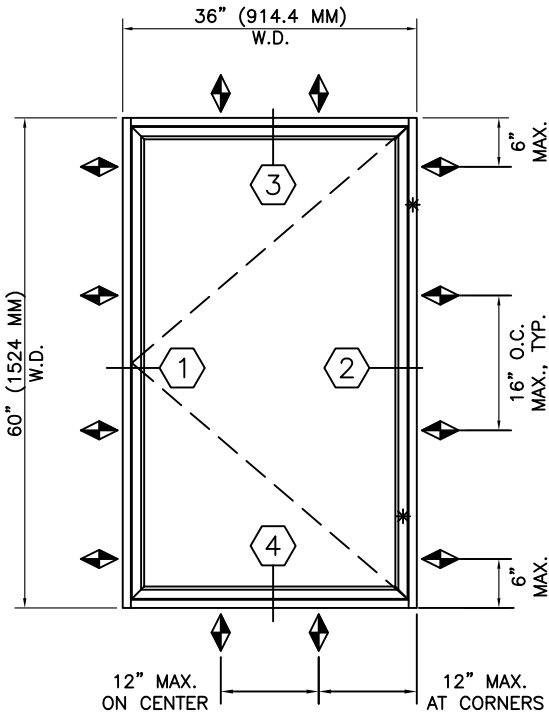
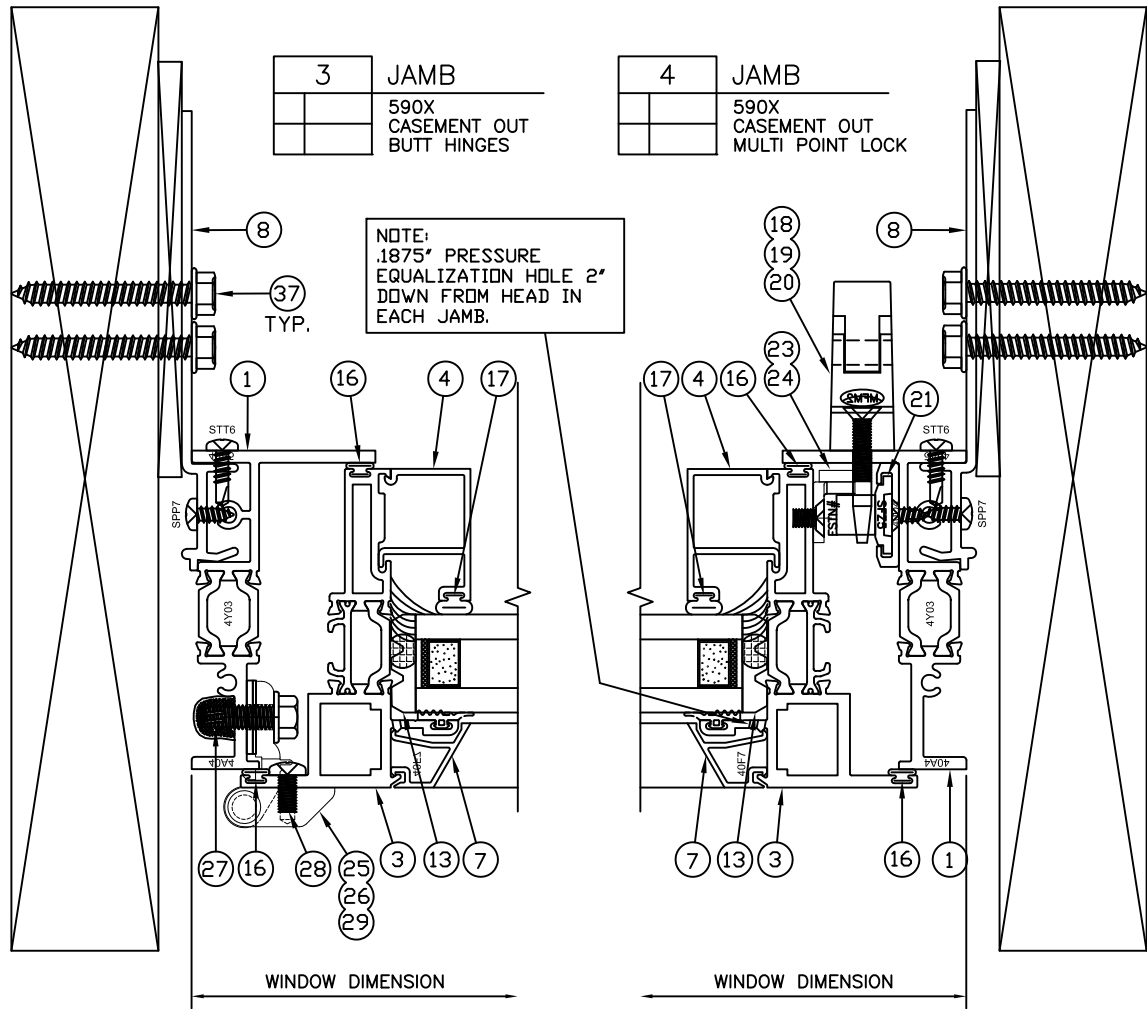


GENERAL NOTES

1. THIS DOCUMENT ADDRESSES ONLY PRODUCT ANCHORAGE TO ACHIEVE THE INDICATED DESIGN PRESSURES AT THE INDICATED SIZES, IN CONFIGURATION INDICATED IN THIS DRAWING. INSTALL PRODUCTS WITH F-ANCHORS WITH 1/4" MAXIMUM SHIM GAP, WITH TWO #14 OR 1/4" SCREWS PER CLIP INTO SOUTHERN PINE MIN. WOOD, AND TWO #8 SCREWS AS INDICATED PER CLIP INTO PRODUCT FRAMING. #14 OR 1/4" INSTALLATION ANCHORS TO MAINTAIN 1" MIN. ON-CENTER SPACING, 1/2" MIN. DISTANCE TO F-CLIP EDGE, AND 1" MINIMUM EDGE DISTANCE AND 1-1/2" MINIMUM EMBEDMENT INTO SOUTHERN PINE MIN. WOOD. WOOD MAY BE WALL FRAMING OR 2X BUCK OVER CONCRETE/MASONRY (ATTACHMENT OF BUCK TO MASONRY BY OTHERS). FOR FULL PRODUCT CONSTRUCTION DETAILS SEE TEST REPORT L2565.01-801-47-R0.
2. THIS PRODUCT AS SHOWN AND GLAZED IN THIS DRAWING, IS NON-IMPACT AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS. THIS PRODUCT HAS BEEN TESTED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, CURRENT EDITION, OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
3. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 COMPLIANT GLASS CALCULATIONS, AND TESTED AIR, WATER, AND STRUCTURAL PRESSURES.
4. THE 4/3 ALLOWABLE STRESS INCREASE FACTOR (SHORT-TERM INCREASE FACTOR) HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF ANCHORAGE INTO WOOD SUBSTRATE.
5. OPENING SUBSTRATE MATERIALS ARE BY OTHERS AND SHALL BE VERIFIED BY THE ARCHITECT OR ENGINEER OF RECORD OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ). BUCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDANCE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE.
6. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED PER FBC TO PREVENT GALVANIC REACTIONS. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH OPENING SUBSTRATES AND ALL OTHER DOOR MATERIALS.
7. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, OR AS APPROVED, SIGNED, AND SEALED BY A FLORIDA-REGISTERED PROFESSIONAL ENGINEER ON A SITE-SPECIFIC BASIS.
8. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND ARE NOT ADDRESSED BY THIS DOCUMENT.



PRODUCT DESIGN PRESSURE: +/-80 PSF

INSULATED GLASS DESCRIPTION

- 1" NOMINAL GLASS THICKNESS
- 1/4" ANNEALED
- 1/2" AIR SPACE (INTERCEPT SPACER)
- 1/4" ANNEALED

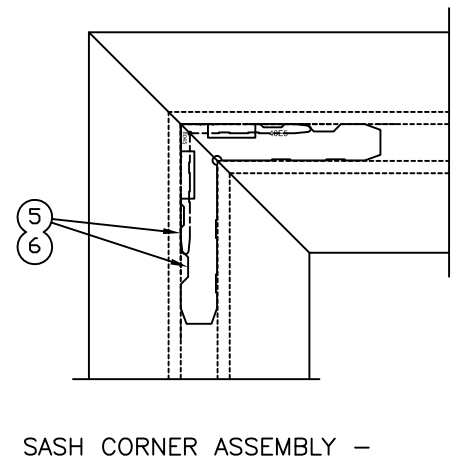
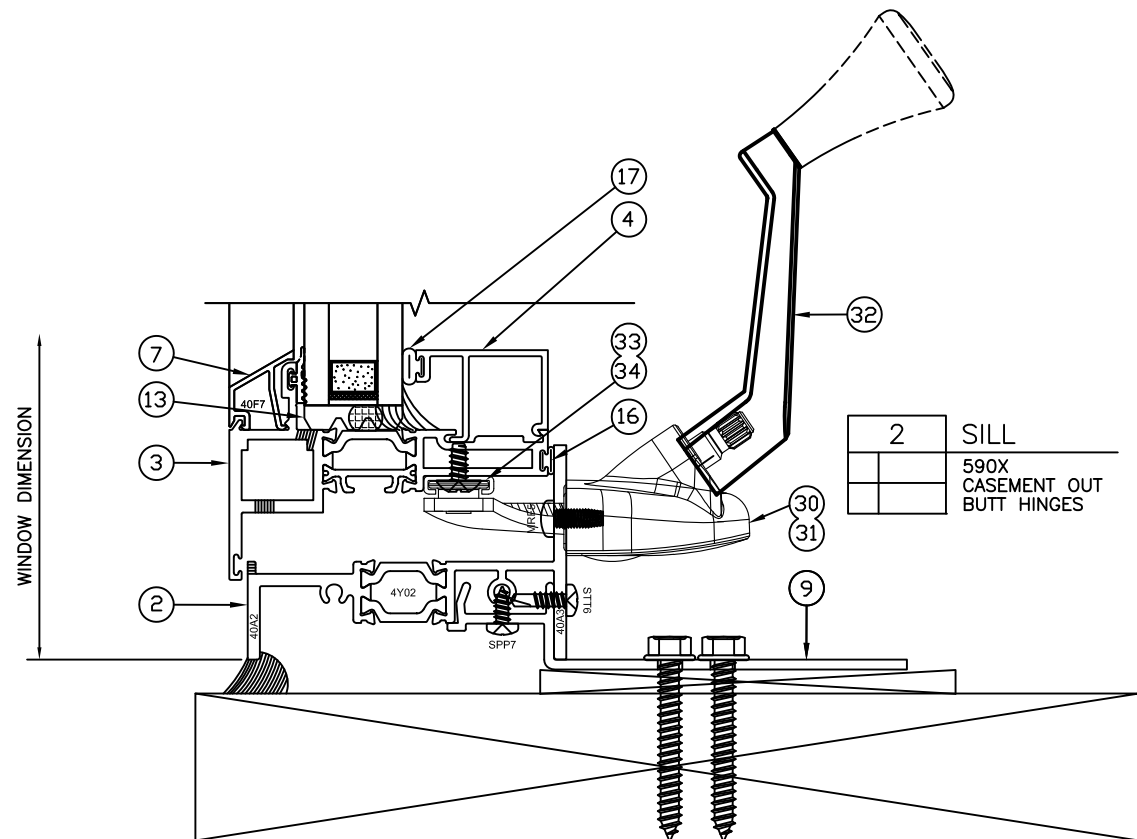
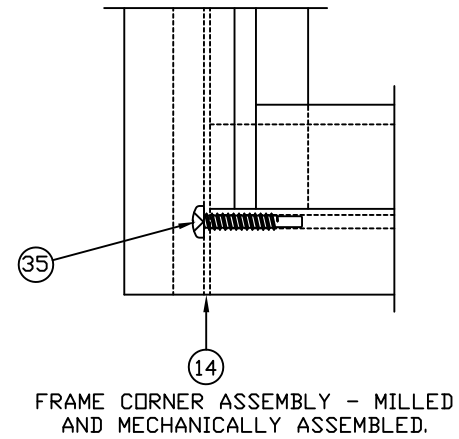
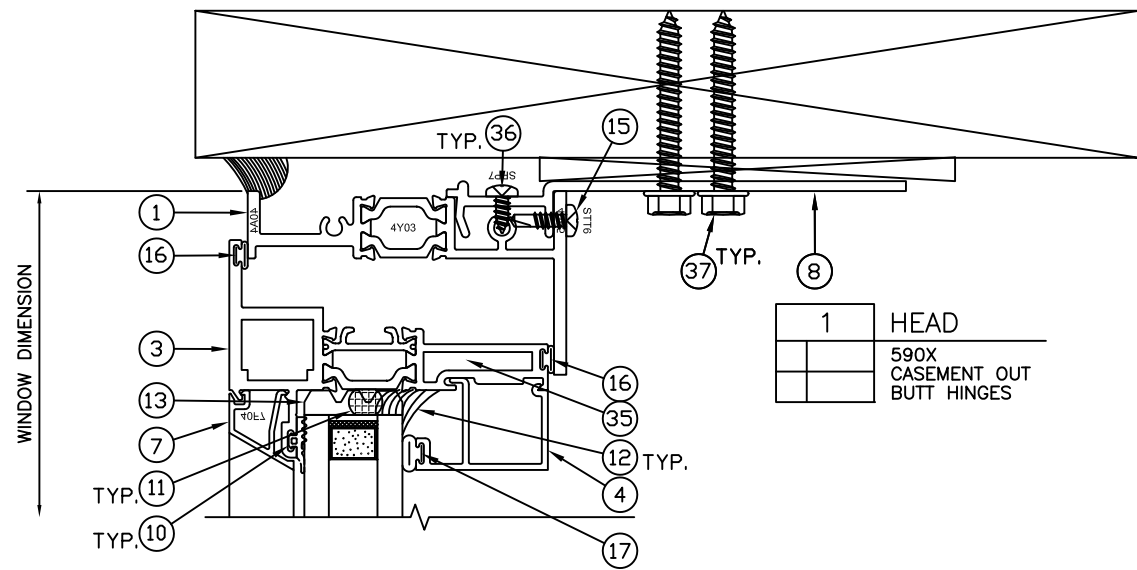
SERIES 590X OUTSWING CASEMENT WINDOW  
NON-IMPACT

| ITEM | PART #    | DESCRIPTION                     |
|------|-----------|---------------------------------|
| 1    | 4Y03      | HEAD/JAMB                       |
| 2    | 4Y02      | SILL                            |
| 3    | 4Y01      | VENT                            |
| 4    | 40F8      | GLAZING BEAD                    |
| 5    | FTA8      | CORNER KEY 40E5 @ .706"         |
| 6    | FTA9      | CORNER KEY 8045 @1.084"         |
| 7    | 40F7      | GRID                            |
| 8    | FTA0      | F-ANCHOR 40D7 @ 2"              |
| 9    | FTB1      | F-ANCHOR 40D8 @ 2"              |
| 10   | W220      | PRE-SHIM GASKET                 |
| 11   | WFR2      | BACKER ROD                      |
| 12   | DC983     | HEAL BEAD SEALANT               |
| 13   | HC85      | GLAZING BLOCK                   |
| 14   | HF24      | FRAME GASKET                    |
| 15   | STT6      | #8-18 X 9/16 SQ-PH-SMS ZC TEK/2 |
| 16   | WA04      | BULB VINYL                      |
| 17   | ----      | BULB VINYL                      |
| 18   | HV50      | MULTI-PT LIFT HANDLE            |
| 19   | HA82      | LIFT HANDLE GASKET              |
| 20   | MFM2      | 10-24 x 3/4" PL-FH-MS 18-8      |
| 21   | HA92/HA95 | LOCKING BARS                    |
| 22   | FTB5      | HARDWARE BRACKET                |
| 23   | HK21      | LOCK POINT KEEPER               |
| 24   | MFM0      | 10-24 x 5/16" PL-FH-MS 18-8 UC  |
| 25   | HC46      | BUTT HINGE                      |
| 26   | H15A      | BUTT HINGE GASKET               |
| 27   | M175      | 1/4"-20 X 3/4" HW-SMS F POINT   |
| 28   | MFM3      | #10-24 X 3/8 PL-PH-MS 18-8      |
| 29   | FDA9      | BUTT HINGE SHIM                 |
| 30   | HV40      | ROTO OPERATOR                   |
| 31   | MRF5      | 10-24 x 1/2" SQ-PH-SMS 18-8 F   |
| 32   | HV47      | OPERATOR HANDLE                 |
| 33   | HV43      | ROTO TRACK                      |
| 34   | STT5      | 10-16 x 3/8" SQ-TH-SMS 18-8 B   |
| 35   | ST04      | #10-16 X 1" PL-PH-SMS 18-8 B-LP |
| 36   | SPP7      | #8-15 X 3/8 SQ-PH-SMS 18-8 A    |
| 37   |           | #14 OR 1/4" INSTALL ANCHOR      |

Lucas  
Turner  
2021.04.19  
20:48:05  
-05'00'



4/19/2021  
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