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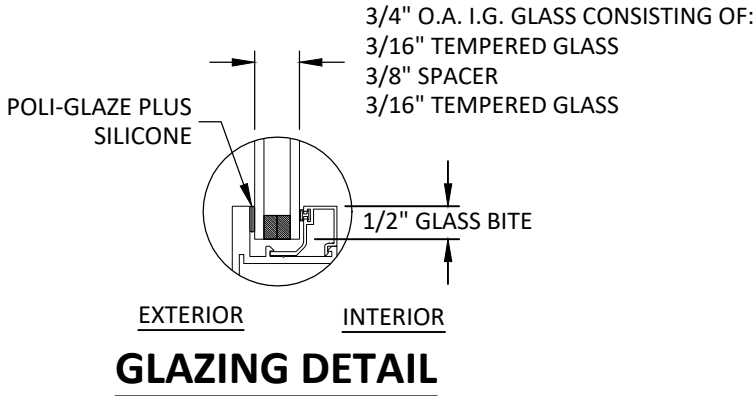
LA CANTINA DOORS

ALUMINUM SIDE-HINGED SWING DOOR

(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

- 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 E330-14
 - ASTM E283-04(12)
 - ASTM E547-00(09)
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- FRAME MATERIAL: *ALUMINUM 6063-T5*.
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 1.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:*
X: OPERABLE PANEL
O: FIXED PANEL



GLAZING NOTES:

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER CHAPTER 24 OF THE FBC

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SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAILS
2	ELEVATIONS AND DESIGN PRESSURE TABLE
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS
6	ANCHOR DETAILS



LA CANTINA DOORS
1875 ORD WAY
OCEANSIDE, CA 92056
PH: (760) 734-1590 FX: (760) 734-1591

TITLE:ALUMINUM SIDE-HINGED SWING DOOR (NON-HVHZ)(NON-IMPACT) GENERAL NOTES AND GLAZING DETAILS

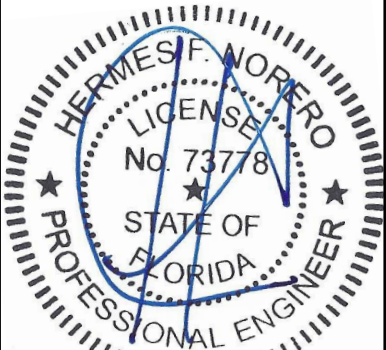
PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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REMARKS	BY	DATE
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Reason: I am approving this document
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FBPE CERT. OF AUTHORIZATION No. 29578

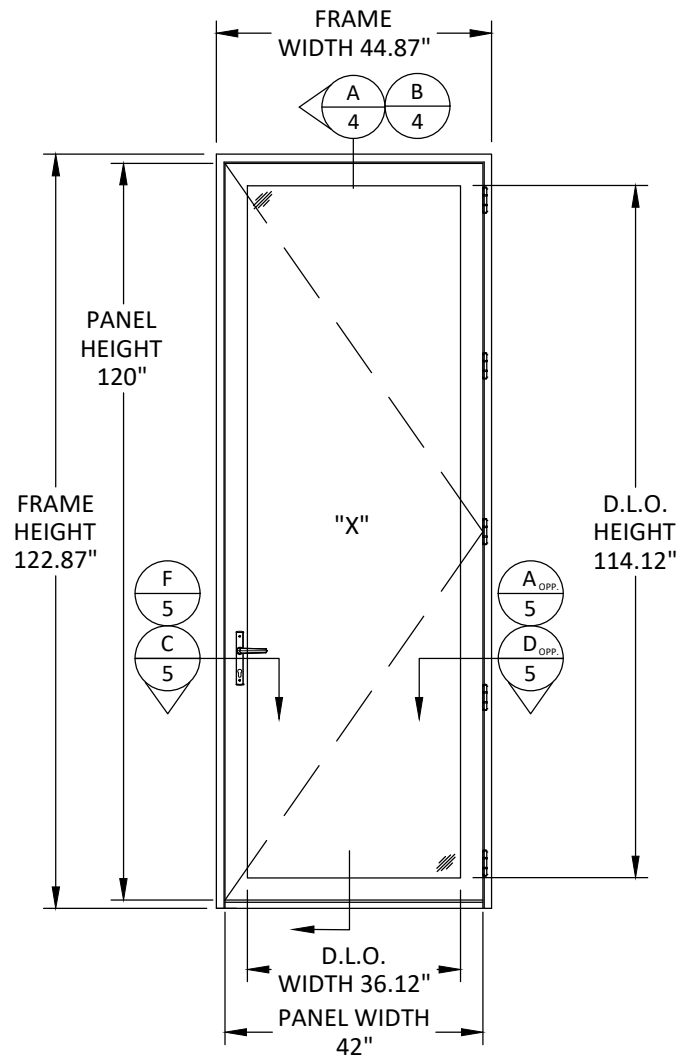
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SCALE:	NTS
DWG. #:	LCD002

SHEET

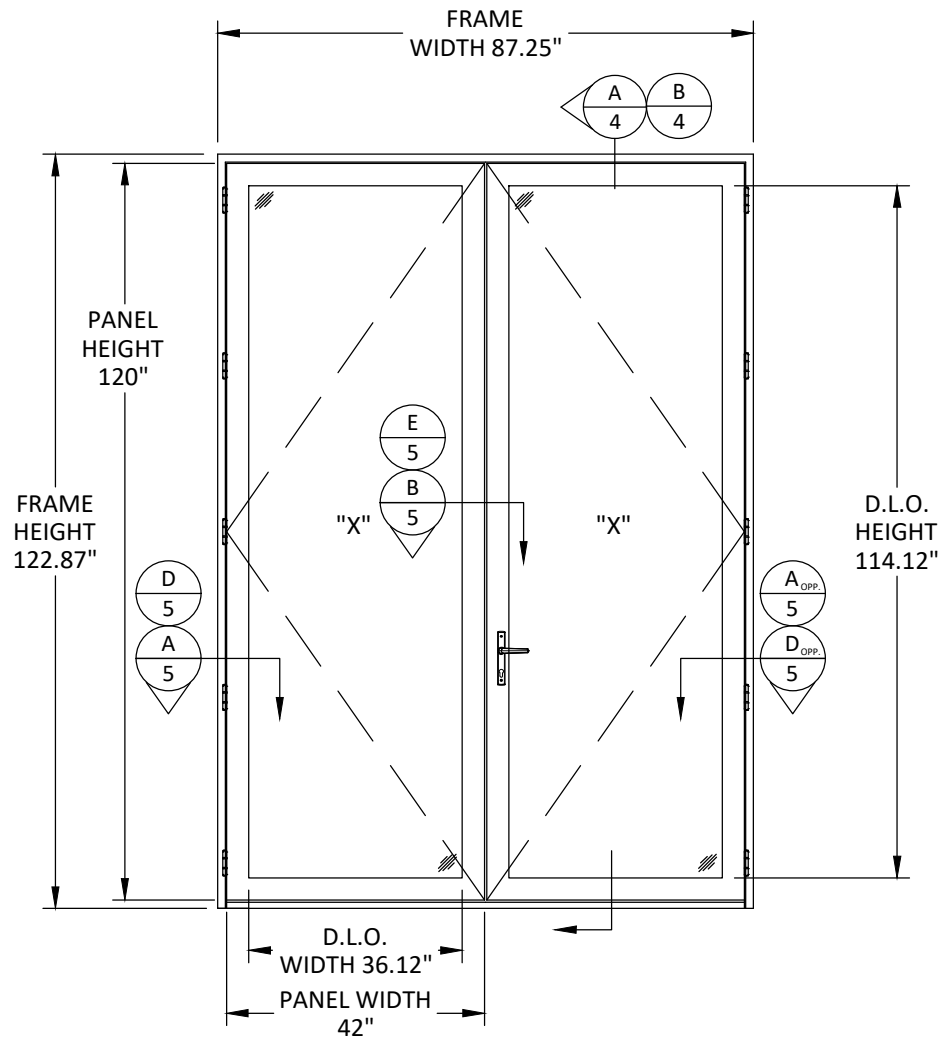
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ELEVATION
SINGLE UNIT



ELEVATION
DOUBLE UNIT

- NOTES:**
- ELEVATION SHOWS TESTED SIZE. ALTERNATE PANEL SIZES ARE PERMITTED, SEE TABLE.
 - PANEL SIZES SMALLER THAN SHOWN IN THE BELLOW TABLE ARE QUALIFIED AND SHALL BE ASSIGNED A DESIGN PRESSURE RATING BASED ON THE NEXT LARGER SIZE SHOWN IN THE TABLE

OUT-SWING DESIGN PRESSURE TABLE (PSF)
WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

PANEL HEIGHT (INCHES)	NOMINAL PANEL WIDTH (INCHES)							
		30	33	36	42	44	48	56
	90	50.00	50.00	50.00	50.00	50.00	50.00	50.00
	96	50.00	50.00	50.00	50.00	50.00	50.00	-
	106	50.00	50.00	50.00	50.00	50.00	-	-
	112	50.00	50.00	50.00	50.00	50.00	-	-
	120	50.00	50.00	50.00	50.00	-	-	-
	128	50.00	50.00	47.22	-	-	-	-
	136	46.66	42.60	39.22	-	-	-	-
	144	39.23	35.79	-	-	-	-	-
	156	30.77	-	-	-	-	-	-

OUT-SWING POSITIVE DESIGN PRESSURE TABLE (PSF)
WHERE WATER PENETRATION RESISTANCE IS REQUIRED

PANEL HEIGHT (INCHES)	NOMINAL PANEL WIDTH (INCHES)							
		30	33	36	42	44	48	56
	90	40.00	40.00	40.00	40.00	40.00	40.00	40.00
	96	40.00	40.00	40.00	40.00	40.00	40.00	-
	106	40.00	40.00	40.00	40.00	40.00	-	-
	112	40.00	40.00	40.00	40.00	40.00	-	-
	120	40.00	40.00	40.00	40.00	-	-	-
	128	40.00	40.00	37.78	-	-	-	-
	136	37.33	34.08	31.38	-	-	-	-
	144	31.38	28.63	-	-	-	-	-
	156	24.62	-	-	-	-	-	-

IN-SWING DESIGN PRESSURE TABLE (PSF)
WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

PANEL HEIGHT (INCHES)	NOMINAL PANEL WIDTH (INCHES)							
		30	33	36	42	44	48	56
	90	60.00	60.00	60.00	60.00	60.00	60.00	60.00
	96	60.00	60.00	60.00	60.00	60.00	60.00	-
	106	60.00	60.00	60.00	60.00	60.00	-	-
	112	60.00	60.00	60.00	60.00	60.00	-	-
	120	60.00	60.00	60.00	60.00	-	-	-
	128	60.00	60.00	56.67	-	-	-	-
	136	56.00	51.12	47.07	-	-	-	-
	144	47.07	42.95	-	-	-	-	-
	156	36.93	-	-	-	-	-	-

IN-SWING POSITIVE DESIGN PRESSURE TABLE (PSF)
WHERE WATER PENETRATION RESISTANCE IS REQUIRED

PANEL HEIGHT (INCHES)	NOMINAL PANEL WIDTH (INCHES)							
		30	33	36	42	44	48	56
	90	25.00	25.00	25.00	25.00	25.00	25.00	25.00
	96	25.00	25.00	25.00	25.00	25.00	25.00	-
	106	25.00	25.00	25.00	25.00	25.00	-	-
	112	25.00	25.00	25.00	25.00	25.00	-	-
	120	25.00	25.00	25.00	25.00	-	-	-
	128	25.00	25.00	23.61	-	-	-	-
	136	23.33	21.30	19.61	-	-	-	-
	144	19.61	17.90	-	-	-	-	-
	156	15.39	-	-	-	-	-	-



LA CANTINA DOORS
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(NON-HVHZ)/(NON-IMPACT)
ELEVATIONS AND DESIGN PRESSURE TABLE

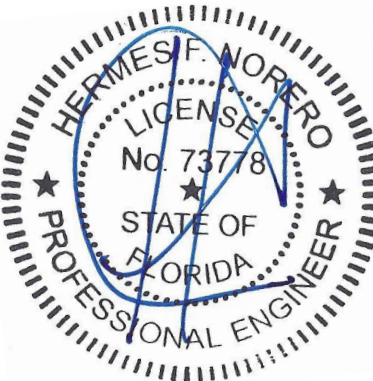
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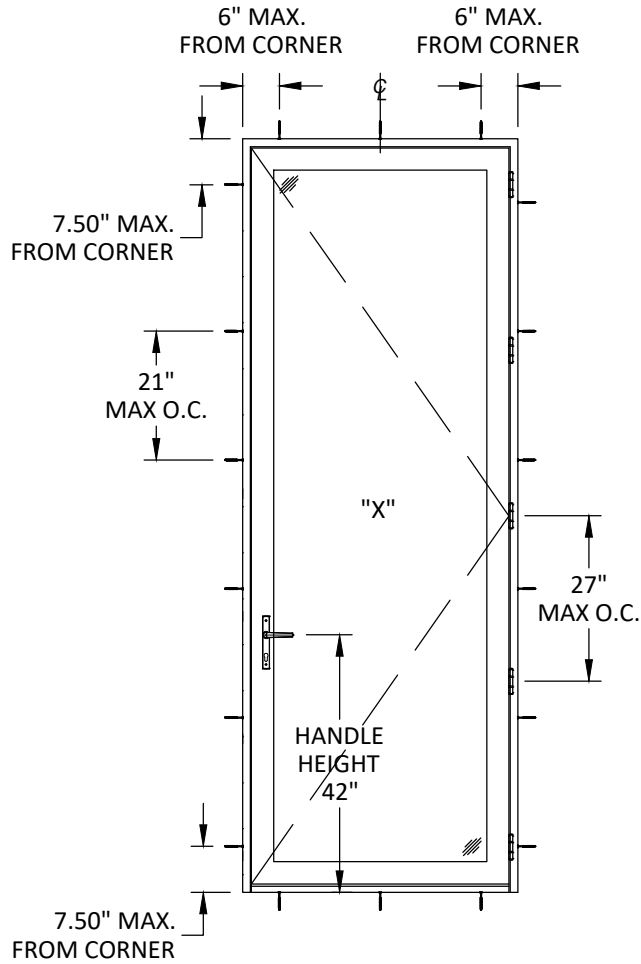
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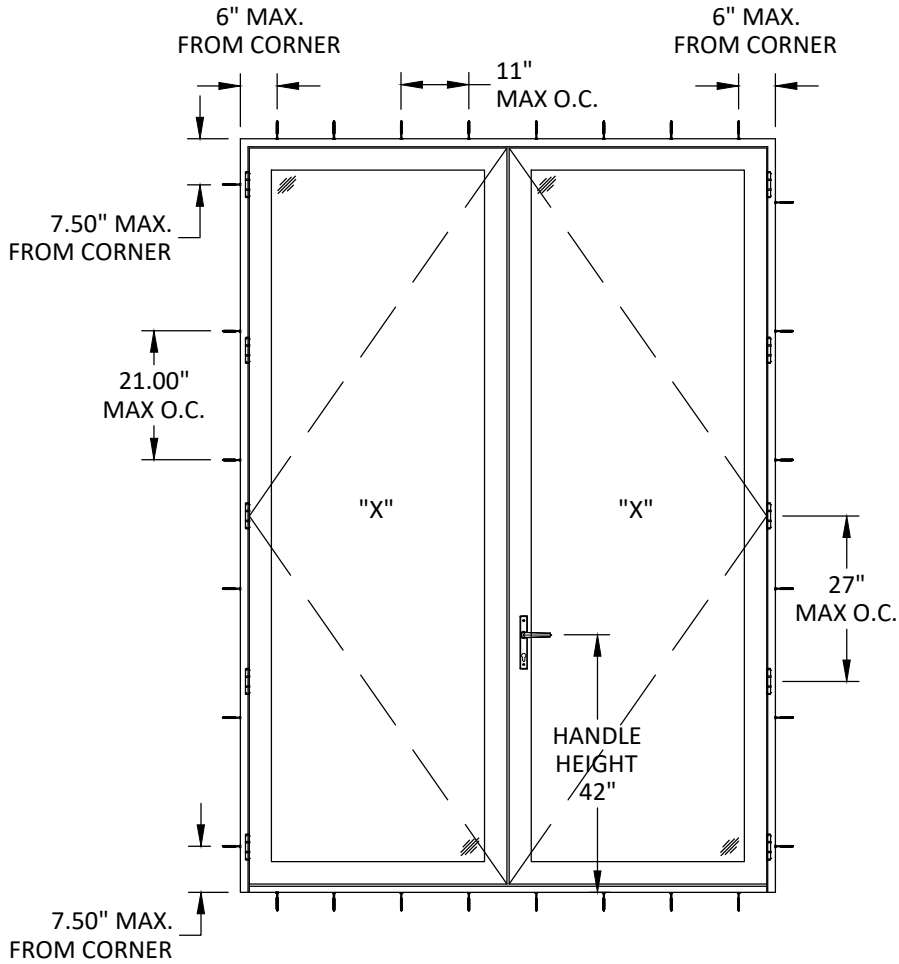
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SHEET	2

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ANCHOR LAYOUT
SINGLE UNIT
THROUGH FRAME



ANCHOR LAYOUT
DOUBLE UNIT
THROUGH FRAME

NOTE :

FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 6



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ANCHOR LAYOUTS

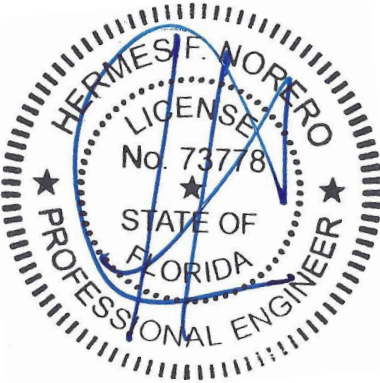
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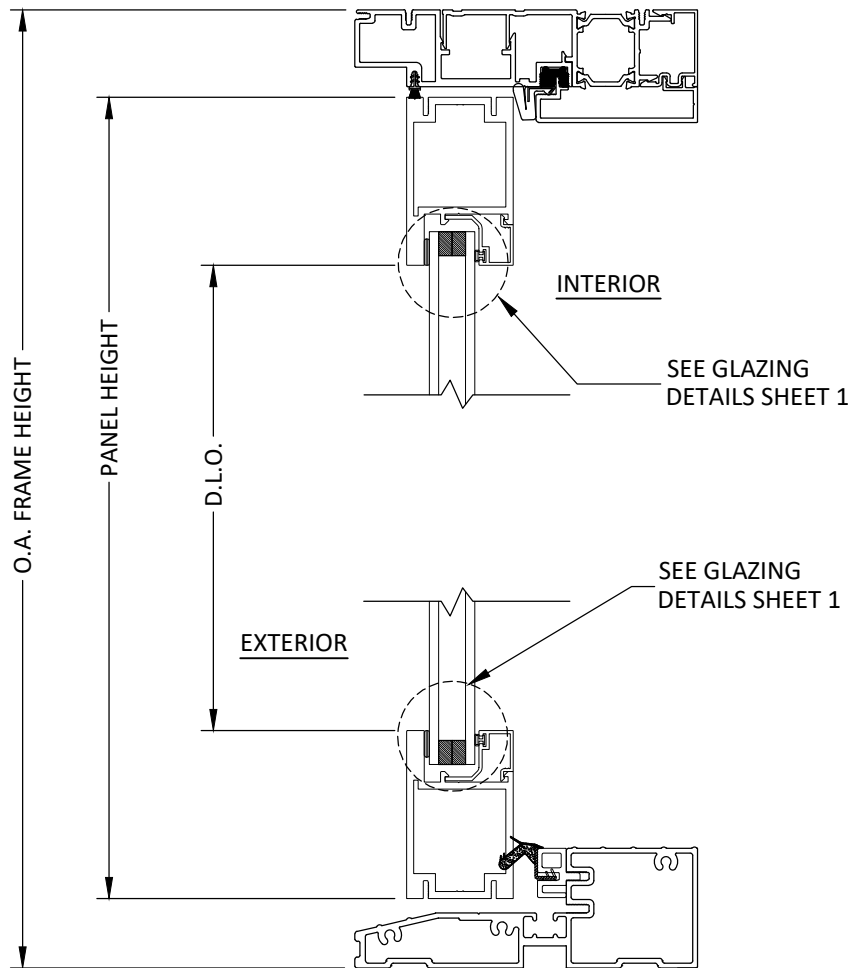
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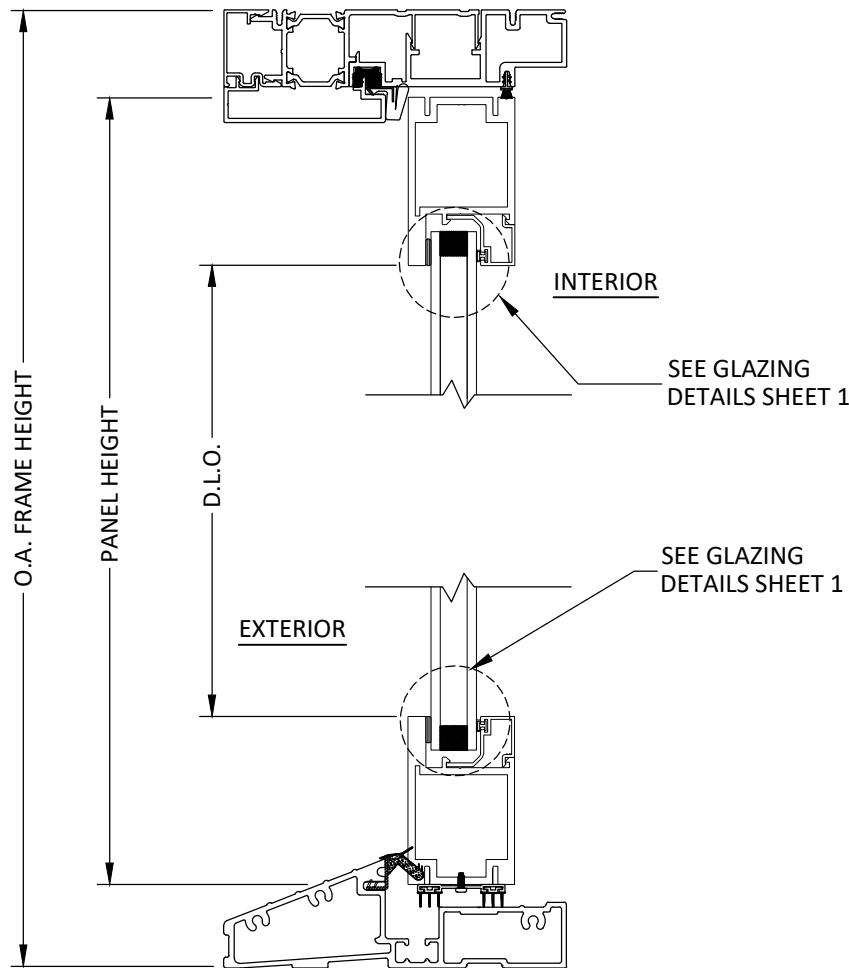
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SHEET	3

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A
4

VERTICAL SECTION
OUT-SWING HEAD & SILL



B
4

VERTICAL SECTION
IN-SWING HEAD & SILL



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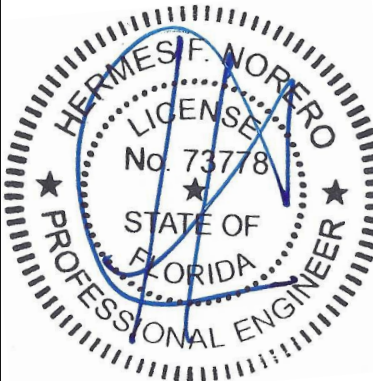
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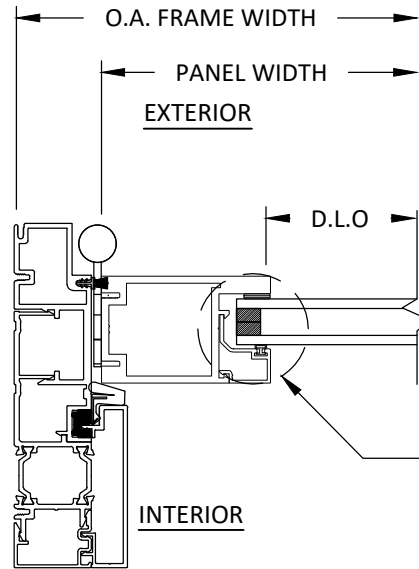
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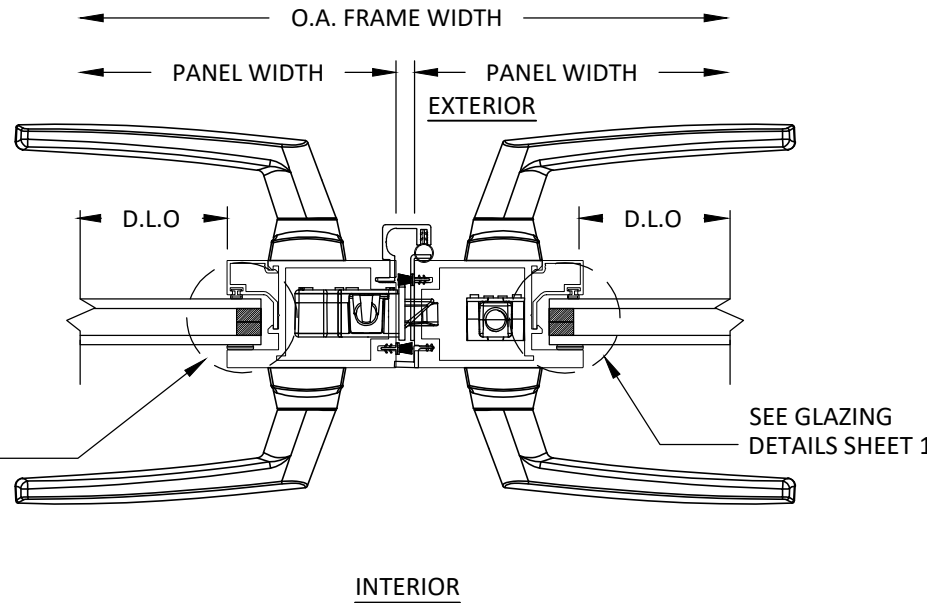
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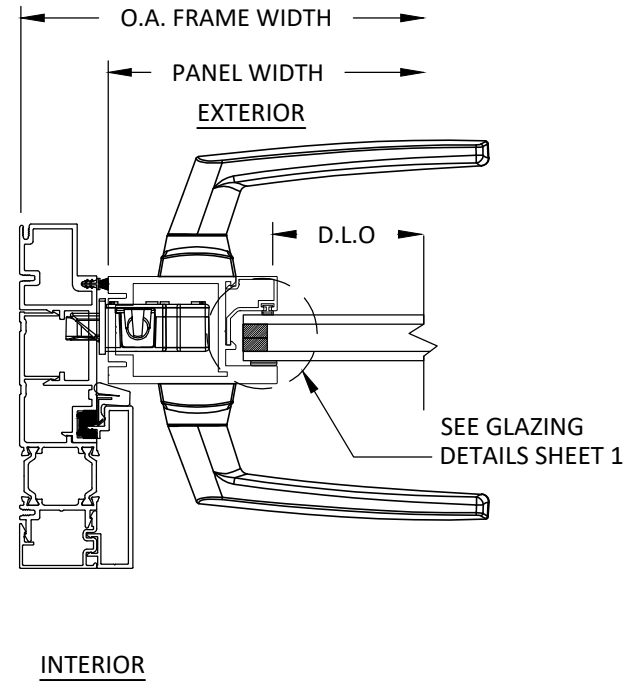
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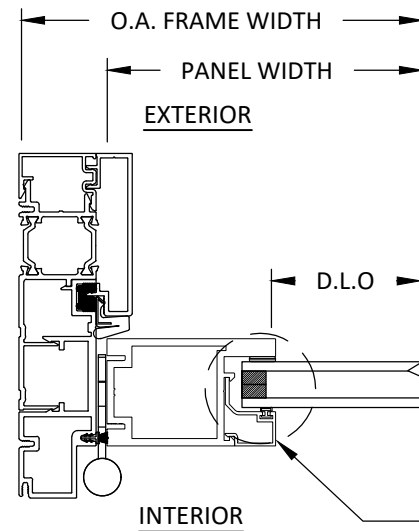
A
5 **HORIZONTAL SECTION**
OUT-SWING HINGE JAMB



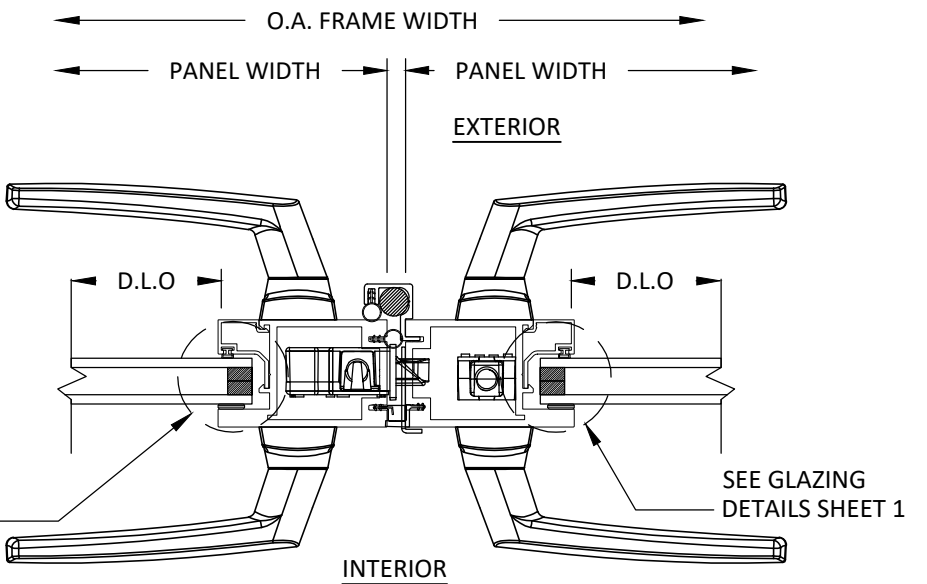
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5 **HORIZONTAL SECTION**
OUT-SWING ASTRAGAL



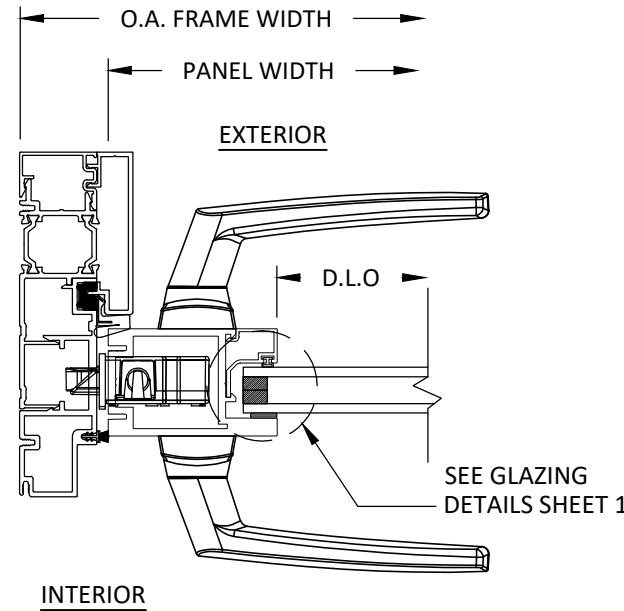
C
5 **HORIZONTAL SECTION**
OUT-SWING LOCK JAMB



D
5 **HORIZONTAL SECTION**
IN-SWING HINGE JAMB



E
5 **HORIZONTAL SECTION**
IN-SWING ASTRAGAL



F
5 **HORIZONTAL SECTION**
IN-SWING LOCK JAMB



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HORIZONTAL SECTIONS

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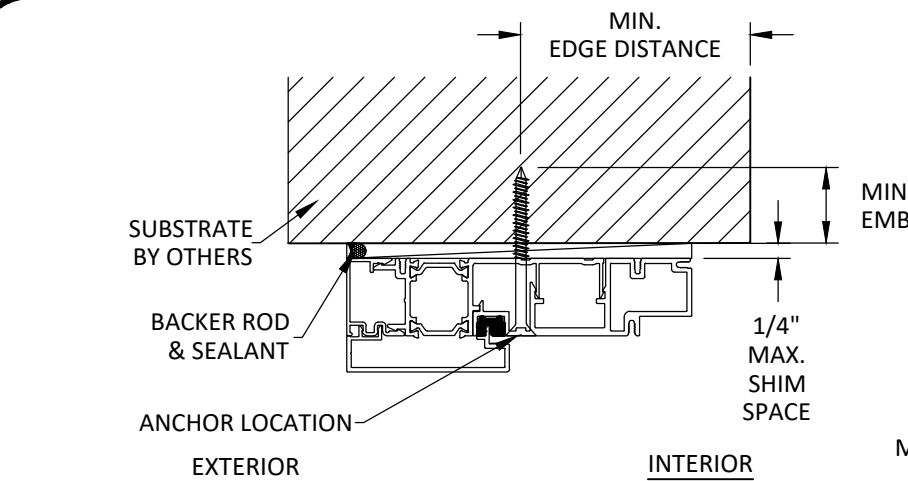
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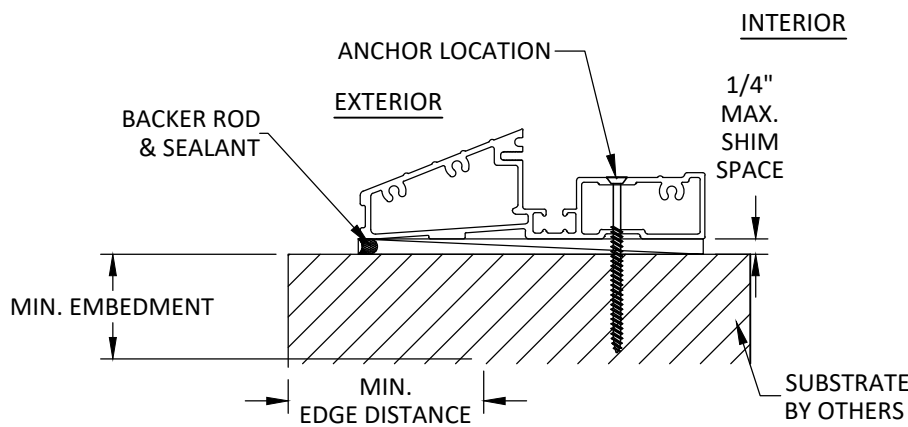
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SHEET	5

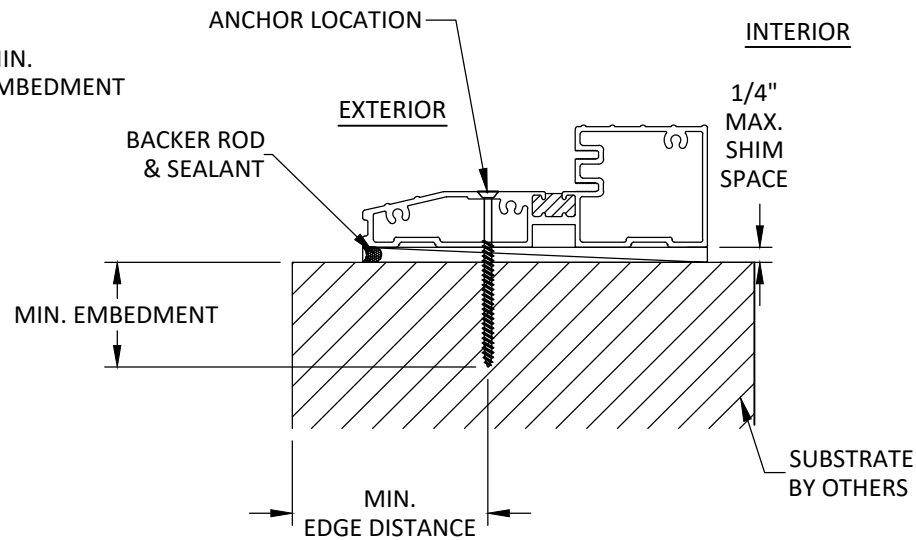
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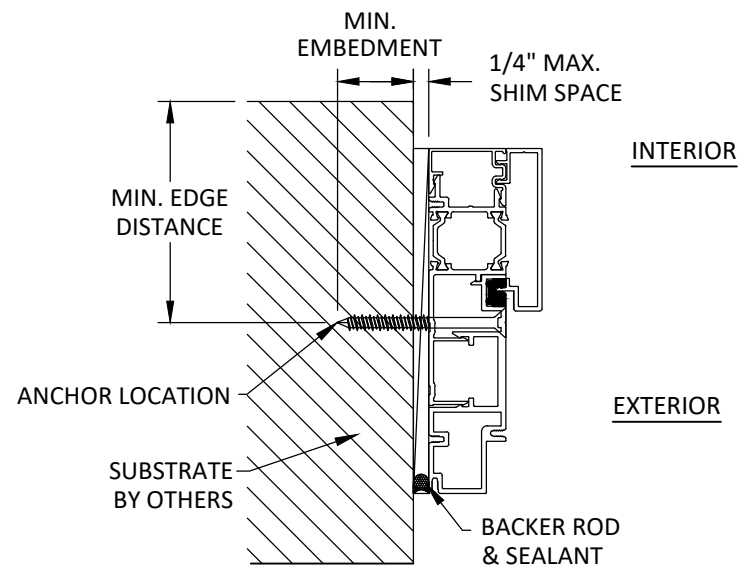
A
6 **ANCHOR DETAIL**
IN-SWING THROUGH FRAME



B
6 **ANCHOR DETAIL**
IN-SWING THROUGH FRAME



C
6 **ANCHOR DETAIL**
OUT-SWING THROUGH FRAME



D
6 **ANCHOR DETAIL**
OUT-SWING THROUGH FRAME

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- OPTIONAL 1X AND 2X WOOD STUDS FOR CONCRETE/CMU INSTALLATION.
- 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.
- 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.

ANCHOR SCHEDULE					
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
THRU FRAME	1	WOOD (MIN. S.G. = 0.55)	#12 WOOD SCREW	1.5	0.75
	1	CONCRETE (MIN. F'C = 3000 PSI) OR CMU (PER ASTM C90)	1/4" TAPCON	1.25	2.5
	1	METAL STUD (STEEL MIN. 18GA, Fy = 33KSI, OR ALUMINUM MIN 1/8", 6063-T5)	#12 SMS OR SELF-DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL WALL	0.5



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