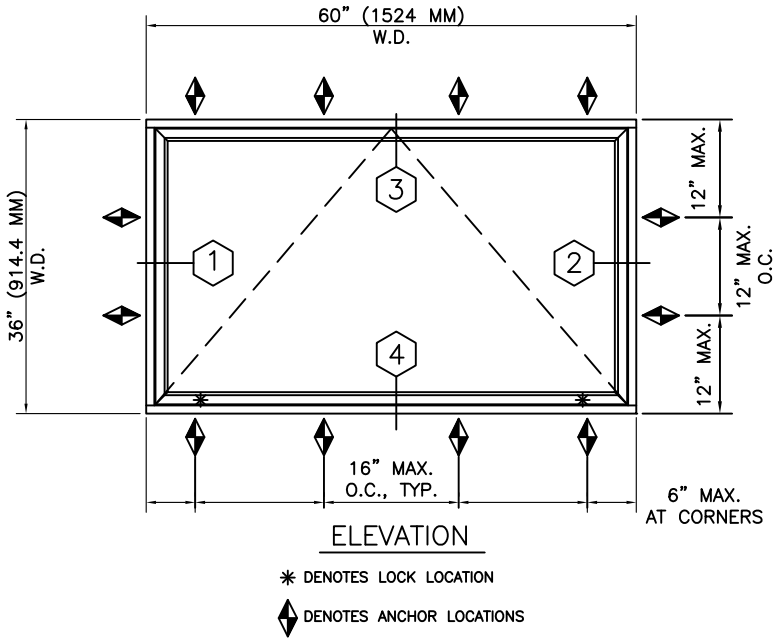


GENERAL NOTES

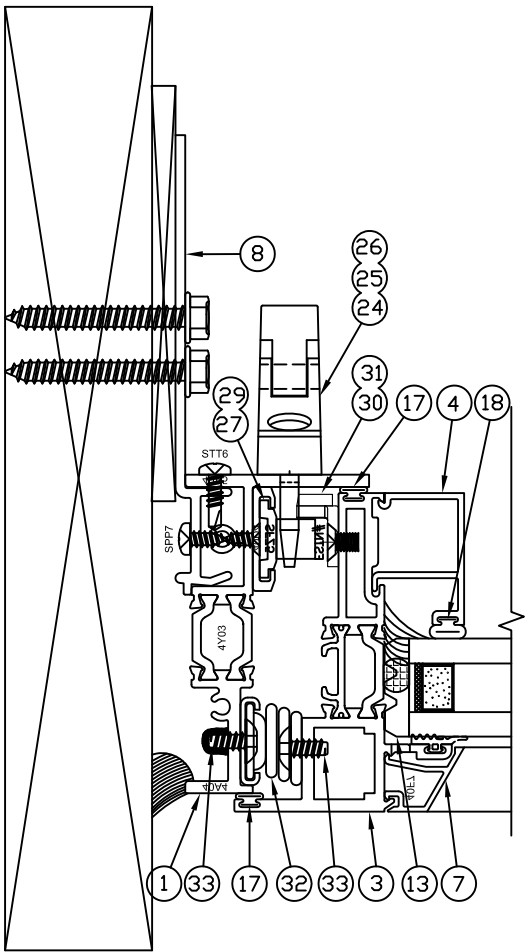
1. THIS DOCUMENT ADDRESSES ONLY PRODUCT ANCHORAGE TO ACHIEVE THE INDICATED DESIGN PRESSURES AT THE INDICATED SIZES, IN CONFIGURATION INDICATED IN THIS DRAWING. INSTALL PRODUCTS WITH F-ANCHORS WITH 1/4" MAXIMUM SHIM GAP, WITH TWO #14 OR 1/4" SCREWS PER CLIP INTO SOUTHERN PINE MIN. WOOD, AND TWO #8 SCREWS 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 L2569.01-801-47-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.

SERIES 590X PROJECT OUT WINDW
NON-IMPACT



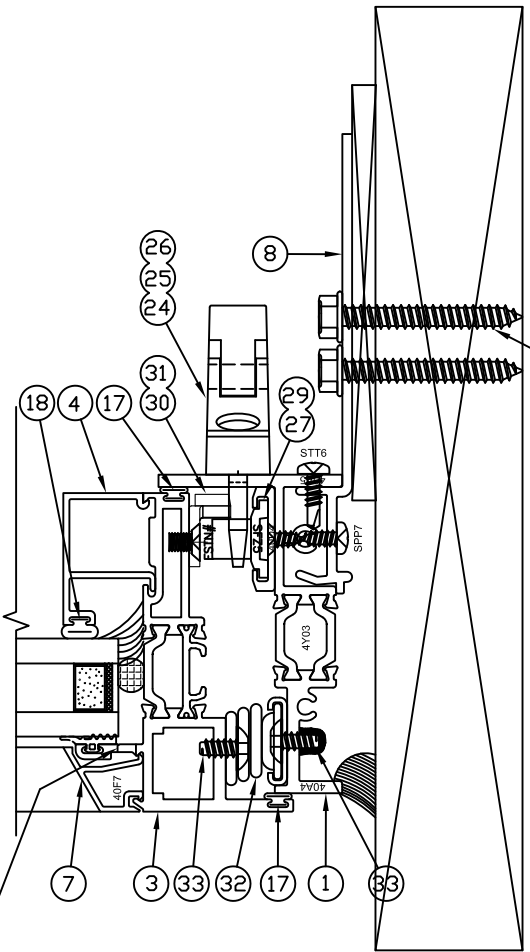
PRODUCT DESIGN PRESSURE: +/-80 PSF

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	STT6	#8-18 X 9/16 SQ-PH-SMS ZC TEK/2
15	HF24	FRAME GASKET
16		
17	WA04	BULB VINYL
18	----	BULB VINYL
19	HV28	ROTO OPERATOR
20	MRF5	10-24 x 1/2" SQ-PH-SMS 18-8 F
21	HV47	OPERATOR HANDLE
22	HU72	ROTO TRACK
23	STT5	10-16 x 3/8" SQ-TH-SMS 18-8 B
24	HA80	MULTI-PT LIFT HANDLE
25	HA82	LIFT HANDLE GASKET
26	MFM2	10-24 x 3/4" PL-FH-MS 18-8
27	HA92	LOCKING BARS
28	FTB3	LOCK BAR HDW. BRACKET NOT SHOWN
29	SFZ5	8-15 x 3/8" PL-FH-SMS 18-8 A UC
30	HK21	LOCK POINT KEEPER
31	MFM0	10-24 x 5/16" PL-FH-MS 18-8 UC
32	LA15	4-BAR ARM
33	STT5	#10-16 X 3/8 SQ-TH-SMS 18-8 B
34	ST04	#10-16 X 1" PL-PH-SMS 18-8 B-LP
35	SPP7	#8-15 X 3/8 SQ-PH-SMS 18-8 A
36		#14 OR 1/4" INSTALL ANCHOR
37		



1	JAMB
	590X
	PROJECT OUT
	4-BAR ARMS

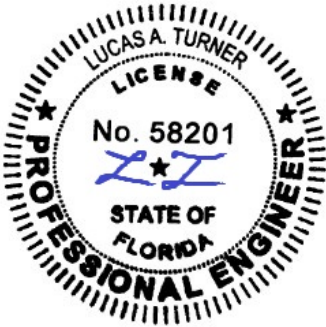
NOTE:
.1875" PRESSURE
EQUALIZATION HOLE 2"
DOWN FROM HEAD IN
EACH JAMB.



2	JAMB
	590X
	PROJECT OUT
	4-BAR ARMS

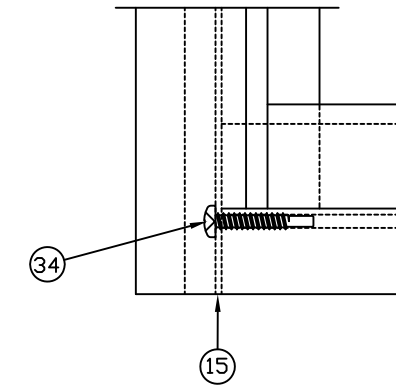
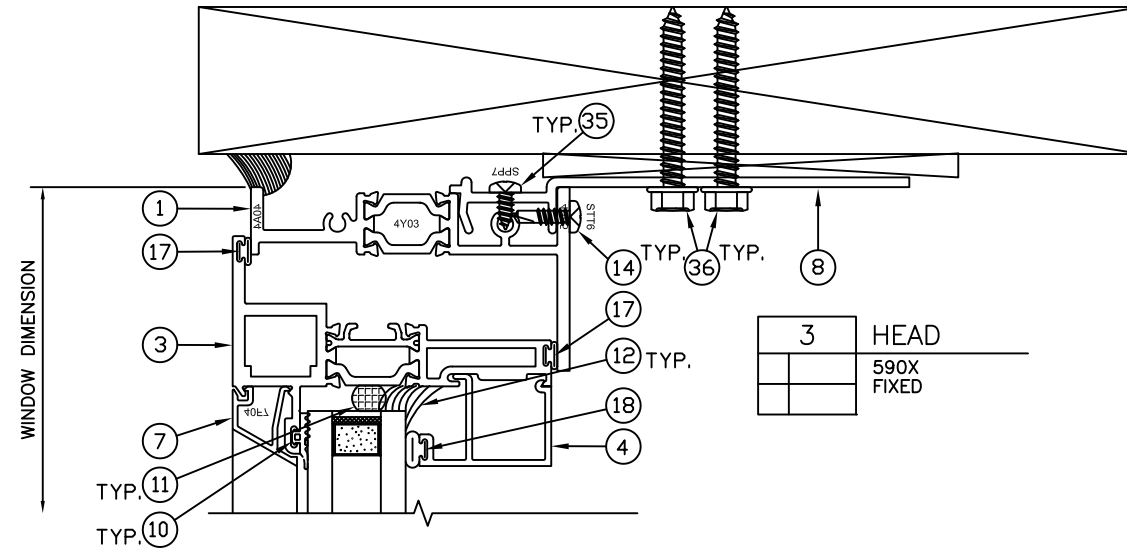
INSULATED GLASS DESCRIPTION

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

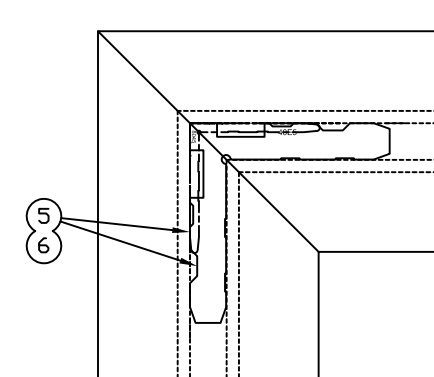
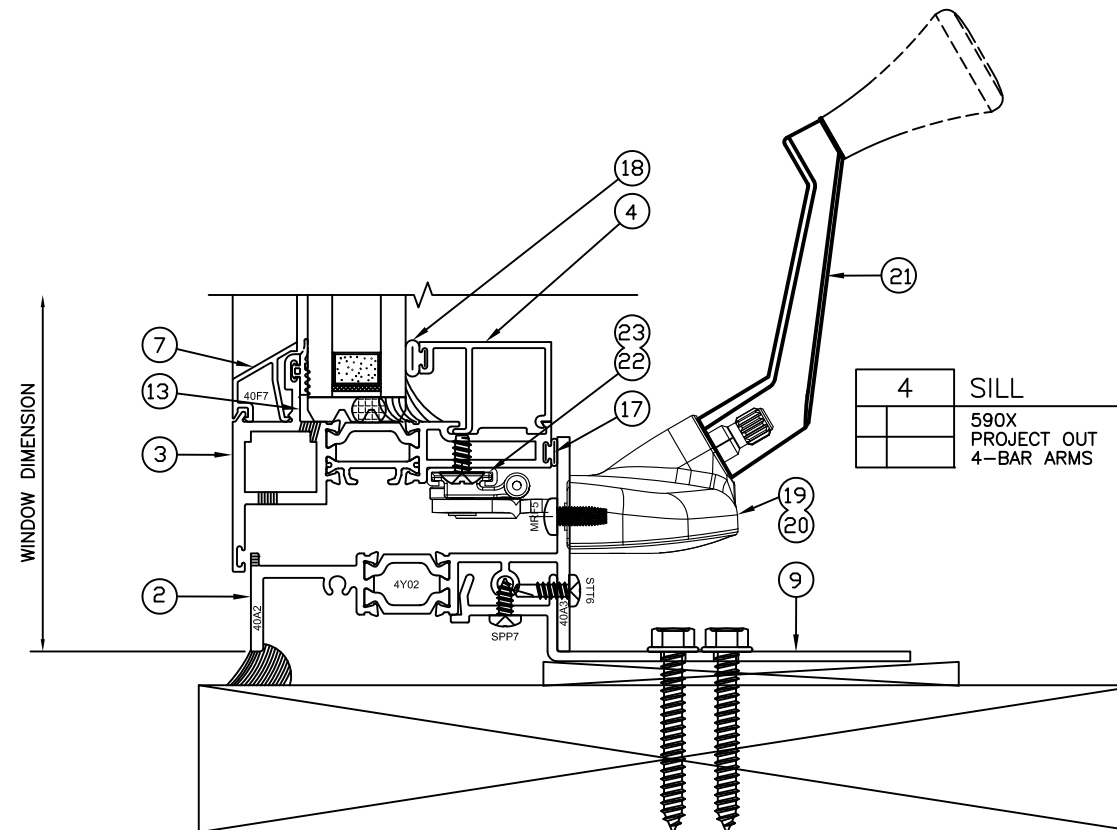


Lucas Turner
2021.04.19
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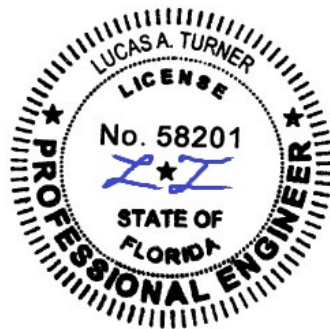
4/19/2021
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc. Trl.
Camden, TN 38320
Ph. 941-380-1574



FRAME CORNER ASSEMBLY - MILLED
AND MECHANICALLY ASSEMBLED.



SASH CORNER ASSEMBLY -



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