EURO-WALL, LLC

EURO C5 OUTSWING CASEMENT WINDOW (HVHZ) (IMPACT)

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E283-19
 - ASTM E331-00 (16)
 - 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 IN AREAS REQUIRING IMPACT RESISTANCE.
- 6. FRAME MATERIAL: ALUMINUM 6063-T5.
- 7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE SHEET 2 FOR GLAZING DETAILS.

	TABLE OF CONTENTS						
SHEET	SHEET DESCRIPTION						
1	GENERAL NOTES						
2	GLAZING DETAILS						
3	SINGLE ELEVATION AND DESIGN PRESSURE TABLE						
4	MULLED ELEVATION AND DESIGN PRESSURE TABLE						
5	ANCHOR LAYOUTS						
6	VERTICAL SECTION						
7	HORIZONTAL SECTIONS						
8	INSTALLATION DETAILS AND ANCHOR SCHEDULE						

UNIT SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING				
SEE SHEETS 3 & 4	SEE SHEETS 3 & 4	LARGE & SMALL MISSILE IMPACT				

NOTE: UNITS ARE RATED FOR WATER INFILTRATION FOR A WATER TEST PRESSURE OF 12 PSF.



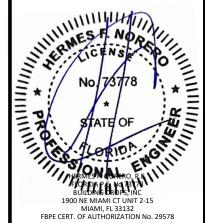
EURO-WALL, LLC P.O. BOX 8007 NORTH PORT, FL 34290 PH: (888) 989-3876

EURO C5 OUTSWING CASEMENT WINDOW (HVHZ) (IMPACT)

GENERAL NOTES

REMARKS BY DATE

AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF SITE IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIA ROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC



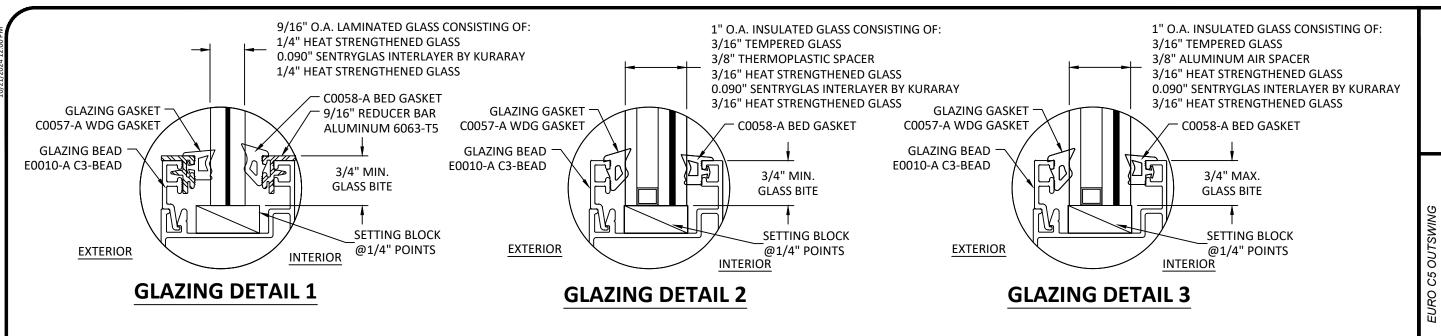
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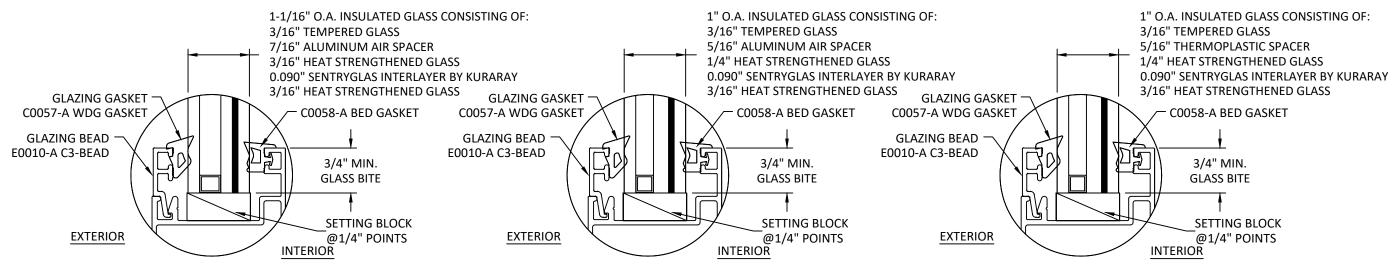
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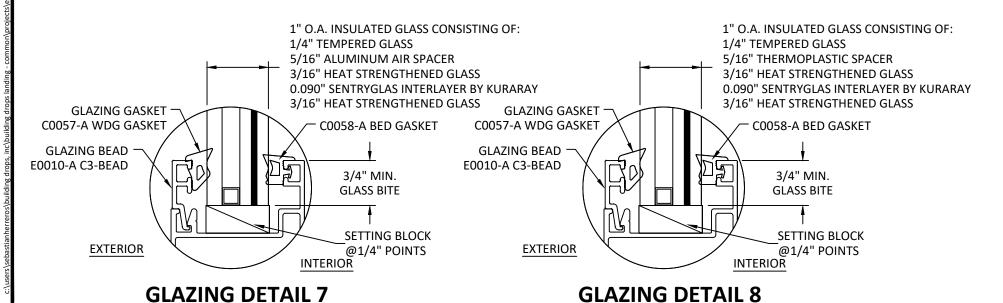
EWS039 DWG. #:

SHEET





GLAZING DETAIL 5

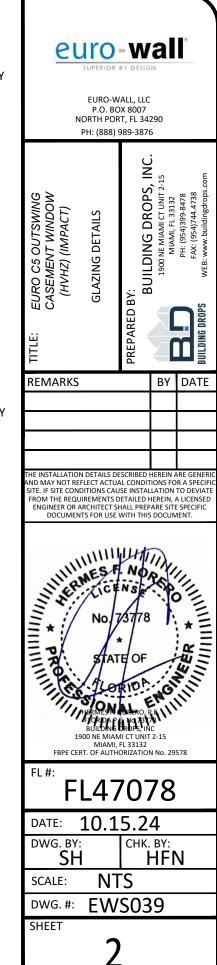


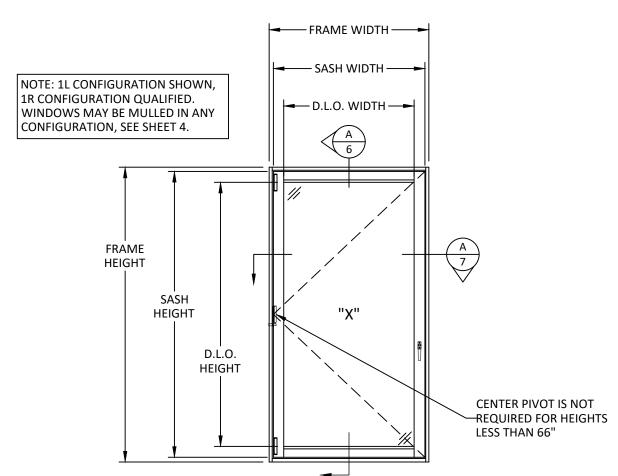
GLAZING DETAIL 4

GLAZING NOTES:

GLAZING DETAIL 6

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24
- 3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- 4. D.L.O AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN ELEVATIONS.





	SINGLE CASEMENT WINDOW DESIGN PRESSURE TABLE (PSF)												
	FRAME WIDTH (IN.)												
		28	34	40	46	52	58	64	70	76	82	88	94
	48	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	54	80.0	80.0	80.0	80.0	80.0	77.0	77.0	77.0	77.0	77.0	77.0	-
· ·	60	80.0	80.0	80.0	80.0	80.0	71.7	69.3	69.3	69.3	69.3	-	-
(IN.)	66	80.0	80.0	80.0	80.0	80.0	71.7	65.0	63.0	-	-	-	-
HEIGHT	72	80.0	80.0	80.0	80.0	80.0	71.7	65.0	-	-	-	-	-
빌	78	80.0	80.0	80.0	80.0	80.0	71.7	65.0	-	-	-	-	-
	84	80.0	80.0	80.0	80.0	80.0	71.7	-	-	-	-	-	-
FRAME	90	80.0	80.0	80.0	80.0	80.0	-	-	-	-	-	-	-
	96	80.0	80.0	80.0	80.0	80.0	-	-	-	-	-	-	-
	102	80.0	80.0	80.0	74.7	-	-	-	-	-	-	-	-
	108	80.0	80.0	71.9	62.8	-	-	-	-	-	-	-	-
	114	80.0	71.6	61.0	-	-	-	-	-	-	-	-	-
	120	74.3	61.3	52.3	-	-	-	-	-	-	-	-	-

ELEVATION

SINGLE OUTSWING CASEMENT

SASH HEIGHT = FRAME HEIGHT - 2.897"

D.L.O. WIDTH = FRAME WIDTH - 9.50"

euro-wall

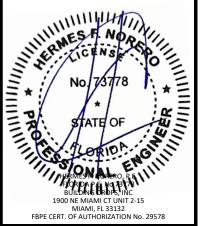
EURO-WALL, LLC P.O. BOX 8007 NORTH PORT, FL 34290 PH: (888) 989-3876

EURO C5 OUTSWING CASEMENT WINDOW (HVHZ) (IMPACT) SINGLE ELEVATION AND DESIGN PRESSURE TABLE

BUILDING DROPS, INC
BUILDING DROPS, INC
1900 NE MIAMI, EL 33132
MIAMI, EL 33132
PH: (954)399-8478
FAX: (954)744.4738

REMARKS BY DATE

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.



FL#: FL47078

DATE: 10.15.24

DWG. BY:

CHK. BY: NTS SCALE:

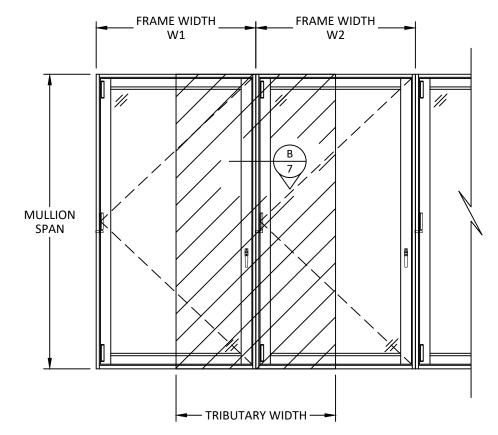
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SHEET

OF 8

SASH WIDTH = FRAME WIDTH - 2.75"

D.L.O. HEIGHT = FRAME HEIGHT - 10.0"



ELEVATION MULLED CONFIGURATION

TRIBUTARY WIDTH = (W1+W2)/2

	MULLION DESIGN PRESSURE TABLE (PSF)												
	TRIBUTARY WIDTH (IN.)												
		28	34	40	46	52	58	64	70	76	82	88	94
·	48	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
E.	54	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	-
SPAN	60	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
	66	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-	-	-
MULLION	72	80.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-	-	-	-
MUI	78	80.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-	-	-	-
	84	80.0	80.0	80.0	80.0	80.0	80.0	-	-	1	-	-	-
	90	80.0	80.0	80.0	80.0	80.0	-	-	-	-	-	-	-
	96	80.0	80.0	80.0	80.0	80.0	-	-	-	-	-	-	-

NOTE: LESSER DESIGN PRESSURE OF THIS TABLE AND THE TABLE ON SHEET 3 SHALL APPLY TO THE MULLED CONFIGURATION.



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

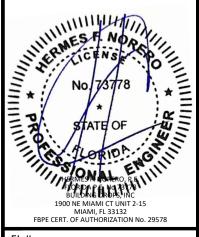
EURO C5 OUTSWING CASEMENT WINDOW (HVHZ) (IMPACT)

MULLED ELEVATION AND DESIGN PRESSURE TABLE

BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
PH: (954)744,4738
FAX: (954)744,4738

REMARKS BY DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERI AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFI NOT MAY NOT REFLECT ACTION 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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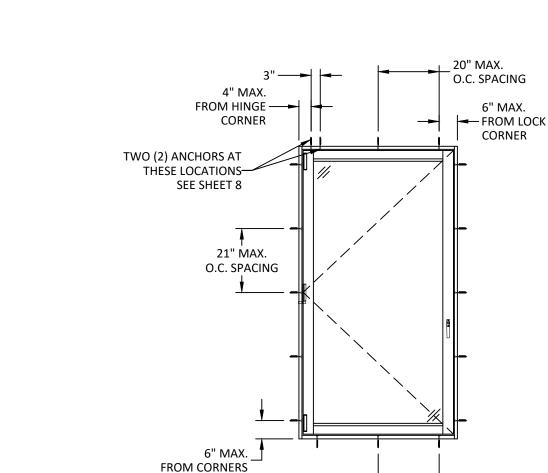
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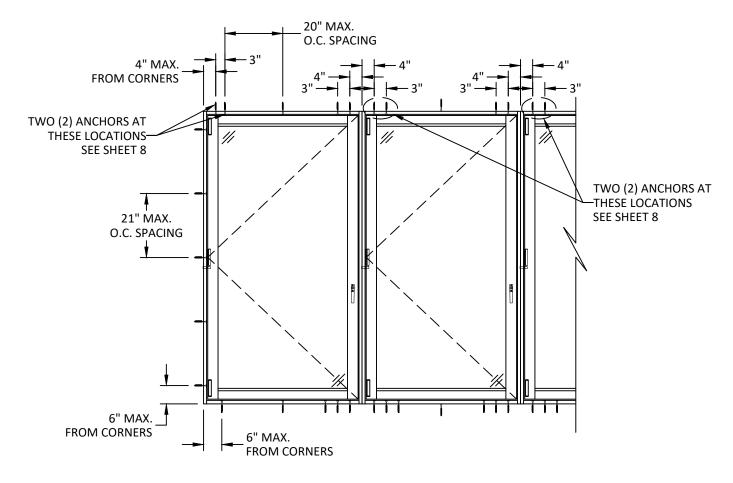
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NTS SCALE:

EWS039 DWG. #:

SHEET





ANCHOR LAYOUT MULLED CONFIGURATION

NOTE: (2) ANCHORS PER LOCATION AT THE JAMBS. SEE SHEET 8.

20" MAX. O.C. SPACING

ANCHOR LAYOUT

SINGLE OUTSWING CASEMENT



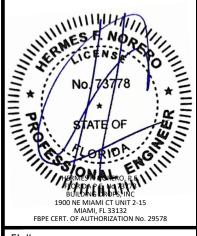
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EURO C5 OUTSWING CASEMENT WINDOW (HVHZ) (IMPACT)

ANCHOR LAYOUTS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMII CT UNIT 2-15
MIAMII, FL 33132
PH: (954)744.4738
FAX: (954)744.4738 **REMARKS** BY DATE

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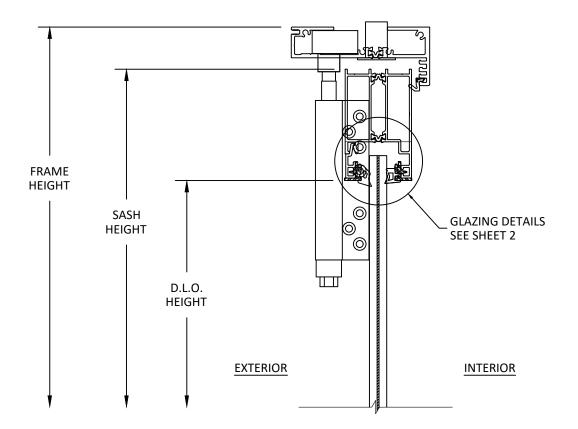
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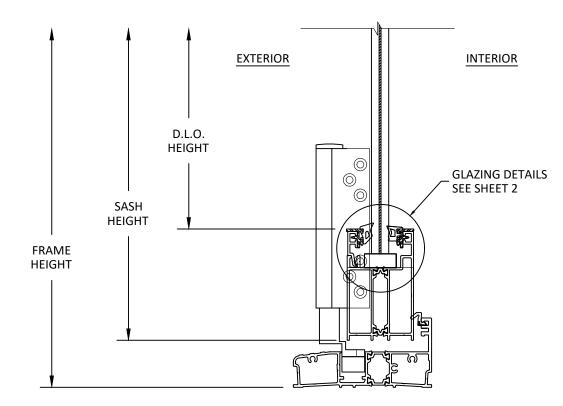
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EWS039 DWG. #:

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NOTE: 9/16" LAMINATED GLASS SHOWN, INSULATED GLASS ALSO QUALIFIED.







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

VERTICAL SECTION

EURO C5 OUTSWING CASEMENT WINDOW (HVHZ) (IMPACT)

PREPARED BY:

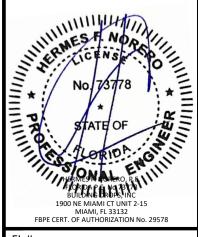
BUILDING DROPS, INC.

1900 NE MIAMI CT UNIT 2-15

MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)7444738
FAX: (954)7444738 BY DATE

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

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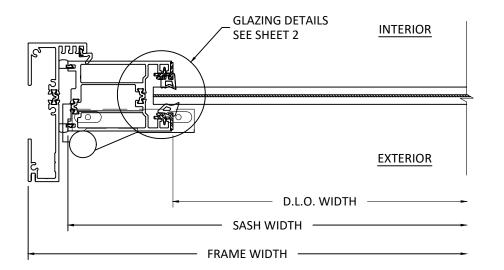
10.15.24 DATE:

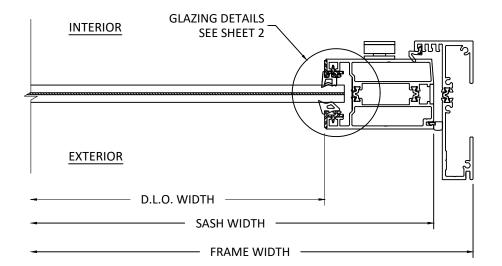
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NTS SCALE: EWS039 DWG. #:

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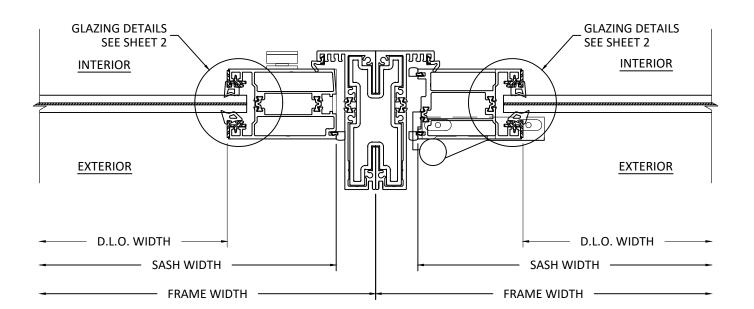
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HORIZONTAL SECTION SINGLE OUTSWING CASEMENT WINDOW

NOTE: 9/16" LAMINATED GLASS SHOWN, INSULATED GLASS ALSO QUALIFIED.







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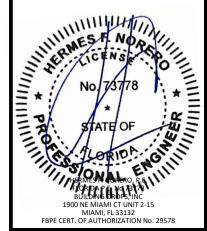
HORIZONTAL SECTIONS

EURO C5 OUTSWING CASEMENT WINDOW (HVHZ) (IMPACT)

3Y:
BUILDING DROPS, IN
1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
PH: (954)399-488

REMARKS	BY	DATE
THE INSTALLATION DETAILS DESCRIBED I	HEREIN A	ARE GENE

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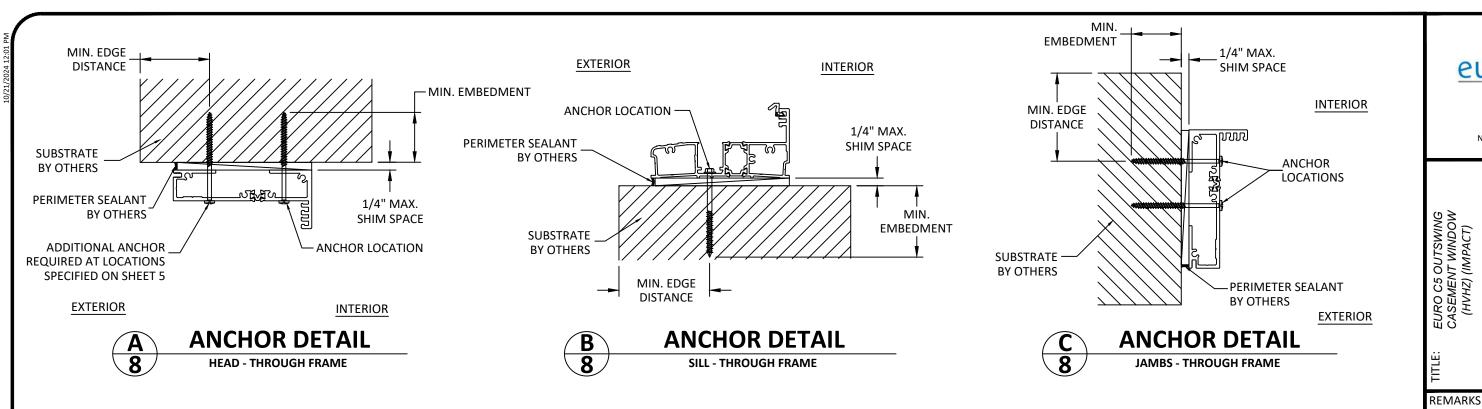
DATE: 10.15.24 DWG. BY: CHK. BY:

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EWS039 DWG. #:

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INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS SPECIFIED IN THE ANCHOR SCHEDULE OR DETAILS ABOVE. TWO (2) INSTALLATION ANCHORS AT THE JAMBS.
- OPTIONAL 1X AND 2X WOOD STUDS FOR CONCRETE/CMU INSTALLATION.
- 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.
- 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.
- 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 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.

ANCHOR SCHEDULE								
METHOD	SUBSTRATE ANCHOR TYPE		MIN. EMBEDMENT	MIN. EDGE DISTANCE				
	WOOD: MIN. S.G. = 0.55	#14 WOOD SCREW	1.50"	0.75"				
THROUGH FRAME	METAL: STEEL MIN. 18 GAUGE (MIN. Fy = 36 KSI) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	1/4" TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.5"				
	CONCRETE: MIN. f'c = 3000 psi	1/4" ITW TAPCON	1.50"	1.50"				
	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.00"	2.50"				



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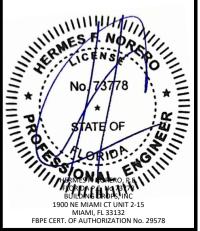
INSTALLATION DETAILS AND ANCHOR SCHEDULE EURO C5 OUTSWING CASEMENT WINDON (HVHZ) (IMPACT)

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3UILDING DROPS, I 1900 NE MIAMI CT UNIT 2-15 MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)744.4738

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