

11/24/2020 1:58 PM

SOUTHEASTERN DOOR COMPANY

ATLAS HP SERIES SLIDING GLASS DOOR (HVHZ) (NON-IMPACT)



SOUTHEASTERN DOOR COMPANY

1505 COMMERCE LANE
JUPITER, FL 33458
PH: (561) 746-5493

ATLAS HP SERIES
SLIDING GLASS DOOR
(HVHZ)(NON-IMPACT)

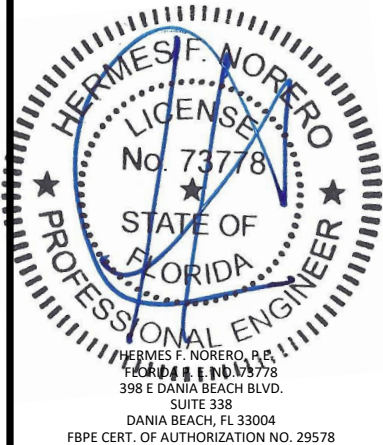
GENERAL NOTES &
GLAZING DETAIL

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

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 #:
FL16271

DATE: **06.23.18**

DWG. BY:
HR

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **SDC001**

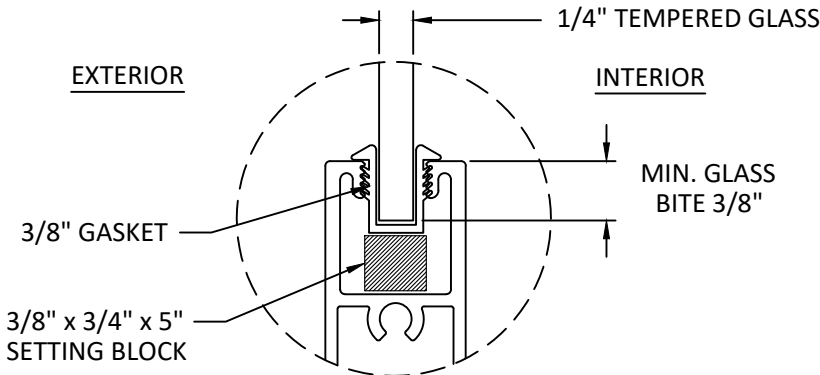
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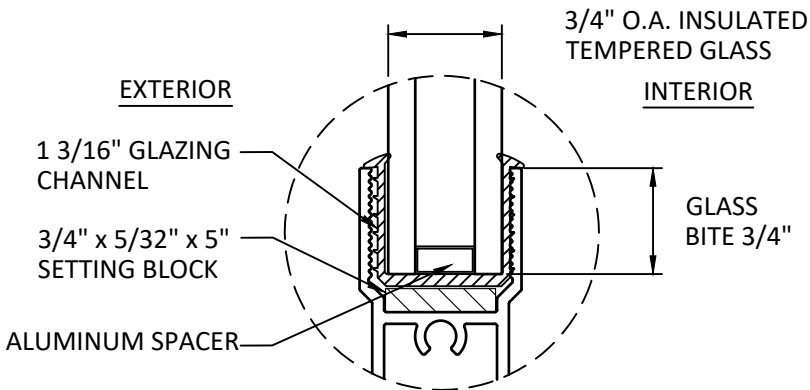
OF 14

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:
 - TAS 202-94
- 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 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- FRAME MATERIAL: ALUMINUM (6063-T6)
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



GLAZING DETAIL G1
MONOLITHIC GLASS



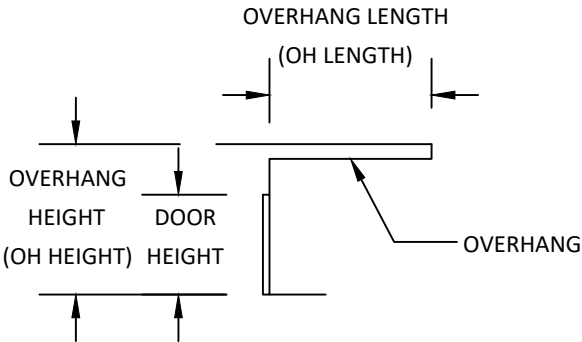
GLAZING DETAIL G2
INSULATED GLASS

GLAZING NOTES:

- GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E-1300 GLASS CHARTS REQUIREMENT.
- GLASS TYPE SHALL COMPLY WITH FBC SAFETY GLAZING REQUIREMENTS.
- SETTING BLOCK SHOULD BE 70-90 DUROMETER AS PER CH 24 OF THE CURRENT FBC.
- GLASS LITES THAT EXCEED 36" IN WIDTH SHALL USE SETTING BLOCKS AT 1/4 SPAN FROM CORNERS.

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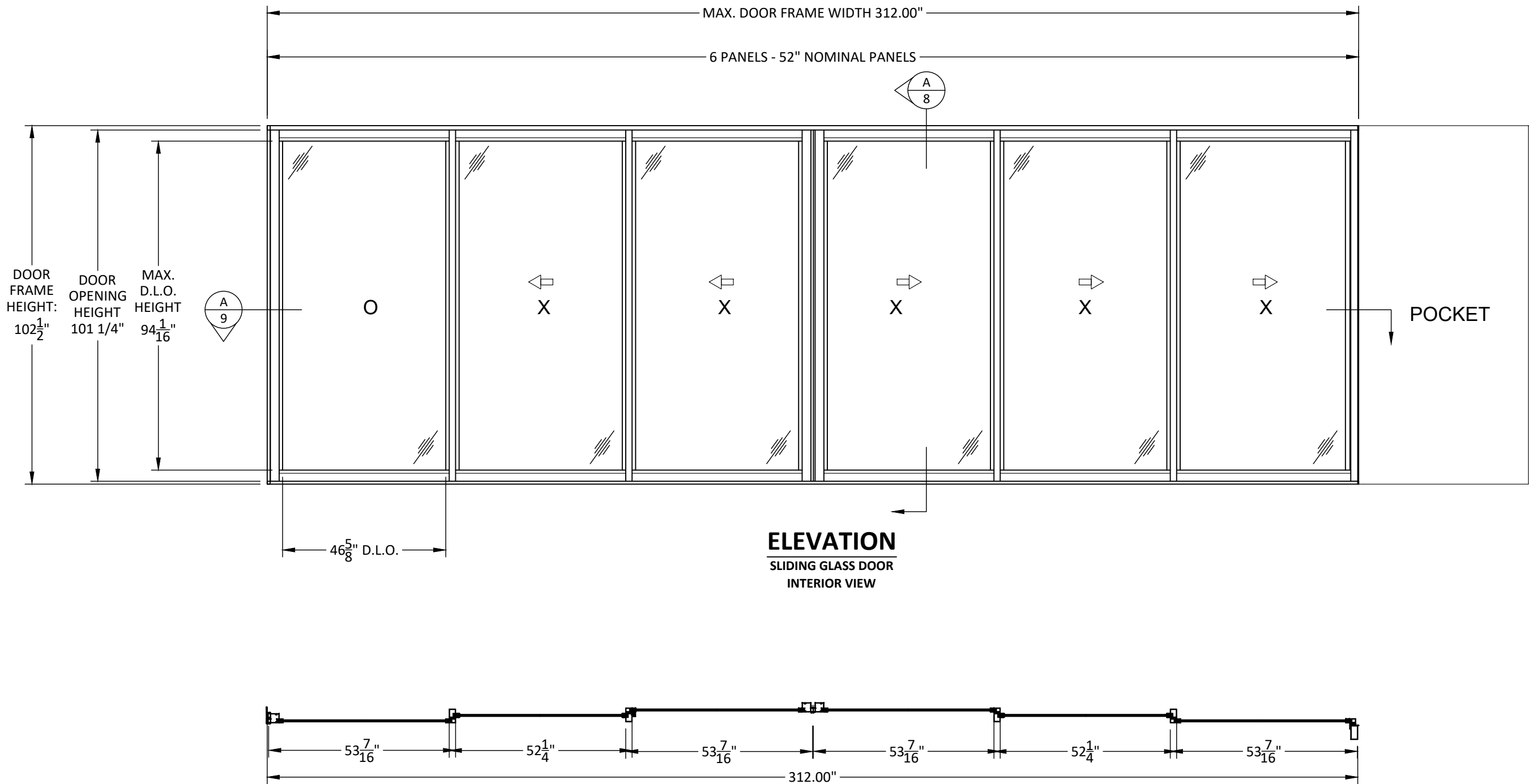
MAX OVERALL SIZE		CONFIG.	DESIGN PRESSURE	MISSILE IMPACT RATING	GLAZING
WIDTH	HEIGHT				
312"	102.5"	OXXXXXP	+50 / -75 PSF	NON-IMPACT	G1
312"	102.5"	OXXXXX	+50 / -75 PSF	NON-IMPACT	G1
288"	120.5"	OXXXXXP	+50 / -50 PSF	NON-IMPACT	G2



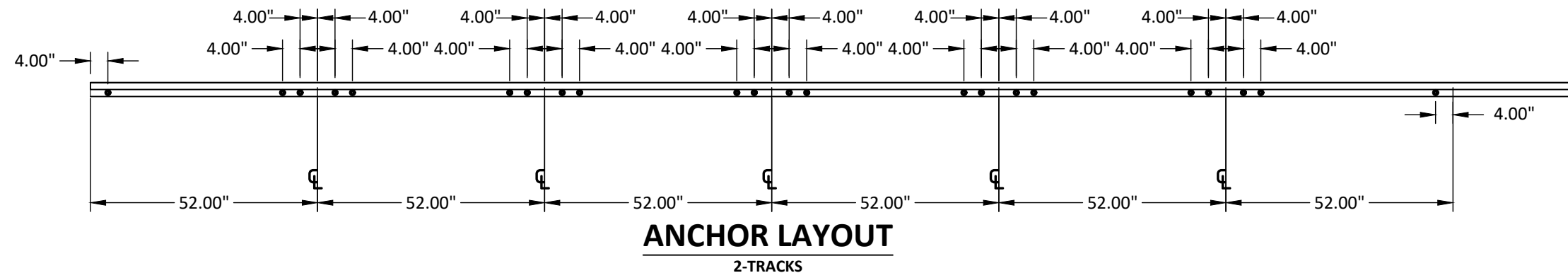
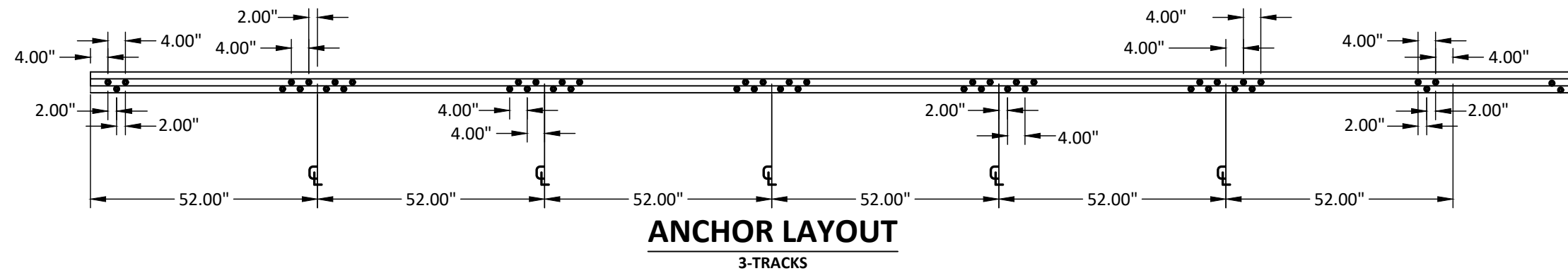
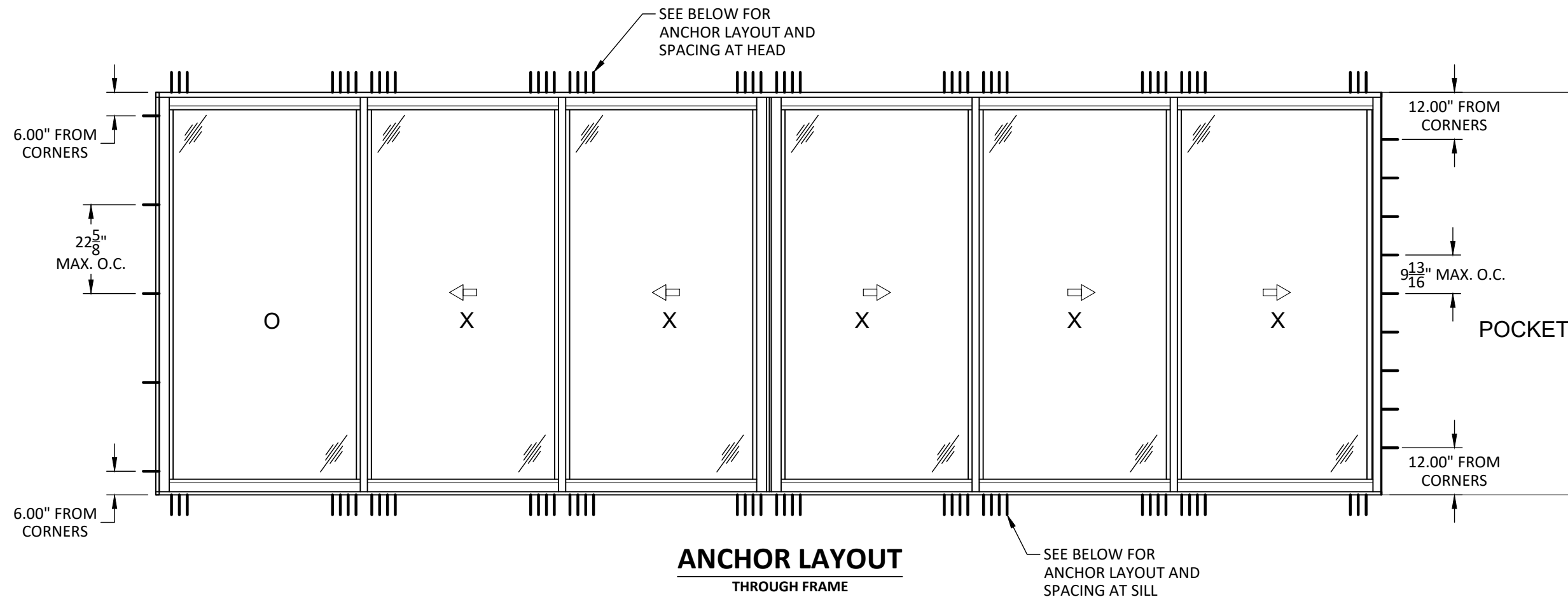
OVERHANG IN COMPLIANCE WITH THE FBC REQUIREMENTS. DOORS INSTALLED WHERE THE OVERHANG (OH) RATIO IS GREATER TO OR MORE THAN 1 NEED NOT TO BE TESTED FOR WATER INFILTRATION. THE OH RATIO SHALL BE CALCULATED BY THE FOLLOWING EQUATION
$$OH \text{ RATIO} = OH \text{ LENGTH} / OH \text{ HEIGHT} \geq 1.0$$

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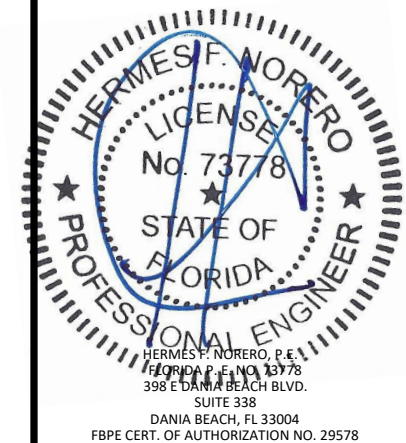
SOUTHEASTERN DOOR COMPANY

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PH: (561) 746-5493

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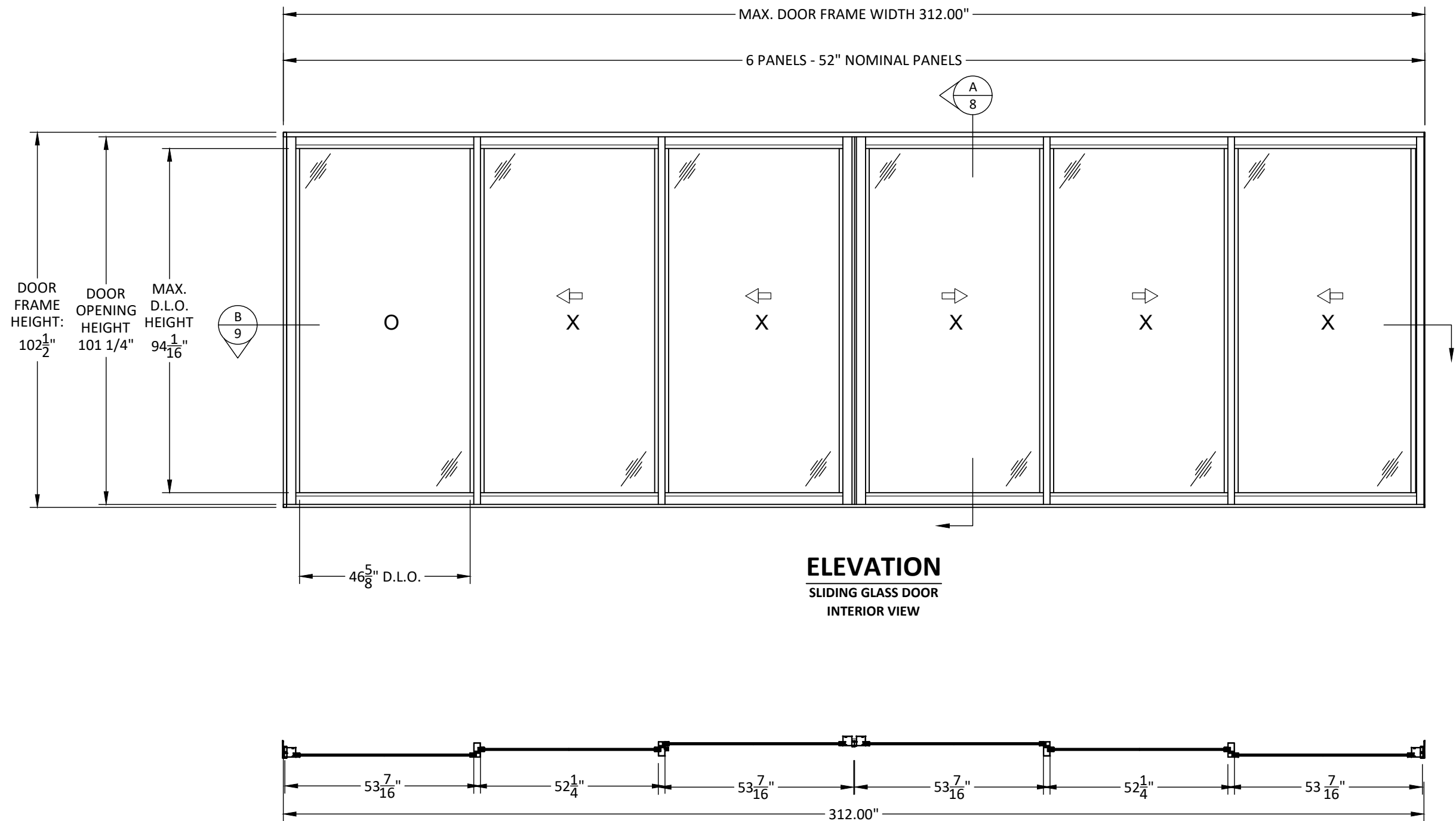
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SHEET:	3

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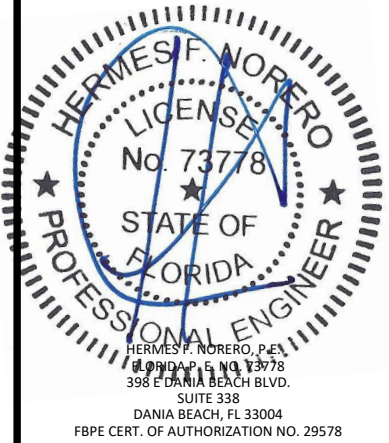
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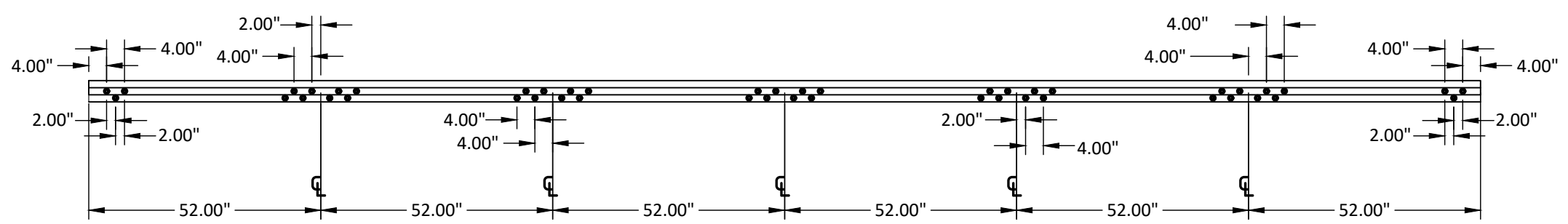
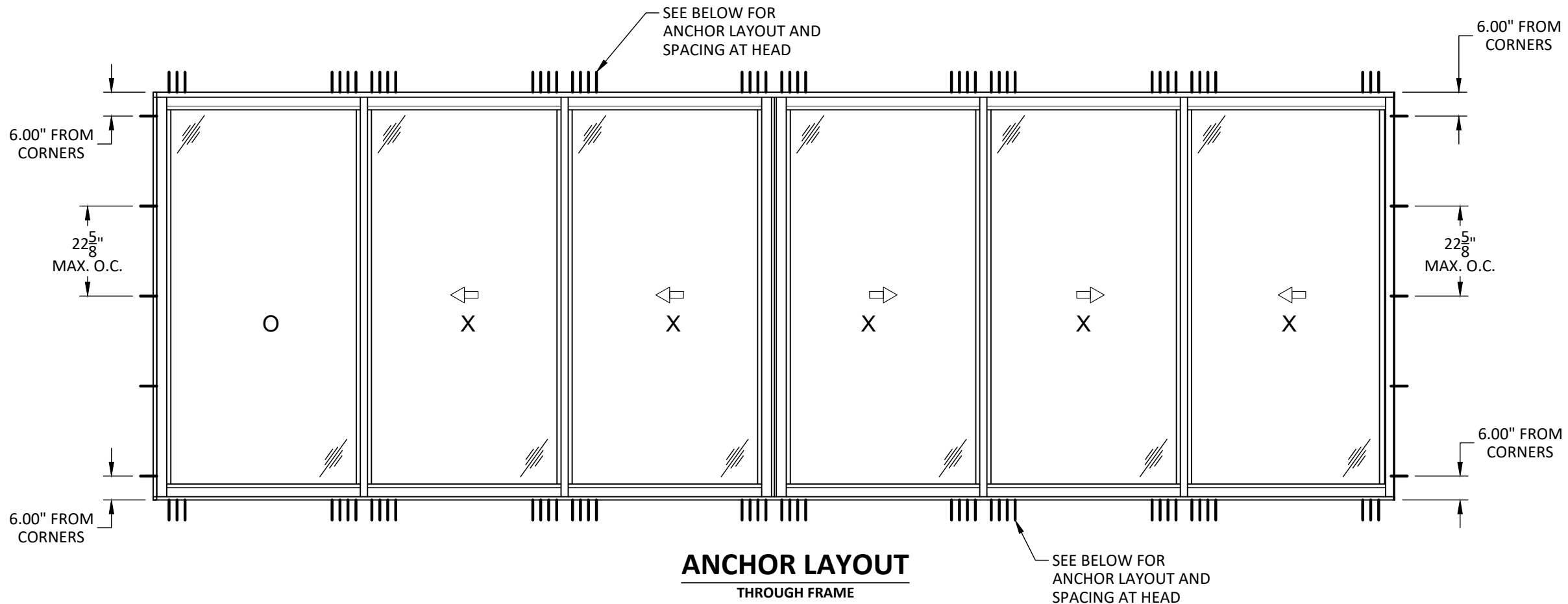
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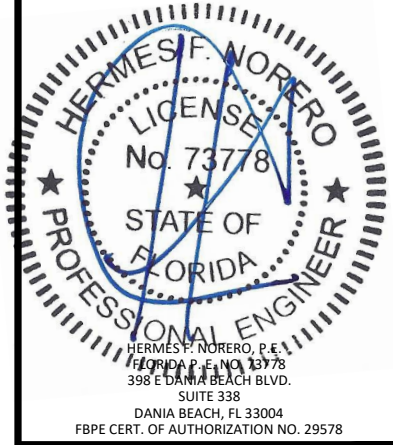
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HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
398 E DANIA BEACH BLVD.
SUITE 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

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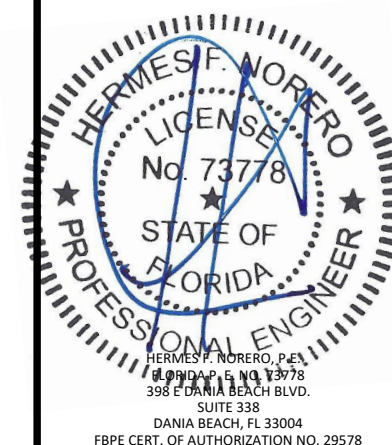
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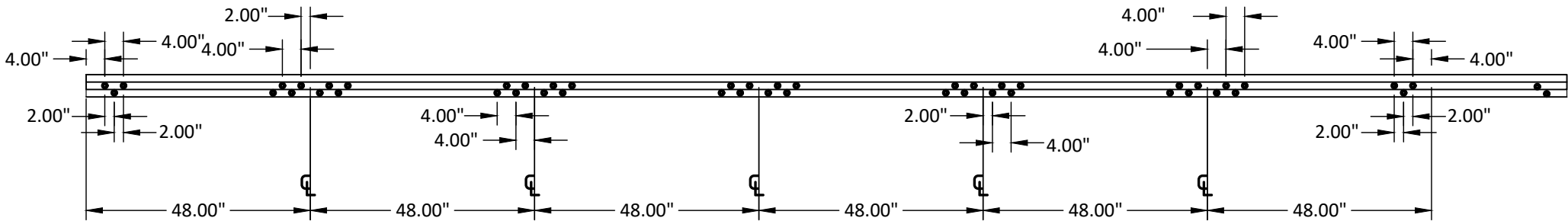
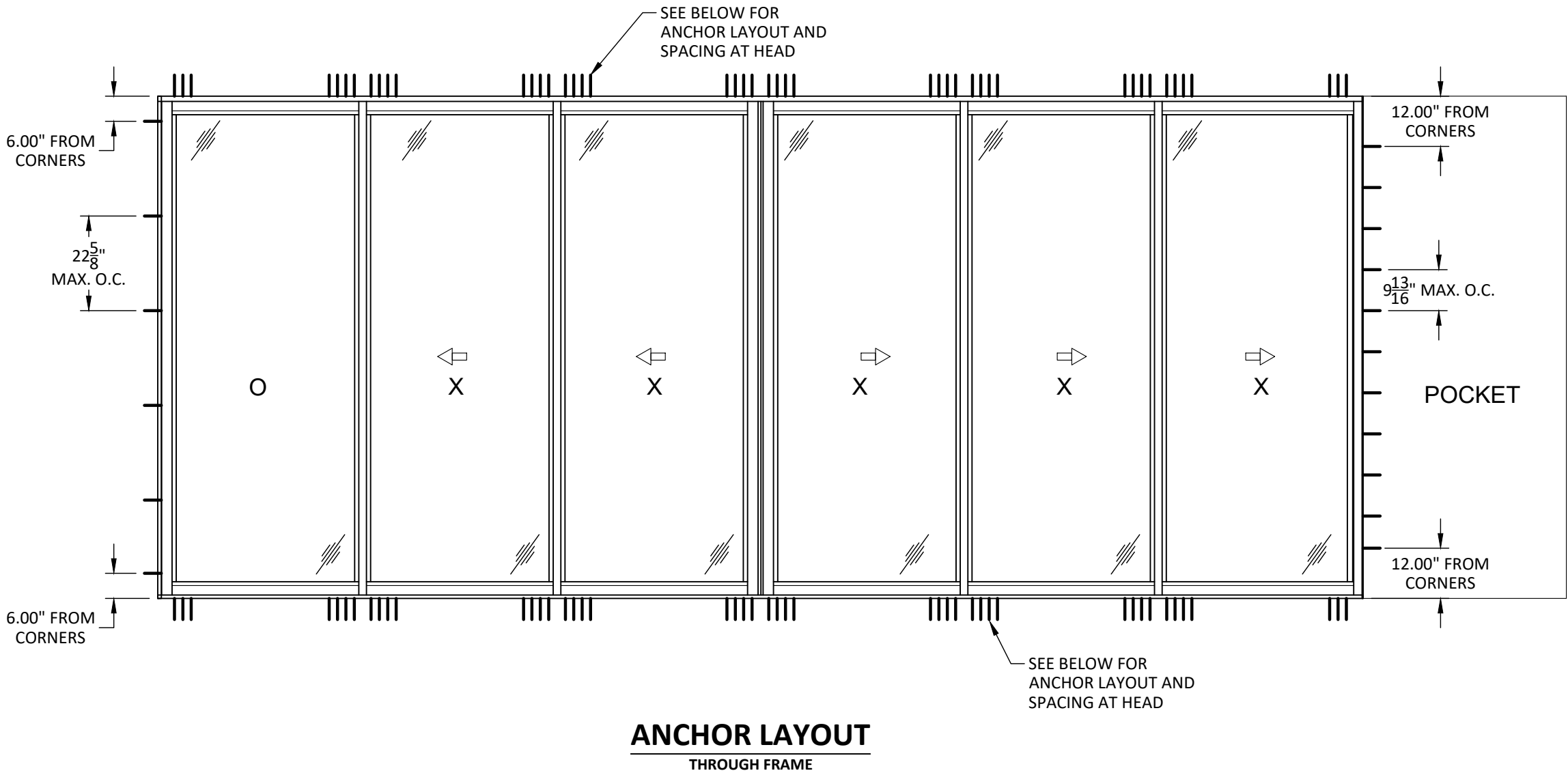
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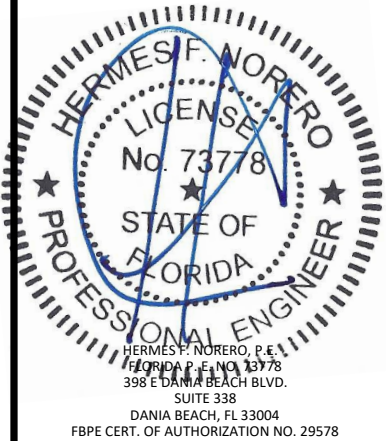
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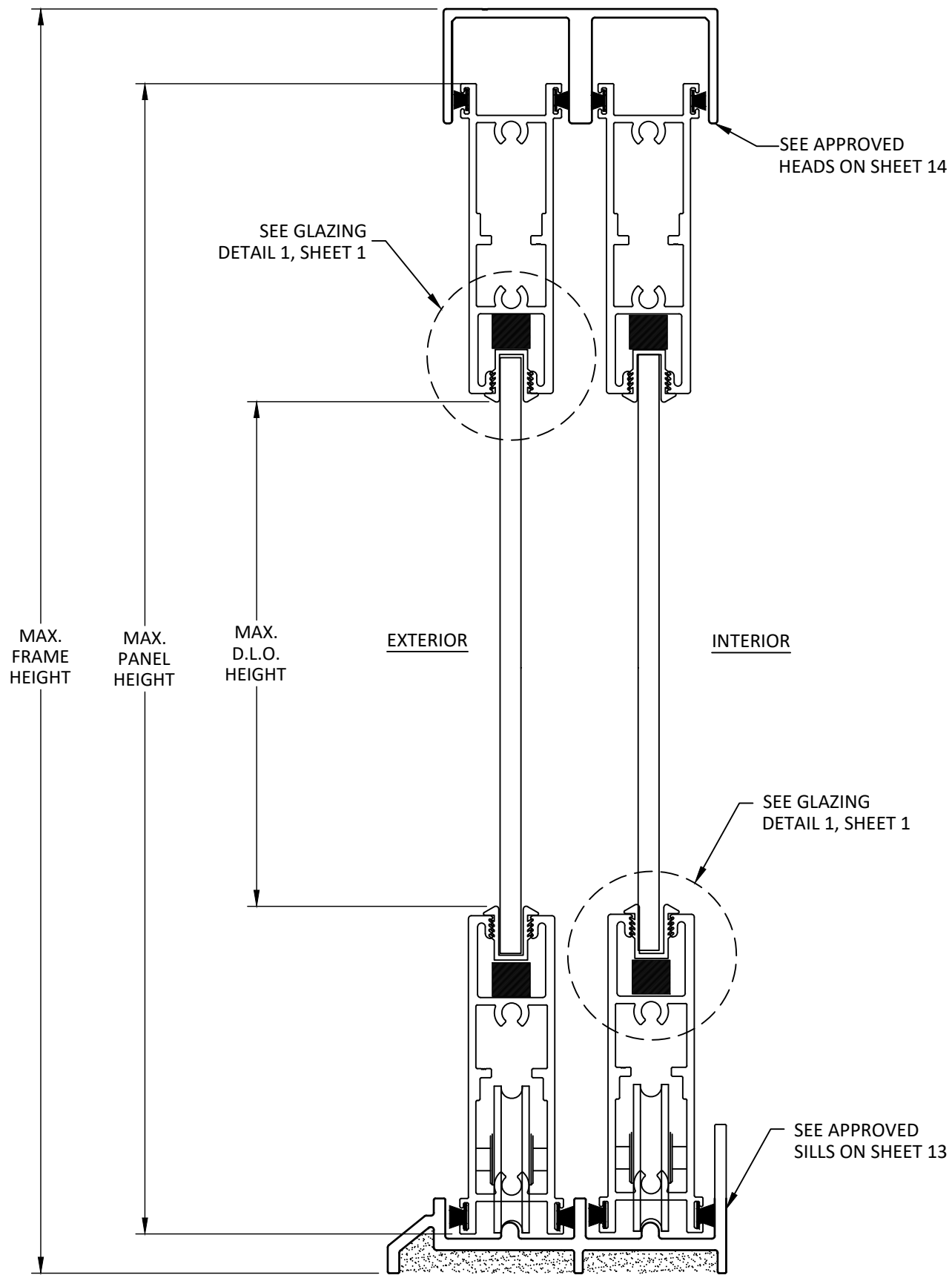
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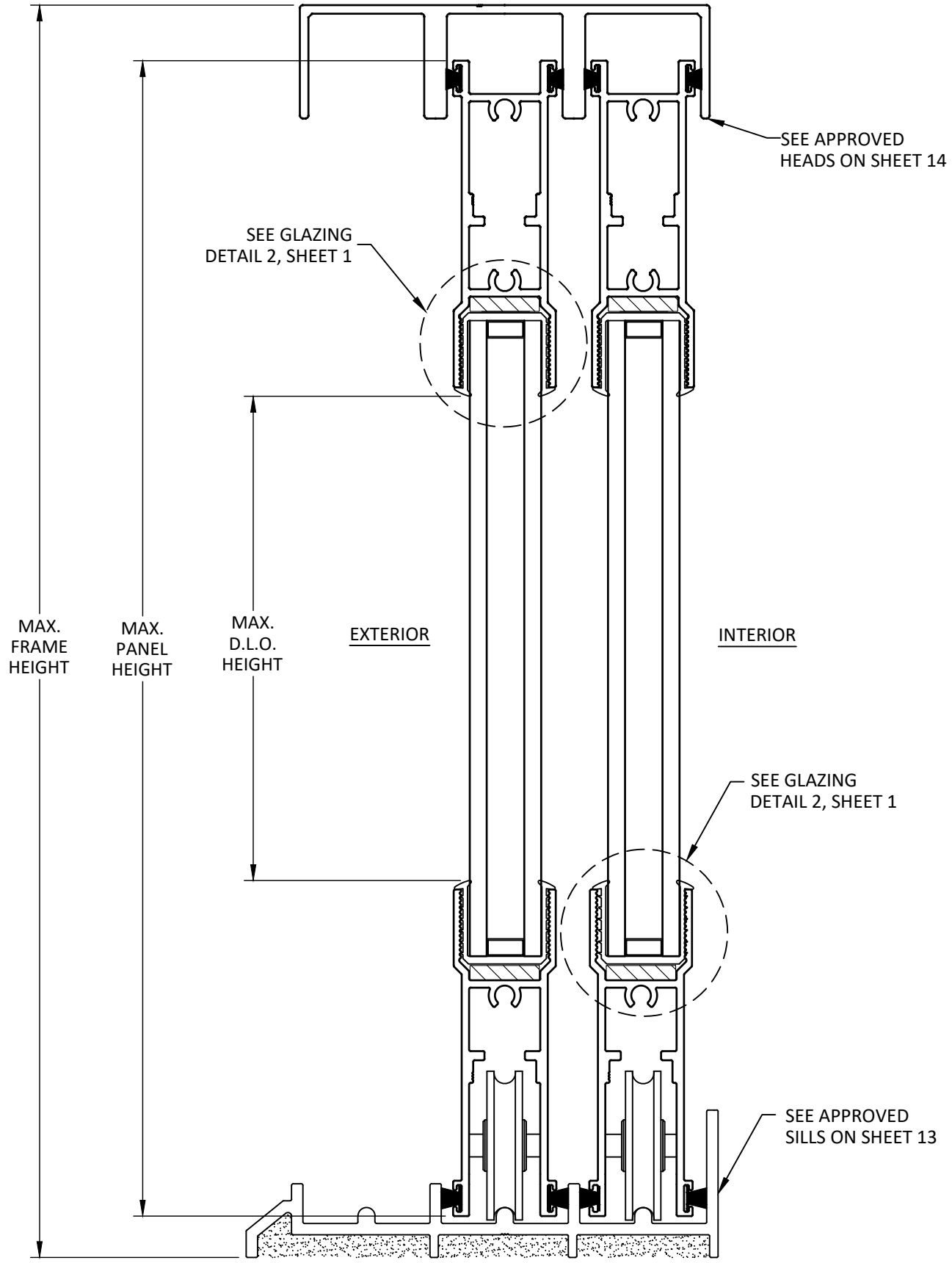
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A
8 **VERTICAL SECTION**
THROUGH FRAME INSTALLATION
MONOLITHIC GLASS



B
8 **VERTICAL SECTION**
THROUGH FRAME INSTALLATION
INSULATED GLASS



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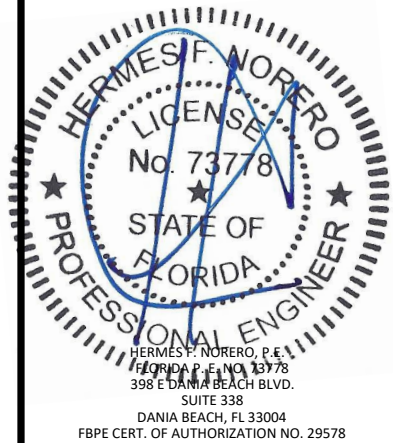
VERTICAL SECTIONS

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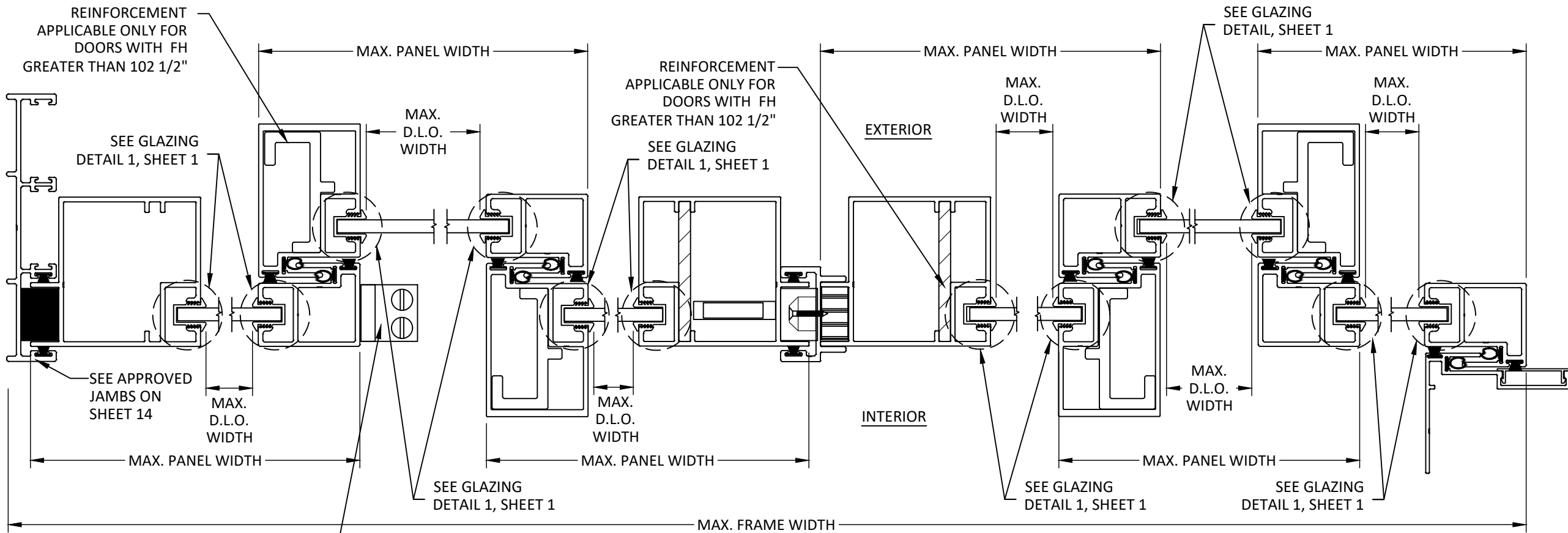
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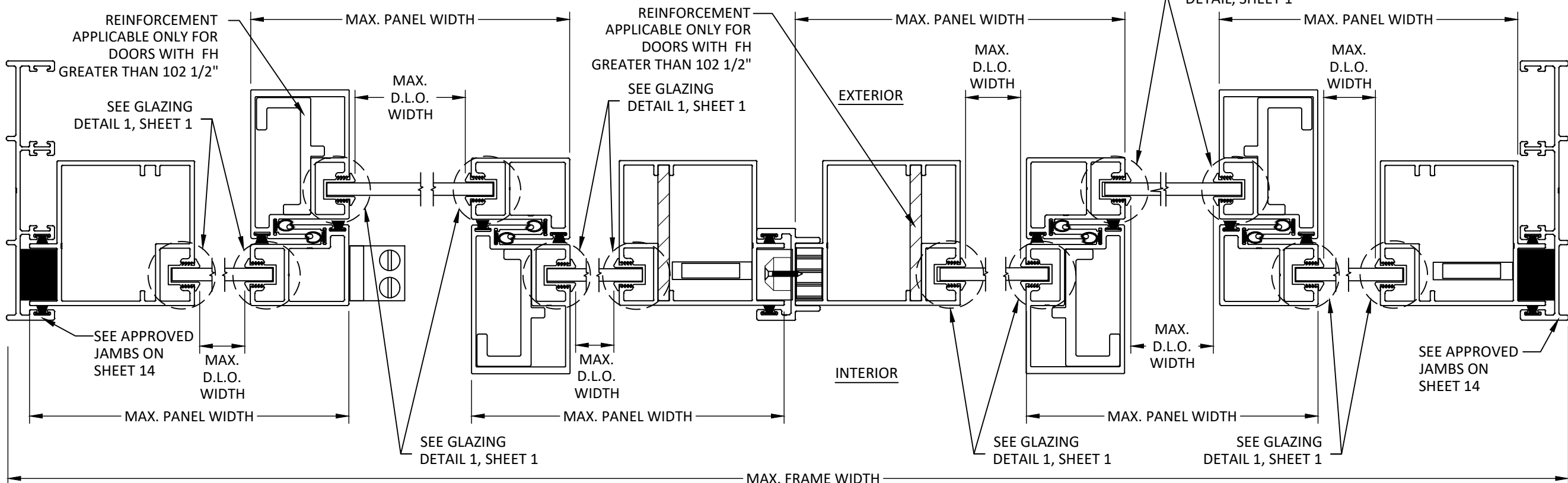
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A
9 **HORIZONTAL SECTION**
THROUGH FRAME INSTALLATION
MONOLITHIC GLASS



B
9 **HORIZONTAL SECTION**
THROUGH FRAME INSTALLATION
MONOLITHIC GLASS



SOUTHEASTERN DOOR COMPANY

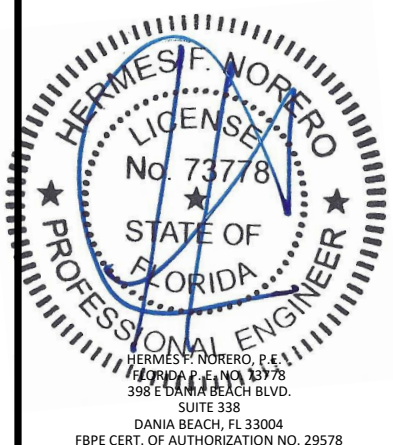
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HORIZONTAL SECTIONS

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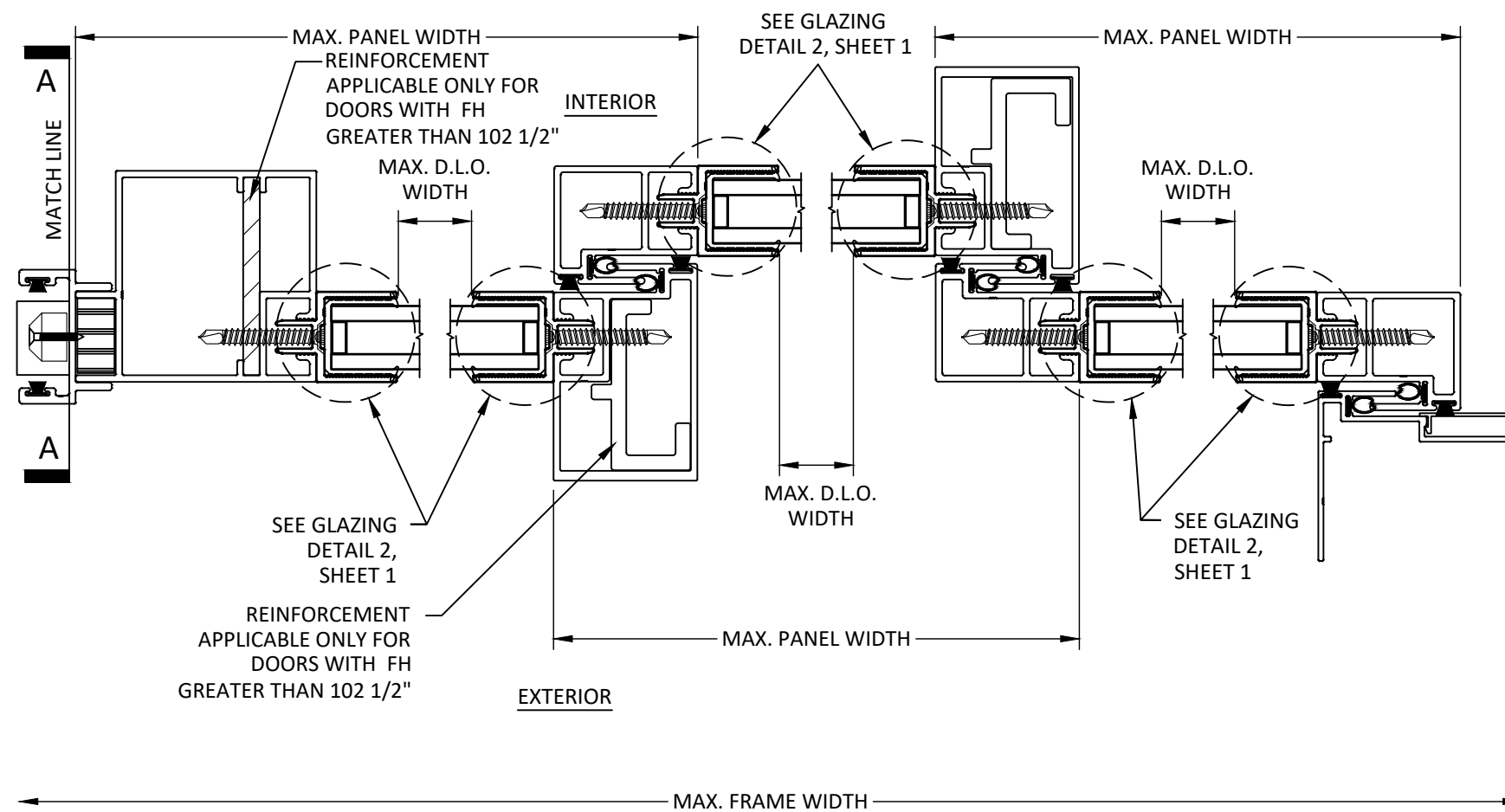
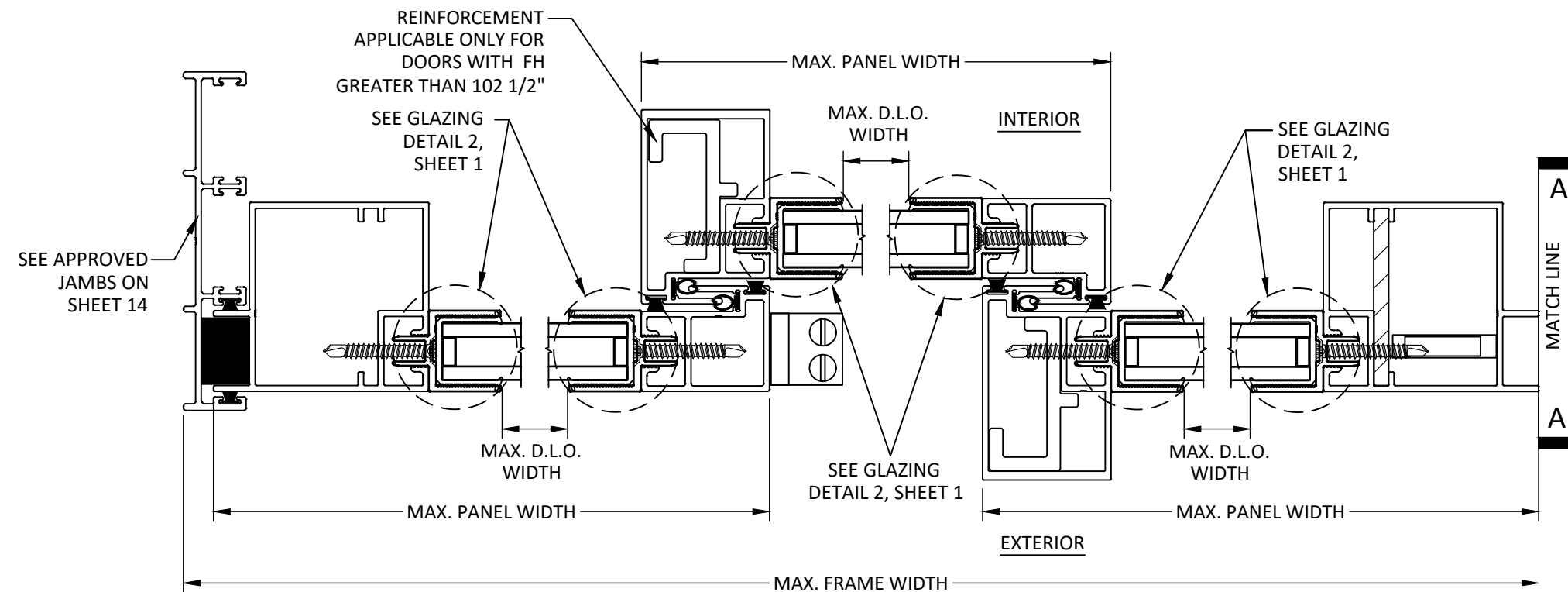
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A **10** **HORIZONTAL SECTION** THROUGH FRAME INSTALLATION INSULATED GLASS



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HORIZONTAL SECTIONS

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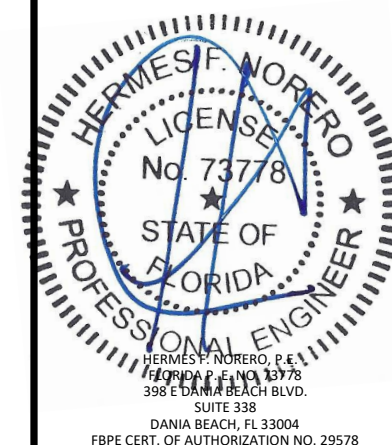
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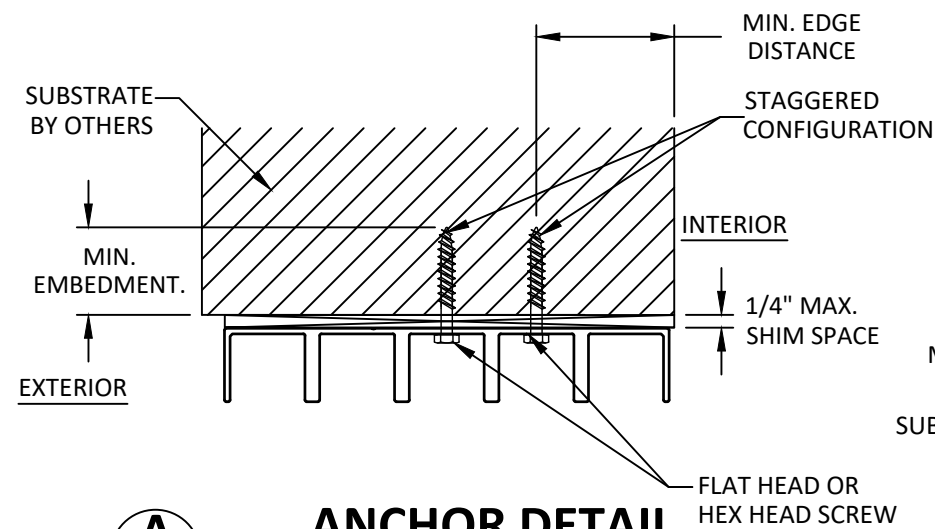
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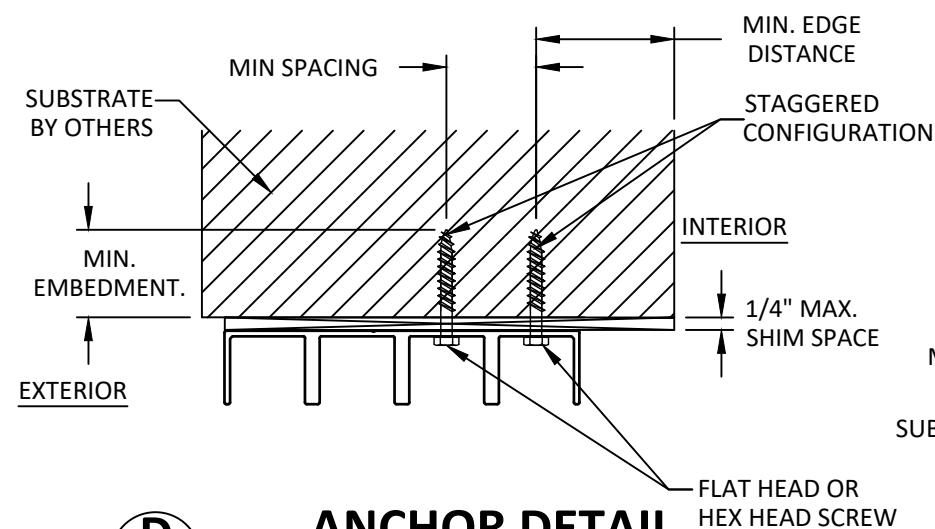
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A
11

ANCHOR DETAIL

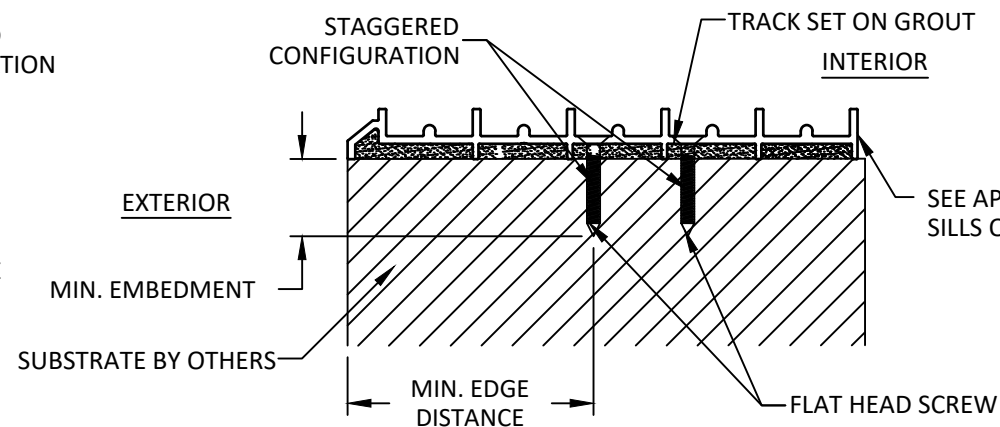
THROUGH FRAME (HEAD)
5 TRACKS



D
11

ANCHOR DETAIL

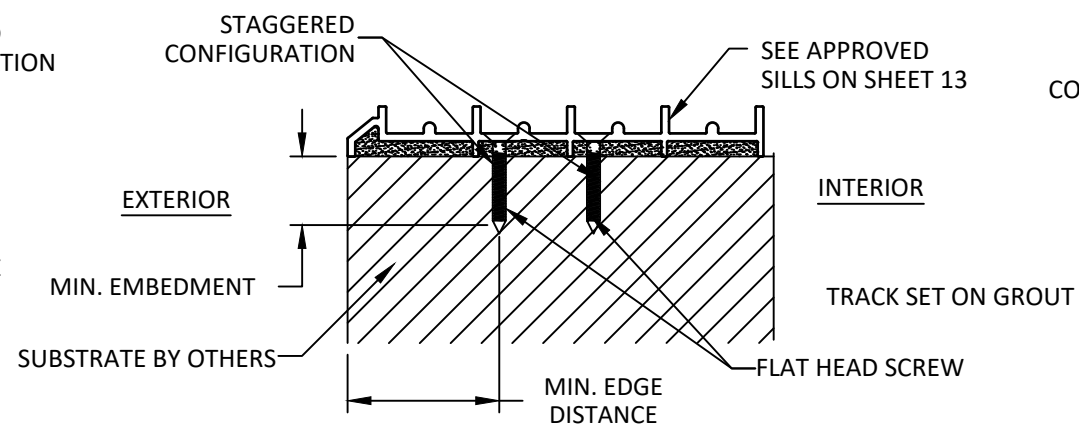
THROUGH FRAME (HEAD)
4 TRACKS



B
11

ANCHOR DETAIL

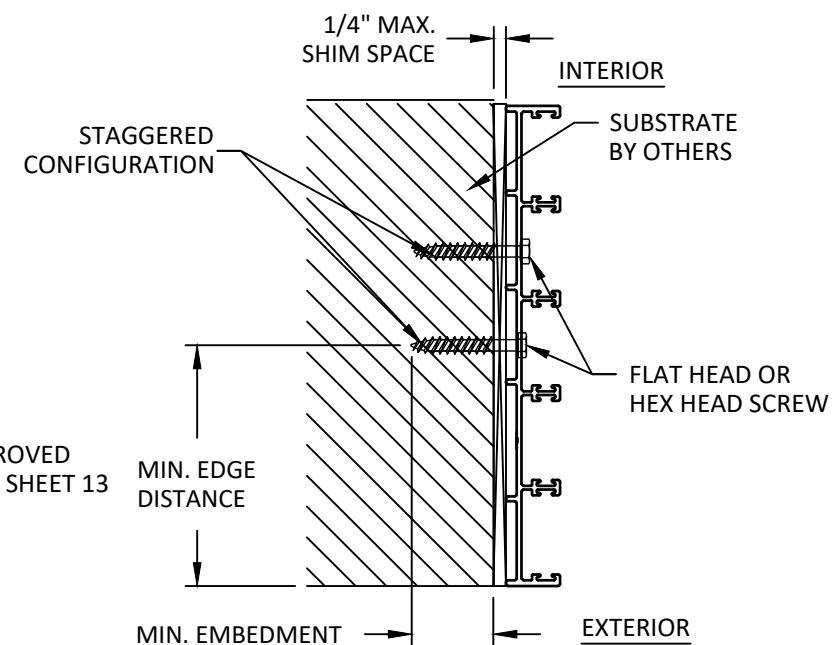
THROUGH FRAME (SILL)
5 TRACKS



E
11

ANCHOR DETAIL

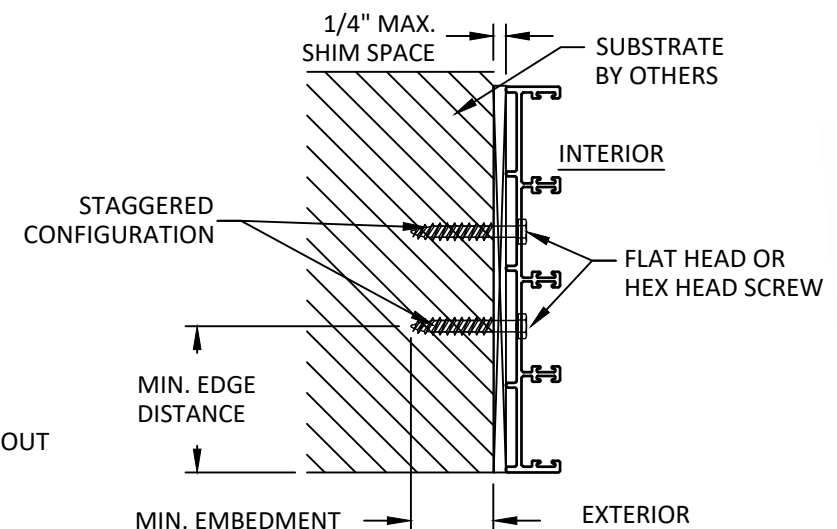
THROUGH FRAME (SILL)
4 TRACKS



C
11

ANCHOR DETAIL

THROUGH FRAME (JAMB)
5 TRACKS



F
11

ANCHOR DETAIL

THROUGH FRAME (JAMB)
4 TRACKS

NOTE: ANCHORS CAN BE
PLACED IN ANY SECTION
OF THE TRACK AS LONG AS
THE EDGE DISTANCE IS
MAINTAINED



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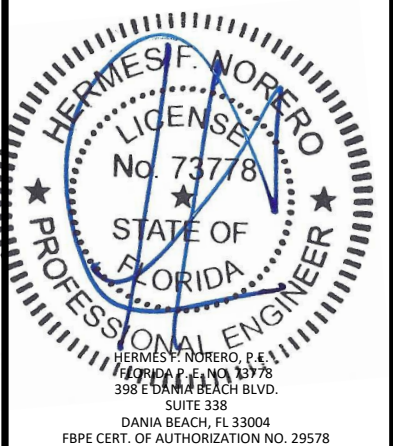
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DETAILS & SCHEDULE

PREPARED BY:

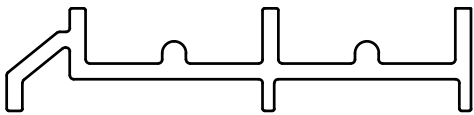
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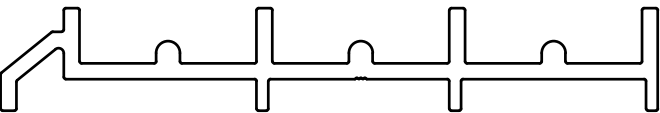
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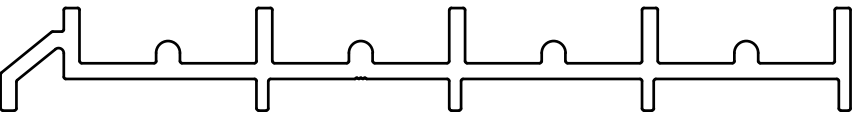
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DWG. #:	SDC001
SHEET:	11



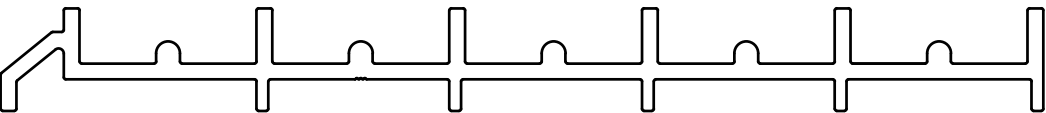
3.2 13/16" SILL - 2 TRACK



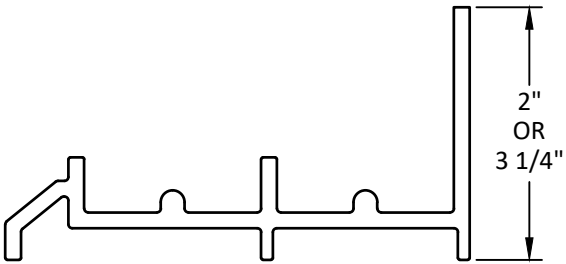
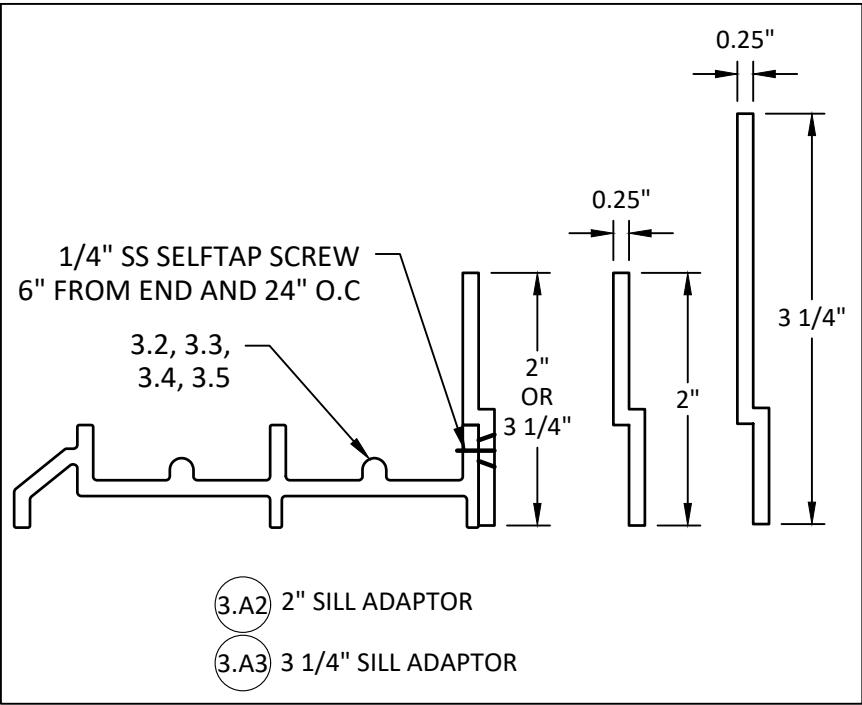
3.3 13/16" SILL - 3 TRACK



3.4 13/16" SILL - 4 TRACK

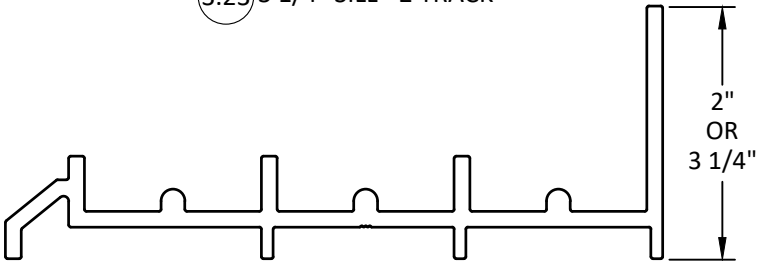


3.5 13/16" SILL - 5 TRACK



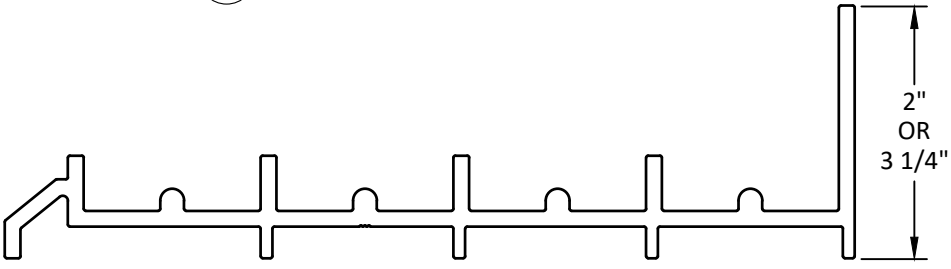
3.22 2" SILL - 2 TRACK

3.23 3 1/4" SILL - 2 TRACK



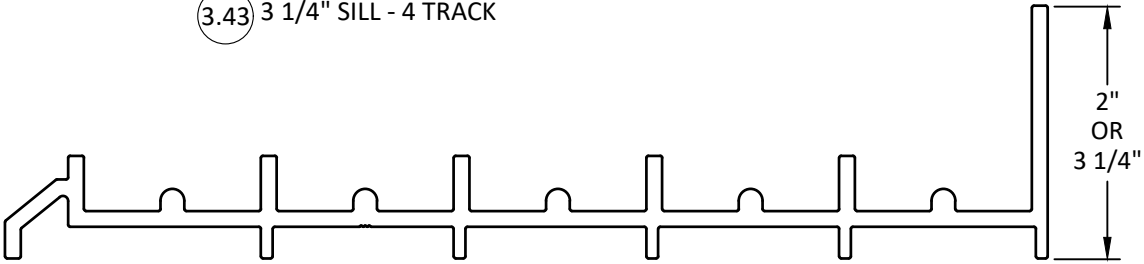
3.32 2" SILL - 3 TRACK

3.33 3 1/4" SILL - 3 TRACK



3.42 2" SILL - 4 TRACK

3.43 3 1/4" SILL - 4 TRACK



3.52 2" SILL - 4 TRACK

3.53 3 1/4" SILL - 4 TRACK



SOUTHEASTERN DOOR COMPANY

1505 COMMERCE LANE
JUPITER, FL 33458
PH: (561) 746-5493

TITLE:
ATLAS HP SERIES
SLIDING GLASS DOOR
(HVHZ)/(NON-IMPACT)

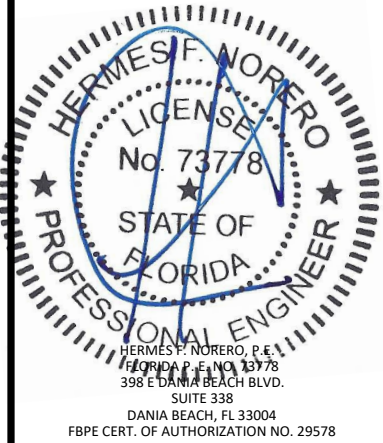
APPROVED SILL AND ADAPTERS

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

THE INSTALLATION DETAILS DESCRIBED HERE IN 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.



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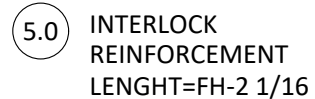
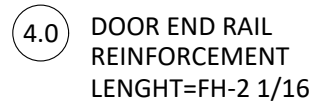
DATE: **06.23.18**

DWG. BY: **HR** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **SDC001**

SHEET:



APPROVED JAMBS AND HEADS

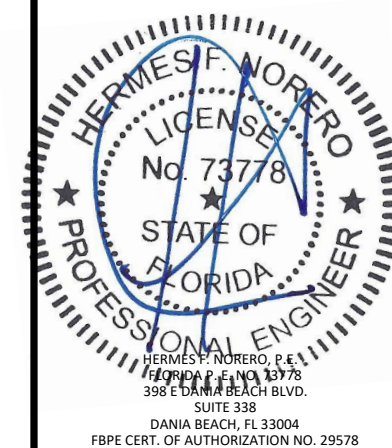
PREPARED BY:

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FL #:

FL16271

DATE: 06.23.18

DWG. BY:
HR

CHK. BY:	HFN
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SCALE: NTS

DWG. #: SDC001

SHEET:

14

OF 14