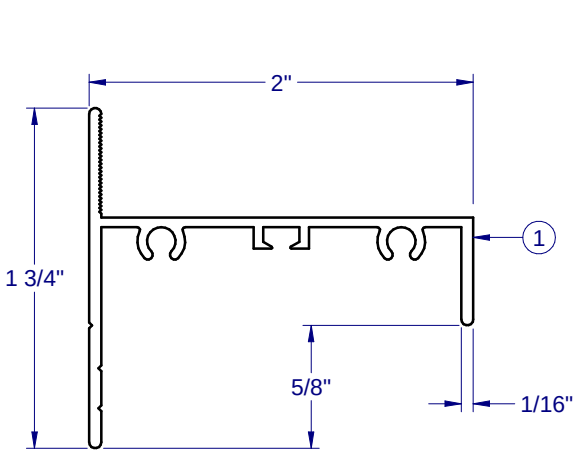
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| MCS       | 9/7/2023 |
| DWG #:    | REV.:    |
| CWS-169   | F        |
| SCALE:    | SHEET    |
| 1:1       | 5 OF 9   |

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

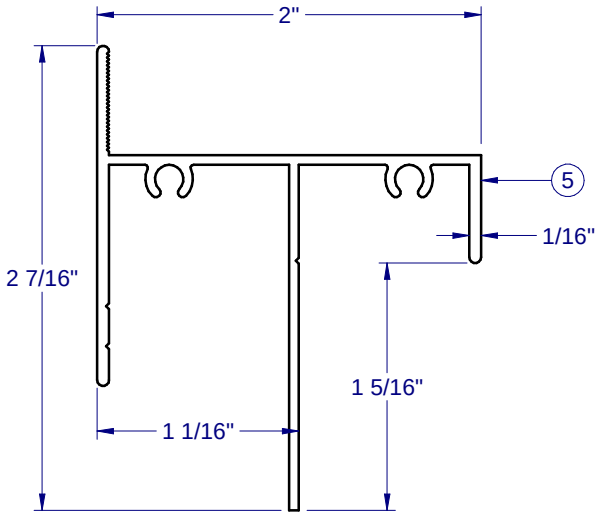
| PARTS LIST |        |                                                         |          |
|------------|--------|---------------------------------------------------------|----------|
| ITEM       | PART # | DESCRIPTION                                             | MATERIAL |
| 1          | S-1183 | Frame, PW, Main                                         | Alum     |
| 5          | S-1184 | Fr., Main, PW, with Fin                                 | 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, S | Steel    |
| 11         | P-4144 | #8 x 1.000 w/ 1/4" lead Quad Type A SMS                 | Steel    |
| 15         | P-3352 | Set. Blk., 85 Dur., 1/8" x 5/8" x 2" Lg.                | Rubber   |
| 18         |        | Glass, Fixed                                            |          |
| 20         |        | SikaFlex 552, Purfect Glaze "H"                         |          |

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

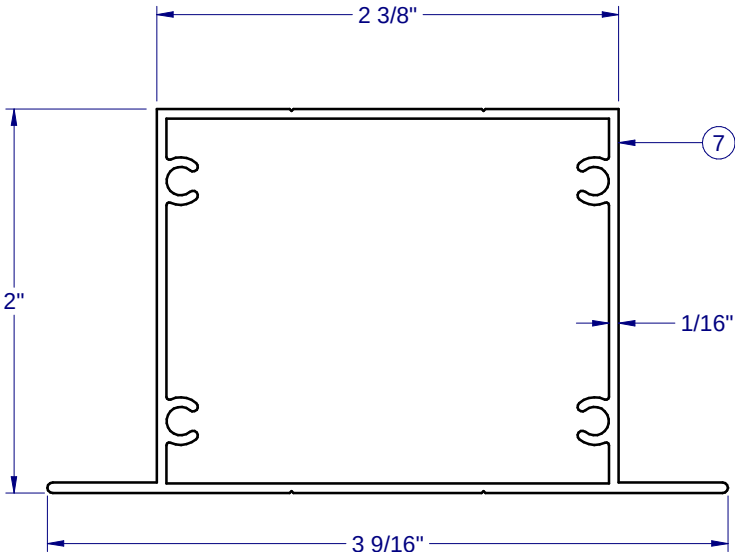
NOTE: ALUMINUM PROFILES ARE 6063-T6 UNLES OTHERWISE NOTED.



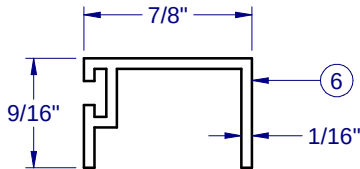
FRAME FLANGE - S-1183



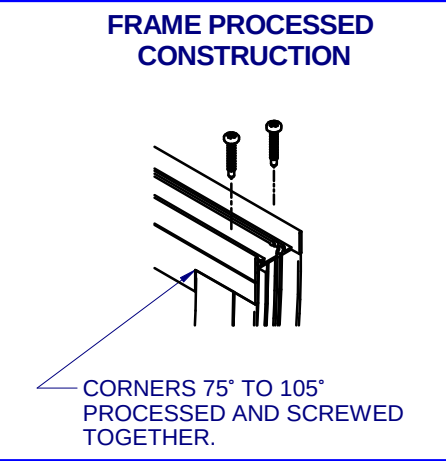
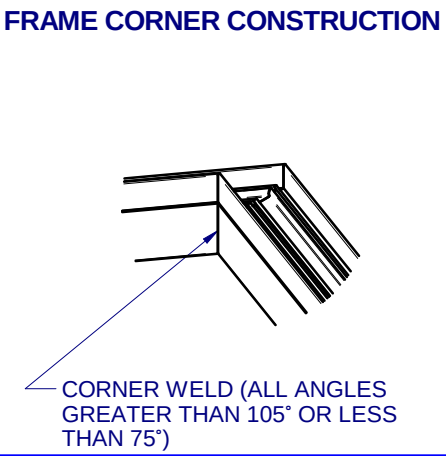
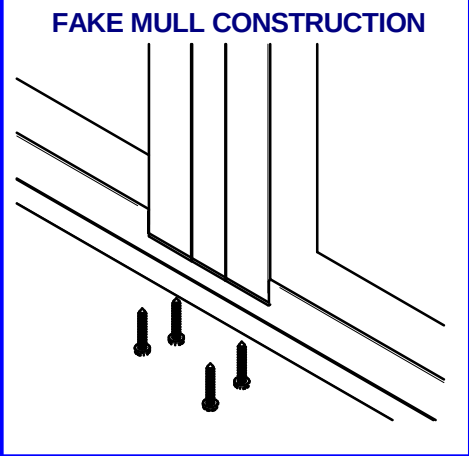
FRAME FIN - S-1184



FAKE MULL - H - 1424



GLAZING BEAD - S-1112





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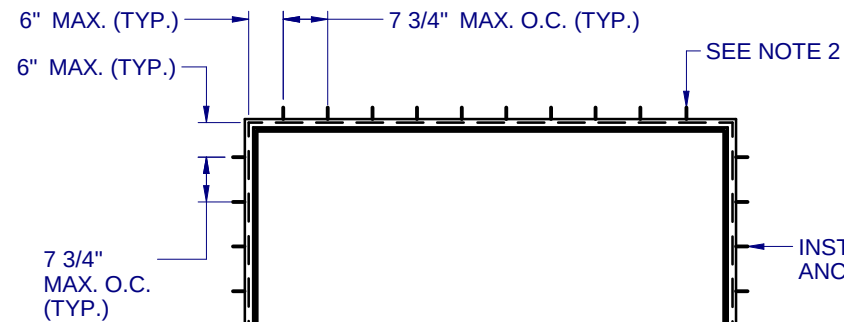
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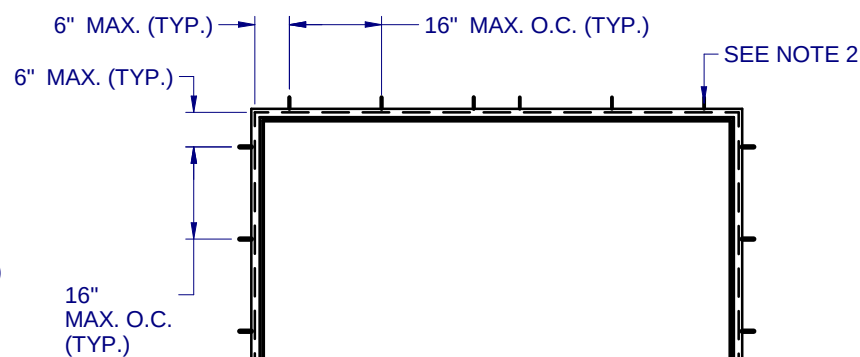
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**BOM AND EXTRUSIONS**

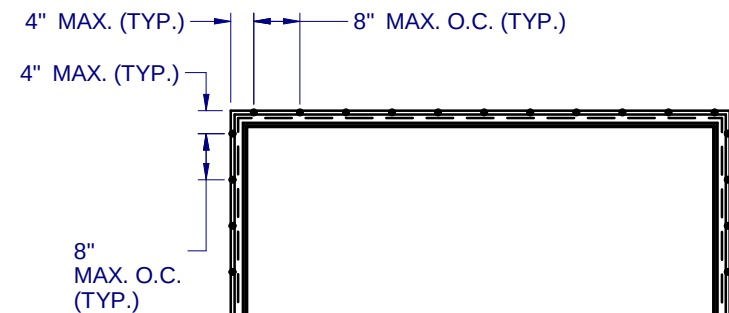
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| DWG #:    | REV.:    |
| CWS-169   | F        |
| SCALE:    | SHEET    |
| 1:1       | 6 OF 9   |



ANCHOR LAYOUT - (FLANGE)  
TEMPERED GLASS



ANCHOR LAYOUT - (FLANGE)  
ANNEALED GLASS



ANCHOR LAYOUT - (FIN)

NOTES:

1. INSTALL ONE ANCHOR AT EACH LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
2. SHIM AS REQ AT EACH INSTALLATION ANCHOR 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 AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 9.
4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS 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 9.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE. INSTALLATIONS TO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQUIRE 1X WOOD BUCKS BETWEEN THE PRODUCT AND THE SUBSTRATE. INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF 1X BUCKS BETWEEN THE PRODUCT AND SUBSTRATE.
7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 4" FOR SOLID CONCRETE, 6" FOR CMU, 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 TABLE1, SHEET 9. CONCRETE AND MASONRY SUBSTRATES MAY 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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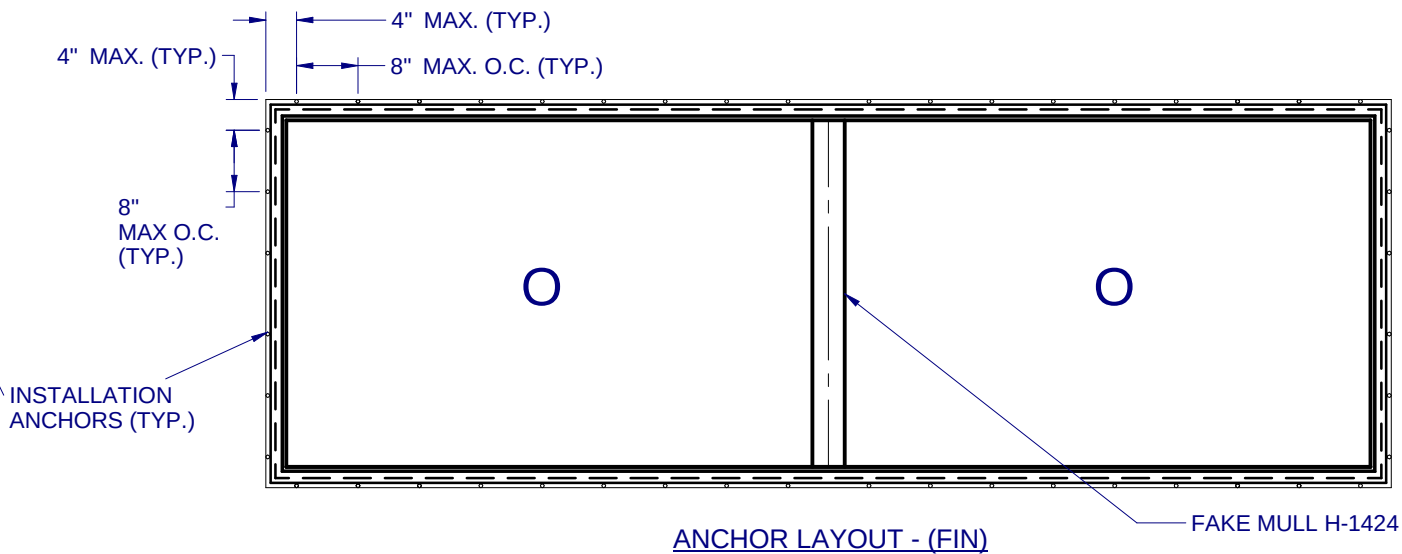
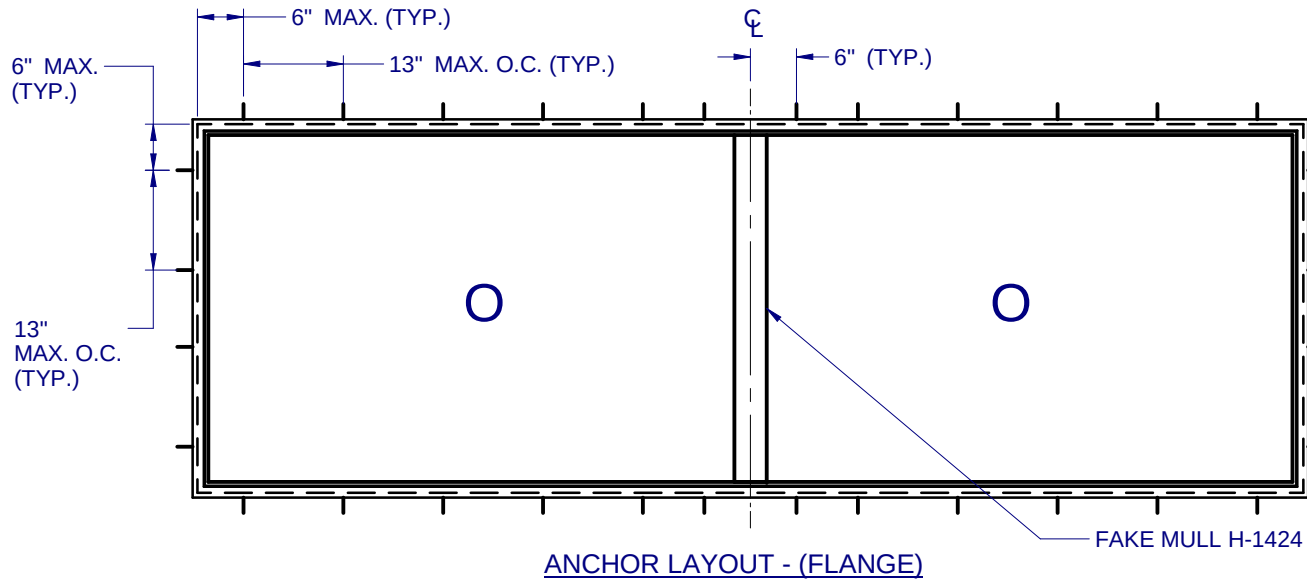


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SHEET DESCRIPTION:  
**ANCHOR SCHEDULE AND NOTES**  
O

|           |          |
|-----------|----------|
| DRAWN BY: | DATE:    |
| MCS       | 9/7/2023 |
| DWG #:    | REV.:    |
| CWS-169   | F        |
| SCALE:    | SHEET    |
| 1:33      | 7 OF 9   |



NOTES:

1. INSTALL ONE ANCHOR AT EACH LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
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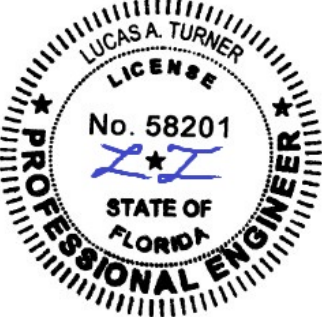


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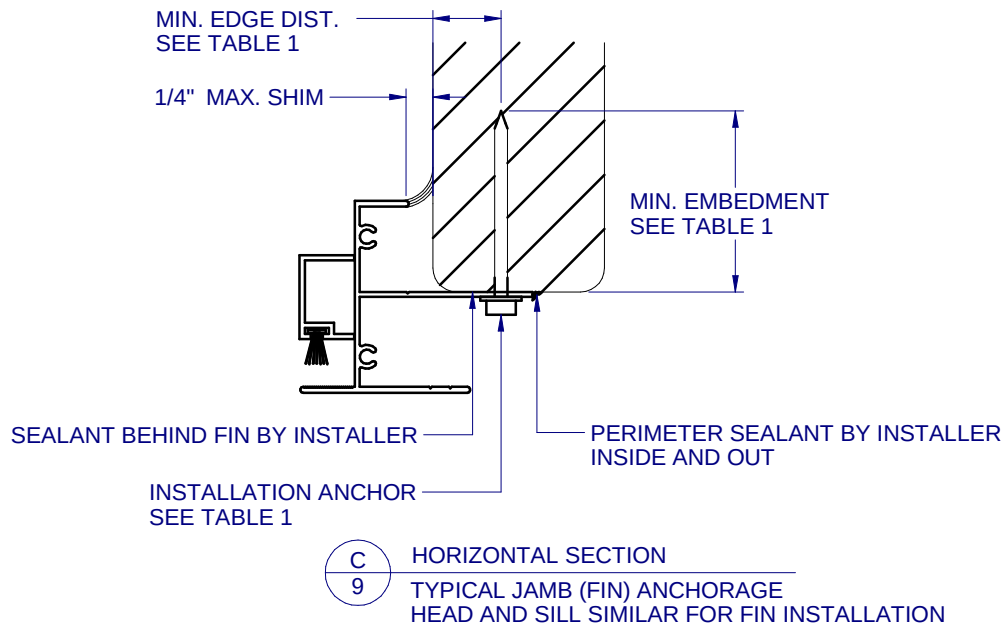
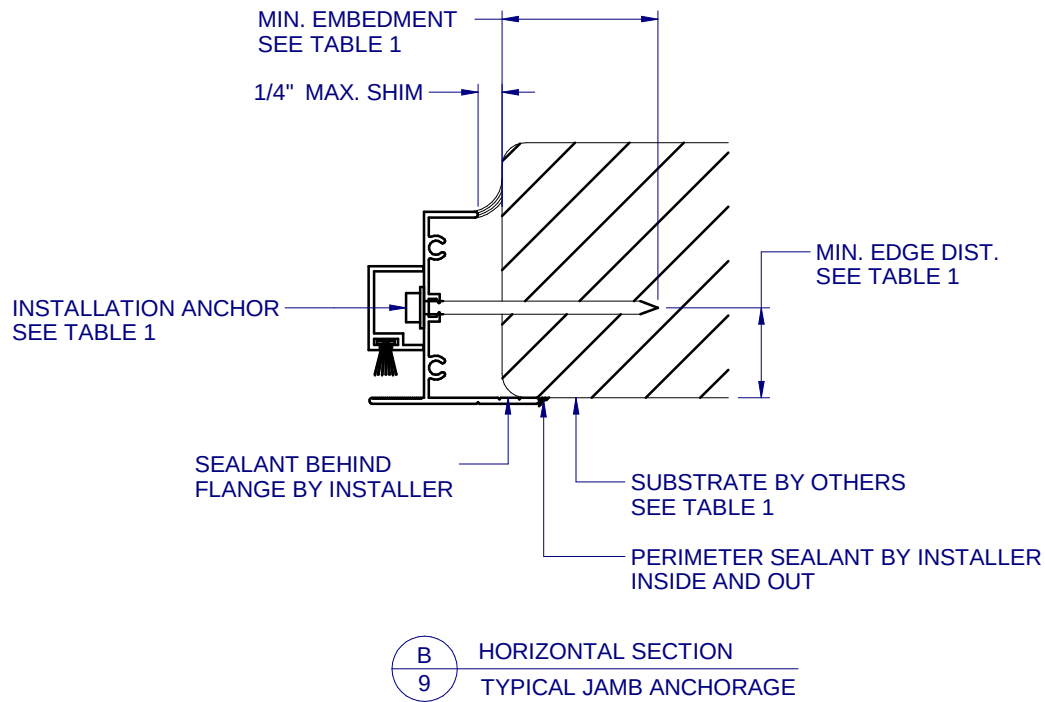
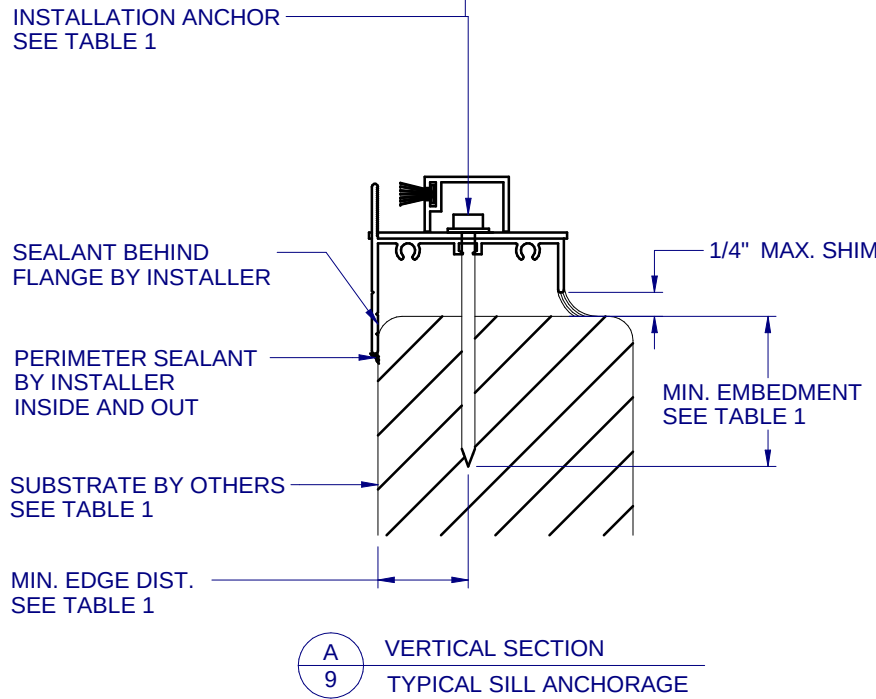
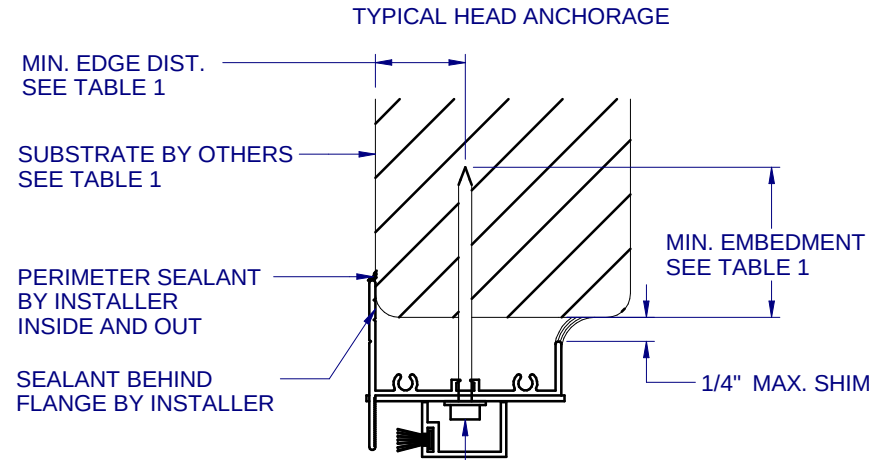


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SHEET DESCRIPTION:  
ANCHOR SCHEDULE AND  
NOTES  
O/O

|           |          |
|-----------|----------|
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| CWS-169   | F        |
| SCALE:    | SHEET    |
| 1:25      | 8 OF 9   |



| TABLE 1: APPROVED INSTALLATION FASTENERS |                                                          |                                                      |                            |                 |
|------------------------------------------|----------------------------------------------------------|------------------------------------------------------|----------------------------|-----------------|
| FRAME TYPE                               | SUBSTRATE TYPE                                           | ANCHOR TYPE                                          | MIN. EMBEDMENT             | MIN. EDGE DIST. |
| FLANGE                                   | CONCRETE (2.0 KSI MIN.)                                  | 1/4" ITW TAPCON                                      | 1-1/2"                     | 1-1/2"          |
| FLANGE                                   | CONCRETE (3.05 KSI MIN.)                                 | 1/4" DEWALT ULTRACON+                                | 1-3/4"                     | 1"              |
| FLANGE                                   | HOLLOW OR GROUT-FILLED CMU (ASTM C-90)                   | 1/4" DEWALT ULTRACON+                                | 1-1/4"                     | 2-1/2"          |
| FLANGE                                   | 2x MIN. SOUTHERN PINE WOOD (G=0.55 MIN.)                 | 1/4" ITW TAPCON<br>OR DEWALT ULTRACON+               | 1-3/8"                     | 7/8"            |
| FLANGE                                   | 2x MIN. SOUTHERN PINE WOOD (G=0.55 MIN.)                 | #12 WOOD SCREW                                       | 1-3/8"                     | 7/8"            |
| FLANGE                                   | 16 GAUGE (0.060") MIN. STEEL STUD<br>(33 KSI YIELD MIN.) | #12-14 HILTI KWI-K-FLEX OR<br>ITW TEKS SELF-DRILLING | FULL THREAD<br>THRU 0.060" | 1/2"            |
| FLANGE                                   | 1/8" ALUM. (6063-T5 MIN.) OR<br>1/8" STEEL (33 KSI MIN.) | #12 GRADE 5 SELF-TAPPING /<br>DRILLING SCREW         | FULL THREAD<br>THRU 0.125" | 1/2"            |
| FIN                                      | 2x MIN. SPRUCE-PINE-FIR WOOD (G=0.42 MIN.)               | #10 WOOD SCREW                                       | 2-1/4"                     | 1/2"            |

NOTES:

- GLAZING BEAD SCREWS NOT SHOWN HERE FOR CLARITY. GLAZING BEAD MUST BE REMOVED FOR INSTALLATION, AND INSTALLATION ANCHORS APPLIED FLUSH TO PRODUCT FRAME.
- INSTALLATION ANCHOR THRU FRAME MAY BE EITHER INSTALLED:
  - THRU GLAZING BEAD HOLE BY REMOVING EXISTING SCREW AND REPLACING. SCREWS THRU BEAD MUST BE EQUAL TO OR LESS THAN REQUIRED ANCHOR SPACING.
  - PLACED UNDER THE GLAZING BEAD AS SHOWN ON THIS SHEET.



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SHEET DESCRIPTION:

INSTALLATION DETAILS

DRAWN BY:

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DATE:

9/7/2023

DWG #:

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REV.:

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SCALE:

1:2

SHEET

9 OF 9