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ODL, INC.

OUTSWING FLUSH GLAZED FIBERGLASS 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 AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
2. 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.
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 ±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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.
8. DOOR SKIN MATERIAL: FIBERGLASS

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13	BILL OF MATERIALS

PRODUCT SPECIFICATIONS						
CONFIGURATION	MAX. DOOR PANEL SIZE	MAX. SIDELITE PANEL SIZE	JAMB TYPE	HARDWARE	DESIGN PRESSURE (PSF)	MISSILE IMPACT RATING
OXXO, OXX, XXO, XX, OXO, OX, XO, X	35.75" X 95.25"	35.75" X 94.5"	COMPOSITE	SCHLAGE F SERIES LOCKSET, KWICK SET SIGNATURE LOCKSET	+/- 50	LARGE & SMALL MISSILE IMPACT
			WOOD	SCHLAGE F SERIES LOCKSET, KWICK SET SIGNATURE LOCKSET		
OXXO, OXX, XXO, XX, OXO, OX, XO, X	35.75" X 79.25"	35.75" X 78.5"	COMPOSITE	SCHLAGE F SERIES LOCKSET, KWICK SET SIGNATURE LOCKSET	+/- 50	
OXXO, OXX, XXO, XX			WOOD	SCHLAGE F SERIES LOCKSET, KWICK SET SIGNATURE LOCKSET	+/- 60	
OXO, OX, XO, X	35.75" X 79.25"	35.75" X 78.5"	WOOD	SCHLAGE F SERIES LOCKSET, KWICK SET SIGNATURE LOCKSET	+/- 65	

WATER TEST PRESSURE: 9.75 PSF



215 EAST ROOSEVELT AVE.
ZEELAND, MICHIGAN, 49464

PH: (800) 253-3900


TITLE:

OUTSWING FLUSH GLAZED FIBERGLASS DOOR (HVHZ)(IMPACT)

GENERAL 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



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

FL #:

FL47392

DATE: 02.20.2025

DWG. BY: JR

CHK. BY: HFN

SCALE: NTS

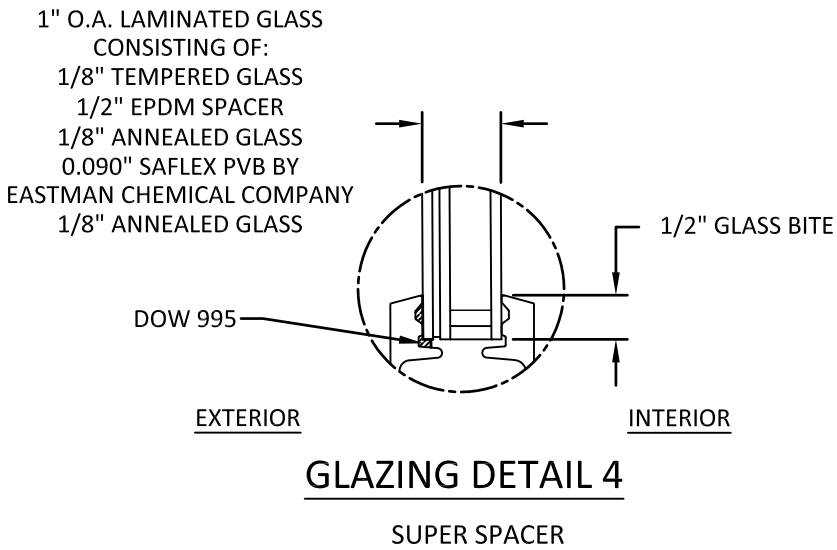
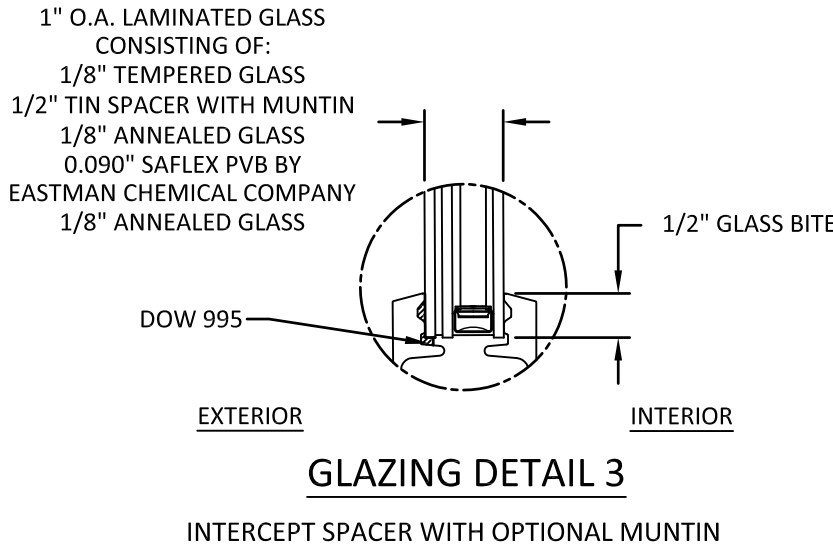
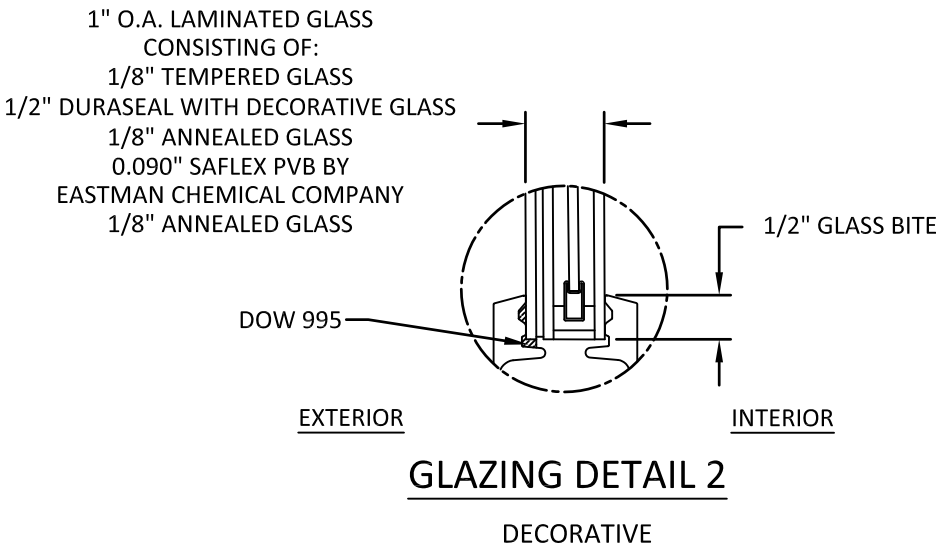
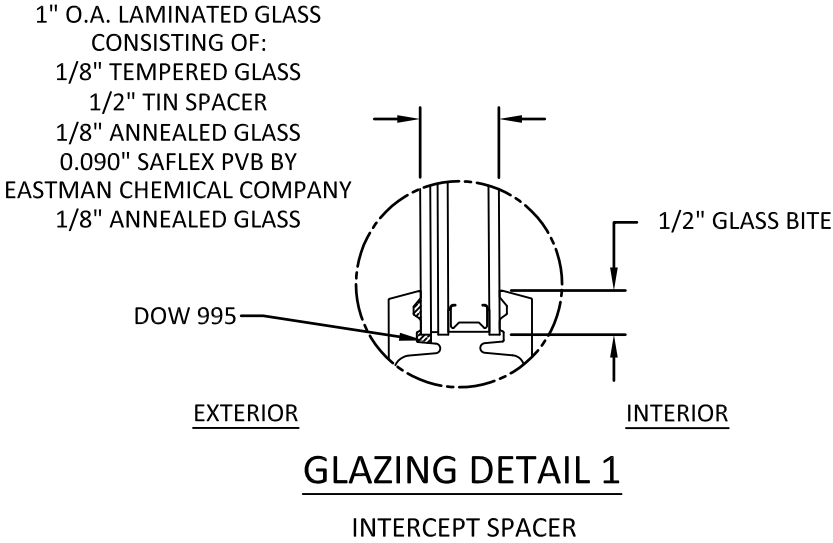
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1

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- GLAZING NOTES:
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX. VALUES SHOWN HEREIN



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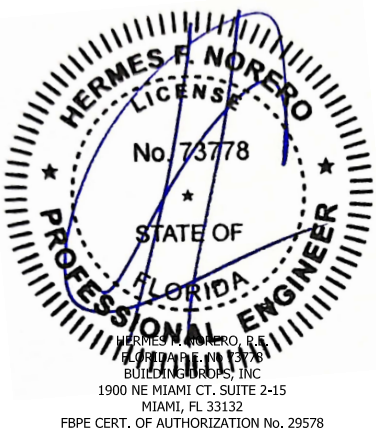
TITLE: OUTSWING FLUSH
GLAZED FIBERGLASS
DOOR (HVHZ)/(IMPACT)
GLAZING DETAILS

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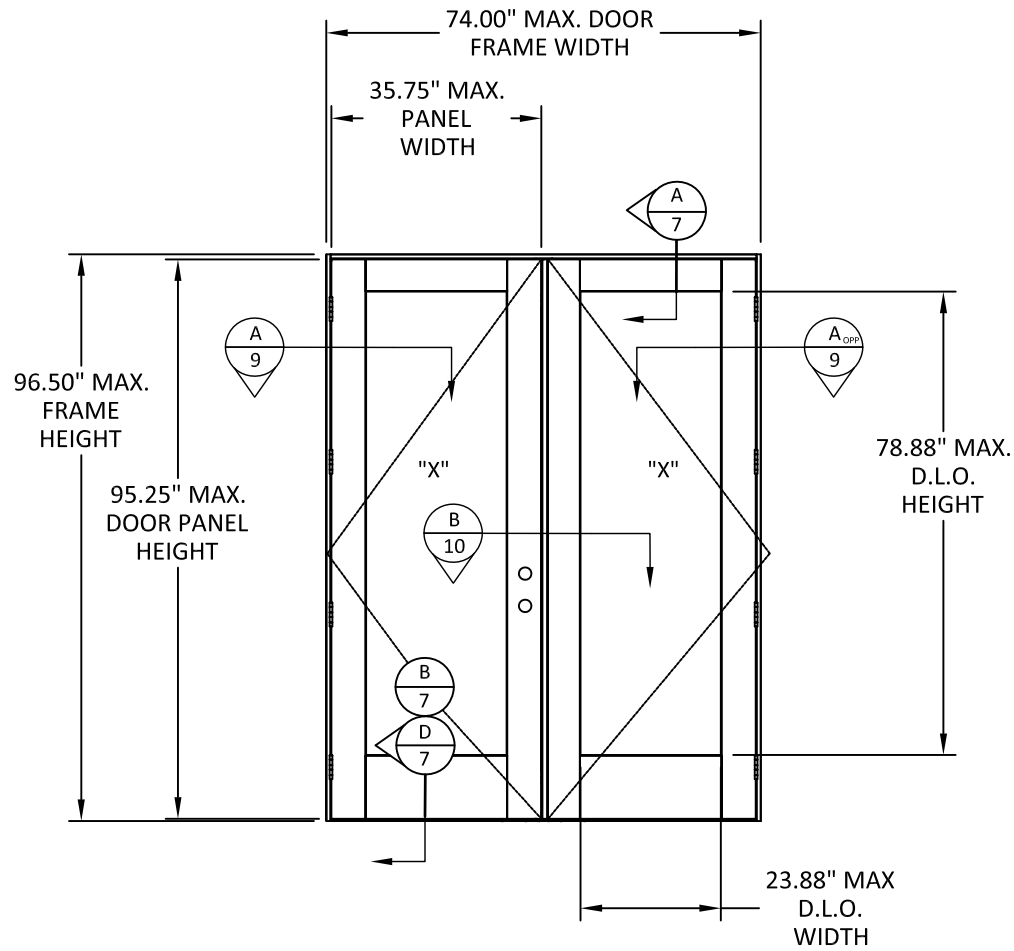
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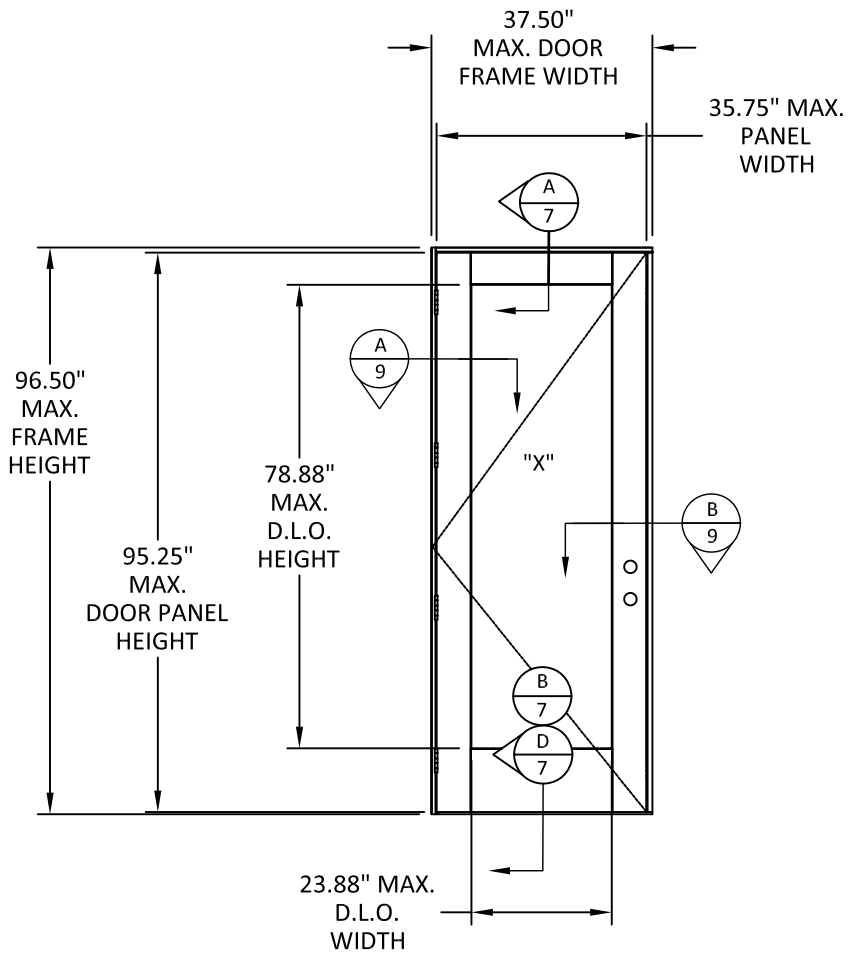
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JR	HFN
SCALE:	NTS
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ELEVATION
OXO CONFIGURATION

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ELEVATION
XX CONFIGURATION



ELEVATION
X CONFIGURATION



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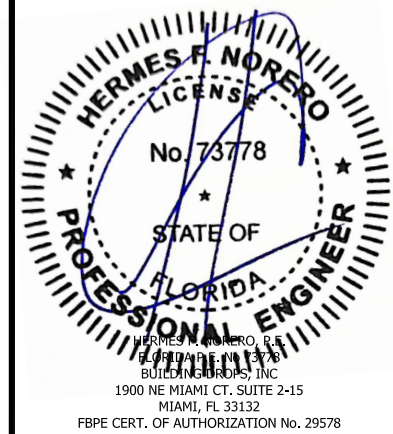
TITLE: OUTSWING FLUSH
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ELEVATIONS

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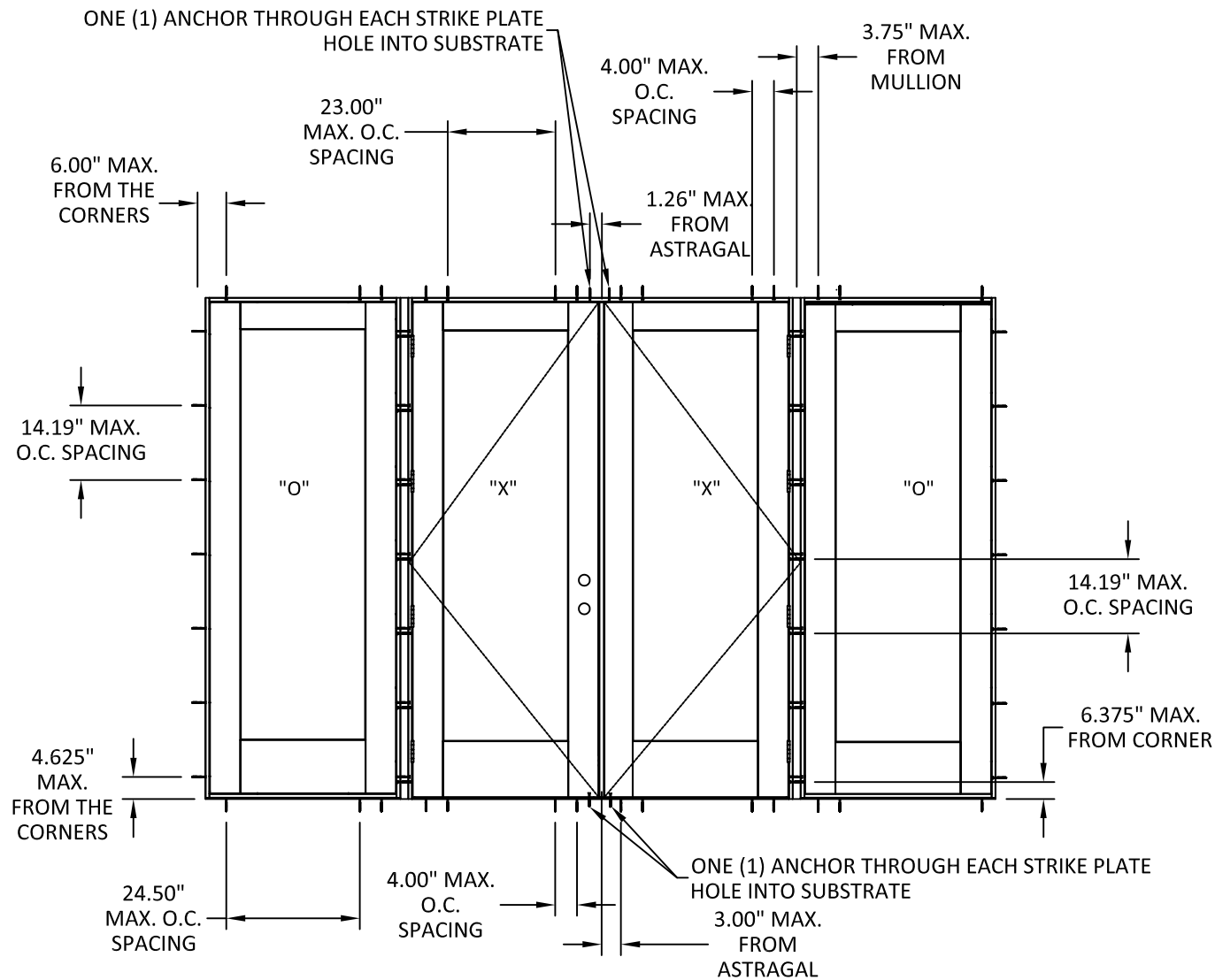
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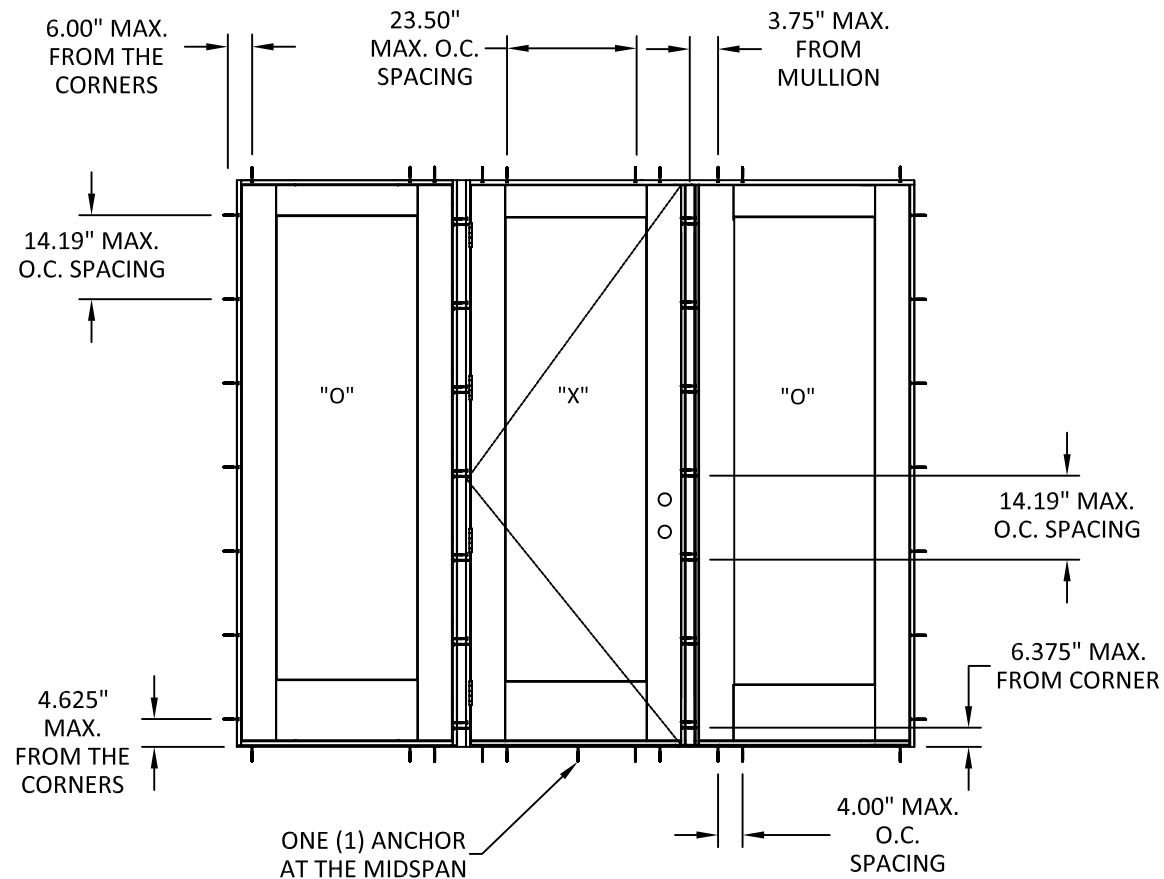
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ANCHOR LAYOUT
OXXO CONFIGURATION
THROUGH FRAME INSTALLATION

96.5" CONFIGURATION SHOWN



ANCHOR LAYOUT
OXO CONFIGURATION
THROUGH FRAME INSTALLATION



215 EAST ROOSEVELT AVE.
ZEELAND, MICHIGAN, 49464

PH: (800) 253-3900

TITLE: OUTSWING FLUSH
GLAZED FIBERGLASS
DOOR (HVHZ)/(IMPACT)
ANCHOR LAYOUT

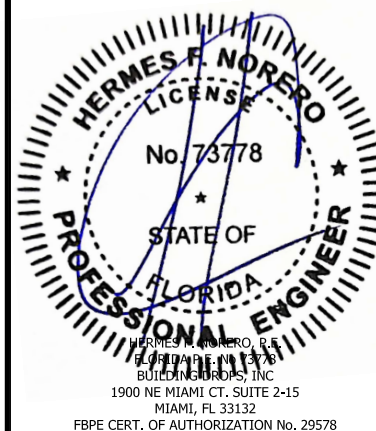
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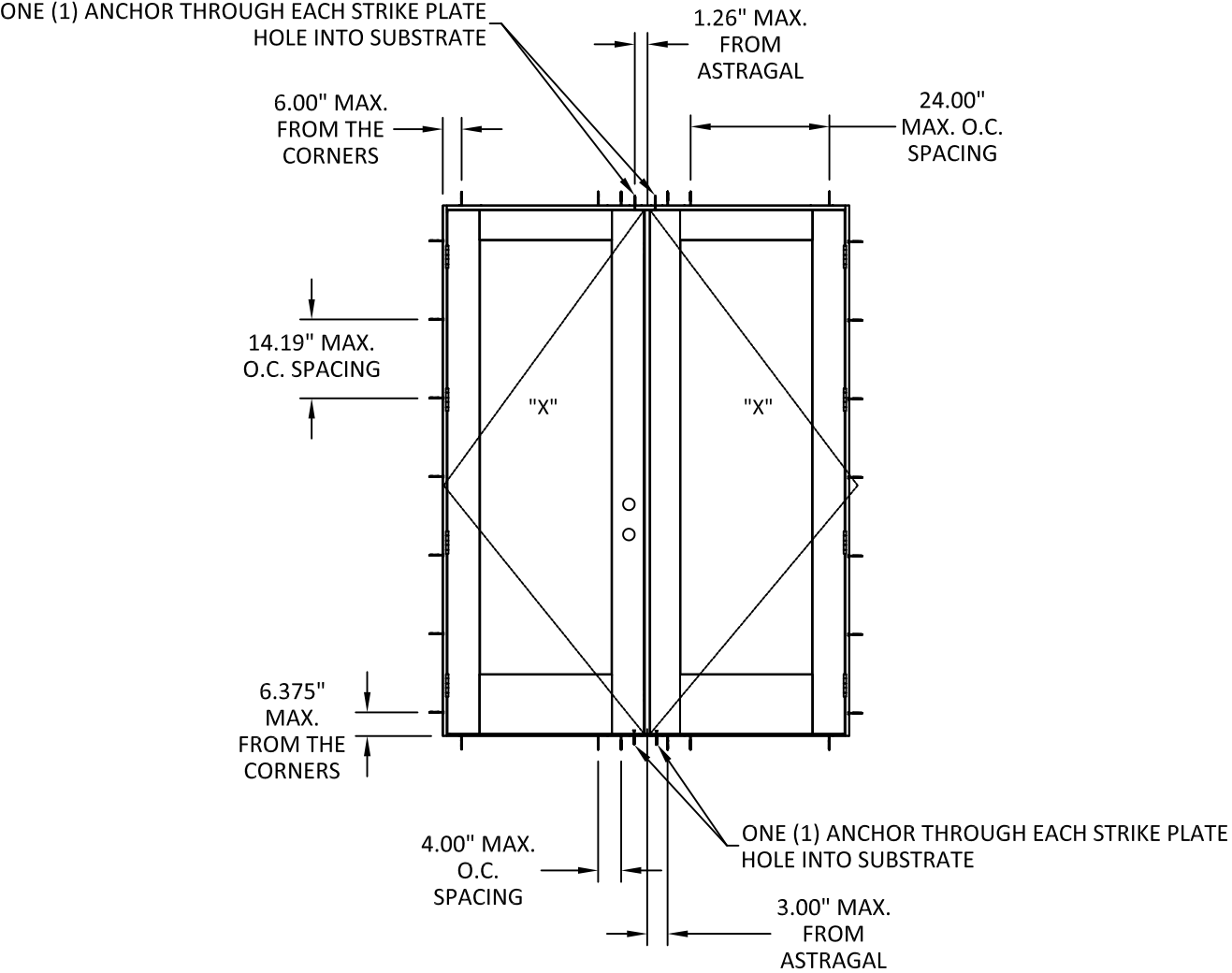
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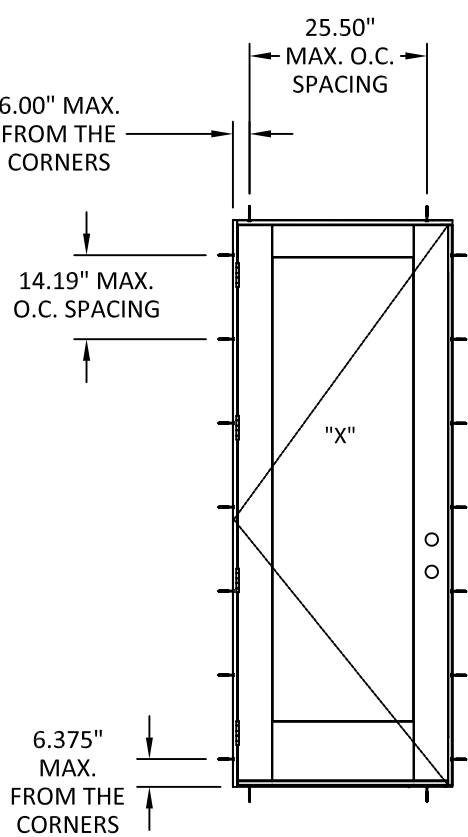
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ANCHOR LAYOUT
XX CONFIGURATION
THROUGH FRAME INSTALLATION

96.5" CONFIGURATION SHOWN



ANCHOR LAYOUT
X CONFIGURATION
THROUGH FRAME INSTALLATION



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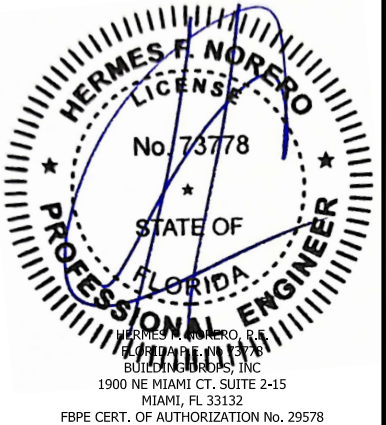
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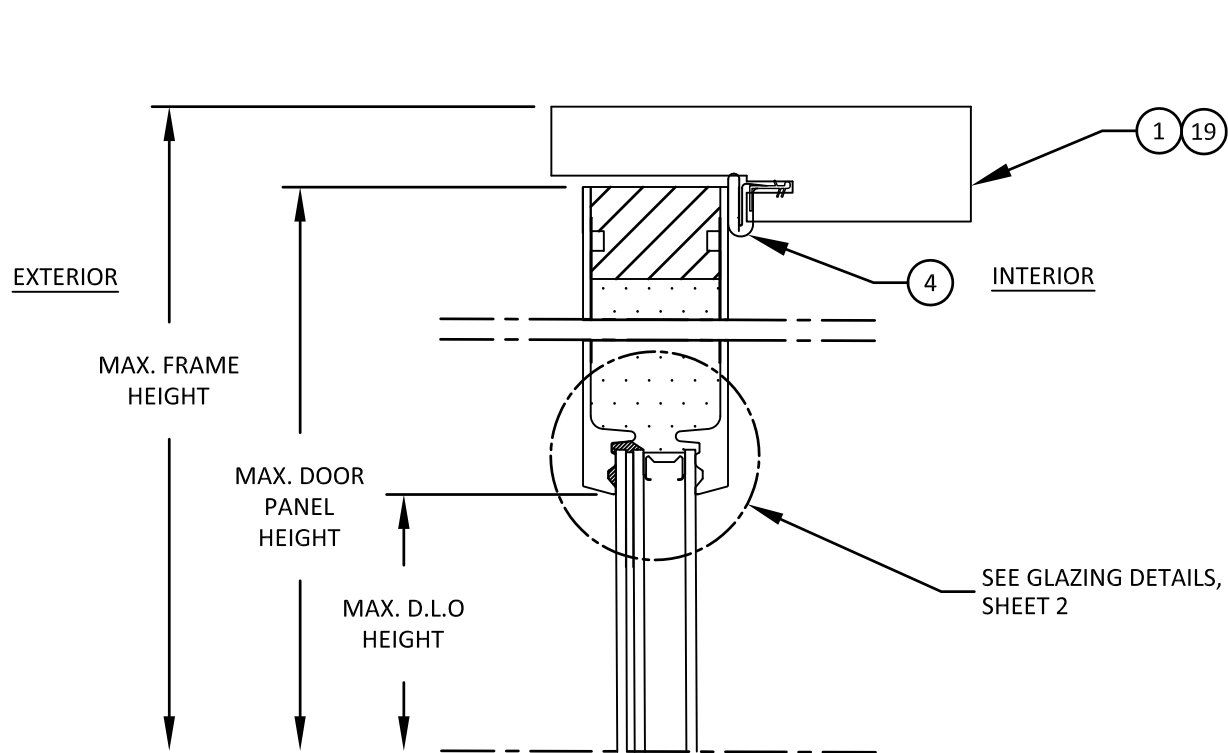
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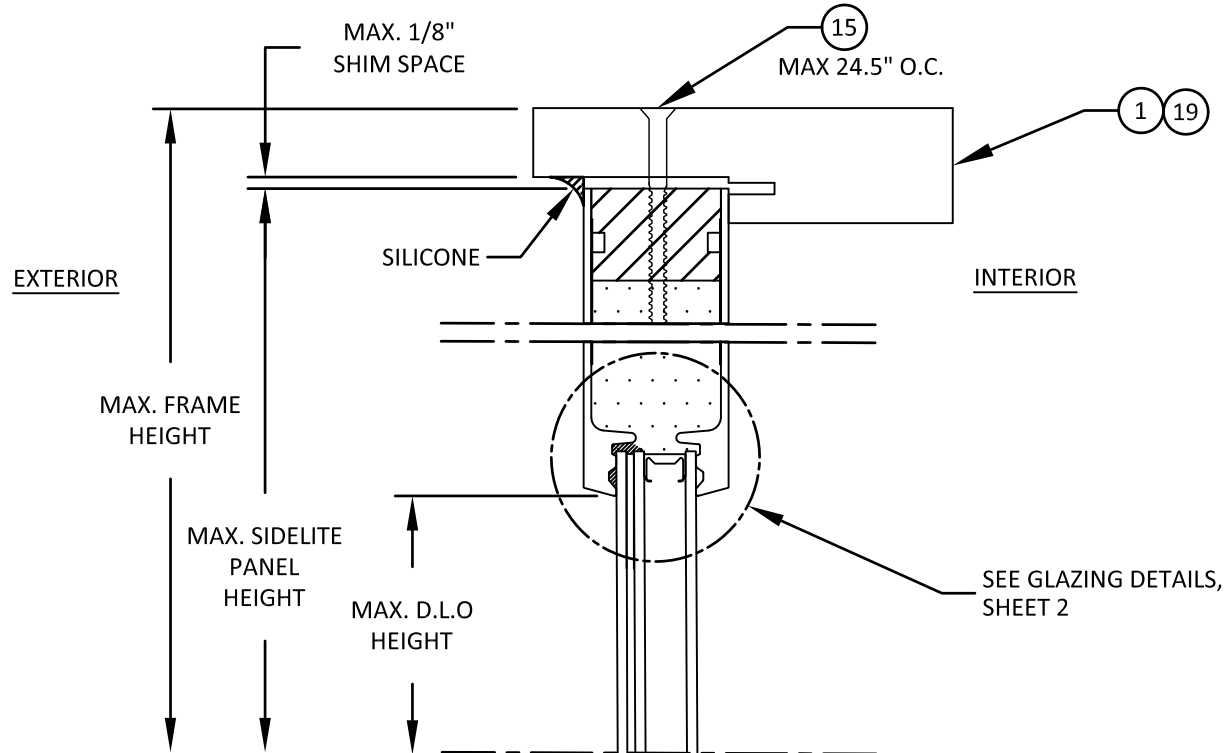
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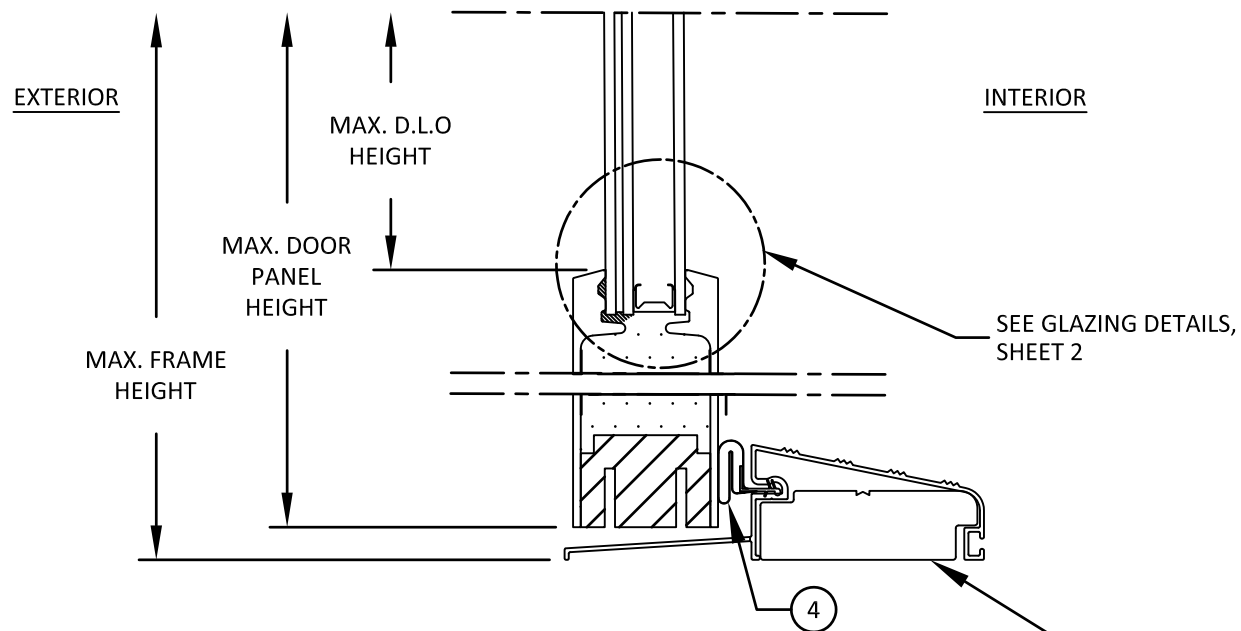
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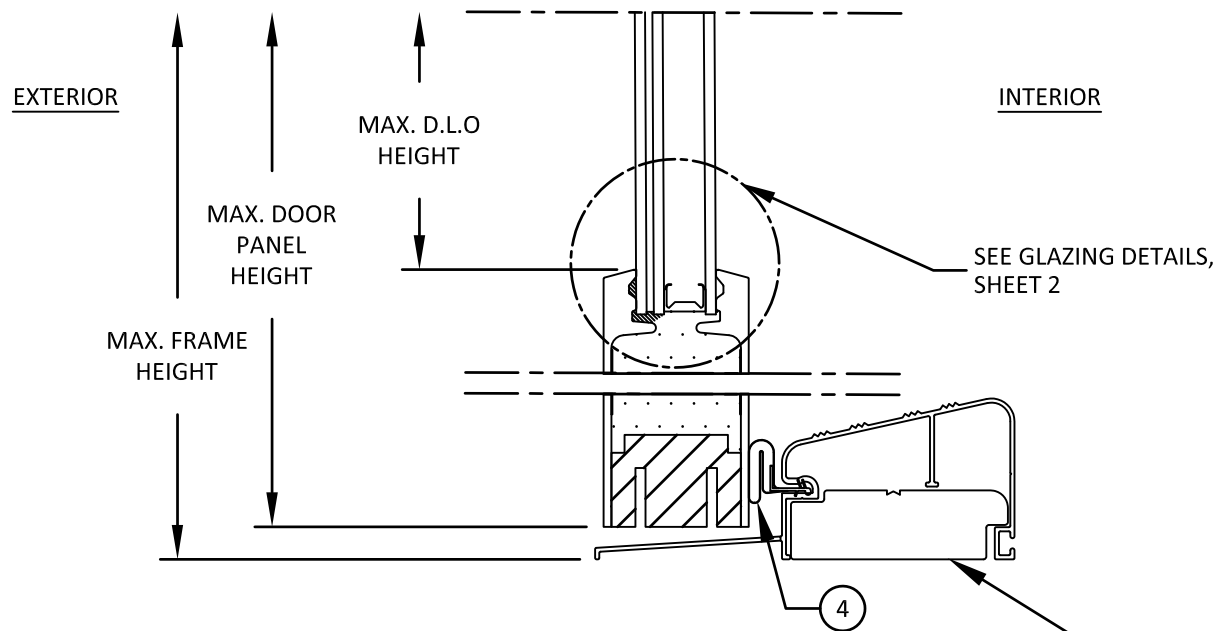
A
7 VERTICAL SECTION
TYP. HEAD DETAIL



C
7 VERTICAL SECTION
TYP. SIDELITE HEAD DETAIL



B
7 VERTICAL SECTION
TYP. QOSH SILL DETAIL
WATER TEST PRESSURE: 9.75 PSF



D
7 VERTICAL SECTION
TYP. QOSR SILL DETAIL
WATER TEST PRESSURE: 9.75 PSF



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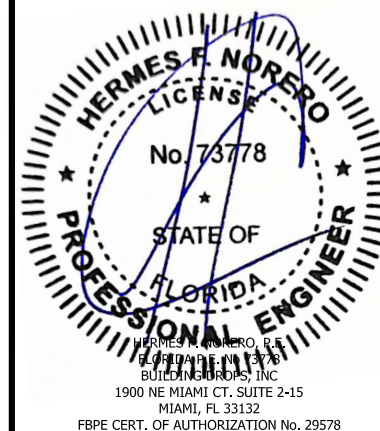
TITLE: OUTSWING FLUSH
GLAZED FIBERGLASS
DOOR (HVHZ)/(IMPACT)
VERTICAL SECTIONS

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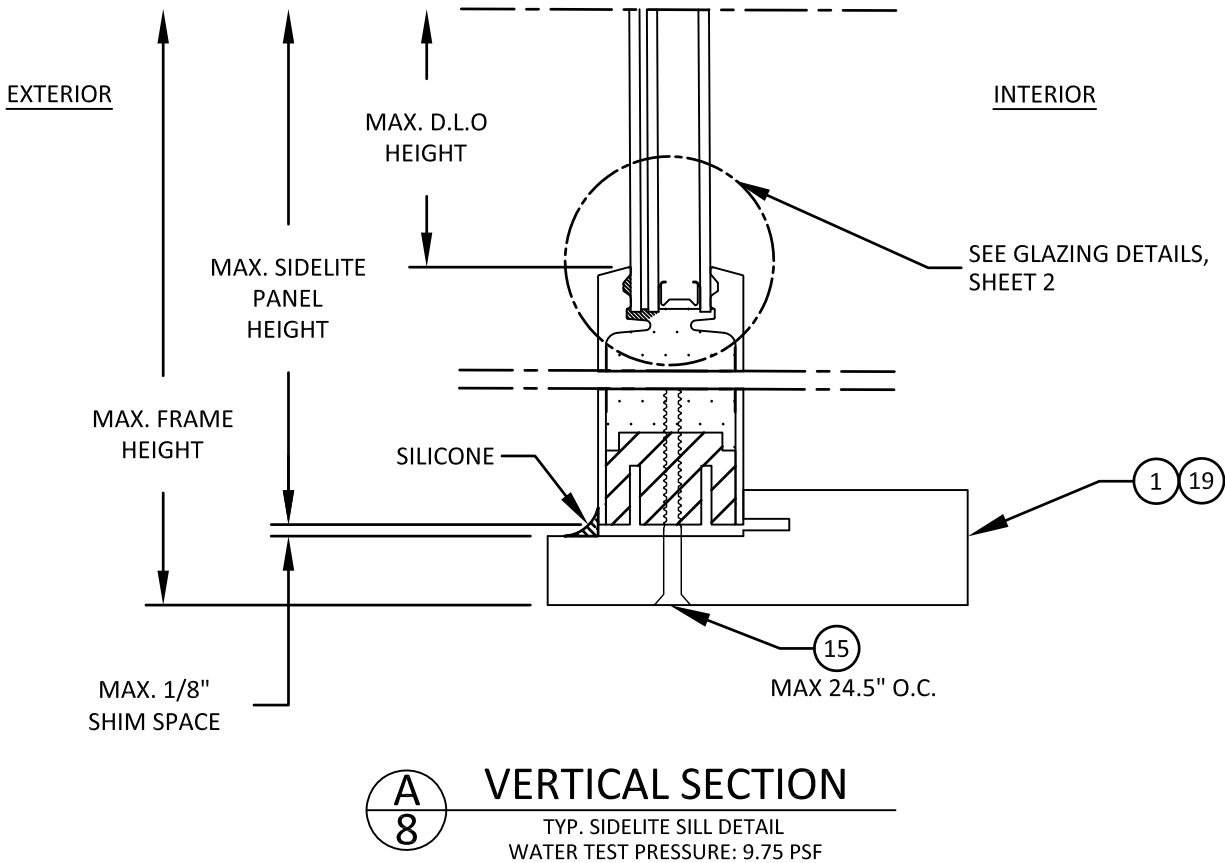
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JR	HFN
SCALE:	NTS
DWG. #:	ODL004
SHEET:	7

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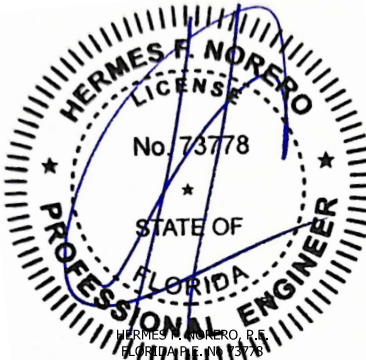
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HERMES F. NORERO, P.E.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL47392

DATE: 02.20.2025

DWG. BY: JR
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SCALE: NTS

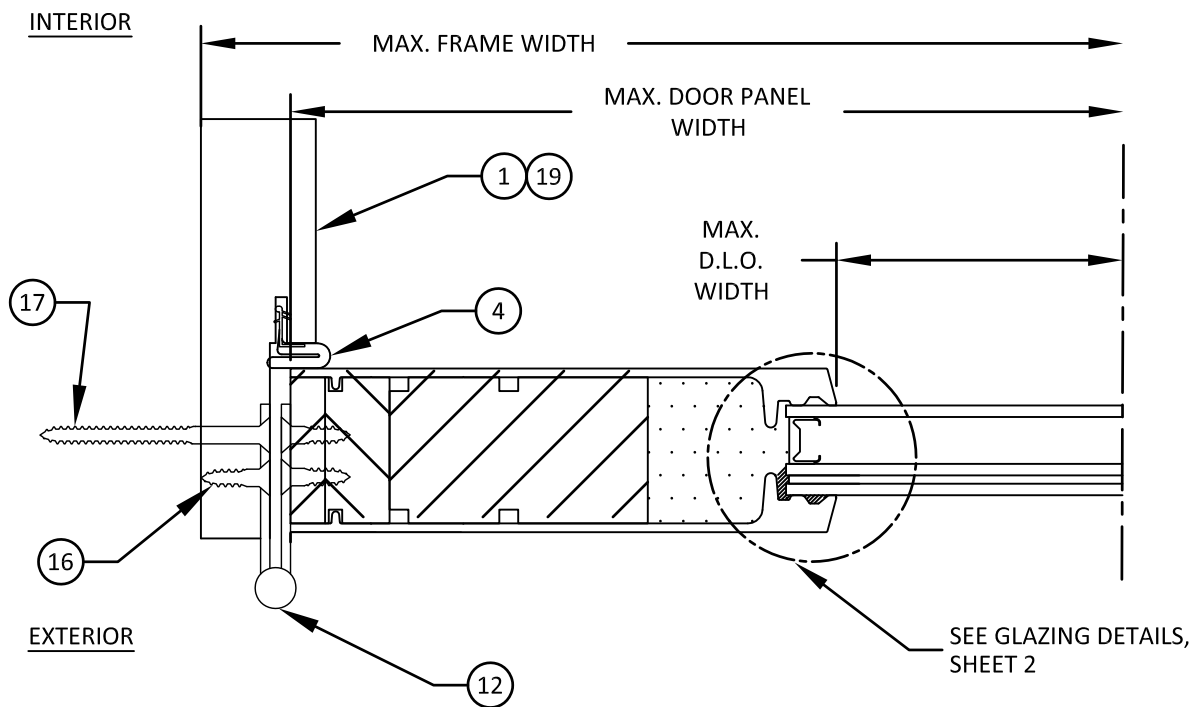
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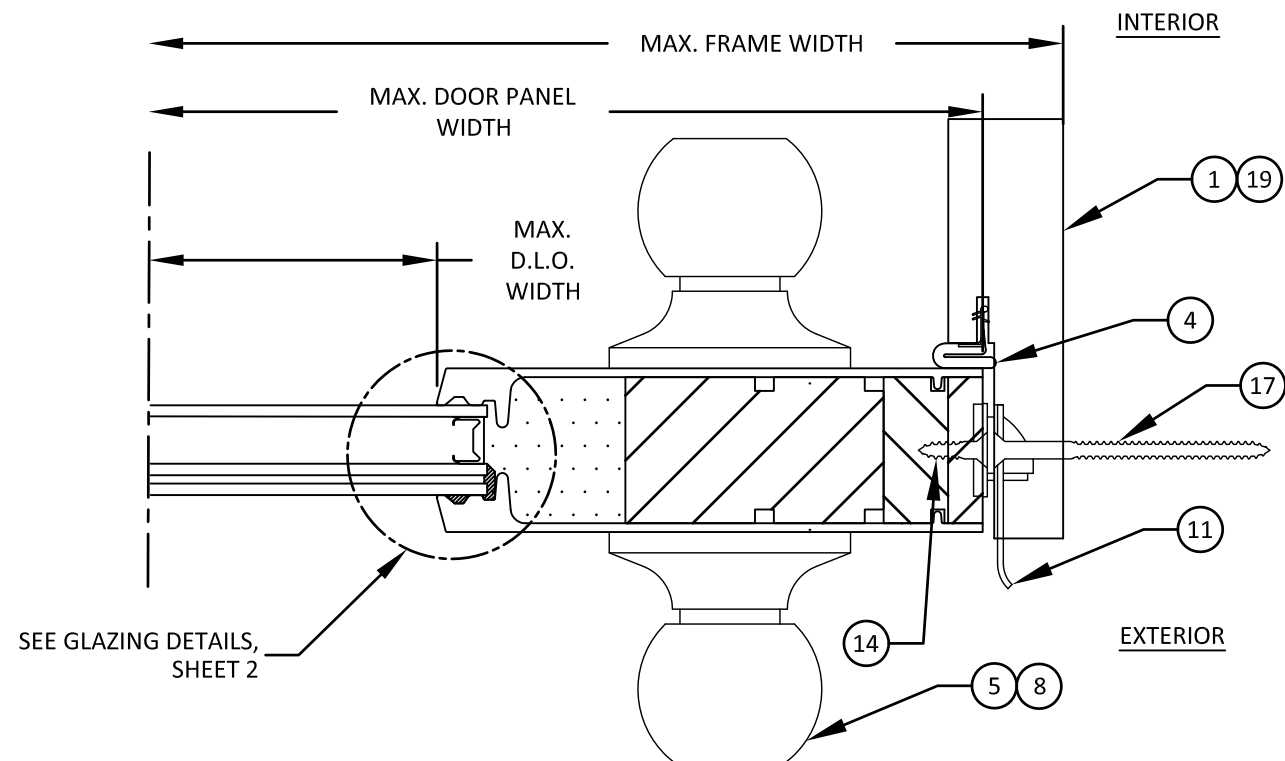
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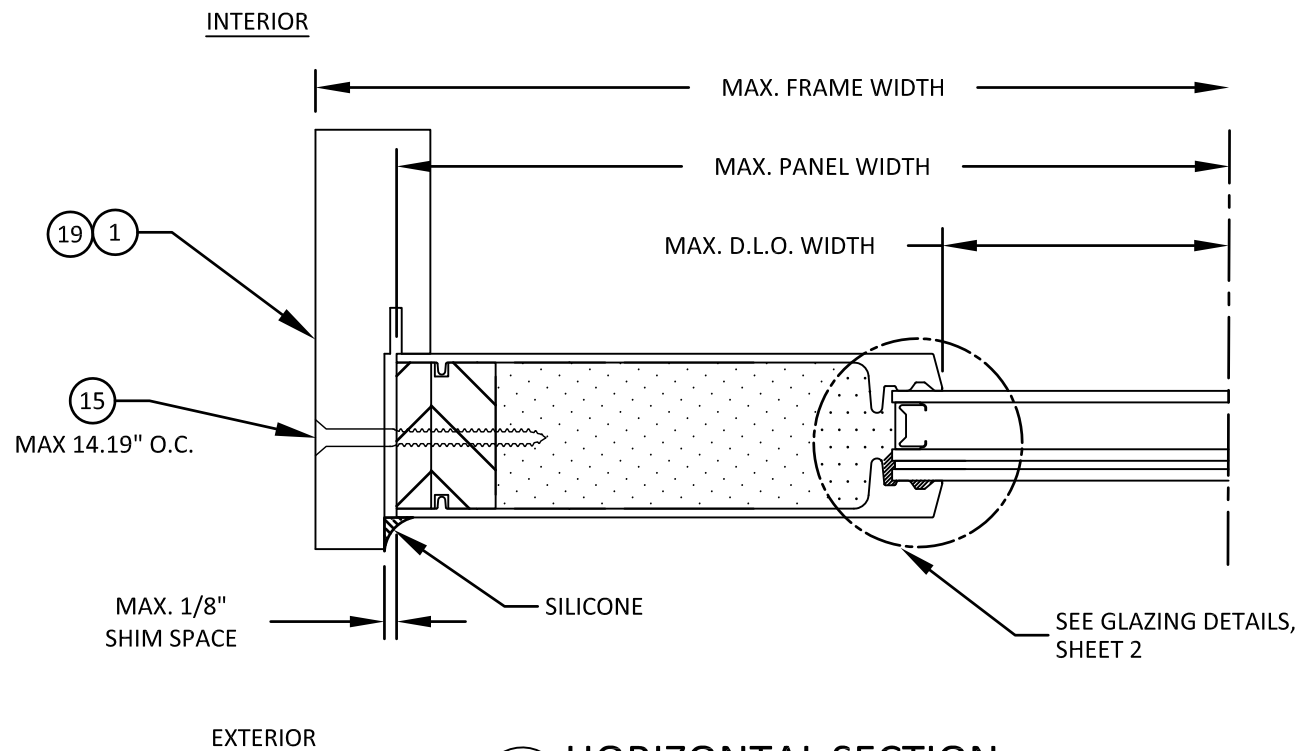
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A
9 **HORIZONTAL SECTION**
TYP. HINGE JAMB DETAIL



B
9 **HORIZONTAL SECTION**
TYP. LOCK JAMB DETAIL



C
9 **HORIZONTAL SECTION**
TYP. JAMB SIDELITE DETAIL



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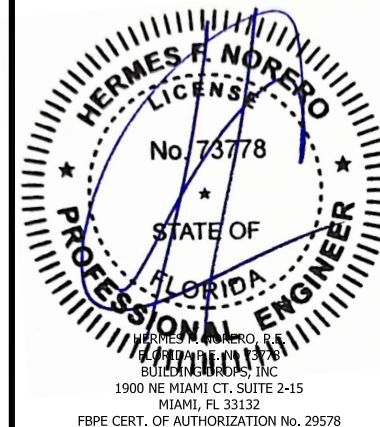
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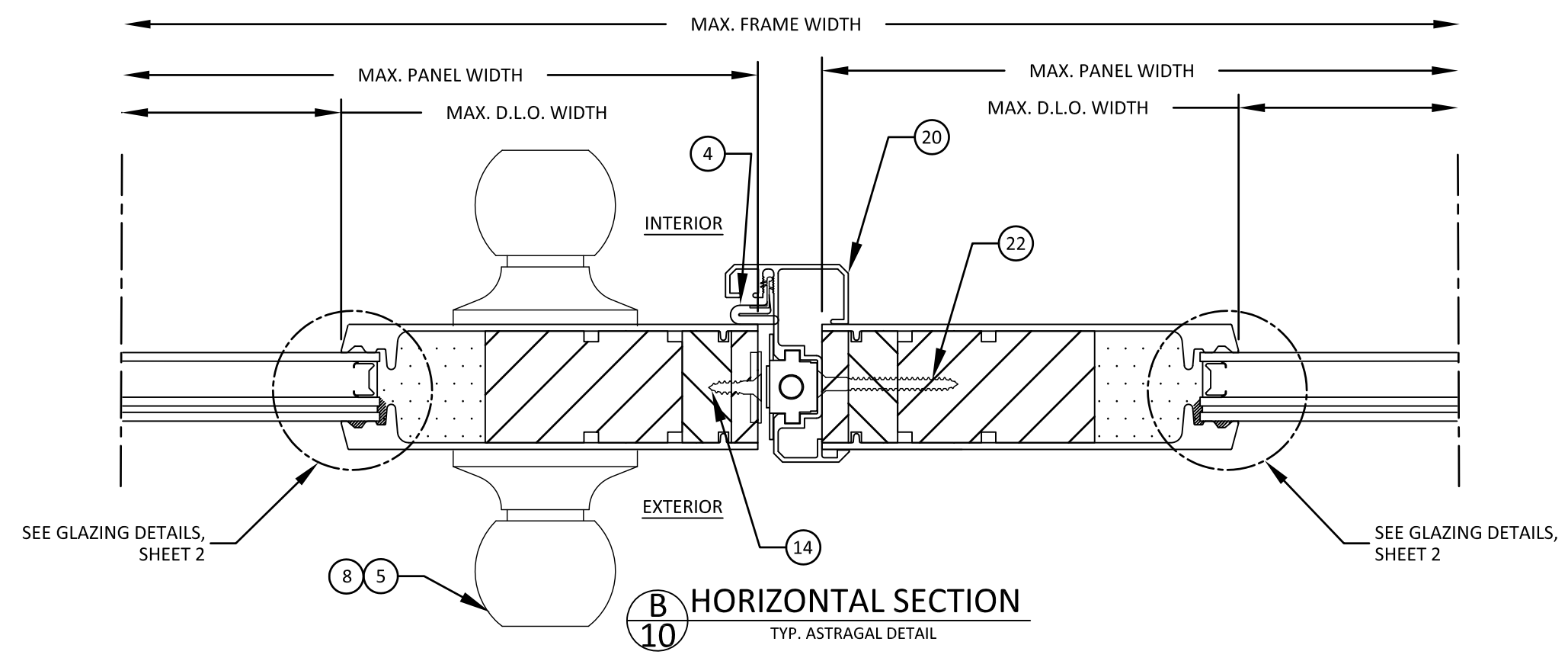
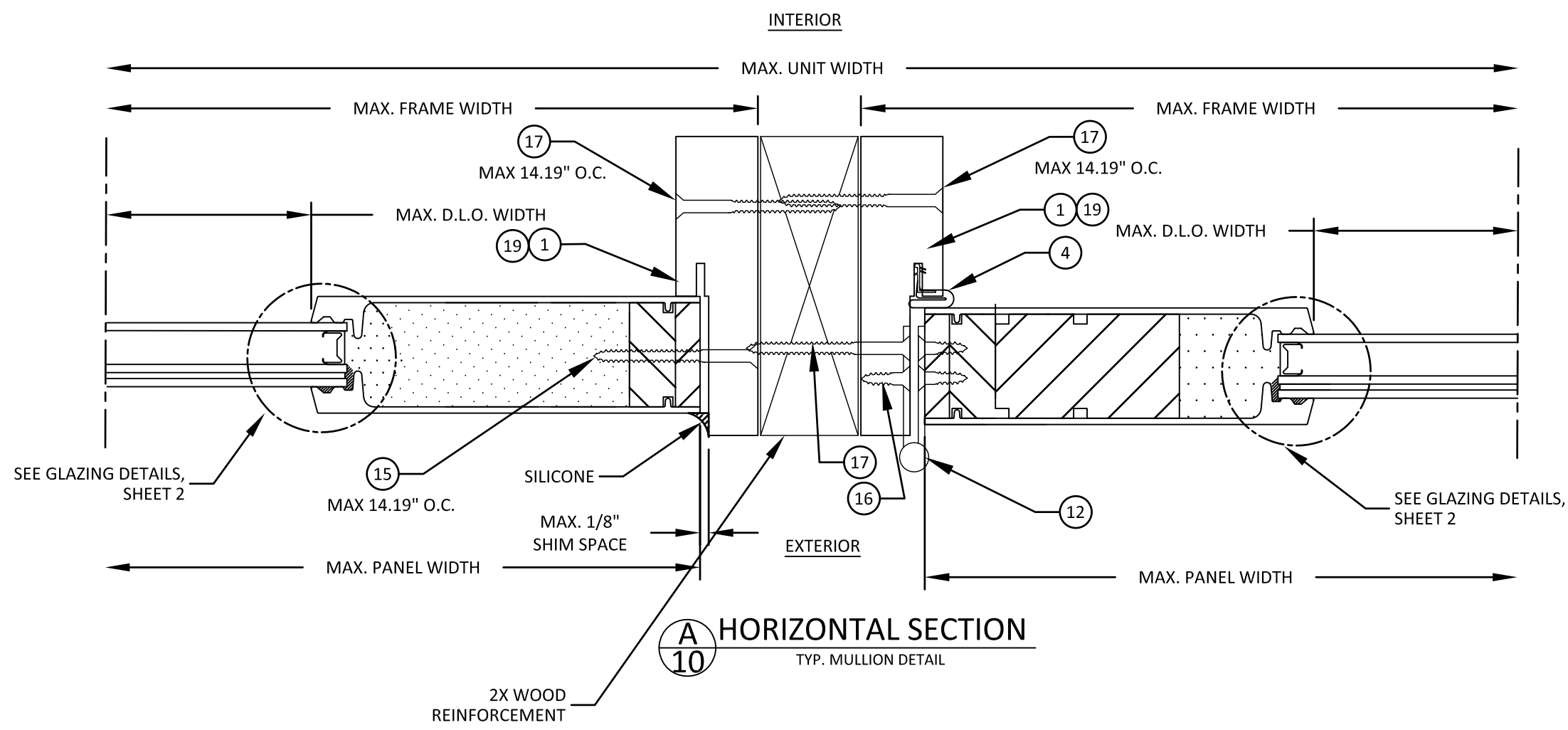
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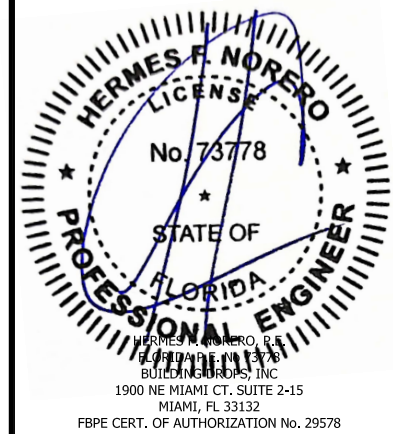
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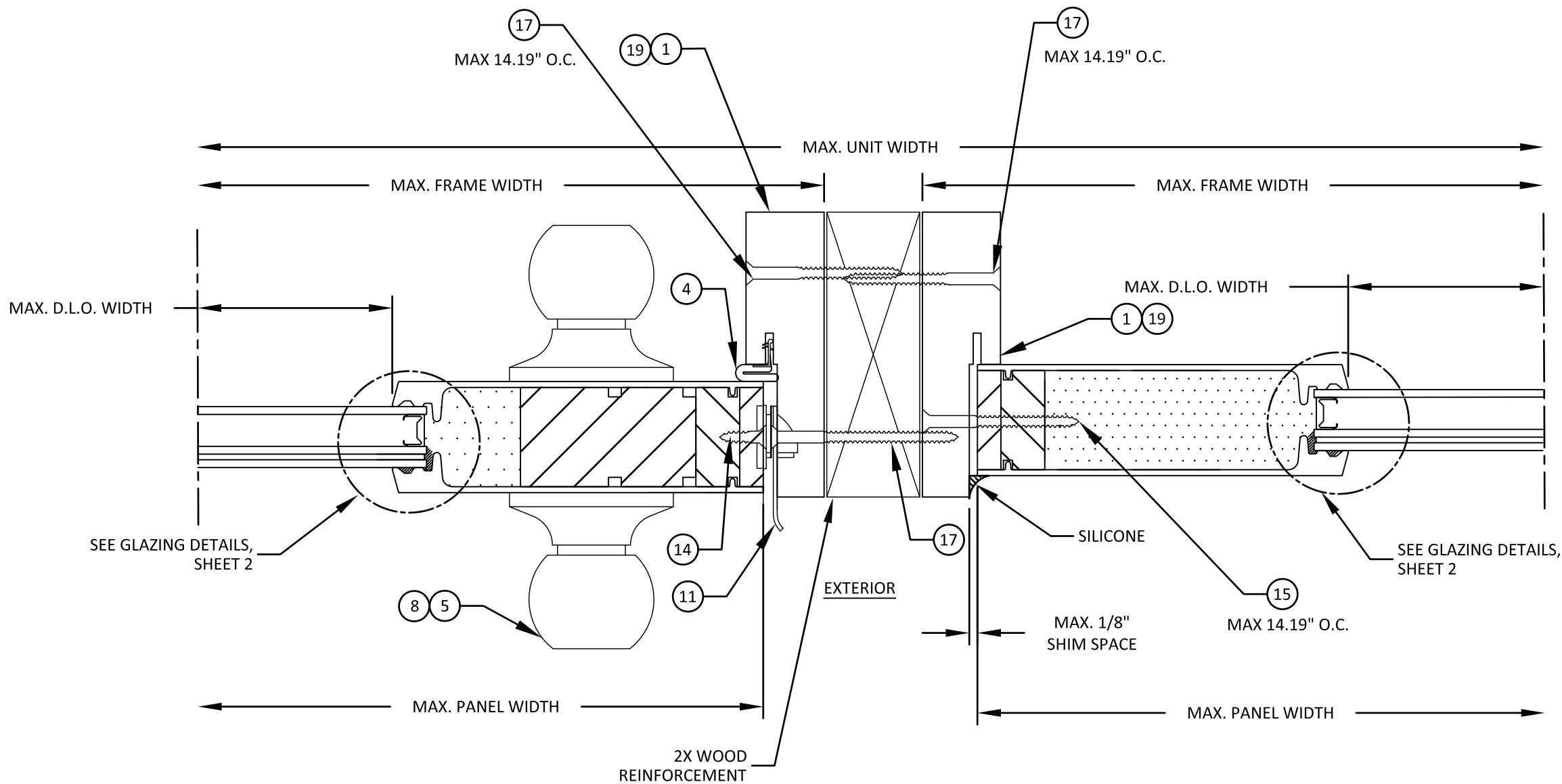
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A
11 HORIZONTAL SECTION
TYP. MULLION DETAIL



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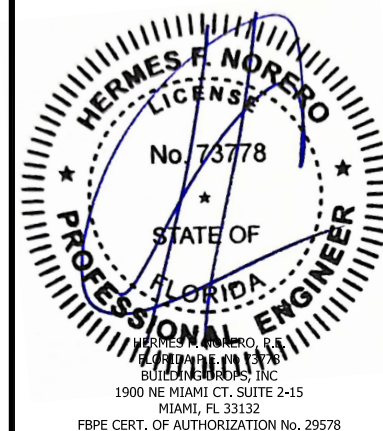
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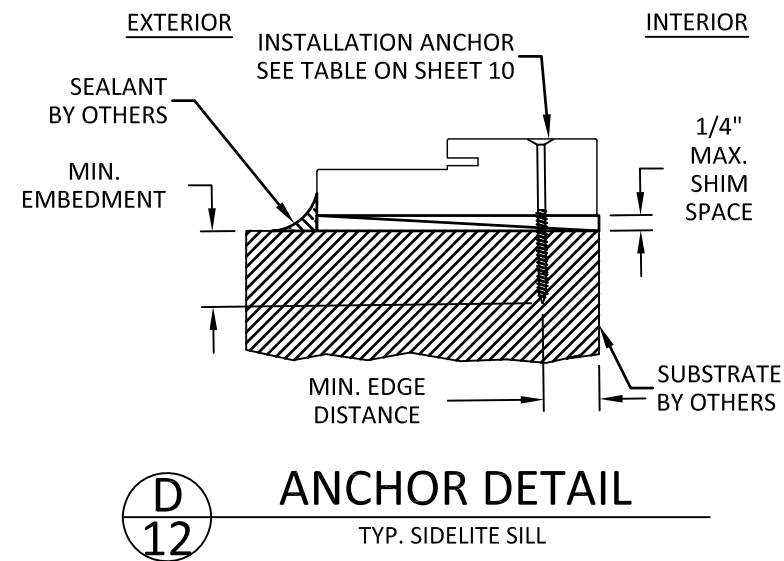
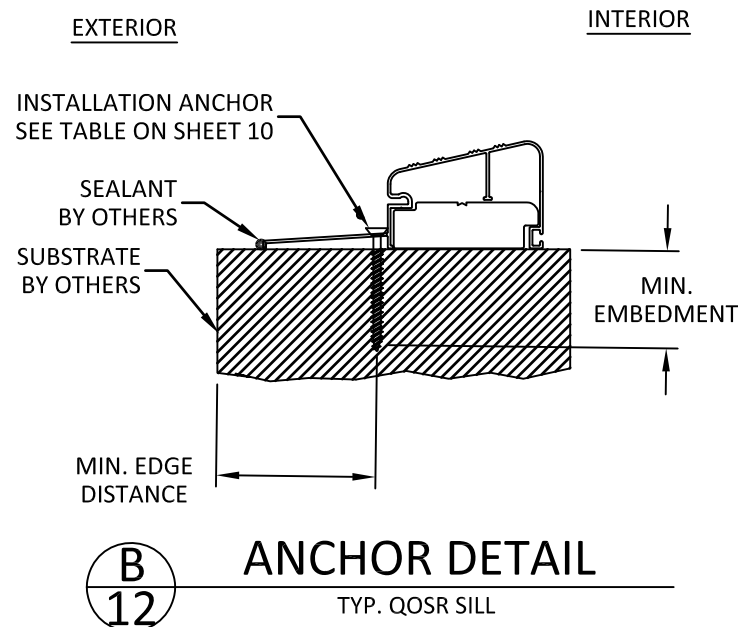


REMARKS	BY	DATE

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DWG. BY:	JR	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	ODL004	
SHEET:	11 OF 13	

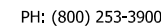


1. ONE (1) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN ON SHEET 10, UNLESS OTHERWISE STATED ON SHEET 4.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION 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.
4. 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.
5. 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.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. 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.
9. 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	#10 WOOD SCREW	1.5"	0.625"
	CONCRETE (MIN. f'c = 3000 PSI) OR CMU (PER ASTM C90)	3/16" OR 1/4" ITW TAPCON	1.0"	2.0"
		3/16" OR 1/4" DEWALT ULTRACON	1.75"	2.5"
	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"

NOTE: HEAD SHOWN, JAMB SIMILAR

NOTE: SILL SHOWN, HEAD AND JAMB SIMILAR

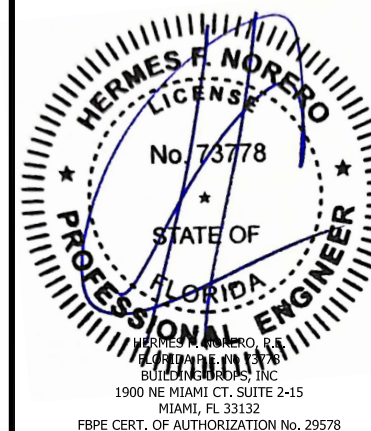


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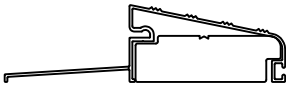
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	FINGER JOINT PINE JAMB	WOOD
2	DLP QOSH OUTSWING THRESHOLD	ALUMINUM & COMPOSITE
3	DLP QOSR HIGH DAM OUTSWING THRESHOLD	ALUMINUM & COMPOSITE
4	WEATHER STRIP	FOAM
5	SCHLAGE F SERIES LOCKSET	STEEL
6	SCHLAGE DEADBOLT	STEEL
7	SCHLAGE DEAD BOLT STRIKE PLATE	STEEL
8	KWICK SET SIGNATURE SERIES LOCKSET	STEEL
9	KWICK SET SIGNATURE DEAD BOLT	STEEL
10	KWICK SET DEAD BOLT STRIKE PLATE	STEEL
11	LATCH STRIKE PLATE	STEEL
12	4" X 4" HINGE	STEEL
13	#8 X 5/8" PFH WOOD SCREW	STEEL
14	#8 X 1" PFH WOOD SCREW	STEEL
15	#8 X 2.5" PFH WOOD SCREW	STEEL
16	#9 X 3/4"" PFH WOOD SCREW	STEEL
17	#10 X 3" PFH WOOD SCREW	STEEL
18	FLAT STAPLE 7/16" X 2"	STEEL
19	STARLINK SURE JAMB	COMPOSITE
20	DLP ALUMINUM ASTRAGAL (FLAT PROFILE)	ALUMINUM
21	ASTRAGAL STRIKE PLATE	STEEL
22	#8 X 2" FH SELF MACHINING SCREW	STEEL

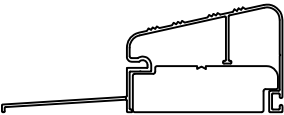
1 FINGER JOINT PINE JAMB



2 DLP QOSH OUTSWING THRESHOLD



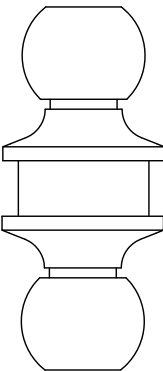
3 DLP QOSR HIGH DAM OUTSWING THRESHOLD



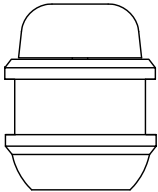
4 WEATHER STRIP



5 SCHLAGE F SERIES LOCKSET



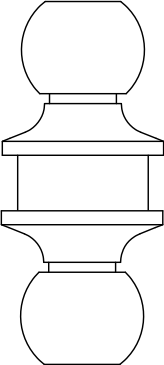
6 SCHLAGE DEADBOLT



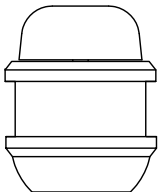
7 SCHLAGE DEAD BOLT STRIKE PLATE



8 KWICK SET SIGNATURE SERIES LOCKSET



9 KWICK SET SIGNATURE DEAD BOLT



10 KWICK SET DEAD BOLT STRIKE PLATE



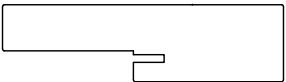
11 LATCH STRIKE PLATE



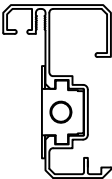
12 4" X 4" HINGE



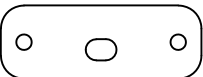
19 STARLINK SURE JAMB



20 DLP ALUMINUM ASTRAGAL (FLAT PROFILE)



21 ASTRAGAL STRIKE PLATE



215 EAST ROOSEVELT AVE.
ZEELAND, MICHIGAN, 49464

PH: (800) 253-3900

OUTSWING FLUSH
GLAZED FIBERGLASS
DOOR (HVHZ)/(IMPACT)

BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.

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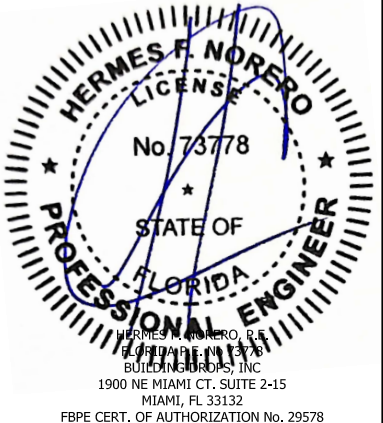


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