

Euro-Wall Systems, LLC

EURO C5 FOLDING DOOR SYSTEM

(HVHZ) (IMPACT)

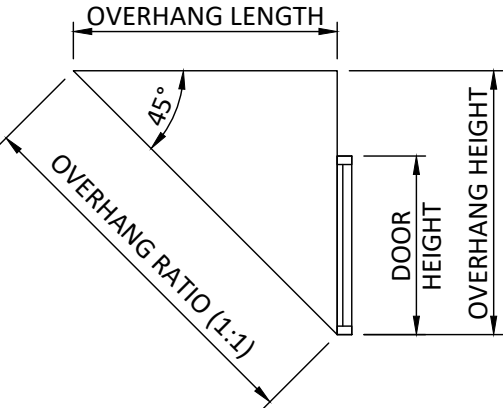
GENERAL NOTES:

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:
 - 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 MEET THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 2 & 3.

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8	OUTSWING HORIZONTAL SECTIONS
9	INSWING HORIZONTAL SECTIONS
10	ANCHOR DETAILS

FRAME SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEET 5	SEE SHEET 5	LARGE & SMALL MISSILE IMPACT

NOTE: WHEN INSTALLED AT A LOCATION PROTECTED BY AN OVERHANG SUCH THAT:
 $\text{OVERHANG (OH) RATIO} = \text{OH LENGTH} \div \text{OH HEIGHT} \geq 1.0$,
WATER INFILTRATION REQUIREMENT DOES NOT NEED TO BE MET



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

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GENERAL NOTES & TABLE OF CONTENTS

PREPARED BY:

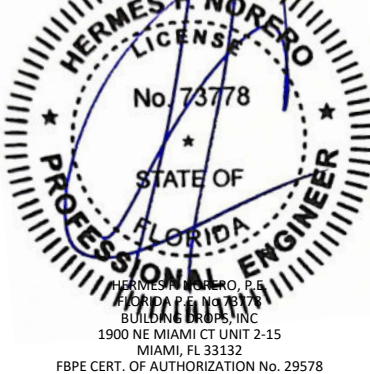
BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.12.20 21:46:38 -0500



FL #:

FL27023

DATE: 12.07.23

DWG. BY: FB CHK. BY: SM

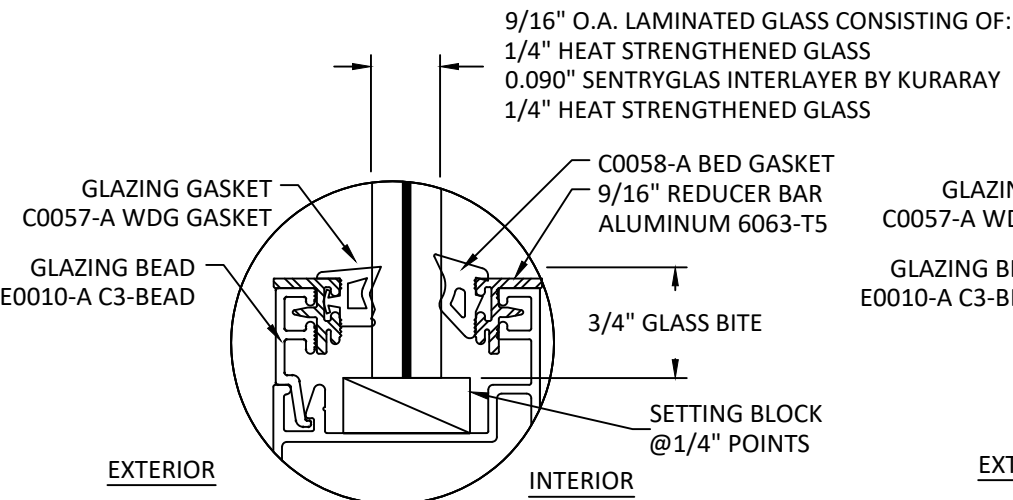
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DWG. #: EWS036

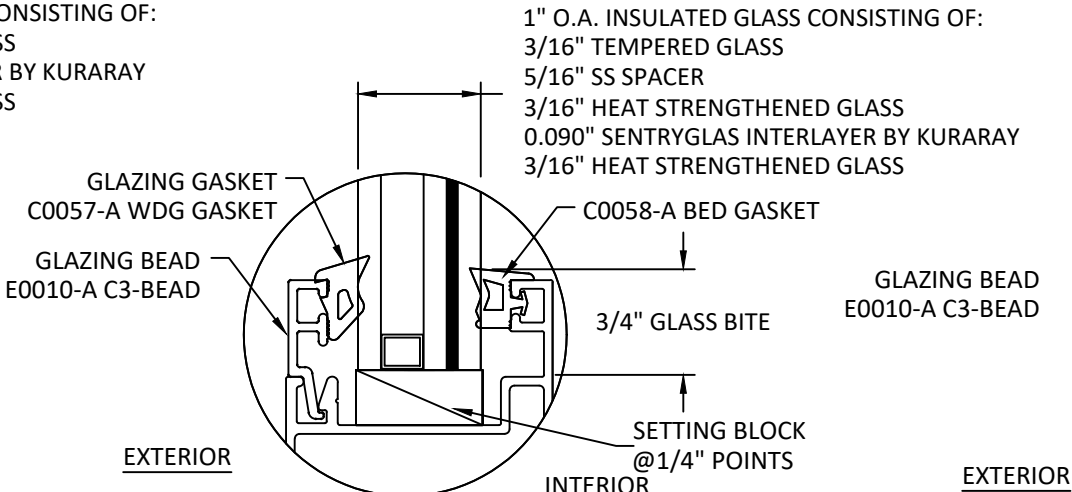
SHEET

1

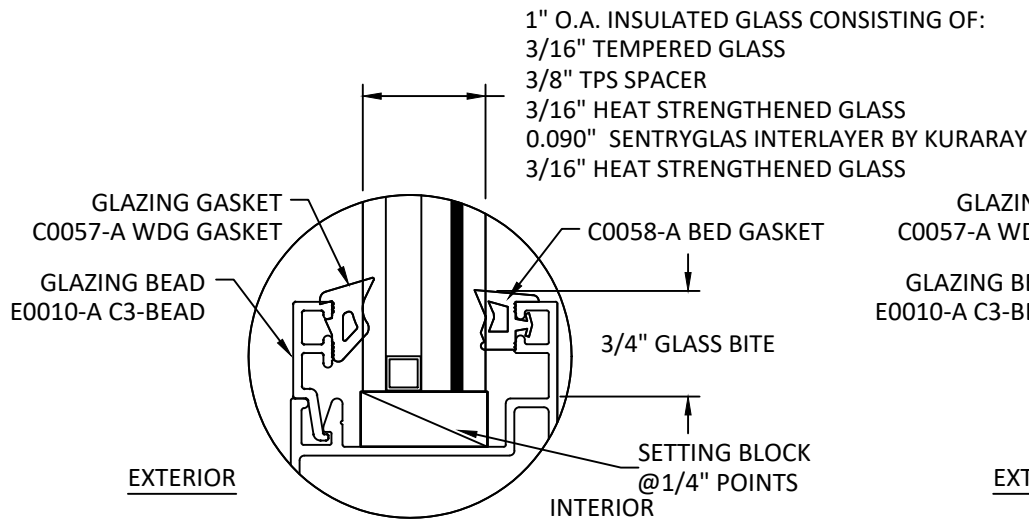
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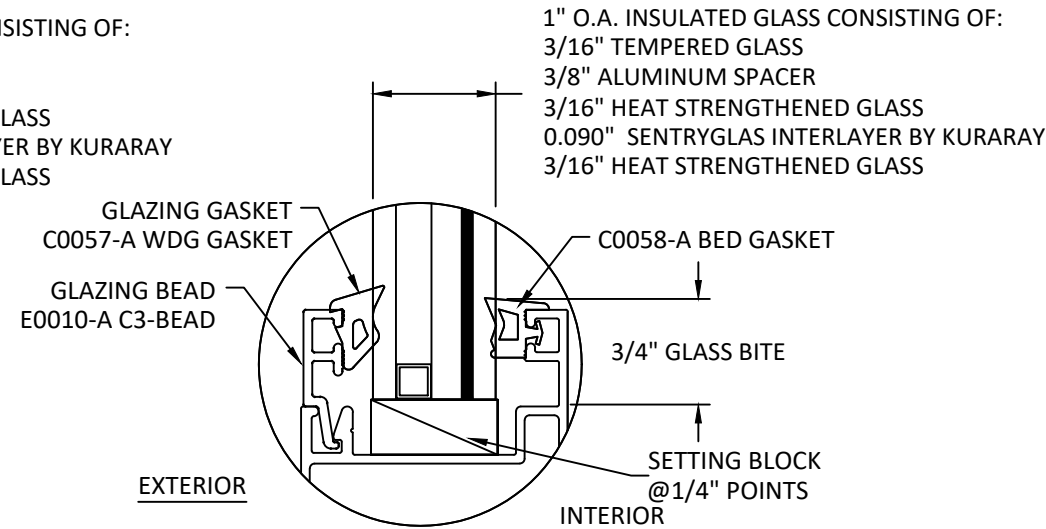
GLAZING DETAIL 1



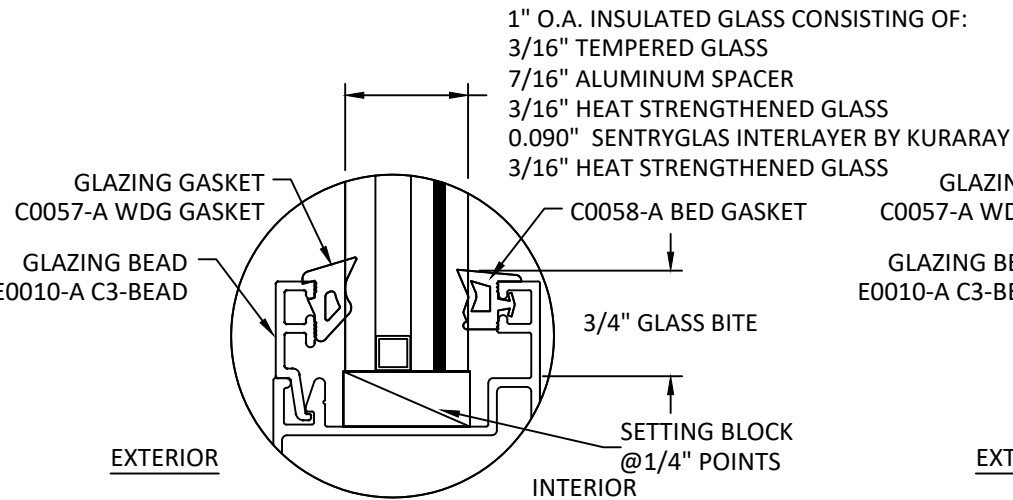
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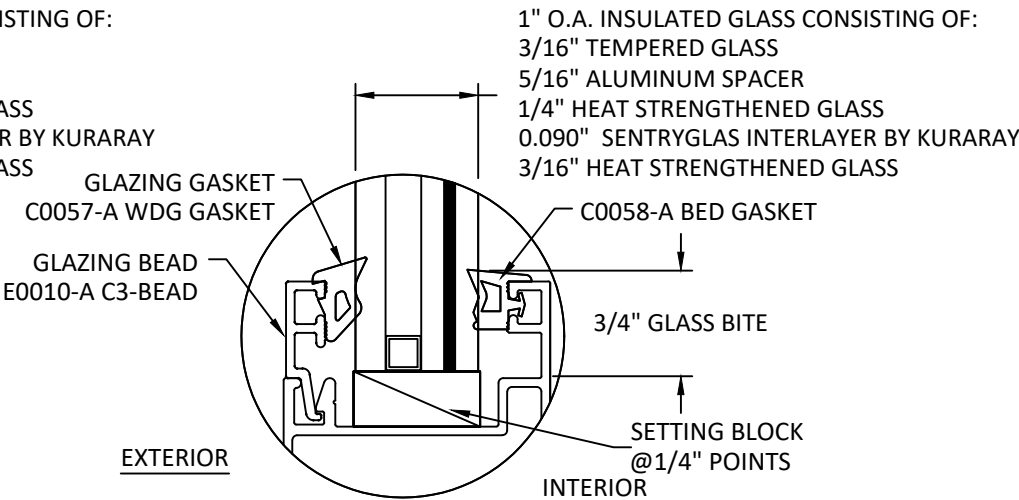
GLAZING DETAIL 3



GLAZING DETAIL 4



GLAZING DETAIL 5



GLAZING DETAIL 6

- GLAZING NOTES:**
1. 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.

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GLAZING DETAILS

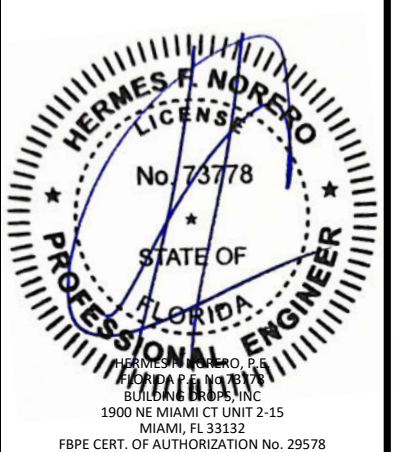
PREPARED BY: BUILDING DROPS, INC.

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DWG. BY:	FB
CHK. BY:	SM
SCALE:	NTS
DWG. #:	EWS036
SHEET	2

TITLE:
EURO C5 FOLDING DOOR SYSTEM
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GLAZING DETAILS CONTINUED

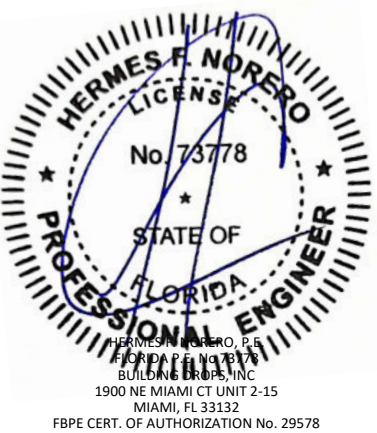
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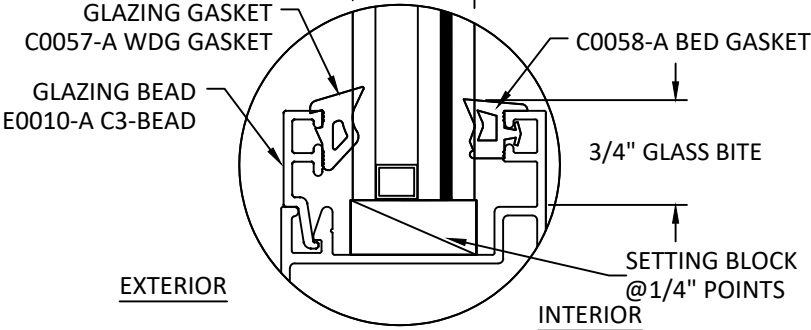
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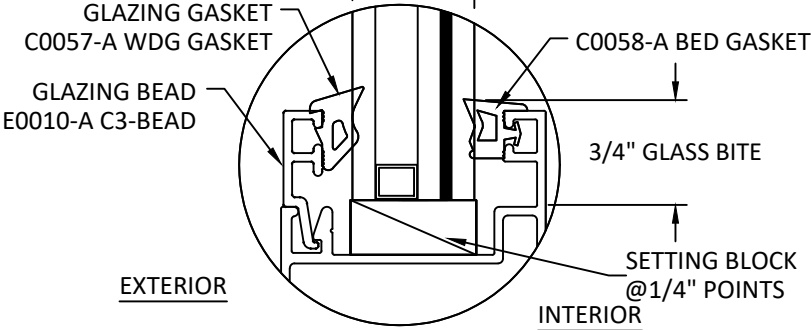
SHEET
3

1" O.A. INSULATED GLASS CONSISTING OF:
3/16" TEMPERED GLASS
5/16" TPS SPACER
1/4" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS INTERLAYER BY KURARAY
3/16" HEAT STRENGTHENED GLASS



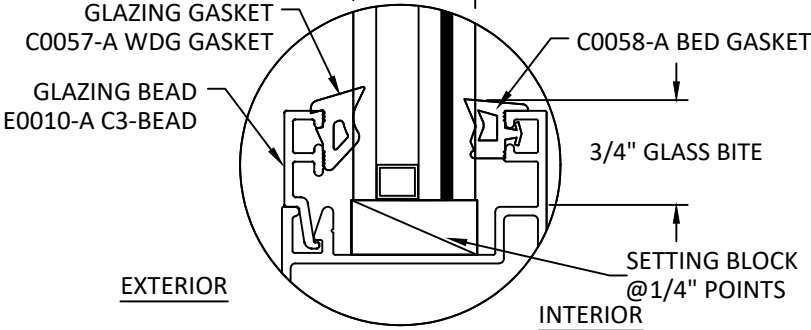
GLAZING DETAIL 7

1" O.A. INSULATED GLASS CONSISTING OF:
1/4" TEMPERED GLASS
5/16" ALUMINUM SPACER
3/16" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS INTERLAYER BY KURARAY
3/16" HEAT STRENGTHENED GLASS



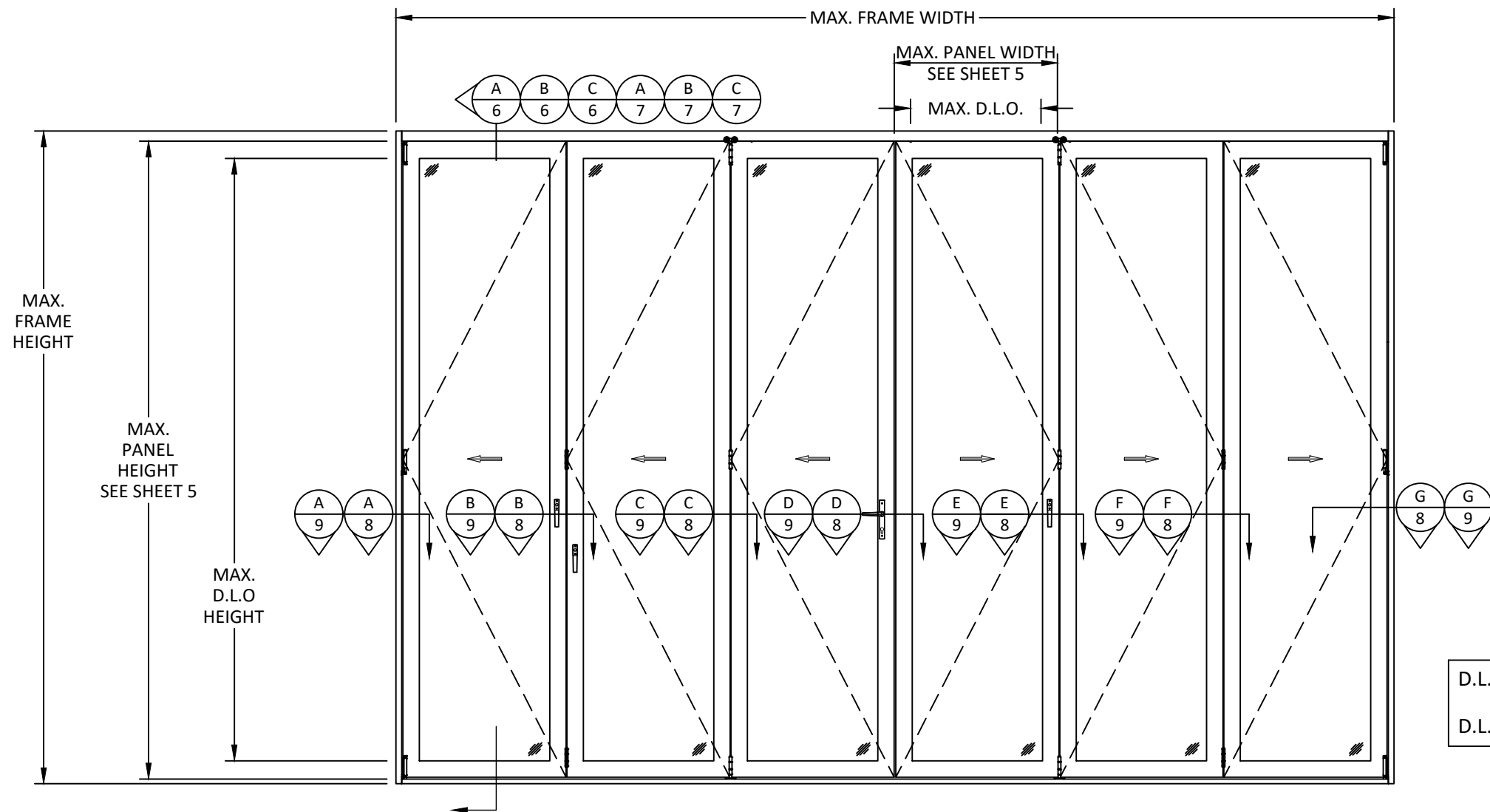
GLAZING DETAIL 8

1" O.A. INSULATED GLASS CONSISTING OF:
1/4" TEMPERED GLASS
5/16" TPS SPACER
3/16" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS INTERLAYER BY KURARAY
3/16" HEAT STRENGTHENED GLASS



GLAZING DETAIL 9

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 - D.L.O AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN ELEVATIONS.



ELEVATION
INSWING/OUTSWING UNIT

NOTE:
PANELS SHOWN ARE BASED ON TESTING, OTHER APPROVED CONFIGURATIONS ARE AS FOLLOWS:
1 PANEL - 1L, 1R
2 PANEL - 2L, 2R, 1L 1R
3 PANEL - 3L, 3R, 2L 1R, 1L 2R
4 PANEL - 4L, 4R, 3L 1R, 1L 3R, 2L 2R
5 PANEL - 5L, 5R, 4L 1R, 1L 4R, 3L 2R, 2L 3R
6 PANEL - 6L, 6R, 5L 1R, 1L 5R 4L 2R, 2L 4R, 3L 3R
7 PANEL - 7L, 7R, 6L 1R, 1L 6R, 5L 2R, 2L 5R, 4L 3R, 3L 4R
8 PANEL - 8L, 8R, 7L 1R, 1L 7R, 6L 2R, 2L 6R, 5L 3R, 3L 5R, 4L 4R
9 PANEL - 9L, 9R, 8L 1R, 1L 8R, 7L 2R, 2L 7R, 6L 3R, 3L 6R, 5L 4R, 4L 5R

FOR ALL CONFIGURATIONS ABOVE, OVERALL FRAME AREA SHALL NOT EXCEED 334 FT² (1.5 X TESTED FRAME AREA).

OUTSWING DOOR WATER TEST PRESSURE		
PANEL SIZE	GLASS TYPE	PRESSURE (PSF)
X ≤ 36" X 144"	G1 - G9	7.50

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ELEVATIONS

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

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HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
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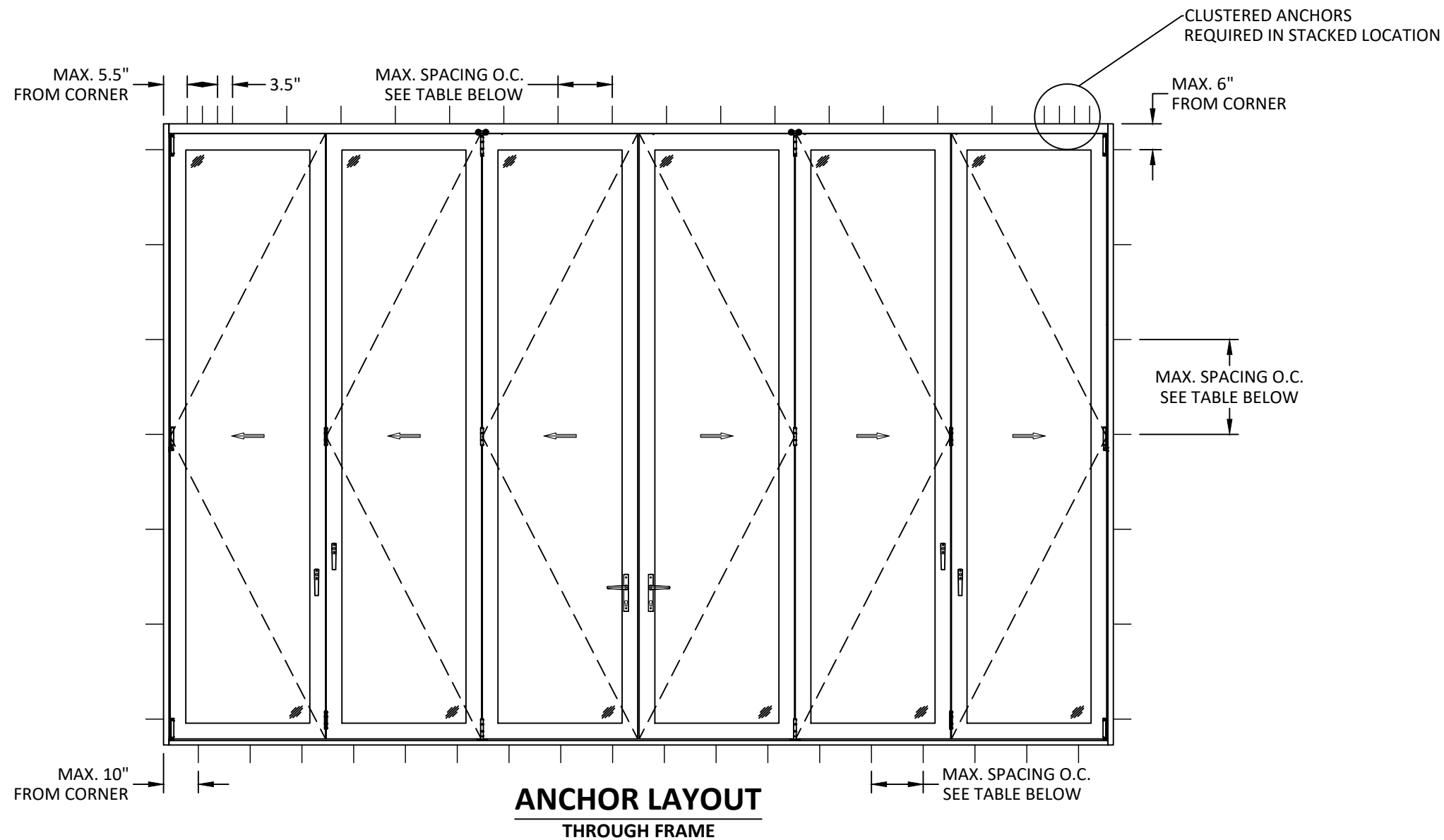
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FB

CHK. BY:
SM

SCALE:
NTS

DWG. #:
EWS036

SHEET



SUBSTRATE	ANCHOR TYPE	MAX. SPACING O.C. AT HEAD	MAX. SPACING O.C. AT SILL	MAX. SPACING O.C. AT JAMB
WOOD: MIN. S.G. = 0.55	#14 WOOD SCREW	12"	11.125"	24"
METAL: STEEL MIN. 18 GAUGE (MIN. Fy = 36 ksi) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	1/4" TEK SCREW	12"	12"	24"
CONCRETE: MIN. f'c = 3000 psi	1/4" ITW TAPCON	12"	12"	24"
MASONRY: CMU PER ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	9"	7.625"	24"

DESIGN PRESSURE TABLE (+/- PSF)										
NOMINAL PANEL HEIGHT (INCHES)	NOMINAL PANEL WIDTH (INCHES)									
		36	39	42	45	48	54	60	66	72
	72	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	78	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-
	84	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-
	90	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-
	96	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-
	102	50.0	50.0	50.0	50.0	50.0	-	-	-	-
	108	50.0	50.0	50.0	50.0	50.0	-	-	-	-
	114	50.0	50.0	50.0	50.0	-	-	-	-	-
	120	50.0	50.0	50.0	-	-	-	-	-	-
	126	50.0	50.0	-	-	-	-	-	-	-
	132	50.0	50.0	-	-	-	-	-	-	-
	138	50.0	-	-	-	-	-	-	-	-
	144	50.0	-	-	-	-	-	-	-	-

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SHEET	5

TITLE:
EURO C5 FOLDING DOOR SYSTEM
(HVHZ) (IMPACT)

OUTSWING VERTICAL SECTIONS

PREPARED BY:

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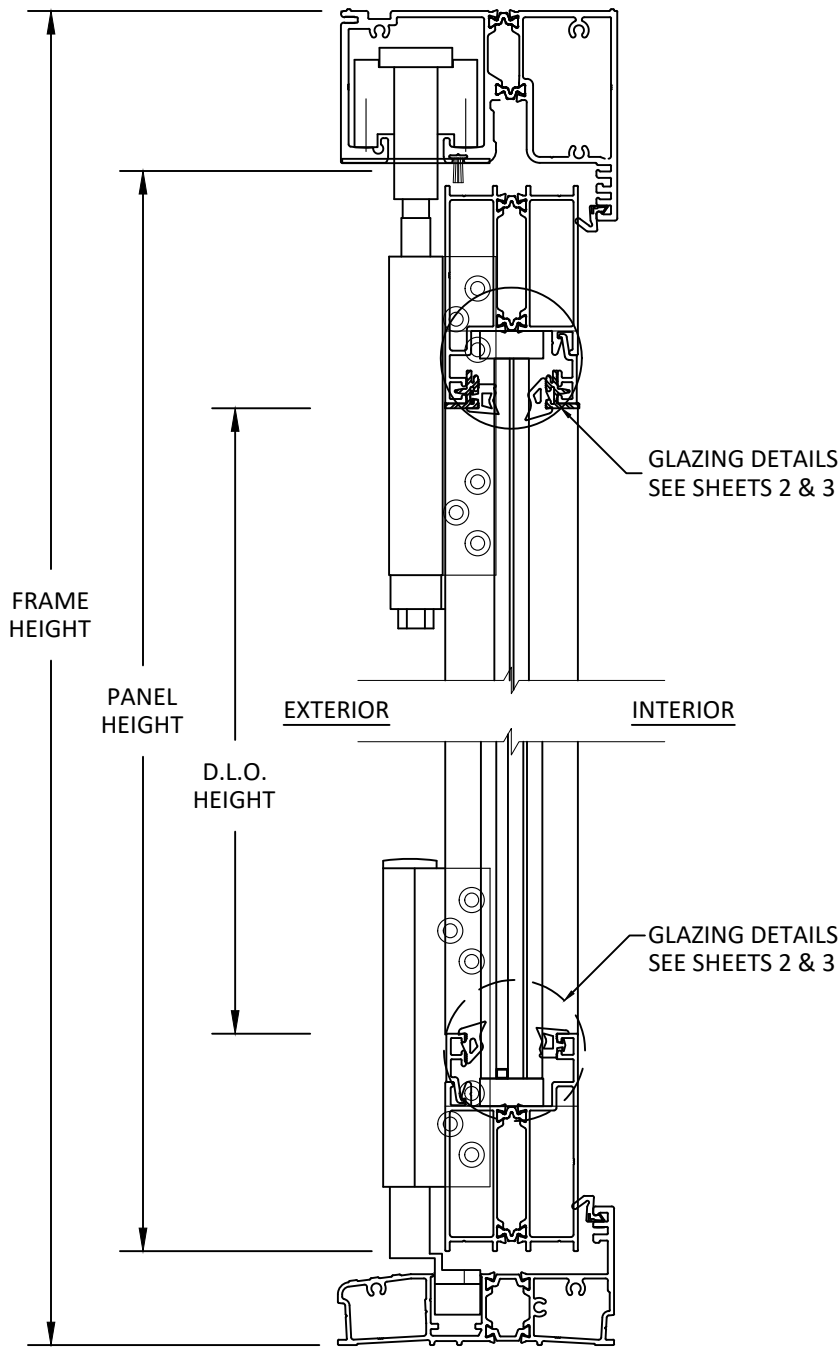
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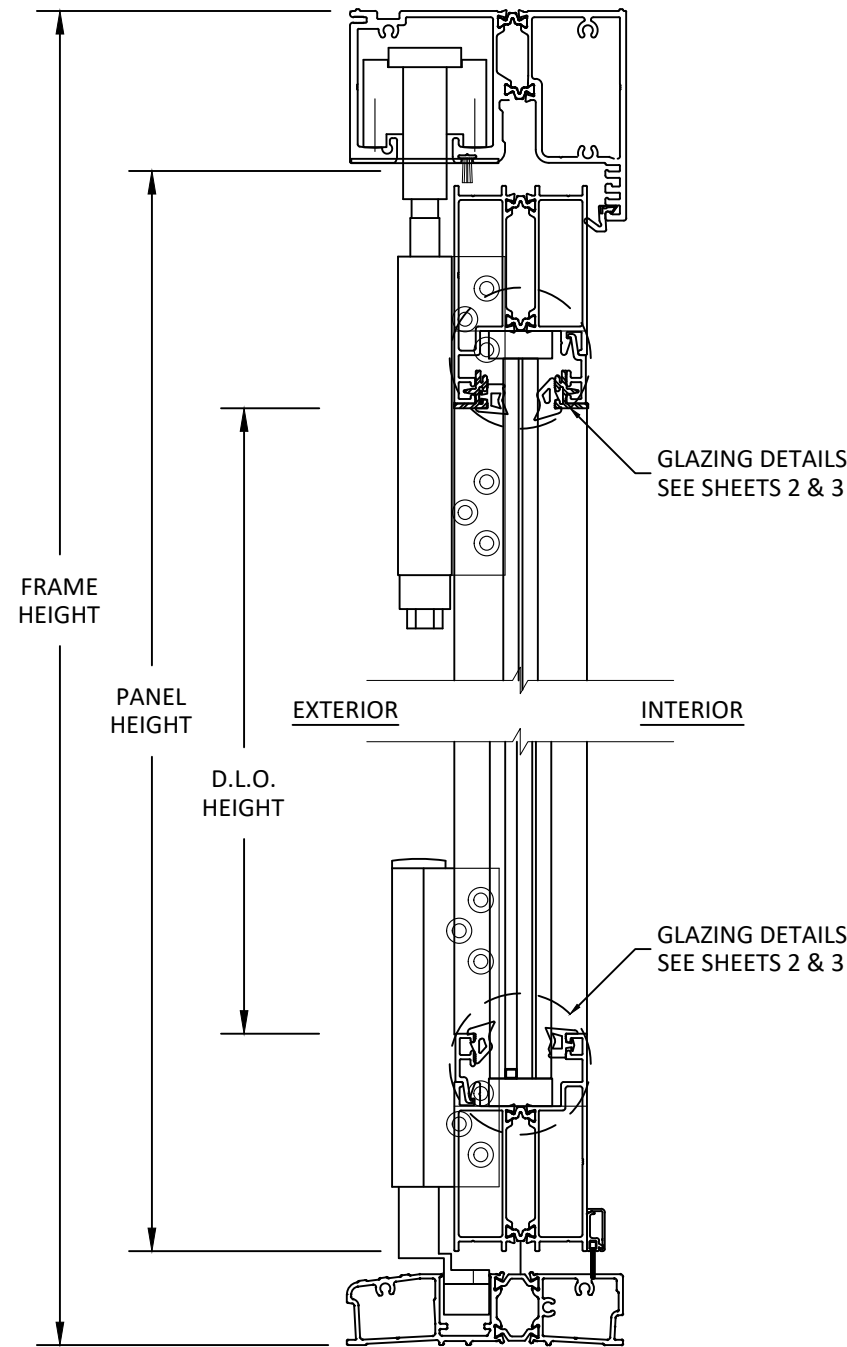
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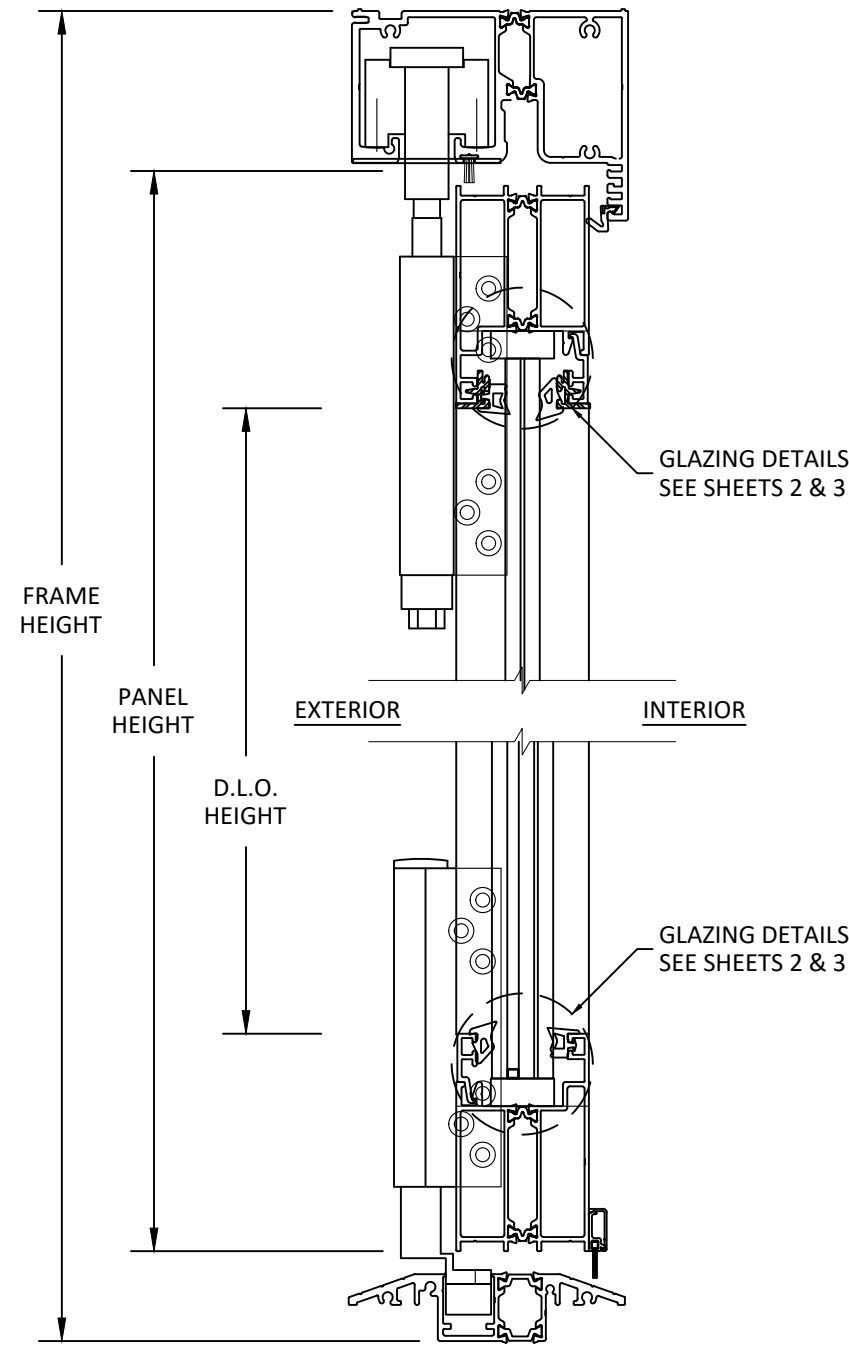
6



A
6 **VERTICAL SECTION**
STANDARD SILL - WATER RATED
OUTSWING DOOR



B
6 **VERTICAL SECTION**
MODIFIED STANDARD SILL - NOT RATED FOR WATER
OUTSWING DOOR



C
6 **VERTICAL SECTION**
ADA SILL - NOT RATED FOR WATER
OUTSWING DOOR

TITLE:
EURO C5 FOLDING DOOR SYSTEM
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INSWING VERTICAL SECTIONS

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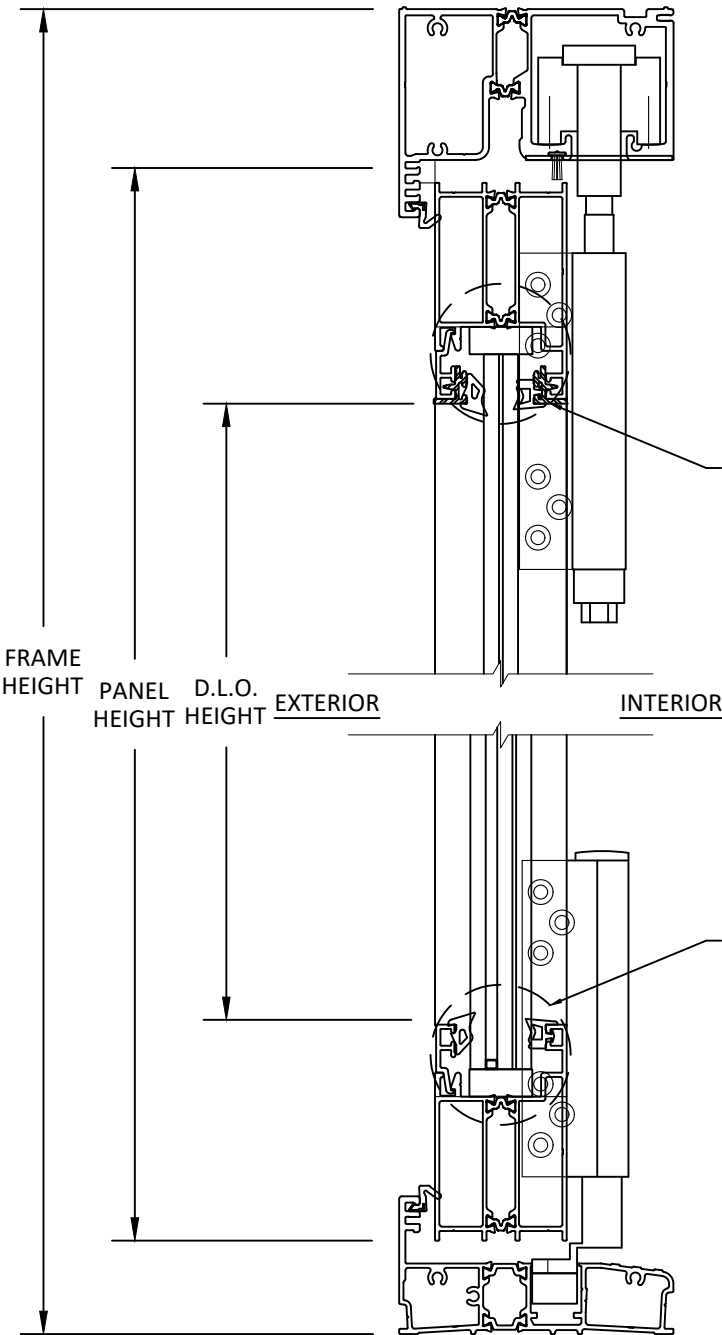


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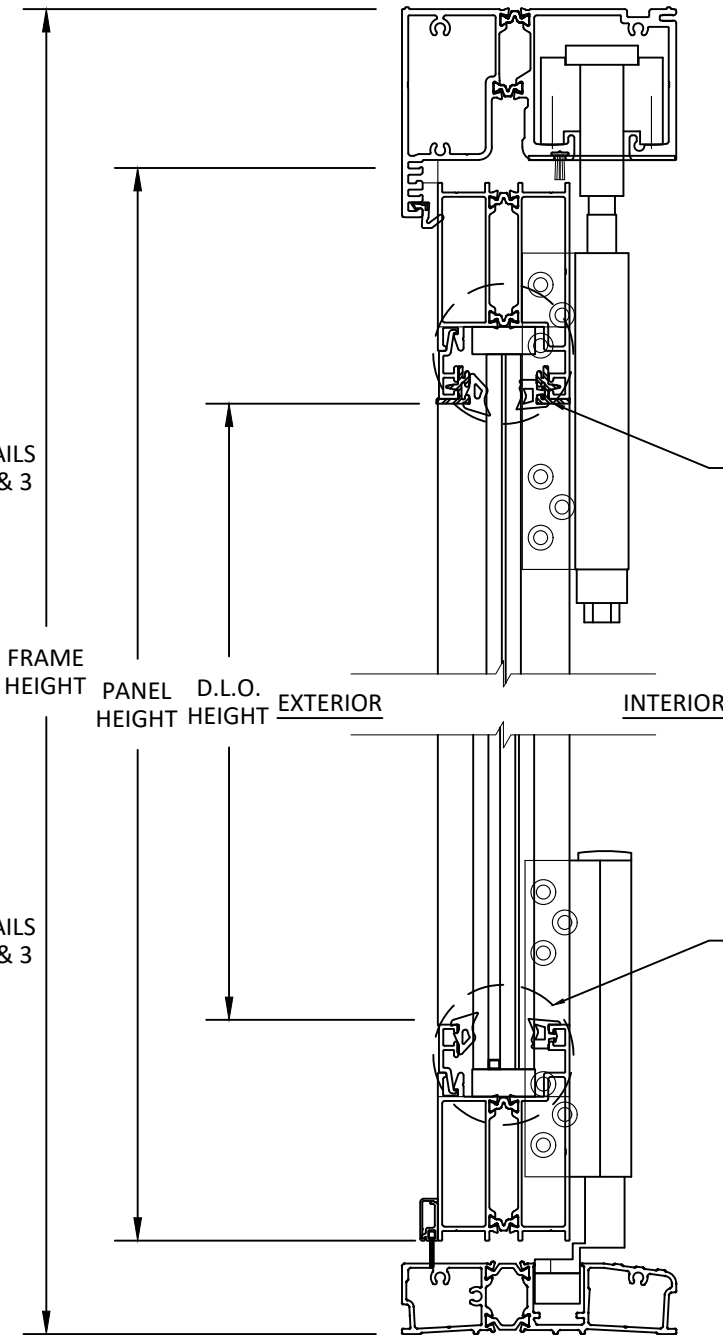
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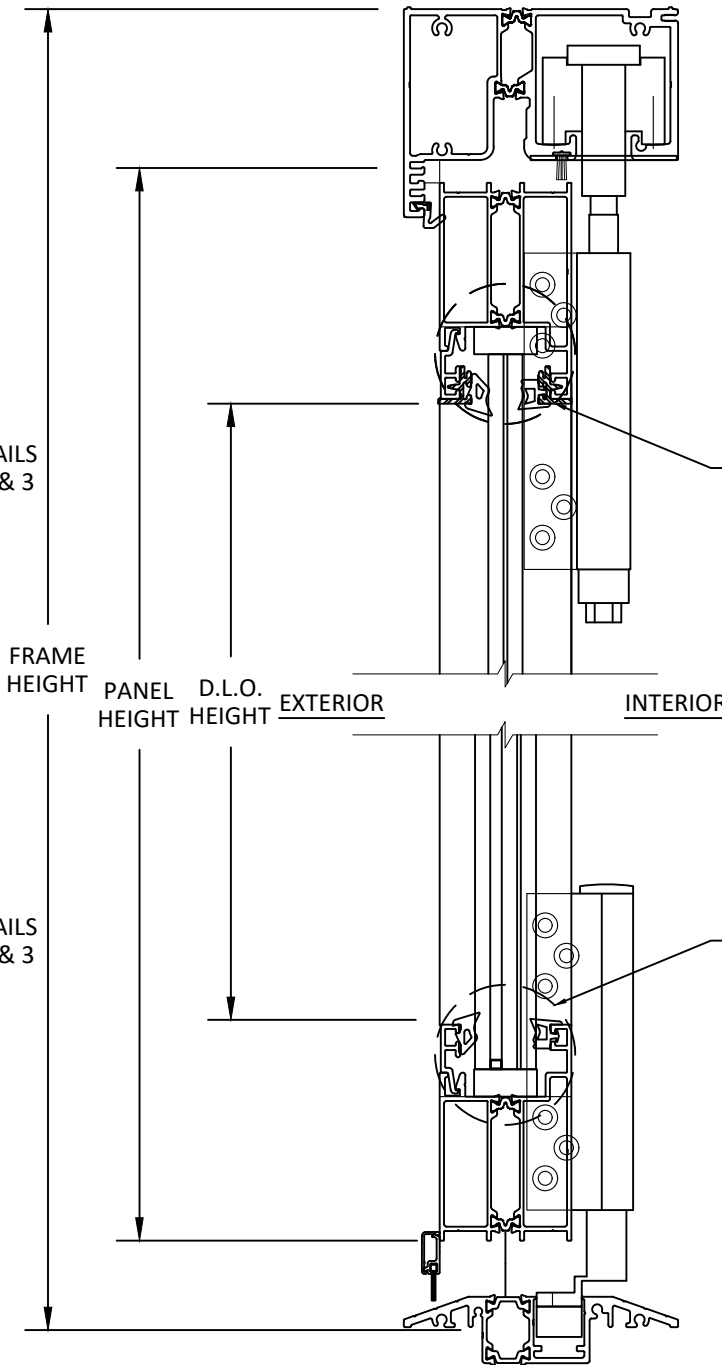
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SHEET	7



A
7 VERTICAL SECTION
STANDARD SILL - NOT RATED FOR WATER
INSWING DOOR



B
7 VERTICAL SECTION
MODIFIED STANDARD SILL - NOT RATED FOR WATER
INSWING DOOR



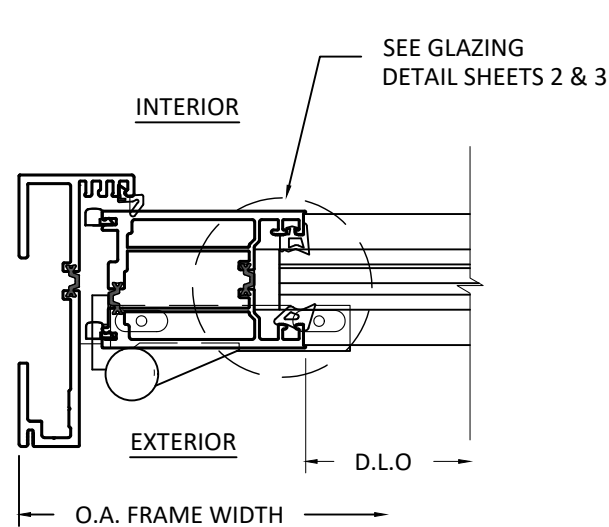
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7 VERTICAL SECTION
ADA SILL - NOT RATED FOR WATER
INSWING DOOR

REMARKS	BY	DATE

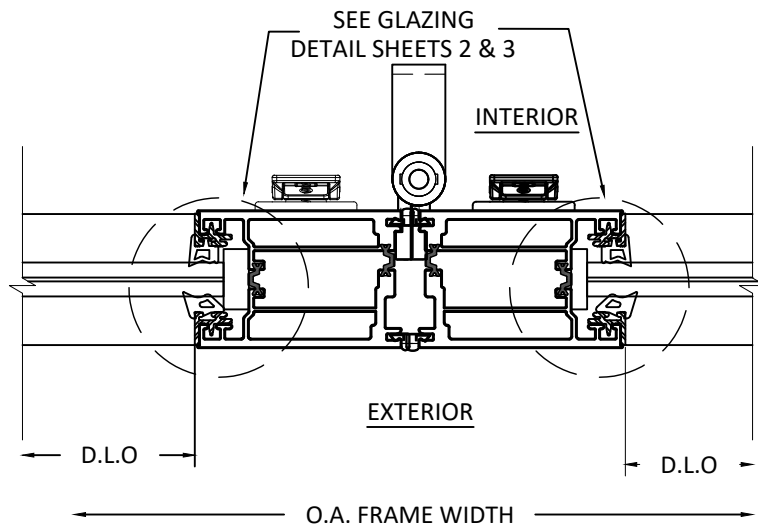
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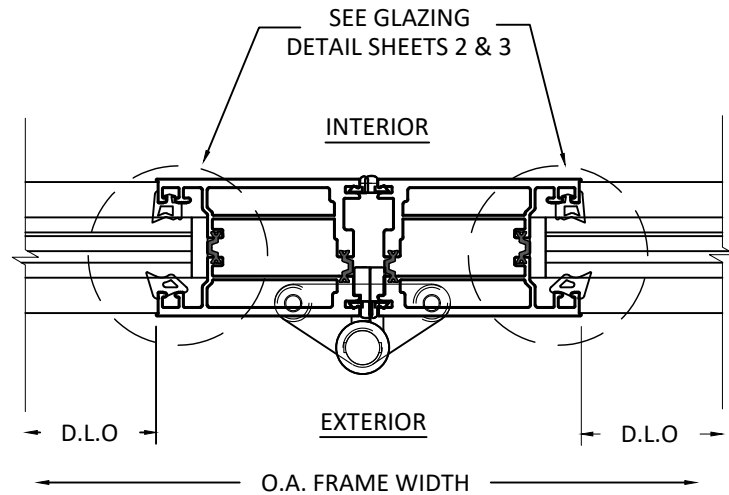
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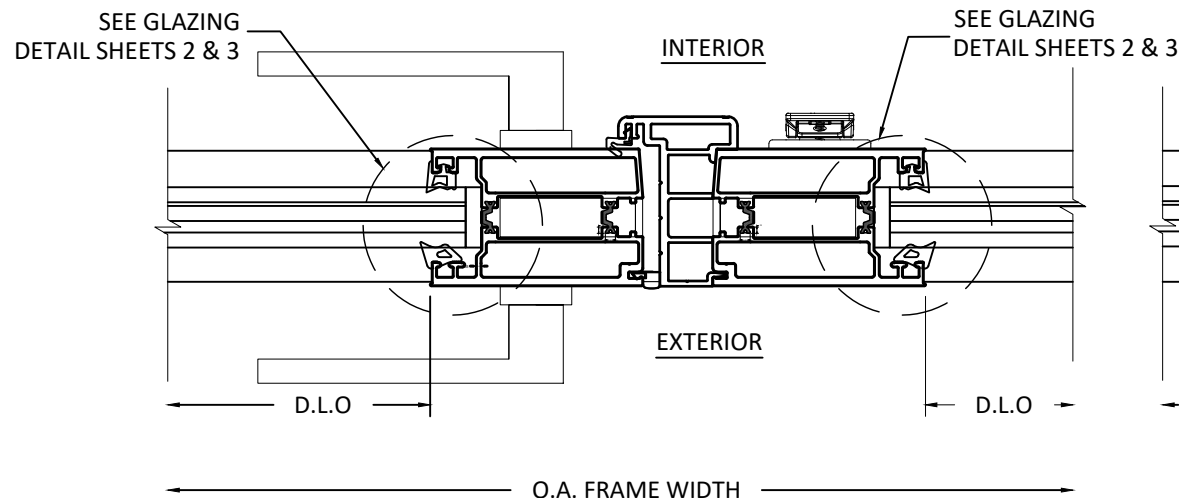
A/8 HORIZONTAL SECTION
JAMB DETAIL/ OUTSWING



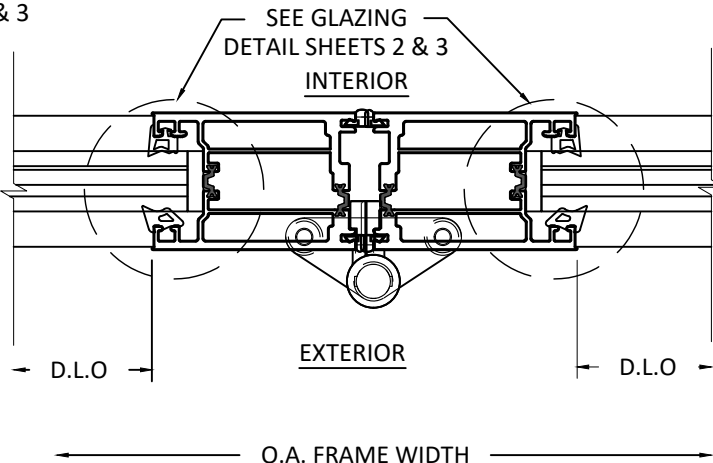
B/8 HORIZONTAL SECTION
PANEL TO PANEL DETAIL/ OUTSWING



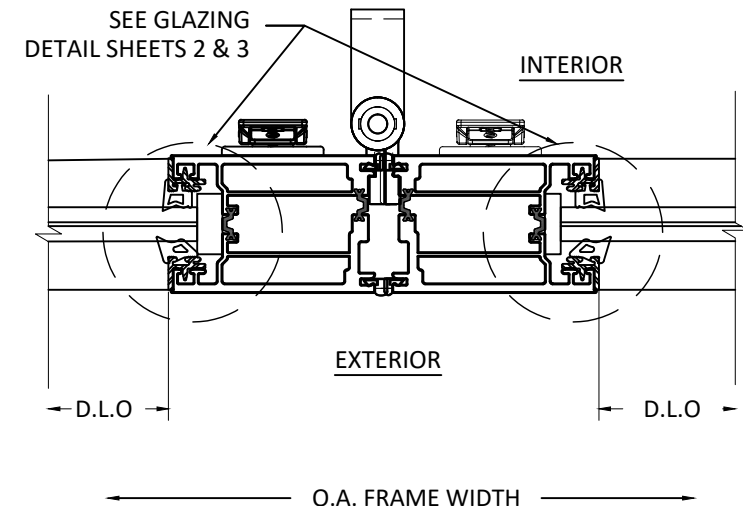
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PANEL TO PANEL DETAIL/OUTSWING



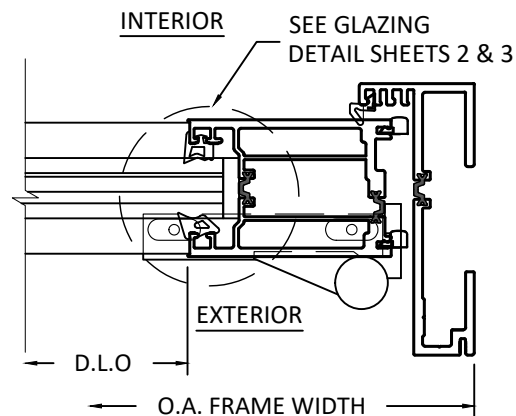
D/8 HORIZONTAL SECTION
DOOR HANDLE DETAIL/ OUTSWING



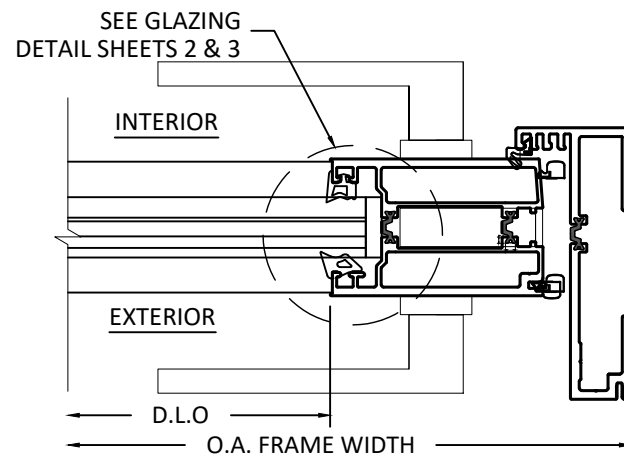
E/8 HORIZONTAL SECTION
PANEL TO PANEL DETAIL/ OUTSWING



F/8 HORIZONTAL SECTION
PANEL TO PANEL DETAIL/ OUTSWING

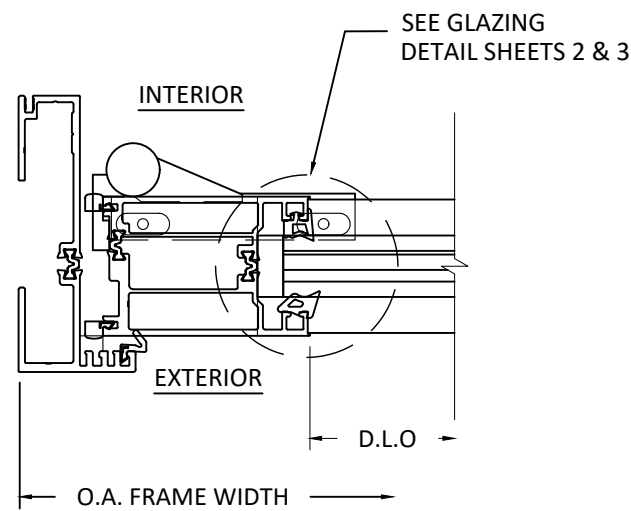


G/8 HORIZONTAL SECTION
JAMB DETAIL/ OUTSWING

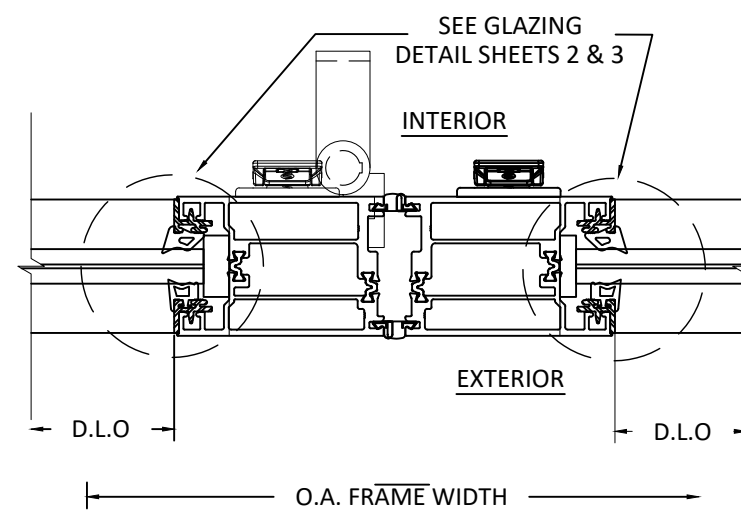


G/8 HORIZONTAL SECTION
JAMB DETAIL WITH HANDLE/ OUTSWING

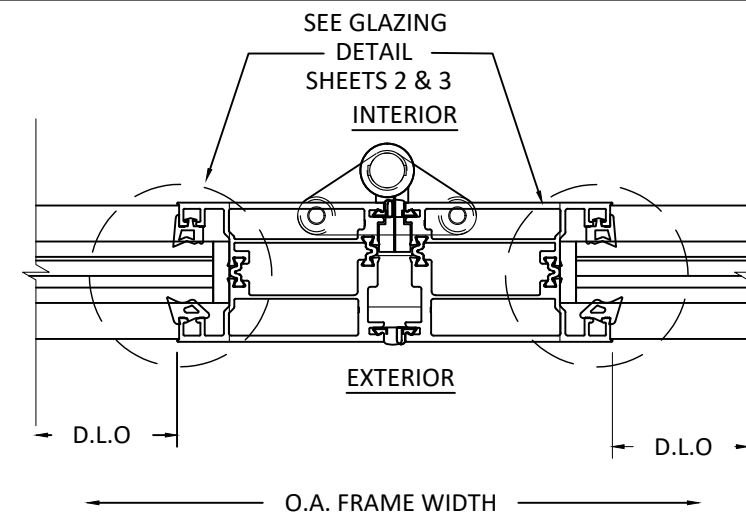
NOTE:
1. DETAIL G/8 IS APPLICABLE FOR CONFIGURATIONS LISTED ON SHEET 4 WHERE FREE PANELS LOCK TO THE JAMB.



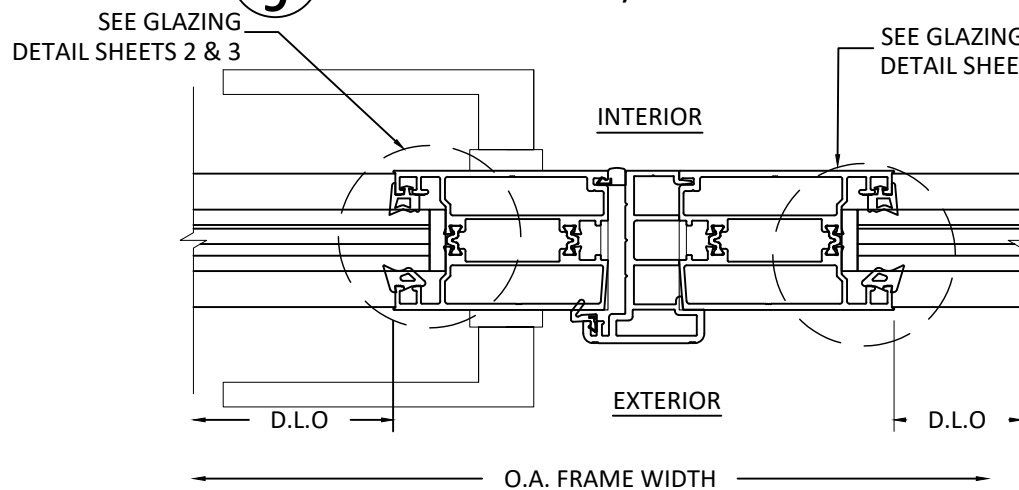
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9 **HORIZONTAL SECTION**
JAMB DETAIL/INSWING



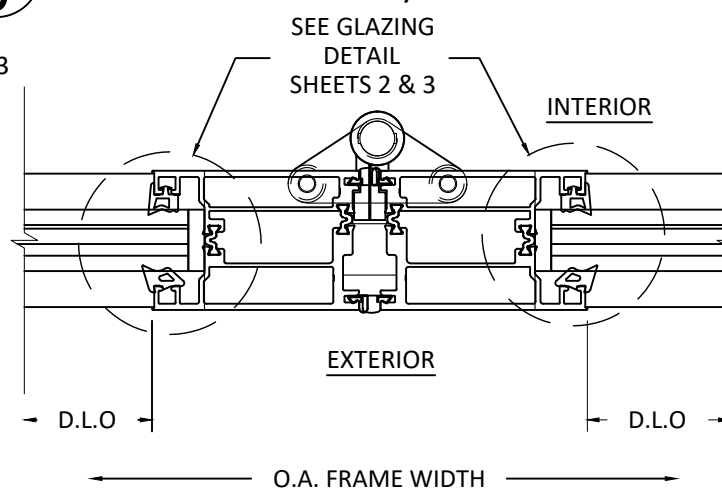
B
9 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/INSWING



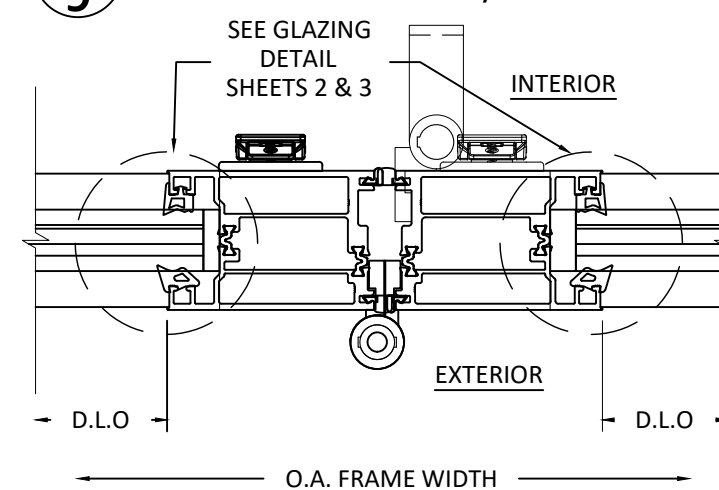
C
9 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ INSWING



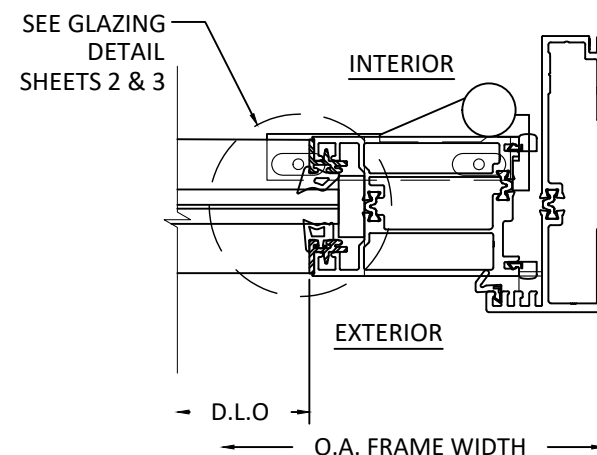
D
9 **HORIZONTAL SECTION**
DOOR HANDLE DETAIL/ INSWING



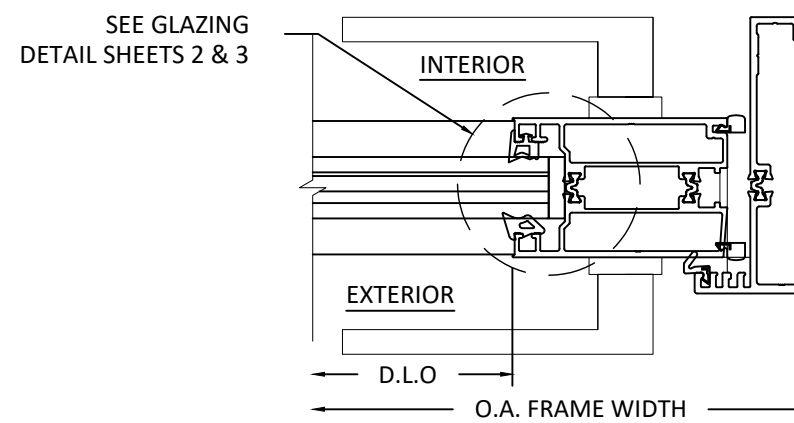
E
9 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ INSWING



F
9 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ INSWING



G
9 **HORIZONTAL SECTION**
JAMB DETAIL/ INSWING



G
9 **HORIZONTAL SECTION**
JAMB DETAIL WITH HANDLE/ INSWING

NOTE:
1. DETAIL G/9 IS APPLICABLE FOR CONFIGURATIONS LISTED ON SHEET 4 WHERE FREE PANELS LOCK TO THE JAMB.

euro-wall
SUPERIOR BY DESIGN

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

TITLE:
EURO C5 FOLDING DOOR SYSTEM
(HVHZ) (IMPACT)

INSWING HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.

1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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.



FL #:
FL27023

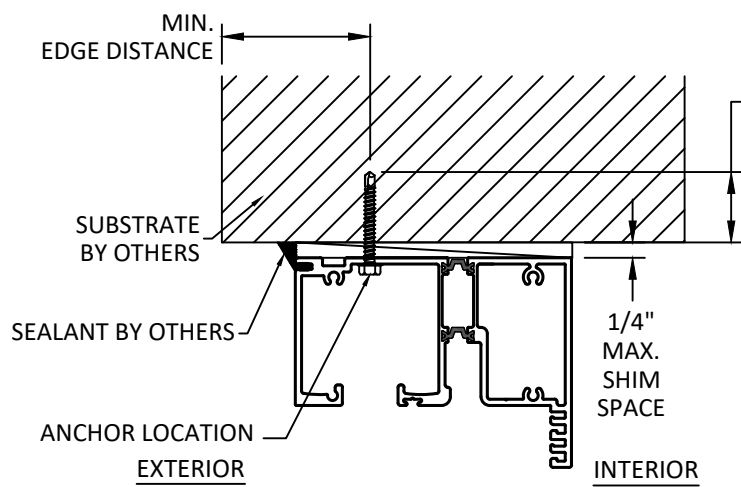
DATE: **12.07.23**

DWG. BY: **FB** CHK. BY: **SM**

SCALE: **NTS**

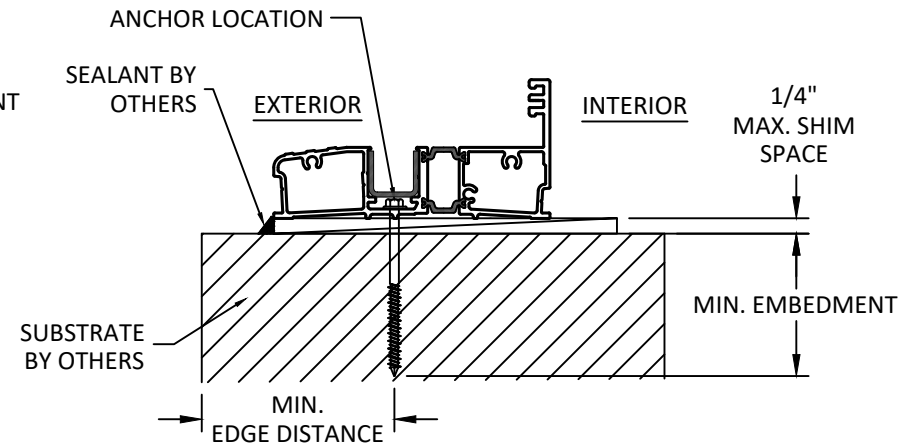
DWG. #: **EWS036**

SHEET
9

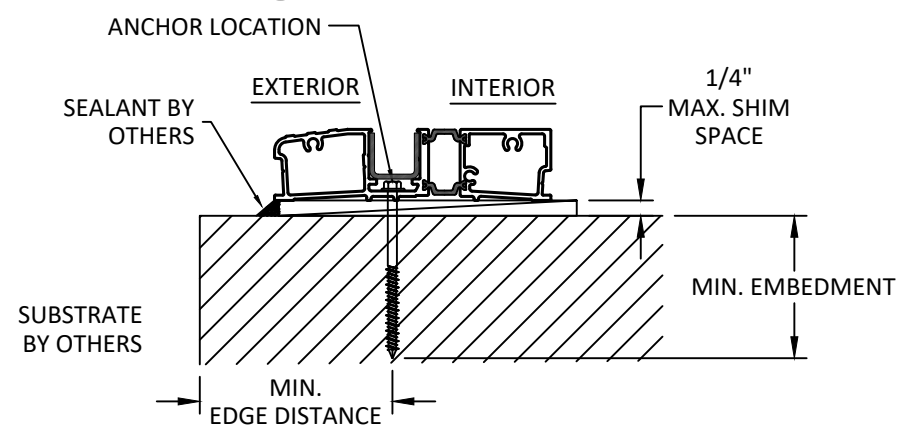


A
10 **ANCHOR DETAIL**
HEAD - THROUGH FRAME

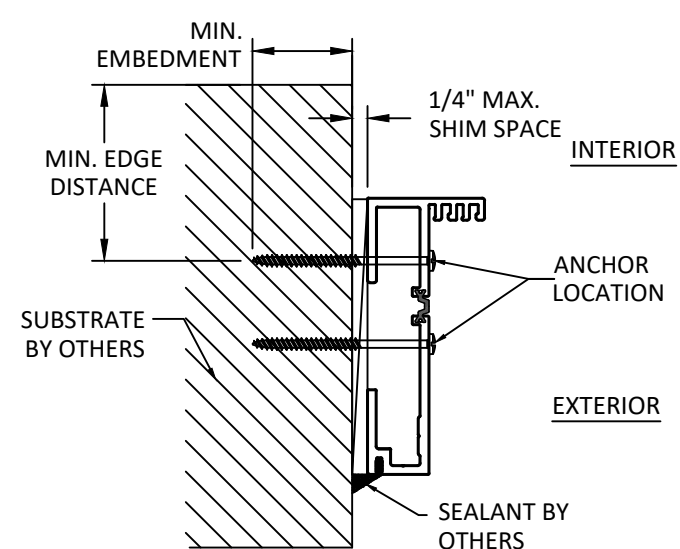
NOTE:
1. OUTSWING DETAILS SHOWN, INSWING
SIMILAR.



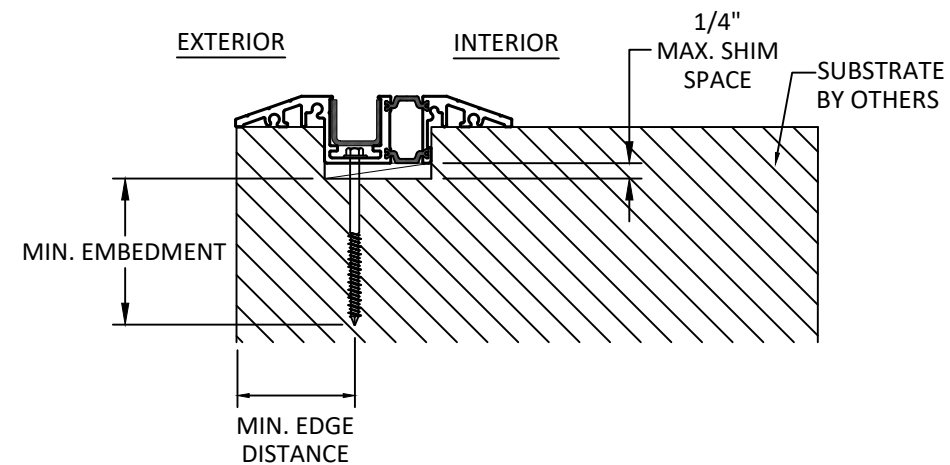
B
10 **ANCHOR DETAIL**
STANDARD SILL - THROUGH FRAME



D
10 **ANCHOR DETAIL**
MODIFIED SILL - THROUGH FRAME



C
10 **ANCHOR DETAIL**
JAMBS - THROUGH FRAME



E
10 **ANCHOR DETAIL**
ADA SILL - THROUGH FRAME

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.
- 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 $\pm 1/2$ 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.
- 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 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
THROUGH FRAME	WOOD: MIN. S.G. = 0.55	#14 WOOD SCREW	1.5"	0.75"
	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	1.75"	2.5"
	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.75"	3"

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DWG. BY: **FB** CHK. BY: **SM**

SCALE: **NTS**

DWG. #: **EWS036**

SHEET
10