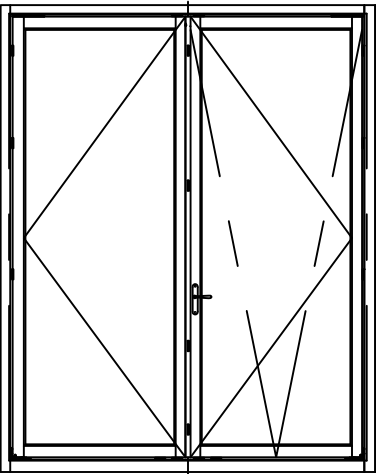


BORGZINNER EURO INSWING WOOD TILT AND TURN WINDOWS

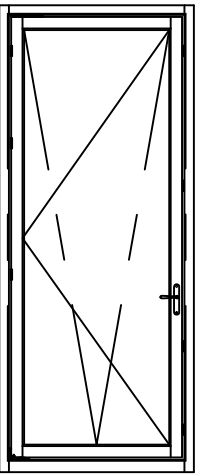
Lucas Turner
2020.10.14
17:58:59
-05'00'

LARGE AND SMALL MISSILE IMPACT RESISTANT

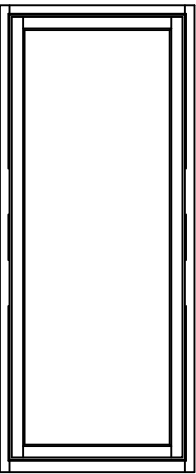
DOUBLE AND SINGLE TILT AND TURN SASH
DESIGN PRESSURE RATING = + 70.0 PSF
 - 70.0 PSF



DOUBLE TILT & TURN SASH



SINGLE TILT & TURN SASH



SINGLE FIXED SASH

GENERAL NOTES:

- 1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF SHUTTERS.
- 2. THIS PRODUCT HAS BEEN TESTED TO TAS 201-94, TAS 202-94, AND TAS 203-94, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 7TH EDITION (2020), INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
- 3. ALLOWABLE CONFIGURATIONS: O (SINGLE FIXED), X (SINGLE VENT), OR XX (VENT-VENT)
- 4. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED PRESSURES.
- 5. THE 4/3 ALLOWABLE STRESS INCREASE 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.
- 6. INSTALLATION OF WOOD BUCKS TO THE SUBSTRATE TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGN & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. ALL DETAILS IN THIS DRAWING WHICH SHOW INSTALLATION TO WOOD BUCKS ALSO APPLY IF WOOD BUCKS ARE OPTIONALLY INSTALLED BY OTHERS OVER CONCRETE OR MASONRY SUBSTRATE.
- 7. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED PER FBC TO PREVENT GALVANIC REACTIONS.
- 8. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
- 9. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- 10. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING APPLIED LOADS FROM THE PRODUCTS TO THE OPENING SUBSTRATES. SHIM EACH ANCHOR LOCATION WHERE GAP GREATER THAN 1/16" EXISTS BETWEEN PRODUCT FRAME AND OPENING SUBSTRATE.
- 11. ALL BORGZINNER WOOD FRAMING TO BE SAPELLE WITH MIN. SPECIFIC GRAVITY OF 0.46

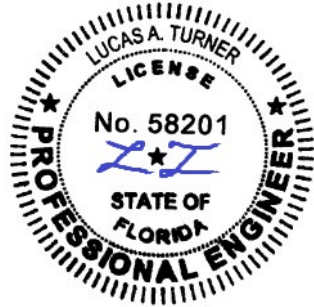
FRAME ANCHOR REQUIREMENT TABLE			
FRAME AND SILL SCREWS			
OPENING TYPE (SUBSTRATE)	INSTALLATION FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X MIN. SOUTHERN PINE (G=0.55)	THROUGH ANCHOR PLATES, BOM ITEM 20. TWO #10 STAINLESS STEEL WOOD SCREWS INTO PRODUCT AT EACH PLATE, AND FOUR #10 STAINLESS STEEL WOOD SCREWS INTO WOOD BUCK AT EACH PLATE	1 1/4"	3/4"

CORNER CONSTRUCTION

- FRAME: VERTICAL MEMBERS ARE MORTISED AND JOINED TO HORIZONTAL MEMBERS WITH AND HELD TOGETHER WITH WEST SYSTEM 205 GLUE
- SASH: CONSTRUCTED USING 3 FINGER JOINTS AND HELD TOGETHER WEST SYSTEM 205 GLUE

TABLE OF CONTENTS:

SHEET	DESCRIPTION
1	GEN. NOTES, ANCHOR TABLE
2	ELEVATIONS
3	MULTIPOINT LOCK LOC.
4-6	DETAILS/SECTIONS
7	PROFILE DRAWINGS, JOINERY
8	BILL OF MATERIALS



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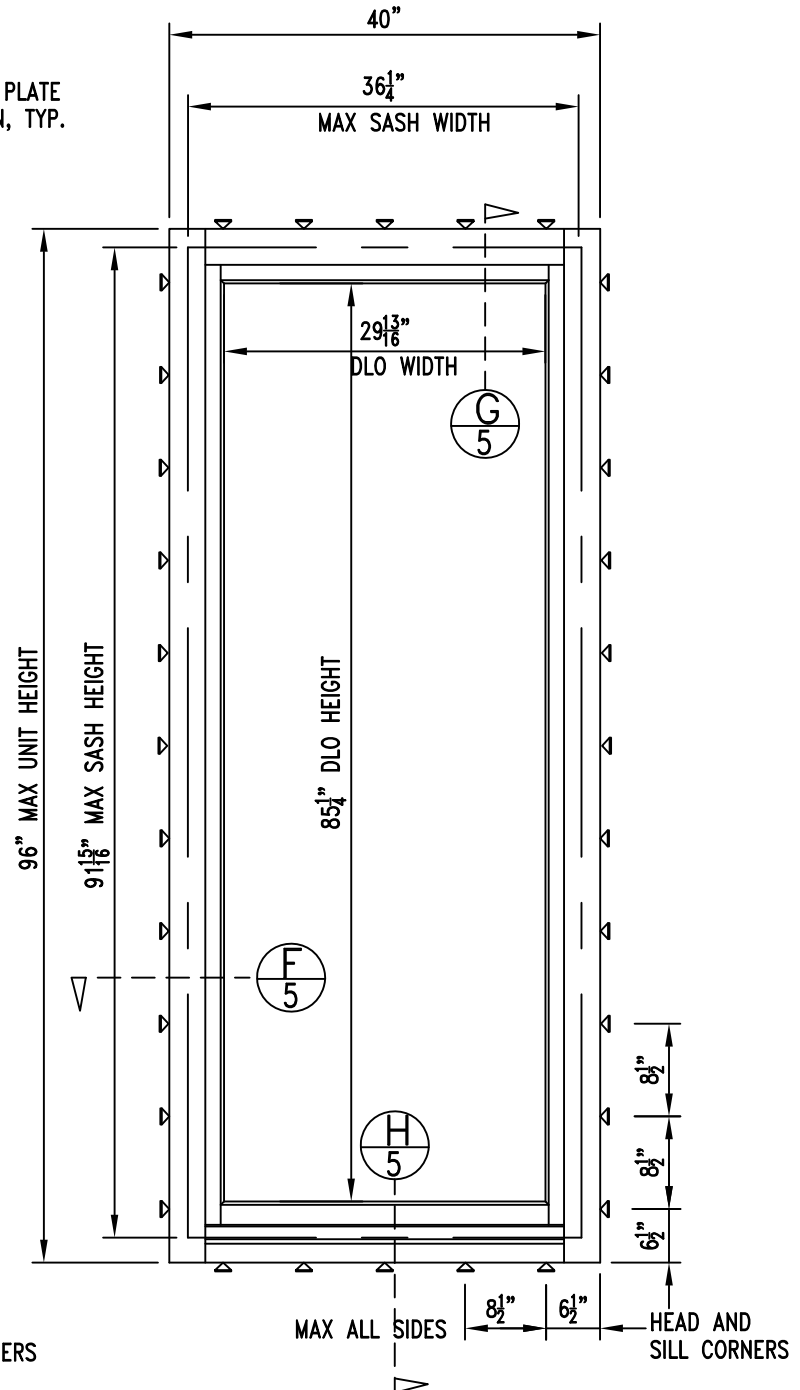
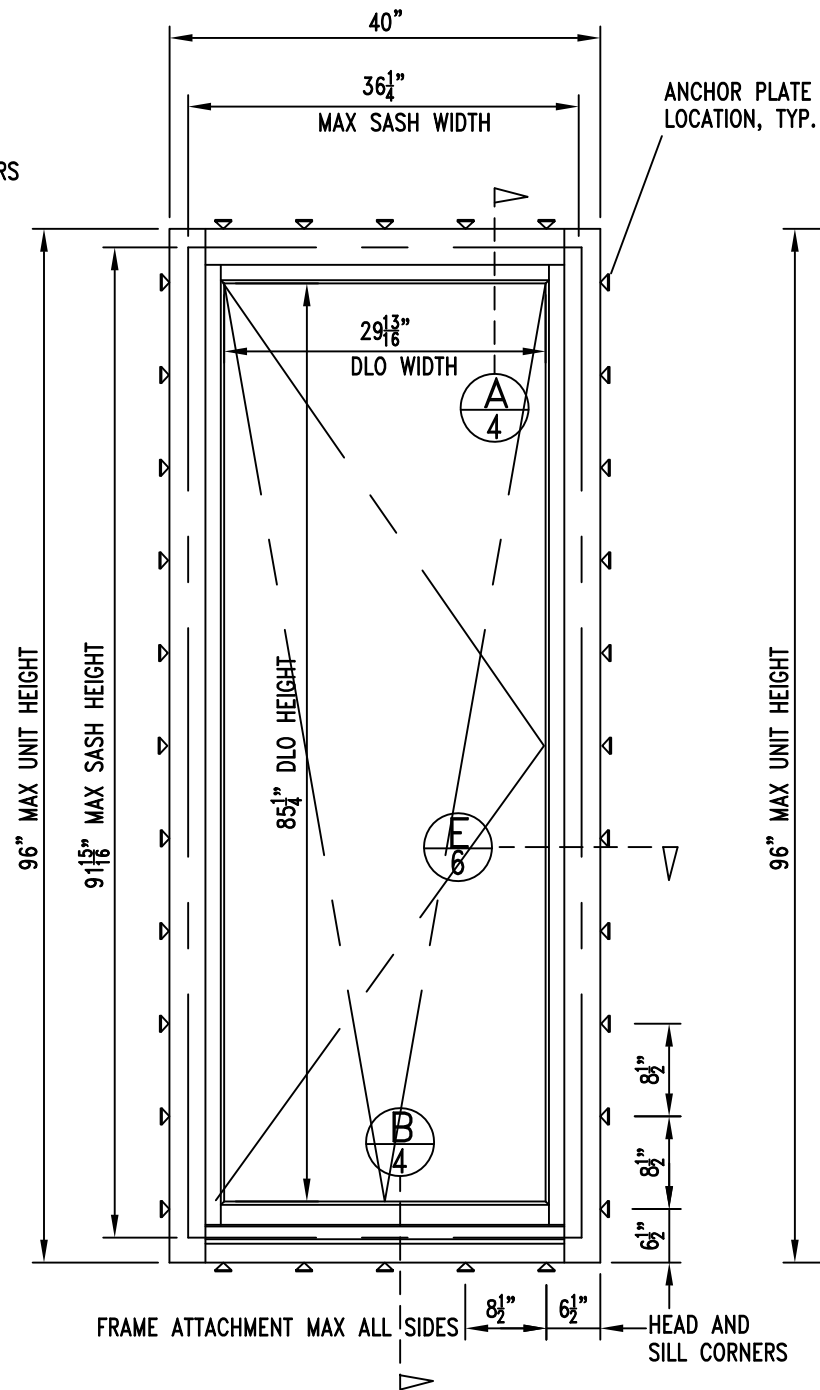
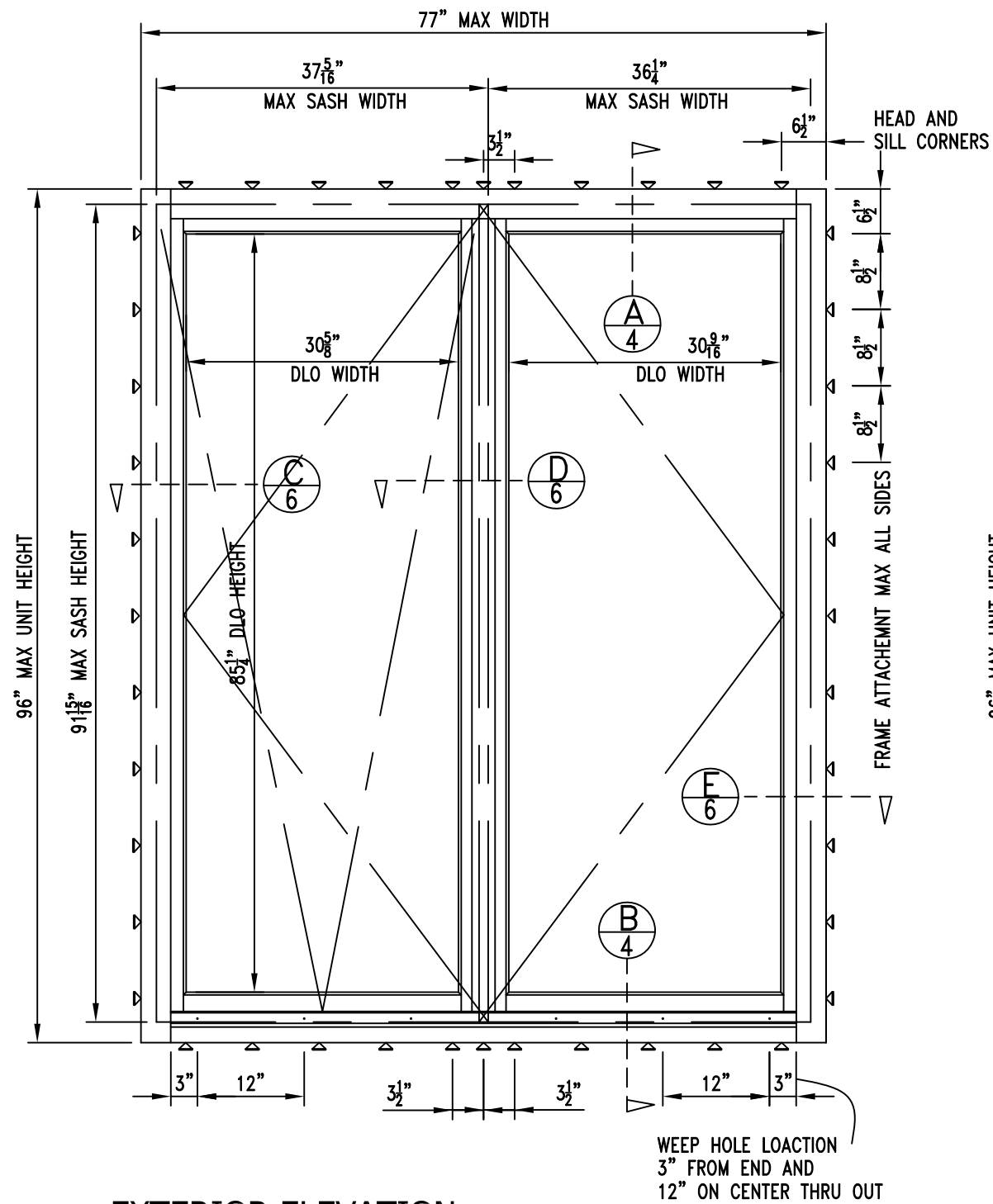
EURO INSWING WOOD TILT AND
TURN WINDOWS

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TURNER ENGINEERING & CONSULTING, INC.
(FBPE COA # 29779)
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CAMDEN, TN 38320

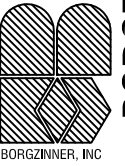
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SHEET NO. 1 OF 8								

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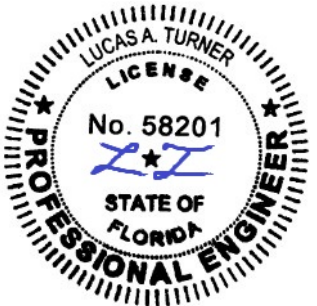
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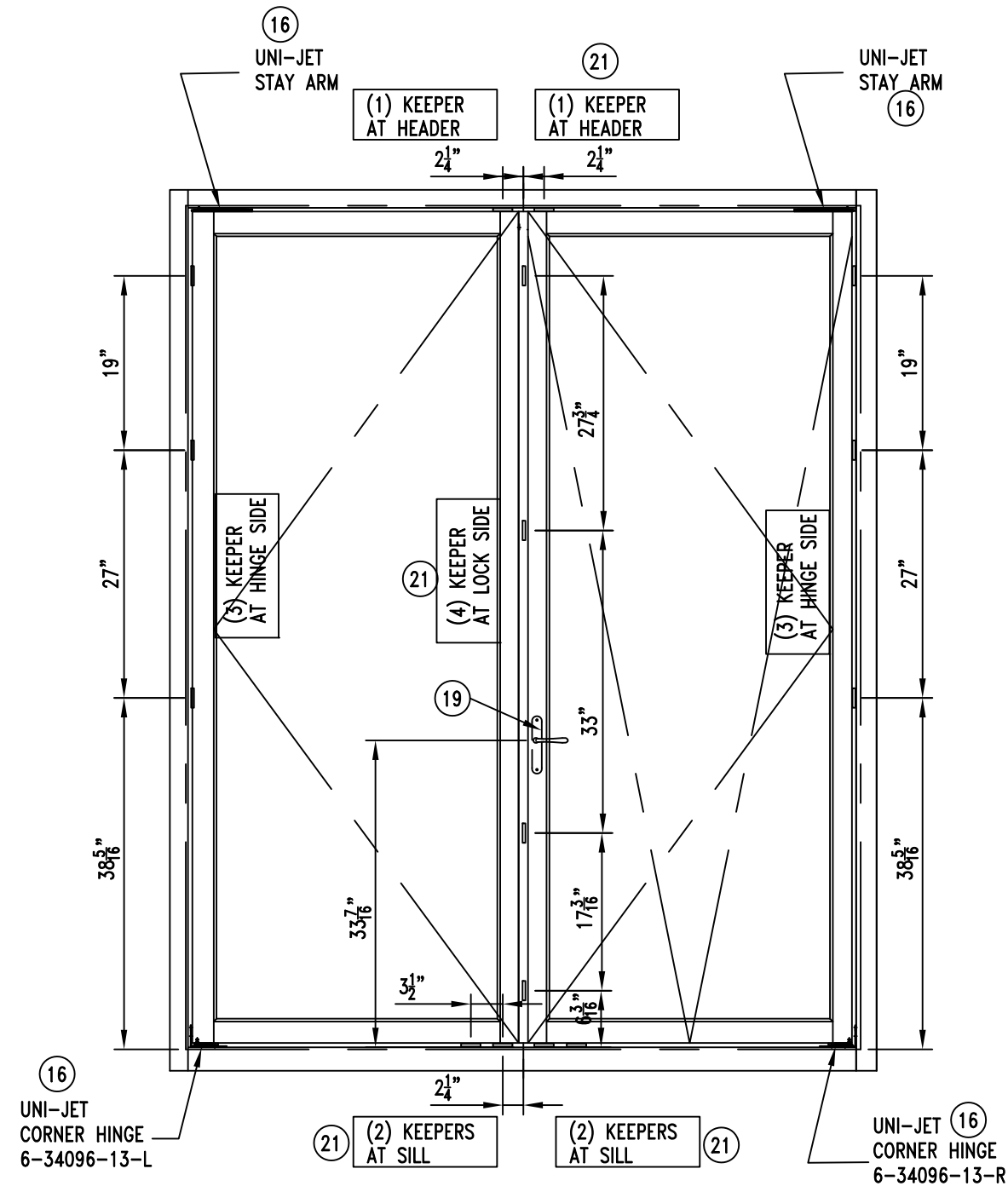


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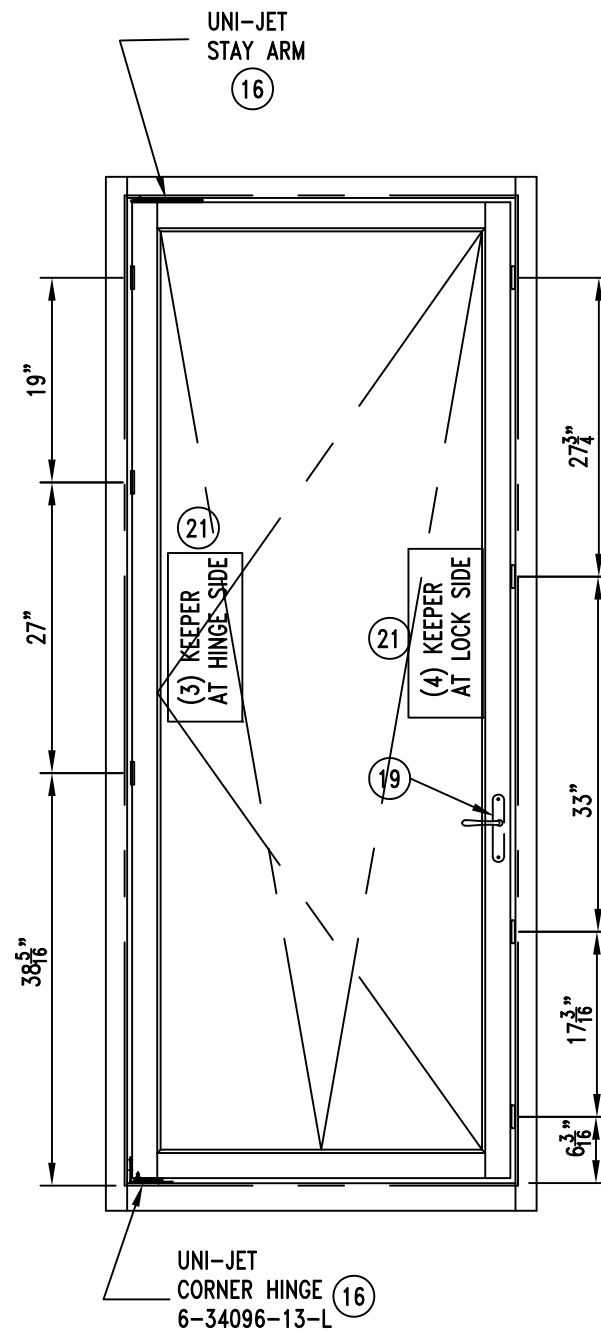
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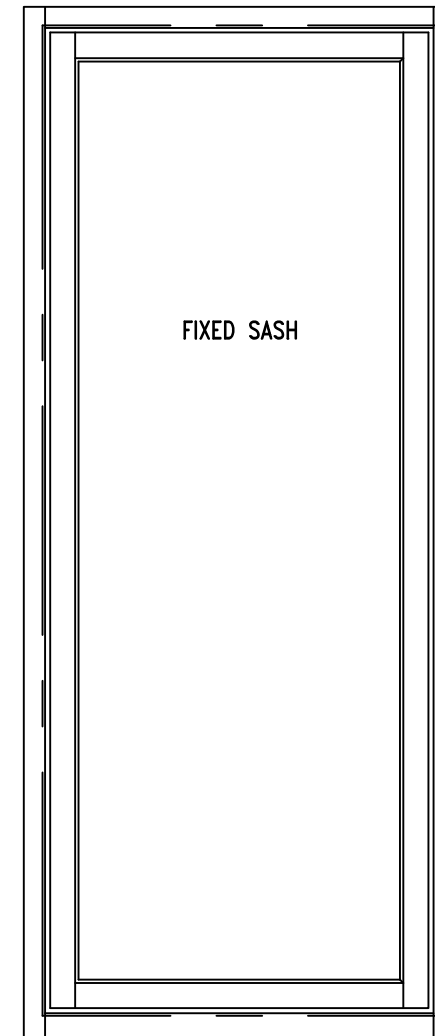
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SHEET NO. 2 OF 8					



INTERIOR ELEVATION
DOUBLE TILT & TURN SASH



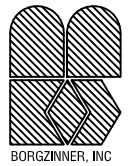
INTERIOR ELEVATION
SINGLE TILT & TURN SASH



INTERIOR ELEVATION
FIXED SASH

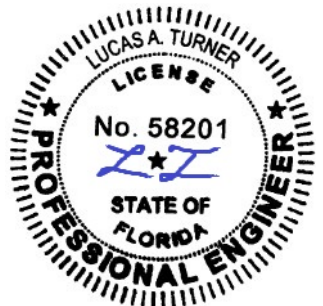
MULTIPOINT LOCK KEEPER LOCATIONS

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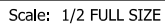
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TURN WINDOWS

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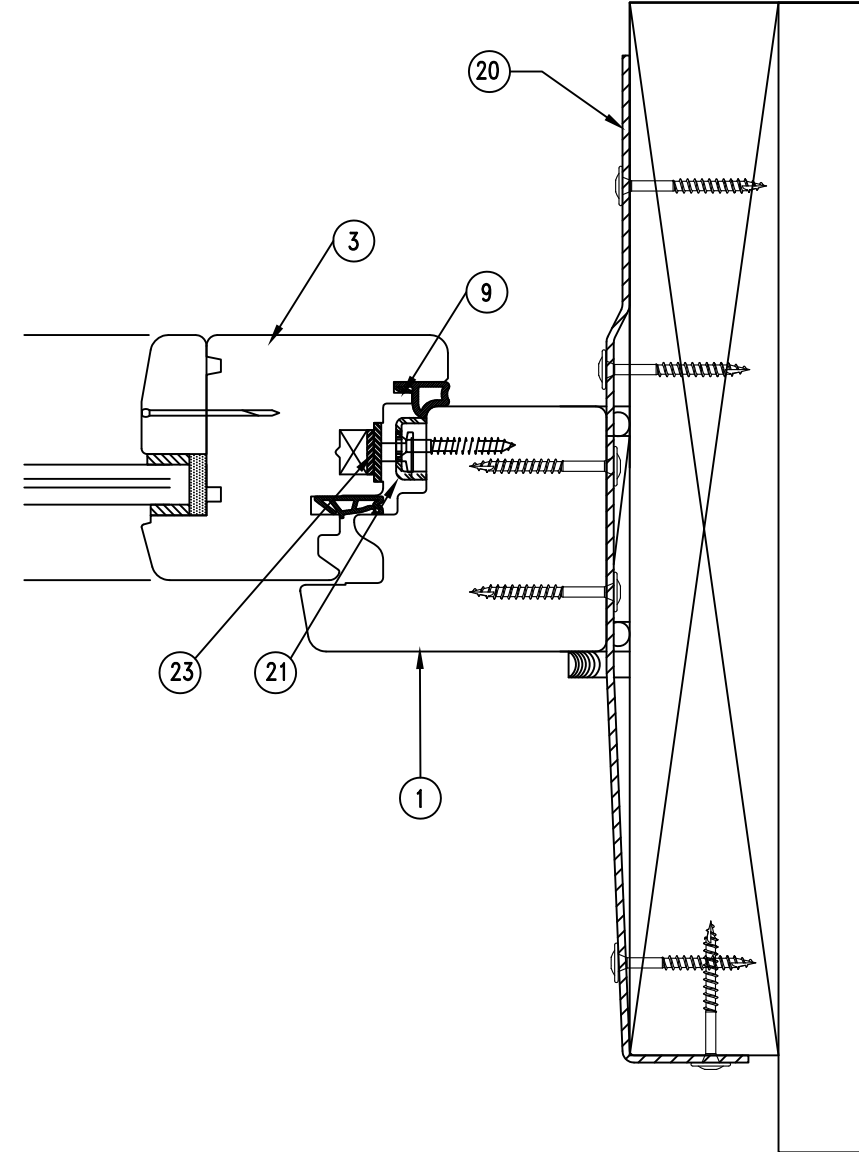
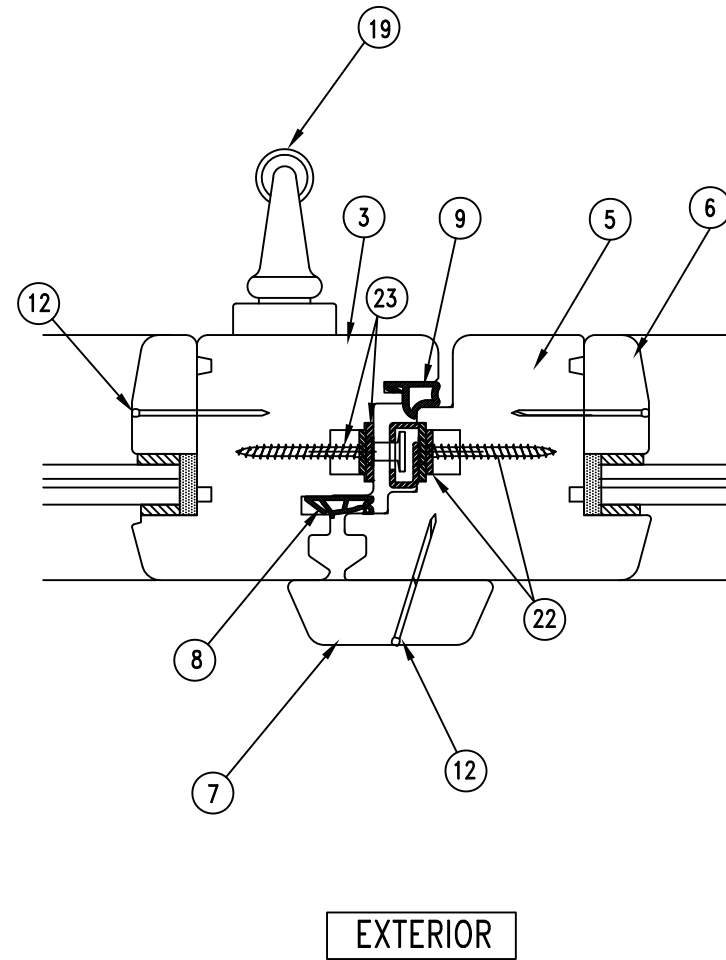
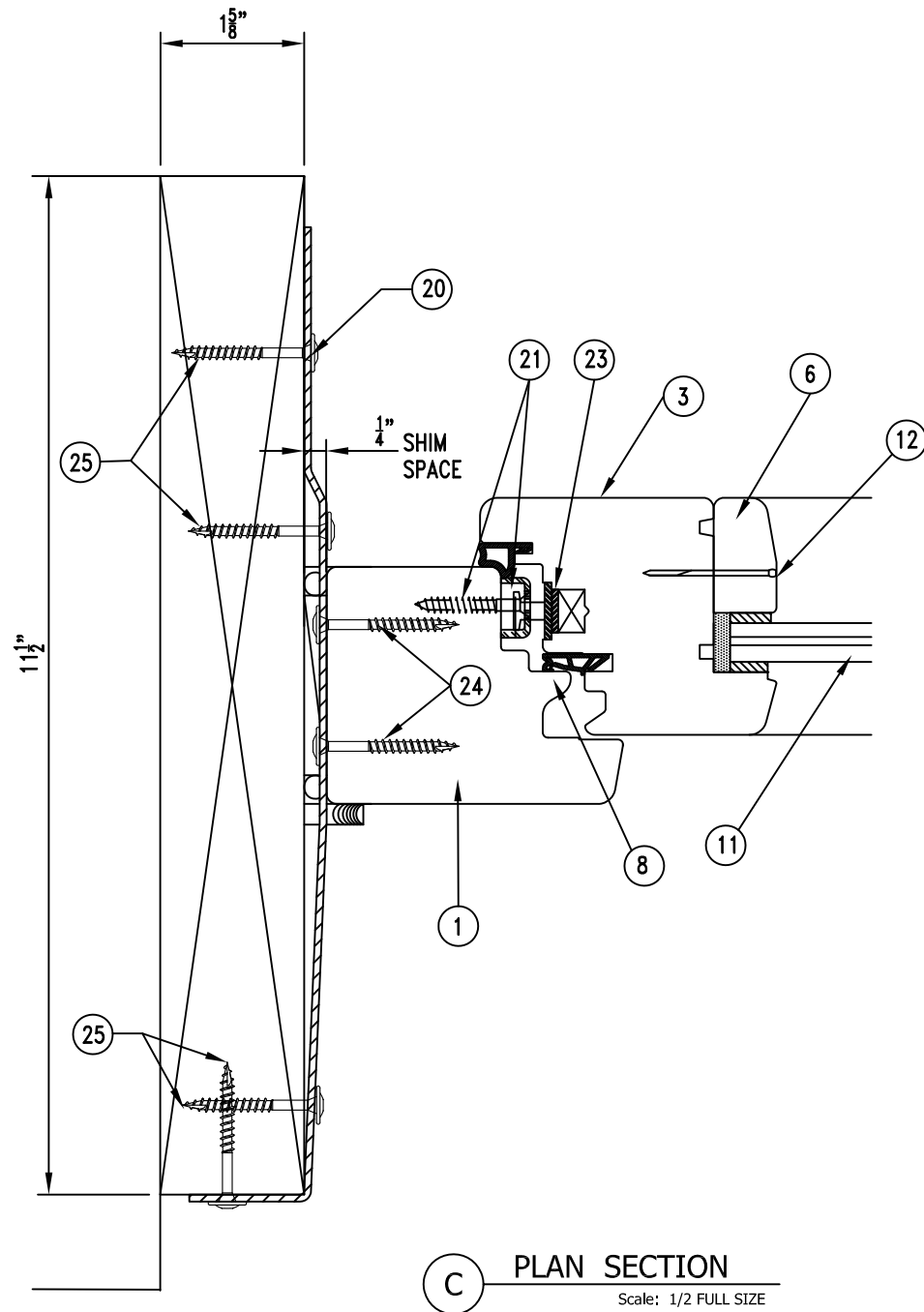


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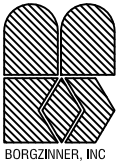
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SHEET NO. 5 OF 8



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No. 58201

STATE OF
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10/14/2020
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EURO INSWING WOOD TILT AND TURN WINDOWS

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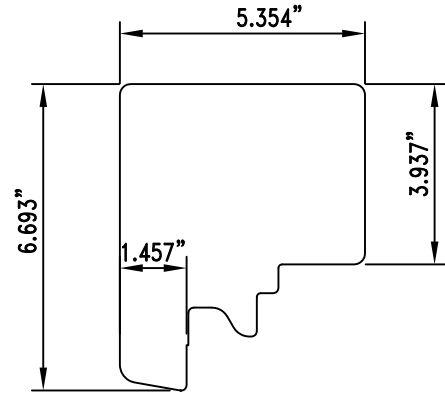
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CAMDEN, TN 38320

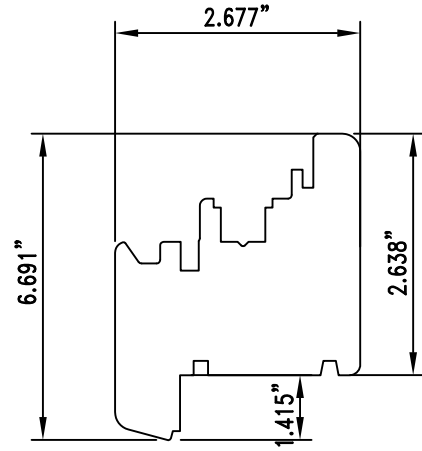
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SHEET NO. 6 OF 8			

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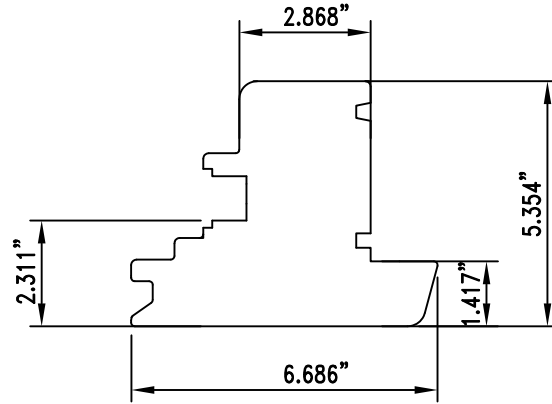
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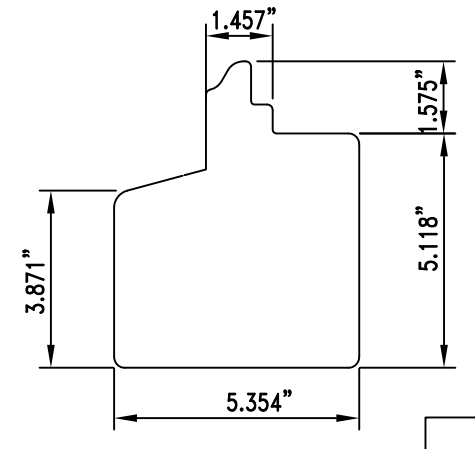
1 HEAD AND SIDE JAMB
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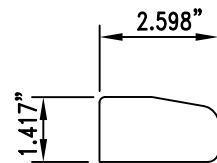
4 HORIZONTAL STILE
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5 LOCKING STILE
Scale: 1/2 FULL SIZE



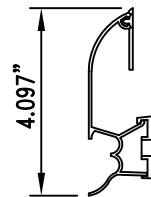
2 SILL
Scale: 1/2 FULL SIZE



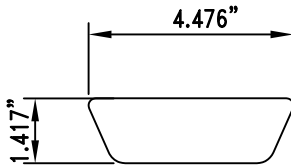
6 GLAZING STOP
Scale: 1/2 FULL SIZE



8 GASKET
Scale: 1/2 FULL SIZE



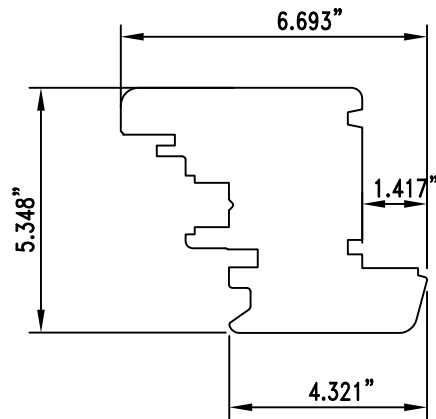
10 GASKET
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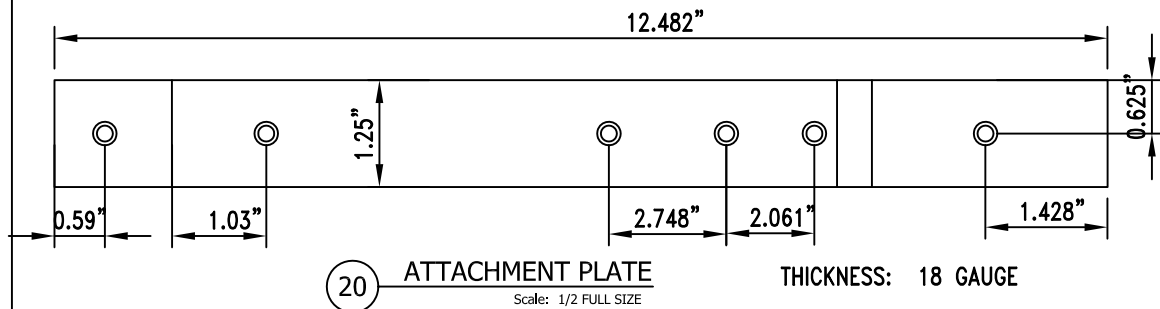
7 ASTRAGAL
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9 GASKET
Scale: 1/2 FULL SIZE

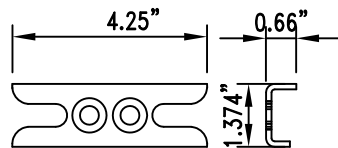


3 VERTICAL STILE
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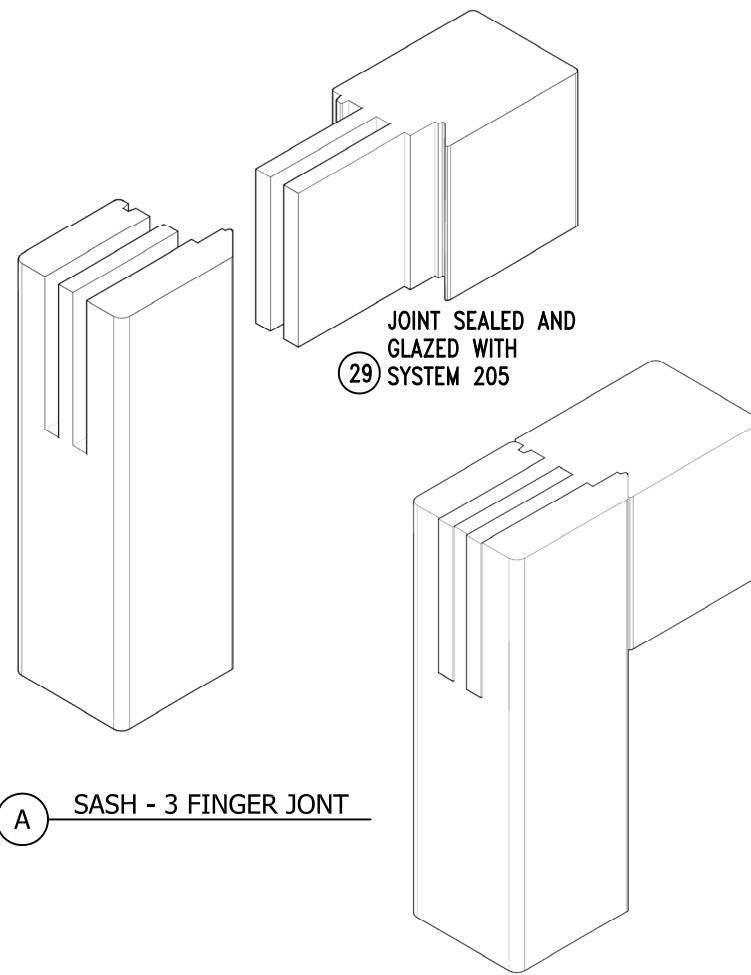


20 ATTACHMENT PLATE
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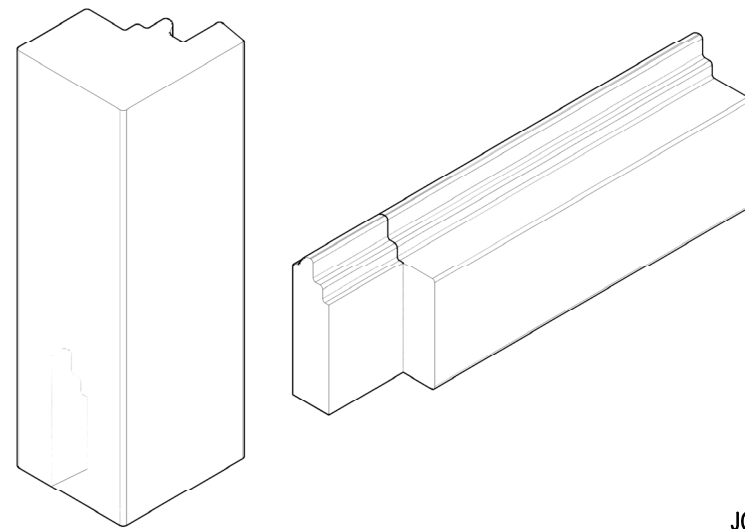
THICKNESS: 18 GAUGE



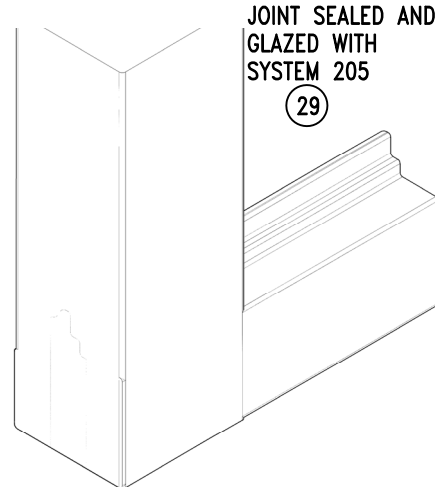
21 CAM KEEPER
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A SASH - 3 FINGER JONT



B FRAME CORNER JONT



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