

ARTISTIC DOORS & WINDOWS, INC.

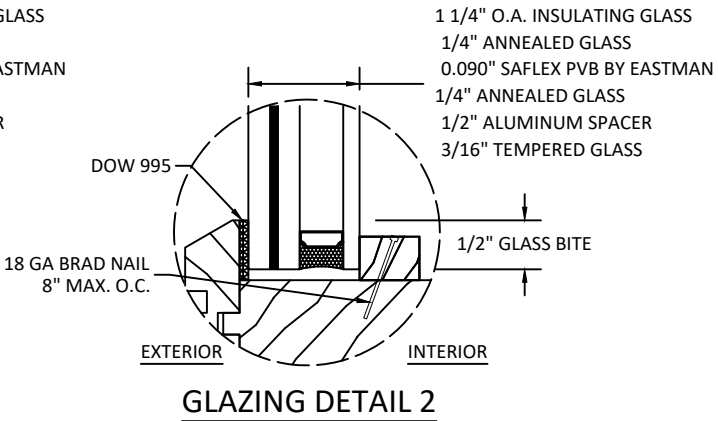
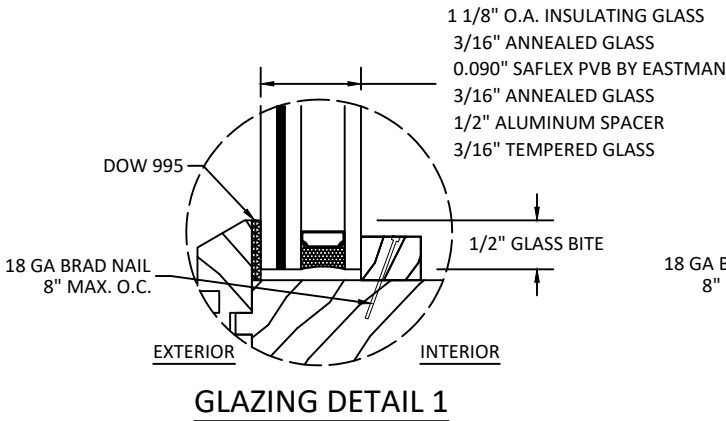
1000 WOOD FIXED WINDOW (HVHZ) (IMPACT)

GENERAL NOTES:

- 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
- 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.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ 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.
- 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).
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- FRAME MATERIAL: MAHOGANY
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

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DESIGN PRESSURE RATING			
DESIGN PRESSURE	MAX. FRAME SIZE	CONFIGURATION	GLAZING
+/- 70 PSF	62" X 110"	O	1
+/- 70 PSF	188" X 110"	OOO	1
+/- 75 PSF	188" X 110"	OOO	2



GLAZING NOTES:

- GLASS TYPE & THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. 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 DESIGN PRESSURE TABLES AND ELEVATIONS.



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

TITLE:
1000 WOOD FIXED WINDOW
(HVHZ) (IMPACT)

GENERAL NOTES, DESIGN PRESSURE
TABLE & GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-9478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

B.D.
BUILDING DROPS

REMARKS	BY	DATE
2026 CODE CHANGE	HJ	07/26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.10.11 17:04:27 -0400'

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

FL #: **FL42122**

DATE: **04.05.23**

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

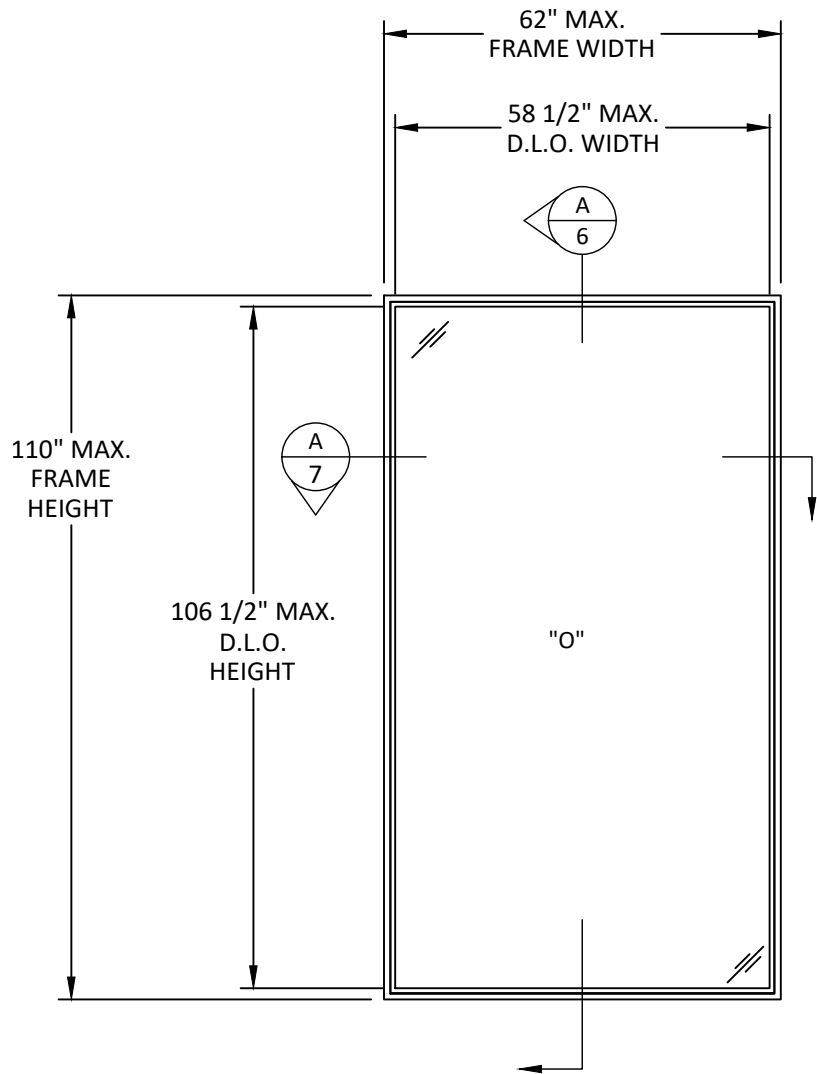
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DWG. #: **ADW002**

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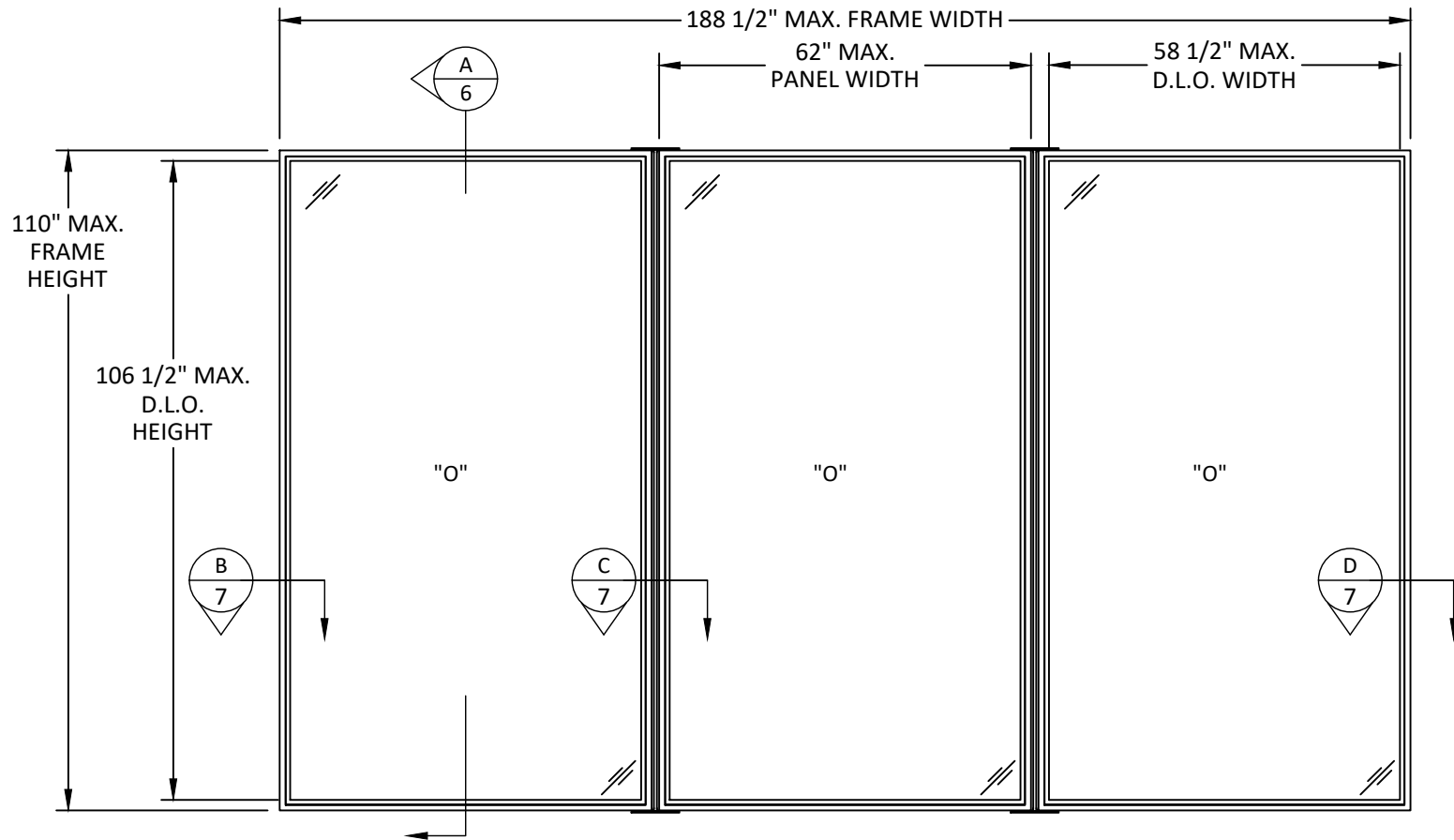
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ELEVATION
O CONFIGURATION

NOTE:
FIXED WINDOWS MAY ALSO BE MULLED TO
OPERABLE WINDOWS AND DOORS USING
MULLION UNDER SEPARATE APPROVAL.



ELEVATION
OOO CONFIGURATION

NOTE:
OO CONFIGURATION ALSO QUALIFIED SUCH
THAT PANEL AND D.L.O. SIZES ARE NOT
EXCEEDED.



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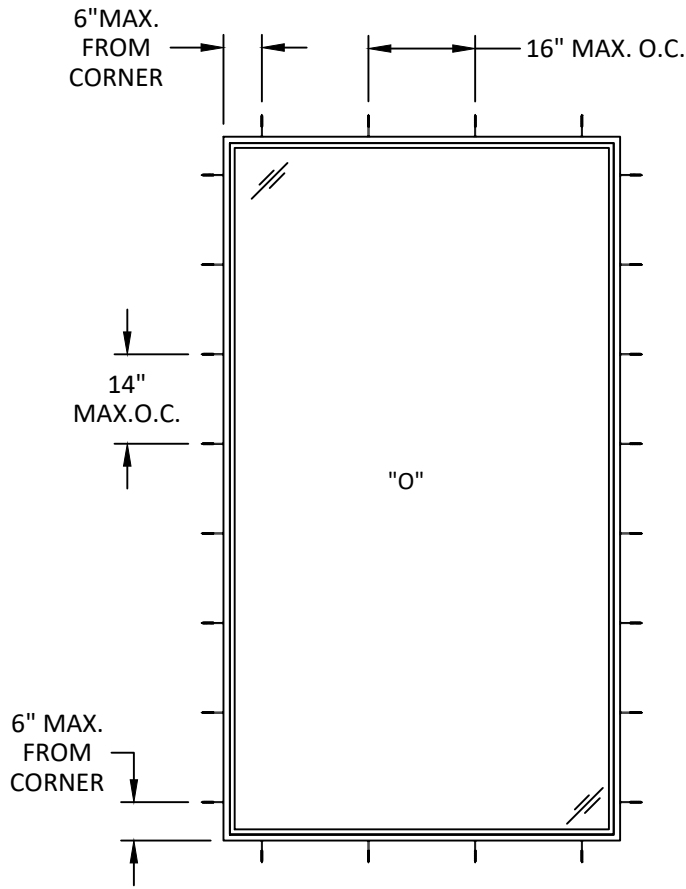
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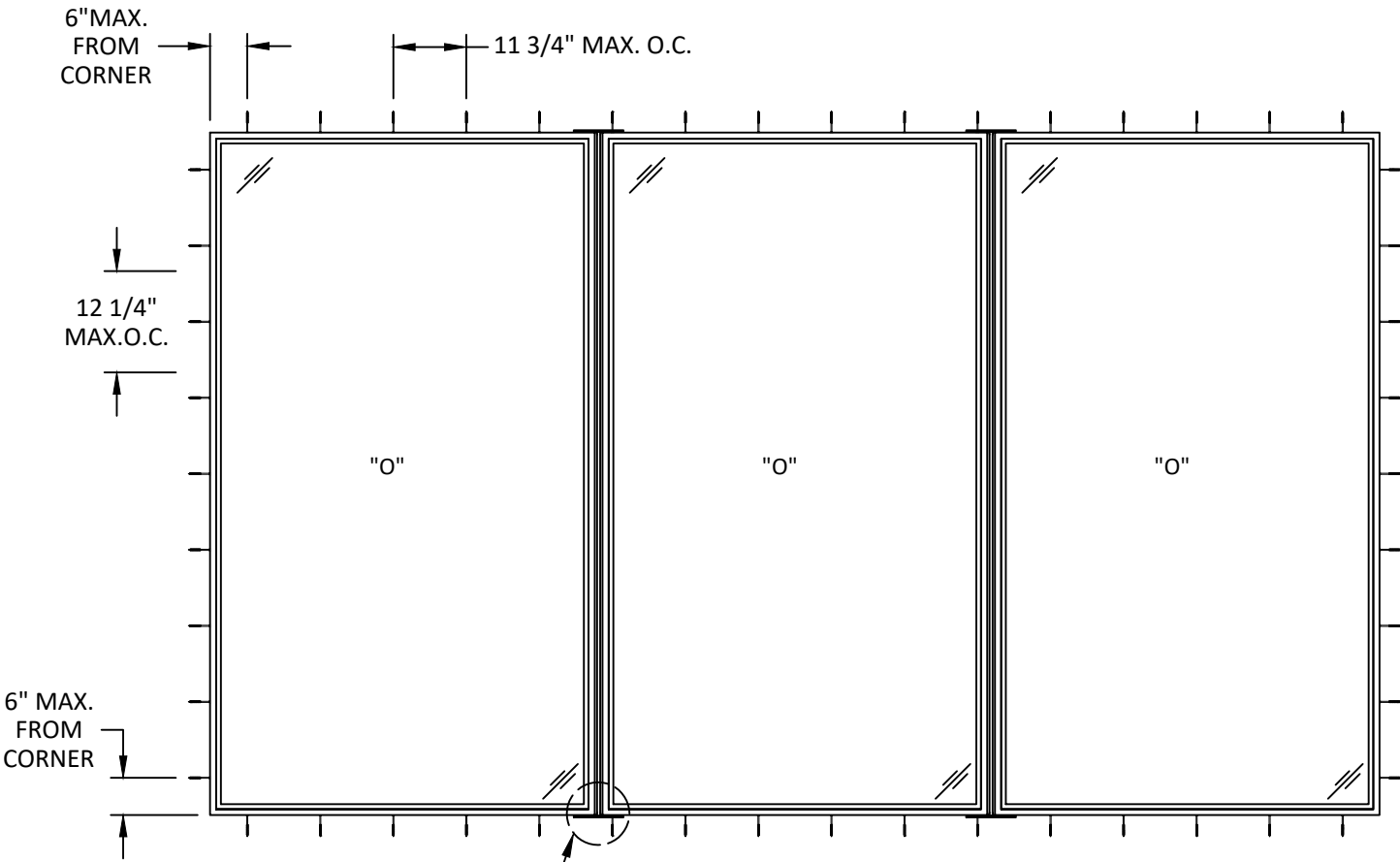
NOTE:
1. FOR MORE ANCHOR INFORMATION
(INSTALLATION TYPE, SPACING, QUANTITY,
ANCHOR TYPE, QUALIFIED SUBSTRATES)
SEE SHEET 8.



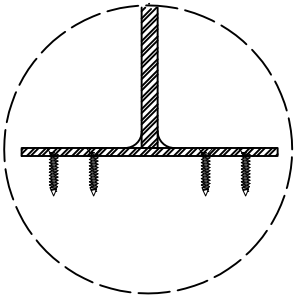
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ANCHOR LAYOUT
THROUGH FRAME
INSTALLATION



ANCHOR LAYOUT
THROUGH FRAME
INSTALLATION



MULLION DETAIL

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

TITLE: 1000 WOOD FIXED WINDOW (HVHZ) (IMPACT)
ANCHOR LAYOUT

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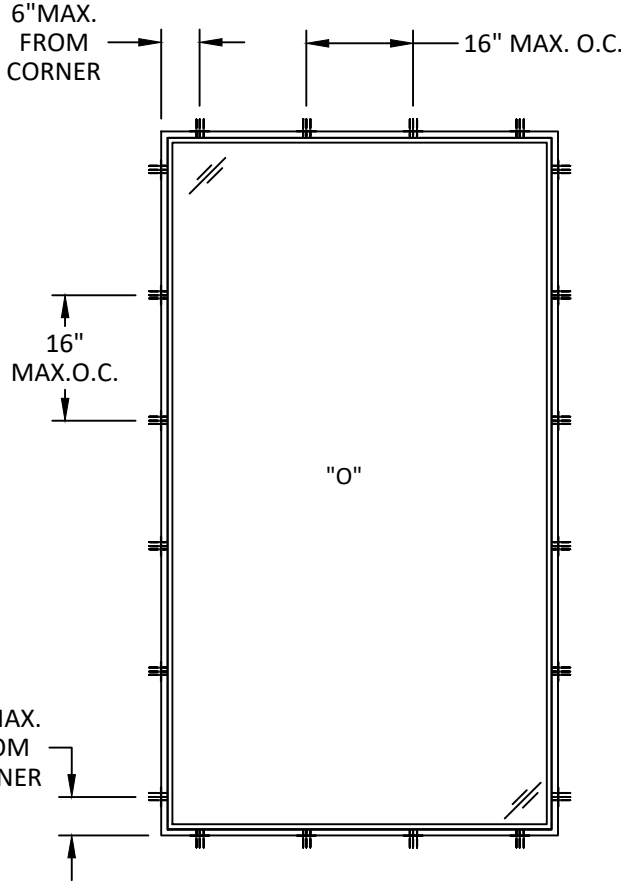
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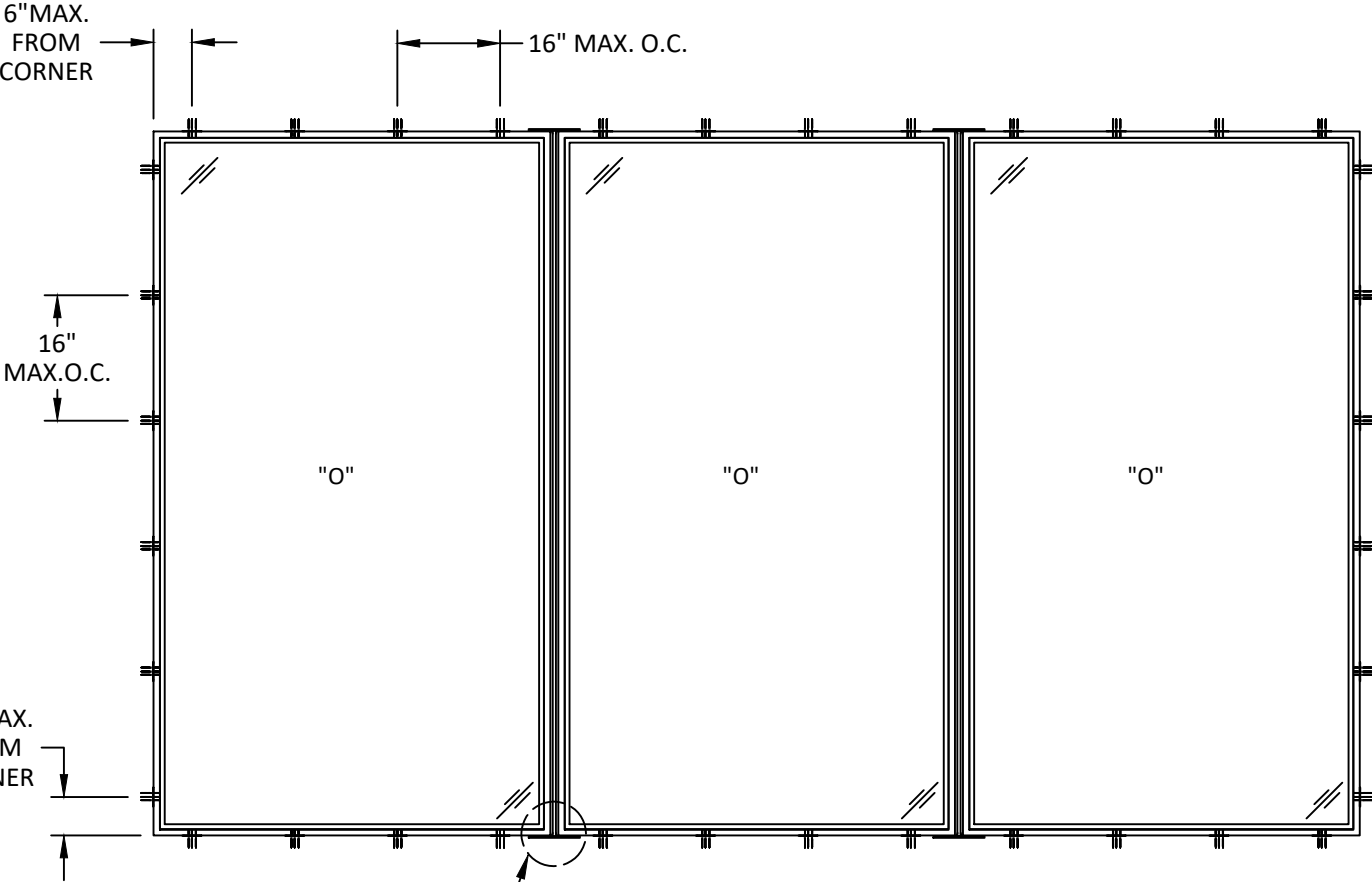
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DWG. #:	ADW002	
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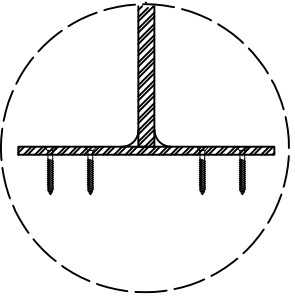
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ANCHOR LAYOUT
HTP37Z STRAP
INSTALLATION



ANCHOR LAYOUT
HTP37Z STRAP
INSTALLATION



MULLION DETAIL

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

- NOTE:
- THREE (3) INSTALLATION ANCHORS PER STRAP LOCATION.
 - FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 8.



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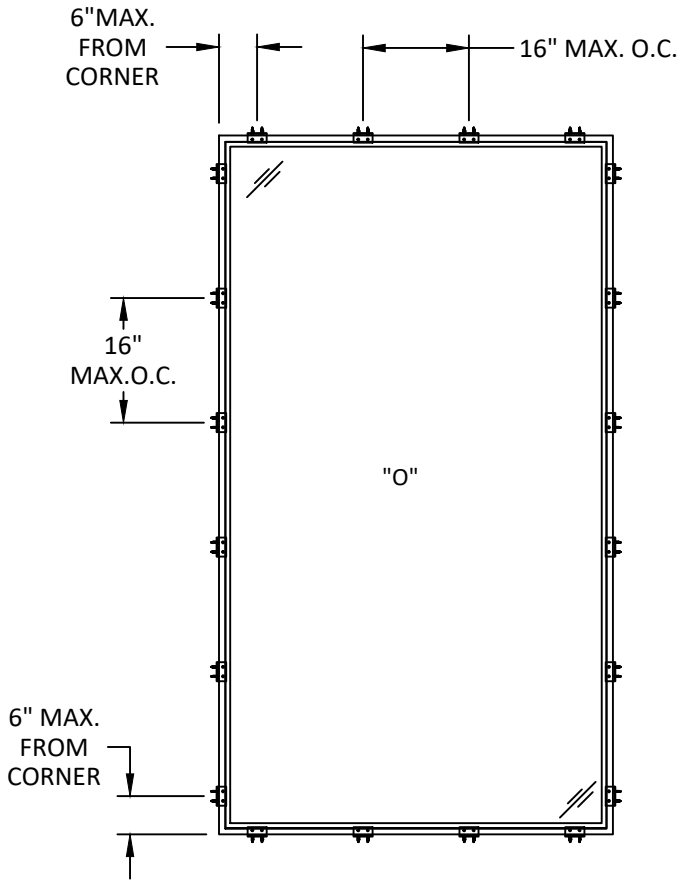
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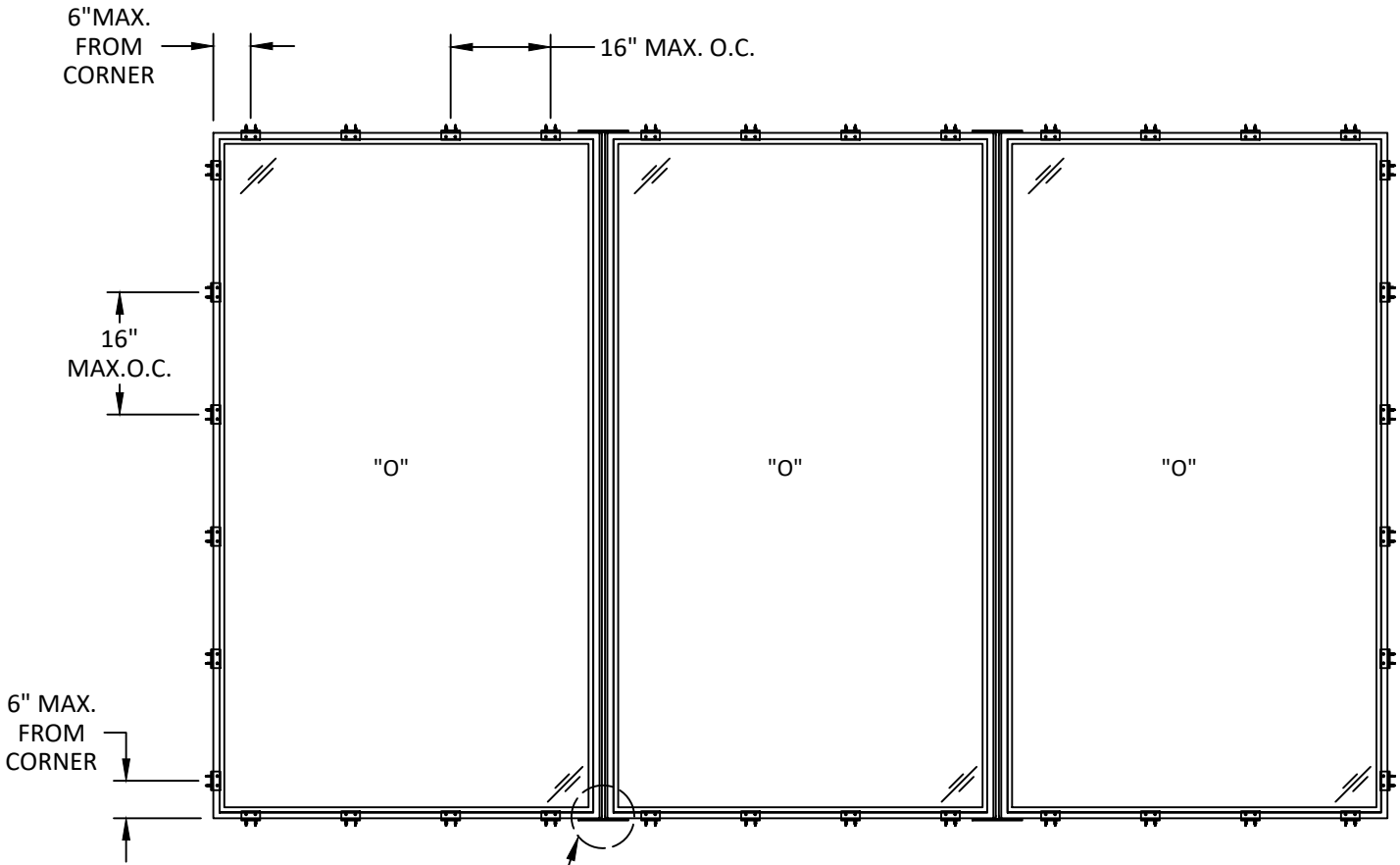
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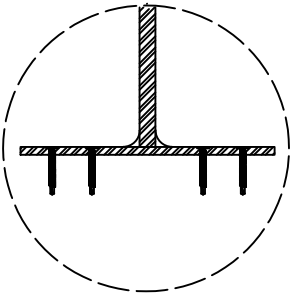
NOTE:
— THROUGH FRAME
⌘ ALUMINUM ANGLE
HTP37Z STRAP



ANCHOR LAYOUT
ALUMINUM ANGLE
INSTALLATION



ANCHOR LAYOUT
ALUMINUM ANGLE
INSTALLATION



MULLION DETAIL

NOTE:
1. TWO (2) INSTALLATION ANCHORS PER ANGLE LOCATION.
2. FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 8.



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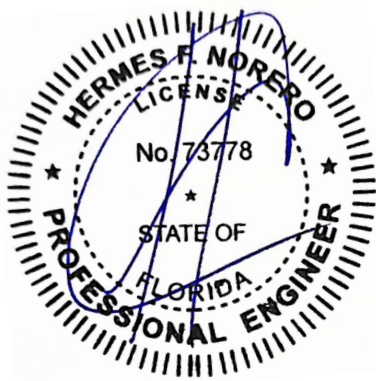
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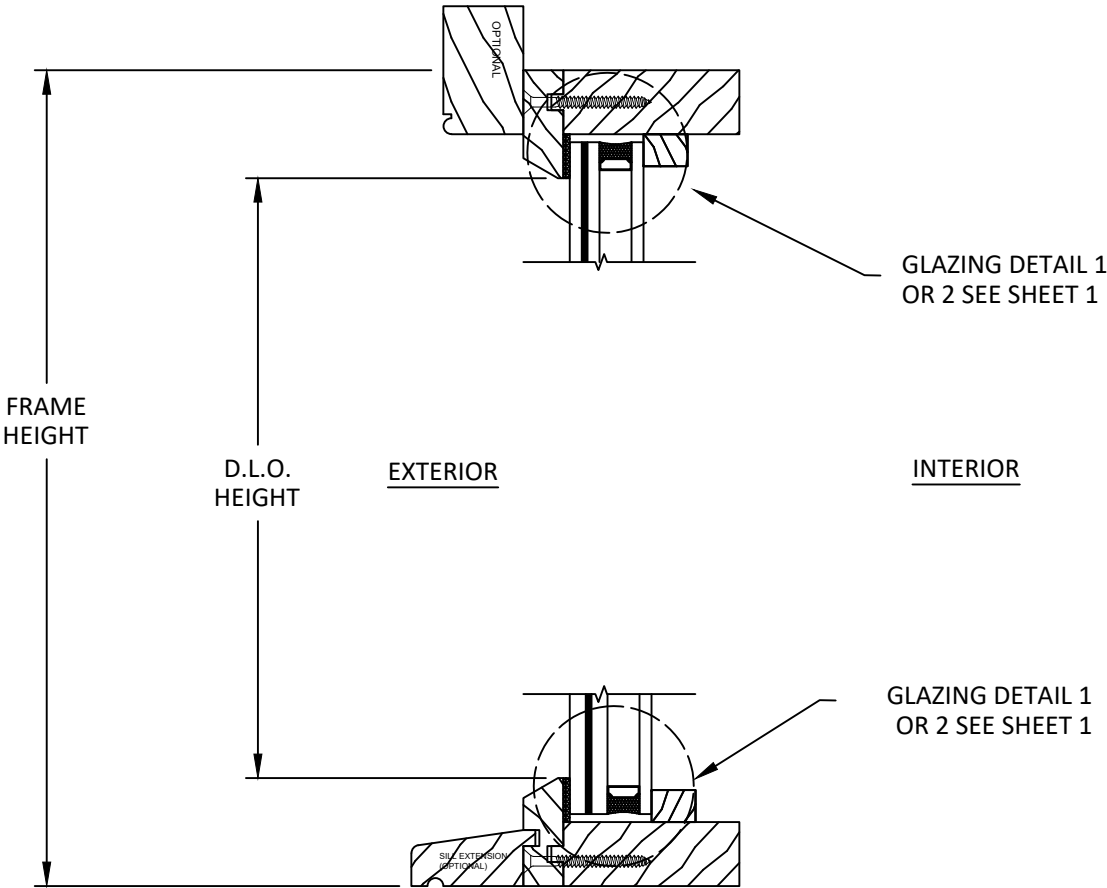
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SCALE:	NTS
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6

VERTICAL SECTION



10 SOUTH INMAN AVENUE
AVENEL, NEW JERSEY 07001
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VERTICAL SECTIONS

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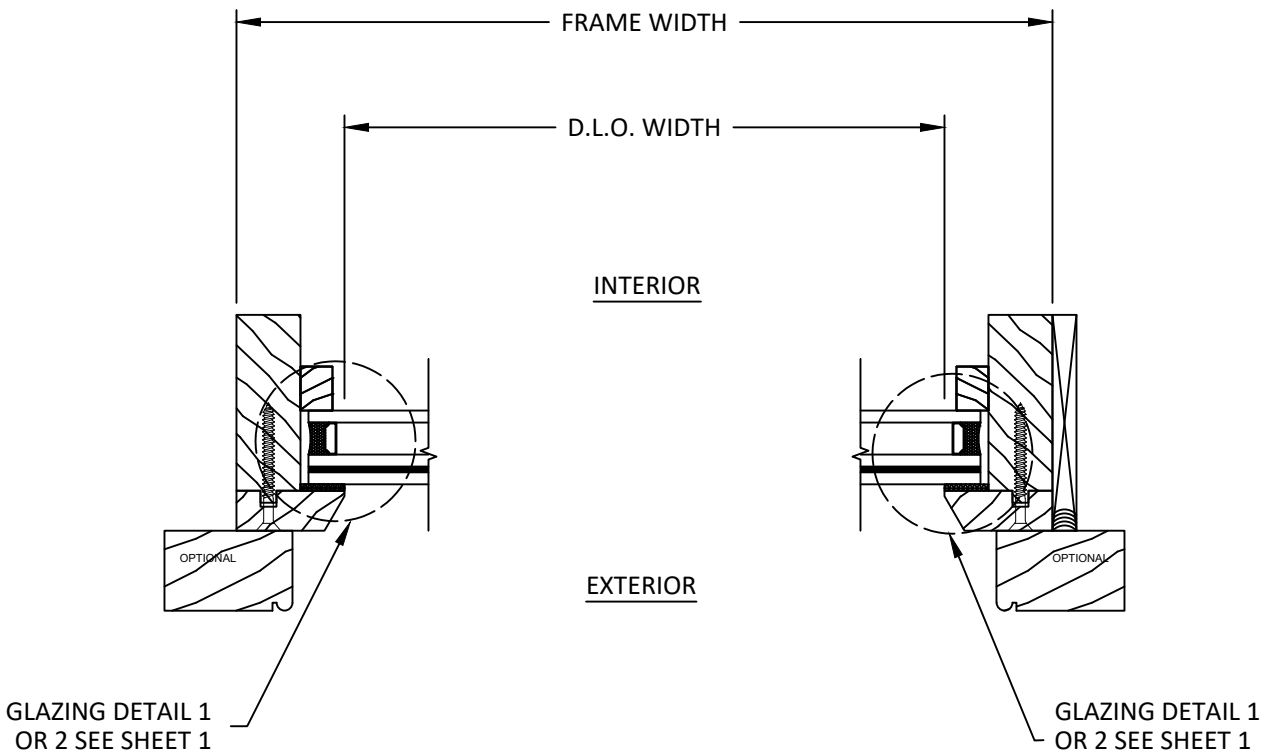
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SCALE: **NTS**

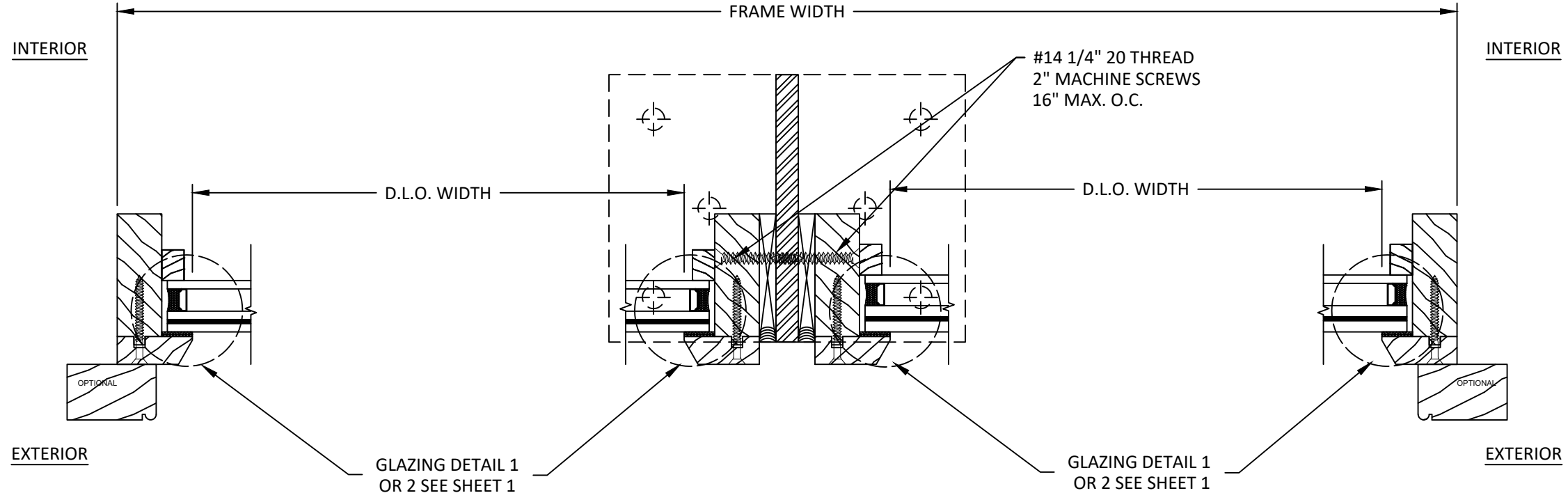
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SHEET: **6** REV. **A**

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A
7
HORIZONTAL SECTION
O CONFIGURATION



B
7
HORIZONTAL SECTION
OOO CONFIGURATION

C
7
HORIZONTAL SECTION
OOO CONFIGURATION

D
7
HORIZONTAL SECTION
OOO CONFIGURATION



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HORIZONTAL SECTIONS

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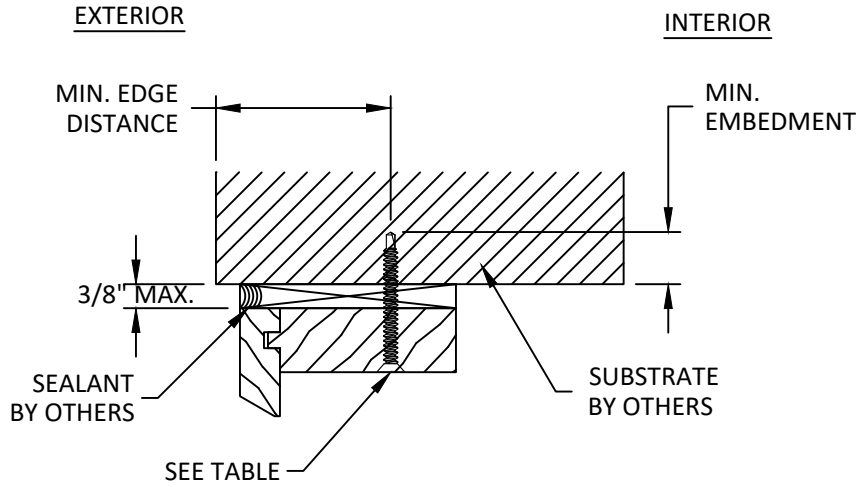
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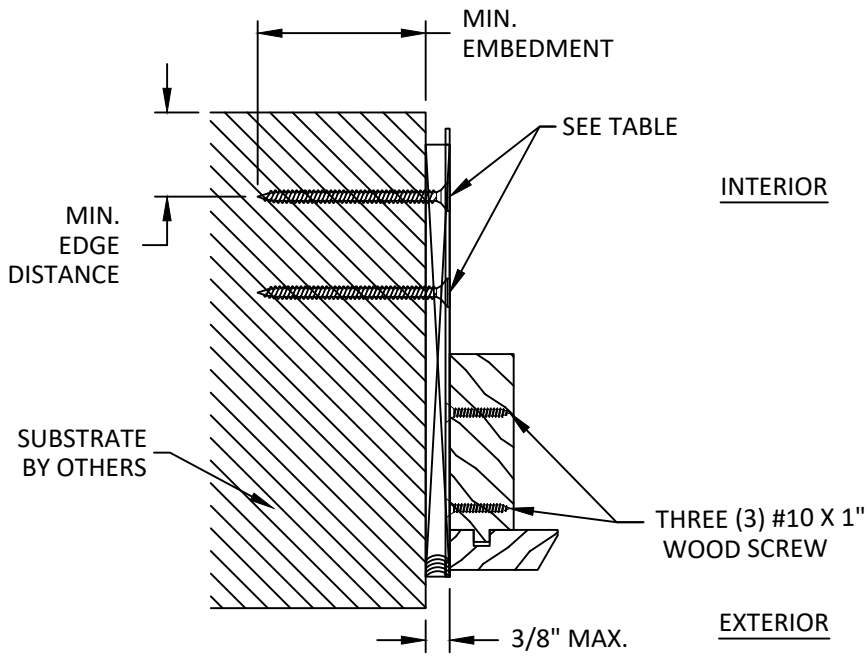
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8

ANCHOR DETAIL
THROUGH FRAME - HEAD

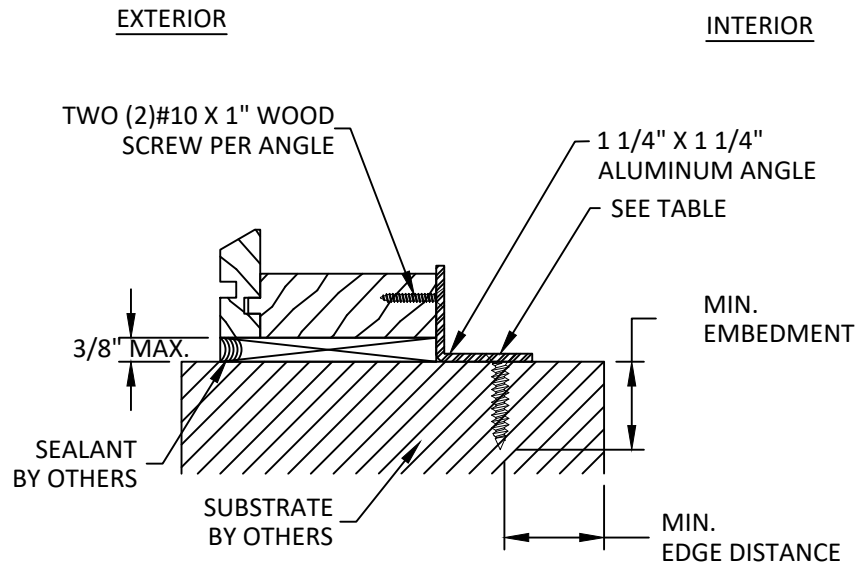
NOTE: SAME AT JAMB AND SILL



B
8

ANCHOR DETAIL
HTP37Z STRAP - JAMB

NOTE: SAME AT HEAD AND SILL



C
8

ANCHOR DETAIL
ANGLE STRAP - SILL

NOTE: SAME AT HEAD AND JAMB

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ABOVE, UNLESS OTHERWISE STATED ON SHEETS 3, 4 AND/OR 5.
- ONE (1) INSTALLATION STRAP IS REQUIRED AT EACH LOCATION SHOWN ON SHEETS 3, 4 AND/OR 5.
- 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 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.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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 TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	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"
HTP37Z STRAP	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"
ALUMINUM ANGLE	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"



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

TITLE:
1000 WOOD FIXED WINDOW
(HVHZ) (IMPACT)

INSTALLATION DETAILS AND NOTES

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

BUILDING DROPS

REMARKS	BY	DATE
2026 CODE CHANGE	HJ	07/26

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.

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

FL #: **FL42122**

DATE: **04.05.23**

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

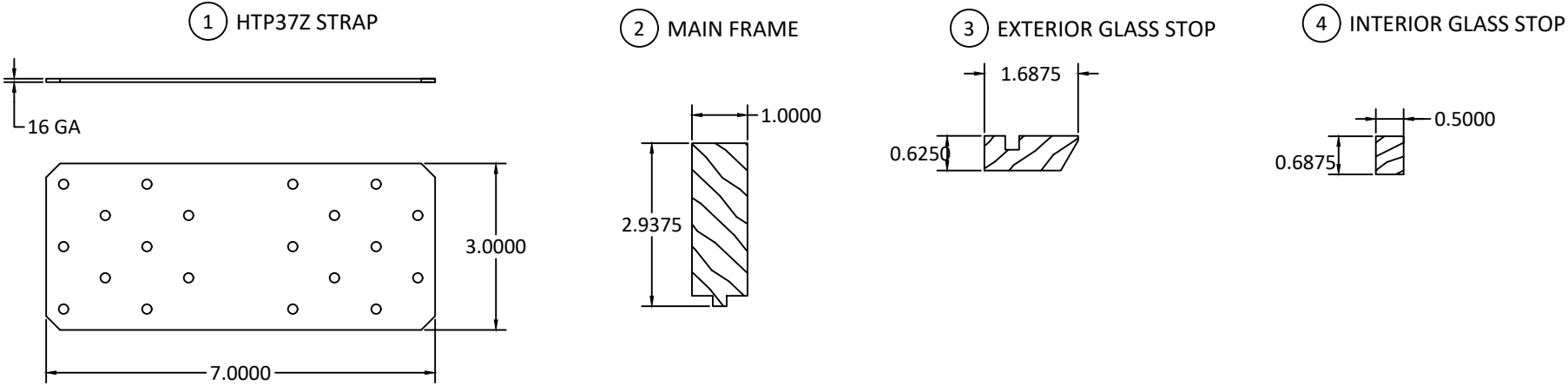
SCALE: **NTS**

DWG. #: **ADW002**

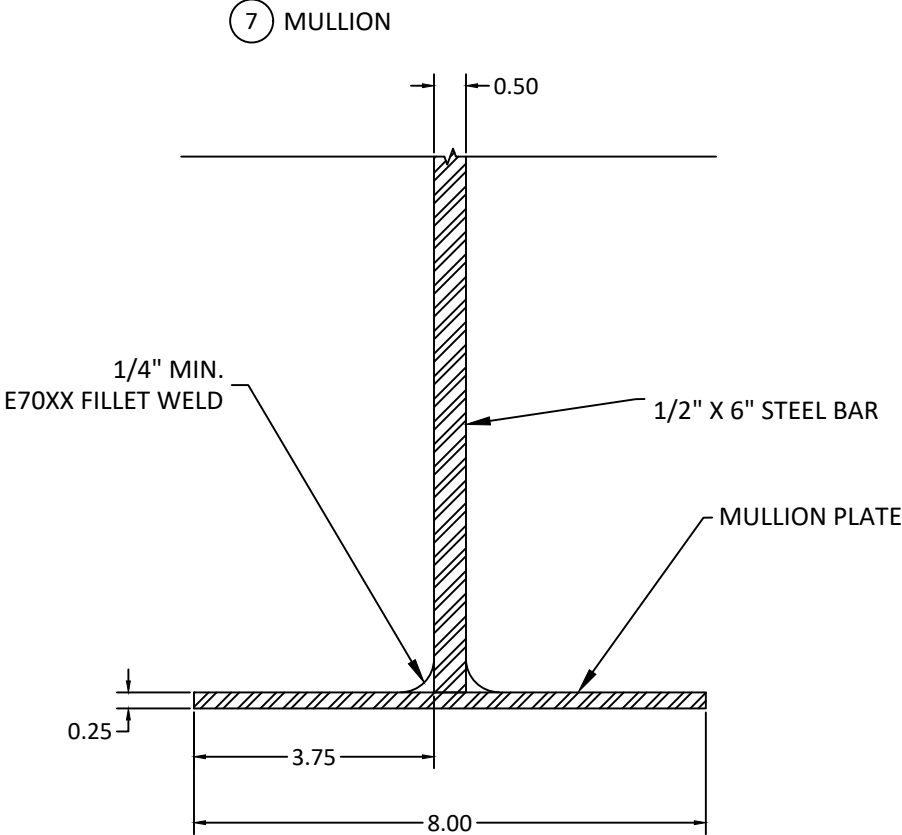
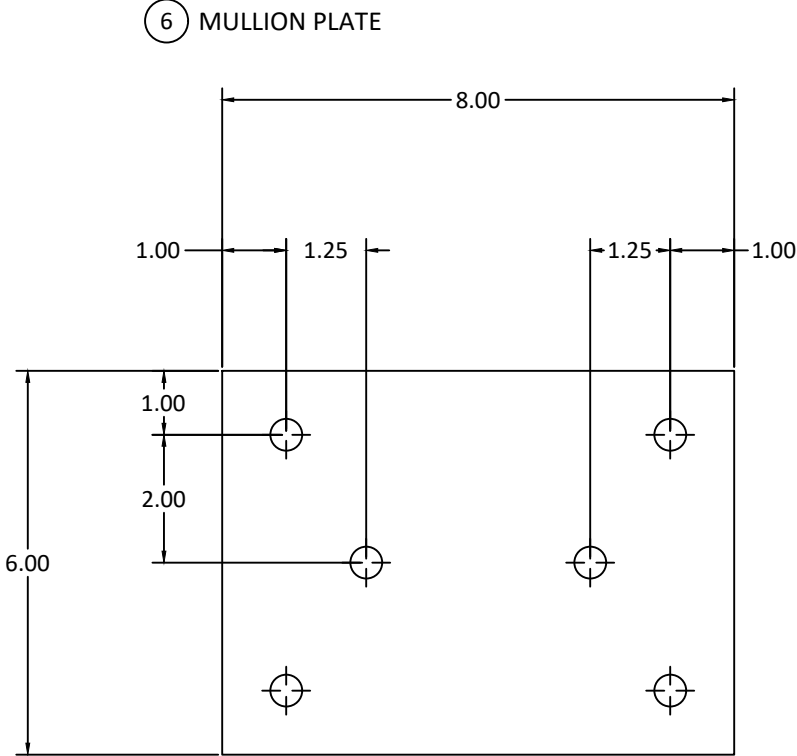
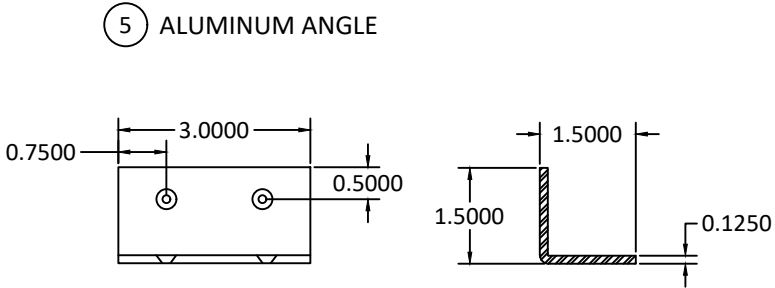
SHEET: REV. **A**

OF 9

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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	16 GA HTP37Z STRAP	GALVANIZED STEEL
2	MAIN FRAME	MAHOGANY
3	EXTERIOR GLASS STOP	MAHOGANY
4	INTERIOR GLASS STOP	MAHOGANY
5	ALUMINUM ANGLE	6063-T5 ALUMINUM
6	MULLION PLATE	1018 COLD ROLLED STEEL
7	MULLION	1080 COLD ROLLED STEEL



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

TITLE:
1000 WOOD FIXED WINDOW
(HVHZ) (IMPACT)

BILL OF MATERIALS AND COMPONENTS

PREPARED BY:
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1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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BUILDING DROPS

REMARKS	BY	DATE
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SCALE: **NTS**

DWG. #: **ADW002**

SHEET: **9** REV. **A**