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UPWARDOR INC.

AL-976 & AL-SWD GARAGE DOOR

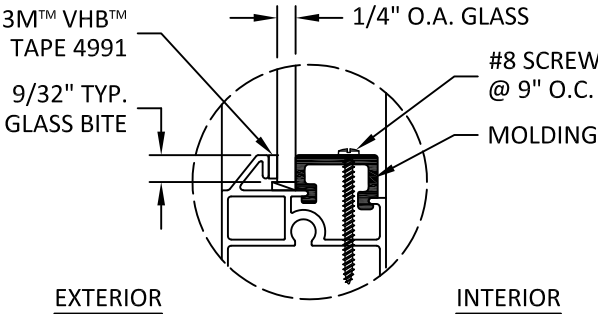
(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

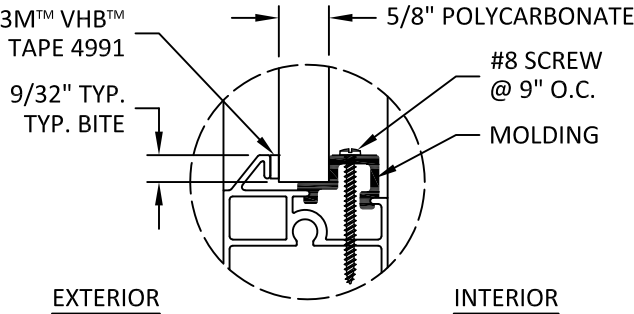
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **EXCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- ANSI/DASMA 108-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X 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 REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. RAIL & STILE MATERIAL: ALUMINUM 6063-T6.
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING AND INFILL DETAILS.

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SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND INFILL DETAILS
2	AL-976 ELEVATION AND OPENING DETAILS
3	AL-SWD ELEVATION
4	HARDWARE AND TRACK DETAILS
5	VERTICAL SECTIONS
6	HORIZONTAL SECTIONS
7	INSTALLATION NOTES AND DETAILS

DESIGN PRESSURE RATING		
DOOR DIMENSION	DESIGN PRESSURE	MISSILE RATING
SEE SHEETS 2 & 3	+46/- 52 PSF	NON-IMPACT



INFILL OPTION 1
GLAZING



INFILL OPTION 2
POLYCARBONATE

- GLAZING NOTES:
- GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - 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. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN SHEETS 1 TO 3.



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CANADA
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TITLE: AL-976 & AL-SWD GARAGE DOOR (NON-HVHZ) (NON-IMPACT)

GENERAL NOTES & INFILL DETAILS

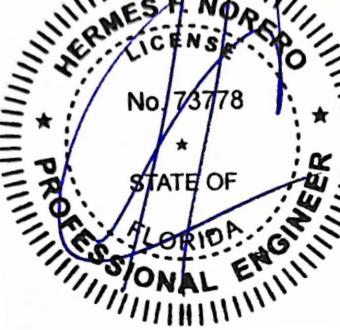
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FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.06.25 20:25:45 -0400



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FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL46868

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MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

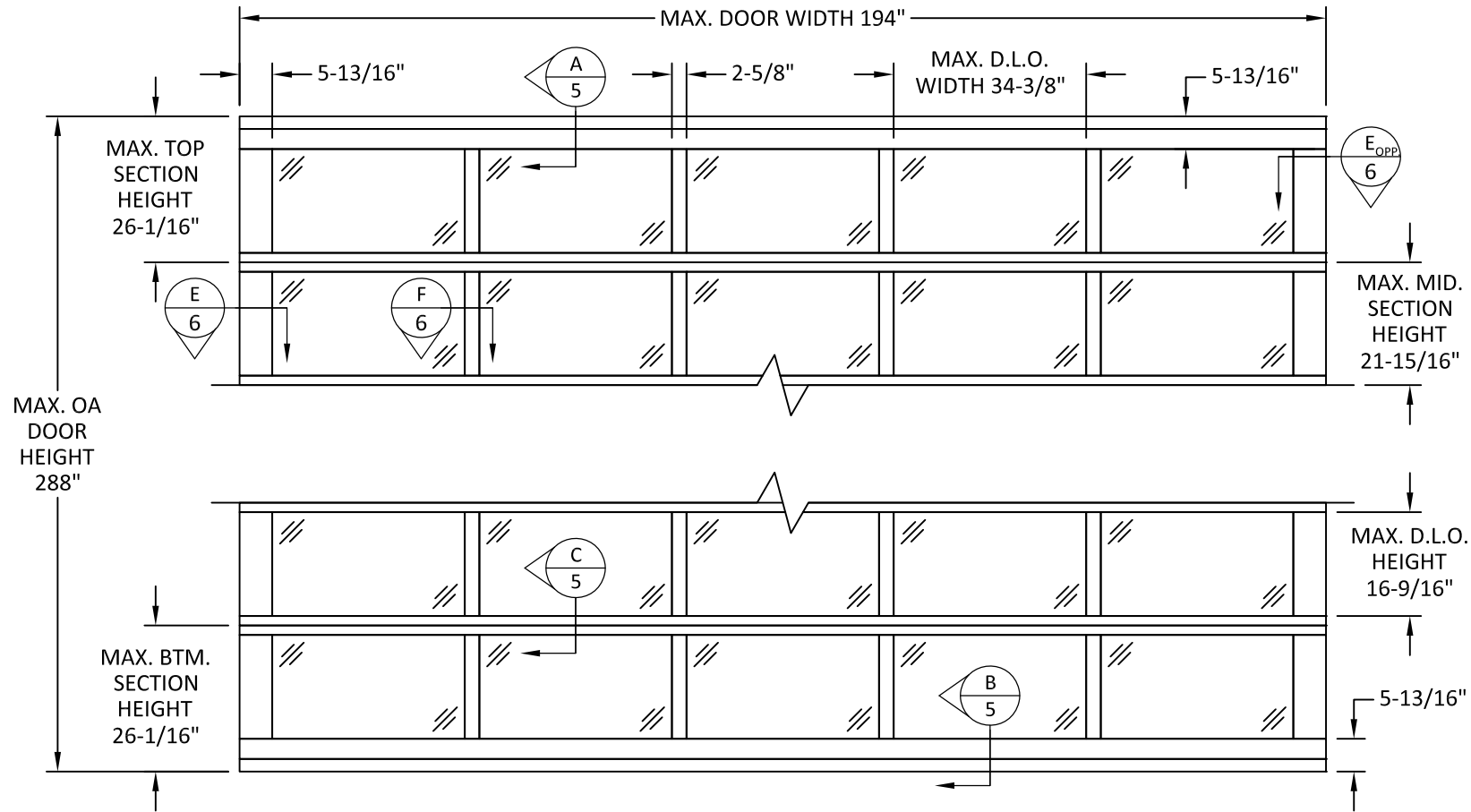
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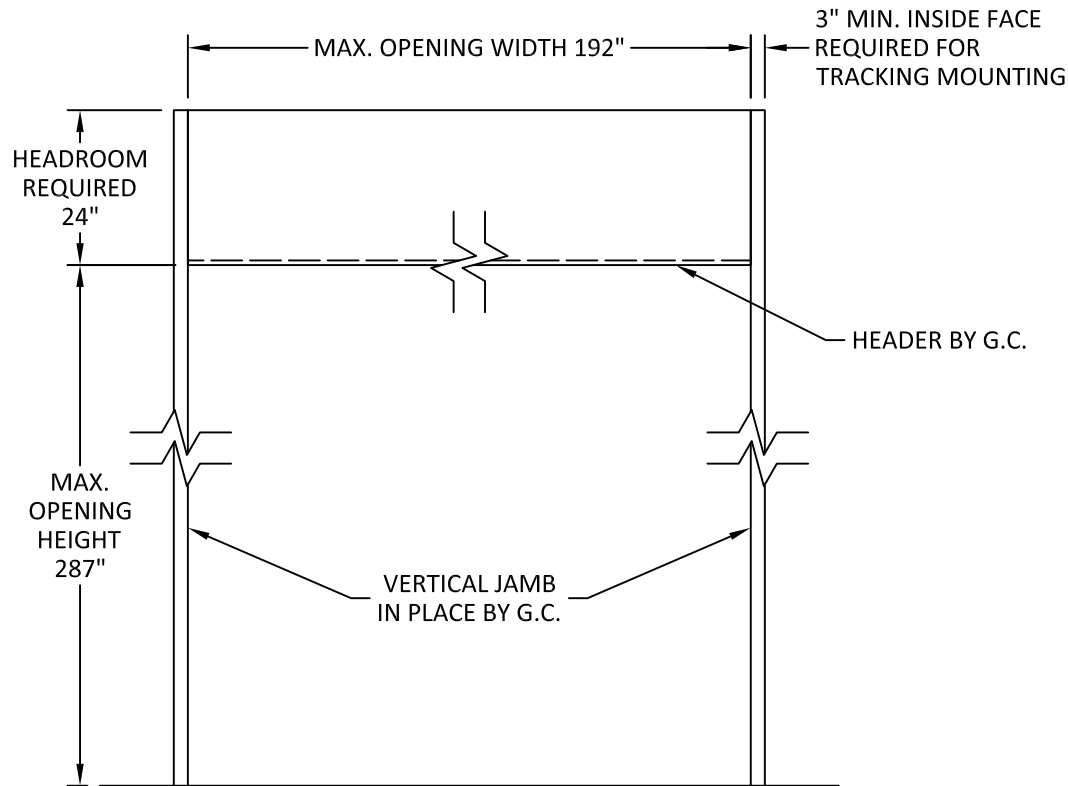
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AL-976 ELEVATION



TYPICAL OPENING DETAILS



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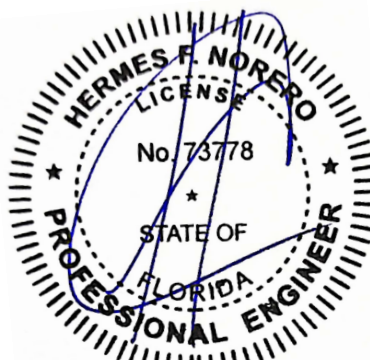
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AL-976 ELEVATION & OPENING DETAILS

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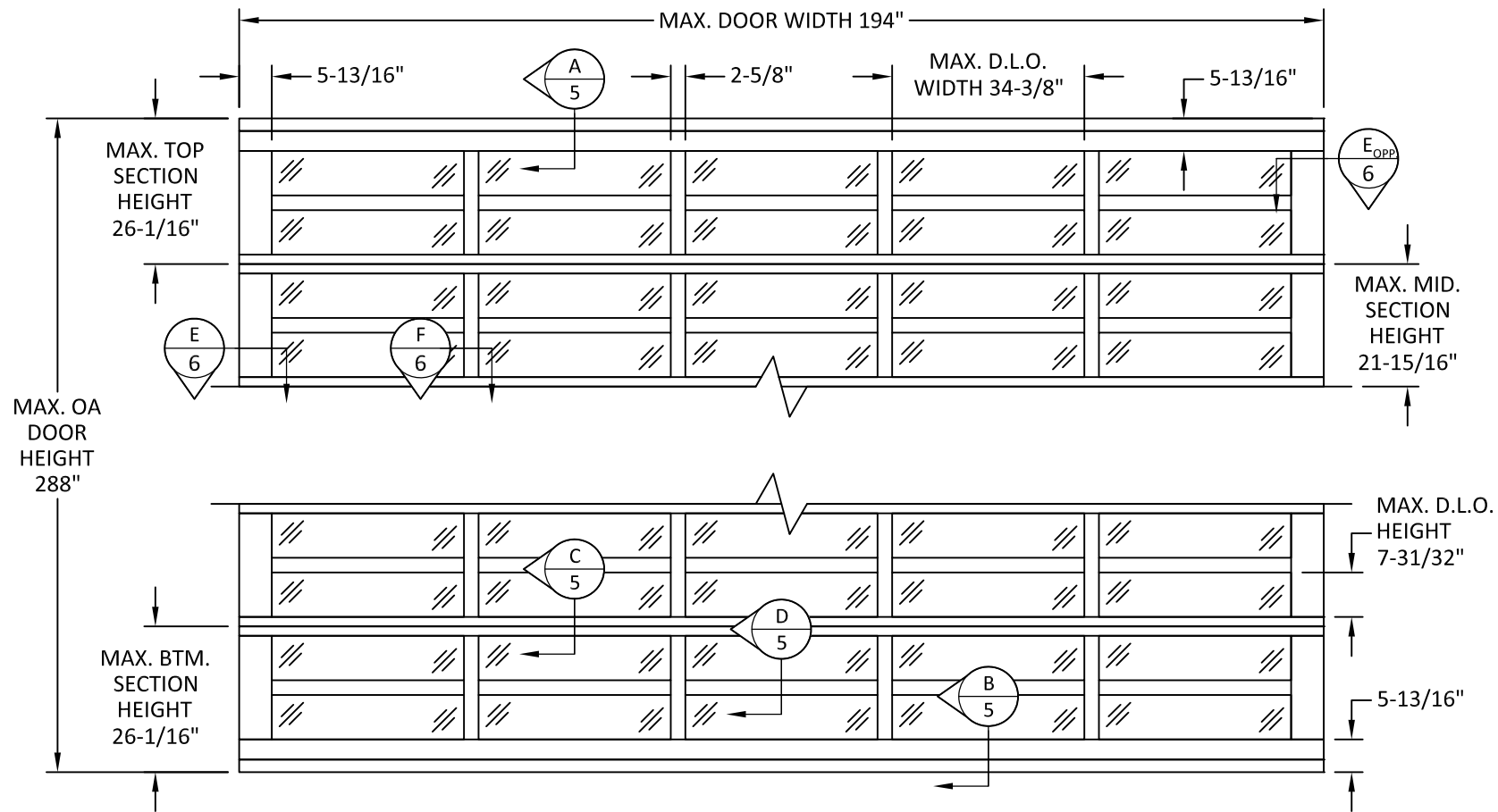
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AL-SWD ELEVATION

SEE SHEET 2 FOR TYPICAL OPENING.



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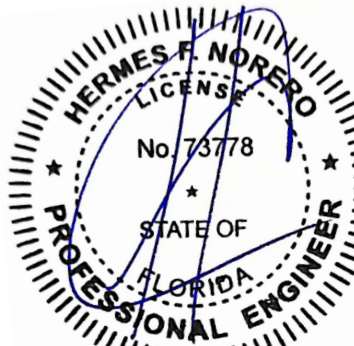
AL-SWD ELEVATION

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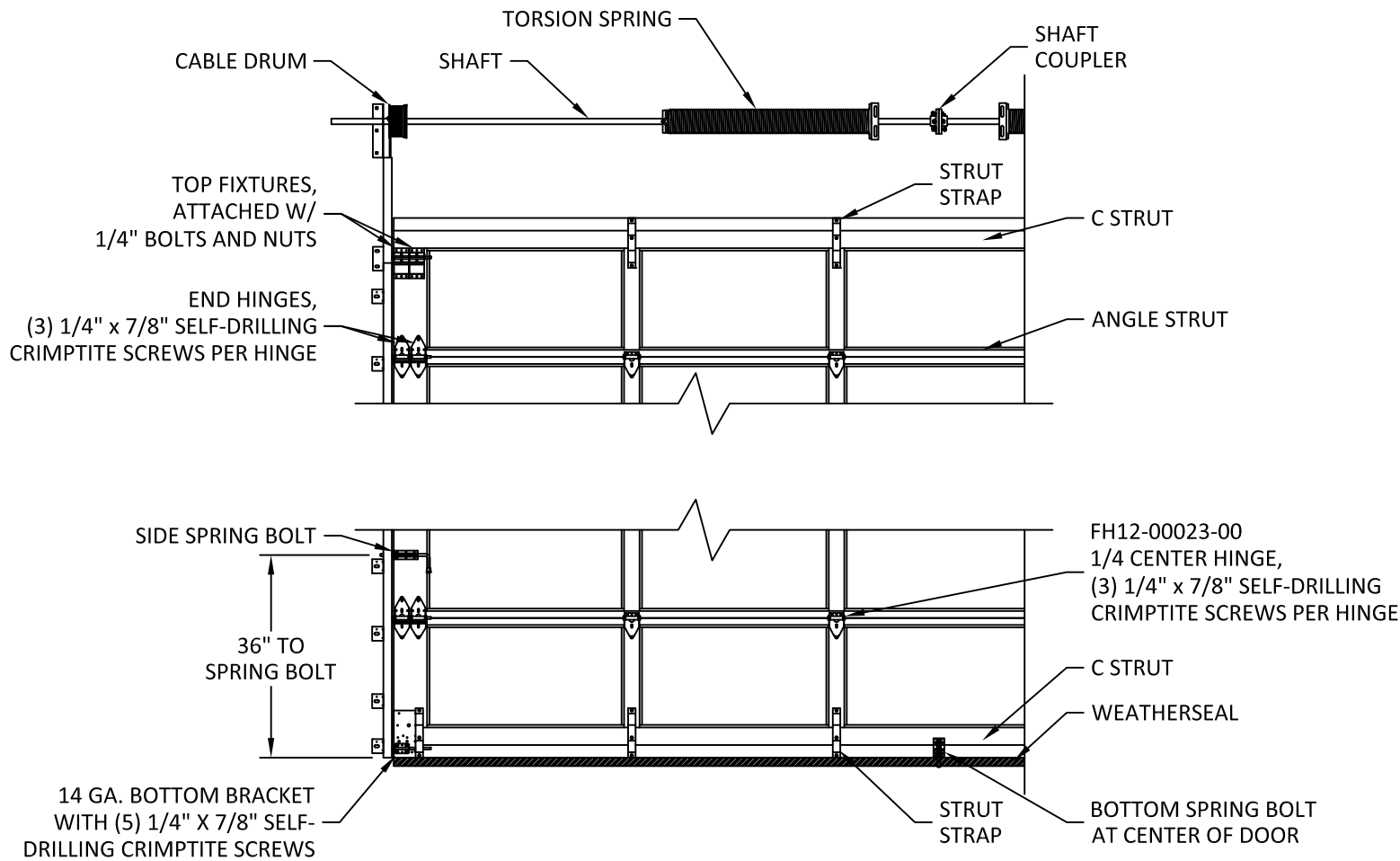
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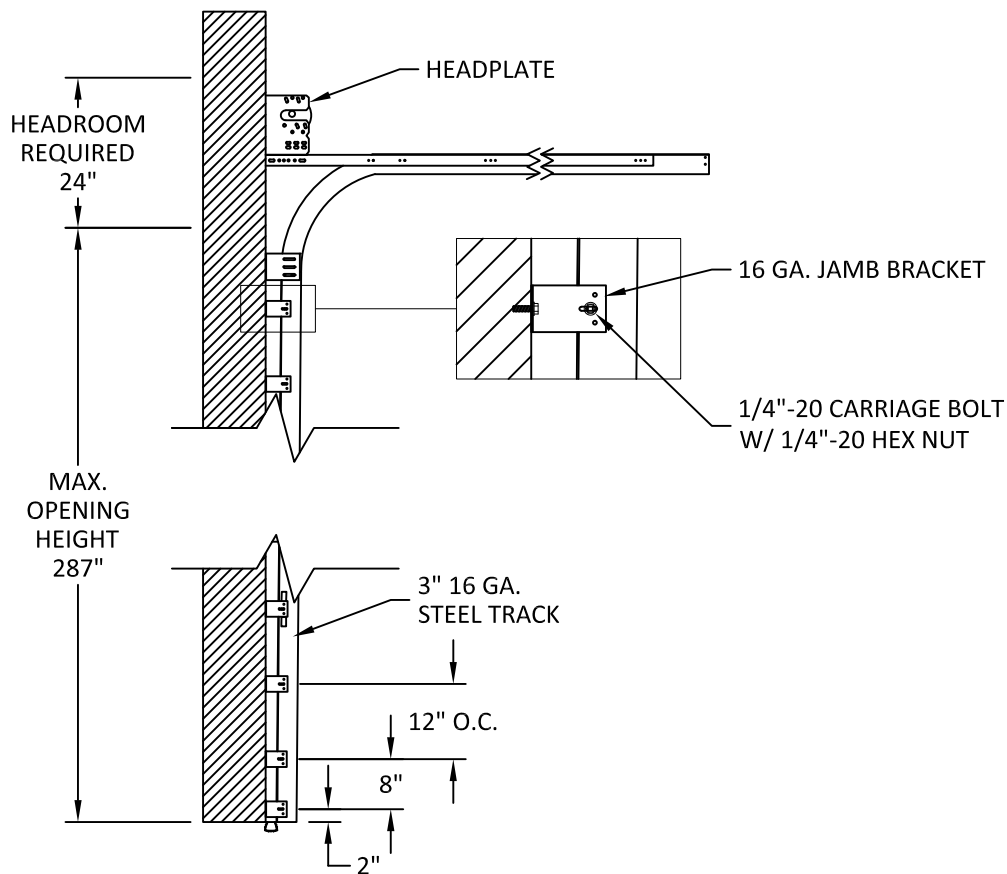
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HARDWARE DETAILS
INTERIOR VIEW



TRACK DETAILS

NOTE:
DESIGN AND OPERATION OF OPERATOR MECHANISM AND BALANCE SYSTEM IS NOT PART OF THIS APPROVAL, MANUFACTURER SPECIFICATIONS SHOULD BE FOLLOWED. TYPICAL DETAILS SHOWN ABOVE. CARE SHOULD BE TAKEN WHEN DOOR IS IN MOTION ENSURING THAT PERSONAL INJURY OR DAMAGE TO THIS PRODUCT DOES NOT OCCUR.



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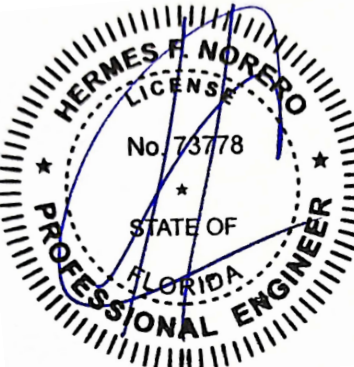
HARDWARE & TRACK DETAILS

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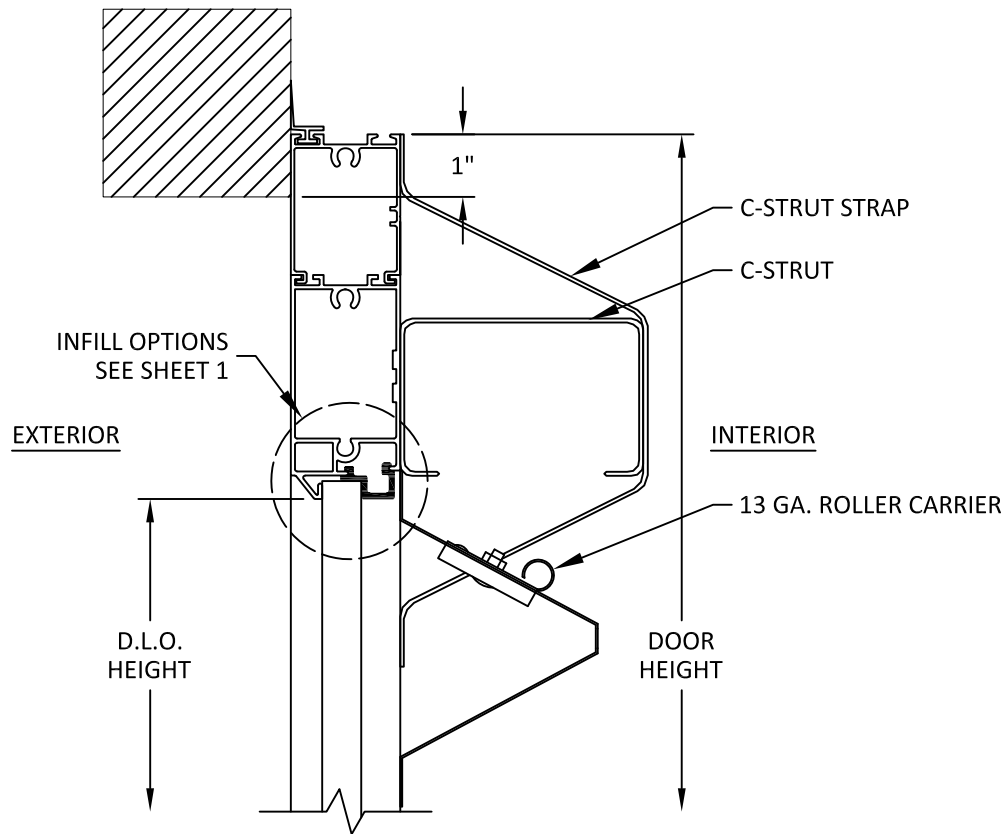
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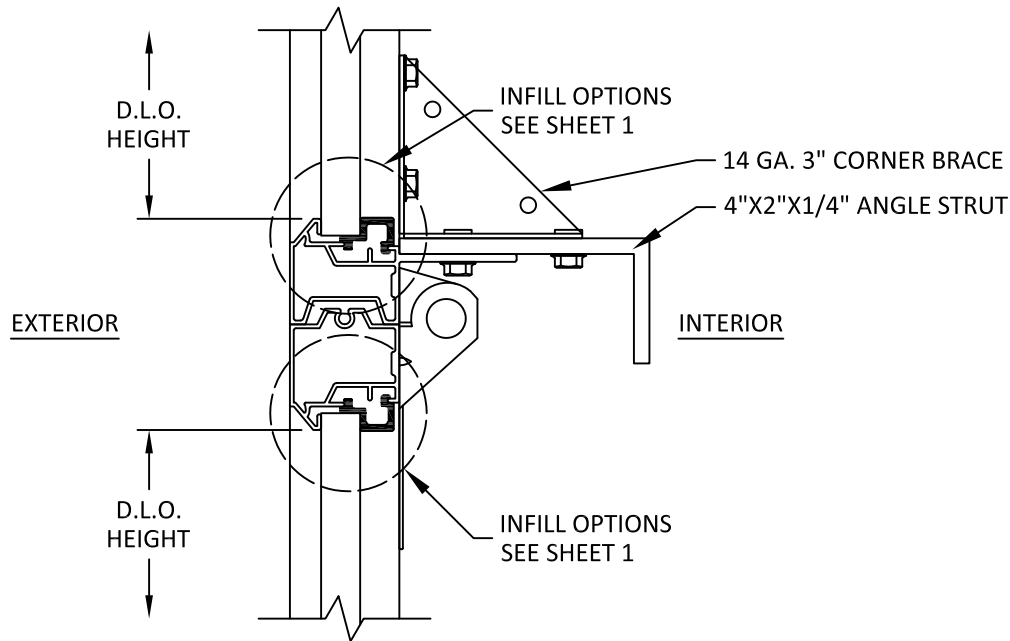
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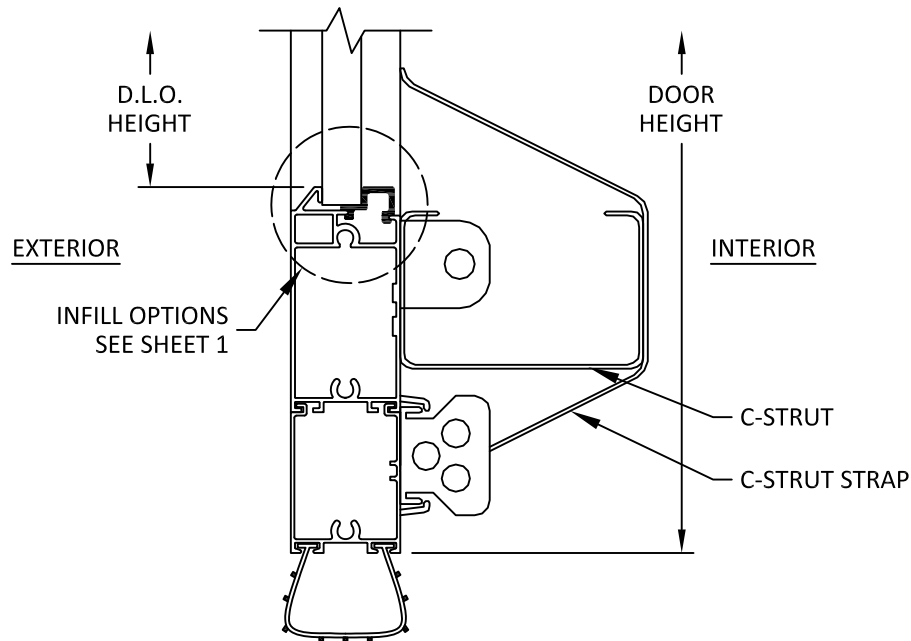
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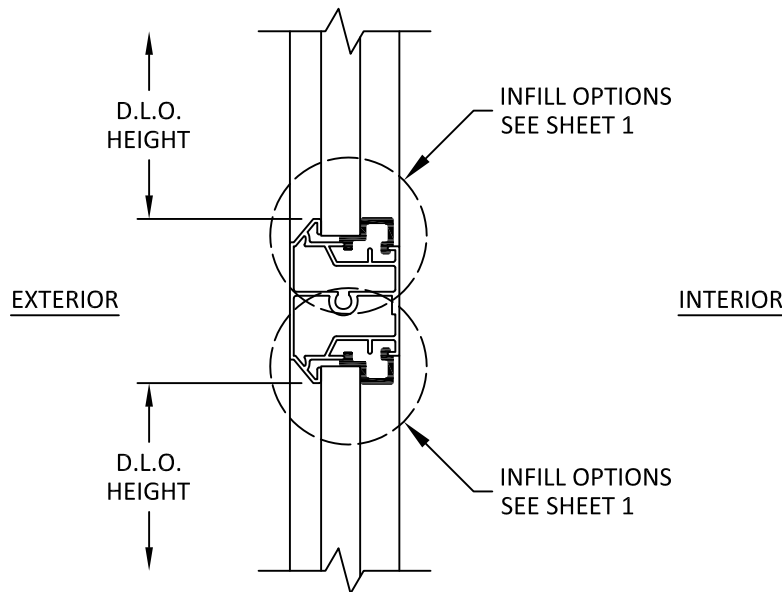
A
5 VERTICAL SECTION
DOOR HEAD



C
5 VERTICAL SECTION
HINGE SECTION



B
5 VERTICAL SECTION
DOOR BOTTOM



D
5 VERTICAL SECTION
INTERMEDIATE SECTION



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VERTICAL SECTIONS

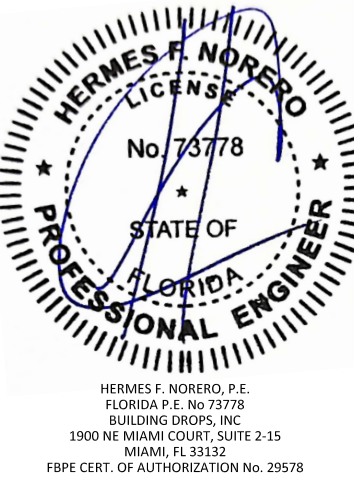
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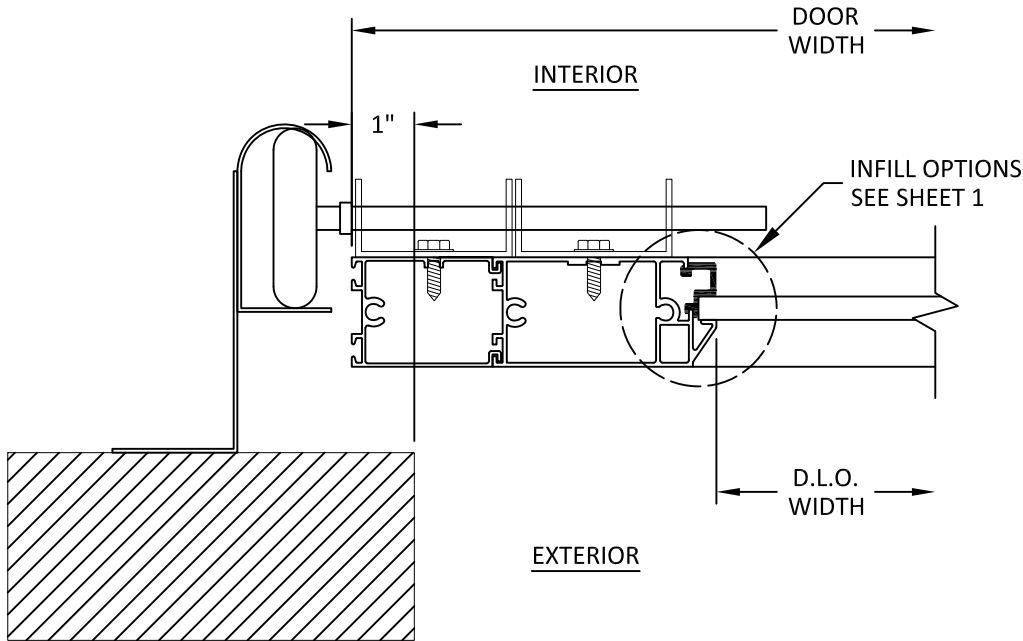
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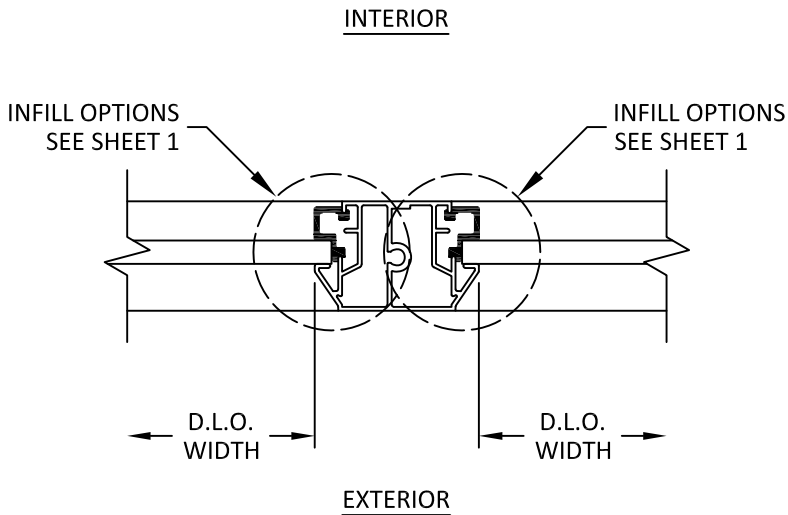
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E
6 HORIZONTAL SECTION
DOOR JAMB



F
6 HORIZONTAL SECTION
DOOR STILE



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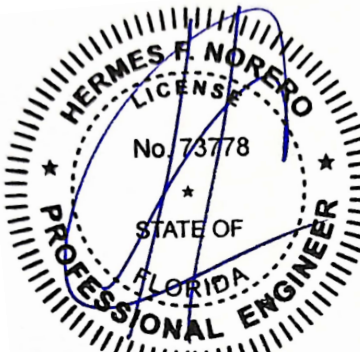
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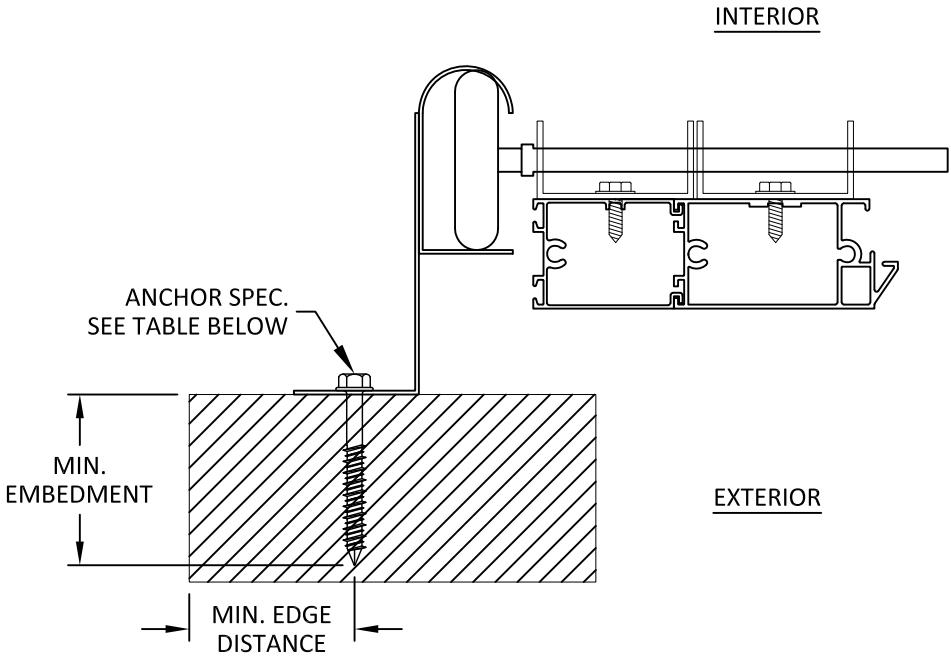


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G 7 INSTALLATION DETAIL
JAMB BRACKET

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
- 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 $\pm 1/4$ 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.
- 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.
- 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			
SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD: MIN. S.G. = 0.55	5/16" LAG SCREW	1-1/2"	1-1/4"
ALUMINUM: MIN. 3/8" THICK 6063-T5	5/16" GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW W/ 1" O.D. WASHER	3 THREADS MIN PENETRATION BEYOND METAL	1"
STEEL: MIN. 3/16" THICK, MIN. Fy = 33 ksi	1/4" GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW W/ 1" O.D. WASHER		
CONCRETE: MIN. f'c = 3000 psi	3/8" ITW TRUBOLT	1-1/2"	2-5/8"
	3/8" DEWALT POWER-STUD®+	2"	1-7/8"
MASONRY: GROUT-FILLED BLOCK PER ASTM C90, MIN. 2000 psi	3/8" DEWALT POWER-STUD®+ SD1	2-3/8"	4"



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INSTALLATION DETAILS & NOTES

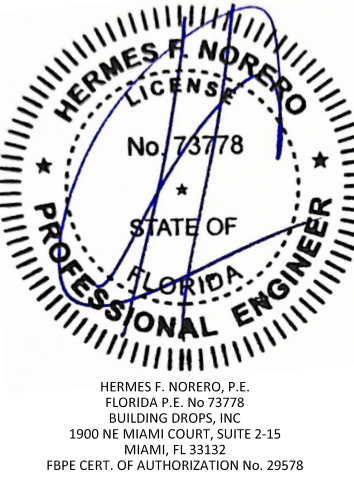
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