

BORGZINNER WOOD CONTURA OUTSWING CASEMENT WINDOWS

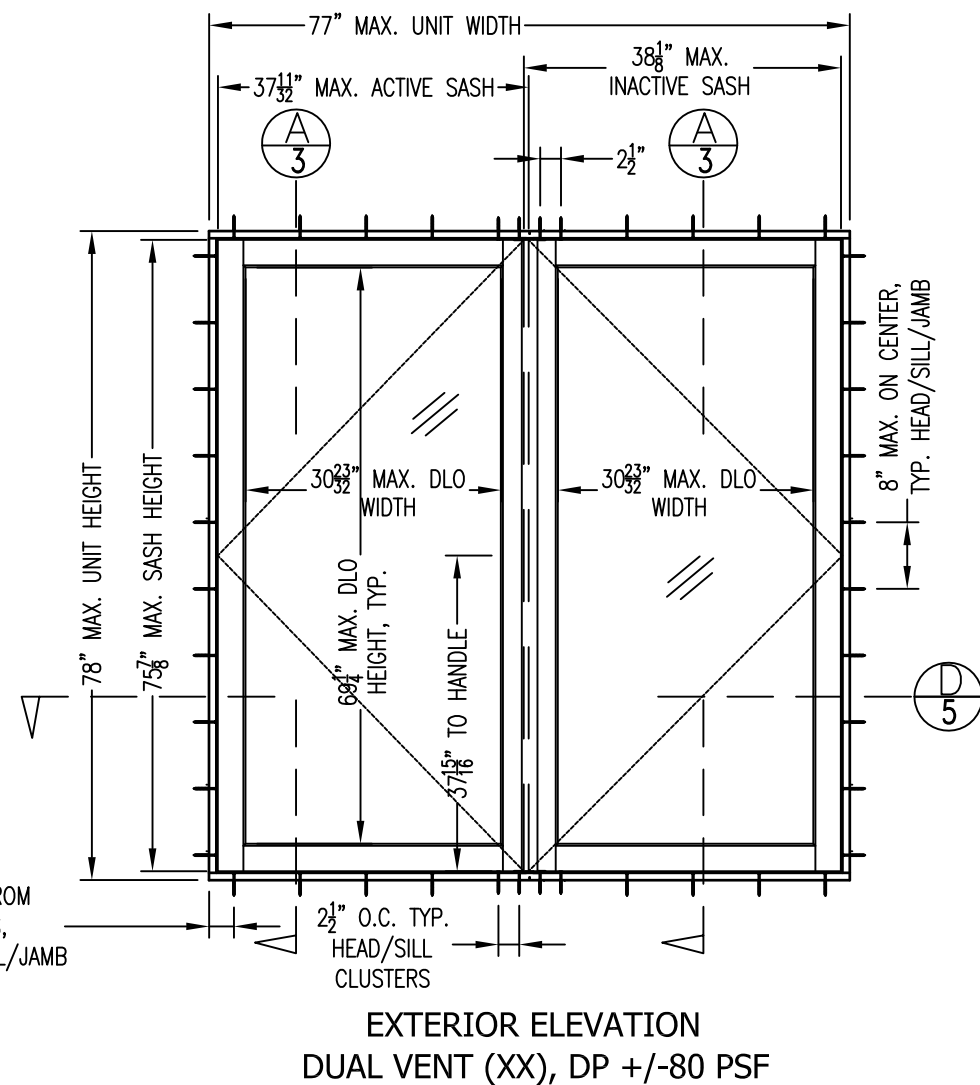
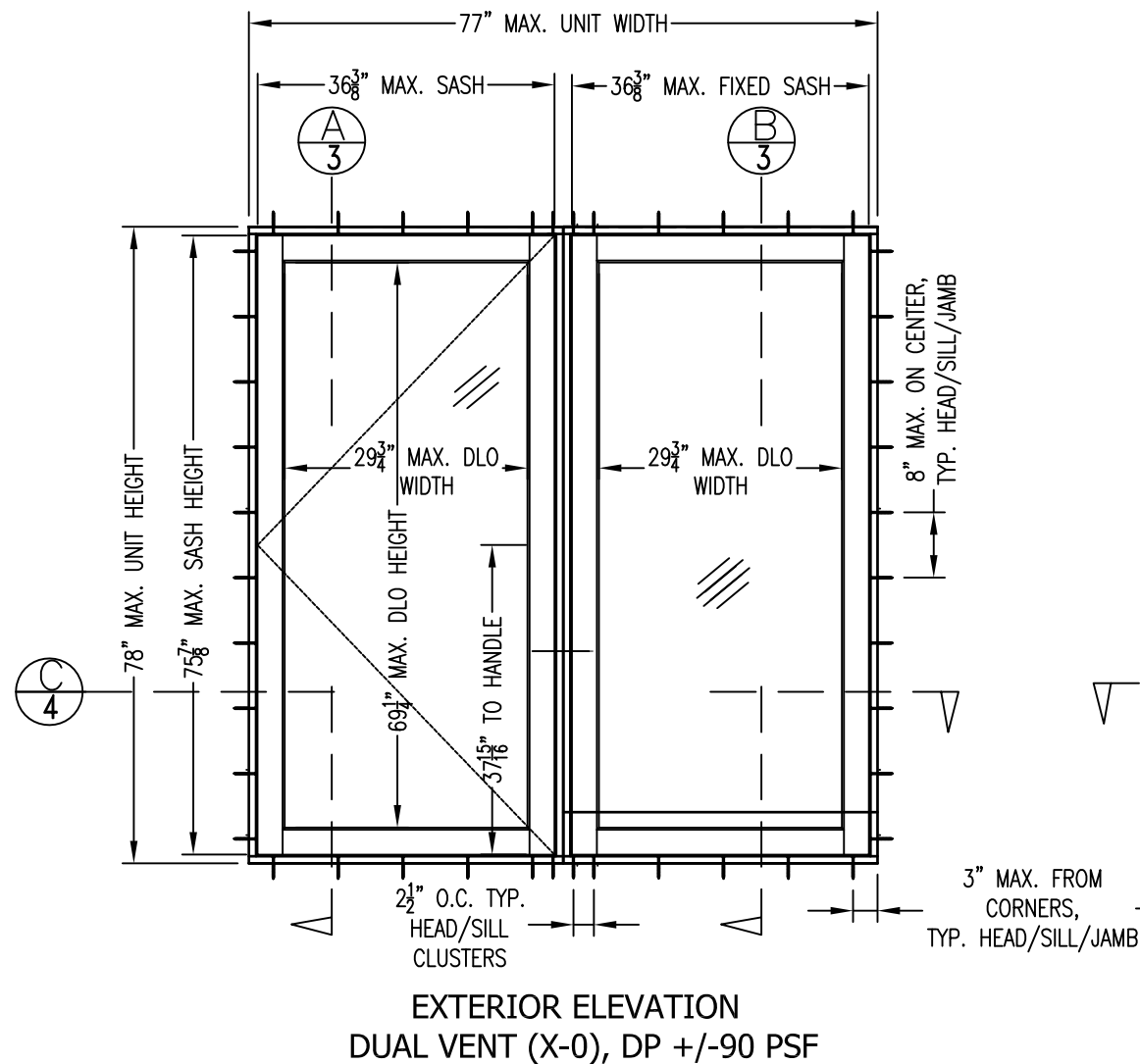
LARGE AND SMALL MISSILE IMPACT RESISTANT

DUAL VENT WINDOWS (X-0)

DESIGN PRESSURE RATING = + 90.0 PSF
- 90.0 PSF

DUAL VENT WINDOWS (XX)

DESIGN PRESSURE RATING = + 80.0 PSF
- 80.0 PSF



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: X (SINGLE VENT), X-O (VENT-FIXED), 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.
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)	DOUBLE ROW NO. 10 STAINLESS STEEL WOOD SCREWS, THRU FRAME	1 1/2"	3/4"

CORNER CONSTRUCTION

FRAME: VERTICAL MEMBERS ARE RABBETED AND JOINED TO HORIZONTAL MEMBERS WITH
OF 3 EACH # 10 X 2 1/2" X ST. STL. SCREWS AND GLUED WITH WEST SYSTEM 205

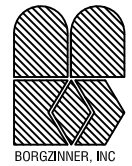
SASH: CONSTRUCTED USING 3 FINGER JOINTS AND HELD TOGETHER WEST SYSTEM 205 GLUE

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SHEET	DESCRIPTION
1	GEN. NOTES, ELEV., ANCHOR TABLE
2	MULTIPOINT LOCK LOC.
3	VERTICAL SECTIONS
4	X-O HORIZ. SECT.
4	XX HORIZ. SECT.
6	PROFILE DRAWINGS, JOINERY
7	BILL OF MATERIALS

Lucas Turner
2020.10.14
17:56:43 -05'00'

MANUFACTURER



BORGZINNER, INC

1160 W 13TH ST, UNIT 10
RIVIERA BEACH, FL 33404

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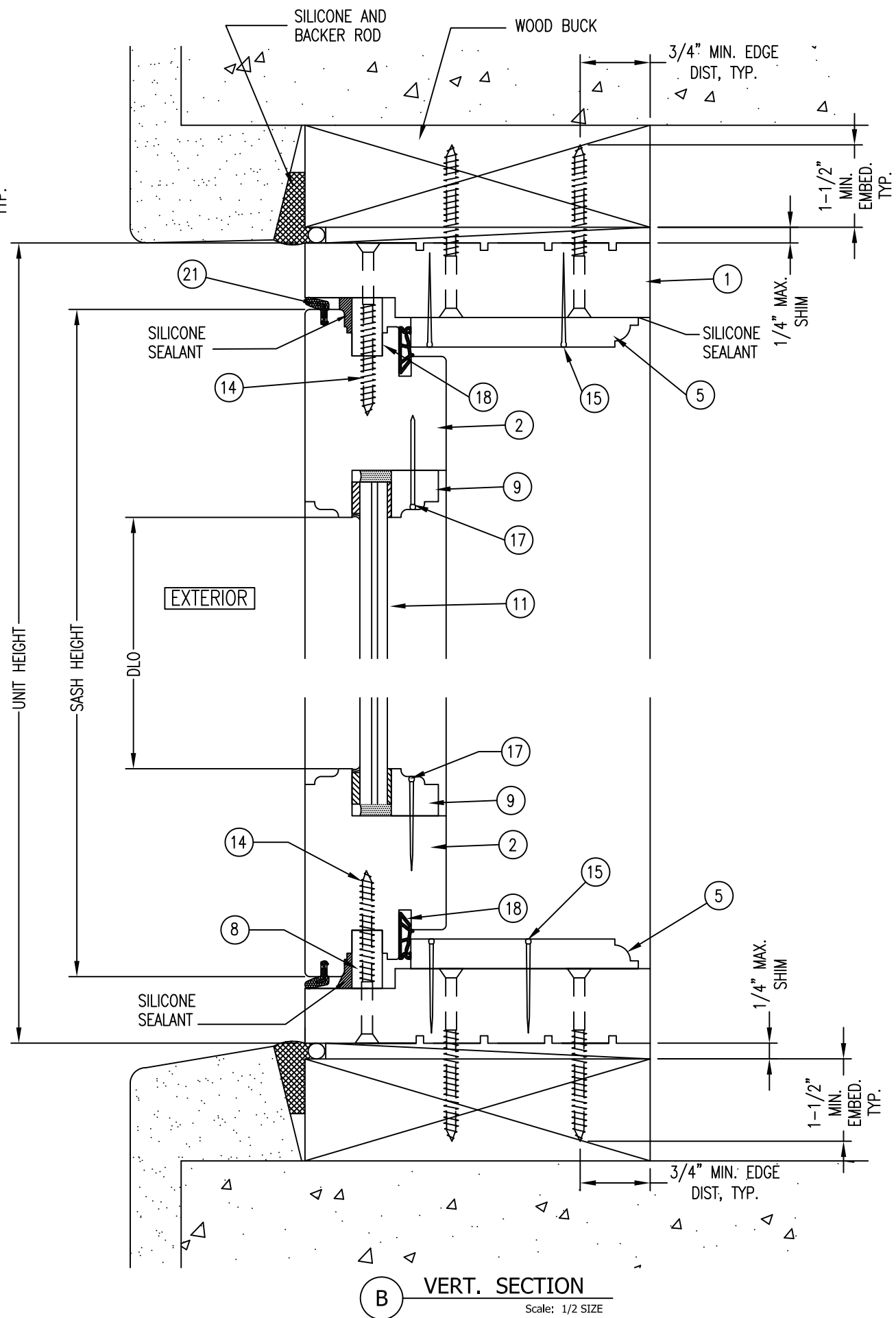
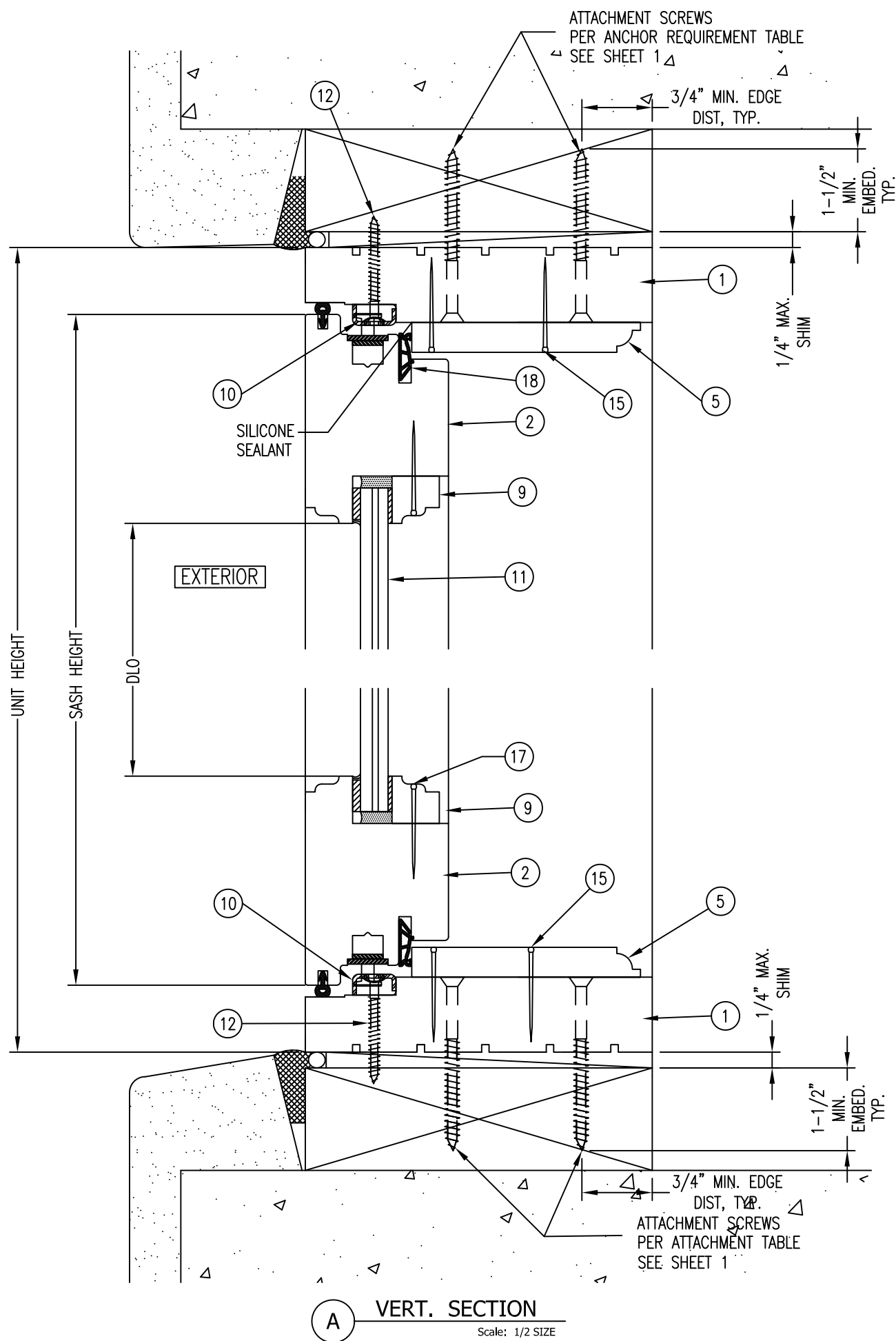


10/14/2020
LUCAS A. TURNER, P.E.

WOOD CONTURA OUTSWING
CASEMENT WINDOWS

LUCAS A. TURNER, FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(FBPE COA # 29779)
2428 OLD NATCHEZ TRC TRL,
CAMDEN, TN 38320 PH. 941-380-15

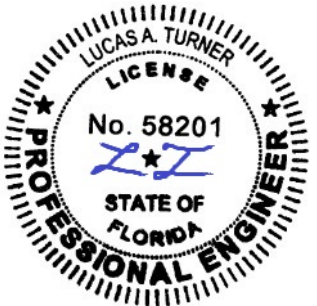
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	ISSUE	DATE	ISSUE NOTES	
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SHEET NO.		1 OF 7		



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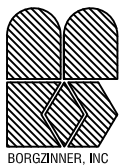
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SHEET NO. 3 OF 7

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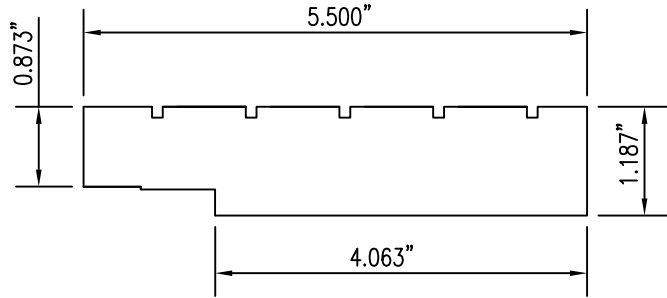


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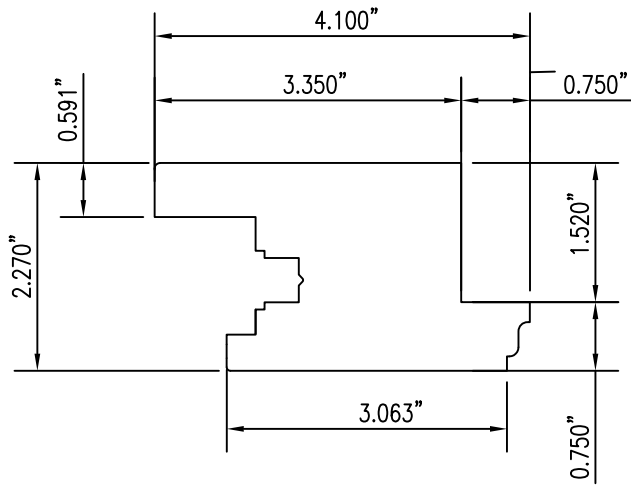
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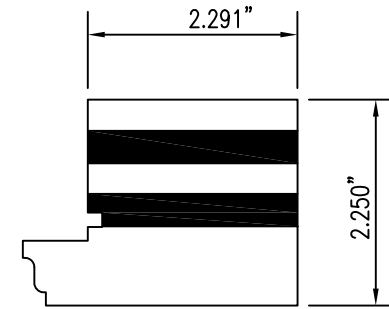
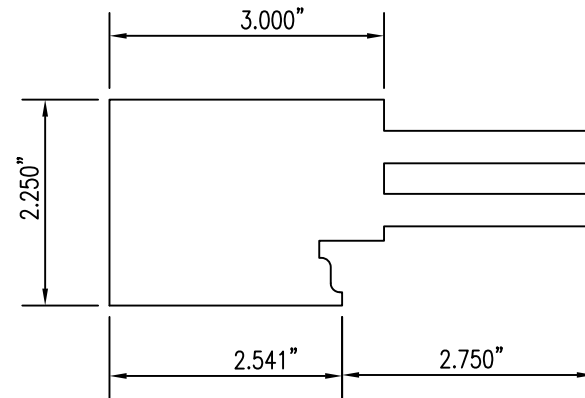
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SHEET NO. 5 OF 7			



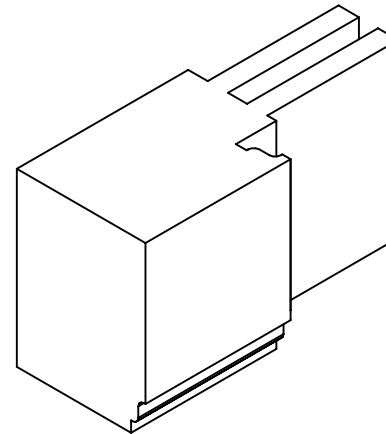
1 HEAD, SILL & SIDE JAMB
Scale: 1/2 FULL SIZE



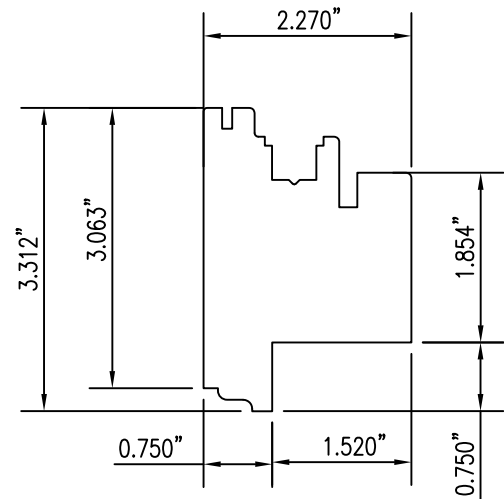
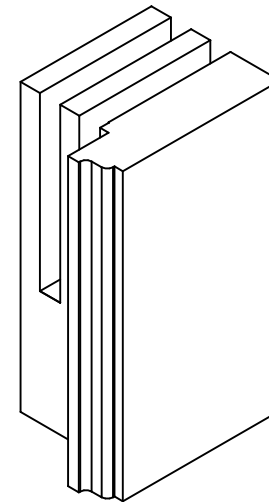
4 INACTIVE MEETING STILE
Scale: 1/2 FULL SIZE



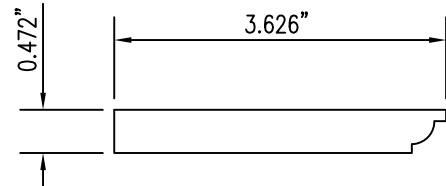
JOINT SEALED AND
GLAZED WITH
WEST SYSTEM 205



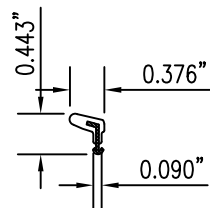
A SASH - 3 FINGER JONT



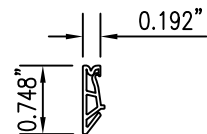
2 TOP, STILE / LOCK RAIL
Scale: 1/2 FULL SIZE



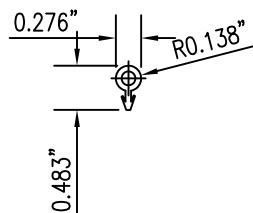
5 INTERIOR TRIM/STOP
Scale: 1/2 FULL SIZE



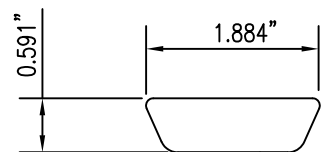
21 GASKET QEZD 320
Scale: 1/2 FULL SIZE



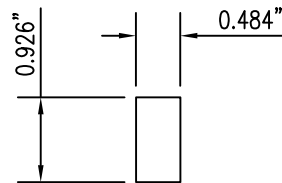
18 GASKET BLACK EV4050
Scale: 1/2 FULL SIZE



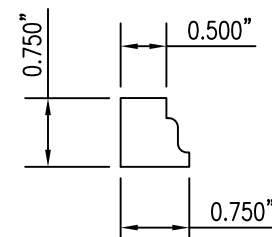
19 GASKET BULB RLL 900-10041
Scale: 1/2 FULL SIZE



6 ASTRAGAL
Scale: 1/2 FULL SIZE

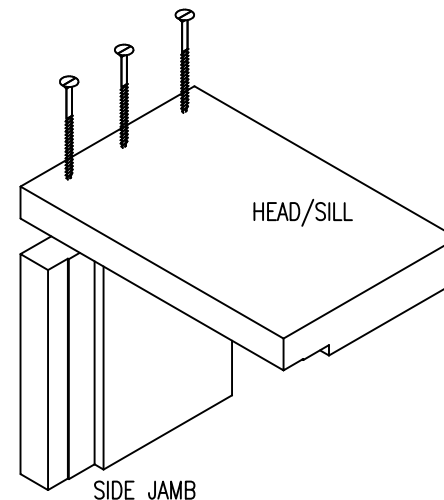


8 FIXED SILL BLOCK
Scale: 1/2 FULL SIZE

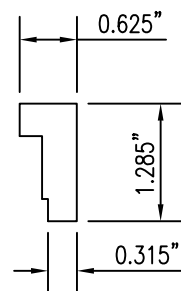


9 GLAZING BEAD
Scale: 1/2 FULL SIZE

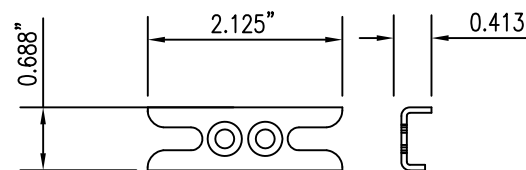
FRAME CORNERS HAVE HALF
LAP JOINT, TYPICAL AT HEAD
AND SILL WITH (3) # 10 X 3"
ST. STL SCREWS AND GLUED
WITH WEST SYSTEM 205 GLUE



B FRAME CORNER JONT



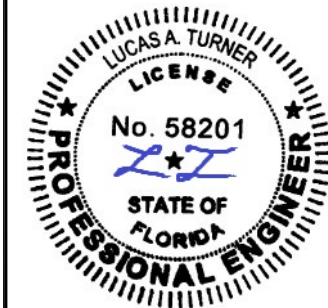
7 FIXED SASH BLOCK
Scale: 1/2 FULL SIZE



10 CAM KEEPERS
Scale: 1/2 FULL SIZE



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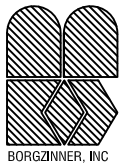
DRAWING NO.
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SHEET NO. 6 OF 7

NO.	ITEM DESCRIPTION	MATERIAL / MANUFACTURER
1	HEAD, SILL AND SIDE JAMB	SAPELE WOOD
2	TOP, STILE AND LOCK RAILS @ OPERABLE SASH	SAPELE WOOD
3		
4	INACTIVE MEETING STILE	SAPELE WOOD
5	INTERIOR TRIM/STOP	SAPELE WOOD
6	ASTRAGAL	SAPELE WOOD
7	FIXED SASH BLOCK	SAPELE WOOD
8	FIXED SILL BLOCK	SAPELE WOOD
9	GLAZING BEAD	SAPELE WOOD
10	T T KEEPERS	GU-6-32207-18-0-1 STEEL
11	GLASS	7/16" LAMINATED, (3/16"HS/0.090" SAFLEX/3/16"HS
12	# 8 X 1 1/2" ST. STL WOOD SCREWS	T T KEEPER
12A	# 6 X 1 1/2" ST. STL WOOD SCREWS	MEETING RAIL BLOCKING
13	#10 X 2 1/4" LONG ST, STL WOOD SCREWS	STARTING 6" FROM CORNERS THEN 12" MAX O/C
14	#10 X 3" LONG ST, STL WOOD SCREWS	STARTING 6" FROM CORNERS THEN 12" MAX O/C
15	16GA X 1 1/2" LONG ST. STL FIN NAILS	STARTING 4" FROM CORNERS THEN 9" MAX O/C
16	UNI-JET CONTURA HINGE	ARM STAY-6-37112-21 CORNER HINGE-6-37098-00
17	16GA X 1 1/4" LONG ST. STL FIN NAILS	STARTING 4" FROM CORNERS THEN 12" MAX O/C
18	GU- GASKET	GASKET- BLACK EV4050
19	STRYBUC IND- GASKET	GASKET- BULB WEATHERSTIRP RLL 900-10041
20	FUNCTIONAL FENSTRATION SECURA	TILT AND TURN LOCKING HARDWARE
21	STRYBUC IND- GASKET	SCHLEGEL- Q-LON QEZD 320

ALL WOOD SHALL BE MIN. SG=0.46 (E=1,600,00 PSI)

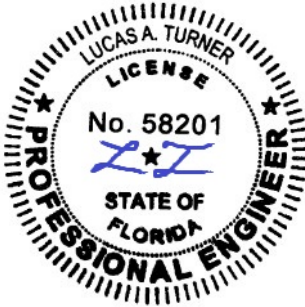
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SHEET NO. 7 OF 7