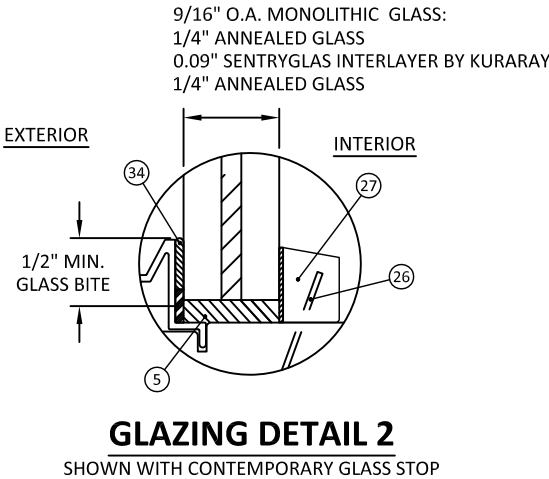
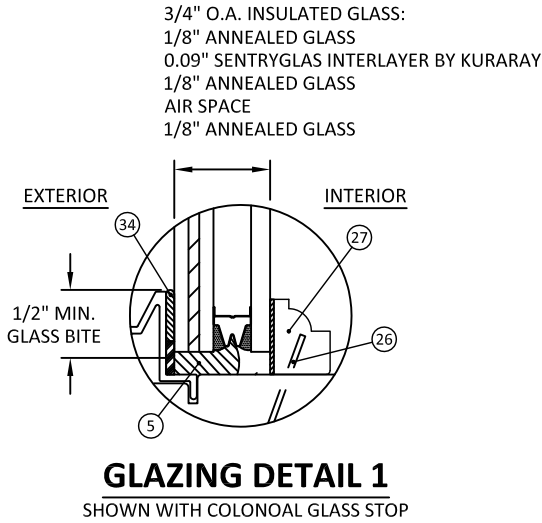


ANDERSEN CORPORATION

E-SERIES OUTSWING TRANSOM WINDOW

GENERAL NOTES:

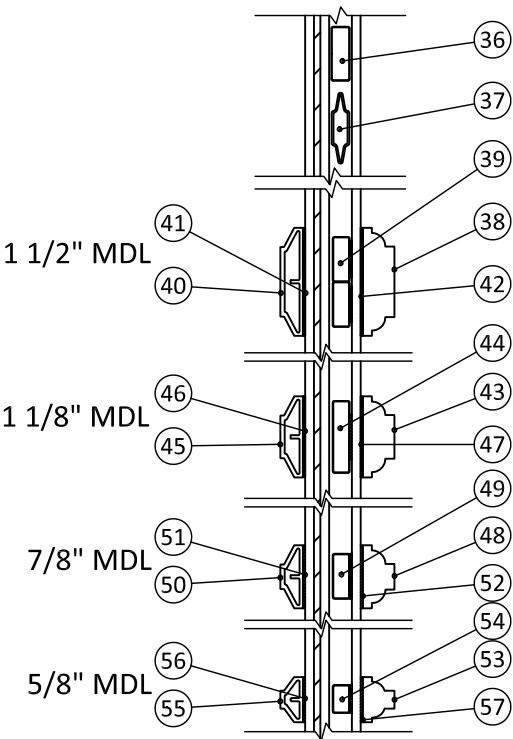
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS201
 - TAS202
 - TAS203
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING 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.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. 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 AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PVC
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE THIS SHEET FOR GLAZING DETAILS.



NOTE:
GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E 1300 GLASS CHART REQUIREMENTS

- NOTE:
1. GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 3. SETING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

WINDOW TYPE	OVERALL FRAME SIZE		OVERALL D.L.O. DIMENSION		GLASS TYPE	DESIGN PRESSURE (PSF)	
	WIDTH (IN.)	HEIGHT (IN.)	WIDTH (IN.)	HEIGHT (IN.)		POS.	NEG.
SINGLE	72.0	36.0	64.62	28.75	G1	+65	- 65
SINGLE	72.0	36.0	64.62	28.75	G2	+60	- 65



OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	-	GENERAL NOTES & GLAZING DETAILS
2	-	ELEVATIONS & ANCHOR LAYOUTS
3	-	VERTICAL SECTIONS
4	-	HORIZONTAL SECTIONS
5	-	ANCHOR DETAILS & INSTALLATION NOTES
6	-	COMPONENTS
7	-	BILL OF MATERIALS



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TITLE:
E-SERIES OUTSWING TRANSOM WINDOW

GENERAL NOTES & GLAZING DETAILS

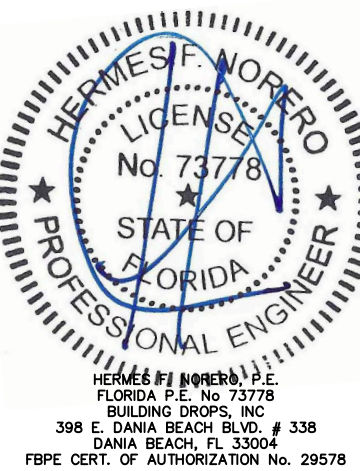
PREPARED BY:

BUILDING DROPS, INC.
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DANIA BEACH, FL 33004
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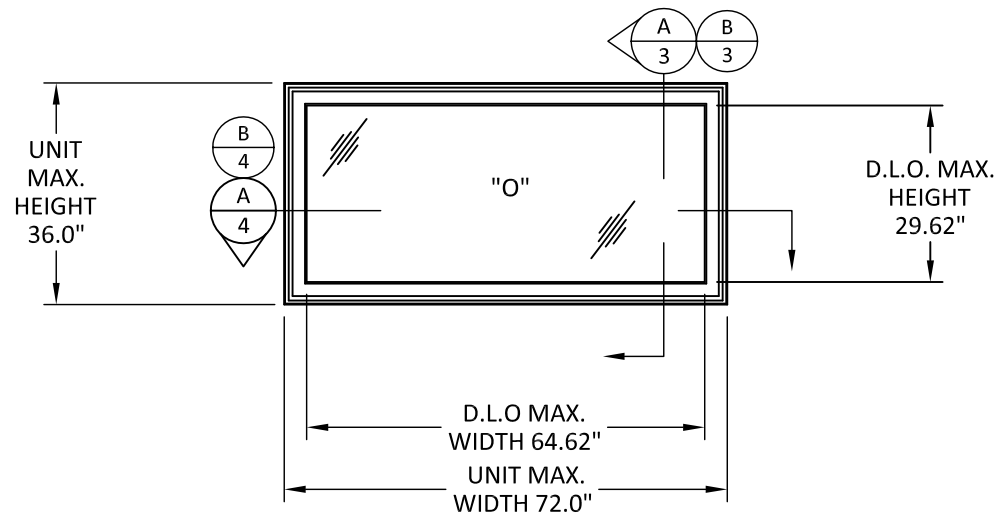
REMARKS	BY	DATE
6TH FBC EDITION	FM	10/17

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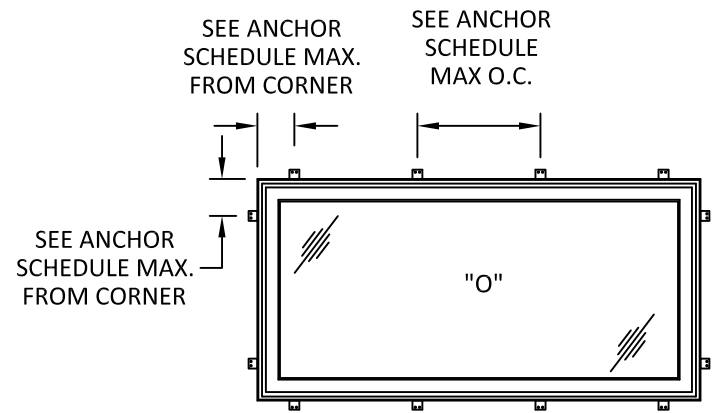


FL #:	FL24230
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DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD219
SHEET	1

s:\projects\andersen windows\fbc-18-1154- fbc submittal - e-series casement, awning, dh & fixed windows, non-impact (flange installation option)\dwgs\tx\awd219-series 05 outswing transom-impact (hwhz)\awd219 - e-series series 5 transom- impact.dwg 2/21/2019 8:37 PM



ELEVATION



ANCHOR LAYOUT THROUGH FRAME

NOTE :

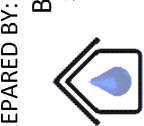
FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 5



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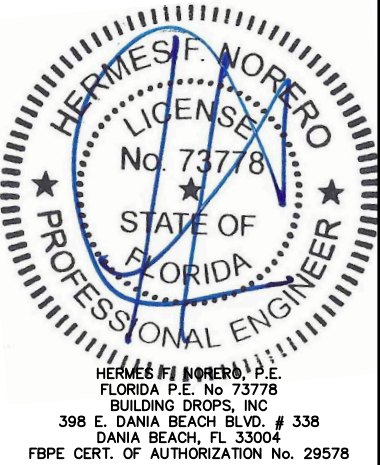
ELEVATIONS & ANCHOR LAYOUTS



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SHEET
2



VERTICAL SECTIONS

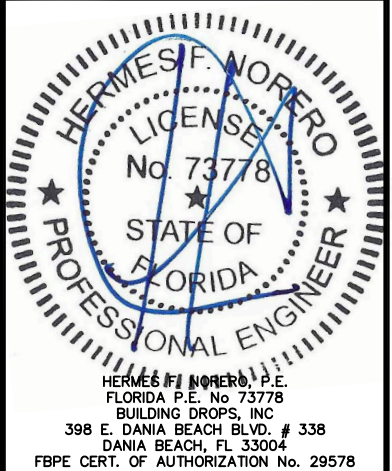
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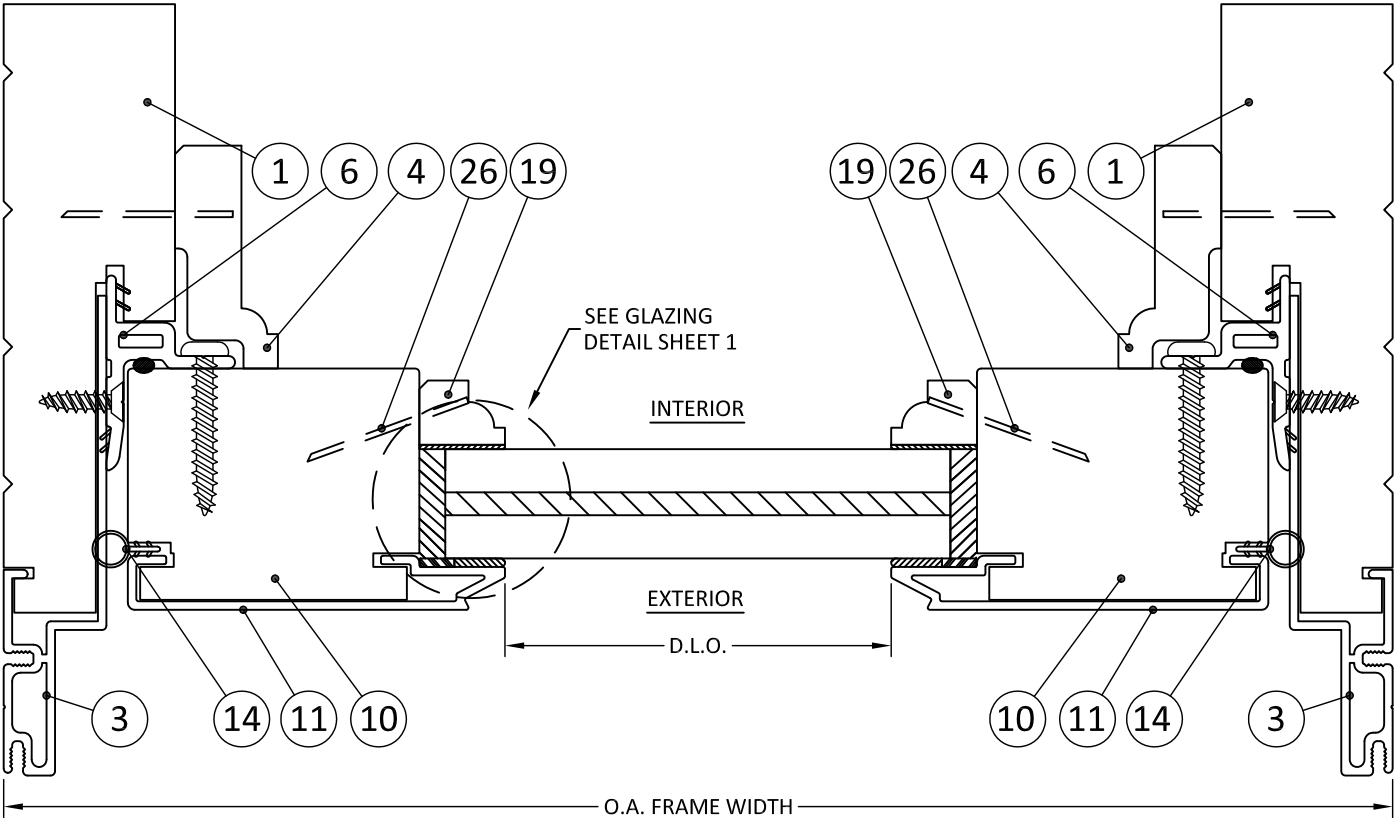
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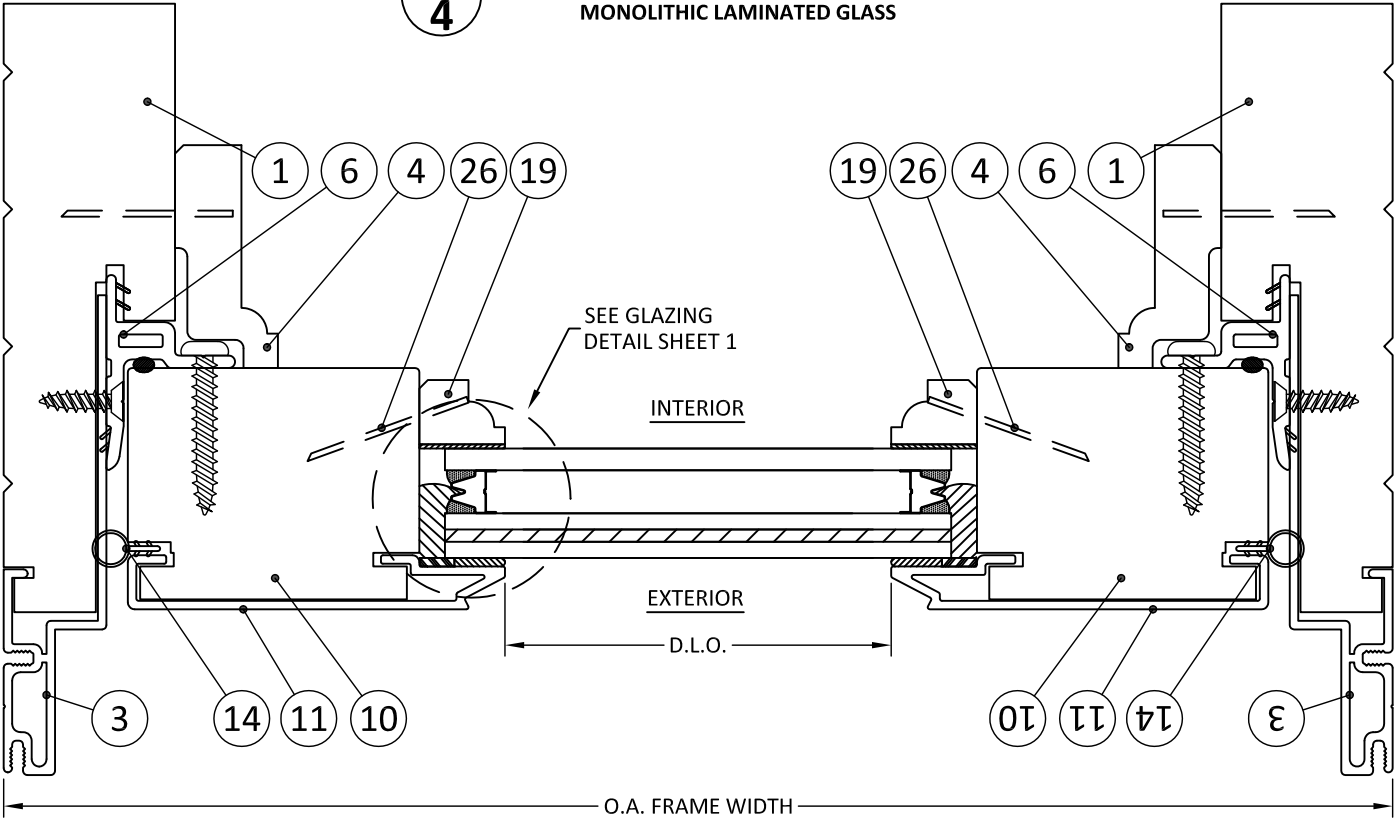
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3

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A
4 **HORIZONTAL SECTION**
MONOLITHIC LAMINATED GLASS



B
4 **HORIZONTAL SECTION**
INSULATED GLASS



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HORIZONTAL SECTIONS

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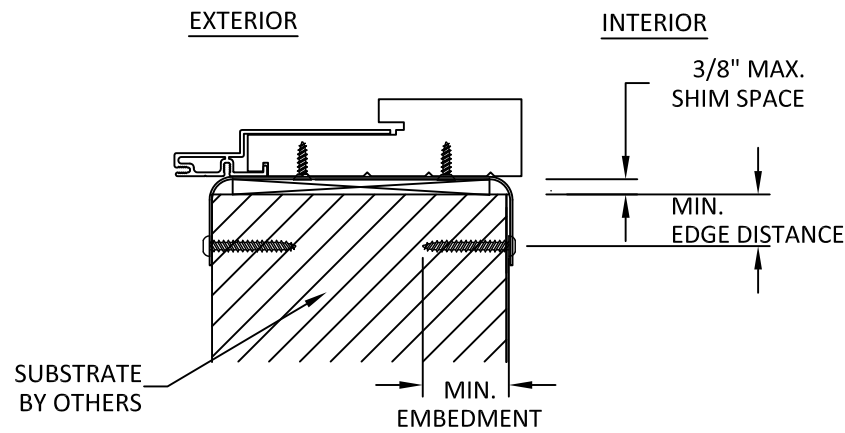


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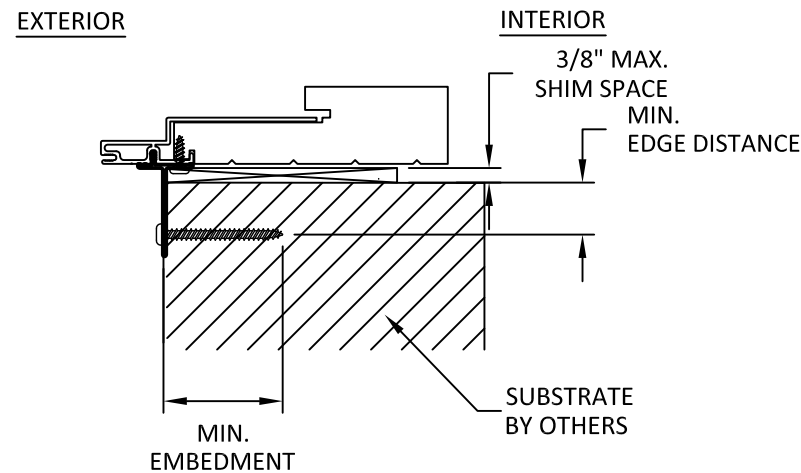
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SHEET	4

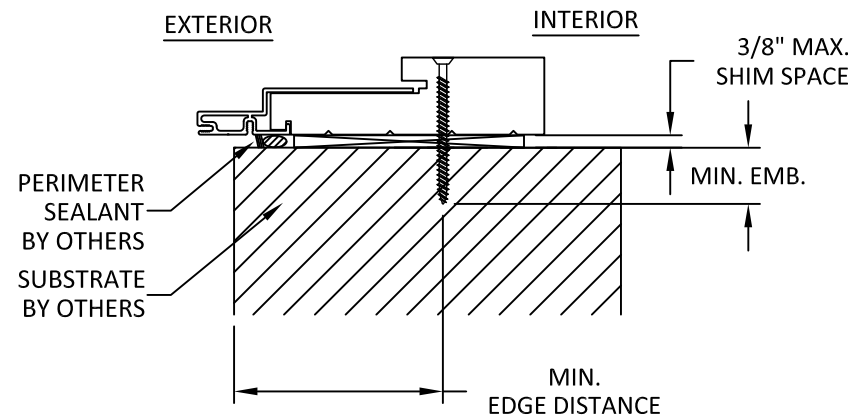


A 5 **ANCHOR DETAIL**



B 5 ANCHOR DETAIL NAIL FIN (SILL)

-HEAD, SILL AND JAMB HAVE
SIMILAR DETAILS



C5 ANCHOR DETAIL THROUGH FRAME (SILL)

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
8. 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.

ANCHOR SCHEDULE

ANCHOR SCHEDULE								
INSTALLATION TYPE	ANCHOR QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)	MAX. HEAD/SILL O.C. DISTANCE (IN.)	MAX. JAMB O.C. DISTANCE (IN.)	MAX. CORNER DISTANCE (IN.)
THRU STRAP	2	WOOD : MIN. SG=0.55	#8 WOOD SCREW	1.5	0.75	12	12	6
	2	METAL : 20 GAUGE STEEL, MIN. F _y =33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION	0.5			
THRU FRAME	1	WOOD : MIN. SG=0.55	#10 WOOD SCREW	0.75	0.75	12	12	6
	1	METAL : 20 GAUGE STEEL, MIN. F _y =33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION	0.5			
	1	CONCRETE : f' _c =3000PSI	1/4" ITW TAPCON	1	2.5			
	1	CMU : f' _c =2000PSI	1/4" ITW TAPCON	1	2.5			
THRU NAIL FIN	1	WOOD : MIN. SG=0.55	#8 WOOD SCREW	0.75	0.75	6	6	3
	1	METAL : 20 GAUGE STEEL, MIN. F _y =33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION	0.5			



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ANCHOR DETAILS & INSTALLATION NOTES

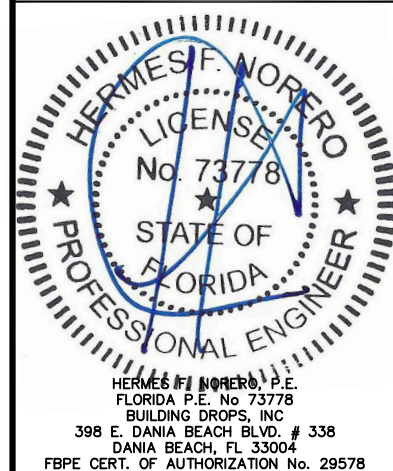
: BUILDING DROPS, INC.

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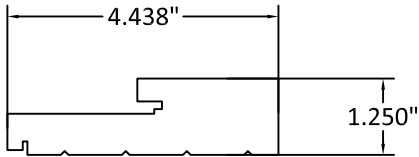
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DWG. #: AWD219

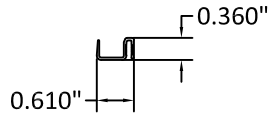
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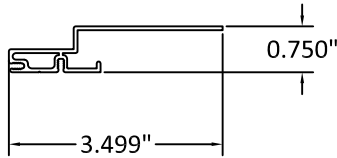
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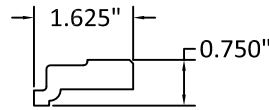
1 FRAME



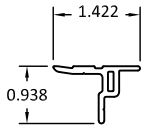
2 PANEL CAP



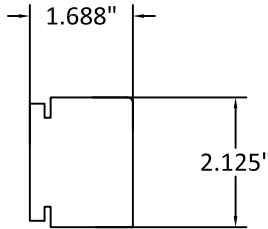
3 HEAD, SILL & JAMB CLADDING



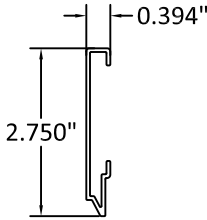
4 PANEL STOP



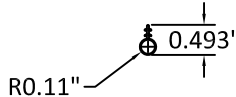
6 PANEL SHIM



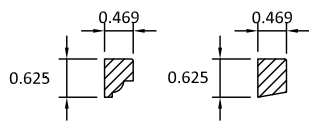
10 TOP RAIL & STILE



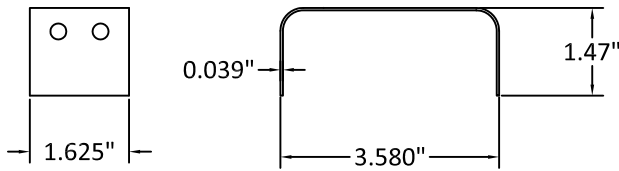
11 TOP RAIL CLADDING



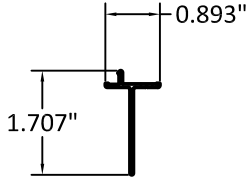
14 ARLOC BULB WEATHERSTRIP



19 GLAZING STOP



33 STRAP ANCHOR



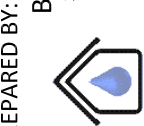
70 NAIL FIN



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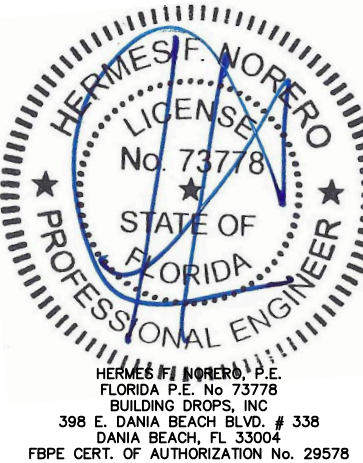
COMPONENTS



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SHEET	6

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BILL OF MATERIALS			
NO.	PART NUMBER	DESCRIPTION	MATERIAL
1	-	FRAME	WOOD
2	-	PANEL CAP	-
3	-	4-9/16" CLADDING	ALUM.
4	-	PANEL STOP	WOOD
5	-	SILICONE SEALANT	SEALANT
6	-	PANEL SHIM	PVC
10	-	2-3/4" RAIL & STILE	WOOD
11	-	2-3/4" RAIL CLADDING	ALUM.
15	-	4-9/16" WALL TRANSOM SILL	ALUM.
19	-	GLAZING STOP	WOOD
26	-	1-1/4" 18 GA.HARD STL BRAD	-
27	-	ADHESIVE TAPE	POLYETHYLENE
28	-	GLASS SETTING BLOCK	-
33	-	STRAP ANCHOR	STEEL
34	-	SILICONE SEALANT	SILICONE
36	-	5/8" BETWEEN GLASS MUNTIN	ALUM.
37	-	1" CONTOUR MUNTIN	ALUM.
38	-	1-1/2" INTERIOR COLONIAL MDL BAR	WOOD
39	-	SPACER CHANNEL	ALUM.
40	-	1-1/2" EXTERIOR MDL BAR	ALUM.
41	-	1-1/2" MDL ADHESIVE TAPE (EXTERIOR)	POLYETHYLENE
42	-	1-1/2" MDL ADHESIVE TAPE (INTERIOR)	POLYETHYLENE
43	-	1-1/8" INTERIOR COLONIAL MDL BAR	WOOD
44	-	SPACER CHANNEL	ALUM.
45	-	1-1/8" EXTERIOR MDL BAR	ALUM.
46	-	1-1/8" MDL ADHESIVE TAPE (EXTERIOR)	POLYETHYLENE
47	-	1-1/8" MDL ADHESIVE TAPE (INTERIOR)	POLYETHYLENE
48	-	7/8" INTERIOR COLONIAL MDL BAR	WOOD
49	-	SPACER CHANNEL	ALUM.
50	-	7/8" EXTERIOR MDL BAR	ALUM.
51	-	7/8" MDL ADHESIVE TAPE (EXTERIOR)	POLYETHYLENE
52	-	7/8" MDL ADHESIVE TAPE (INTERIOR)	POLYETHYLENE
53	-	5/8" INTERIOR COLONIAL MDL BAR	WOOD
54	-	SPACER CHANNEL	ALUM.

BILL OF MATERIALS			
NO.	PART NUMBER	DESCRIPTION	MATERIAL
55	-	5/8" EXTERIOR MDL BAR	ALUM.
56	-	5/8" MDL ADHESIVE TAPE (EXTERIOR)	POLYETHYLENE
57	-	5/8" MDL ADHESIVE TAPE (INTERIOR)	POLYETHYLENE
70	-	NAIL FIN	ALUM.
72	-	#8 X 1/2" PPH TEK SCREW	STEEL



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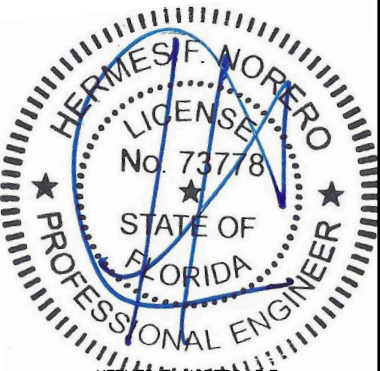
BILL OF MATERIALS

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FLORIDA P.E. No. 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL24230

DATE: **10.16.17**

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SCALE: **NTS**

DWG. #: **AWD219**

SHEET
7

7 OF 7