

WINTECH WINDOW TECHNOLOGY INC.

SERIES H221 PTAC LOUVER

IMPACT (WZ3)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/16 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- FOR INSTALLATION INTO 2X WOOD BUCK OR FRAMING, USE ONE #14 WOOD SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 1 1/2" EMBEDMENT.
- FOR INSTALLATION INTO METAL STUD, USE ONE 1/4" SELF-DRILLING SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM PENETRATION OF 3 THREADS BEYOND METAL STRUCTURE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - STEEL - MIN. TENSILE YIELD STRENGTH OF 33 KSI. MIN. 18 GAUGE THICKNESS (0.0478"). MIN 1/2" EDGE DISTANCE.
 - WOOD - MINIMUM SPECIFIC GRAVITY = 0.42
 - ALUMINUM - MIN. 6063-T5, MIN 1/8" WALL THICKNESS, MIN. 1/2" EDGE DISTANCE.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE, EXCLUDING HVHZ, AND HAS BEEN EVALUATED TO THE FOLLOWING:
 - ASTM E1886-13a
 - ASTM E1996-14a
 - ASTM E283-04(12)
 - ASTM E330-14
 - ASTM E331-00(16)
- THIS PRODUCT HAS NOT BEEN TESTED IN ACCORDANCE WITH AMCA 540 AND 550 AND IS NOT FOR USE ON INTAKE OR EXHAUST OPENING AS REFERENCED IN CHAPTER 4 SECTION 401.5 AND CHAPTER 5 SECTION 501.3.2 OF THE CURRENT FBC - MECHANICAL CODE. THIS LOUVER PRODUCT IS TO BE USED IN CONJUNCTION WITH PTAC UNITS ONLY.**
- ADEQUACY OF THE EXISTING STRUCTURAL 2X WOOD FRAMING OR METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREA.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 AREAS OR LESS.
- IMPACT PROTECTIVE SYSTEM **IS REQUIRED** FOR WIND ZONE 4 AREAS
- GLAZING COMPLIES WITH LOAD RESISTANCE REQUIREMENTS PER ASTM E1300-04.
- FRAME MATERIAL: 6063-T6 ALUMINUM
- CONFIGURATIONS:
 - - FIXED

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MAX. DESIGN PRESSURE RATING	
+60.0 / -60.0 PSF	WIND ZONE 3 LARGE MISSILE IMPACT

WINTeCH

WINDOW TECHNOLOGY, INC.

201 INDUSTRIAL DRIVE
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TITLE: SERIES H221 PTAC LOUVER
(IMPACT)/(WZ3)
GENERAL AND INSTALLATION NOTES

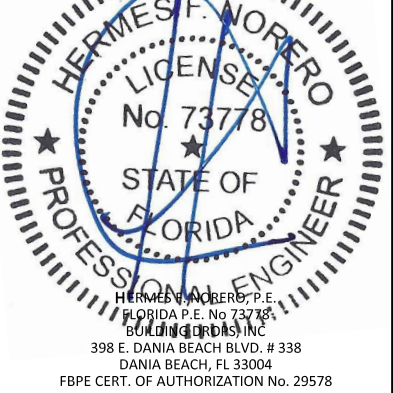
PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE

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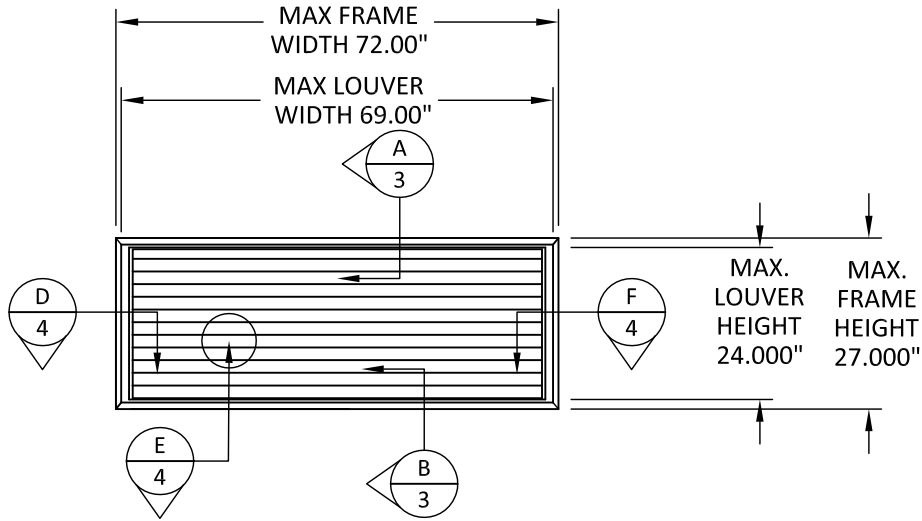
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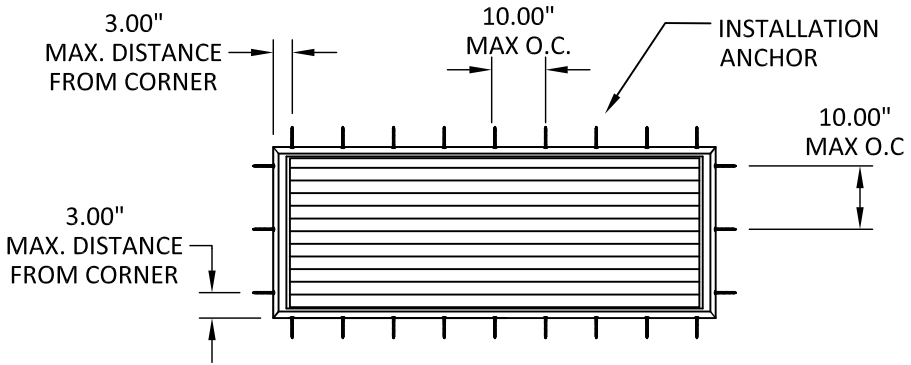
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DATE:	11.05.2019
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SCALE:	NTS
DWG. #:	WNT004
SHEET:	1 OF 5

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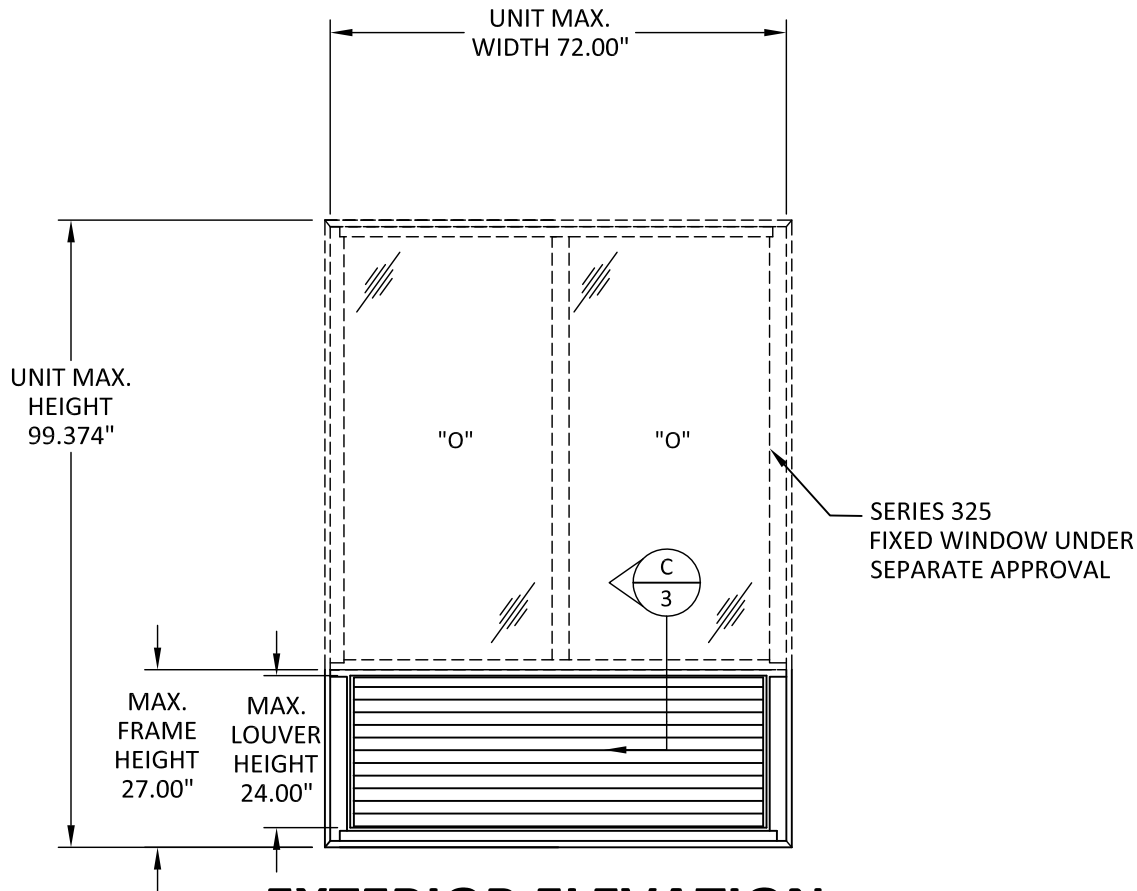
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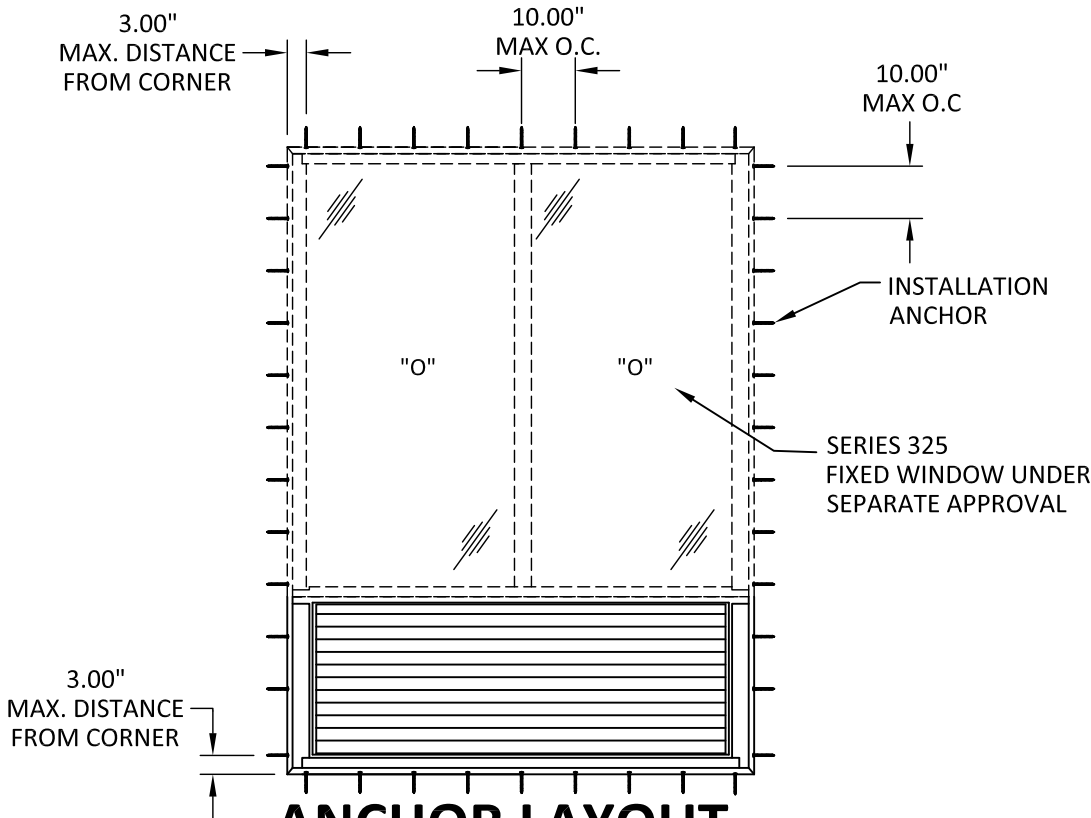
EXTERIOR ELEVATION
LOUVER



ANCHOR LAYOUT
LOUVER
NAIL FIN INSTALLATION



EXTERIOR ELEVATION
LOUVER WITH FIXED WINDOW



ANCHOR LAYOUT
LOUVER WITH FIXED WINDOW
NAIL FIN INSTALLATION

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ELEVATIONS AND ANCHOR LAYOUTS

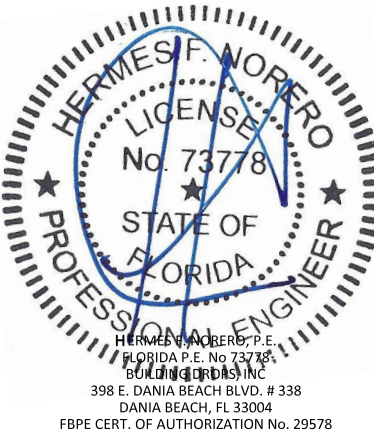
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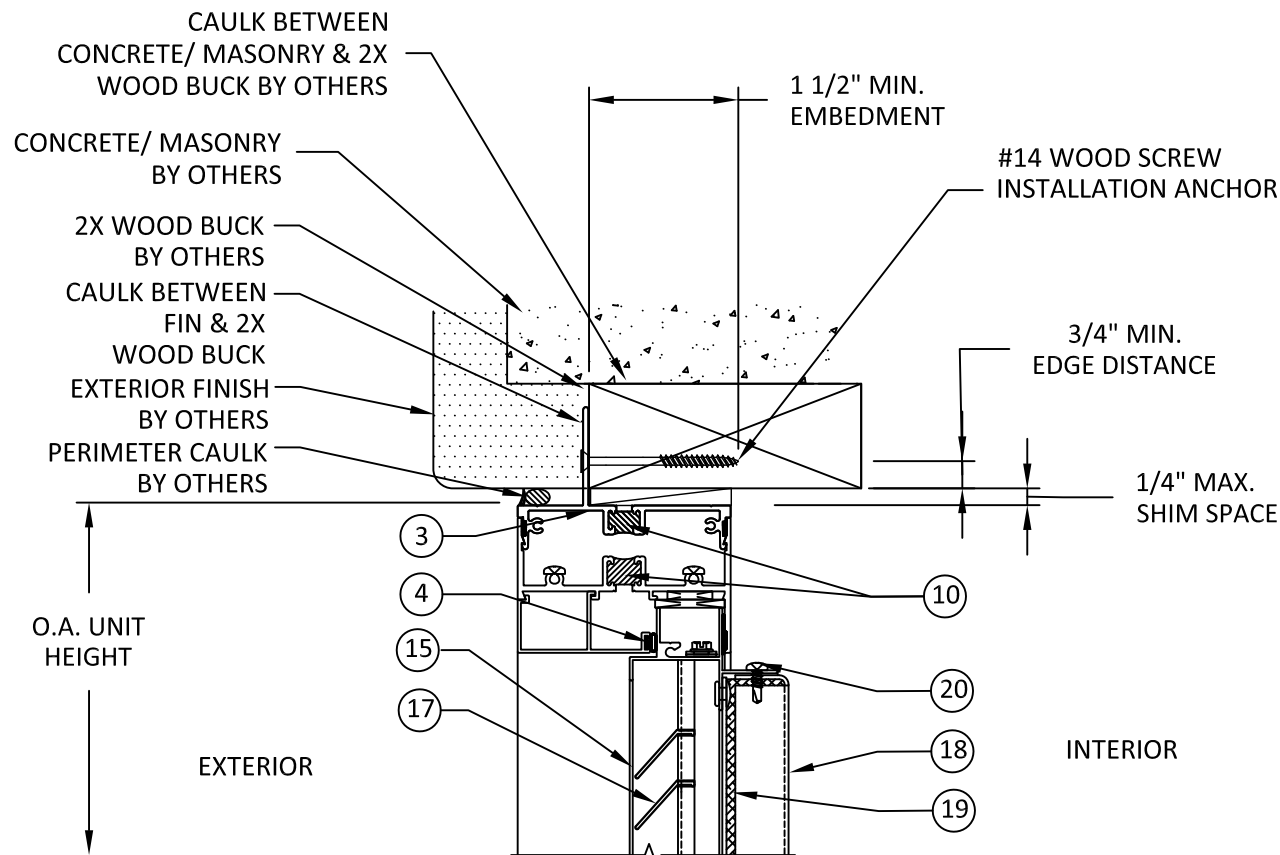
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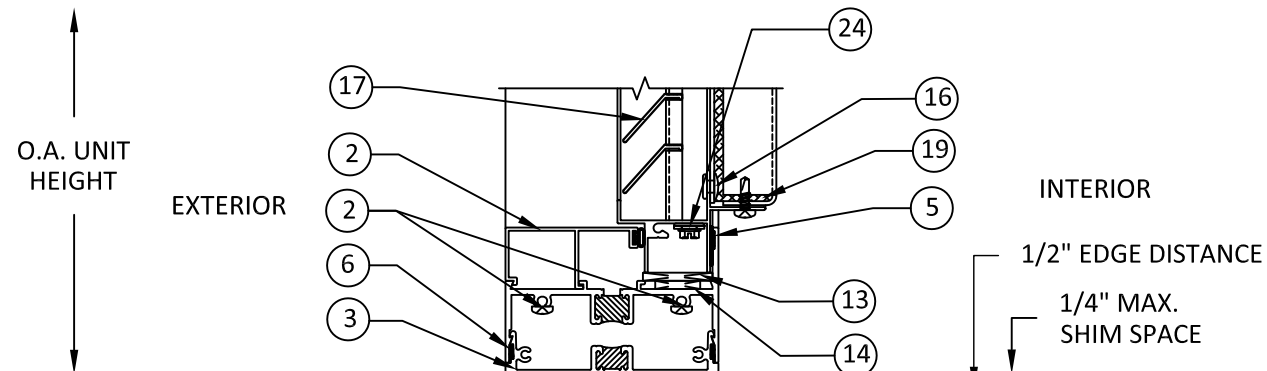
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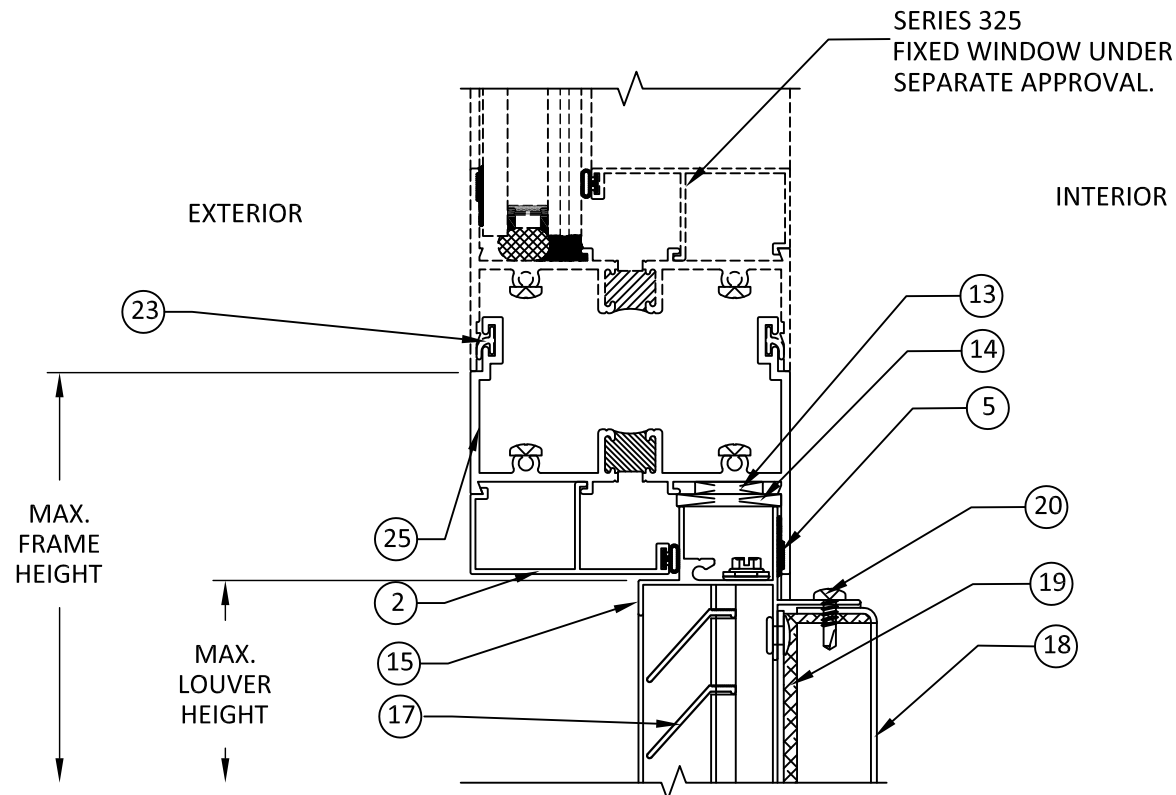
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A
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
NAIL FIN



B
3 **VERTICAL SECTION**
SILL - METAL STUD
NAIL FIN INSTALLATION



C
3 **VERTICAL SECTION**
MULLION
LOUVER WITH FIXED WINDOW

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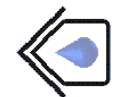
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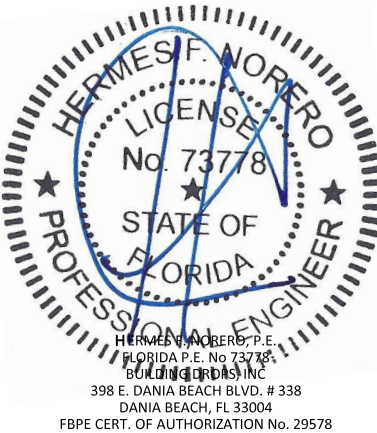
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VERTICAL SECTIONS

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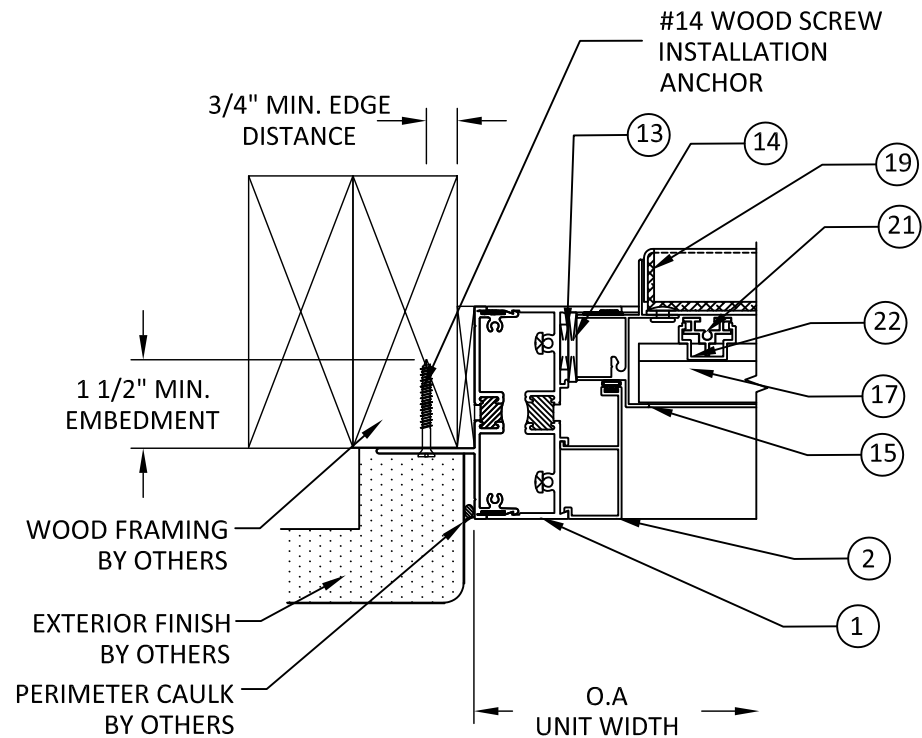
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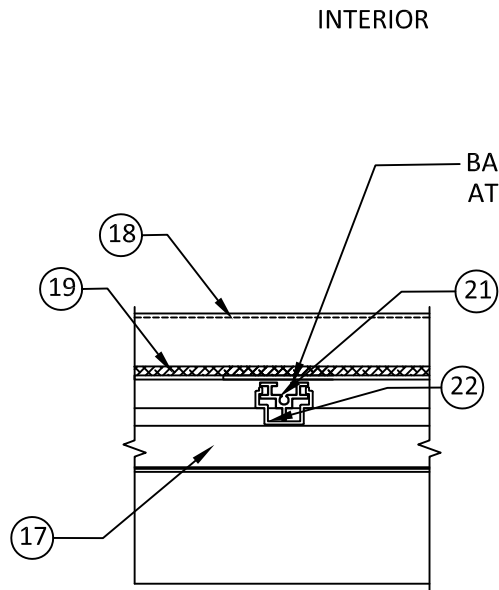
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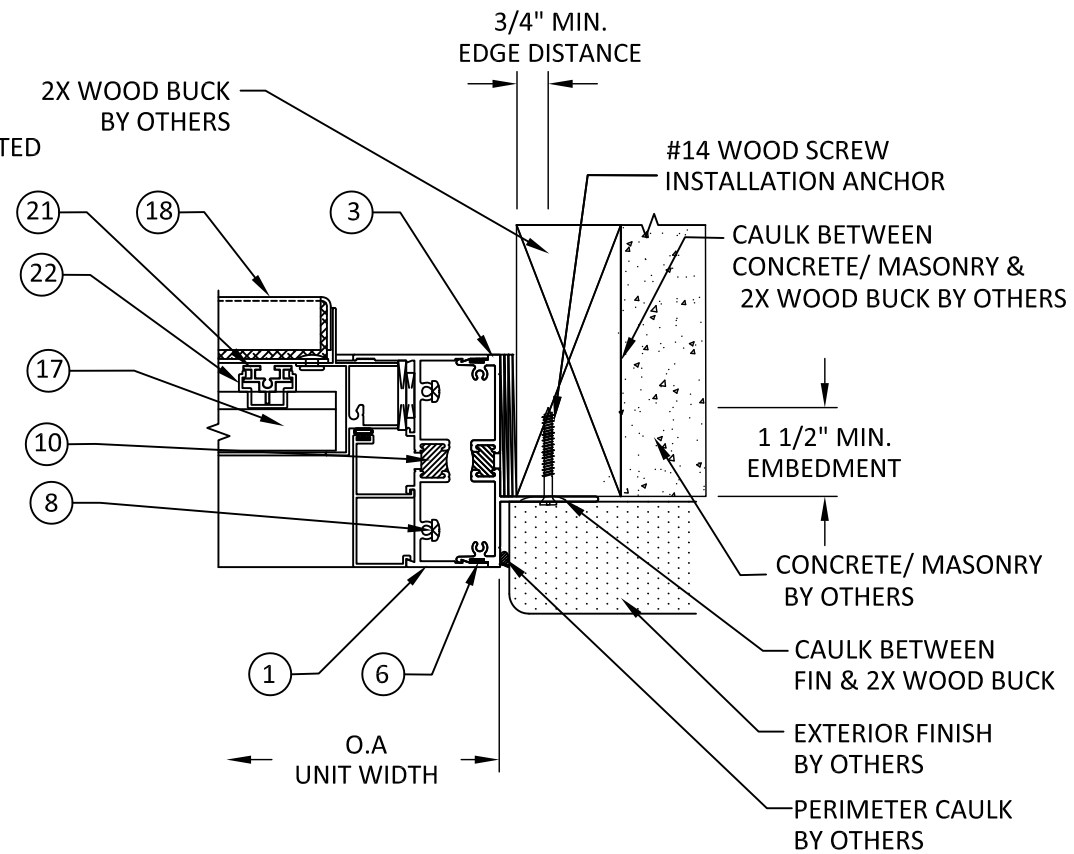
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D
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD FRAME
NAIL FIN INSTALLATION



E
4 **HORIZONTAL SECTION**
VERTICAL SUPPORT
LOUVER



F
4 **HORIZONTAL SECTION**
JAMB-2X WOOD BUCK
NAIL FIN INSTALLATION

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HORIZONTAL SECTIONS

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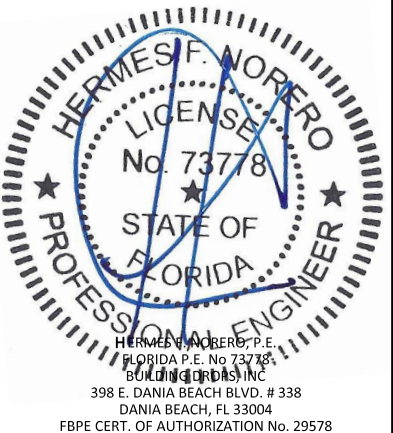
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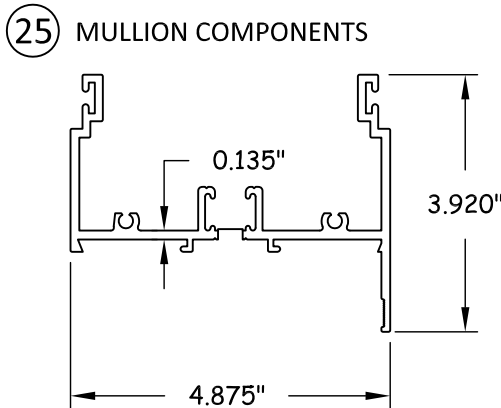
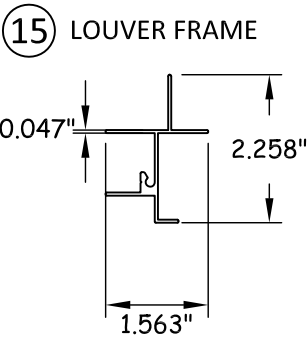
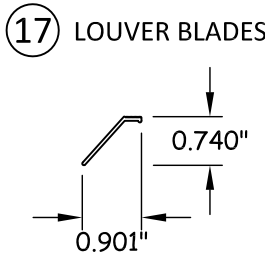
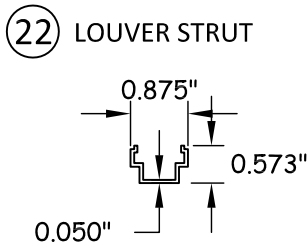
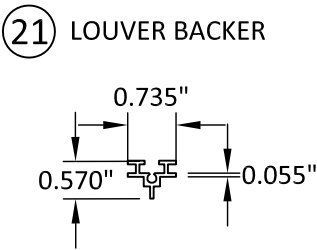
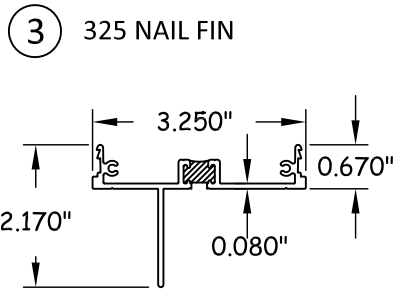
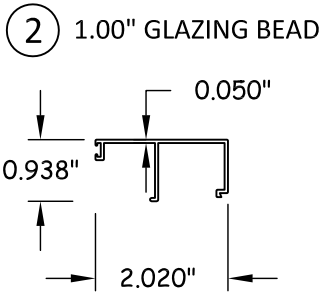
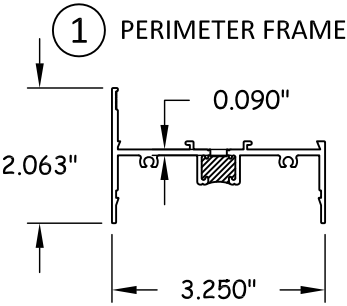


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ITEM	PART #	DESCRIPTION	MFG
1	E723	PERIMETER FRAME	JORDAN
2	E729	1" GLAZING BEAD	JORDAN
3	E755	325 NAIL FIN	GATEWAY
4	3	GLAZING BEAD BULB VINYL	CENTRAL PLASTICS
5	896FC	GLAZING SILICONE	PECORA
6	896SSL	SEAM SEALER	PECORA
8	SL02	#14-18 X 2" PL-PH-SMS ZC B LP .25	ALLOY
9	TEK#3	1/4"-14 X 1" HWH-SMS TEK	FASTENAL
10	13302-A SU311-30TB	THERMAL FILL	BASF
13	SB16	SETTING BLOCK	SECON
14	SB19	SETTING BLOCK	SECON
15	E553	LOUVER FRAME	ALENCO
16		POP RIVET	
17	E208	LOUVER BLADE	ALENCO
18	800	24 GA. GALV. STEEL	PHOENIX METALS
19	A001	STYROFOAM INSULATION	XPEDX
20	68	#8-18 X 1½" PL-PH-SMS ZC TEK	ALLOY
21	E204	LOUVER BACKER	JORDAN
22	E205	LOUVER STRUT	JORDAN
23	G044	STACK FINGER GASKET	CENTRAL PLASTICS
24	SHW01	#8-15 X 3/4" SL-HWH-SMS ZC A W/#10 GASKET	ALLOY
25	E726	STACK MULLION	JORDAN



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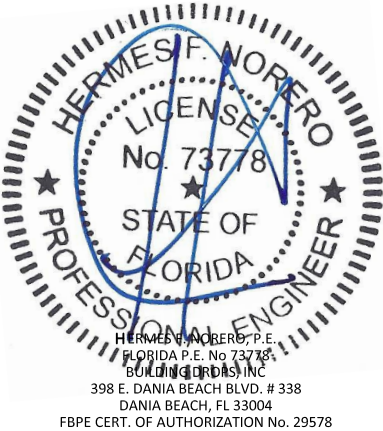
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BILL OF MATERIAL AND
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