

AMERICAN CRAFTSMAN WINDOWS

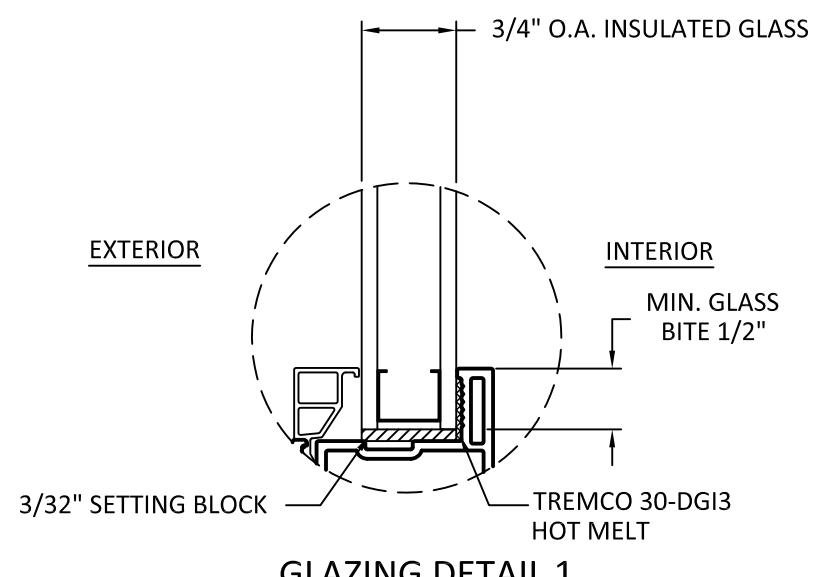
SILVER LINE BUILDING PRODUCTS

GENERAL NOTES:

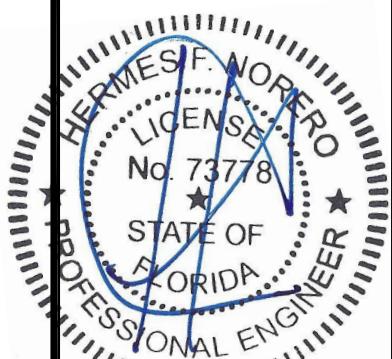
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-11
 - TAS 202-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOAD 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. FRAME MATERIAL: PVC
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SFF SHEFT 1 FOR GLAZING DFTAIL.

MAX OVERALL SIZE		CONFIG.	DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
71 5/8"	79 3/4"	OX	+50 / -50 PSF	NON-IMPACT

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- GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E-1300 GLASS CHARTS REQUIREMENT.
- GLASS TYPE SHALL COMPLY WITH FBC SAFETY GLAZING REQUIREMENTS.



HERMES F. NORERO
FLORIDA P. E. NO. 73778
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004

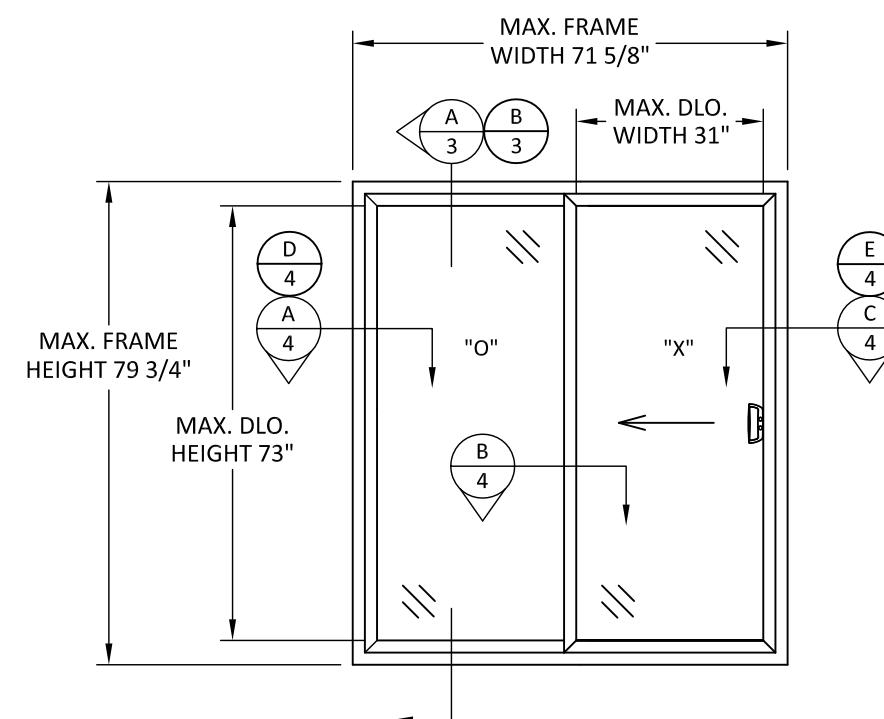
FPBE CERT. OF AUTHORIZATION NO. 29578

 BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., #338
DANIA BEACH, FL 33004

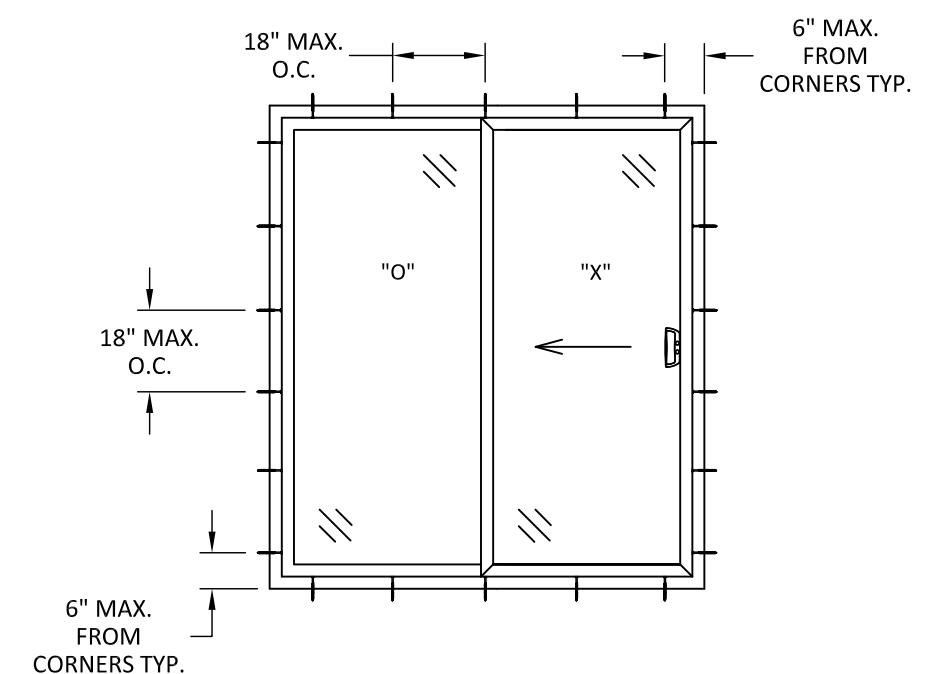
FL#: 20101

DWG #: SWD003

SHEET: 1 OF 5

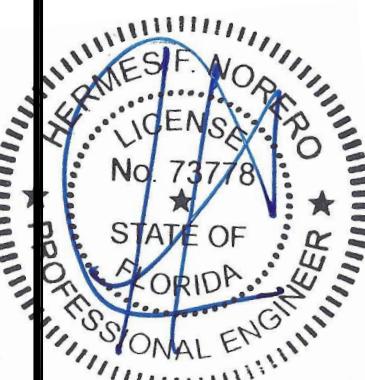


ELEVATION
SLIDING GLASS DOOR
INTERIOR VIEW



ANCHOR LAYOUT
THROUGH FRAME

DATE: 03.09.16	TITLE: V1 SERIES/50 SERIES GLIDING PD HVHZ (NON-IMPACT)
DWN BY: LMS	REVISION DESCRIPTION
A	7TH EDITION 2020 FBC
CHK BY: HFN	BY
SCALE: NTS	DATE: 12.04.20



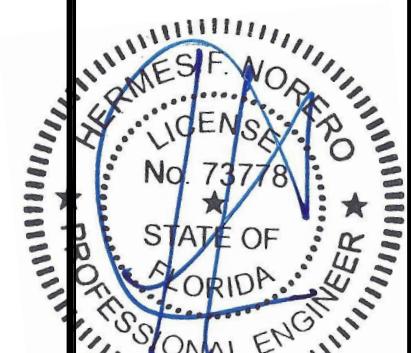
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., #338
DANIA BEACH, FL 33004
PH:(954)399-8478 FX:(954)744-4738

FL#: 20101

DWG #: SWD003

SHEET: 2 OF 5

TITLE: V1 SERIES/50 SERIES GLIDING PD HVHZ (NON-IMPACT)		REVISION DESCRIPTION		BY	DATE
DATE: 03.09.16	DWN BY: LMS	A	7TH EDITION 2020 FBC	LMH	12.04.20
CHK BY: HFN					
SCALE: NTS					



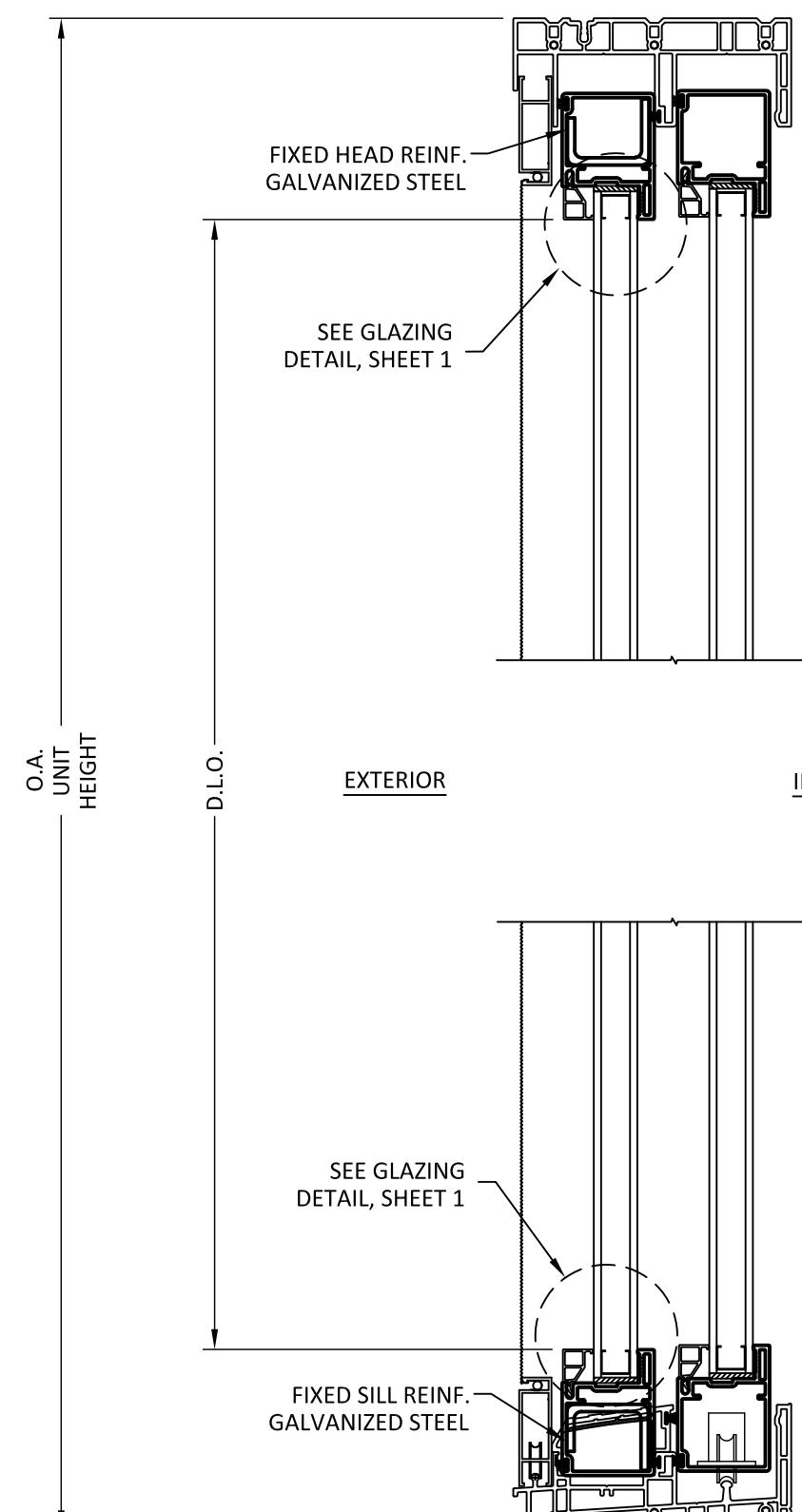
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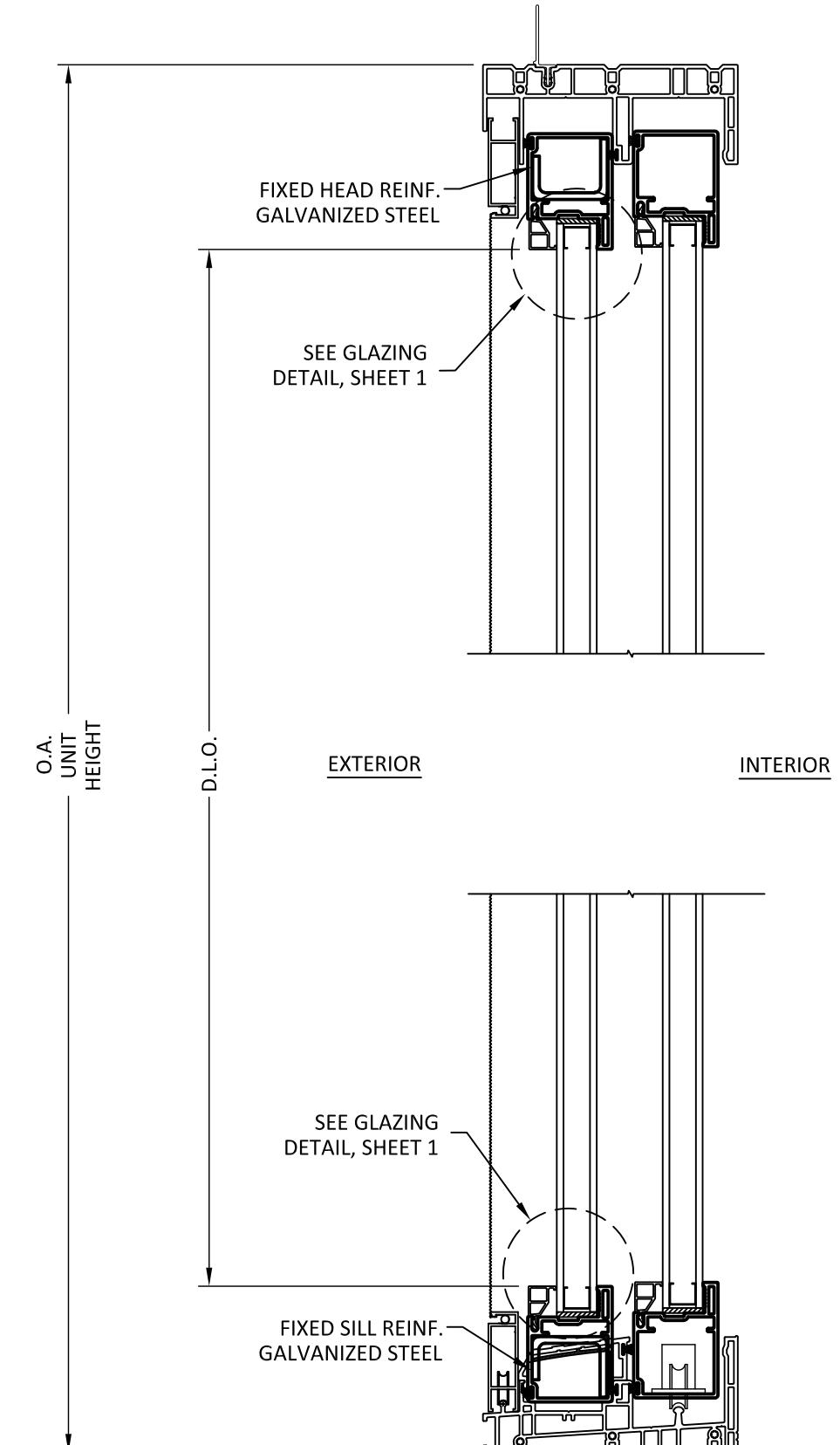
SHEET: 3 OF 5



A
3

VERTICAL SECTION

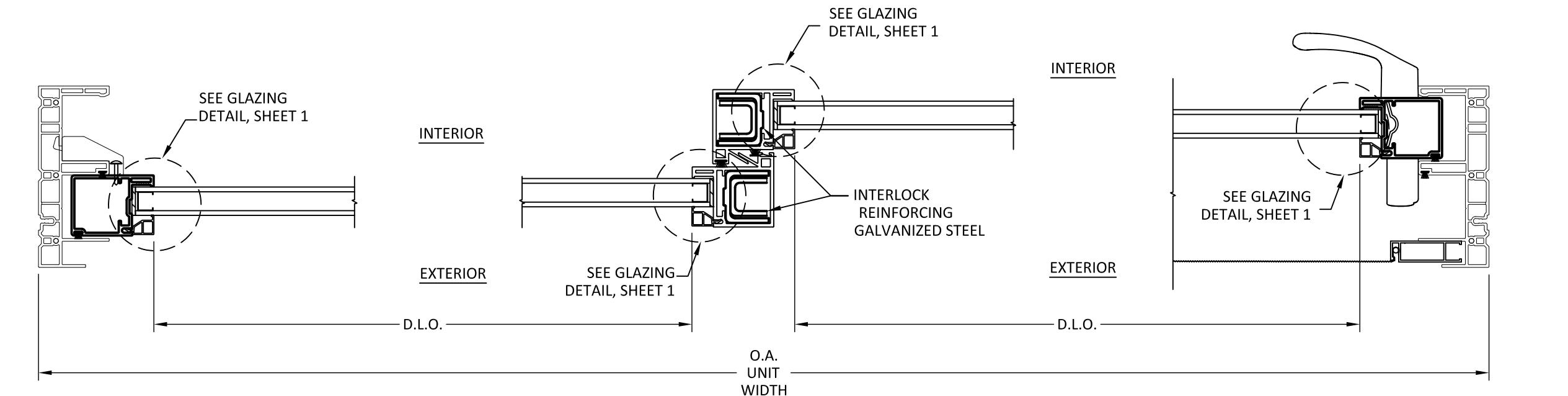
NO FLANGE



B
3

VERTICAL SECTION

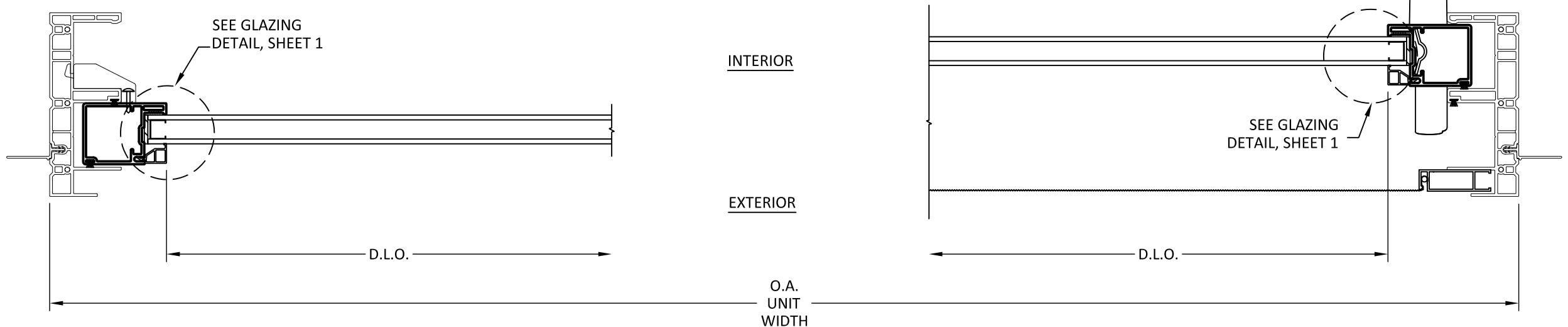
WITH OPTIONAL ACCESSORY FLANGE



A
4
HORIZONTAL SECTION
NO FLANGE

B
4
HORIZONTAL SECTION

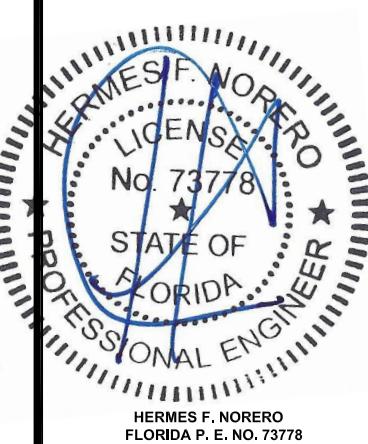
C
4
HORIZONTAL SECTION
NO FLANGE



D
4
HORIZONTAL SECTION
WITH OPTIONAL ACCESSORY FLANGE

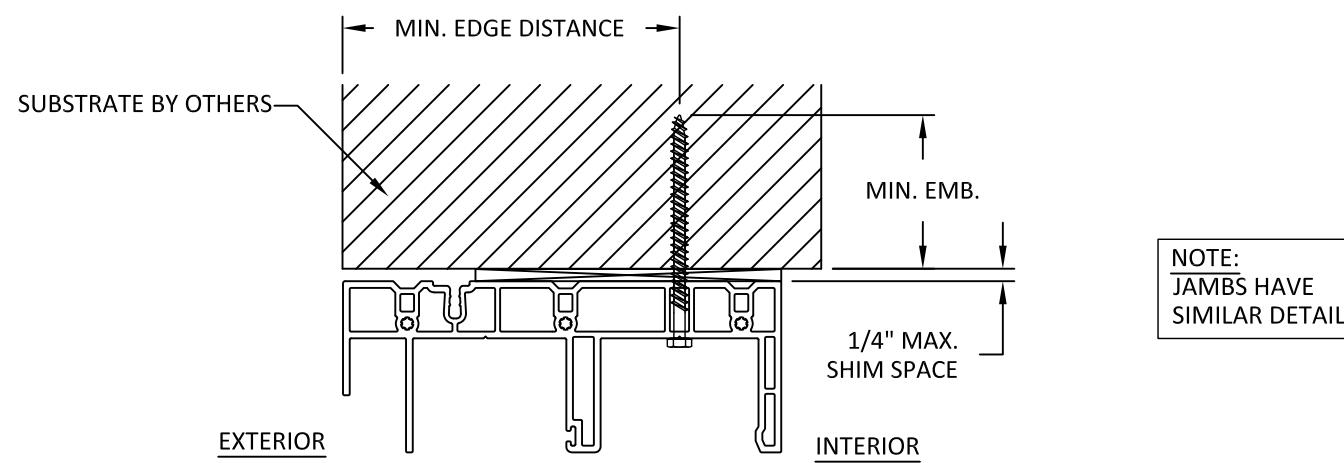
E
4
HORIZONTAL SECTION
WITH OPTIONAL ACCESSORY FLANGE

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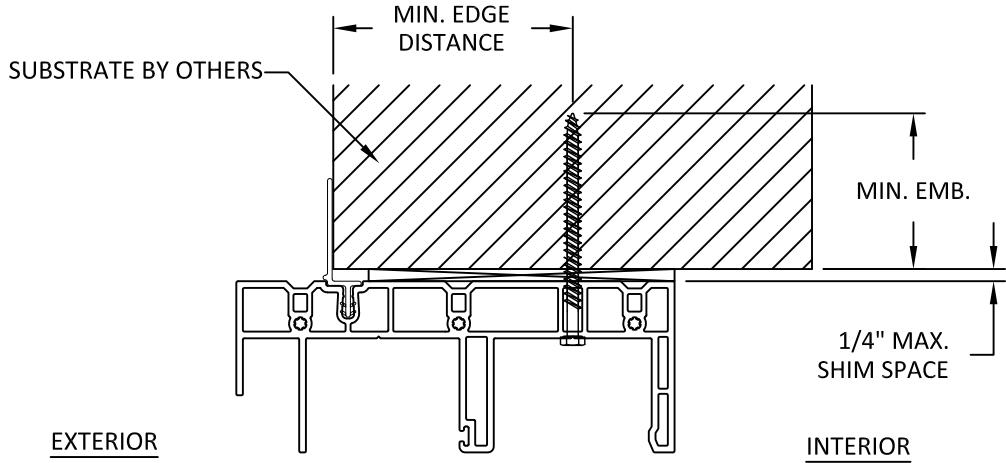
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DANIA BEACH, FL 33004
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SHEET: 4 OF 5



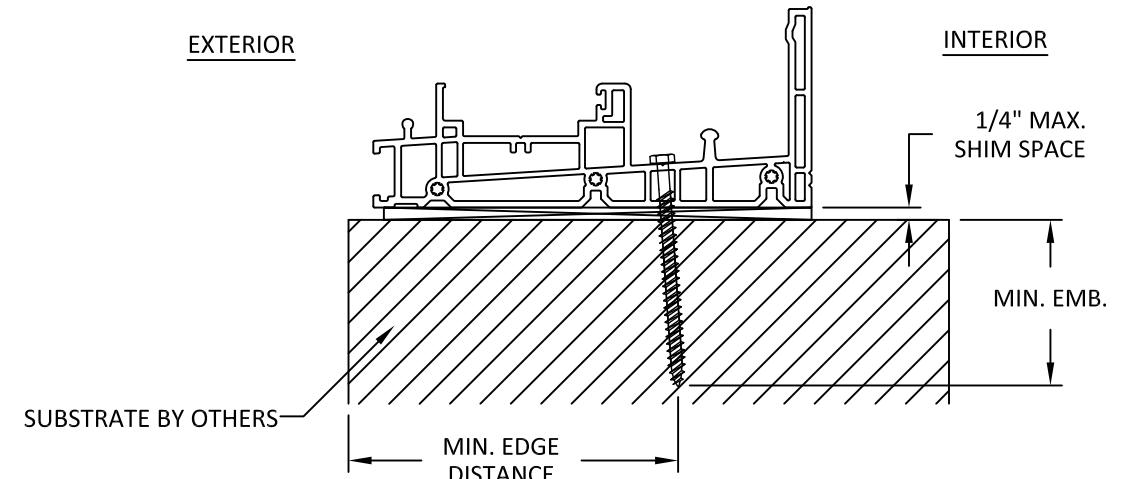
A
5

ANCHOR DETAIL
THROUGH FRAME WITHOUT FLANGE (HEAD)



B
5

ANCHOR DETAIL
THROUGH FRAME WITH FLANGE (HEAD)



C
5

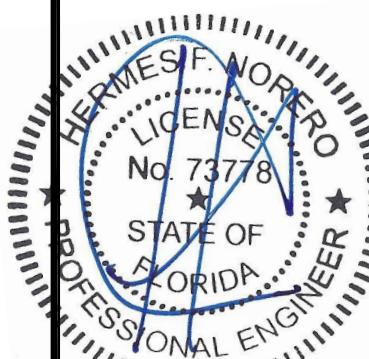
ANCHOR DETAIL
THROUGH FRAME (SILL)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ON SHEET 2.
- 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 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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.
- 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.
- SILL SHALL BE SET IN A BED OF SILICONE.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.5"	0.75"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#14 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.75"	2.5"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.75"	2.5"

TITLE: V1 SERIES/50 SERIES GLIDING PD HVHZ (NON-IMPACT) INSTALLATION NOTES, ANCHOR DETAILS & SCHEDULE		BY	DATE
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SHEET: 5 OF 5