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

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN **EVALUATED ACCORDING TO THE FOLLOWING:**
- TAS 202-94
- 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 REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- 6. DOOR FRAME MATERIAL: EXTRUDED ALUMINUM (6063-T5).
- 7. GLASS SHALL MEET 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 \geq 1.0, WATER INFILTRATION REQUIREMENT DOES NOT NEED TO BE MET

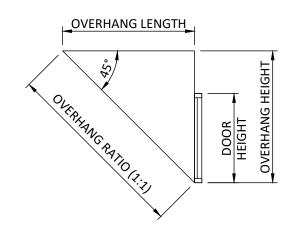
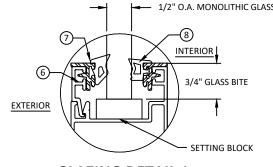
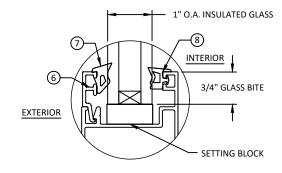


TABLE OF CONTENTS						
SHEET	SHEET DESCRIPTION					
1	GENERAL NOTES & GLAZING DETAILS					
2	ELEVATION & ANCHOR LAYOUT					
3	DESIGN PRESSURE TABLE					
4	VERTICAL SECTIONS					
5	HORIZONTAL SECTIONS					
6	INSTALLATION NOTES, ANCHOR TABLE, & ANCHOR DETAILS					
7	BILL OF MATERIALS & COMPONENTS					

DESIGN PRESSURE RATING							
MAX. UNIT DIMENSIONS DESIGN PRESSURE MISSILE IMPACT RATING WATER TEST PRESSURE							
SEE SHEET 3	SEE SHEET 3	NON-IMPACT	9 PSF				



GLAZING DETAIL 1



GLAZING DETAIL 2

- GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS.
- 2. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER EBC 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 EBC



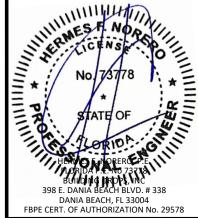
FURO-WALL LLC 24100 TISEO BOULEVARD PORT CHARLOTTE, FL 33980 PH: 888-989-3876

GENERAL NOTES & GLAZING DETAILS

UILDING DROPS,

REMARKS DATE COMPANY NAME UPD SH

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENER FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC



FL22410

04.26.23 DATE: DWG. BY: CHK. BY:

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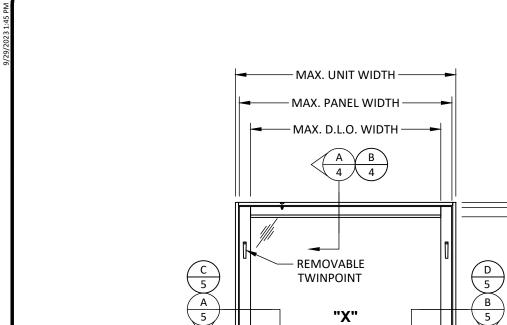
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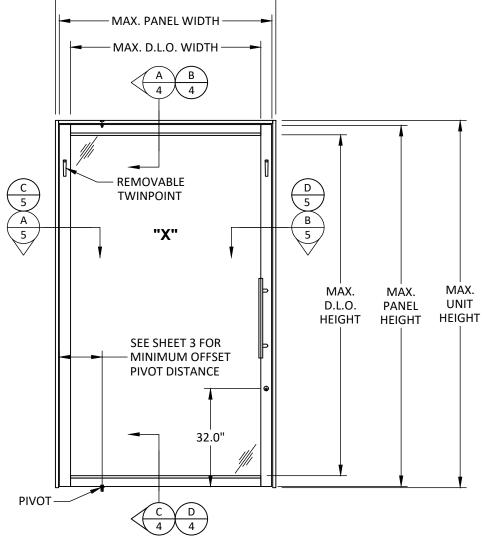
SHEET:



OF 7

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TYPICAL ELEVATION

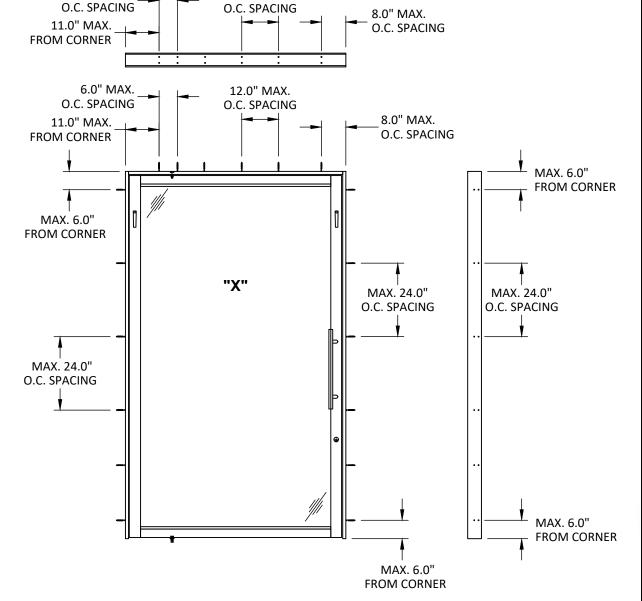
PIVOT DOOR

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"



12.0" MAX.

ANCHOR LAYOUT

PIVOT DOOR

NOTE:

6.0" MAX.

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



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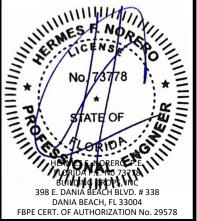
PREPARED BY:

BUILDING DROPS, IN
398 E. DANIA BEACH, EL 33004
DANIA BEACH, EL 33004

EURO-PIVOT INSWING AND OUTSWING DOOR (NON-HVHZ)(NON-IMPACT) ELEVATION AND ANCHOR LAYOUT

BY DATE **REMARKS** COMPANY NAME UPD. SH 09/23

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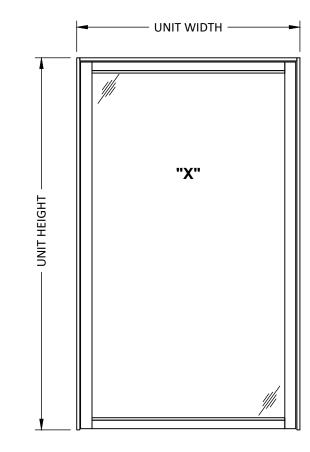
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	ALLOWABLE DESIGN PRESSURE (PSF)											
	UNIT WIDTH (INCHES)											
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	72	60.00	60.00	60.00	60.00	60.00	57.00	54.55	52.50	50.77	49.29	48.00
	78	60.00	60.00	60.00	60.00	60.00	56.84	54.03	51.69	49.73	48.07	46.64
	84	60.00	60.00	60.00	60.00	60.00	56.84	54.00	51.43	49.19	47.31	45.71
	90	60.00	60.00	60.00	60.00	60.00	56.84	54.00	51.43	49.09	46.98	45.18
	96	60.00	60.00	60.00	60.00	60.00	56.84	54.00	51.43	49.09	46.96	45.00
ES)	102	60.00	60.00	60.00	60.00	60.00	56.84	54.00	51.43	49.09	46.96	45.00
(INCHES)	108	60.00	60.00	60.00	60.00	60.00	56.84	54.00	51.43	49.09	46.96	-
=	114	60.00	60.00	60.00	60.00	60.00	56.84	54.00	51.43	-	-	-
높	120	60.00	60.00	60.00	60.00	60.00	56.84	54.00	ı	-	-	-
=	126	60.00	60.00	60.00	60.00	60.00	56.84	-	ı	-	-	-
UNIT HEIGHT	132	60.00	60.00	60.00	60.00	59.87	-	-	ı	-	-	-
5	138	60.00	60.00	60.00	60.00	-	-	-	-	-	-	-
	144	60.00	60.00	60.00	60.00	ı	-	-	ı	-	-	-
	150	60.00	60.00	60.00	-	-	-	-	-	-	-	-
	156	60.00	60.00	-	-	-	-	-	ı	-	-	-
	162	60.00	60.00	-	-	-	-	-	ı	-	-	-
	168	60.00	-	-	-	ı	-	-	ı	-	-	-

	UNIT WIDTH (INCHES)									
44	44 48 52 56 60 64 68 72 76 80 84 88 92 96 100									
	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.
- DP TABLE VALUES APPLICABLE TO INSWING AND OUTSWING UNITS.

MINIMUM PIVOT OFFSET FROM JAMBS



SIZE NOTES:

UNIT SIZES SHOWN IN TABLE.

PANEL SIZES ARE AS FOLLOWS: PANEL WIDTH = UNIT WIDTH - 2.00" PANEL HEIGHT = UNIT HEIGHT - 1.375"

D.L.O. SIZES ARE AS FOLLOWS: D.L.O. WIDTH = UNIT WIDTH - 9.822" D.L.O. HEIGHT = UNIT HEIGHT - 8.034"



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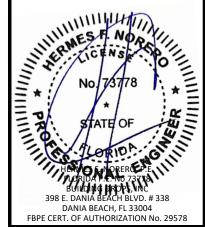
398 E. DANIA BEACH BLVD., STE.
DANIA BEACH, FL 33004

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

DESIGN PRESSURE TABLE

BY DATE **REMARKS** COMPANY NAME UPD.

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENER THE INSTALLATION DETAILS SECURISED THEREIN ARE GENERAL IND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFI-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.



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SH

NTS SCALE:

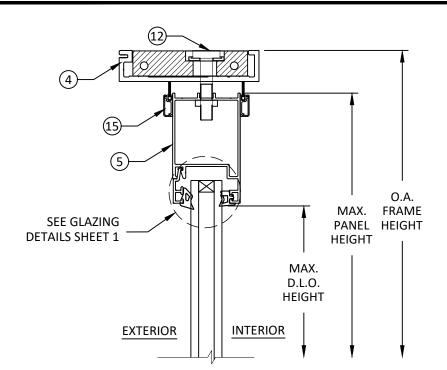
EWS031 DWG. #:

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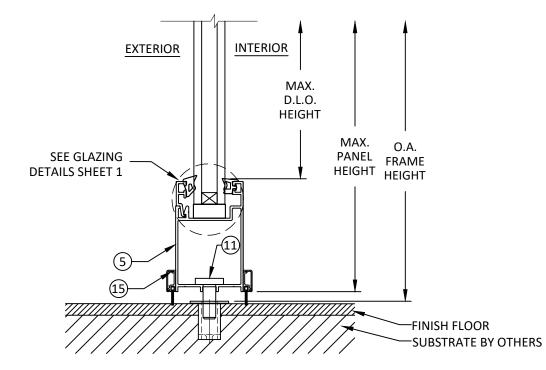


OF 7

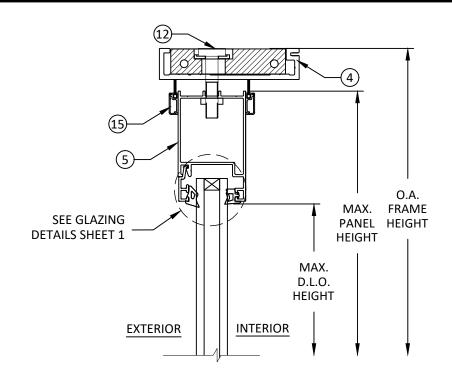
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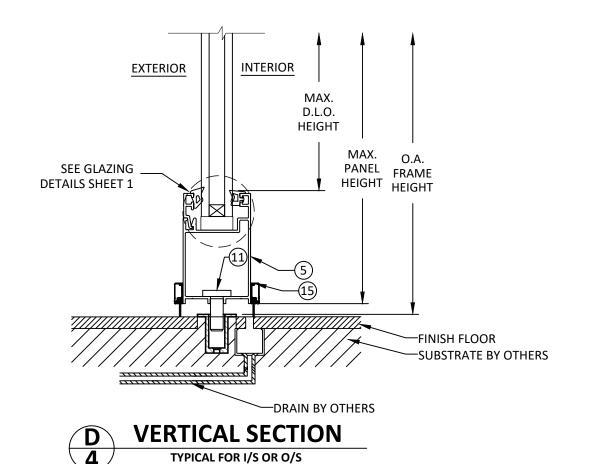












WITH DRAINAGE

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VERTICAL SECTIONS

BY:

BUILDING DROPS, IN

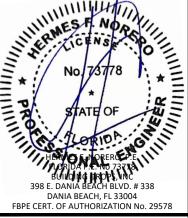
398 E. DANIA BEACH BLVD., STE. 33

DANIA BEACH, FL 33004

: EURO-PIVOT INSWING AND OUTSWING DOOR (NON-HVHZ)(NON-IMPACT)

PREPARED I

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERI AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFI 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.



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DATE: 04.26.23

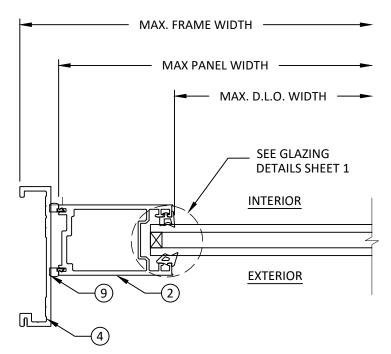
DWG, BY: CHK, BY: HFN

SH SCALE: NTS

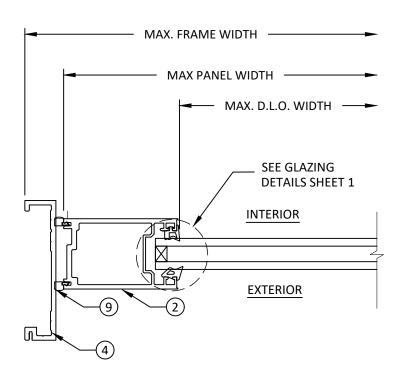
DWG. #: EWS031

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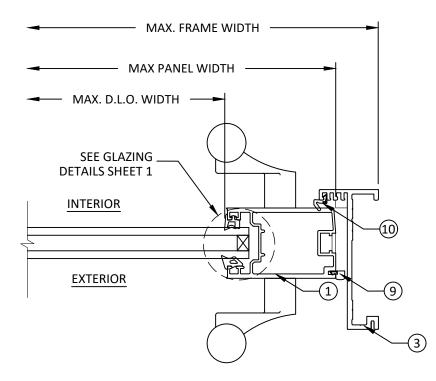




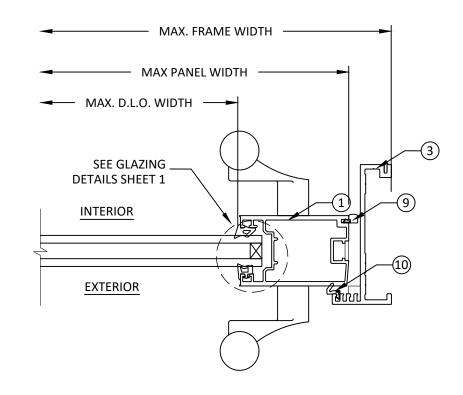
A HORIZONTAL SECTION OUTSWING DOOR



C HORIZONTAL SECTION
INSWING DOOR



B HORIZONTAL SECTION OUTSWING DOOR







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SECTIONS

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

PREPARED BY:

BUILDING DROPS, II

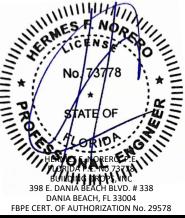
398 E. DANIA BEACH BLVD, STE. 3

DANIA BEACH, FL 33004

PH: (954)399-8478

REMARKS BY DATE
COMPANY NAME UPD. SH 09/23

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERII AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIAL 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.



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DATE: 04.26.23

DWG. BY: CHK. BY: HFN

SCALE: NTS

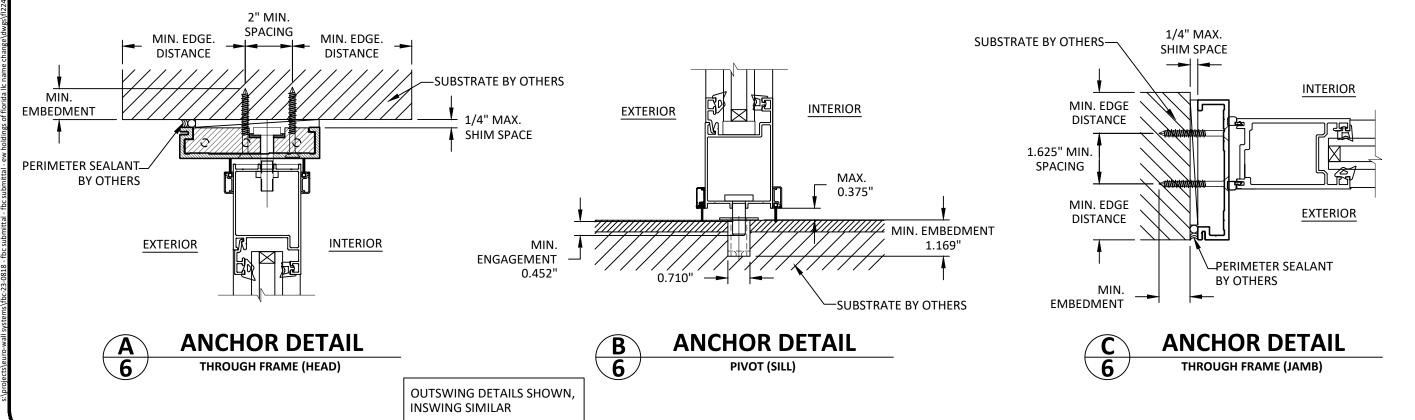
DWG. #: EWS031

SHEET:

5

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS SPECIFIED IN THE ANCHOR SCHEDULE. TWO (2) INSTALLATION ANCHORS AT THE JAMBS.
- 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. 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.
- 6. 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.
- 8. 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.
- 9. 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								
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 OR	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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TLE: EURO-PIVOT INSWING
AND OUTSWING DOOR
(NON-HVHZ)(NON-IMPACT)
INSTALLATION NOTES, ANCHOR TABLE,
& ANCHOR DETAILS

INSTALLATION NOTES, ANCHOR TA
& ANCHOR DETAILS

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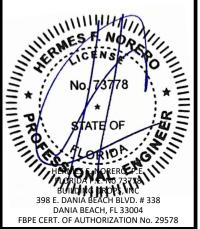
BUILDING DROPS, I
398 E. DANIA BEACH BLVD., STE.
DANIA BEACH, FL 33004

REMARKS

BY DATE

COMPANY NAME UPD. SH 09/23

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DATE: 04.26.23

DWG. BY: CHK. BY: HFN

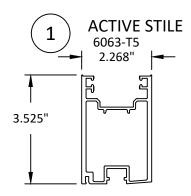
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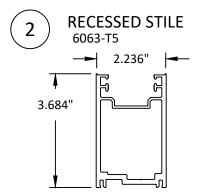
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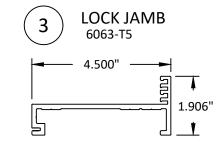


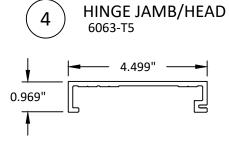
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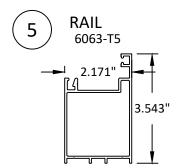
BILL OF MATERIALS							
NO	PART #	DESCRIPTION	MATERIAL				
1	E0027-A C3	ACTIVE STILE	6063-T5				
2	E0036-A C3	RECESSED STILE	6063-T5				
3	E0033-A C3	LOCK JAMB	6063-T5				
4	E0045-A PV	HINGE JAMB/HEAD	6063-T5				
5	E0035-A C3	RAIL	6063-T5				
6	E0010-A C3	BEAD	6063-T5				
7	C0057-A	GLAZING-PIVOT 7/8"	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	STAINLESS STEEL				
12	C0039-A	PIVOT DOOR PIN TOP	STAINLESS STEEL				
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				

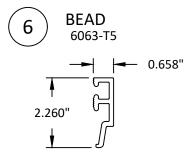


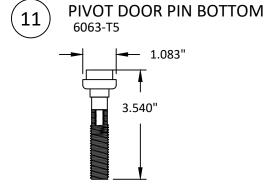


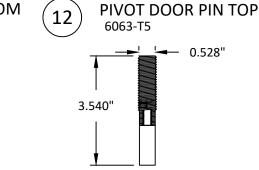


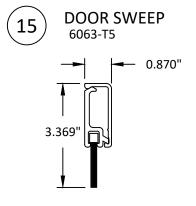














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EURO-PIVOT INSWING AND OUTSWING DOOR (NON-HVHZ)(NON-IMPACT) BILL OF MATERIALS & COMPONENTS

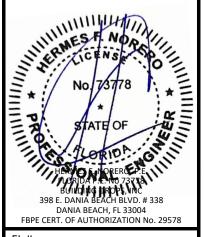
PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH; 133004
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BY DATE REMARKS SH 09/23 COMPANY NAME UPD.

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERI THE INSTALLATION DETAILS DESCRIBED THEREIN ARE GENERAL
MAND 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.



FL22410

DATE: 04.26.23

DWG. BY: CHK. BY: SH

HFN NTS SCALE:

EWS031 DWG. #:

SHEET: