

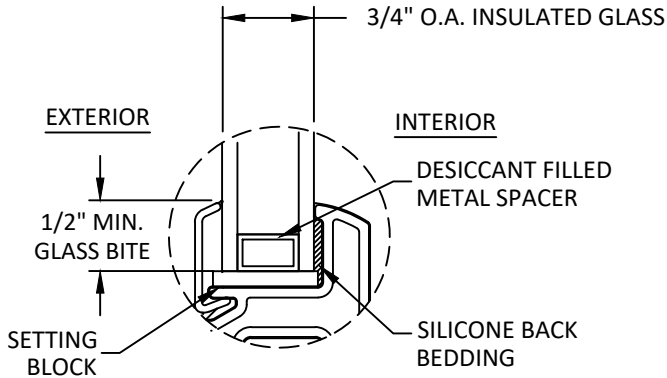
ANDERSEN CORPORATION

100 SERIES GLIDING WINDOW WITH PG UPGRADE (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

- 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:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- 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 REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: FIBREX®
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
- CUSTOM SIZES AVAILABLE UPON REQUEST.

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GLAZING DETAIL

UNIT#	UNIT SIZE	CONFIGURATION	SASH RATIO	DESIGN PRESSURE	MISSILE IMPACT RATING
1	101 1/2" X 59 1/2"	(XOX)	1:1:1	+/- 50 PSF	NON-IMPACT
2	101 1/2" X 59 1/2"	(XOX)	1:2:1		
3	71 1/2" X 59 1/2"	(XO) OR (OX)	1:1		

GLAZING NOTES:

- GLAZING SHALL COMPLY WITH ASTM E1300 AND FBC SAFETY GLAZING REQUIREMENTS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.



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(NON-HVHZ) (NON-IMPACT)

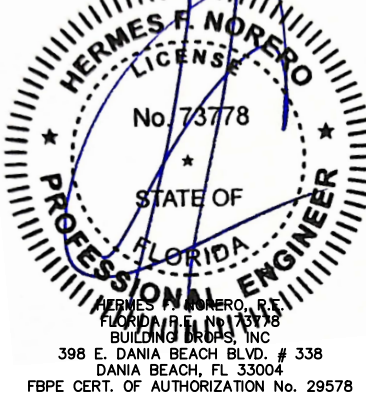
GENERAL, INSTALLATION NOTES,
& GLAZING DETAIL

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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
ELEVATON UPDATES	SH	8.15.22
8TH FBC CODE CHANGE	SH	5.30.23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 11:12:55 -04'00'



FL #:
FL15907

DATE: **06.22.2018**

DWG. BY: **JA** CHK. BY: **HFN**

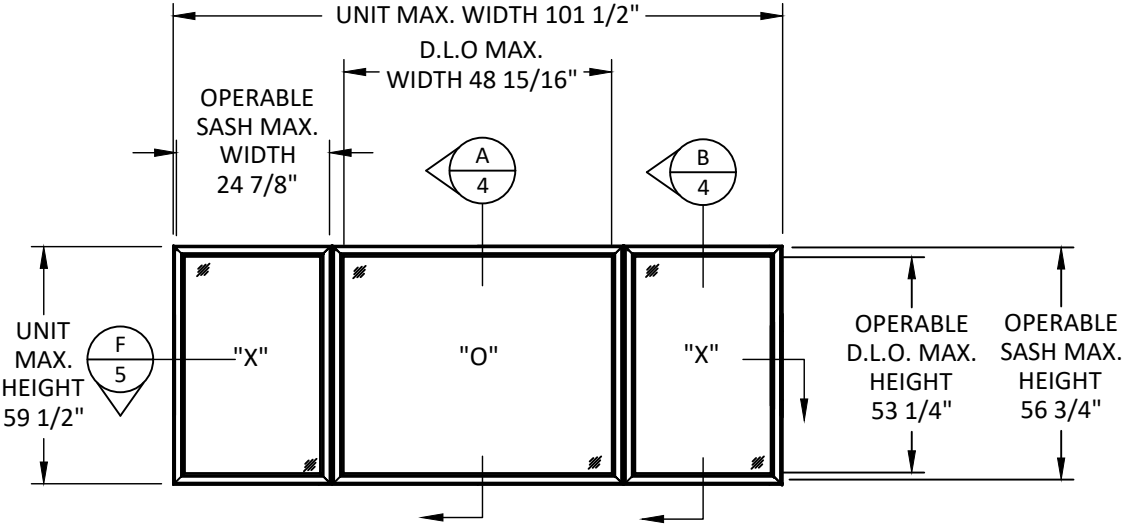
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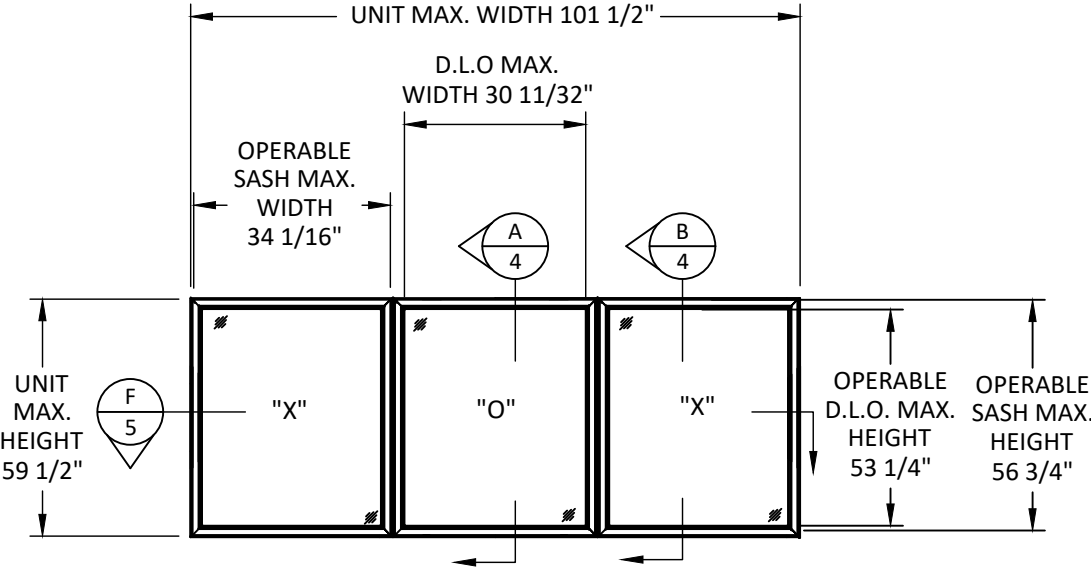
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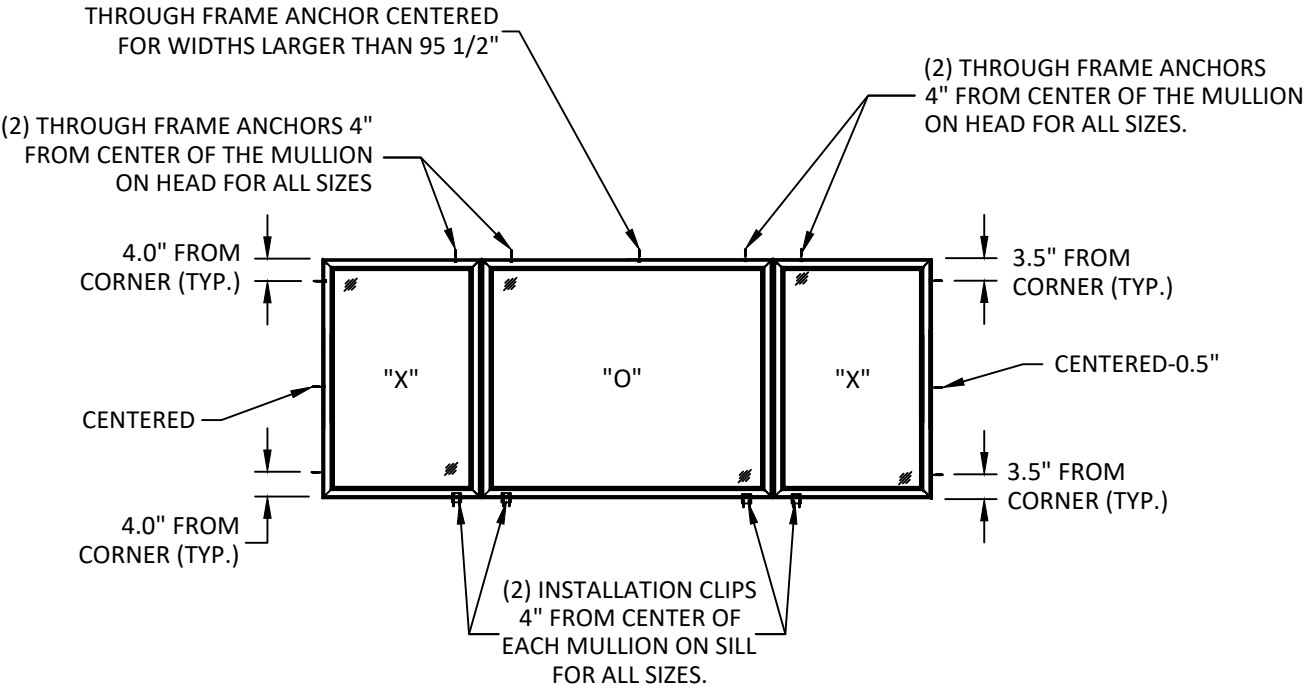
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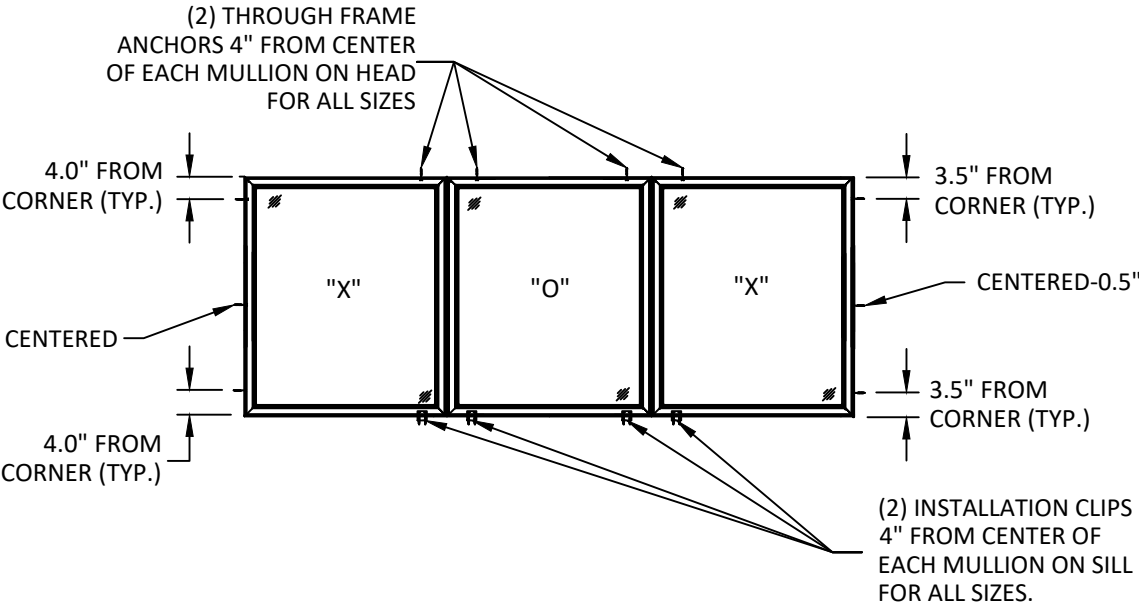
ELEVATION
XOX



ELEVATION
XOX



ANCHOR LAYOUT
THROUGH FRAME/INSTALLATION CLIP



ANCHOR LAYOUT
THROUGH FRAME/INSTALLATION CLIP



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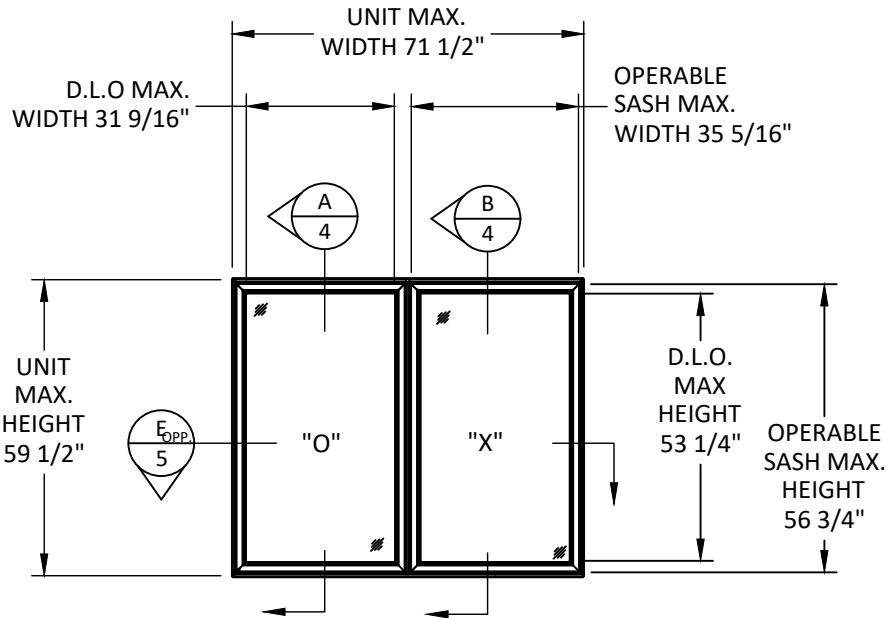
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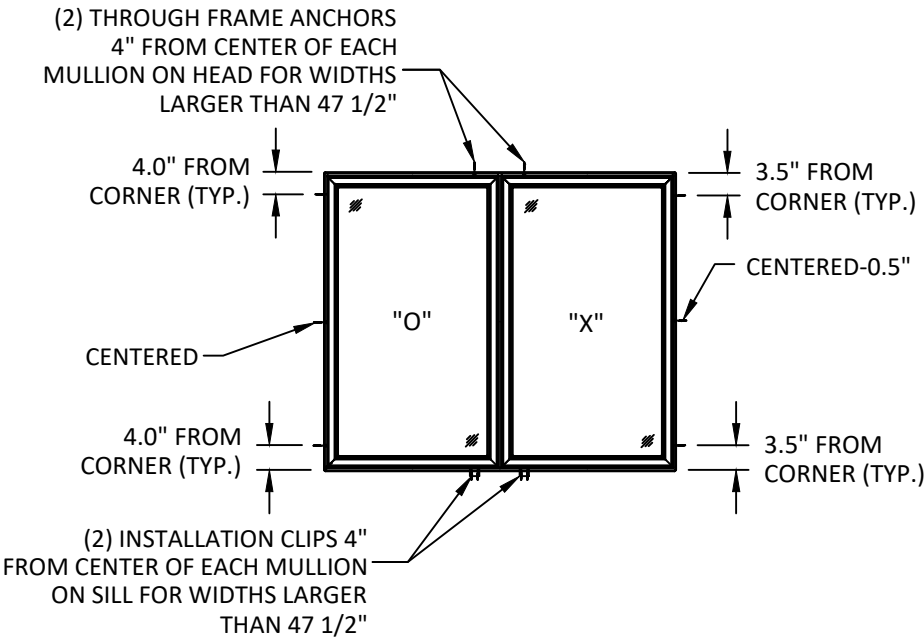
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DWG. BY: JA
CHK. BY: HFN
SCALE: NTS
DWG. #: AWD240
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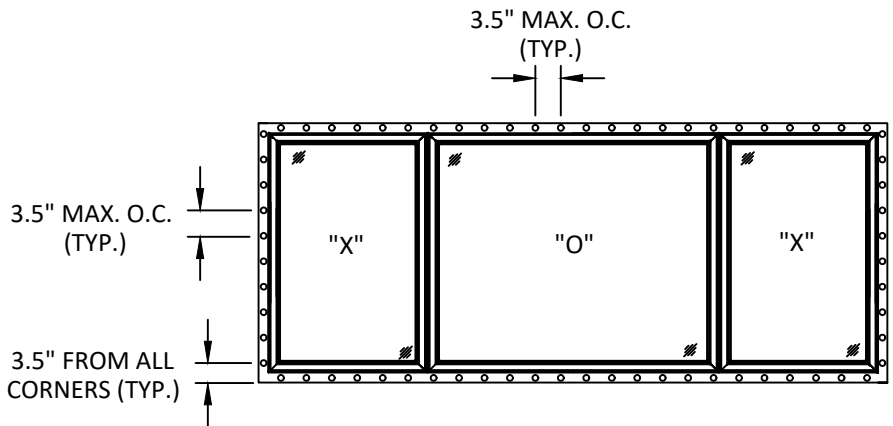
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ELEVATION
OX OR XO



ANCHOR LAYOUT
**THROUGH FRAME/
INSTALLATION CLIP**



ANCHOR LAYOUT*
***NOTE: NAIL FIN ANCHOR LAYOUT
APPLIES TO ALL SHAPES AND
CONFIGURATIONS**



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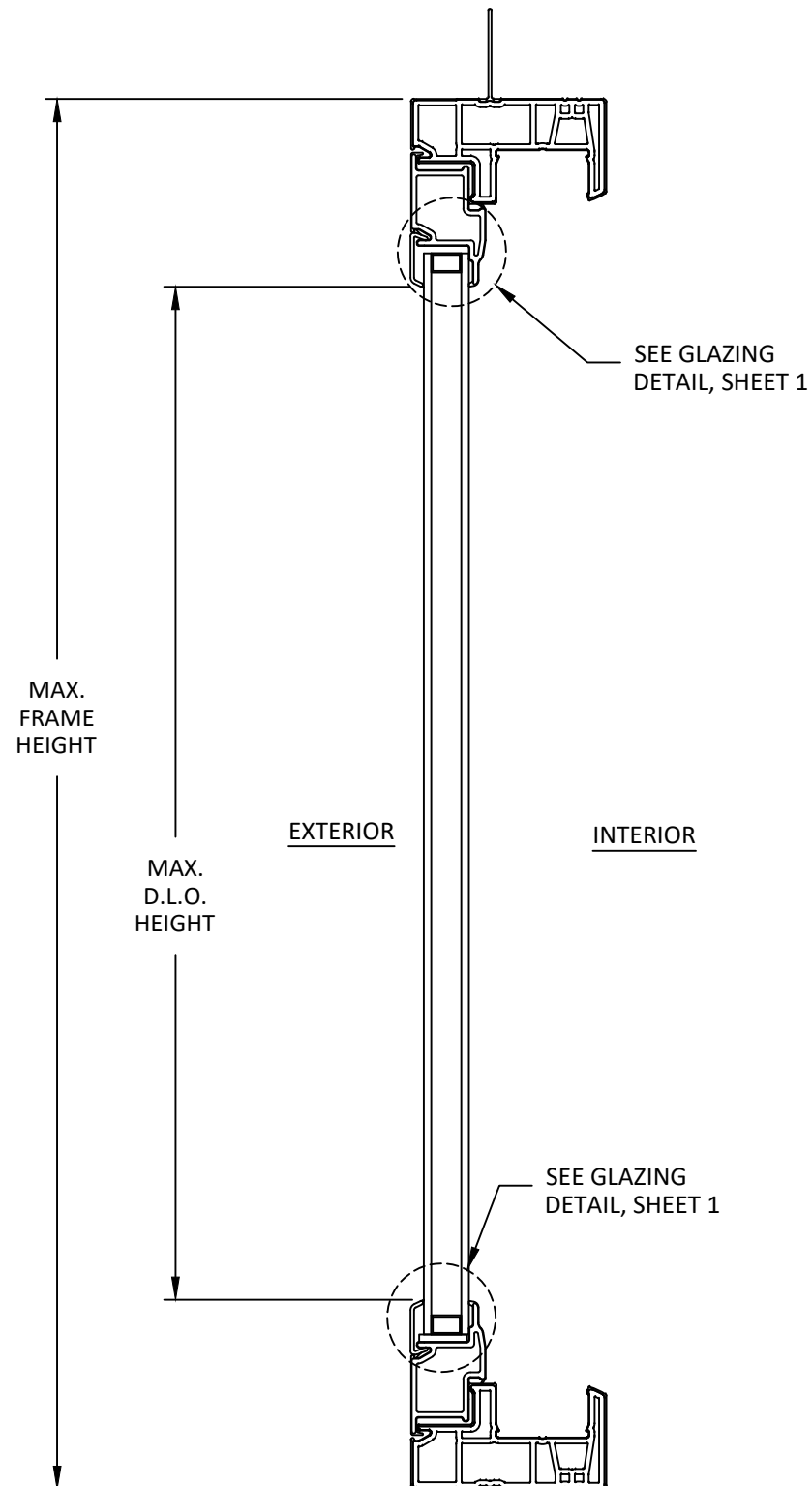
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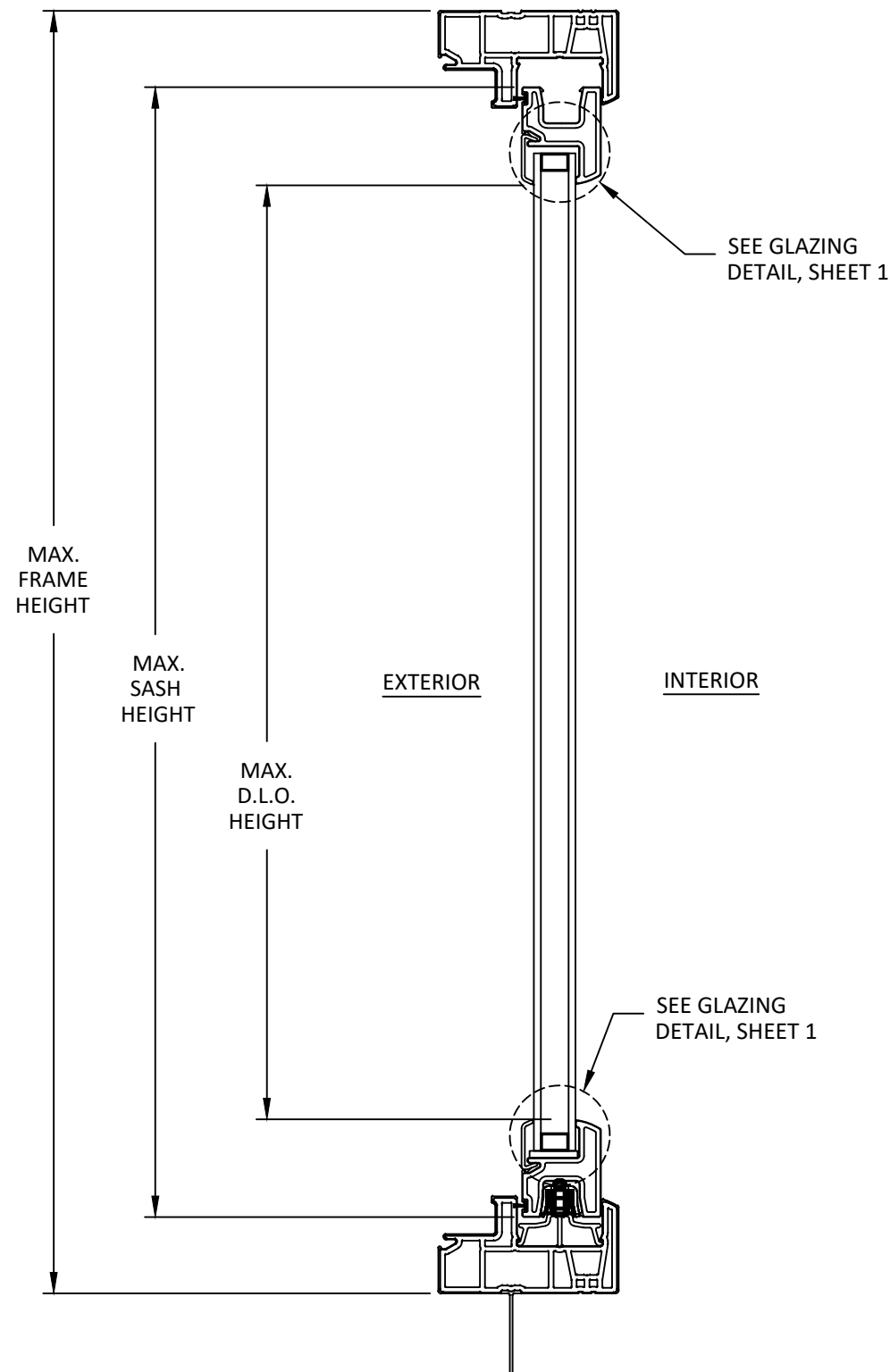


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A
4 **VERTICAL SECTION**
FIXED LITE
NAIL FIN/THROUGH FRAME INSTALLATION



B
4 **VERTICAL SECTION**
OPERABLE SASH
NAIL FIN/THROUGH FRAME INSTALLATION



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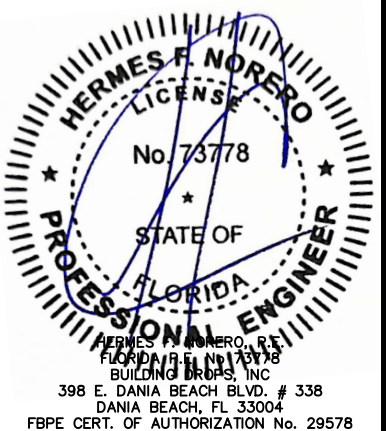
VERTICAL SECTIONS

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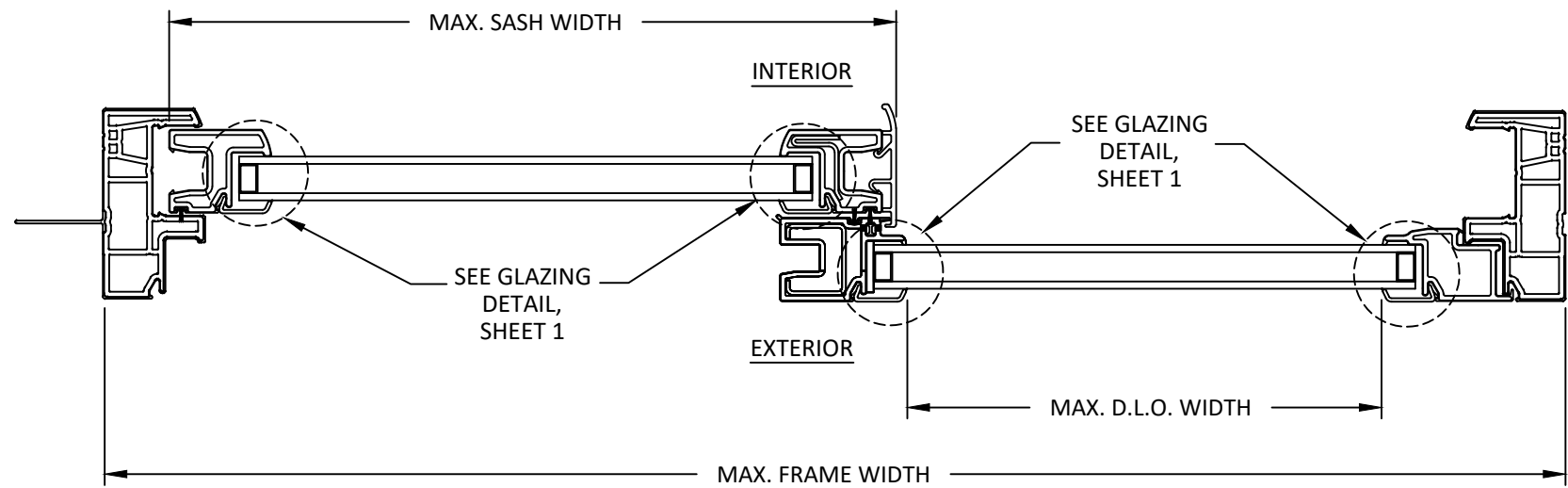
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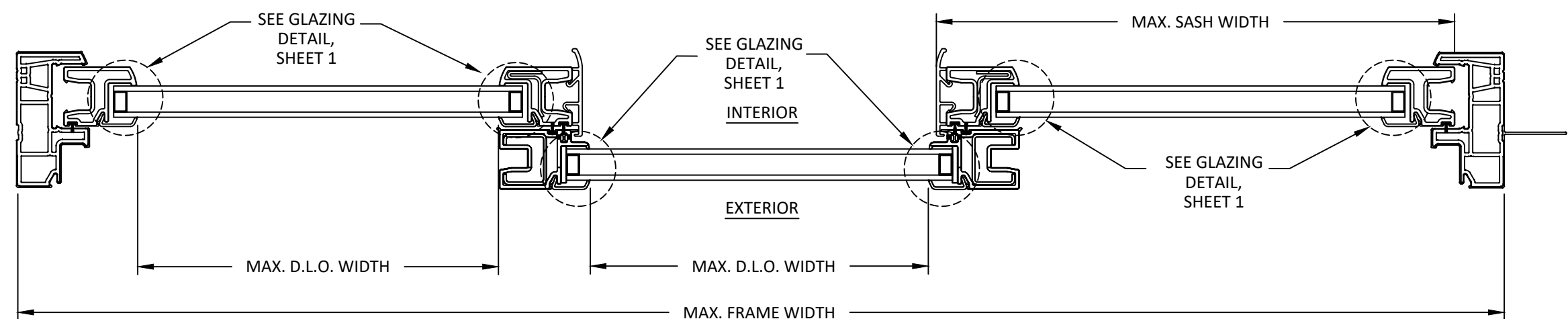
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E
5

HORIZONTAL SECTION

OPERABLE TO FIXED
NAIL FIN / TROUGH FRAME INSTALLATION



F
5

HORIZONTAL SECTION

OPERABLE TO FIXED TO OPERABLE
NAIL FIN / TROUGH FRAME INSTALLATION



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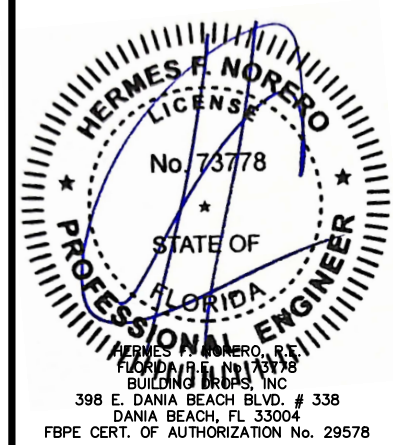
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HORIZONTAL SECTIONS

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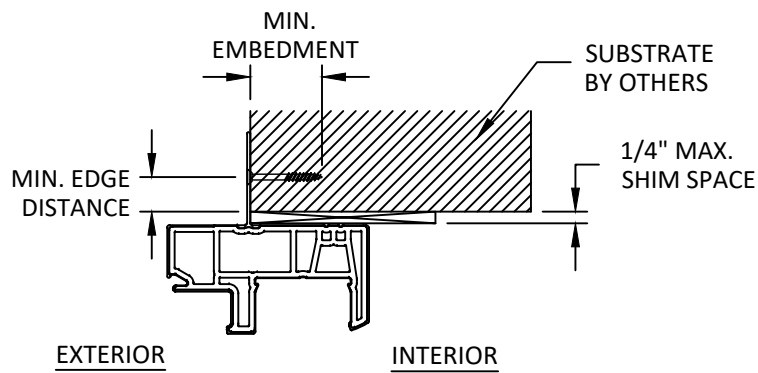
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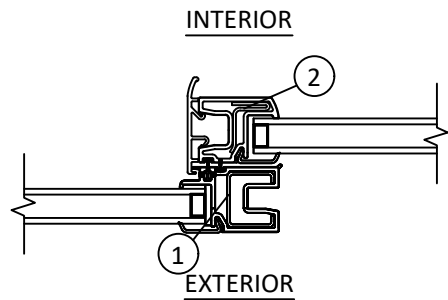


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JA	HFN
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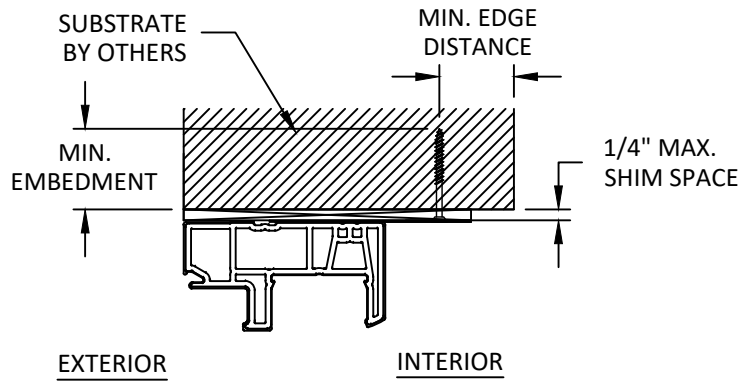
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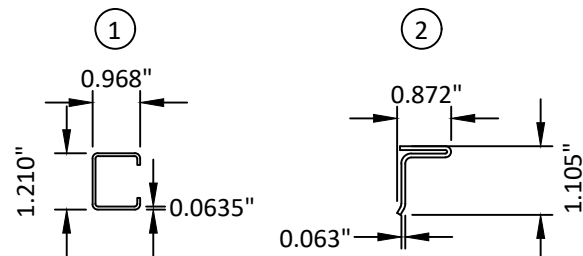
G
6 **VERTICAL SECTION**
NAIL FIN (HEAD)
SILL & JAMB HAVE SIMILAR DETAIL



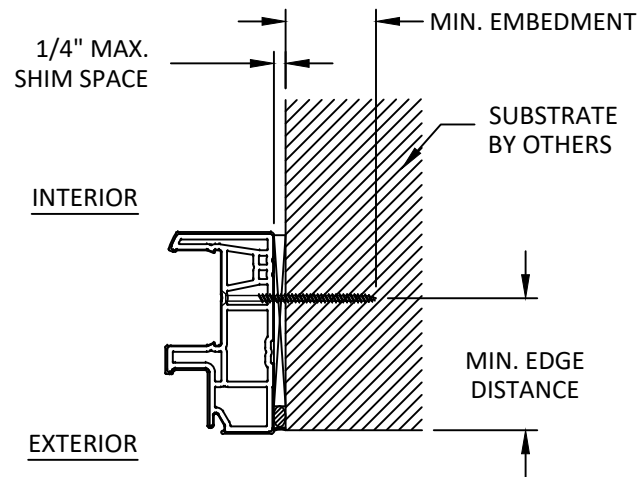
J
6 **HORIZONTAL SECTION**
INTERLOCK



H
6 **VERTICAL SECTION**
INSTALLATION CLIP (HEAD)
SILL HAS SIMILAR DETAIL



INTERLOCK REINFORCEMENTS
GALVANIZED STEEL



I
6 **HORIZONTAL SECTION**
THROUGH FRAME (JAMB ONLY)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE SPECIFIED.
- 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 NAIL FIN INSTALLATION QUANTITY OF SHIMS TO BE USED TO MAINTAIN PLUM AND LEVEL OF WINDOWS.
- FOR MASONRY OR CONCRETE OPENINGS, A 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
NAILING FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW PAN HEAD	1.5"	0.75"
	WOOD: MIN. SG = 0.55	8D COMMON NAIL	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
THROUGH FRAME/INSTALLATION CLIP	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#10 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.25"	2.25"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1"	2"



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ANCHOR DETAILS, INSTALLATION NOTES, REINFORCEMENTS, & ANCHOR SCHEDULE

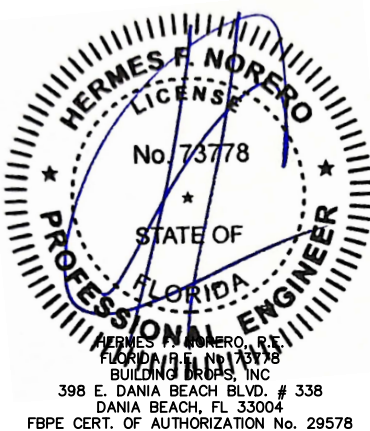
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HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL15907**

DATE: **06.22.2018**

DWG. BY: JA	CHK. BY: HFN
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SCALE: **NTS**

DWG. #: **AWD240**

SHEET:

6

OF 6