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EURO-WALL SYSTEMS

EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM

(HVHZ) (IMPACT)

GENERAL NOTES:

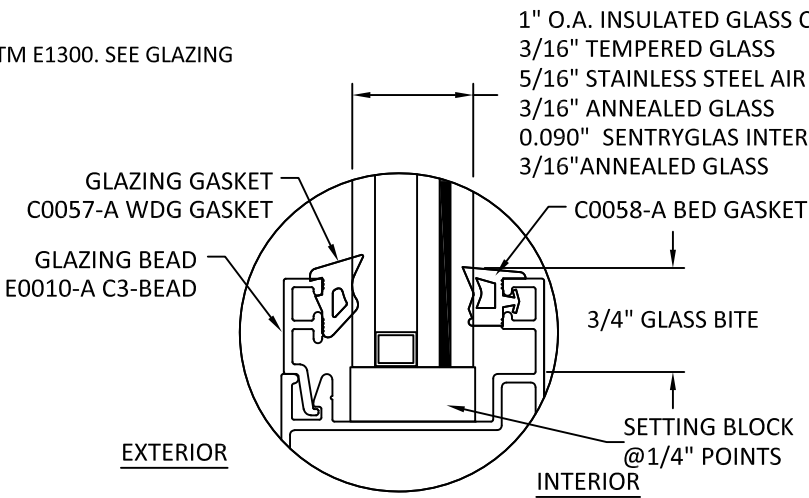
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM C864-05
 - ASTM E1886-13a
 - ASTM E1996-17
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- FRAME MATERIAL: *ALUMINUM 6063-T5*.
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEETS 1 & 2.

GLAZING NOTES:

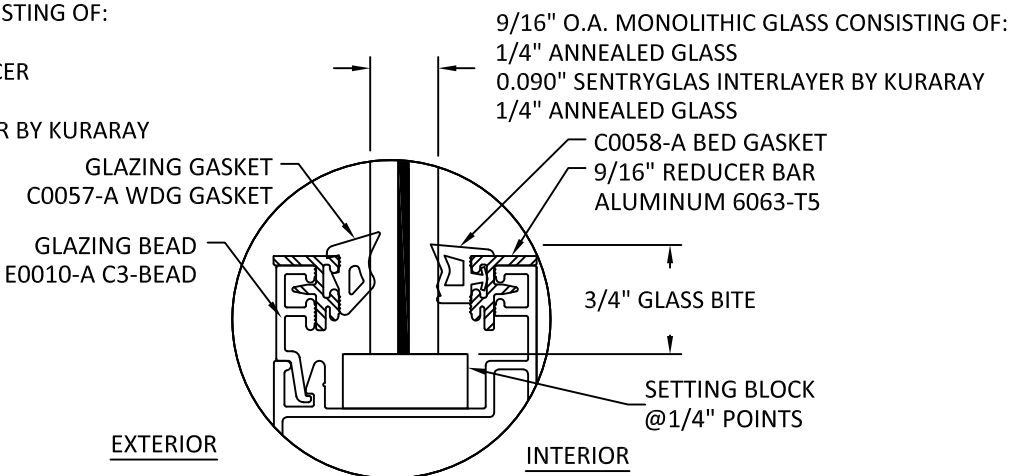
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER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

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2	GLAZING DETAILS
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5	VERTICAL SECTIONS
6	VERTICAL SECTIONS
7	HORIZONTAL SECTIONS
8	ANCHOR DETAILS

FRAME SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEET 3 & 4	SEE SHEET 4	LARGE & SMALL MISSILE IMPACT



GLAZING DETAIL 1



GLAZING DETAIL 2



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24100 TISEO BOULEVARD
POR CHARLOTTE, FL 33980
PH: (888) 989-3876

TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM (HVHZ) (IMPACT)

GENERAL NOTES AND GLAZING DETAILS

PREPARED BY:

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REMARKS	BY	DATE
ADD 12' HEIGHT DOOR	MS	06/21

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CHK. BY:

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SCALE:

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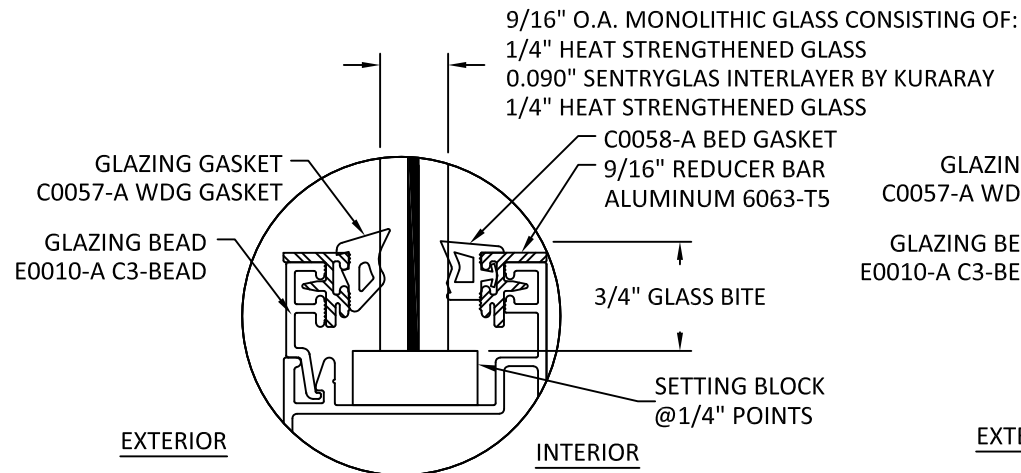
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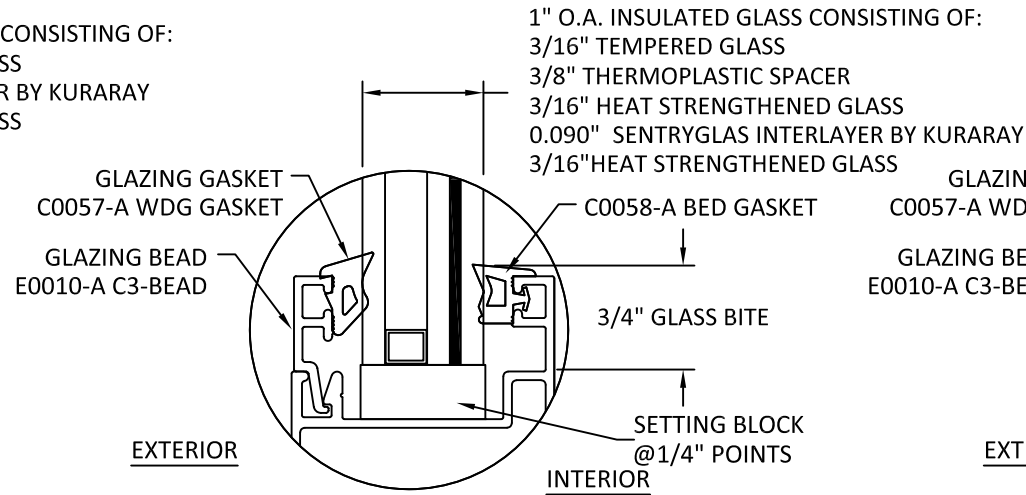
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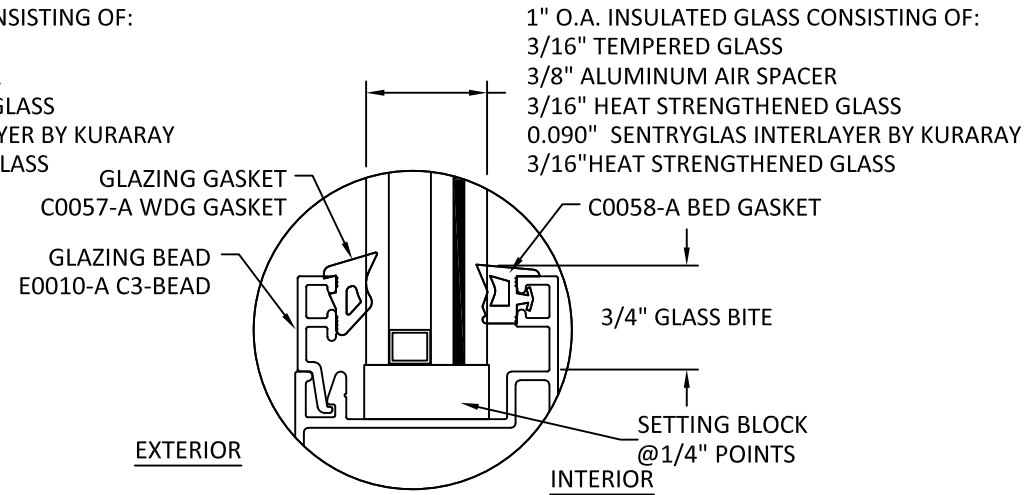
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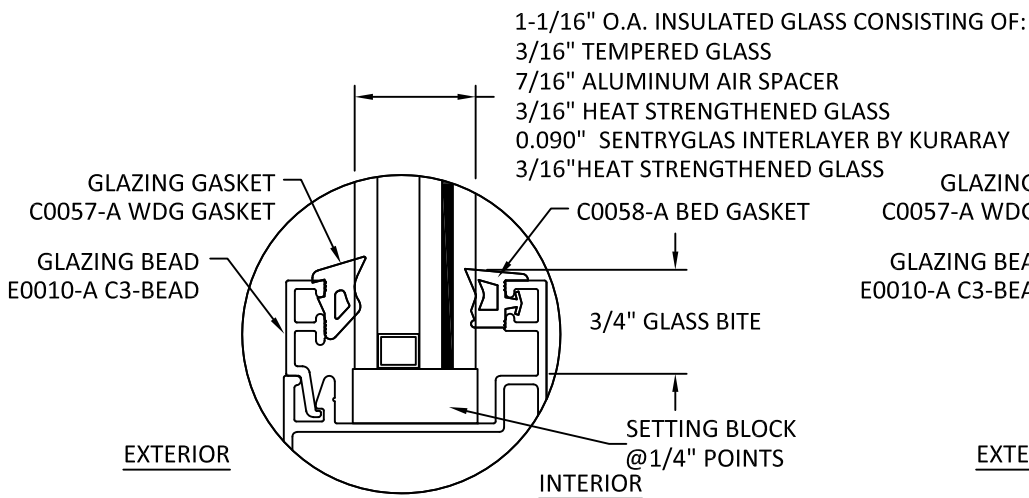
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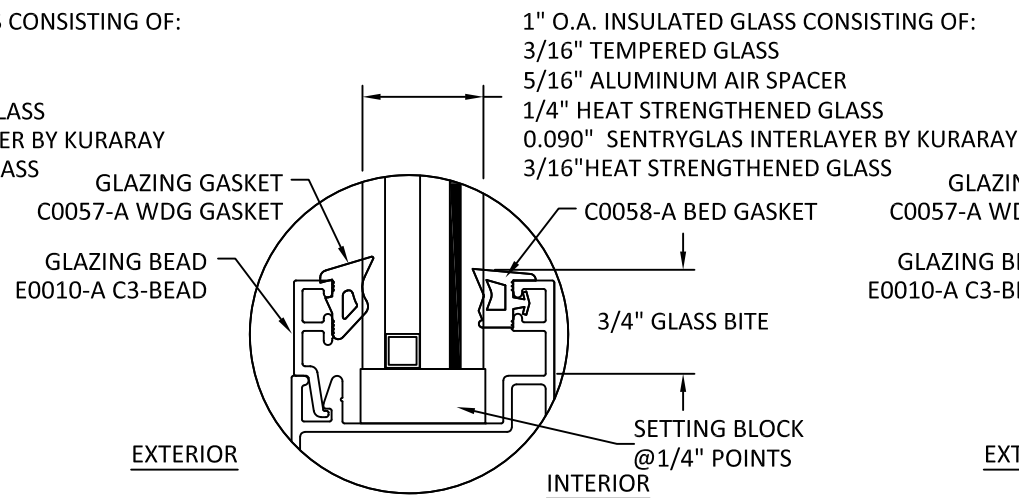
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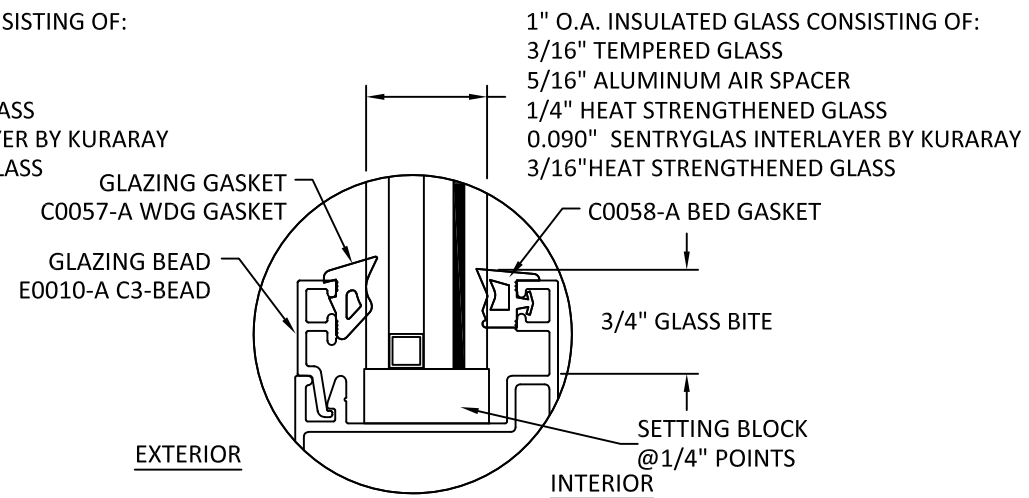
GLAZING DETAIL 5



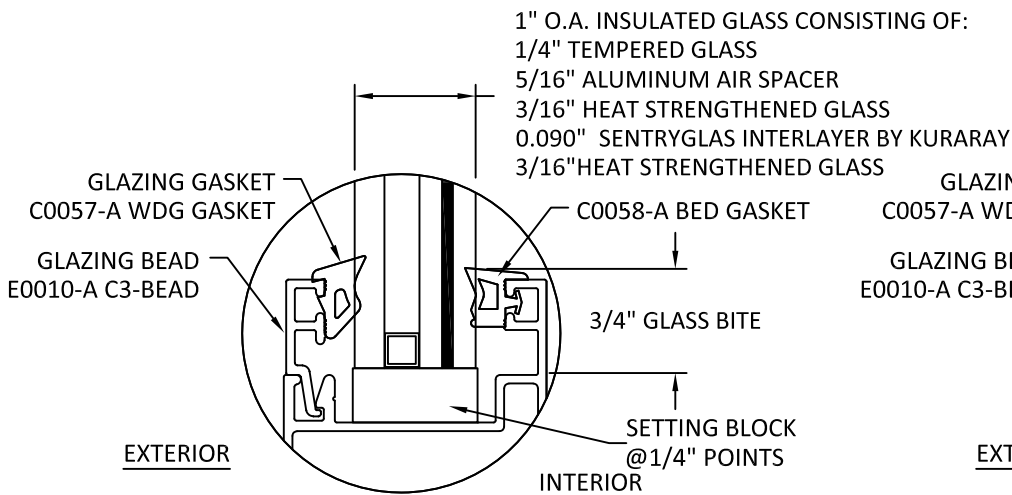
GLAZING DETAIL 6



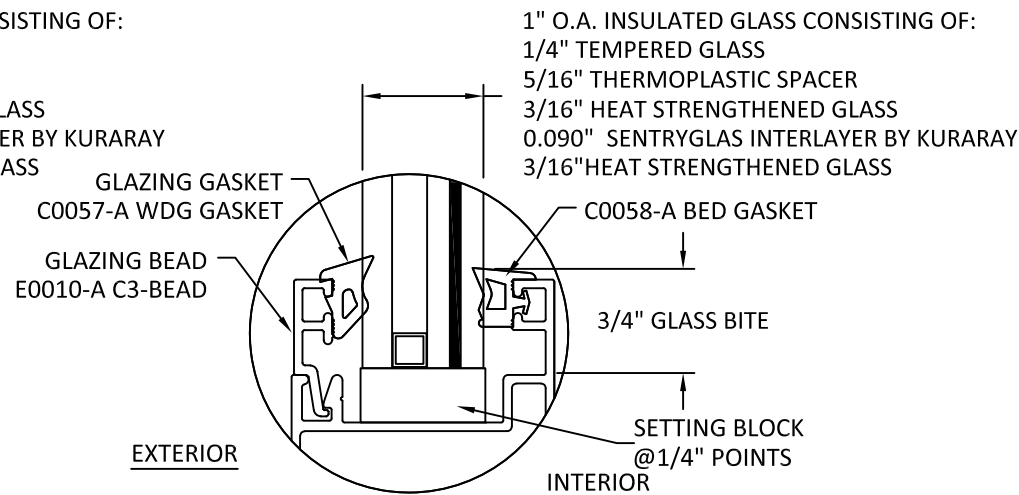
GLAZING DETAIL 7



GLAZING DETAIL 8



GLAZING DETAIL 9



GLAZING DETAIL 10

- GLAZING NOTES:
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 2. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
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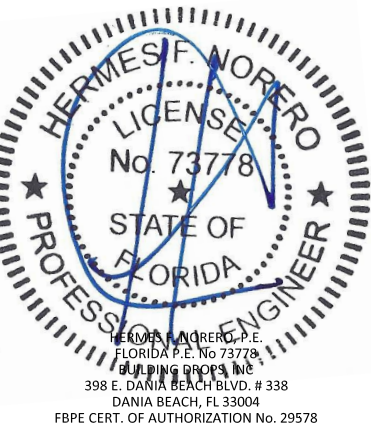
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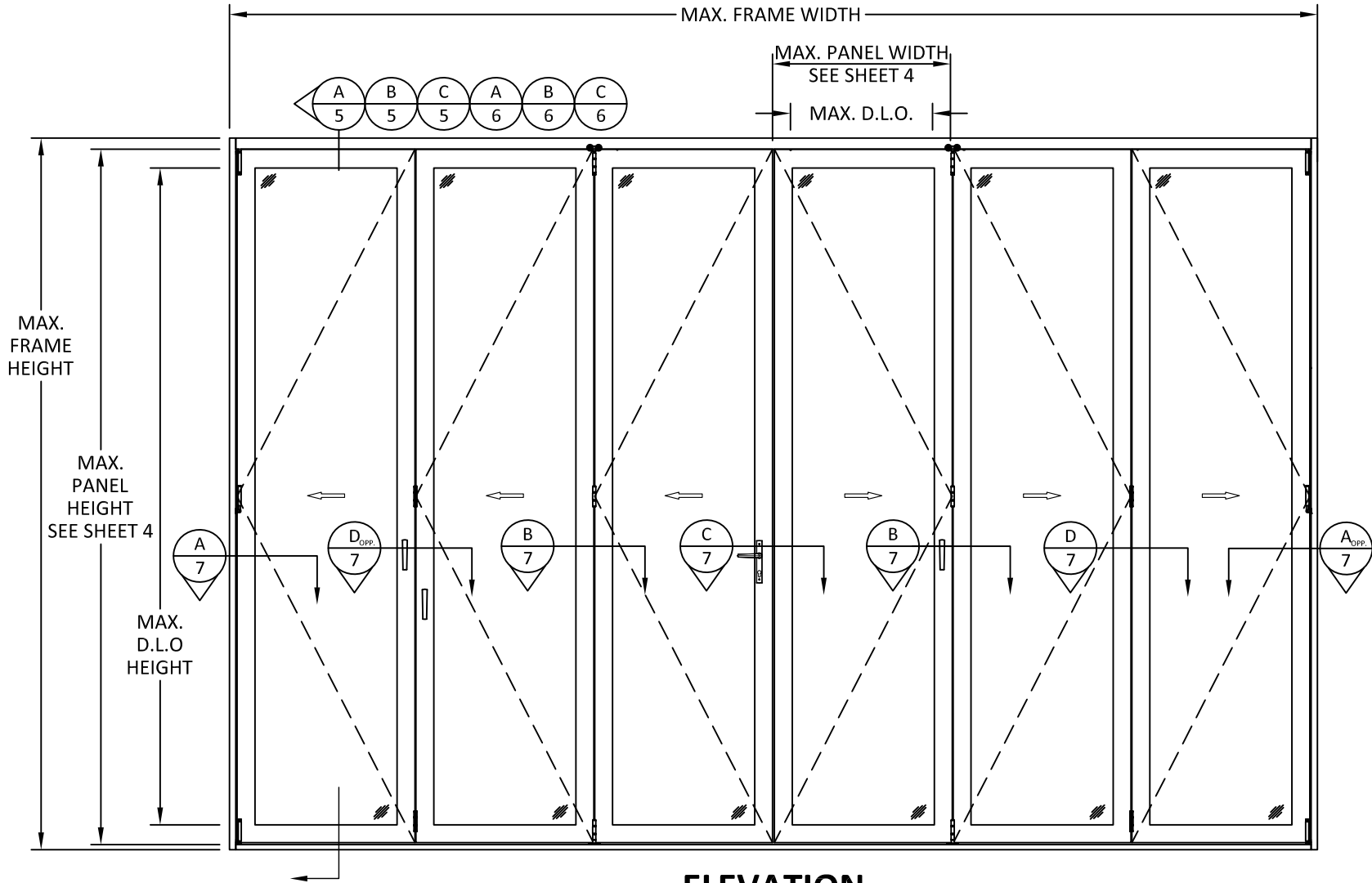
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ELEVATION
IN-SWING/OUT-SWING UNIT

D.L.O. HEIGHT =PANEL HEIGHT - 5.625"

D.L.O. WIDTH =PANEL WIDTH - 6.25"

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 DOOR WITH GLASS TYPE 1 & 2, OVERALL FRAME AREA SHALL NOT EXCEED 415 FT² (1.5 X TESTED FRAME AREA).

FOR DOOR WITH GLASS TYPE 3, 4, 5, 6, 7, 8, 9, & 10, OVERALL FRAME AREA SHALL NOT EXCEED 334 FT² (1.5 X TESTED FRAME AREA).



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ELEVATIONS

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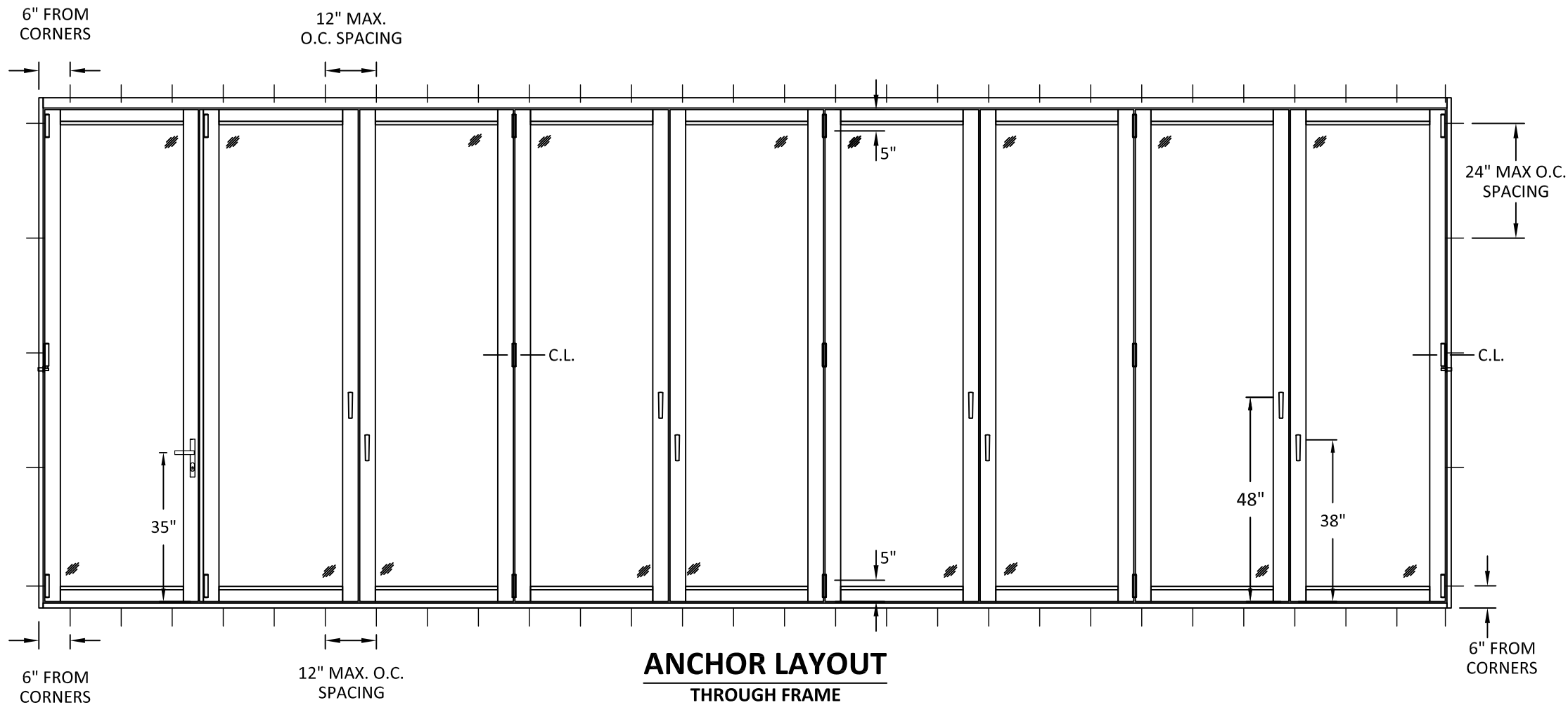
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SCALE: **NTS**

DWG. #: **EWS014**

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NOTE :
FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 8

NOTE :
THE WALL CENTER PIVOT AND CENTER HINGE IS NOT REQUIRED WHEN THE DOOR HEIGHT IS LESS THAN 72".

ANCHOR LAYOUT
THROUGH FRAME

G1/G2 DESIGN PRESSURE TABLE (+/- PSF) FOR IN-SWING DOOR										
FRAME HEIGHT (INCHES)	NOMINAL PANEL WIDTH (INCHES)									
		20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0
	72.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0
	76.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0
	80.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0
	84.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0
	88.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0
	92.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0
	96.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0
	100.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	-
	104.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+64.5/-65.0	-
	108.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	-	-
	112.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+62.6/-65.0	-	-
	116.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+64.5/-65.0	-	-	-
	120.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+60.0/-65.0	+64.6/-65.0	+58.6/-63.5	-	-	-

NOTE : APPLIES TO RADIUSED AND SEGMENTED INSTALLATIONS.

G1/G2 DESIGN PRESSURE TABLE (+/- PSF) FOR OUT-SWING DOOR										
FRAME HEIGHT (INCHES)	NOMINAL PANEL WIDTH (INCHES)									
		20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0
	72.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0
	76.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0
	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	75.0
	84.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	+65.0/-65.0
	88.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	+65.0/-65.0	+65.0/-65.0
	92.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	+65.0/-65.0	+65.0/-65.0
	96.0	100.0	100.0	100.0	100.0	100.0	75.0	+65.0/-65.0	+65.0/-65.0	+65.0/-65.0
	100.0	100.0	100.0	100.0	100.0	94.3	75.0	+65.0/-65.0	+65.0/-65.0	-
	104.0	100.0	100.0	100.0	92.9	75.0	75.0	+65.0/-65.0	+64.5/-65.0	-
	108.0	100.0	100.0	93.8	82.8	75.0	+65.0/-65.0	+65.0/-65.0	-	-
	112.0	100.0	97.3	83.9	75.0	75.0	+65.0/-65.0	+62.6/-65.0	-	-
	116.0	100.0	87.4	75.4	75.0	75.0	+64.5/-65.0	-	-	-
	120.0	94.2	78.9	75.0	75.0	+64.6/-65.0	+58.6/-63.5	-	-	-

NOTE : APPLIES TO RADIUSED AND SEGMENTED INSTALLATIONS.

G3/G4/G5/G6/G7/G8/G9/G10 DESIGN PRESSURE TABLE (+/- PSF) FOR OUT-SWING DOOR ONLY										
PANEL HEIGHT (INCHES)	NOMINAL PANEL WIDTH (INCHES)									
		20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0
	72.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	78.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	84.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	90.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	96.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	102.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-
	108.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-
	114.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-
	120.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-	-
	126.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-	-
	132.0	65.0	65.0	65.0	65.0	-	-	-	-	-
	138.0	65.0	65.0	65.0	65.0	-	-	-	-	-
	144.0	65.0	65.0	65.0	65.0	-	-	-	-	-

NOTE : APPLIES TO RADIUSED AND SEGMENTED INSTALLATIONS.



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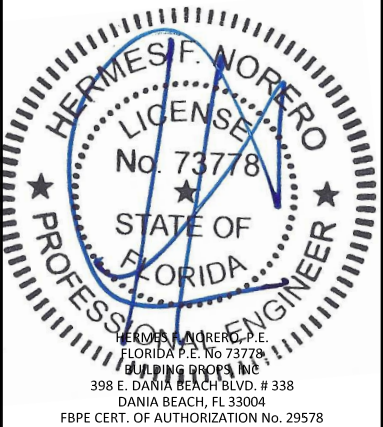
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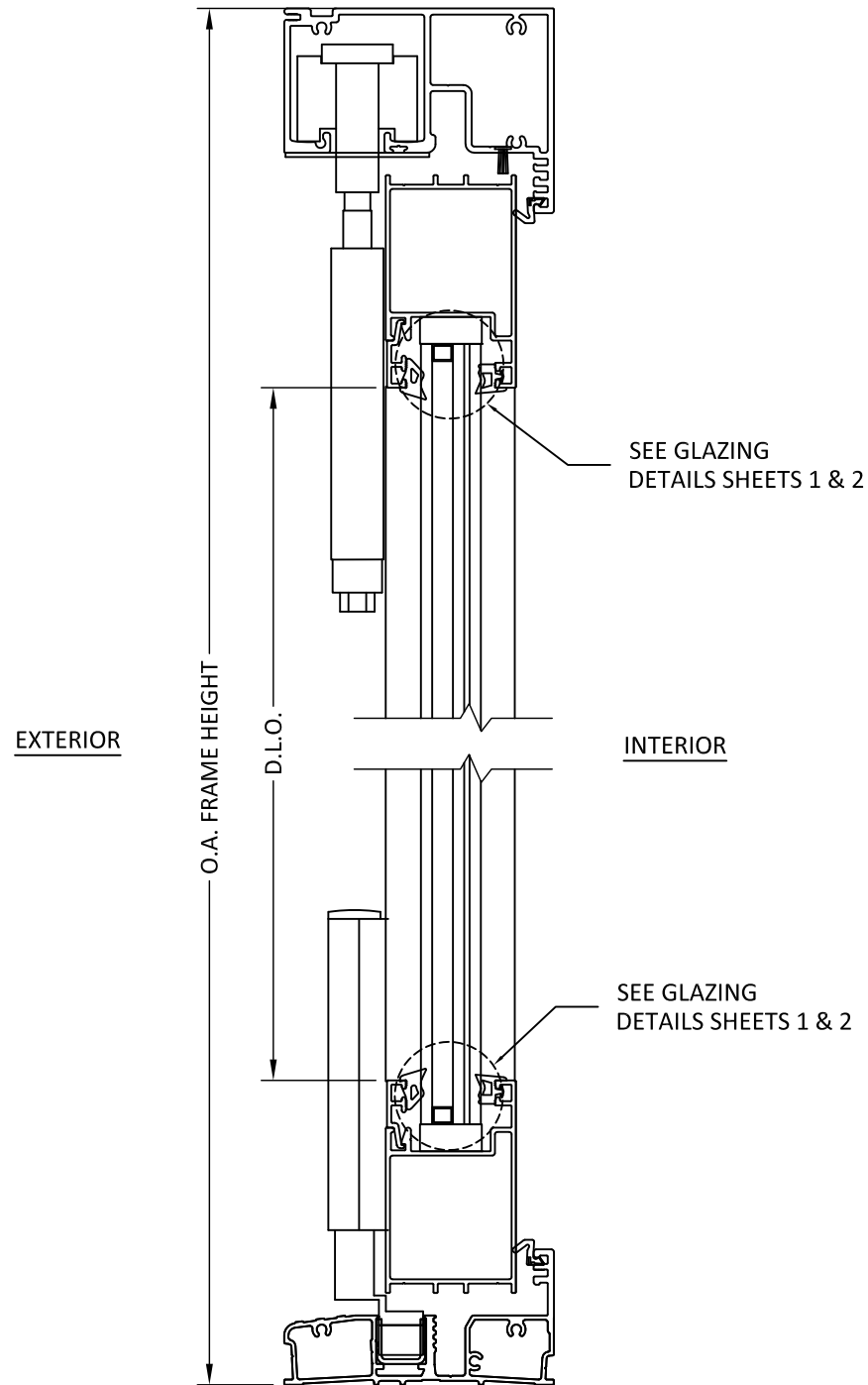
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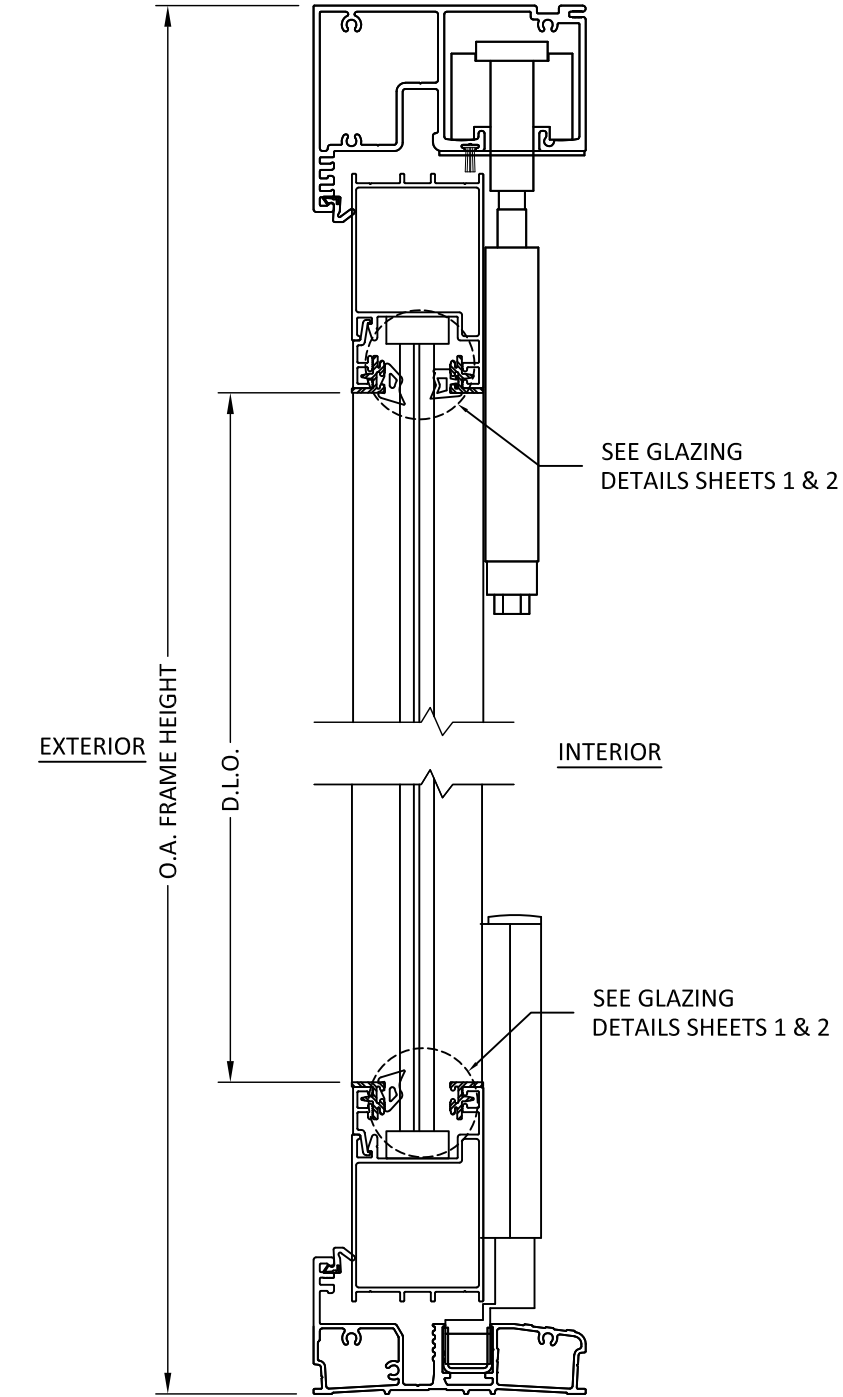
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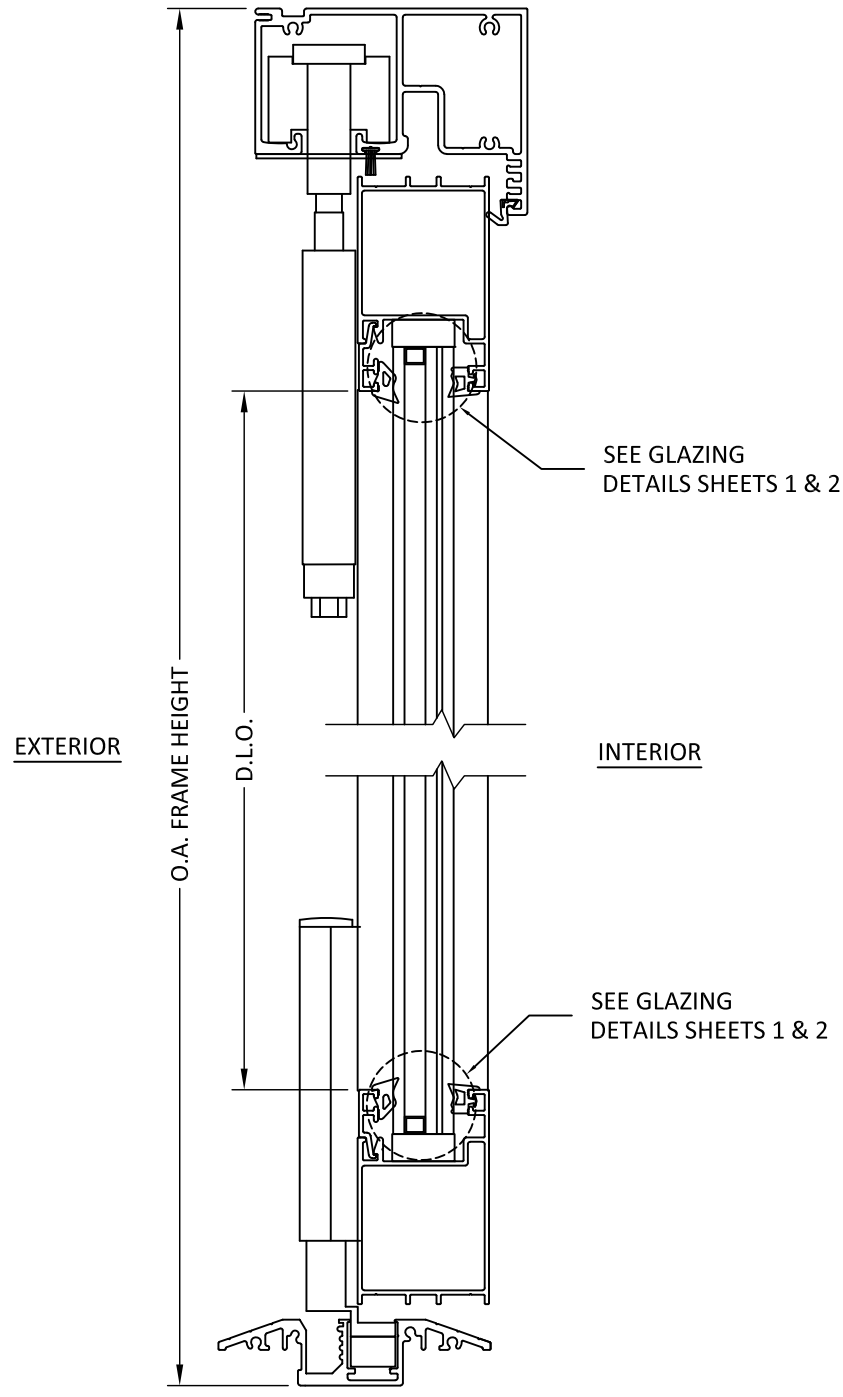


A
5 **VERTICAL SECTION**
HEAD AND STANDARD SILL OUT-SWING DOOR



B
5 **VERTICAL SECTION**
HEAD AND STANDARD SILL DETAIL IN-SWING DOOR

NOTE:
SILL NOT APPROVED FOR
WATER PENETRATION.



C
5 **VERTICAL SECTION**
HEAD AND ADA SILL DETAIL OUT-SWING DOOR

NOTE:
SILL NOT APPROVED FOR
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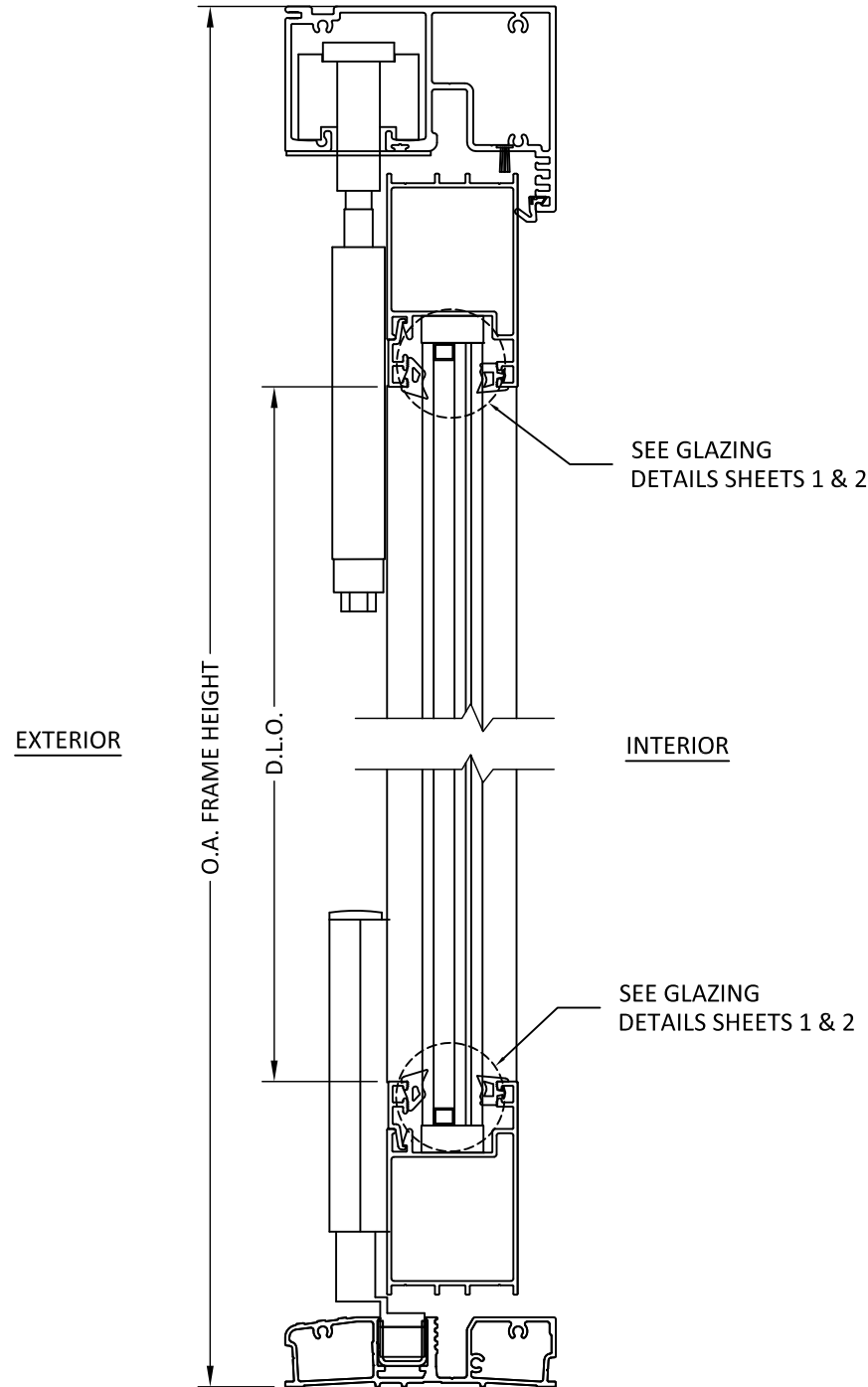
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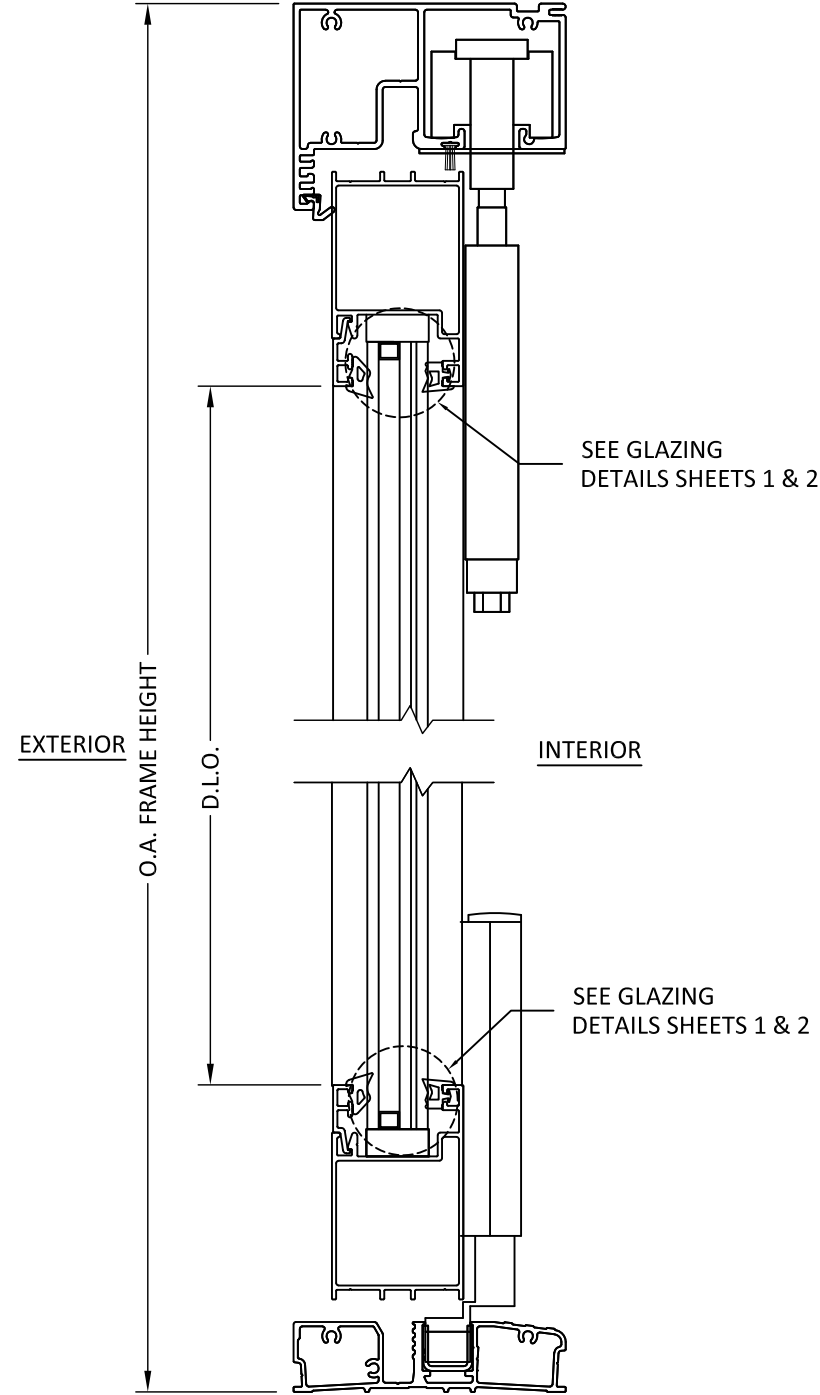
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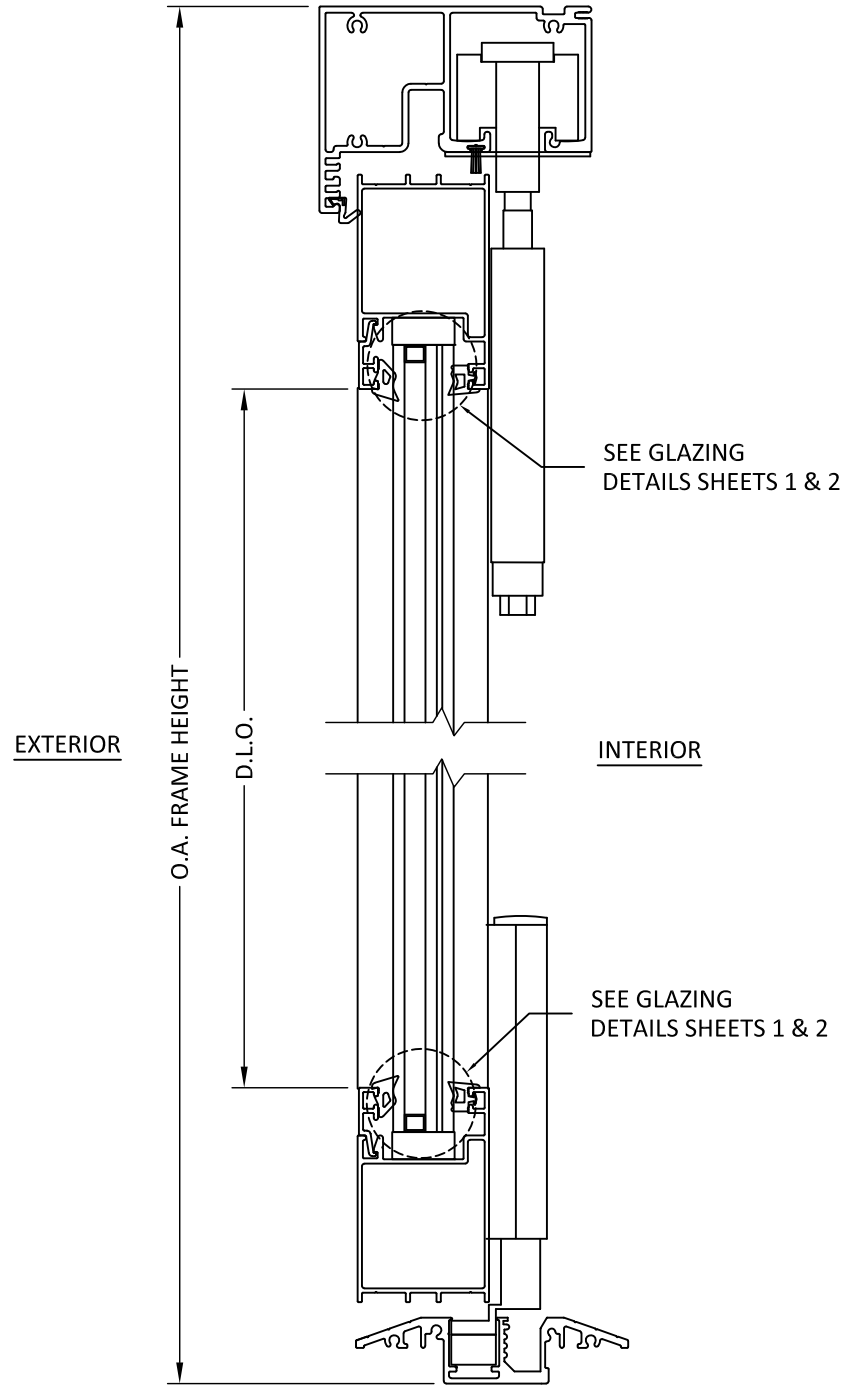
A
6 **VERTICAL SECTION**
HEAD AND MODIFIED SILL OUT-SWING DOOR

NOTE:
SILL NOT APPROVED FOR
WATER PENETRATION.



B
6 **VERTICAL SECTION**
HEAD AND MODIFIED SILL DETAIL IN-SWING DOOR

NOTE:
SILL NOT APPROVED FOR
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C
6 **VERTICAL SECTION**
HEAD AND ADA SILL DETAIL IN-SWING DOOR

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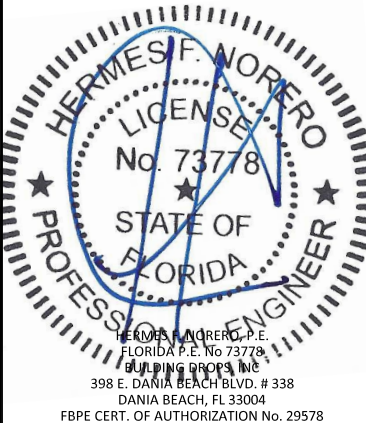
TITLE: EURO-C3 BIFOLD
ALUMINUM DOOR SYSTEM
(HVHZ) (IMPACT)
VERTICAL SECTIONS

PREPARED BY:
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



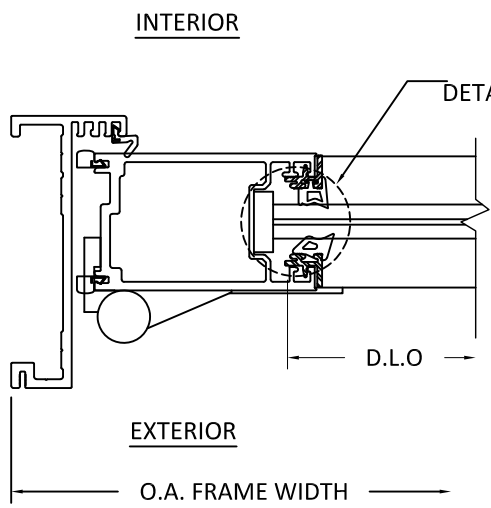
REMARKS	BY	DATE
ADD 12' HEIGHT DOOR	MS	06/21

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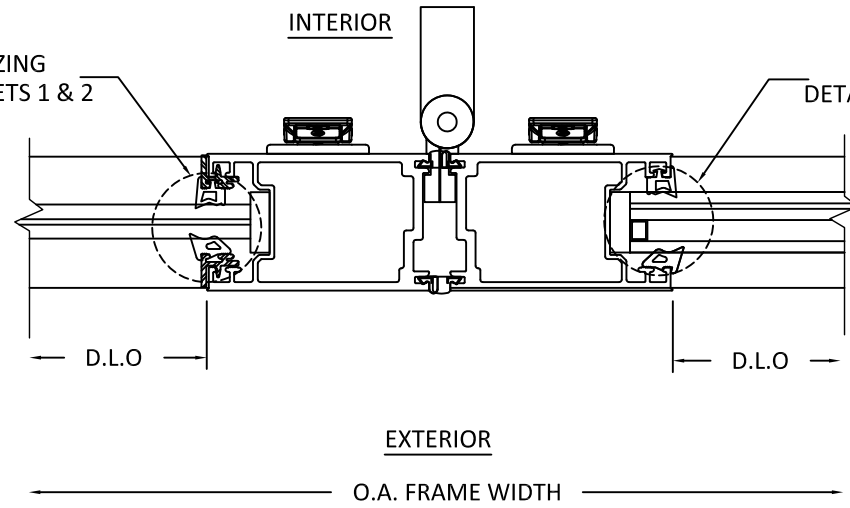


FL #:	FL17838
DATE:	10.09.20
DWG. BY:	LL
CHK. BY:	SM
SCALE:	NTS
DWG. #:	EWS014
SHEET	6

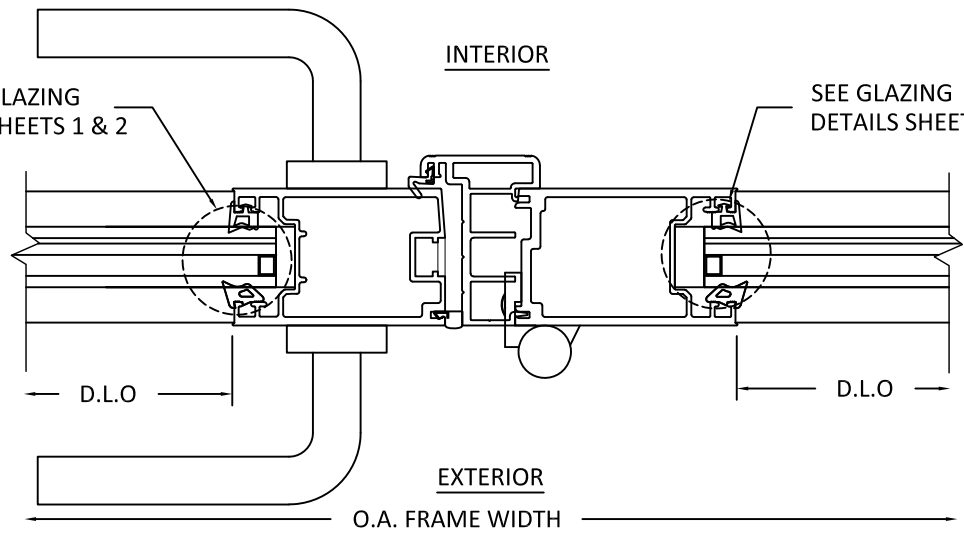
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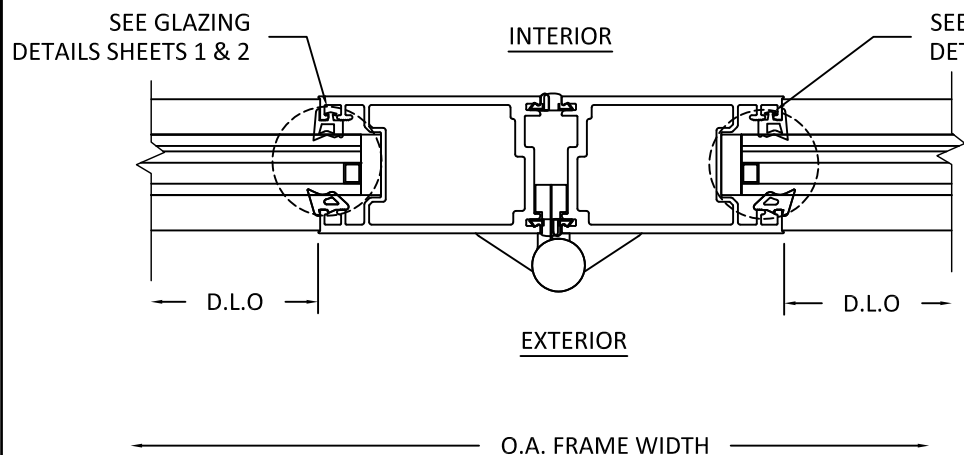
A
7 **HORIZONTAL SECTION**
JAMB DETAIL/ OUT-SWING



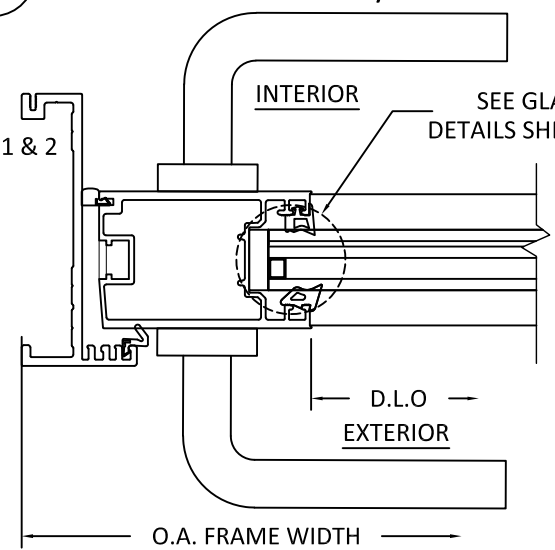
B
7 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ OUT-SWING



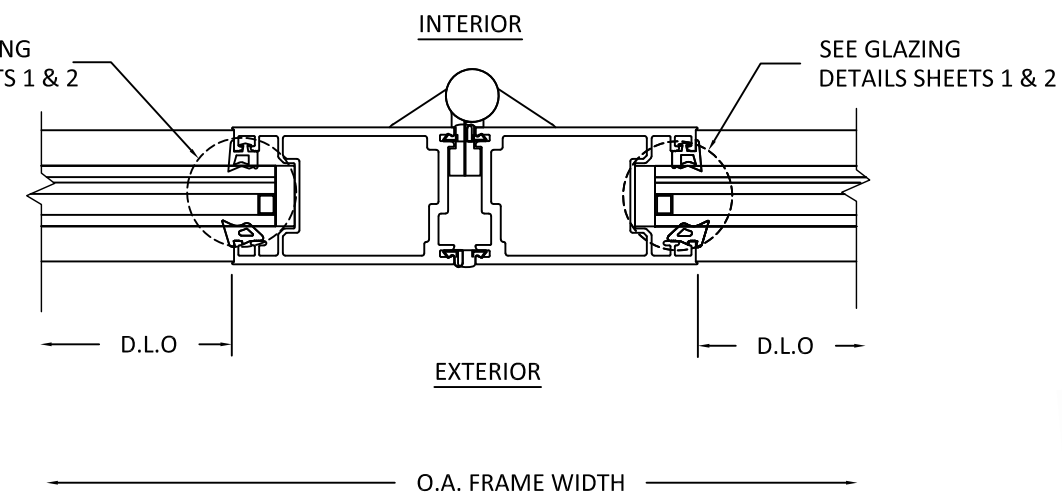
C
7 **HORIZONTAL SECTION**
DOOR HANDLE DETAIL/ OUT-SWING



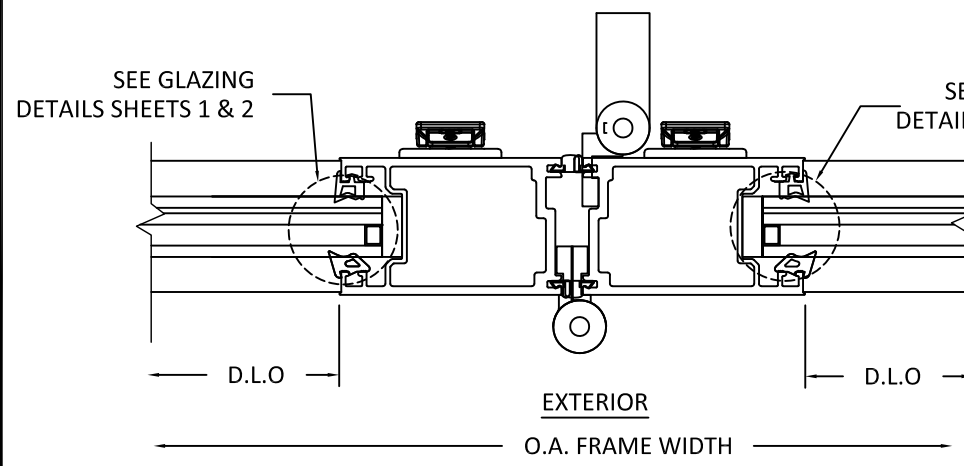
D
7 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ OUT-SWING
INTERIOR



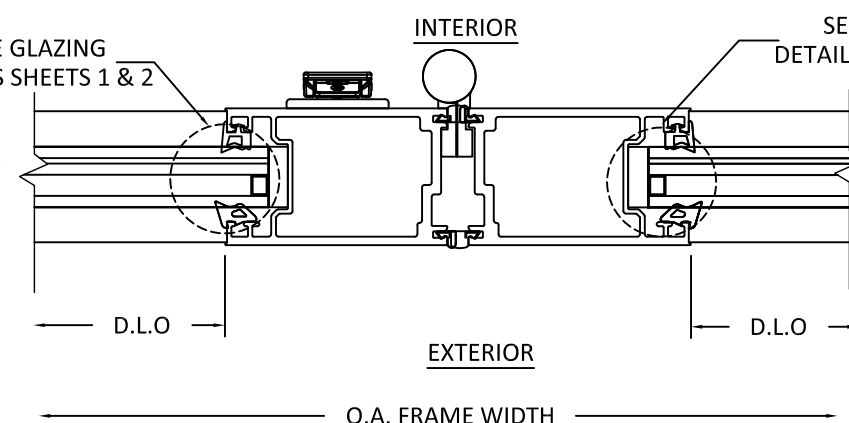
E
7 **HORIZONTAL SECTION**
JAMB DETAIL WITH HANDLE/ IN-SWING



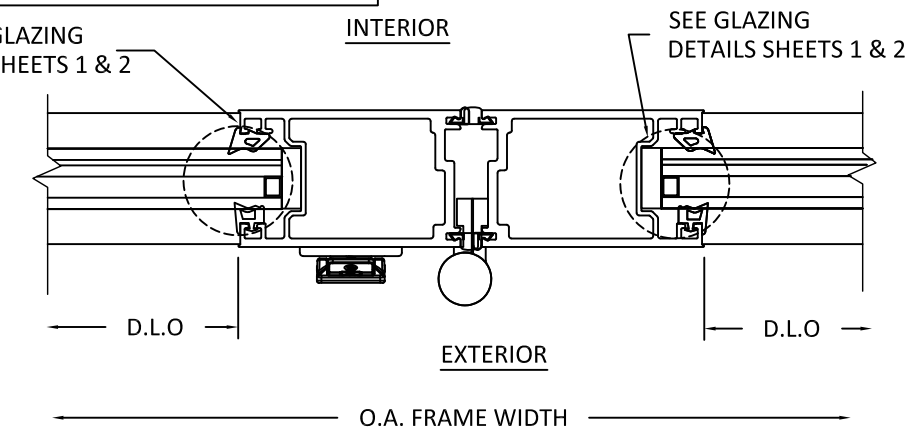
F
7 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ IN-SWING



G
7 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ IN-SWING



H
7 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ OUT-SWING



I
7 **HORIZONTAL SECTION**
PANEL TO PANEL DETAIL/ IN-SWING

NOTE: DETAIL H/7 & I/7 ARE APPLICABLE FOR CONFIGURATIONS LISTED ON SHEET 3 WHEN PANELS DO NOT EXCEED 30 FT²



EURO-WALL SYSTEMS, LLC
24100 TISEO BOULEVARD
P.O. BOX 1000, FL 33980
PH: (888) 989-3876

TITLE: EURO-C3 BIFOLD
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(HVHZ) (IMPACT)

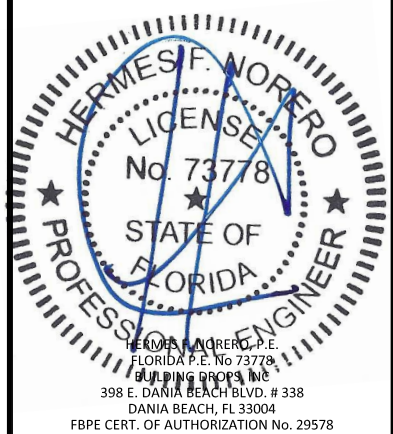
HORIZONTAL SECTIONS

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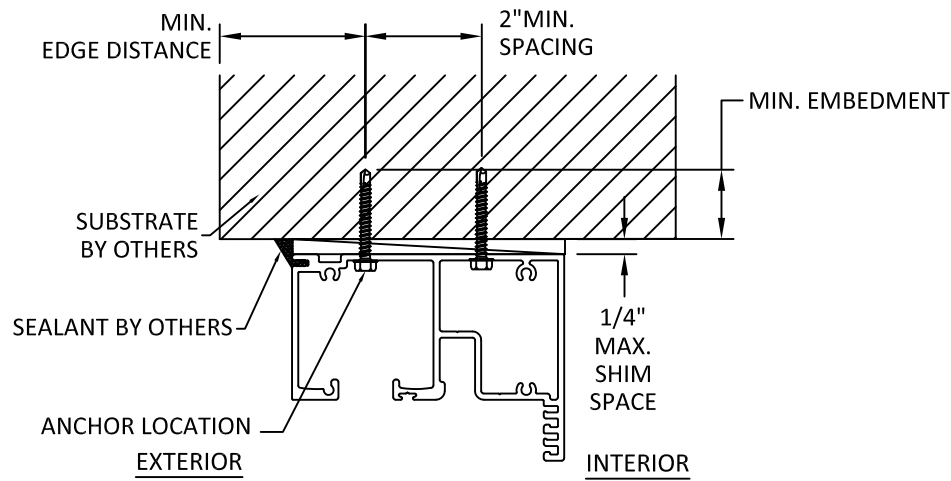
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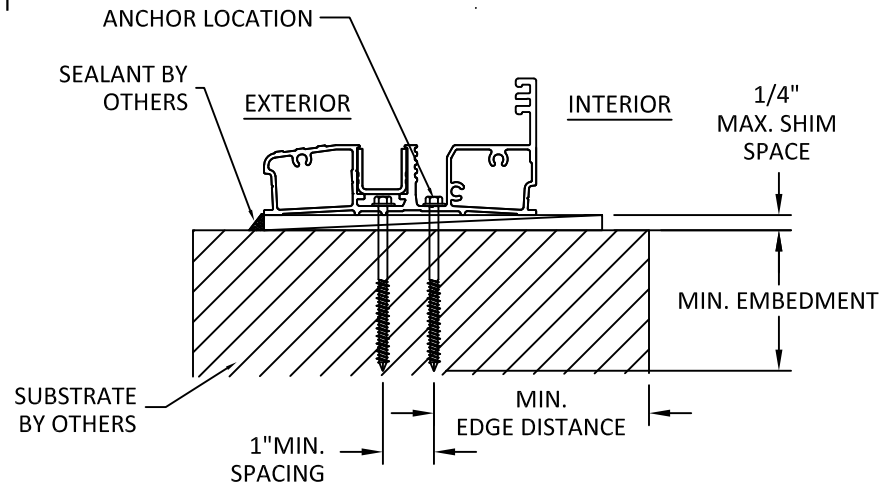
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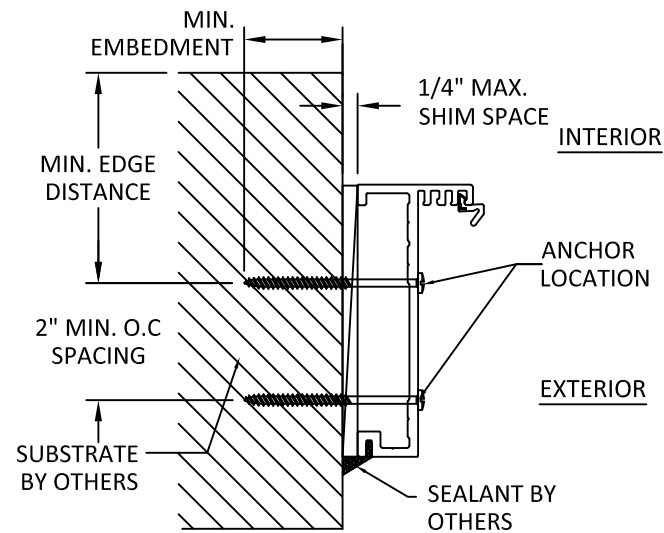
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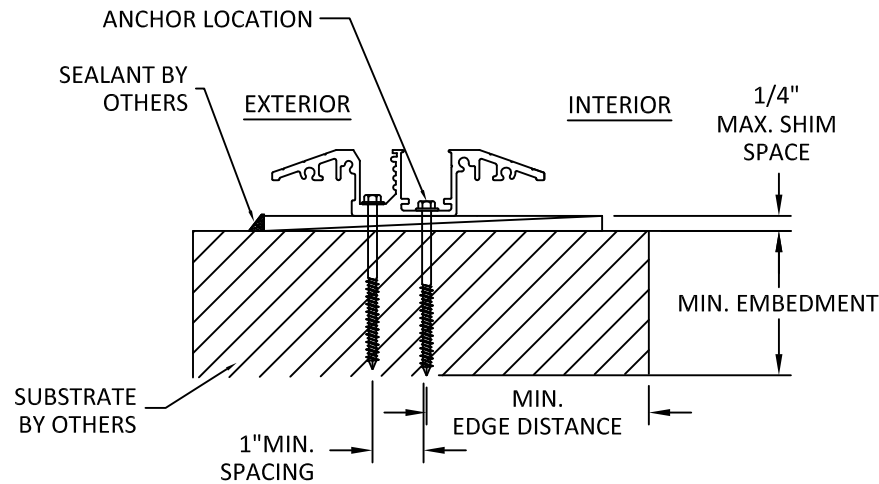
A
8 **ANCHOR DETAIL**
HEAD - THROUGH FRAME



B
8 **ANCHOR DETAIL**
STANDARD OR MODIFIED SILL - THROUGH FRAME
INSWING/OUTSWING



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



D
8 **ANCHOR DETAIL**
ADA SILL - THROUGH FRAME

INSTALLATION NOTES:

- TWO (2) INSTALLATION ANCHORS REQUIRED AT EACH LOCATION SHOWN.
- 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					
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
THRU FRAME	2	WOOD (MIN. S.G. = 0.55)	#14 WOOD SCREW	1.5000	0.7500
	2	CONCRETE (MIN. F'C = 2,000 psi) OR CMU (PER ASTM C90)	1/4" ITW TAPCON	1.7500	2.5000
	2	METAL STUD (STEEL MIN. 18GA, Fy = 33ksi) ALUMINUM MIN 1/8", 6063-T5)	1/4" SMS OR SELF DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL WALL	0.5000

euro-wall
SUPERIOR BY DESIGN

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