

ARTISTIC DOORS & WINDOWS, INC.

9000 WOOD FIXED DOOR (HVHZ) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) INCLUDING HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
2. 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.
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. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
5. 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. FOR NON-HVHZ AREA, INSTALLATION TO BE REVIEWED BY AHJ (AUTHORITY HAVING JURISDICTION).
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. FRAME MATERIAL: MAHOGANY

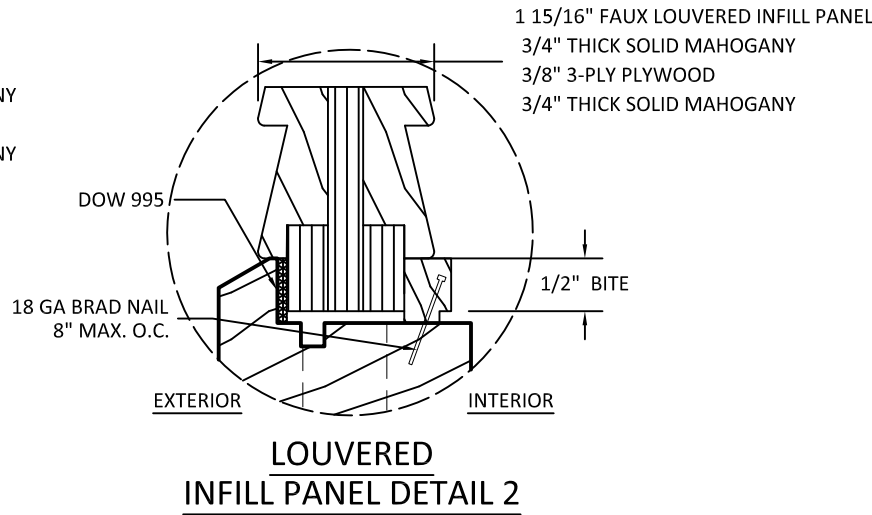
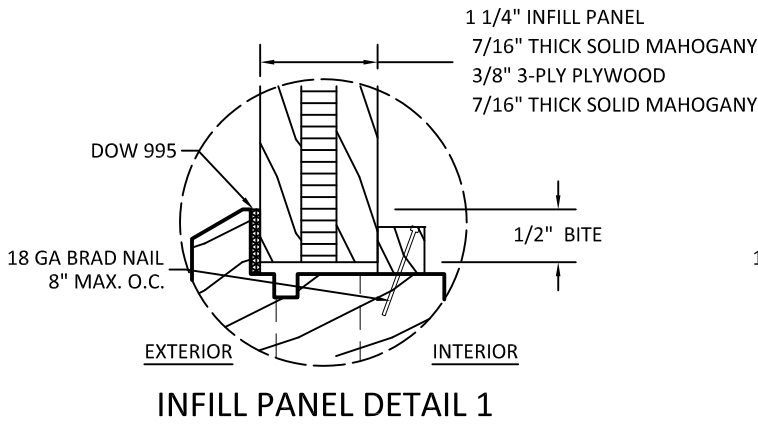


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8	BILL OF MATERIALS AND COMPONENTS

DESIGN PRESSURE RATING		
DESIGN PRESSURE	MAX. FRAME SIZE	CONFIGURATION
+/- 70 PSF	42" X 132"	O



ARTISTIC DOORS & WINDOWS
10 SOUTH INMAN AVENUE
AVENEL, NEW JERSEY 07001
PH: (732) 726-9400

TITLE:
9000 WOOD FIXED DOOR
(HVHZ) (IMPACT)

GENERAL NOTES, DESIGN PRESSURE
TABLE & GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

BUILDING DROPS

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.02.07 12:52:08 -05'00'

HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT SUITE # 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL42125

DATE:
04.05.23

DWG. BY:
MG

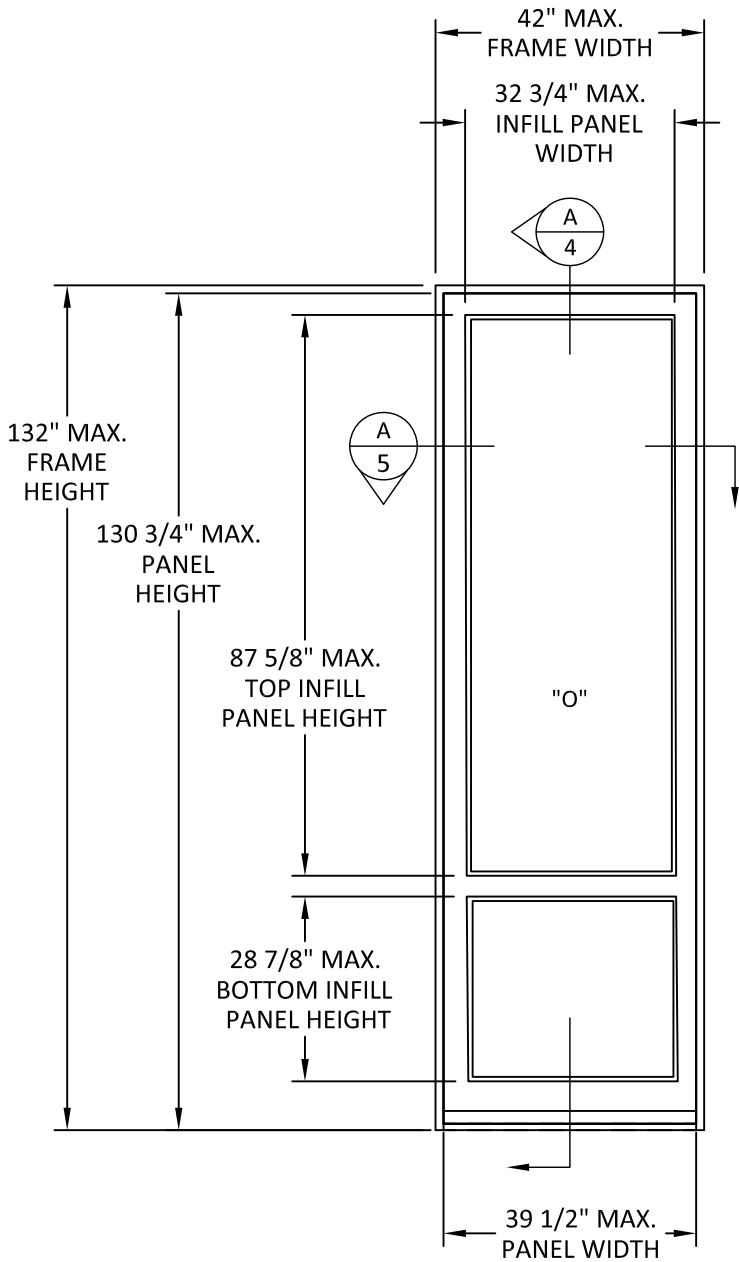
CHK. BY:
HFN

SCALE:
NTS

DWG. #:
ADW005

SHEET:

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ELEVATION



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ELEVATION

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DATE: **04.05.23**

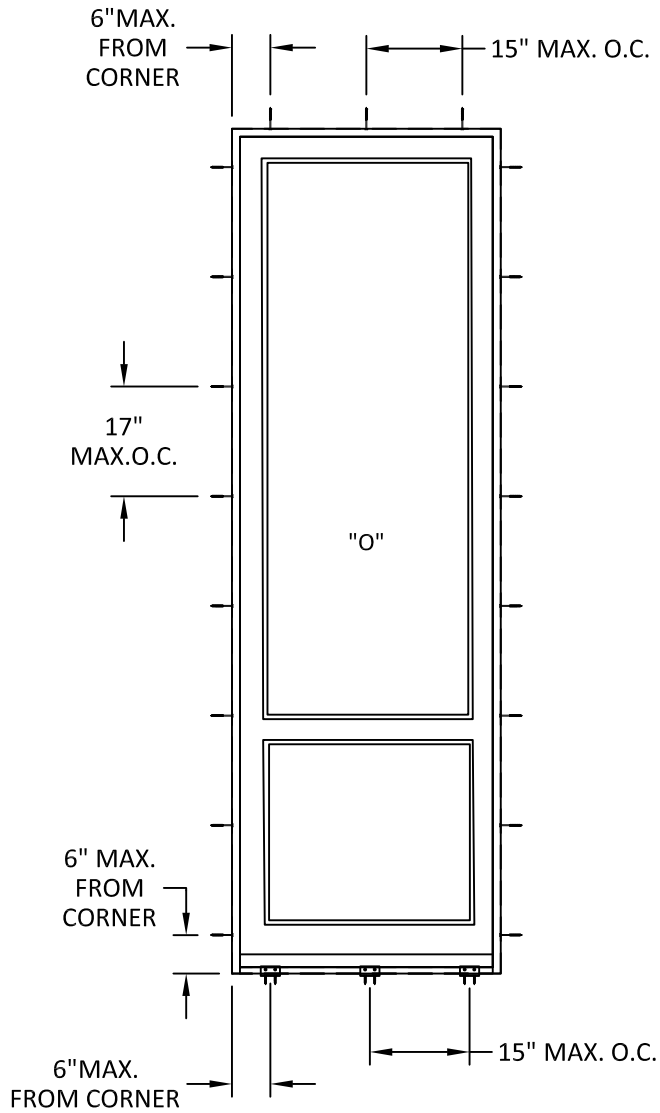
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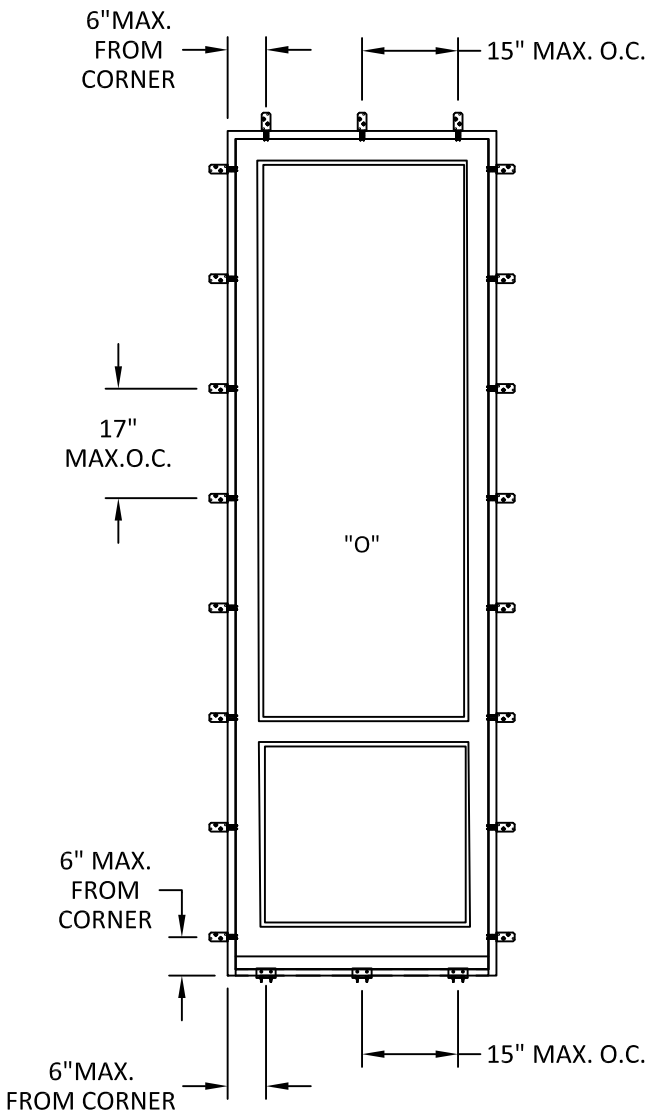
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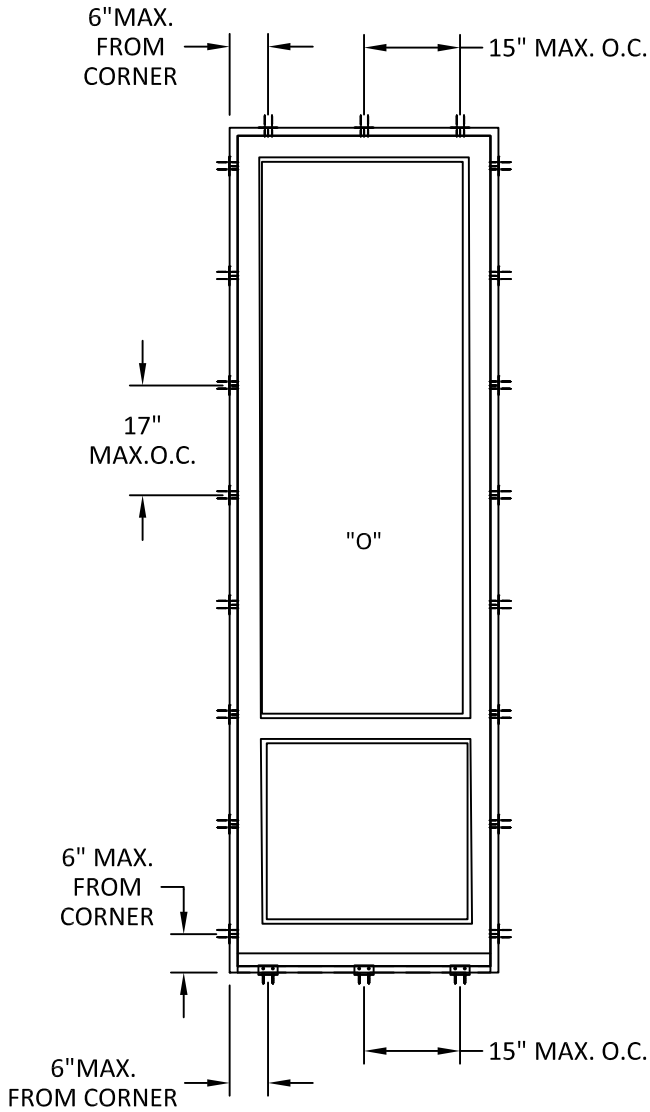


ANCHOR LAYOUT
THROUGH FRAME
INSTALLATION



ANCHOR LAYOUT
HRS12 STRAP
INSTALLATION

- NOTE:
- THROUGH FRAME
 - ALUMINUM ANGLE
 - HRS12 STRAP
 - HTP37Z STRAP



ANCHOR LAYOUT
HTP37Z STRAP
INSTALLATION

- NOTE:
- TWO (2) INSTALLATION ANCHORS PER STRAP AND ANGLE LOCATION.
 - ALL INSTALLATION OPTIONS USE ALUMINUM ANGLE INSTALLATION METHOD AT SILL.
 - FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 6 AND 7.



ARTISTIC DOORS & WINDOWS
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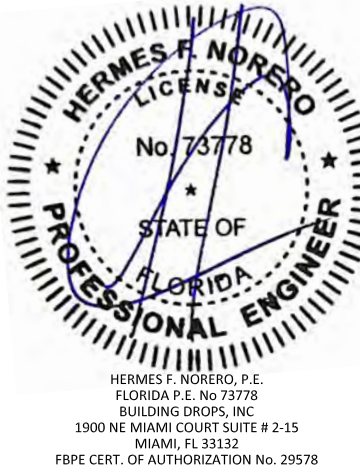
TITLE: 9000 WOOD FIXED DOOR (HVHZ) (IMPACT) ANCHOR LAYOUT

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BD
BUILDING DROPS

REMARKS	BY	DATE

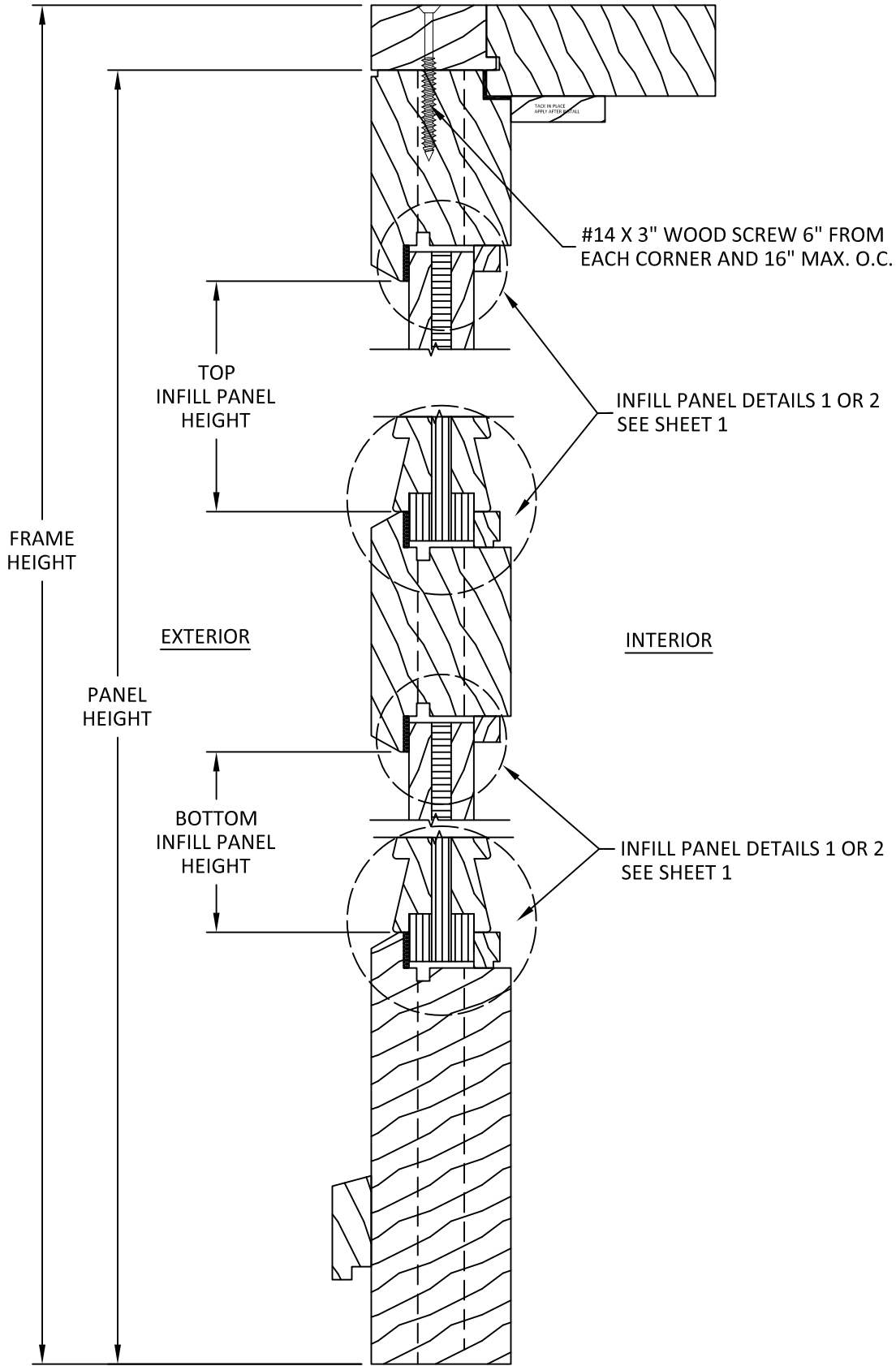
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DWG. BY:	CHK. BY:
MG	HFN
SCALE:	NTS
DWG. #:	ADW005
SHEET:	3

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A
4

VERTICAL SECTION



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(HVHZ) (IMPACT)
VERTICAL SECTIONS

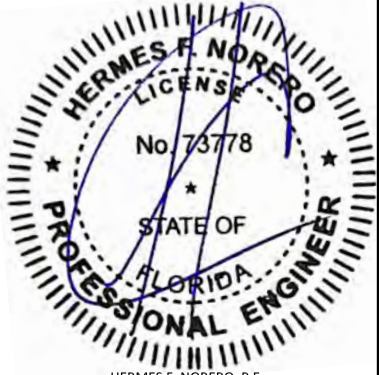
PREPARED BY:
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FAX: (954)744-4738
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FL #: **FL42125**

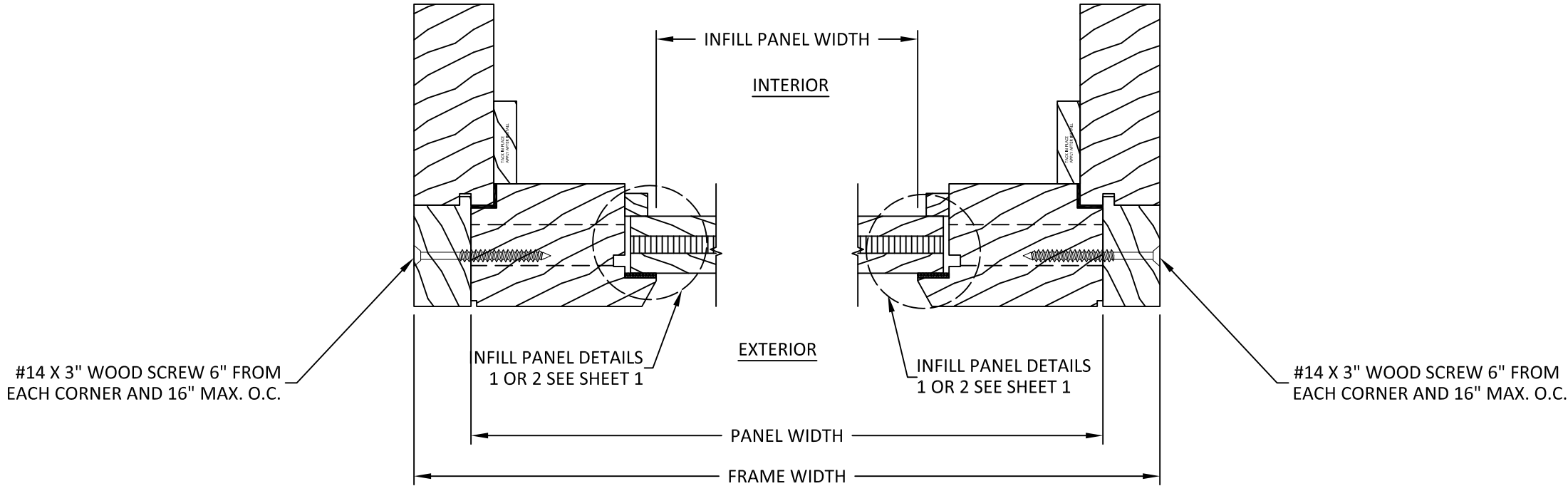
DATE: **04.05.23**

DWG. BY: **MG** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **ADW005**

SHEET:
4



A
5 HORIZONTAL SECTION



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(HVHZ) (IMPACT)

HORIZONTAL SECTIONS

PREPARED BY:

BUILDING DROPS

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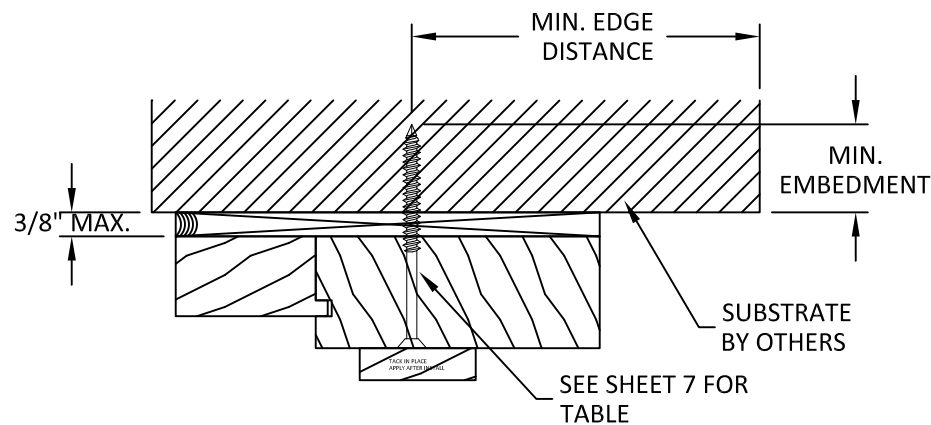
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SCALE: **NTS**

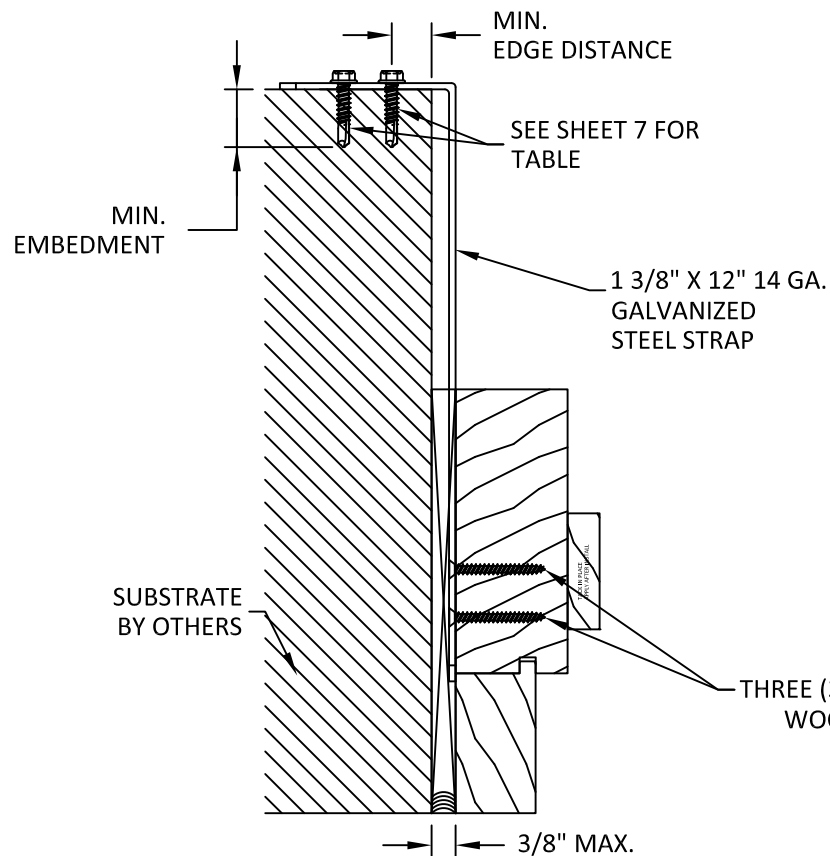
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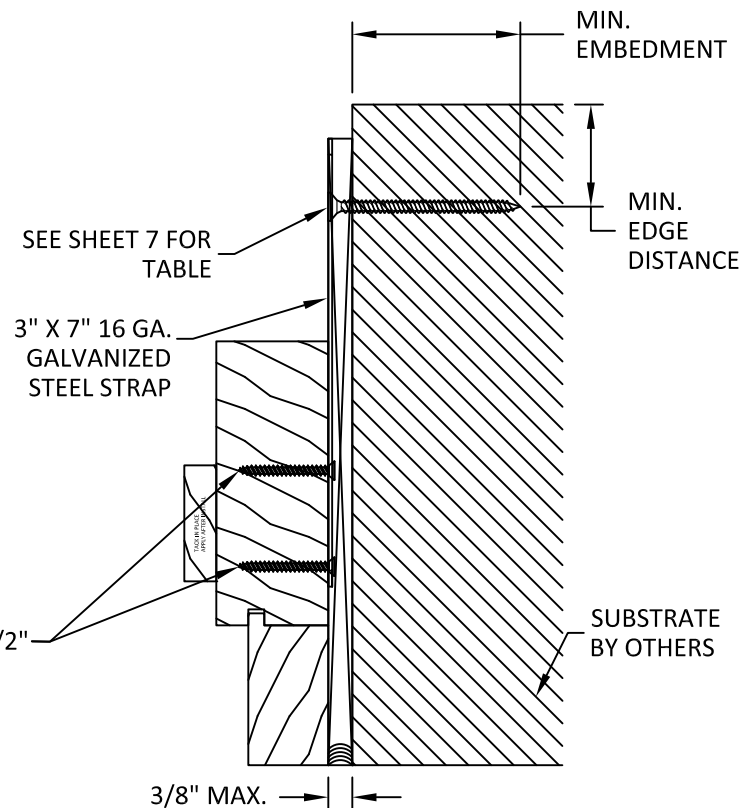
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A
6 **ANCHOR DETAIL**
THROUGH FRAME - HEAD
NOTE: SAME AT JAMB



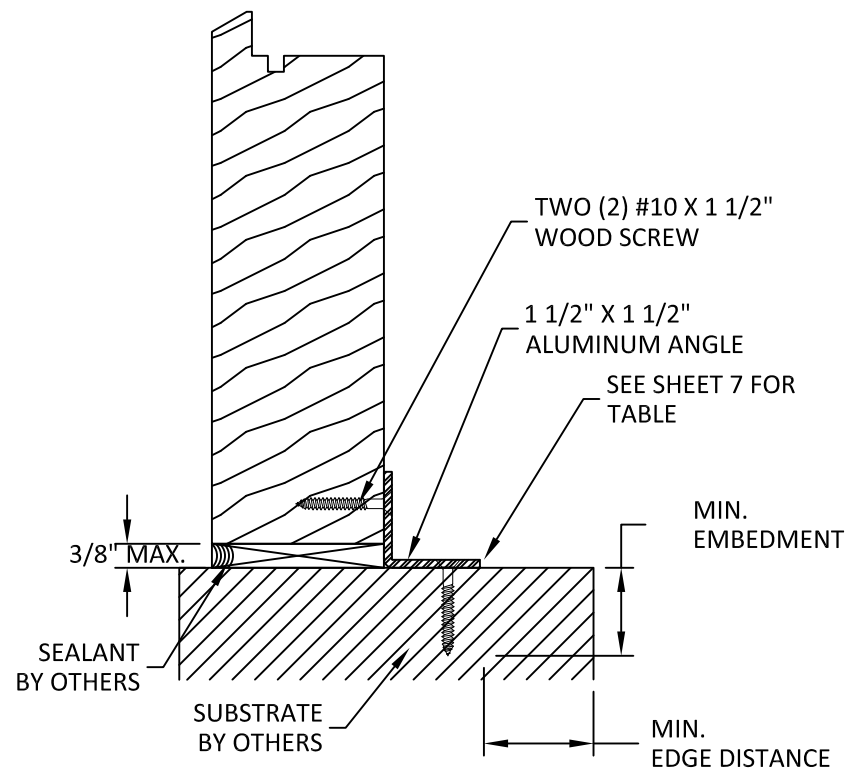
B
6 **ANCHOR DETAIL**
HRS12 STRAP - JAMB
NOTE: SAME AT HEAD



C
6 **ANCHOR DETAIL**
HTP37Z STRAP - JAMB
NOTE: SAME AT HEAD

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ABOVE, UNLESS OTHERWISE STATED ON SHEET 3.
- ONE (1) INSTALLATION STRAP IS REQUIRED AT EACH LOCATION SHOWN ON SHEET 3.
- 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.
- 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.
- 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.



D
6 **ANCHOR DETAIL**
ALUMINUM ANGLE - SILL

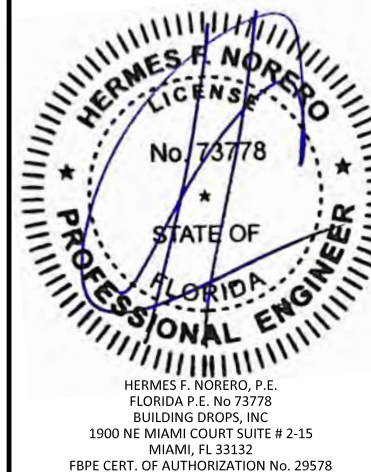


ARTISTIC DOORS & WINDOWS
10 SOUTH INMAN AVENUE
AVENEL, NEW JERSEY 07001
PH: (732) 726-9400

TITLE: 9000 WOOD FIXED DOOR (HVHZ) (IMPACT)	INSTALLATION DETAILS AND NOTES	
	PREPARED BY:	BUILDING DROPS, INC. 1900 NE MIAMI COURT, STE. 2-15 MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)744-4738 WEB: www.buildingdrops.com

REMARKS	BY	DATE

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FL #:	FL42125	
DATE:	04.05.23	
DWG. BY:	MG	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	ADW005	
SHEET:	6	

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ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME (HEAD / JAMB)	WOOD: MIN. S.G. = 0.55	#14 WOOD SCREW	1.5"	0.625"
	CONCRETE (MIN. f'c = 3000 PSI) OR CMU (PER ASTM C90)	1/4" ITW TAPCON	1.25"	2"
	STEEL MIN. 18 GA. (MIN. Fy = 36 KSI) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#14 SELF-TAPPING OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.625"
HRS12 STRAP (HEAD / JAMB)	WOOD: MIN. S.G. = 0.55	#12 WOOD SCREW	1.5"	0.625"
	STEEL MIN. 18 GA. (MIN. Fy = 36 KSI) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#12 SELF-TAPPING OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.625"
HTP37Z STRAP (HEAD / JAMB)	WOOD: MIN. S.G. = 0.55	#12 WOOD SCREW	1.25"	0.625"
	CONCRETE (MIN. f'c = 3000 PSI) OR CMU (PER ASTM C90)	3/16" ITW TAPCON	1.25"	2"
ALUMINUM ANGLE (SILL)	STEEL MIN. 18 GA. (MIN. Fy = 36 KSI) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#12 SELF-TAPPING OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.625"
	WOOD: MIN. S.G. = 0.55	#10 WOOD SCREW	1.25"	0.5"
	CONCRETE (MIN. f'c = 3000 PSI) OR CMU (PER ASTM C90)	3/16" ITW TAPCON	1.25"	2"
	STEEL MIN. 18 GA. (MIN. Fy = 36 KSI) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#10 SELF-TAPPING OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.5"



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ANCHOR SCHEDULE

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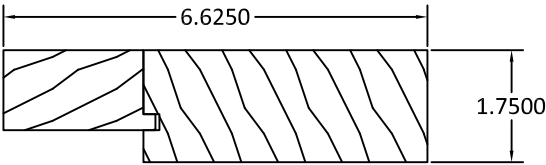
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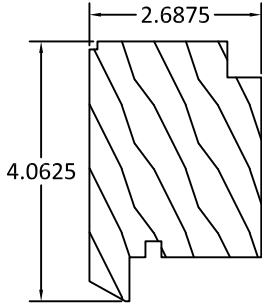
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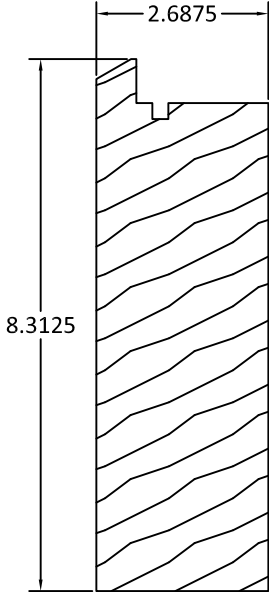
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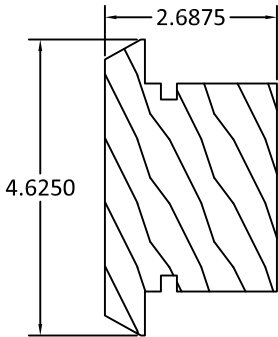
2 STILE & TOP RAIL



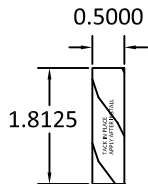
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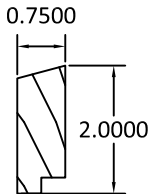
4 INTERMEDIATE RAIL



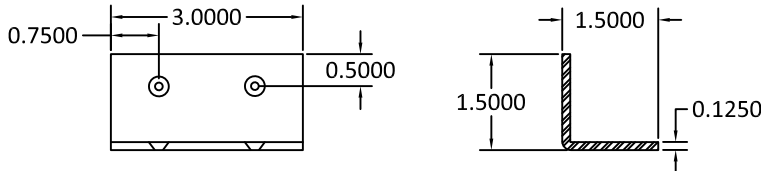
5 STOP



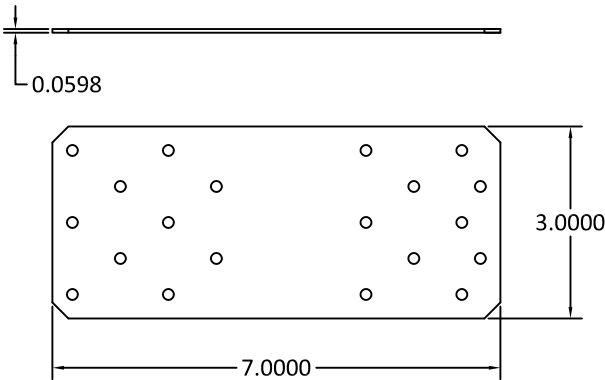
6 SILL DRIP CAP



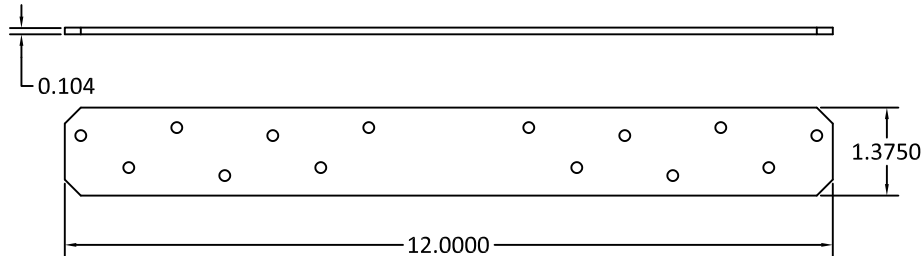
7 ALUMINUM ANGLE 1 1/2" X 1 1/2"



8 HTP37Z STRAP



9 HRS12 STRAP



BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	FRAME	MAHOGANY
2	STILE & TOP RAIL	MAHOGANY
3	BOTTOM RAIL	MAHOGANY
4	INTERMEDIATE RAIL	MAHOGANY
5	STOP	MAHOGANY
6	SILL DRIP CAP	MAHOGANY
7	ALUMINUM ANGLE 1 1/2" X 1 1/2"	6063-T5 ALUMINUM
8	HTP37Z STRAP	GALVANIZED STEEL
9	HRS12 STRAP	GALVANIZED STEEL



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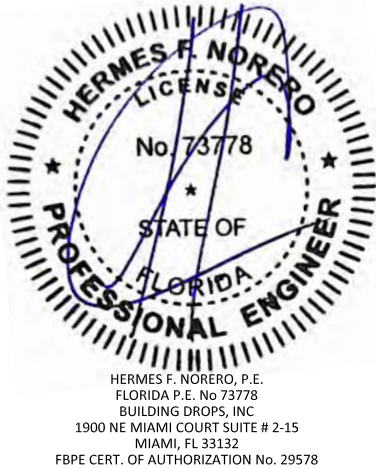
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REMARKS	BY	DATE

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 #: **FL42125**

DATE: **04.05.23**

DWG. BY: **MG** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **ADW005**

SHEET: **8**