# .23-0818 - fbc submittal - fbc submittal - ew holdings of florida llc name change\dwgs\fl22410\e

# **EURO-WALL, LLC**

# EURO-PIVOT INSWING AND OUTSWING DOOR (HVHZ) (IMPACT)

#### **GENERAL NOTES:**

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), <u>INCLUDING</u> HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
  - TAS 201-94
  - TAS 202-94
  - TAS 203-94
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND 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
- 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.
- 5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED TO PROTECT THIS PRODUCT.
- 6. DOOR FRAME MATERIAL: EXTRUDED ALUMINUM (6063-T5).
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
- 8. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM COMPONENTS SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.

NOTE: WHEN INSTALLED AT A LOCATION PROTECTED BY AN OVERHANG SUCH THAT:

OVERHANG (OH) RATIO = OH LENGTH  $\div$  OH HEIGHT IS  $\ge$ 1.0, WATER INFILTRATION REQUIREMENT DOES NOT NEED TO BE MET

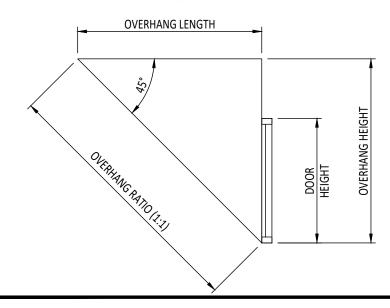
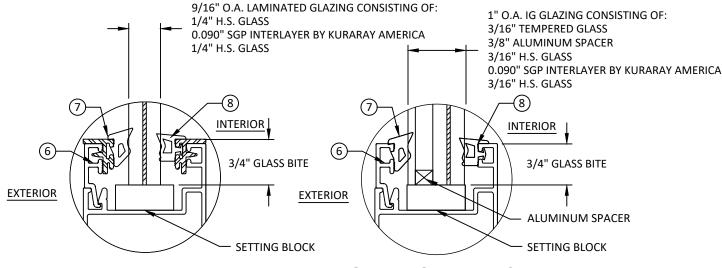


TABLE OF CONTENTS							
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DESIGN PRESSURE RATING							
MAX. UNIT DIMENSIONS DESIGN PRESSURE MISSILE IMPACT RATING WATER TEST PRESSURE							
SEE SHEET 3	SEE SHEET 3	LMI & SMI	9 PSF				



#### **GLAZING DETAIL 1**

#### **GLAZING DETAIL 2**

#### **GLAZING NOTES:**

- GLAZING SHALL COMPLY WITH ASTM E1300 AND FBC SAFETY GLAZING
  REQUIREMENTS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
- 4. 4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.



EURO-WALL, LLC P.O. BOX 8007 NORTH PORT, FL 34290 PH: 888-989-3876

LE: EURO-PIVOT INSWING AND OUTSWING DOOR (HVHZ) (IMPACT) GENERAL NOTES & GLAZING DETAILS

EPARED BY:
BUILDING DROP
398 E. DANIA BEACH BLVD.
DANIA BEACH, FL 330

REMARKS

BY DATE

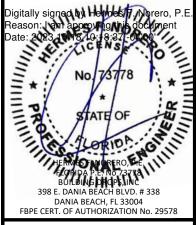
NEW TESTING

LL 4.4.21

MISC. UPDATE

COMPANY NAME UPD. SH 9.29.23

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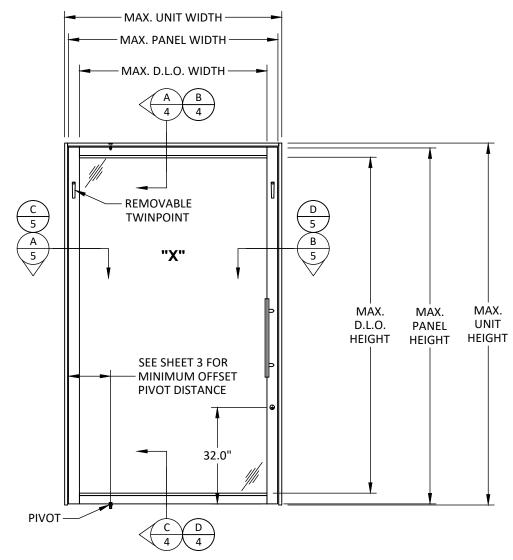
DATE: 11.19.20
DWG. BY: CHK. BY:
YC HFN

YC SCALE: NTS

wg. #: EWS018

SHEET:





### **TYPICAL ELEVATION**

**PIVOT DOOR** 

**SIZE NOTES:** 

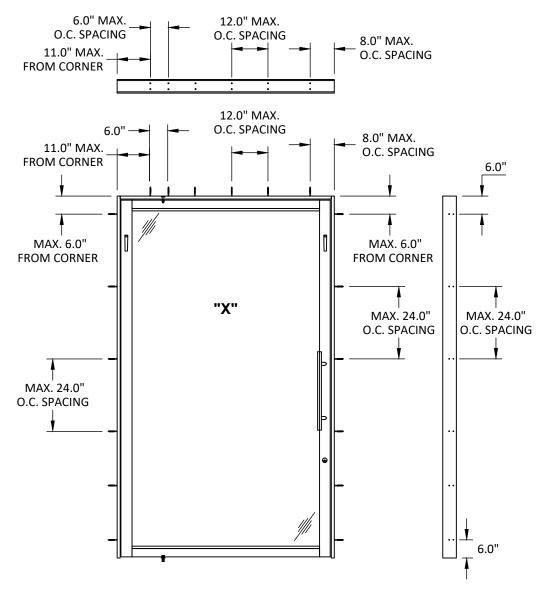
UNIT SIZES SHOWN IN TABLE.

PANEL SIZES ARE AS FOLLOWS: PANEL WIDTH = UNIT WIDTH - 2.5625" PANEL HEIGHT = UNIT HEIGHT - 1.75"

D.L.O. SIZES ARE AS FOLLOWS:

D.L.O. WIDTH = UNIT WIDTH - 9.75"

D.L.O. HEIGHT = UNIT HEIGHT - 8.84"



## **ANCHOR LAYOUT**

**PIVOT DOOR** 

NOTE:

TWIN-POINT & MULTI-POINT LOCKING MECHANISM INTERCHANGEABLE BETWEEN ALL SIZES AND DESIGN PRESSURES.



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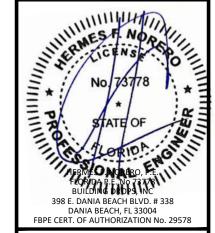
COMPANY NAME UPD.

LL

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YC HFN

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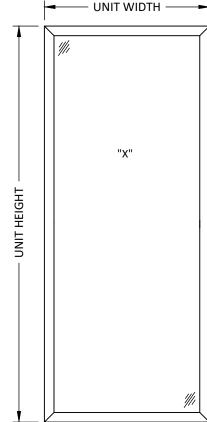
SHEET:

2

ALLOWABLE DESIGN PRESSURE (PSF)									
UNIT WIDTH (INCHES									
72 76 80						88	92	96	100
	72	60.00	60.00	57.00	54.55	52.50	50.77	49.29	48.00
	78	60.00	60.00	56.84	54.03	51.69	49.73	48.07	46.64
(INCHES)	84	60.00	60.00	56.84	54.00	51.43	49.19	47.31	45.71
	90	60.00	60.00	56.84	54.00	51.43	49.09	46.98	45.18
	96	60.00	60.00	56.84	54.00	51.43	49.09	46.96	45.00
	102	60.00	60.00	56.84	54.00	51.43	49.09	46.96	45.00
<u> </u>	108	60.00	60.00	56.84	54.00	51.43	49.09	46.96	-
UNIT HEIGHT	114	60.00	60.00	56.84	54.00	51.43	-	-	-
🛓	120	60.00	60.00	56.84	54.00	-	-	-	-
N	126	60.00	60.00	56.84	-	-	-	-	-
	132	60.00	59.87	-	-	-	-	-	-
	138	60.00	-	-	-	-	-	-	-
	144	60.00	-	-	-	-	-	-	-

	UNIT WIDTH (INCHES)										
44	44 48 52 56 60 64 68 72 76 80 84 88 92 96 100									100	
	MINIMUM PIVOT OFFSET FROM JAMB (INCHES)										
7	7 7 7 7 7 8 11 14 18 21 24 26 29 32										

- INSWING AND OUTSWING UNITS WITH DRAINAGE SYSTEM RATED FOR 9 PSF WATER INFILTRATION RESISTANCE (CORRESPONDING TO 60 PSF DESIGN PRESSURE). UNITS WITHOUT DRAINAGE SYSTEM ARE NOT RATED FOR WATER INFILTRATION RESISTANCE.
- D.P. TABLE VALUES APPLICABLE TO INSWING AND OUTSWING UNITS.

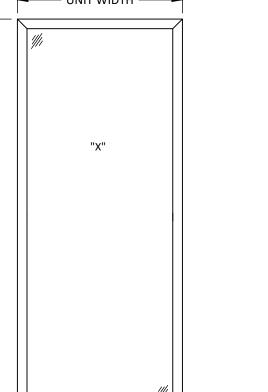


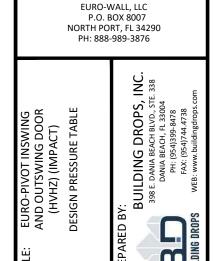
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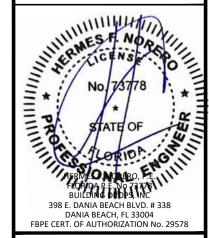




euro-wall

REMARKS BY DATE LL 4.4.21 **NEW TESTING** OL 6.16.23 MISC. UPDATE COMPANY NAME UPD. SH 9.29.23

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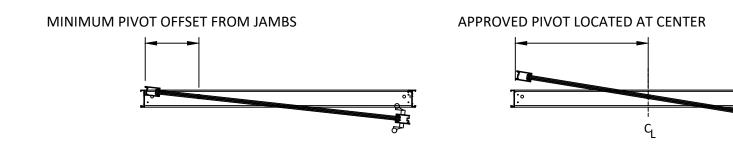
DWG. BY: CHK. BY: HFN

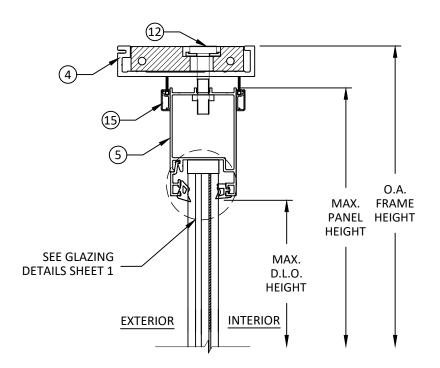
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**EWS018** DWG. #:

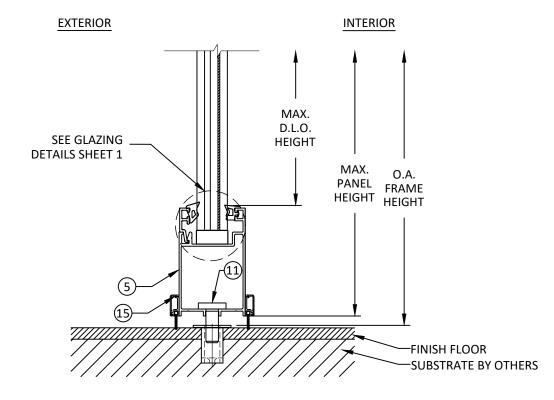
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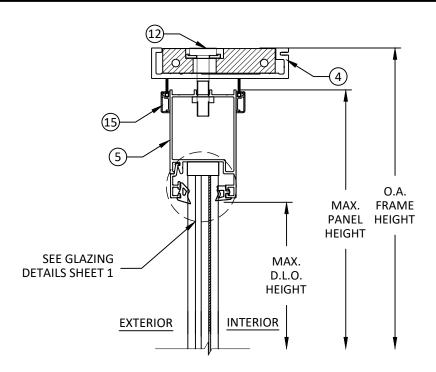




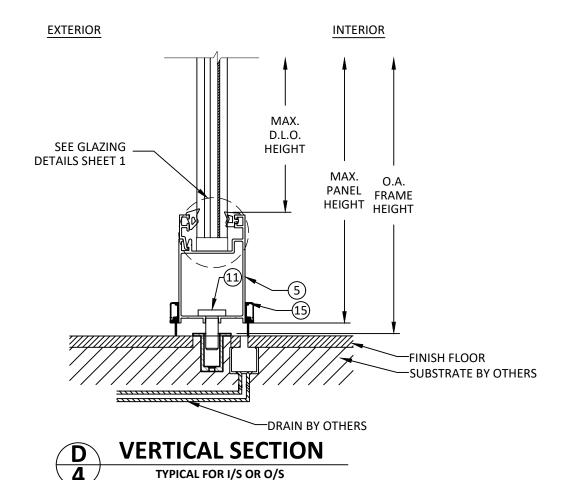












WITH DRAINAGE



EURO-WALL, LLC P.O. BOX 8007 NORTH PORT, FL 34290 PH: 888-989-3876

EURO-PIVOT INSWING
AND OUTSWING DOOR
(HVHZ) (IMPACT)
VERTICAL SECTIONS
ED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
PH: (954)399-8478

REMARKS

NEW TESTING

MISC. UPDATE

COMPANY NAME UPD.

BY

DATE

4.4.21

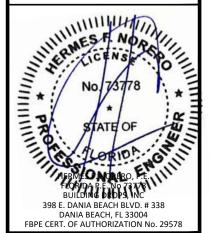
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COMPANY NAME UPD.

SH

9.29.23

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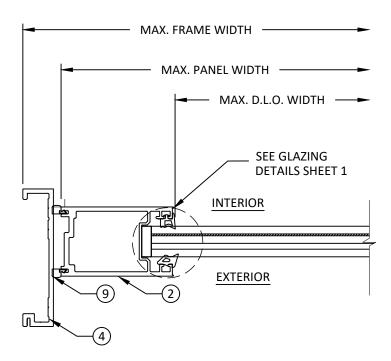
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DWG. BY: CHK. BY: HFN
SCALE: NTS

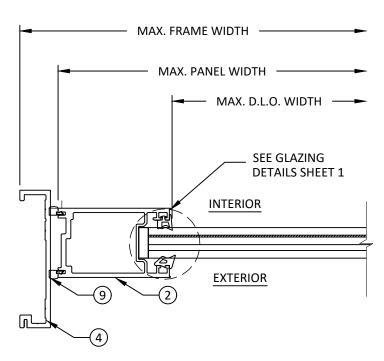
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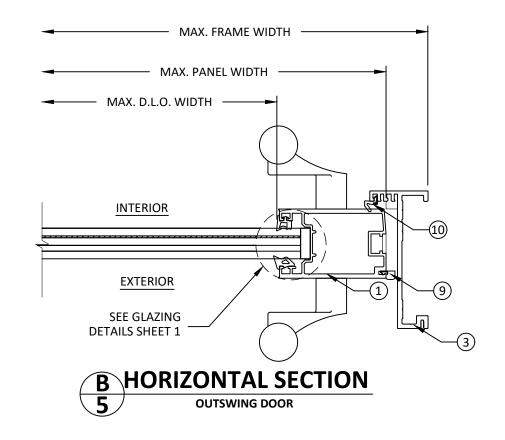


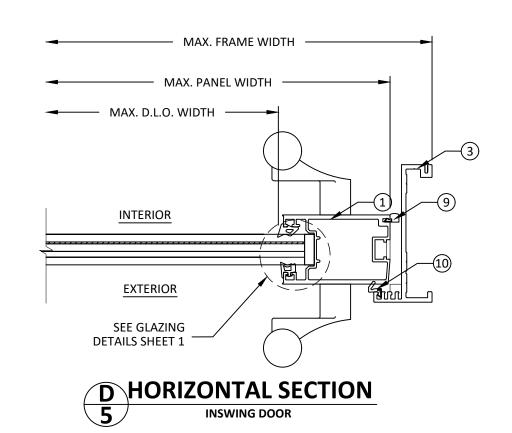














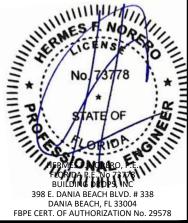
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EURO-PIVOT INSWING AND OUTSWING DOOR (HVHZ) (IMPACT) HORIZONTAL SECTIONS

REMARKS BY DATE 4.4.21 **NEW TESTING** OL 6.16.23 MISC. UPDATE COMPANY NAME UPD. SH 9.29.23

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BUILDING C
398 E. DANIA BEAC
...A REAC

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11.19.20 DATE:

DWG. BY: CHK. BY:

NTS SCALE: **EWS018** DWG. #:

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OF 7

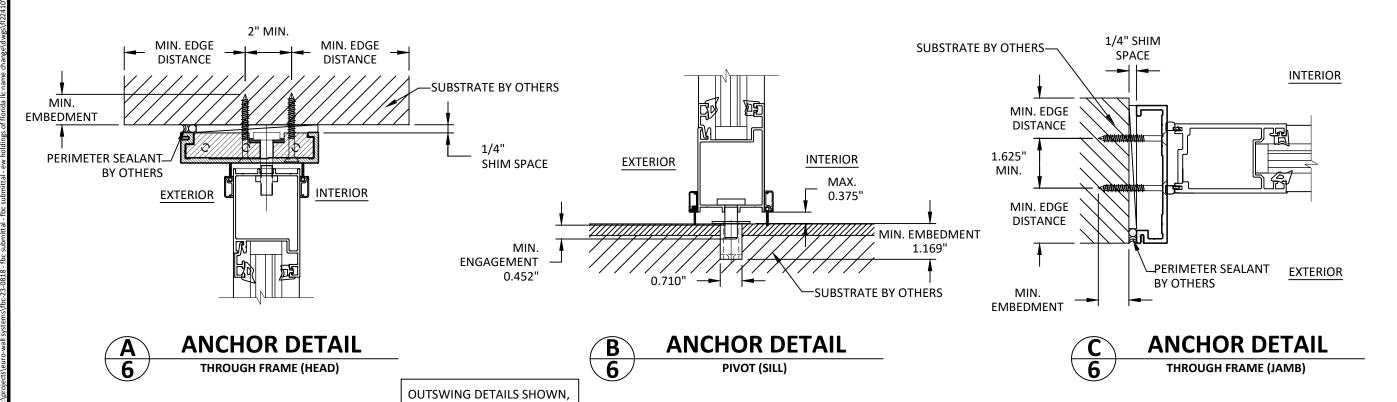
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#### **INSTALLATION NOTES:**

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS SPECIFIED IN THE ANCHOR SCHEDULE. TWO (2) INSTALLATION ANCHORS AT THE JAMBS.
- 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 ±1/2 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. FOR MASONRY OR CONCRETE OPENINGS, 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.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- 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.

**INSWING SIMILAR** 

ANCHOR SCHEDULE								
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE				
	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.5"	0.75"				
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#12 SELF DRILLING OF	3 THREADS MIN					
THROUGH FRAME (HEAD/JAMBS)	METAL: ALUMINUM MIN. 1/8" THICKNESS. MIN. 6063-T5	SELF TAPPING SCREW	PENETRATION BEYOND METAL	0.50"				
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.75"	3.00"				
	MASONRY: CMU per ASTM C90	1/4" ITW TAPCON	1.75"	4.00"				





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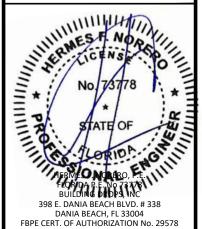
INSTALLATION NOTES & ANCHOR EURO-PIVOT INSWING AND OUTSWING DOC (HVHZ) (IMPACT)

REMARKS

EACH BLVD., STE. BUILDING I

BY **NEW TESTING** LL 4.4.21 OL MISC. UPDATE 6.16.2 COMPANY NAME UPD. SH 9.29.2

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11.19.20 DATE: CHK. BY:

DWG. BY: SCALE: NTS

**EWS018** DWG. #:

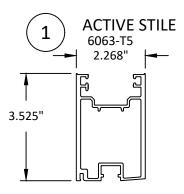
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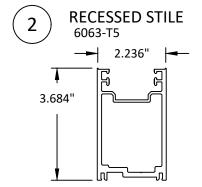


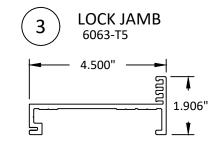
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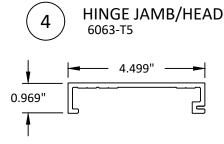
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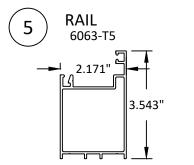
BILL OF MATERIALS						
NO	PART #	DESCRIPTION	MATERIAL			
1	E0027-A C3	ACTIVE STILE	6063-T5			
2	E0036-A C3	RECESSED STILE	6063-T5			
3	E0033-A C3	LOCK JAMB	6063-T5			
4	E0045-A PV	HINGE JAMB/HEAD	6063-T5			
5	E0035-A C3	RAIL	6063-T5			
6	E0010-A C3	BEAD	6063-T5			
7	C0057-A	GLAZING-PIVOT 7/8"	6063-T5			
8	C0058-A	BEDDING-PIVOT	6063-T5			
9	C0112-A	BIG P WEATHER STRIPPING-PANEL	URETHANE			
10	C0114-A	FRAME WEATHER STRIPPING	URETHANE			
11	C0038-A	PIVOT DOOR PIN BOTTOM	SS			
12	C0039-A	PIVOT DOOR PIN TOP	SS			
13	C0062-A	TWIN POINT HANDLE SHORT	STEEL ASSY			
14	C0064-A	MULTIPOINT HANDLE	STEEL ASSY			
15	C0053-A	DOOR SWEEP	NYLON			
16	E0062-A	C3 REDUCER BAR .25in	6063-T5			
17	E0063-A	C3 REDUCER BAR 9/16	6063-T5			
18	THUMB TURN	THUMB TURN	STEEL			
19	E0031-A	CORNER KEY	6063-T5			
20	PULL BAR	PULL BAR	ALLOY			

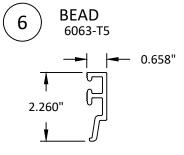


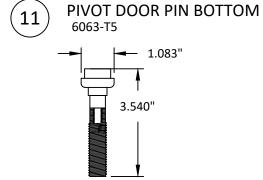


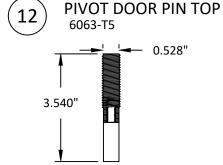


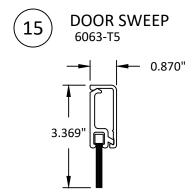














EURO-WALL, LLC P.O. BOX 8007 NORTH PORT, FL 34290 PH: 888-989-3876

EURO-PIVOT INSWING AND OUTSWING DOOR (HVHZ) (IMPACT) BILL OF MATERIALS

REMARKS

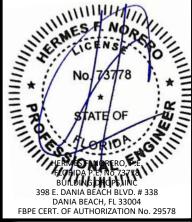
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

BY DATE **NEW TESTING** LL 4.4.21 OL 6.16.23 MISC. UPDATE

SH 9.29.23

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COMPANY NAME UPD.



FL22410 11.19.20 DATE: DWG. BY: CHK. BY: Ϋ́С ΉFΝ NTS SCALE: EWS018 DWG. #:

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