ANDERSEN CORPORATION

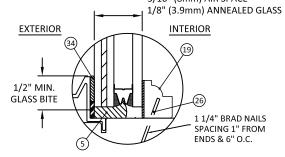
E-SERIES HINGED PATIO DOOR TRANSOM - OUTSWING (WZ3) (IMPACT)

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 102/I.S.2/A440-17
 - ASTM E1886-19
 - ASTM E1996-20
- 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
- 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
- 5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
- 6. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
- 7. WINDOW FRAME MATERIAL: ALUMINUM CLAD & WOOD
- 8. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE THIS SHEET FOR GLAZING DETAILS.

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

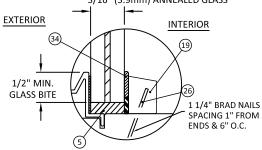
3/4" (0.80") O.A. INSULATED GLASS: 1/8" (3.1mm) ANNEALED GLASS 0.090" SENTRYGLAS INTERLAYER BY KURARAY PREVIOUSLY KNOWN AS DUPONT 1/8" (3.1mm) ANNEALED GLASS 5/16" (8mm) AIR SPACE



GLAZING DETAIL 1

SHOWN WITH COLONIAL GLASS STOP

7/16" O.A. MONOLITHIC GLASS: 3/16" (3.9mm) ANNEALED GLASS 0.090" SENTRYGLAS INTERLAYER BY KURARAY PREVIOUSLY KNOWN AS DUPONT 3/16" (3.9mm) ANNEALED GLASS



GLAZING DETAIL 2

SHOWN WITH CONTEMPORARY GLASS STOP

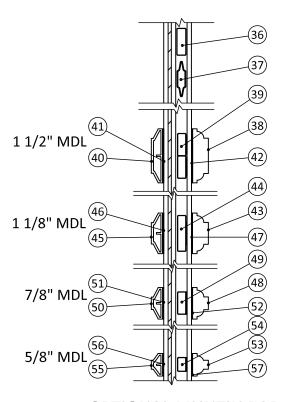
GLAZING NOTES:

- 1. GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER CHAPTER 24 OF THE FBC

WINDOW	OVERALL F	RAME SIZE	OVERALL D.L.O. DIMENSION		GLASS	DESIGN PRESSURE (PSF)	
TYPE	WIDTH (IN.)	HEIGHT (IN.)	WIDTH (IN.)	HEIGHT (IN.)	TYPE	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

NOTE:

GLASS STOPS ARE INTERCHANGEABLE.



OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS



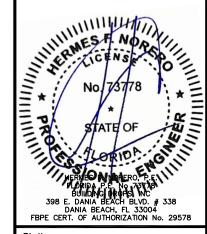
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S, GLAZING I OF CONTEN

REMARKS

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ND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF SITE, IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIA FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSE DOCUMENTS FOR USE WITH THIS DOCUMENT.



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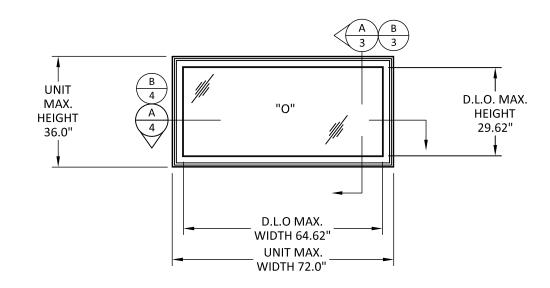
DATE: 04.18.17 DWG. BY: CHK. BY: HFN

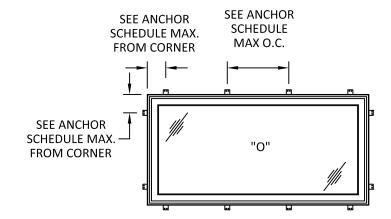
RV

SCALE: NTS

DWG. #: AWD250

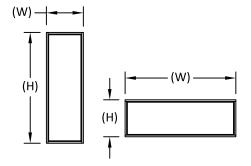
SHEET





ELEVATION

ANCHOR LAYOUT THROUGH FRAME

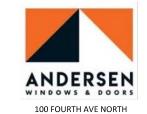


NOTE:

WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA. ANCHOR SPACING SHALL NOT EXCEED THOSE SHOWN FOR LONG OR SHORT LEG OF UNIT.

NOTE:

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



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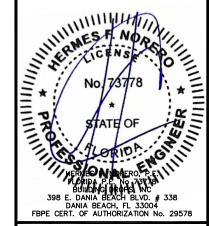
TITLE: E-SERIES HINGED PATIO DOOR TRANSOM - OUTSWING (WZ3) (NON-IMPACT)

ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744.4738

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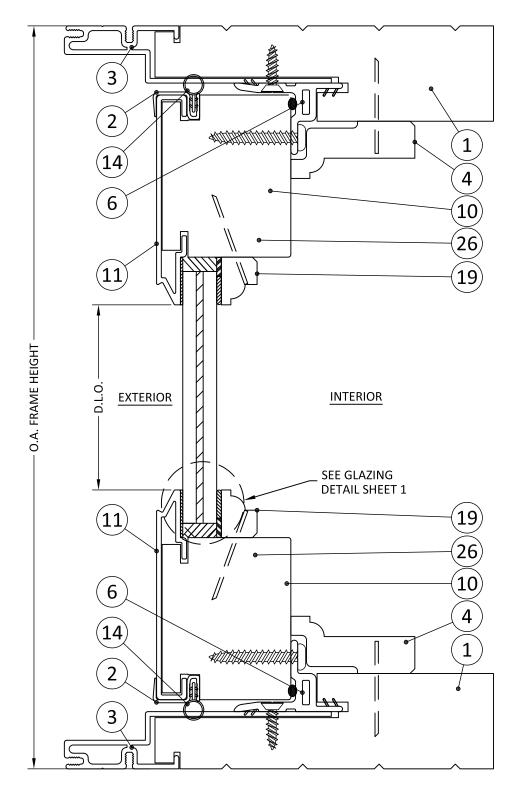
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> NTS SCALE:

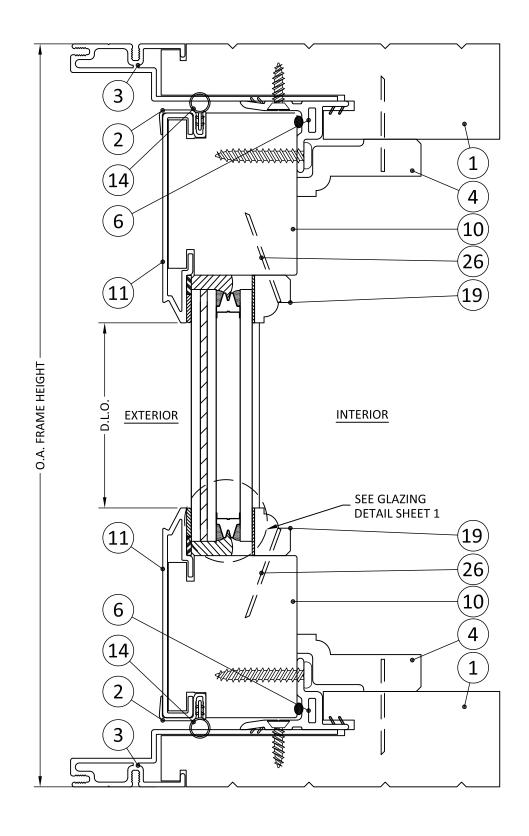
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SHEET

2









VERTICAL SECTION

INSULATED GLASS



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TITLE: E-SERIES HINGED PATIO DOOR TRANSOM - OUTSWING (WZ3) (NON-IMPACT) VERTICAL SECTIONS

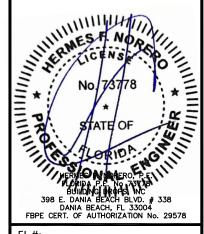
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD, STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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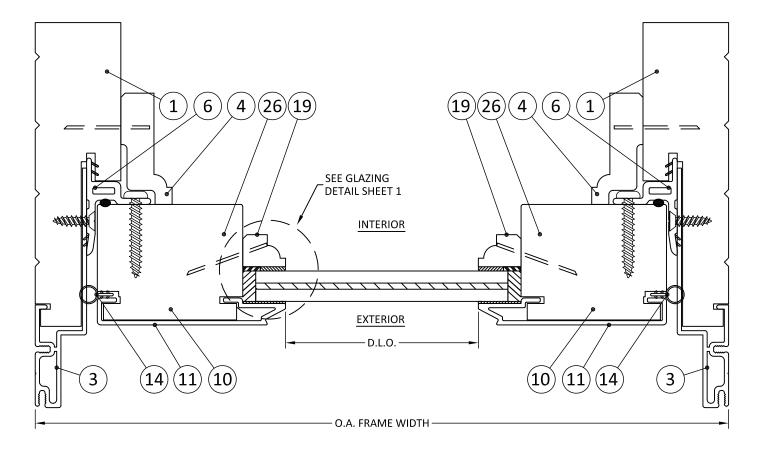
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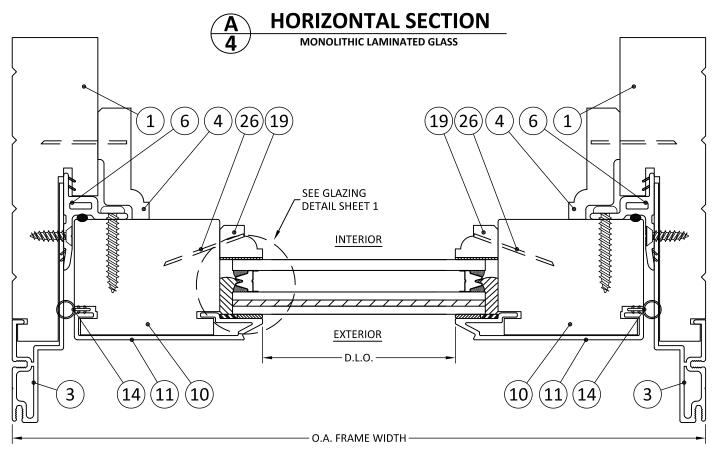
DWG. BY: RV

NTS SCALE: AWD250 DWG. #:

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HORIZONTAL SECTION

INSULATED GLASS



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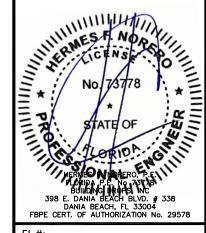
TITLE: E-SERIES HINGED PATIO DOOR TRANSOM - OUTSWING (WZ3) (NON-IMPACT)

PREPARED BY:

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398 E. DANIA BEACH BLVD., STE. 338
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FAX: (954)744.4738

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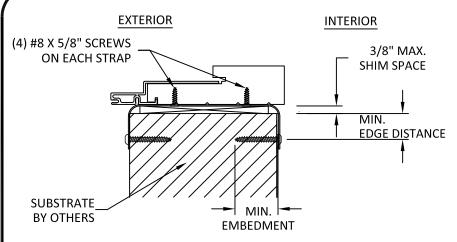
DWG. BY: RV

NTS SCALE:

DWG. #: AWD250

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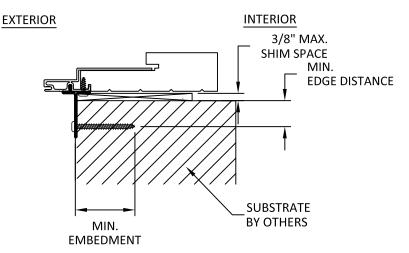


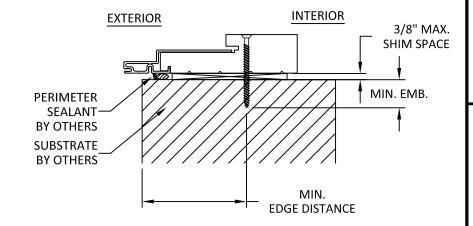


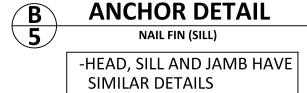


INSTALLATION NOTES:

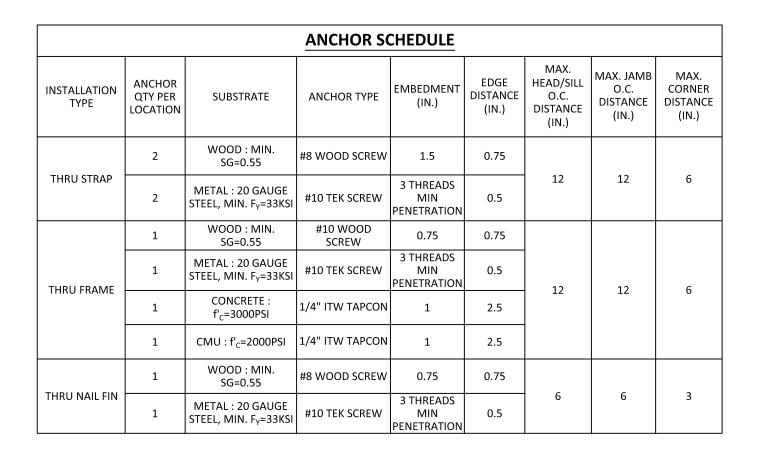
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1.000 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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.
- FOR MASONRY OR CONCRETE OPENINGS. A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- 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
- 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.

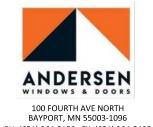












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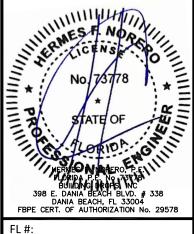
LE: E-SERIES HINGED PATIO DOOR TRANSOM - OUTSWING (WZ3) (NON-IMPACT) i DROPS, I EACH BLVD., STE. EACH, FL 33004 54)399-8478 54)744.4738 ANCHOR DETAILS 8 INSTALLATION NOTE Y: BUILDING [

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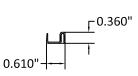
NTS SCALE:

DWG. #: AWD250

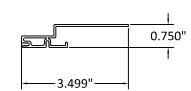
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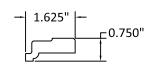
PANEL CAP



HEAD, SILL & JAMB CLADDING



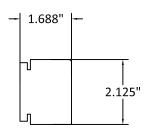
PANEL STOP 4



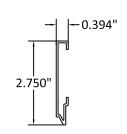
PANEL SHIM 6



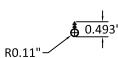
TOP RAIL & STILE 10



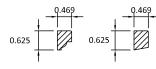
TOP RAIL CLADDING



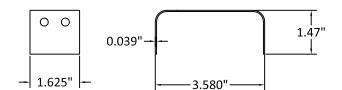
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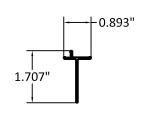
GLAZING STOP 19

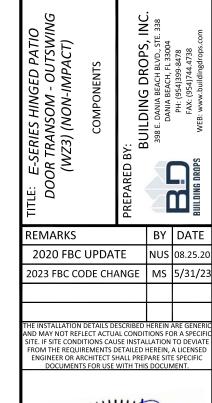


STRAP ANCHOR 33



NAIL FIN 70





ANDERSEN

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COMPONENTS



FL #: FL24230

DATE: 04.18.17 снк. ву: **HFN** DWG. BY:

RV

NTS SCALE: DWG. #: AWD250

SHEET



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 WOO	
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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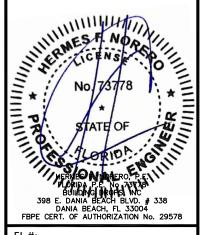
TITLE: E-SERIES HINGED PATIO DOOR TRANSOM - OUTSWING (WZ3) (NON-IMPACT) BILL OF MATERIALS

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, F. 33004
PH: (954)744,4738
FAX: (954)744,4738

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REMARKS		ВҮ	DATE
2020 FBC UPDAT	ГЕ	NUS	08.25.20
2023 FBC CODE CHA	ANGE	MS	5/31/23

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DWG. BY:

NTS SCALE:

DWG. #: AWD250

SHEET