INSTALLATION NOTES:

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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.
- 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
- 5. FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- 6. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT.
- 7. FOR INSTALLATION THROUGH METAL FRAME USE #10-24 SELF-DRILLING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME
- 8. FOR INSTALLATION THROUGH ALUMINUM MULLION USE #10-24 SELF-DRILLING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND ALUMINUM FRAME
- 9. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 10.INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 11.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.
- 12.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.
- 13.INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
- A. WOOD MINIMUM SPECIFIC GRAVITY OF 0.55.
- B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
- C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90.
- D. STEEL MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
- E. ALUMINUM MINIMUM 1/16 INCH THICK 6063-T5 ALUMINUM.

ARCADIA INC.

IPMS-362 SERIES DOOR (WZ3) (IMPACT)

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN **EVALUATED ACCORDING TO THE FOLLOWING:**
 - ASTM E1886-13a
 - ASTM E1996-17
 - ASTM E330-14
 - ASTM E331-00(2009)
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING 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. 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 NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONES 3 OR LESS.
- 6. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND
- 7. DOOR FRAME MATERIAL: ALUMINUM 6063-T5
- 8. ALL STRUCTURAL MATERIALS & DISSIMILIAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
- 9. GLASS SHALL MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAILS.

TABLE OF CONTENTS			
SHEET DESCRIPTION			
1	INSTALLATION & GENERAL NOTES		
2	2 ELEVATION & ANCHOR LAYOUT		
3	GLAZING DETAILS		
4	4 VERTICAL SECTIONS		
5	5 HORIZONTAL SECTIONS		
6	6 BILL OF MATERIALS & COMPONENTS		

DESIGN PRESSURE TABLE				
MAX. FRAME SIZE	MAX. DP	IMPACT RATING		
38" X 86"	+20/-20 PSF	LMI & SMI		



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INSTALLATION & GENERAL NOTES

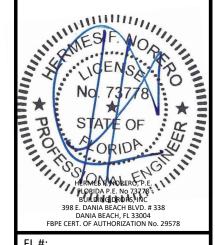
IPMS-362 SERIES DOO (WZ3) (IMPACT)

REMARKS

DROPS, IACH BLVD., STE. ACH, FL 33004 4) 399-8478 54) 744.4738 UILDING I 398 E. DANIA BEA DANIA BEA PH: (954 FAX: (954 B

BY DATE

ND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECI SITE, IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIAT FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSEI ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC



FL40955 DATE: 02.07.22

DWG. BY: R.P.

SCALE: NTS

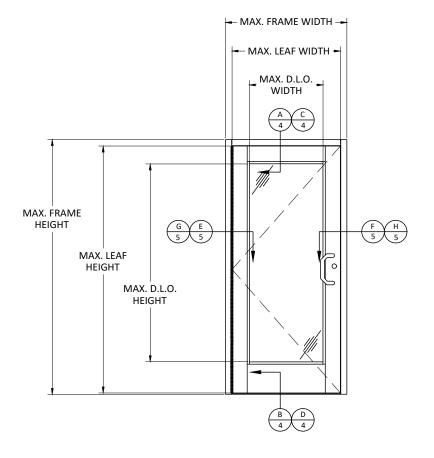
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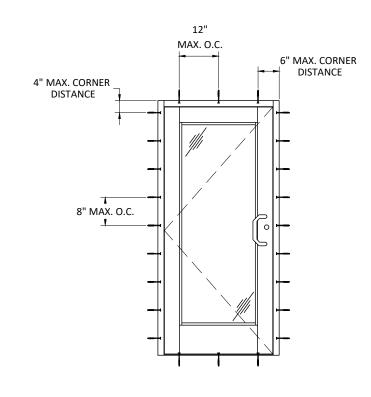
SHEET:

CHK. BY:

HFN

DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		"X" CONFIGURATION	
FRAME	FRAME		
WIDTH	HEIGHT	EXT. (+)	INT. (-)
'in.'	'in.'	,	
26.0		20.0	20.0
30.0	66.0	20.0	20.0
34.0		20.0	20.0
38.0		20.0	20.0
42.0		18.1	18.1
46.0		16.5	16.5
48.0		15.8	15.8
26.0		20.0	20.0
30.0		20.0	20.0
34.0		20.0	20.0
38.0	70.0	20.0	20.0
42.0		18.1	18.1
46.0		16.5	16.5
28.0		20.0	20.0
30.0		20.0	20.0
34.0	74.0	20.0	20.0
38.0		20.0	20.0
42.0		18.1	18.1
44.0		17.3	17.3
26.0		20.0	20.0
30.0		20.0	20.0
34.0	78.0		
	78.0	20.0	20.0
38.0		20.0	20.0
41.0		18.5	18.5
26.0		20.0	20.0
30.0	82.0	20.0	20.0
34.0		20.0	20.0
39.0		19.5	19.5
26.0		20.0	20.0
30.0	86.0	20.0	20.0
34.0		20.0	20.0
38.0		20.0	20.0
26.0	90.0	20.0	20.0
30.0		20.0	20.0
34.0		20.0	20.0
36.0		20.0	20.0
26.0	94.0	20.0	20.0
30.0		20.0	20.0
34.0		20.0	20.0
26.0		20.0	20.0
30.0	98.0	20.0	20.0
33.0		20.0	20.0
26.0		20.0	20.0
30.0	102.0	20.0	20.0
32.0		20.0	20.0





ELEVATION

ANCHOR LAYOUT

D.L.O. WIDTH = FRAME WIDTH - 12.75" D.L.O. HEIGHT = FRAME HEIGHT - 16.875"

LEAF WIDTH = FRAME WIDTH - 2.5" LEAF HEIGHT = FRAME HEIGHT - 2.5"

IPMS-362 SERIES DOOR ANCHOR TYPES				
ANCHOR TYPE	ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EDGE DISTANCE	MIN. EMBEDMENT
Α	#10 WOOD SCREW	WOOD MIN S.G. = 0.55	3/4"	1-1/2"
В	3/16" ITW TAPCON	CONCRETE MIN. 3000 PSI MASONRY CONFORMS TO ASTM C-90	2-1/2"	1-1/2"
С	#10-24 SELF DRILLING SCREW	STEEL MIN. YIELD STRENGTH 33 KSI, 18 GAUGE ALUMINUM MIN. 1/8" THICK 6063-T5	1/2"	3 THREADS PENETRATION



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IPMS-362 SERIES DOOR (WZ3) (IMPACT)

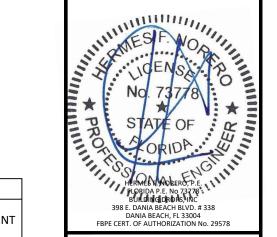
ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY:

BUILDING DROPS, IN
398 E. DANIA BEACH, EL 33004
PH: (954)7349-8478
FAX: (954)744,4738
FAX: whildingdrops.com

REMARKS BY DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENER AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF SITE, IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIAT FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT



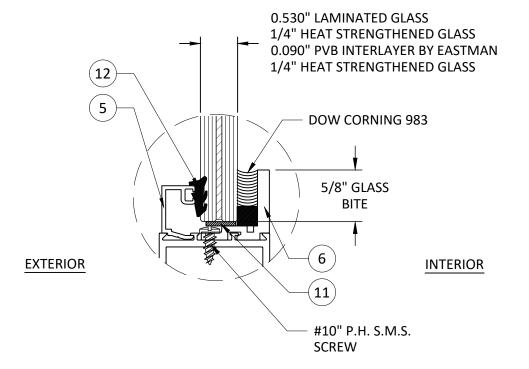
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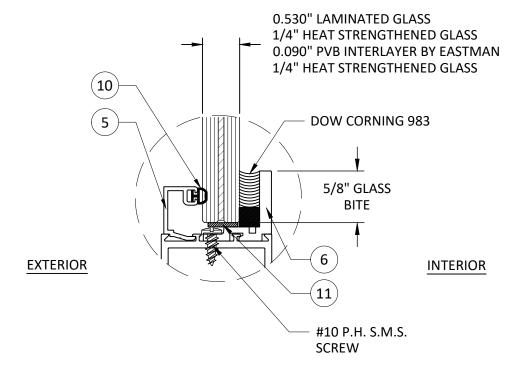
DATE: 02.07.22 DWG. BY: CHK. BY: HFN

R.P. NTS SCALE:

ARC006 DWG. #:

SHEET:



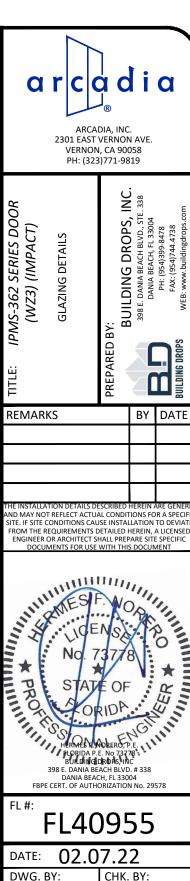


GLAZING DETAIL 1

GLAZING DETAIL 2

NOTES:

- 1. GLASS THICKNESS AND TYPE COMPLIES WITH ASTM E 1300 GLASS CHART REQUIREMENTS.
- ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN THE FBC.
- ALL LITES GREATER THAN 36" IN WIDTH SHALL UTILIZE SETTING BLOCKS IN ACCORDANCE WITH THE FBC. CH. 24
- 4. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE



DWG. BY:

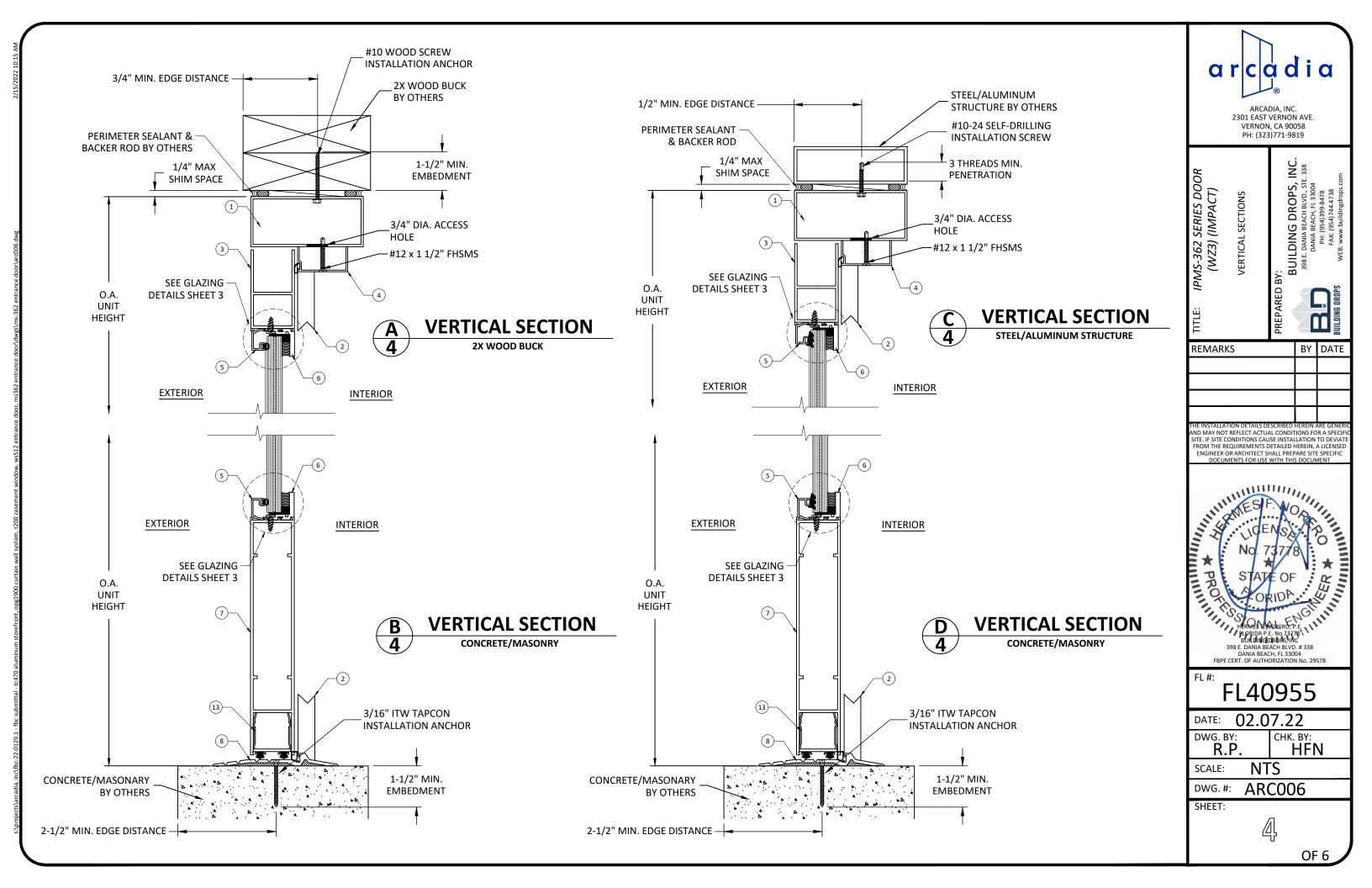
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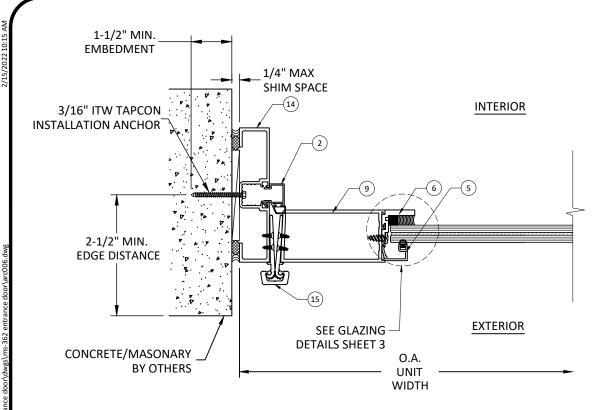
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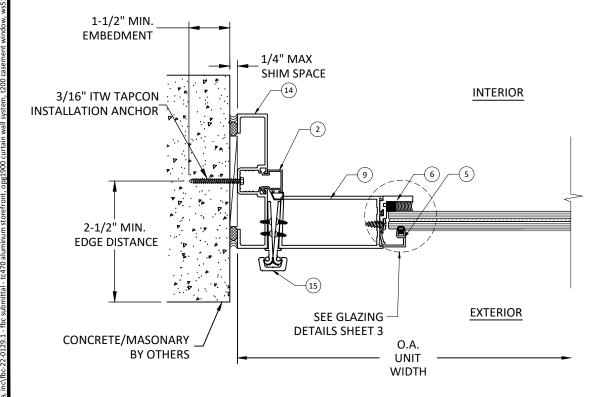
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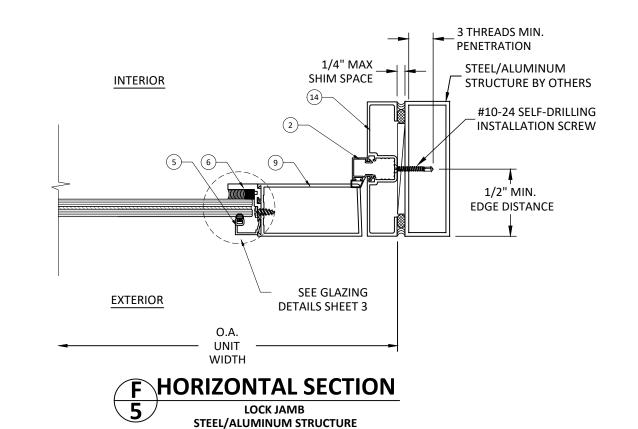


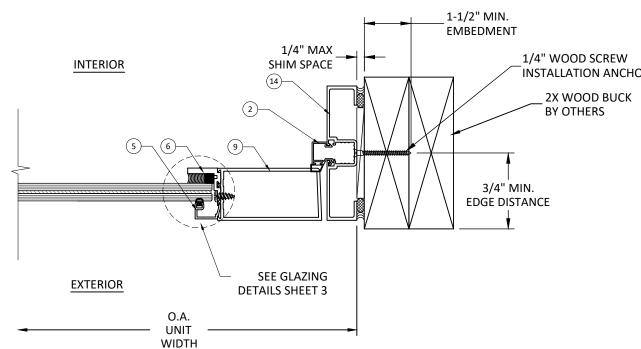


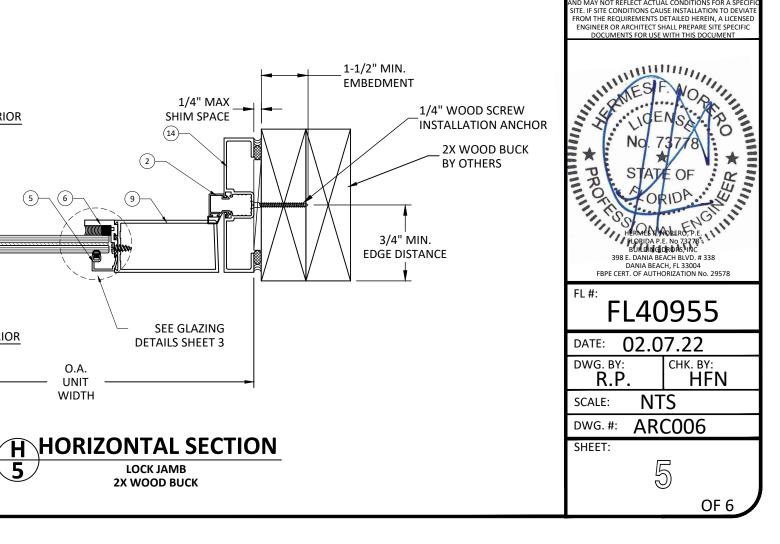












a r|c|a d i a ARCADIA, INC. 2301 EAST VERNON AVE. VERNON, CA 90058 PH: (323)771-9819

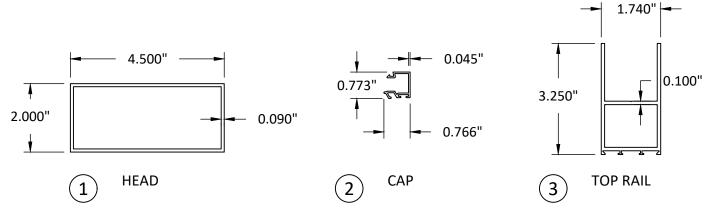
IPMS-362 SERIES DOOR (WZ3) (IMPACT)

BUILDING DROPS, IN 398 E. DANIA BEACH BLVD., STE. 3 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)344-4738 FAX: (954)344-4738

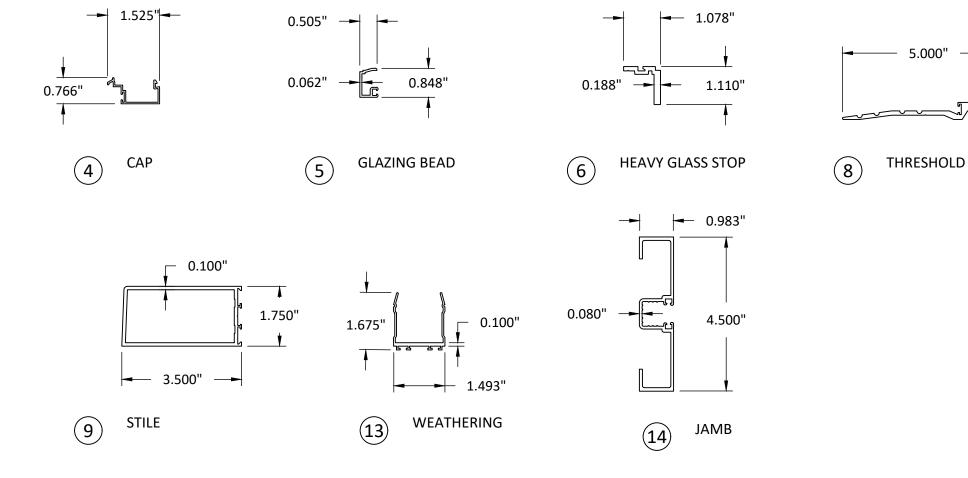
REMARKS BY DATE

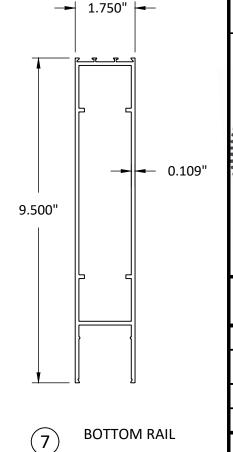
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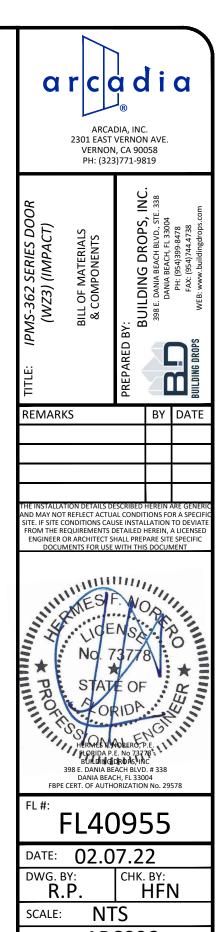
IPMS 362 ENTRANCE DOOR BILL OF MATERIALS				
ITEM #	PART#	DESCRIPTION	MATERIAL	MANUFACTURER
1	T-245	HEAD	6063-T5	ARCADIA
2	DS-45	САР	6063-T5	ARCADIA
3	DRB-803	TOP RAIL	6063-T5	ARCADIA
4	UCH-201	САР	6063-T5	ARCADIA
5	DS-004	GLAZING BEAD	6063-T5	ARCADIA
6	DS-007	HEAVY GLASS STOP	6063-T5	ARCADIA
7	DRB-950	BOTTOM RAIL	6063-T5	ARCADIA
8	TH-500	THRESHOLD	6063-T5	ARCADIA
9	DSO-901	STILE	6063-T5	ARCADIA
10	5051	BULB GASKET		ARCADIA
11		SETTING BLOCK		ARCADIA
12	E260-L	GASKET		ARCADIA
13	DRB-811	WEATHERING	6063-T5	ARCADIA
14	M-459	JAMB	6063-T5	ARCADIA
15		CONTINUOUS HINGE	STAINLESS STEEL	ARCADIA
16	MS-1850H	HOOK LOCK	STAINLESS STEEL	ADAMS RITE



0.500"







ARC006 DWG. #: SHEET: