

SINGLE HUNG - NON-IMPACT

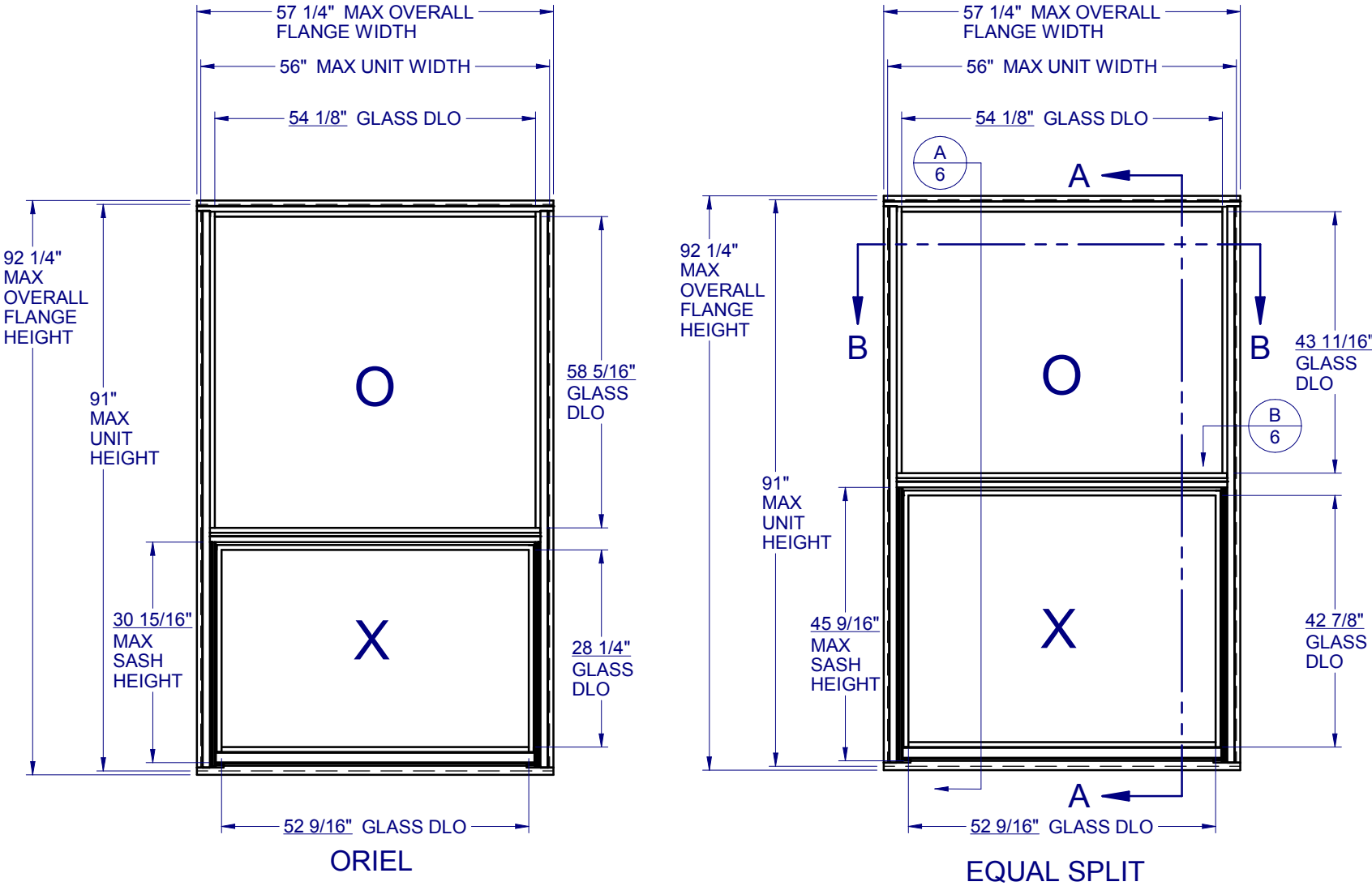


TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS.....1

GLAZING DETAIL.....2

SECTION VIEWS.....3

BOM & EXTRUSIONS.....4

ANCHOR SCHEDULE & NOTES.....5

INSTALLATION DETAIL.....6

| CONFIG.     | MAX. UNIT SIZE | DESIGN PRESSURE RATING | IMPACT RATING |
|-------------|----------------|------------------------|---------------|
| EQUAL SPLIT | 56" x 91"      | +/-35 PSF              | NONE          |
| ORIEL       |                |                        |               |

- 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/X".
  4. DESIGN PRESSURE RATING:
    - NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E-1300.
    - POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300.
    - DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
  5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 5-6 FOR INSTALLATION DETAILS.
  6. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
  7. ALL FRAMES SCREWED TOGETHER. SMALL JOINT SEAM SEALANT USE AT ALL FRAME JOINTS.
  8. PORCH ENCLOSURE IS RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD.
  9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:  
X = OPERABLE SASH, O = FIXED SASH.
  10. SECTION CALLOUTS FROM ELEVATIONS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
  11. WEEP SLOTS = 1/4" X 1 1/4" LOCATED 4" FROM BOTH ENDS.

Lucas Turner  
2026.09.16  
17:08:31  
-05'00'

1900 SW 44TH AVE.  
OCALA, FLORIDA 34474  
WWW.CWS.CC

ASH01

**3500 ALUM.  
SINGLE HUNG  
NON-IMPACT**

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM WINDOW SYSTEMS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM WINDOW SYSTEMS, INC IS PROHIBITED.

FLORIDA APPROVAL NO.:  
13263

9/16/2026

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:<br>MCS  | DATE:<br>8/20/2026 |
| DWG #:<br>CWS-515 | REV.:<br>E         |
| SCALE:<br>1:25    | SHEET<br>1 OF 6    |

NOTES:

- GLASS TYPE (A) ONLY AVAILABLE IN SASH OF ORIEL UNIT, NOT IN ORIEL FIXED SECTION OR IN EQUAL SPLIT.
- GLASS TYPE B, D, F, AND H AS INDICATED IN THIS APPROVAL IS SGCC CERTIFIED TO ANSI Z97.1 AND CPSC 16 CFR 1201, TO BE FIELD VERIFIED BY PERMANENT ETCHING MARK ON EACH GLASS LITE.

|                              | GLASS TYPE  |            |
|------------------------------|-------------|------------|
|                              | FIXED GLASS | SASH GLASS |
| EQUAL<br>56 x 91<br>DP +/-35 | B THRU H    | B THRU H   |
| ORIEL<br>56 x 91<br>DP +/-35 | B THRU H    | A THRU H   |



1900 SW 44TH AVE.  
OCALA, FLORIDA 34474  
WWW.CWS.CC

ASH01

3500 ALUM.  
SINGLE HUNG  
NON-IMPACT

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM WINDOW SYSTEMS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM WINDOW SYSTEMS, INC IS PROHIBITED.

FLORIDA APPROVAL NO.:  
13263

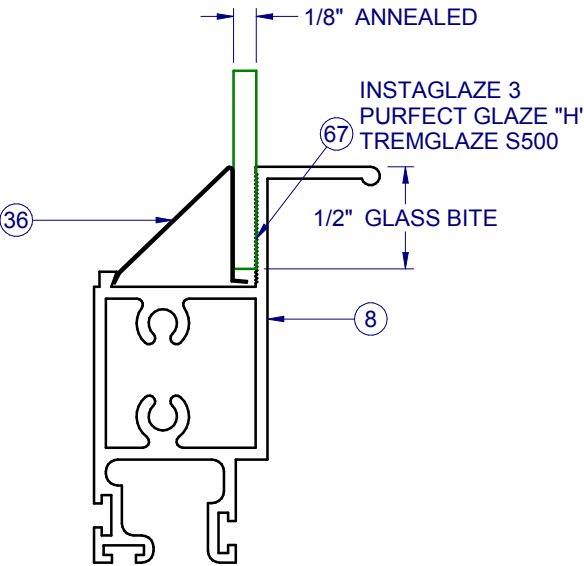


9/16/2026

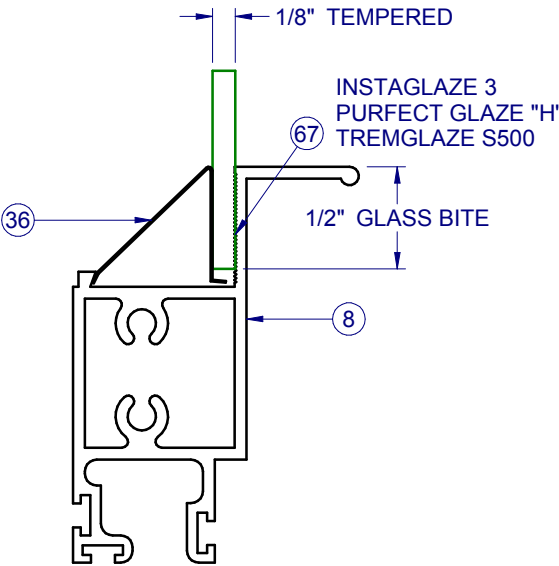
LUCAS A. TURNER, P.E.  
FL PE # 58201  
Turner Engineering & Consulting, Inc.  
2428 Old Natchez Trc Trl  
Camden, TN 38320  
PH. 941-380-1574

SHEET DESCRIPTION:  
GLAZING DETAIL

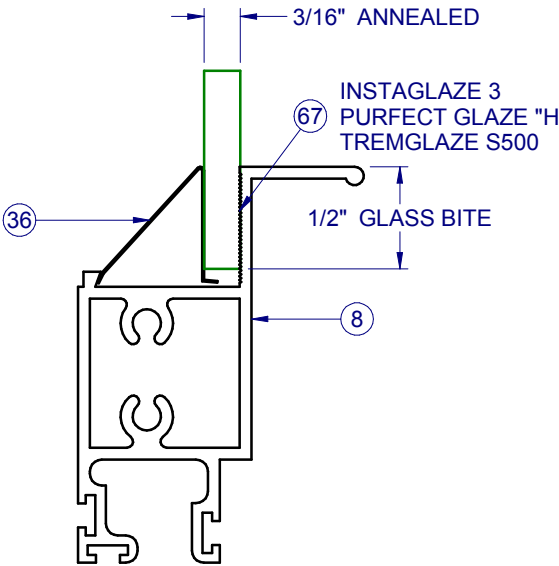
|           |           |
|-----------|-----------|
| DRAWN BY: | DATE:     |
| MCS       | 8/20/2026 |
| DWG #:    | REV.:     |
| CWS-515   | E         |
| SCALE:    | SHEET     |
| 1:1       | 2 OF 6    |



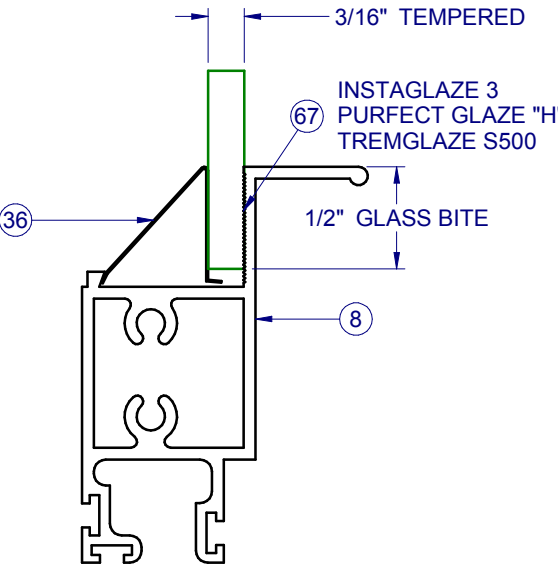
GLASS TYPE A



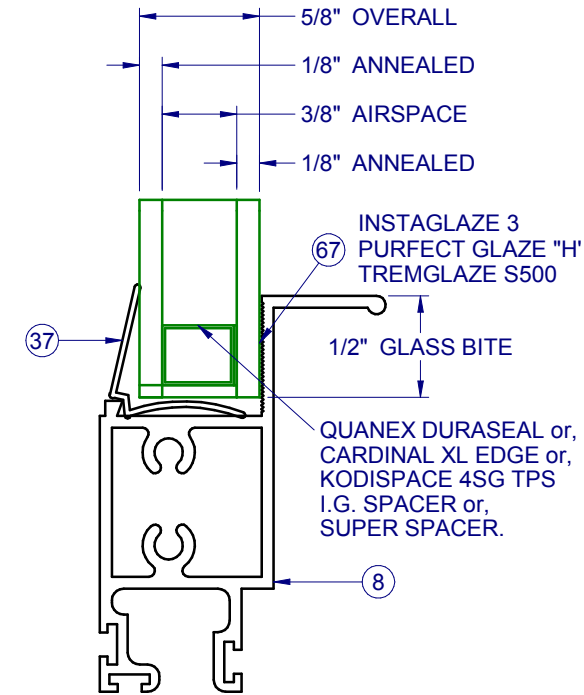
GLASS TYPE B



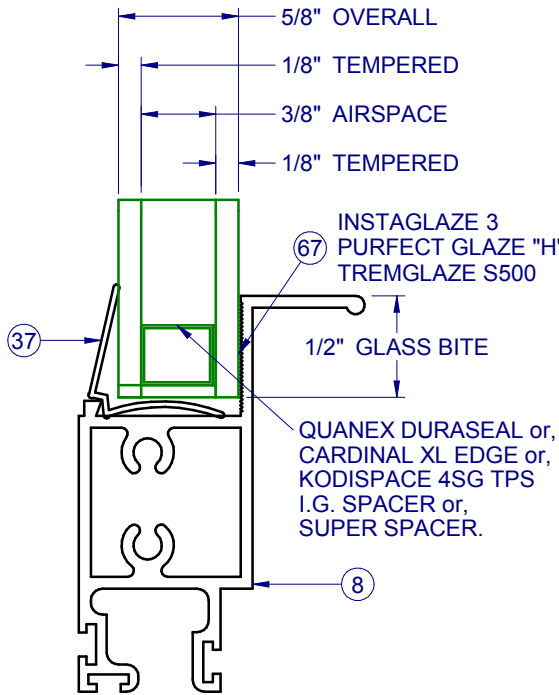
GLASS TYPE C



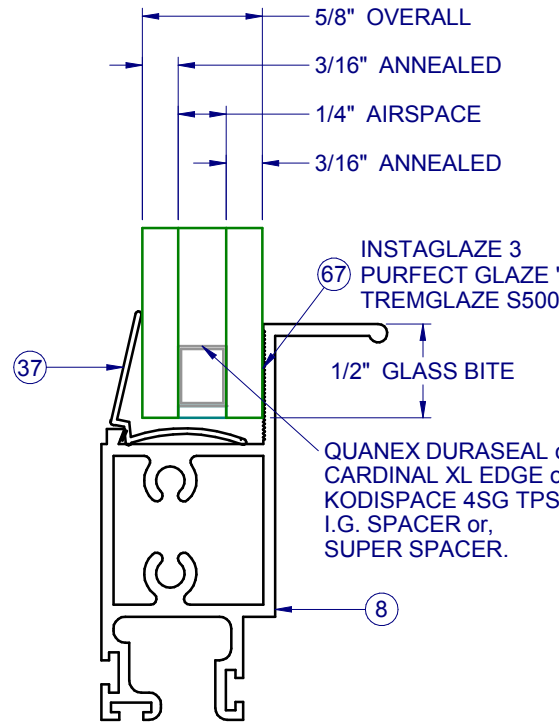
GLASS TYPE D



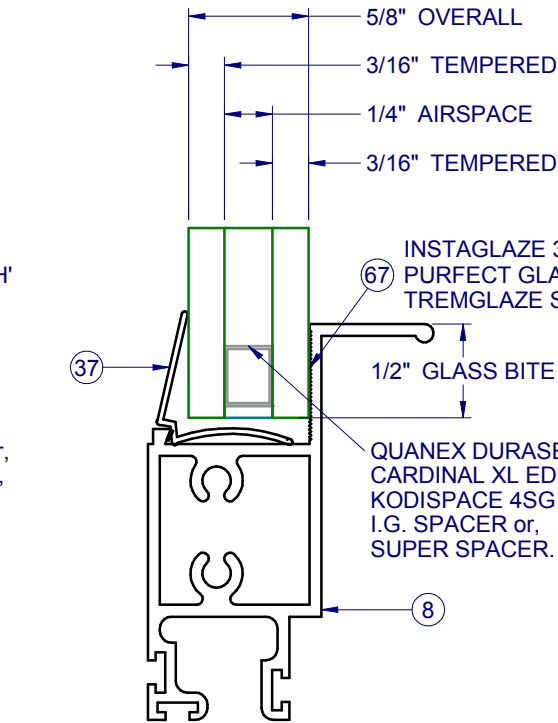
GLASS TYPE E



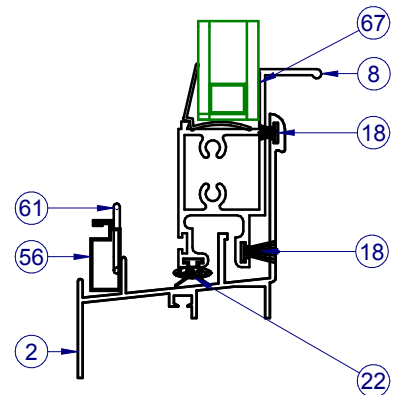
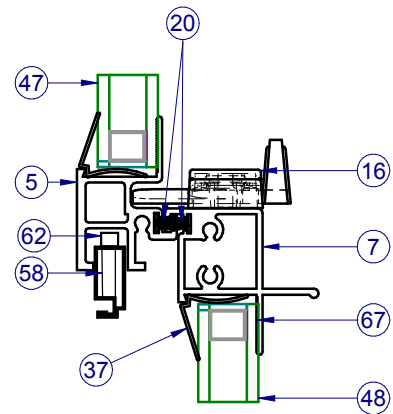
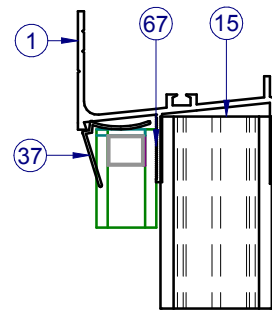
GLASS TYPE F



GLASS TYPE G

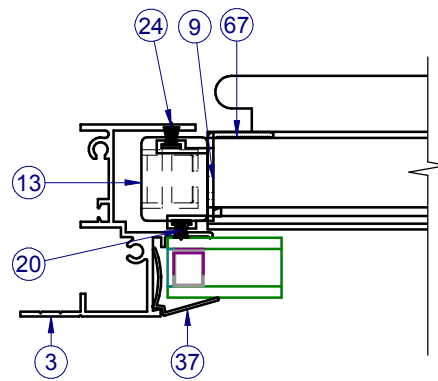


GLASS TYPE H



SECTION VIEW A-A

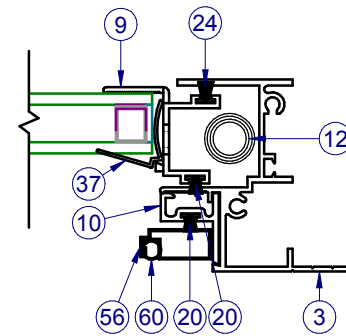
INTERIOR



SECTION VIEW B-B

NOTE: LEFT SIDE SHOWS FIXED SECTION VIEW,  
RIGHT SIDE SHOWS SASH SECTION VIEW

INTERIOR



1900 SW 44TH AVE.  
OCALA, FLORIDA 34474  
WWW.CWS.CC

ASH01

## 3500 ALUM. SINGLE HUNG NON-IMPACT

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN  
THIS DRAWING IS THE SOLE  
PROPERTY OF CUSTOM WINDOW  
SYSTEMS, INC. ANY  
REPRODUCTION IN PART OR AS A  
WHOLE WITHOUT THE WRITTEN  
PERMISSION OF CUSTOM WINDOW  
SYSTEMS, INC IS PROHIBITED.

FLORIDA APPROVAL NO.:

13263



9/16/2026

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:

## SECTION VIEWS

DRAWN BY:

MCS

DATE:

8/20/2026

DWG #:

CWS-515

REV.:

E

SCALE:

1:2

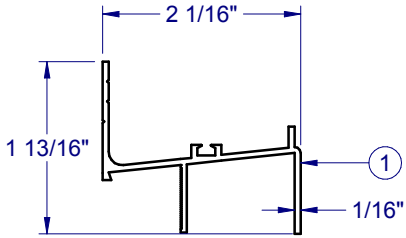
SHEET  
3 OF 6

NOTE: ITEMS NOT SHOWN FOR CLARITY:  
11,14, 23, 26-32, 34, 35, 42, 43-46, 59, 63, 65, 66

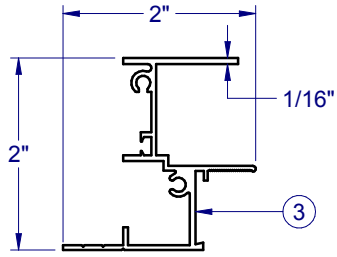
| PARTS LIST |        |                                                    |            |
|------------|--------|----------------------------------------------------|------------|
| Item       | Part # | Description                                        | Material   |
| 1          | S-1326 | Fr. Head, Flg., Head                               | Aluminum   |
| 2          | S-1182 | Fr. Sill, Flg., Sill                               | Aluminum   |
| 3          | S-1077 | Fr. Jamb, Flg.                                     | Aluminum   |
| 5          | H-1563 | Fxd. Mtg. Rail                                     | Aluminum   |
| 7          | H-1072 | Sash Meet. Rail                                    | Aluminum   |
| 8          | H-1181 | Sash Bot./Pull Rail                                | Aluminum   |
| 9          | S-1073 | Sash Side/Top Rail                                 | Aluminum   |
| 10         | S-1074 | Scrn. Adapt., w/o leg, Vert.                       | Aluminum   |
| 12         |        | Sash Balance                                       |            |
| 13         | P-3040 | Sash Cam                                           |            |
| 14         | P-3046 | Take Out Clip                                      |            |
| 15         | P-3043 | Sash Stop                                          |            |
| 16         | P-4707 | SWEEP LOCK, AMBIDEXTROUS                           | Nylon      |
| 18         | P-3305 | Wstp., 0.270 x .187 back FinSeal, Black, SoftTouch | Nylon      |
| 20         | P-3304 | Wstp., .180 x .187 Back, Fin, UltraFin             | Nylon      |
| 22         | P-3011 | Wstp., 0.350 x .187 back, foam filled bulb w/wands | Nylon      |
| 24         | P-3309 | Wstp., 0.210 x .187 back FinSeal, Black, SoftTouch | Nylon      |
| 26         | P-4144 | #8 X 1.000 w 1/4" lead Quad Type A SMS             | Steel      |
| 28         | P-3635 | #8 x 0.750 Quad PH Type A SMS                      | Steel      |
| 29         | P-3515 | #8 x 0.625 Ph FH Type A SMS                        | Steel      |
| 30         | P-3264 | Gasket, Hd. & Sill at Jb.                          | Closed Cel |
| 33         |        | Seam Sealer, SM-5504                               |            |
| 34         | P-3373 | Pad, Sill,                                         | Open Cell  |
| 36         | P-3431 | GLAZING BEAD, SINGLE GLAZED,                       | Metal      |
| 37         | P-3020 | Glazing Bead, Insulated glass                      | PVC        |
| 42         | P-3352 | Set. Blk., 85 Dur., 1/8" x 5/8" x 2" Lg.           |            |
| 47         |        | Glass, Fixed                                       |            |
| 48         |        | Glass, Sash                                        |            |
| 56         | P-3218 | Screen Frame                                       | Alum       |
| 58         | P-4754 | SCREEN CORNER KEY                                  | Alum       |
| 59         | P-4771 | 36"-BetterVue Insect Screen, 18x16                 |            |
| 60         | P-5576 | Screen Spline, .125" Black PE Ribbed               | Nylon      |
| 61         | P-4755 | SCREEN CORNER KEY (Rollform Scrn 1" Offset "w/ saf | Steel      |
| 62         | P-3195 | SPRING, NO HOLE TENSION                            | SS         |
| 66         | S-1114 | HEAD, SH ARCHTOP                                   | Aluminum   |
| 67         |        | SikaFlex 552, Purfect Glaze "H"                    |            |

LINE ITEMS NOT USED:  
6, 11, 19, 25, 27, 31-32, 35, 38-41, 44, 49-55, 57, 63-65

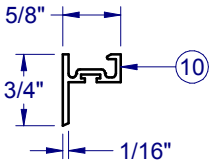
NOTE: ALL ALUMINUM EXTRUSION ARE 6063-T6 UNLESS OTHERWISE NOTED.



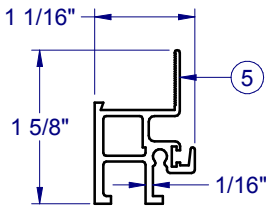
FLANGE HEAD S-1326



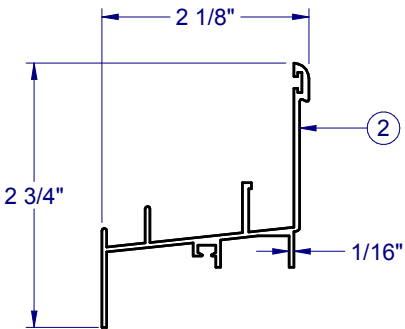
FLANGE JAMB S-1077



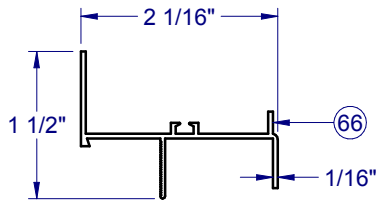
SCREEN ADAPTER S-1074



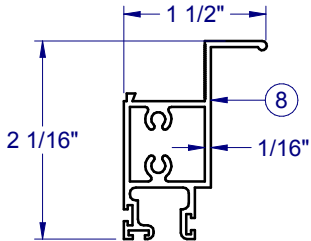
FIXED RAIL H-1563



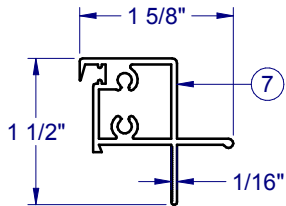
FLANGE SILL S-1182



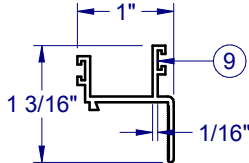
FLANGE HEAD, ARCHTOP S-1114



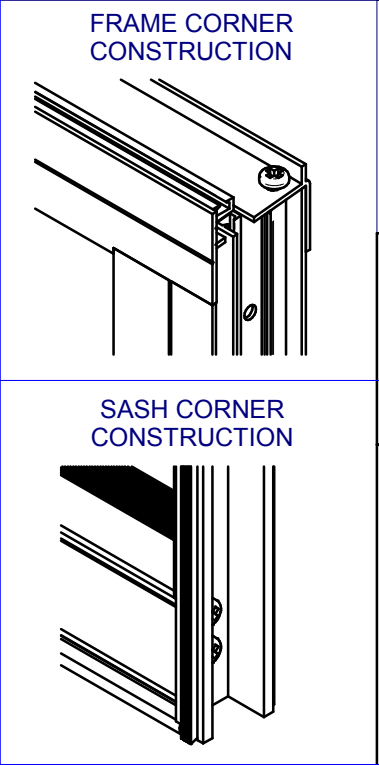
SASH BOTTOM RAIL H-1181



SASH TOP RAIL H-1072



SASH SIDE RAIL S-1073





1900 SW 44TH AVE.  
OCALA, FLORIDA 34474  
WWW.CWS.CC

ASH01

**3500 ALUM.  
SINGLE HUNG  
NON-IMPACT**

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN  
THIS DRAWING IS THE SOLE  
PROPERTY OF CUSTOM WINDOW  
SYSTEMS, INC. ANY  
REPRODUCTION IN PART OR AS A  
WHOLE WITHOUT THE WRITTEN  
PERMISSION OF CUSTOM WINDOW  
SYSTEMS, INC IS PROHIBITED.

FLORIDA APPROVAL NO.:  
13263

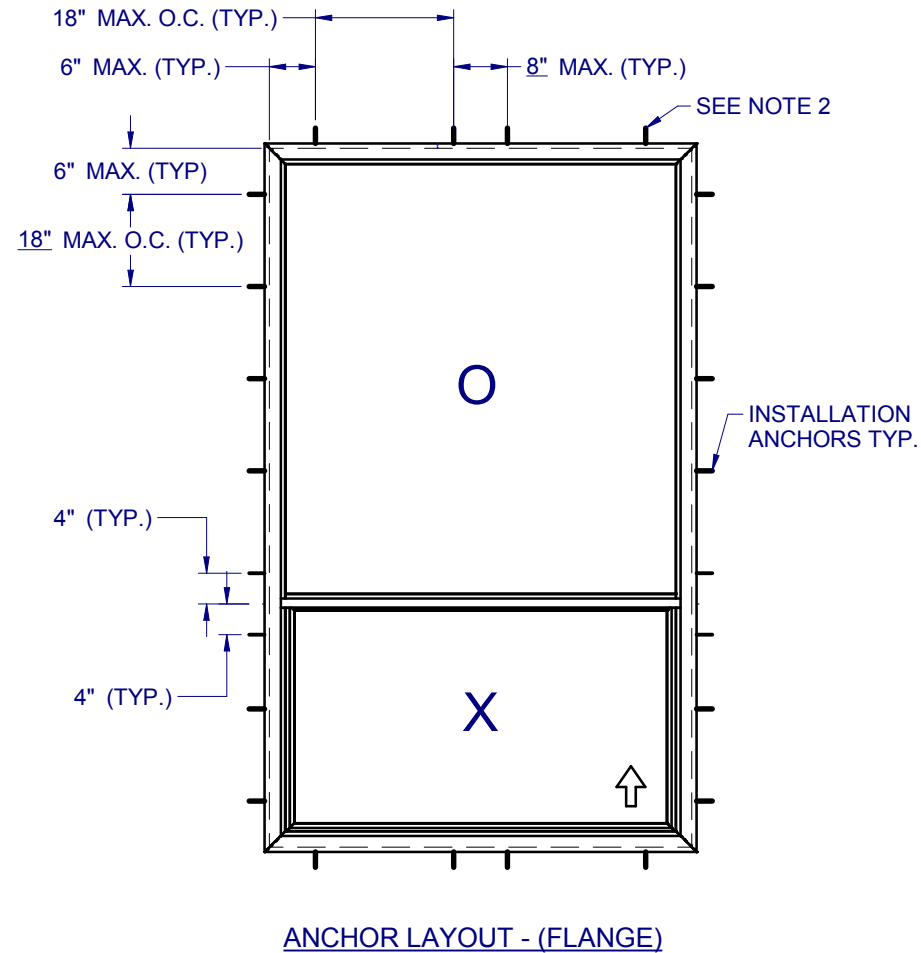
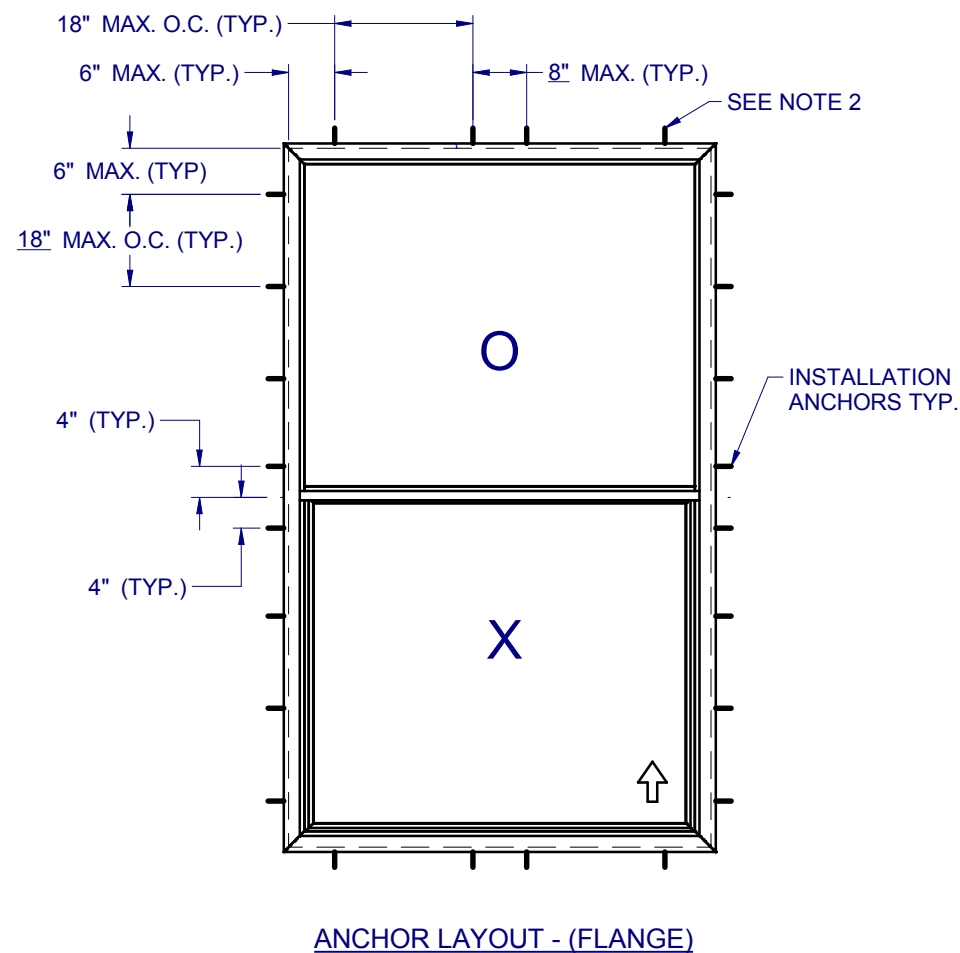


9/16/2026

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:  
**BOM AND EXTRUSIONS**

|                          |                           |
|--------------------------|---------------------------|
| DRAWN BY:<br><b>MCS</b>  | DATE:<br><b>8/20/2026</b> |
| DWG #:<br><b>CWS-515</b> | REV.:<br><b>E</b>         |
| SCALE:<br><b>1:2</b>     | SHEET<br><b>4 OF 6</b>    |



NOTES:

1. INSTALL ONE PAIR OF ANCHORS AT EACH LOCATION CONSISTING OF ONE ANCHOR THRU THE WINDOW FLANGE AND ONE ANCHOR THRU THE WINDOW FRAME. 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 6.
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 6.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.
7. A MINIMUM 1" CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL METAL FASTENERS.
8. PORCH ENCLOSURE 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 6.
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)



1900 SW 44TH AVE.  
OCALA, FLORIDA 34474  
WWW.CWS.CC

ASH01

**3500 ALUM.  
SINGLE HUNG  
NON-IMPACT**

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM WINDOW SYSTEMS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM WINDOW SYSTEMS, INC IS PROHIBITED.

FLORIDA APPROVAL NO.:

13263



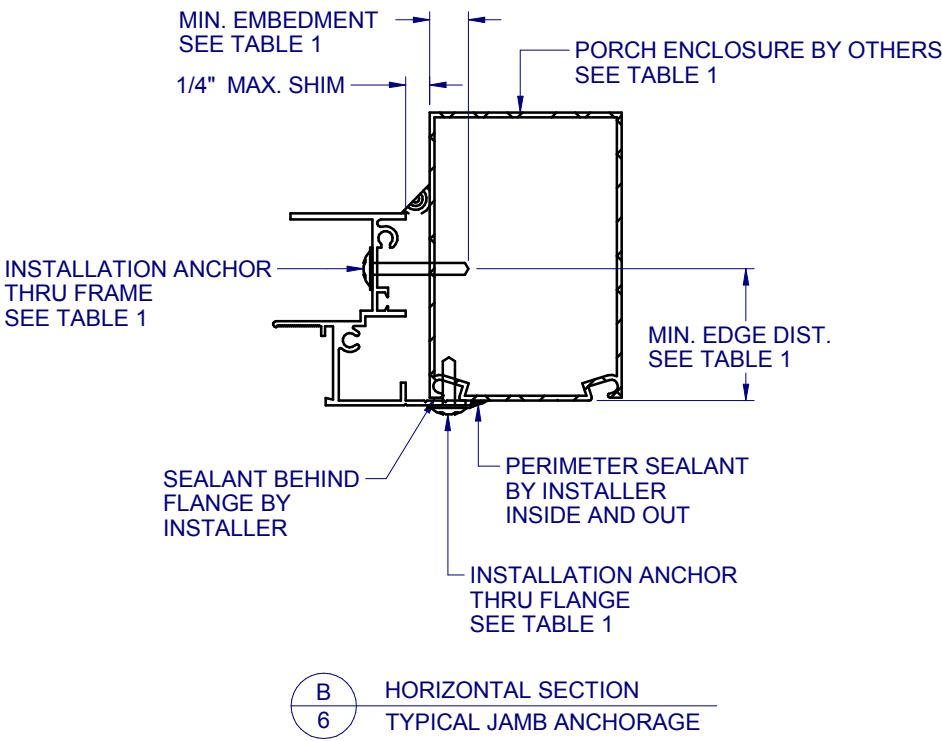
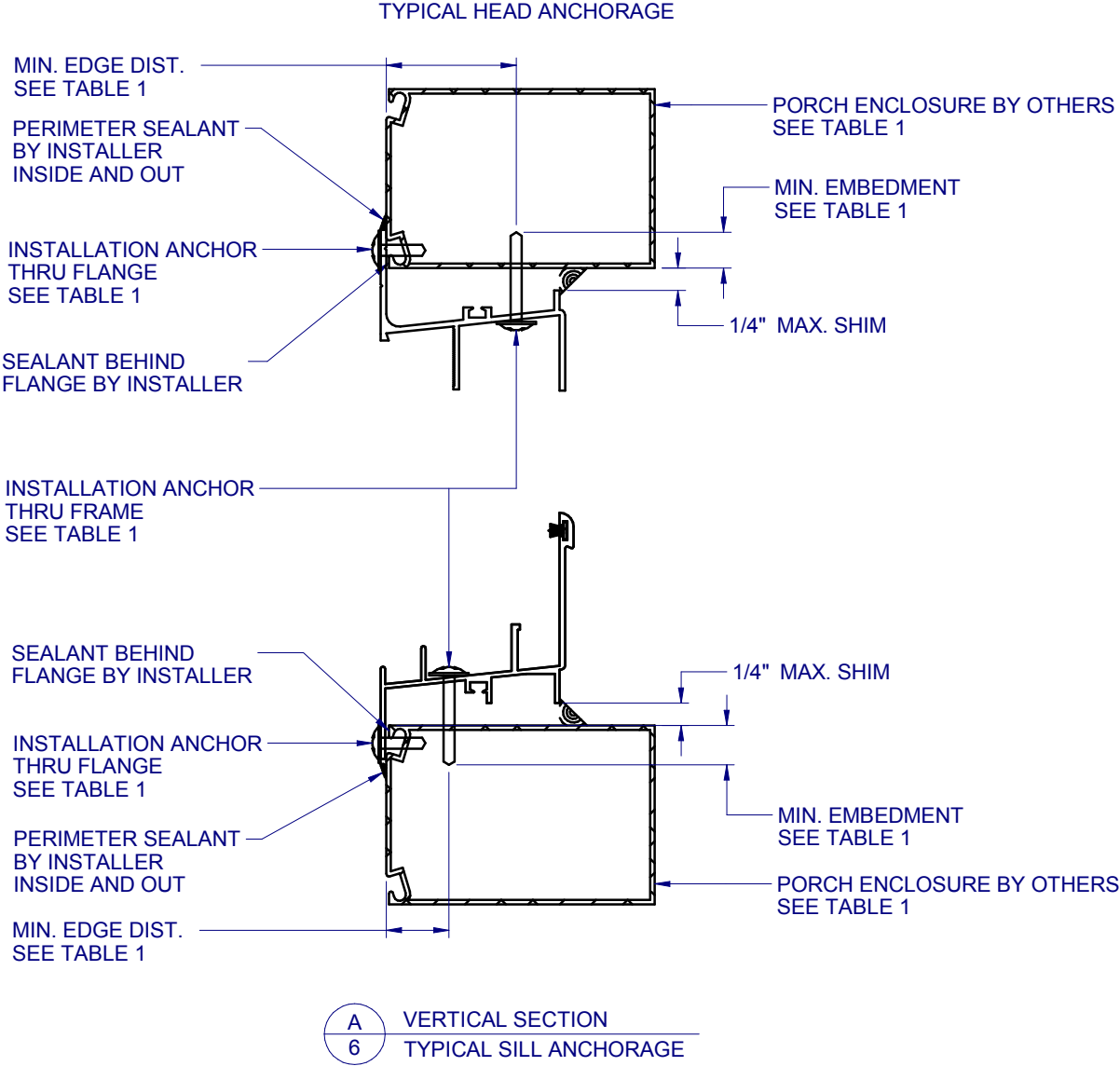
9/16/2026

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:

**ANCHOR SCHEDULE AND NOTES**

|           |           |
|-----------|-----------|
| DRAWN BY: | DATE:     |
| MCS       | 8/20/2026 |
| DWG #:    | REV.:     |
| CWS-515   | E         |
| SCALE:    | SHEET     |
| 1:25      | 5 OF 6    |



FOR INSTALLATIONS WITHIN 3,000 FEET OF A SALTWATER COASTLINE, ANCHORAGE MUST BE REVIEWED FOR COMPLIANCE WITH FBC SECTION 1711 OR SECTION R332 OF THE FLORIDA RESIDENTIAL CODE. REFER TO THE CORRESPONDING EVALUATION REPORT OF THIS APPROVAL FOR ADDITIONAL INFORMATION.

| TABLE 1: APPROVED INSTALLATION FASTENERS |                                                       |                                                       |                         |                 |
|------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------|-----------------|
| LOCATION                                 | SUBSTRATE TYPE                                        | ANCHOR TYPE                                           | MIN. EMBEDMENT          | MIN. EDGE DIST. |
| THRU FRAME                               | 16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN.) | #10-16 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING      | FULL THREAD THRU 0.060" | 1/2"            |
| THRU FRAME                               | 1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.) | #10 GRADE 5 SELF-TAPPING / DRILLING SCREW             | FULL THREAD THRU 0.125" | 1/2"            |
| THRU FLANGE                              | 16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN.) | #8-18 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW | FULL THREAD THRU 0.060" | 1/2"            |
| THRU FLANGE                              | 1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.) | #8 GRADE 5 SELF-TAPPING / DRILLING SCREW              | FULL THREAD THRU 0.125" | 1/2"            |



1900 SW 44TH AVE.  
OCALA, FLORIDA 34474  
WWW.CWS.CC

ASH01

## 3500 ALUM. SINGLE HUNG NON-IMPACT

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM WINDOW SYSTEMS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM WINDOW SYSTEMS, INC IS PROHIBITED.

FLORIDA APPROVAL NO.:

13263



9/16/2026

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:

### INSTALLATION DETAIL

|           |           |
|-----------|-----------|
| DRAWN BY: | DATE:     |
| MCS       | 8/20/2026 |
| DWG #:    | REV.:     |
| CWS-515   | E         |
| SCALE:    | SHEET     |
| 1:2       | 6 OF 6    |