

3/24/2023 3:07 PM
z:\projects\la cantina doors\c-22-1134-1 - fbc submittal - 2023 code change\dwg\117103.1\cd001 ali-wood swing door.dwg

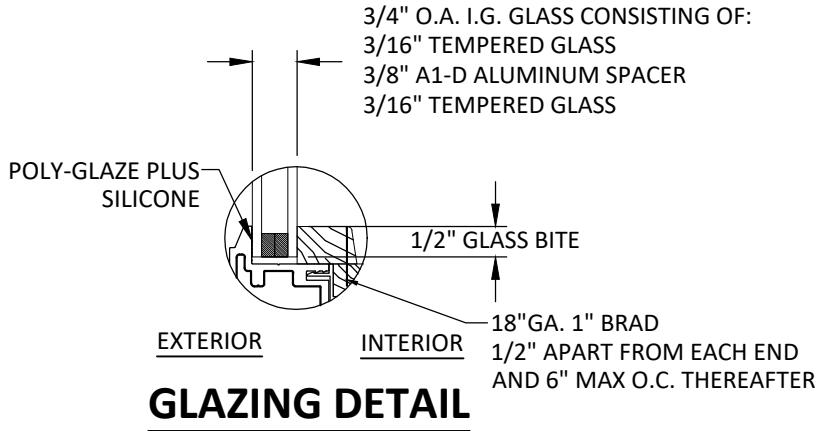
LA CANTINA DOORS

ALI-WOOD 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: *ALI-WOOD*.
- 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

TABLE OF CONTENTS	
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

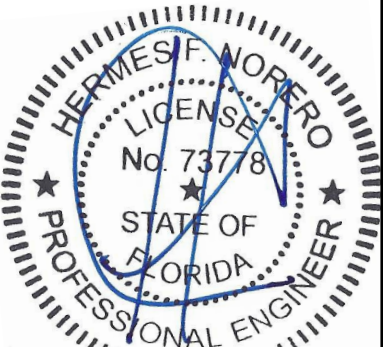
TITLE: **ALI-WOOD SIDE-HINGED SWING DOOR**
(NON-HVHZ)(NON-IMPACT)
GENERAL NOTES AND GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	04.23.20
8TH FBC CODE CHANGE	MG	02.17.23

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.

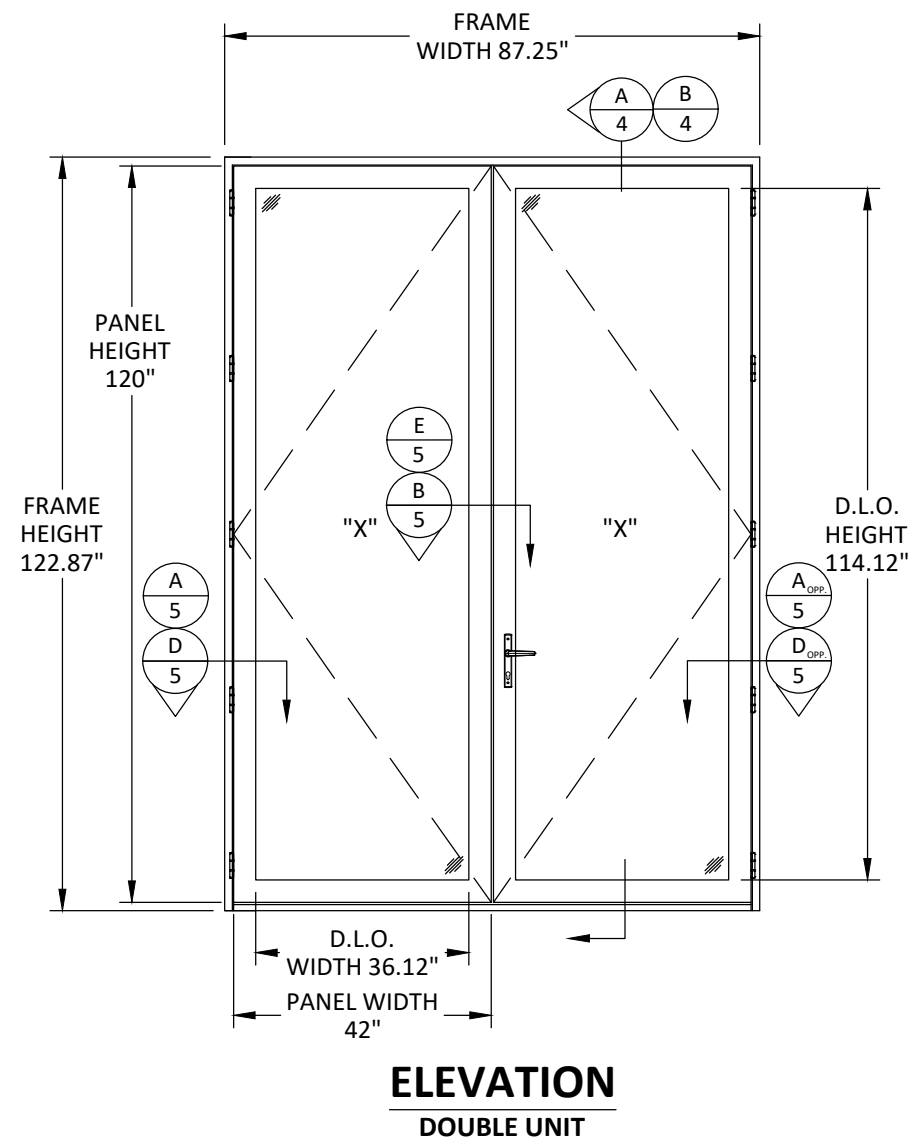
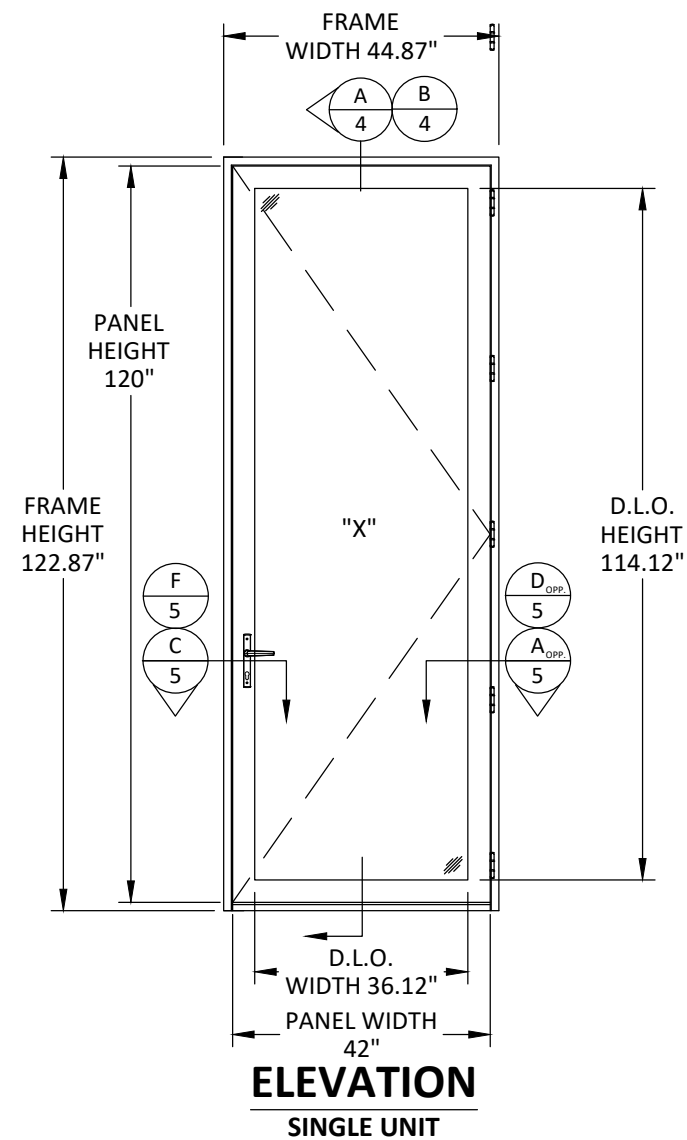


Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.04.04 12:38:58 -04'00'
HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

DATE:	04.23.20
DWG. BY:	CHK. BY:
SR	SM
SCALE:	NTS
DWG. #:	LCD001

SHEET
1
OF 6

3/24/2023 3:08 PM
z:\projects\la cantina doors\c-22-1134.1 - fbc submittal - 2023 code change\dwgs\117103.1\cd001 ali-wood swing door.dwg



- 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

IN-SWING AND OUT-SWING DESIGN PRESSURE TABLE (PSF) WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED									IN-SWING POSITIVE DESIGN PRESSURE TABLE (PSF) WHERE WATER PENETRATION RESISTANCE IS REQUIRED									OUT-SWING POSITIVE DESIGN PRESSURE TABLE (PSF) WHERE WATER PENETRATION RESISTANCE IS REQUIRED								
NOMINAL PANEL WIDTH (INCHES)									NOMINAL PANEL WIDTH (INCHES)									NOMINAL PANEL WIDTH (INCHES)								
PANEL HEIGHT (INCHES)		30	33	36	42	44	48	56	PANEL HEIGHT (INCHES)		30	33	36	42	44	48	56	PANEL HEIGHT (INCHES)		30	33	36	42	44	48	56
	90	50.00	50.00	50.00	50.00	50.00	50.00	50.00		90	25.00	25.00	25.00	25.00	25.00	25.00	25.00		90	40.00	40.00	40.00	40.00	40.00	40.00	40.00
	96	50.00	50.00	50.00	50.00	50.00	50.00	-		96	25.00	25.00	25.00	25.00	25.00	25.00	-		96	40.00	40.00	40.00	40.00	40.00	40.00	-
	106	50.00	50.00	50.00	50.00	50.00	-	-		106	25.00	25.00	25.00	25.00	25.00	-	-		106	40.00	40.00	40.00	40.00	40.00	-	-
	112	50.00	50.00	50.00	50.00	50.00	-	-		112	25.00	25.00	25.00	25.00	25.00	-	-		112	40.00	40.00	40.00	40.00	40.00	-	-
	120	50.00	50.00	50.00	50.00	-	-	-		120	25.00	25.00	25.00	25.00	-	-	-		120	40.00	40.00	40.00	40.00	-	-	-
	128	50.00	50.00	47.22	-	-	-	-		128	25.00	25.00	23.61	-	-	-	-		128	40.00	40.00	37.78	-	-	-	-
	136	46.66	42.60	39.22	-	-	-	-		136	23.33	21.30	19.61	-	-	-	-		136	37.33	34.08	31.38	-	-	-	-
	144	39.23	35.79	-	-	-	-	-		144	19.61	17.90	-	-	-	-	-		144	31.38	28.63	-	-	-	-	-
	156	30.77	-	-	-	-	-	-		156	15.39	-	-	-	-	-	-		156	24.62	-	-	-	-	-	-



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

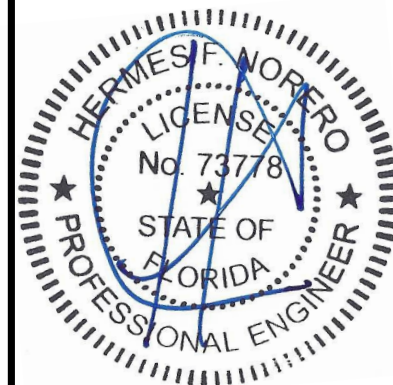
TITLE: **ALI-WOOD SIDE-HINGED
SWING DOOR
(NON-HVHZ)/(NON-IMPACT)
ELEVATIONS AND DESIGN PRESSURE TABLE**

PREPARED BY: **BUILDING DROPS, INC.**
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	04.23.20
8TH FBC CODE CHANGE	MG	02.17.23

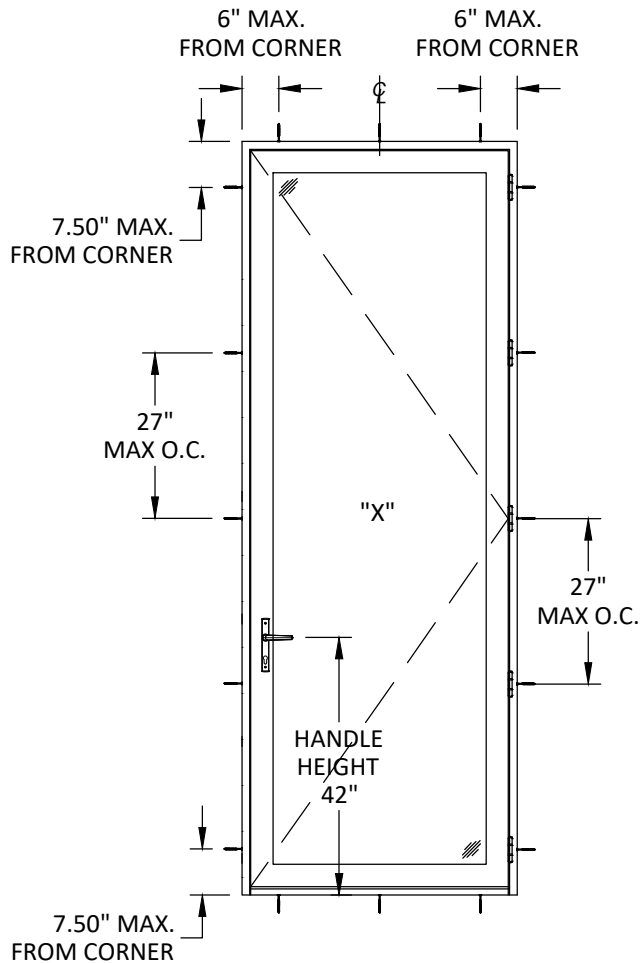
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



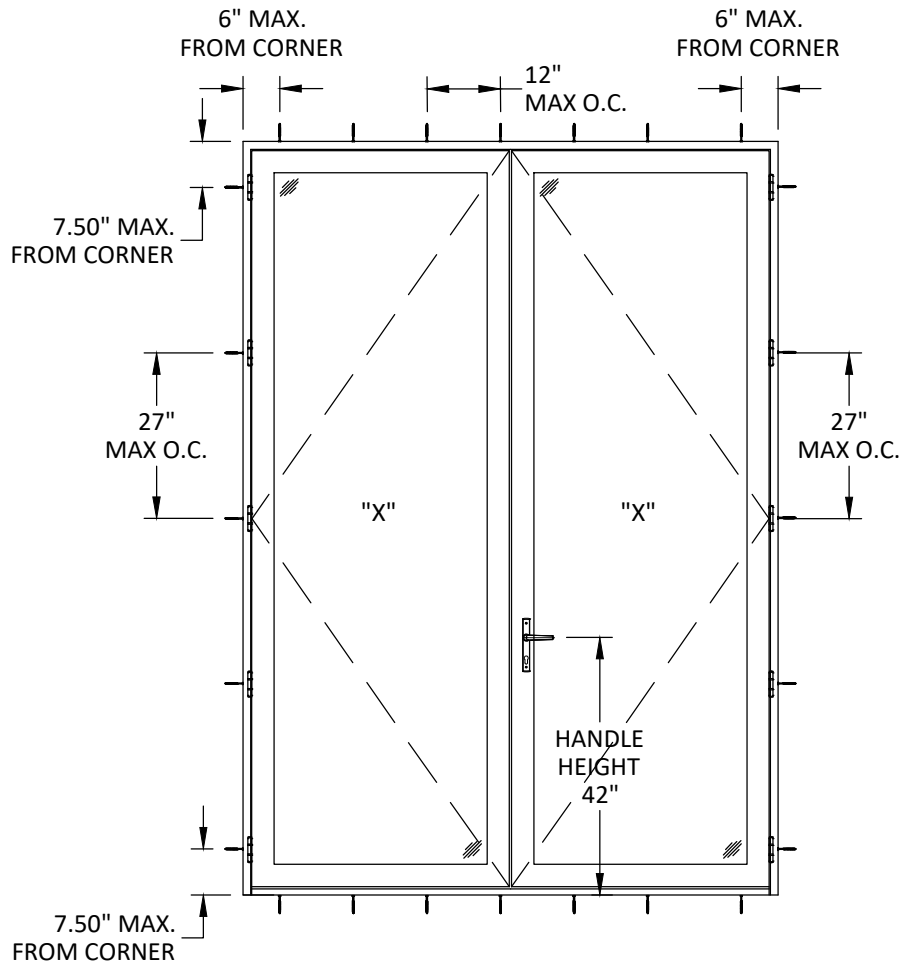
HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

DATE:	04.23.20
DWG. BY:	SR
CHK. BY:	SM
SCALE:	NTS
DWG. #:	LCD001
SHEET	2

3/24/2023 3:08 PM
z:\projects\la cantina doors\cc-22-1134.1 - fbc submittal - 2023 code change\dwgs\117103\117103.1\cd001 ali-wood swing door.dwg



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



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

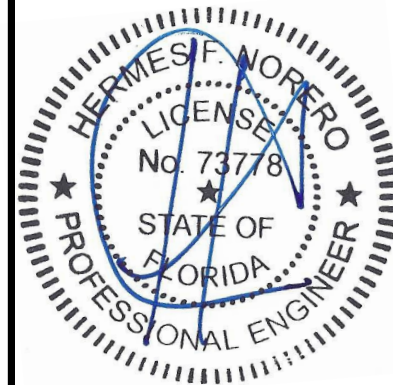
TITLE: **ALI-WOOD SIDE-HINGED
SWING DOOR
(NON-HVHZ)/(NON-IMPACT)
ANCHOR LAYOUTS**

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	04.23.20
8TH FBC CODE CHANGE	MG	02.17.23

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.

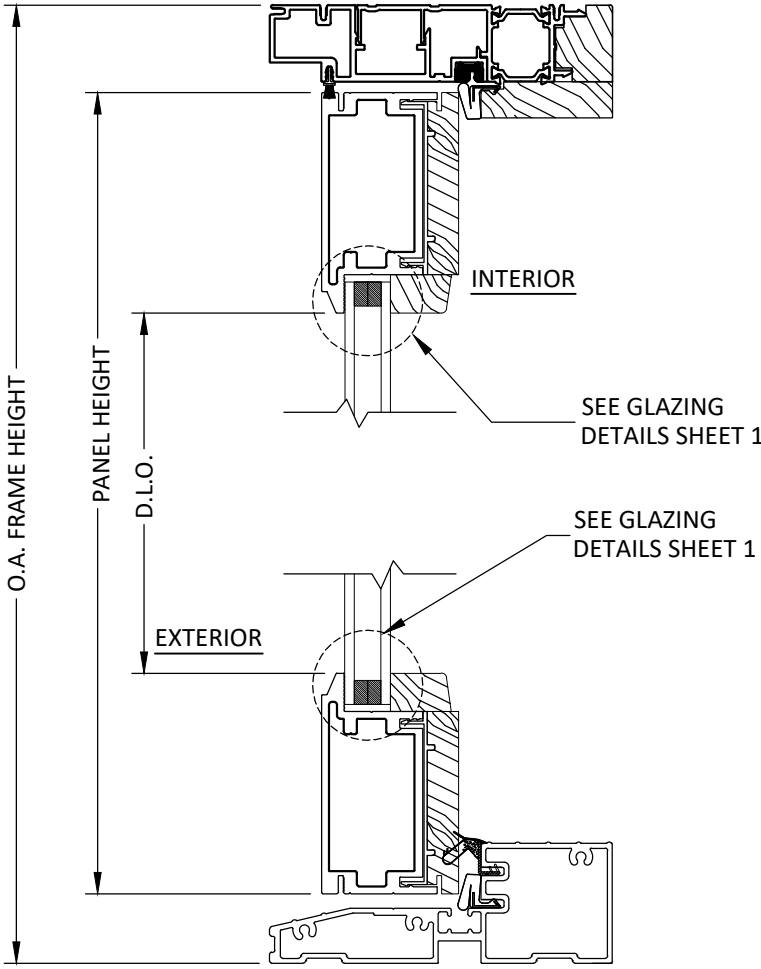


HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

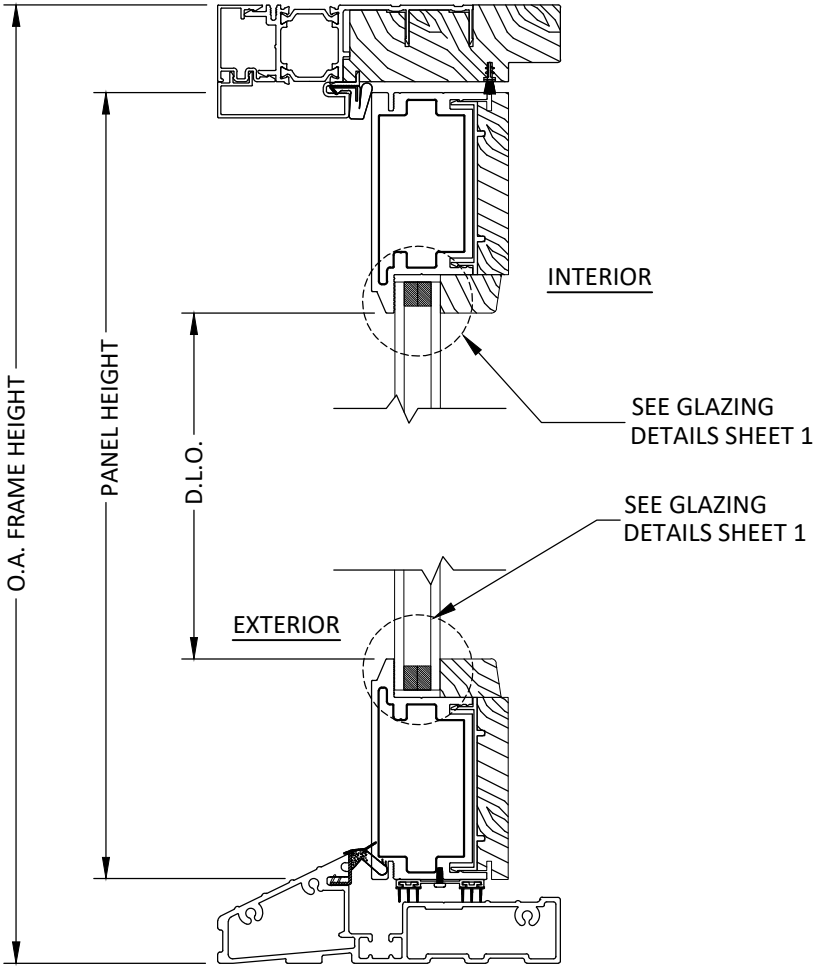
DATE:	04.23.20
DWG. BY:	SR
CHK. BY:	SM
SCALE:	NTS
DWG. #:	LCD001
SHEET	

3

z:\projects\la cantina doors\c-22-1134.1 - fbc submittal - 2023 code change\dwgs\117103.1\cd001 ali-wood swing door.dwg 3/24/2023 3:08 PM



A
4 **VERTICAL SECTION**
OUT-SWING HEAD & SILL



B
4 **VERTICAL SECTION**
IN-SWING HEAD & SILL



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

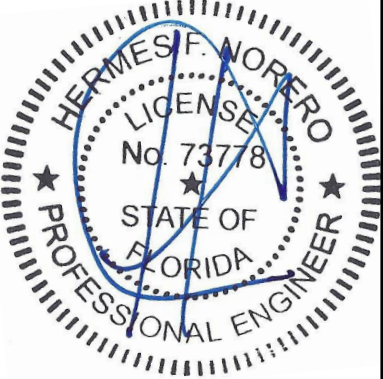
TITLE: **ALI-WOOD SIDE-HINGED
SWING DOOR
(NON-HVHZ)/(NON-IMPACT)
VERTICAL SECTIONS**

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	04.23.20
8TH FBC CODE CHANGE	MG	02.17.23

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.

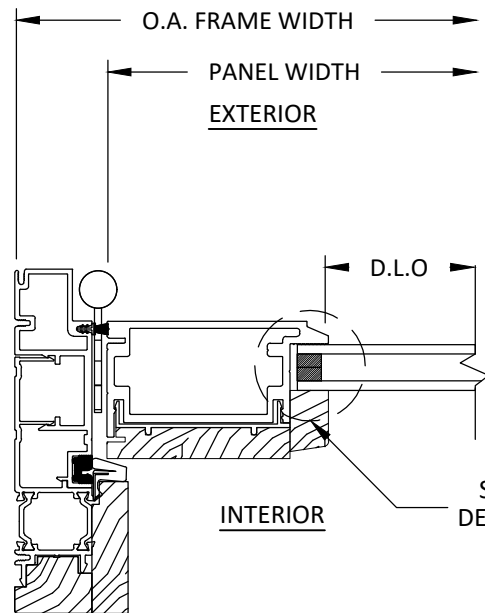


HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

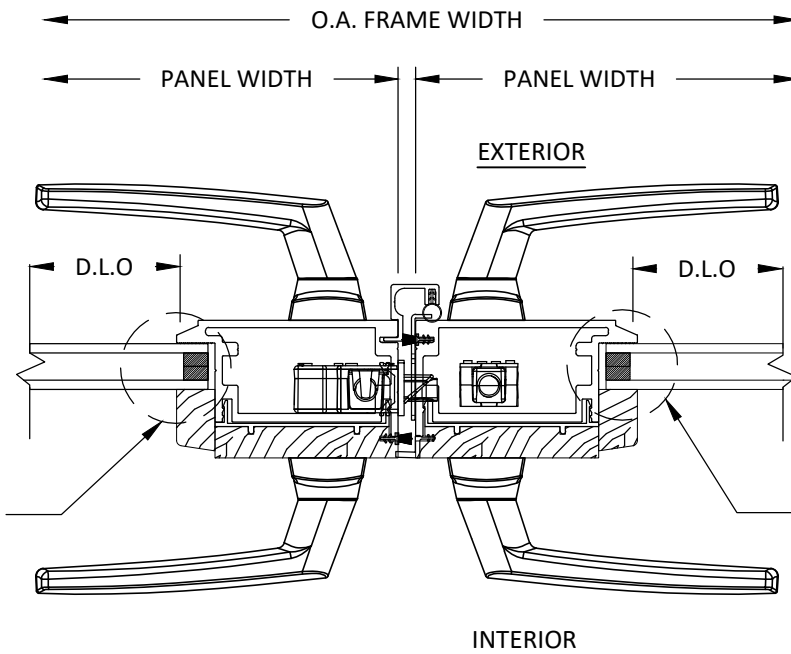
DATE:	04.23.20
DWG. BY:	SR
CHK. BY:	SM
SCALE:	NTS
DWG. #:	LCD001
SHEET	

4

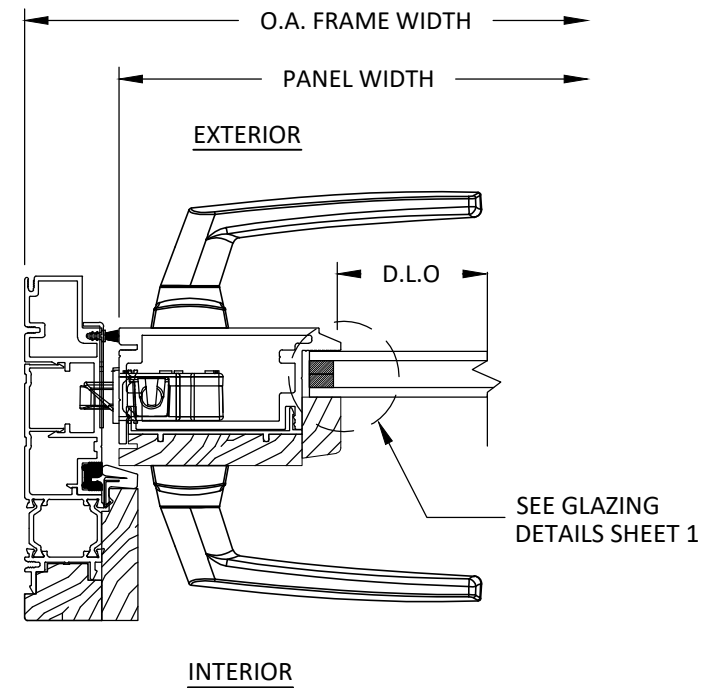
3/24/2023 3:08 PM
z:\projects\la cantina doors\cc-22-1134.1 - fbc submittal - 2023 code change\dwgs\117103\117103.1\lcd001 all-wood swing door.dwg



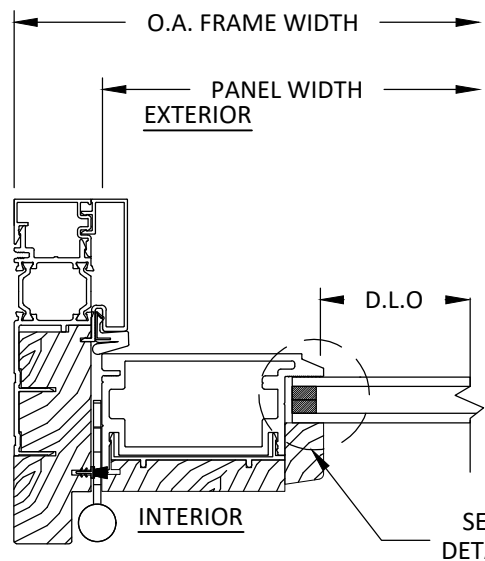
A
5 **HORIZONTAL SECTION**
OUT-SWING HINGE JAMB



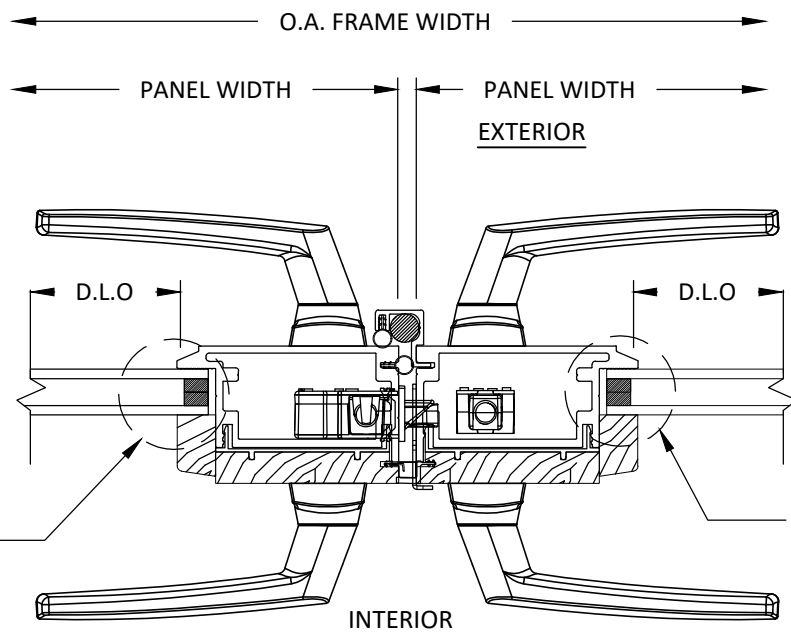
B
5 **HORIZONTAL SECTION**
OUT-SWING ASTRAGAL



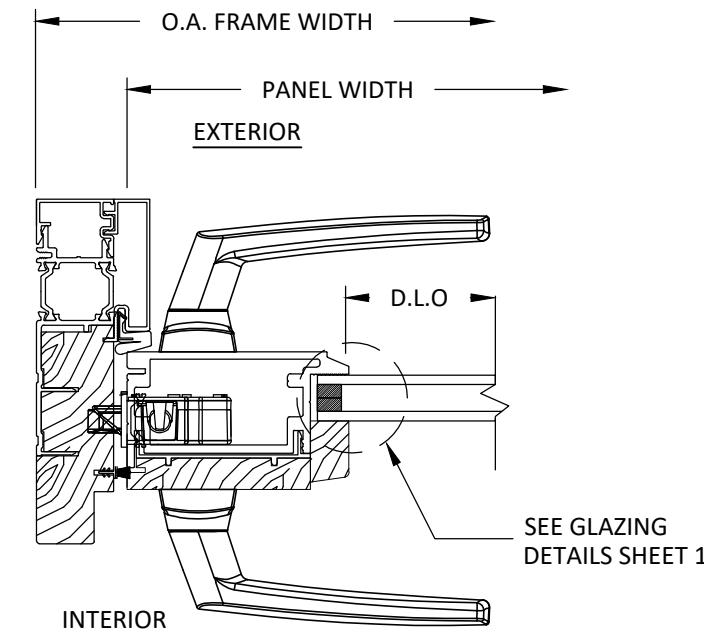
C
5 **HORIZONTAL SECTION**
OUT-SWING LOCK JAMB



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



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



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



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

TITLE: ALL-WOOD SIDE-HINGED
SWING DOOR
(NON-HVHZ)/(NON-IMPACT)
HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	04.23.20
8TH FBC CODE CHANGE	MG	02.17.23

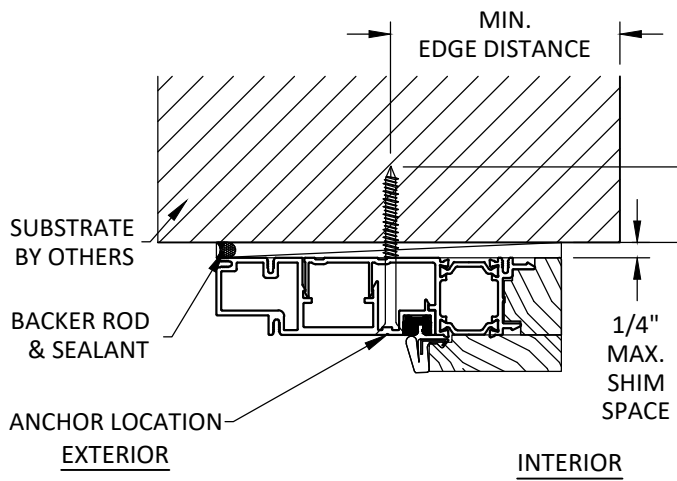
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



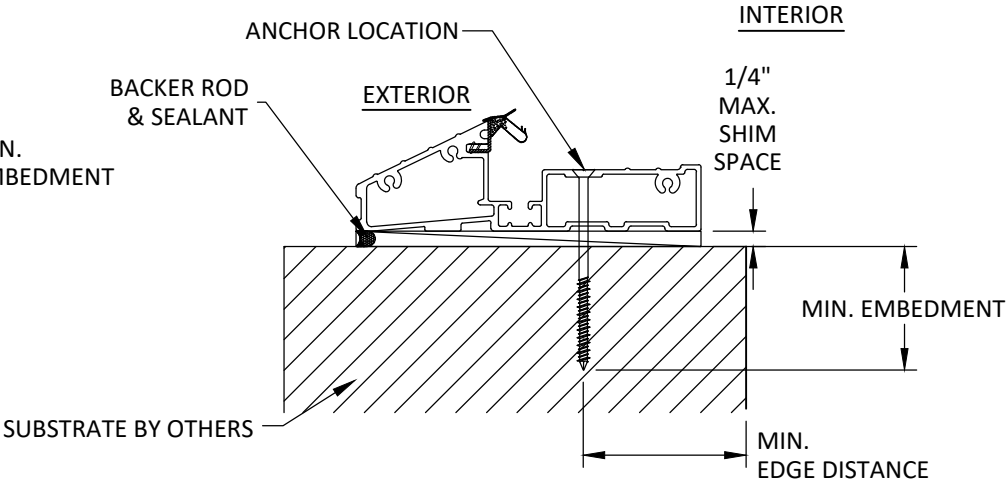
HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

DATE:	04.23.20
DWG. BY:	SR
CHK. BY:	SM
SCALE:	NTS
DWG. #:	LCD001
SHEET	5

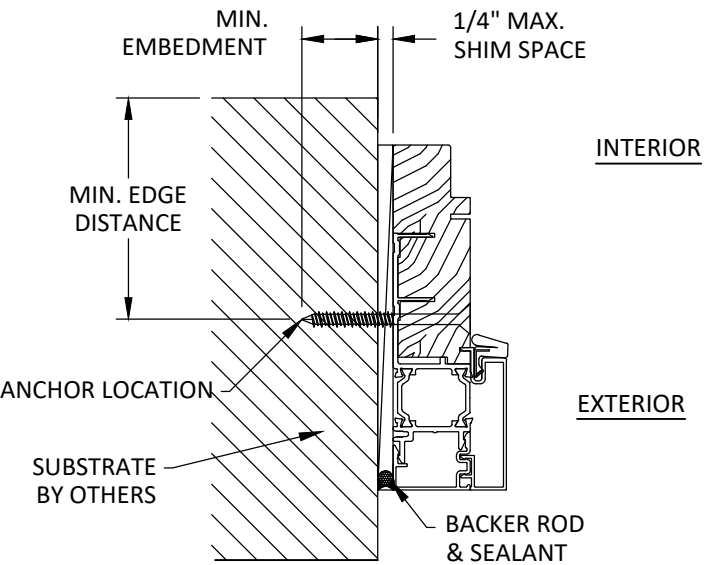
3/24/2023 3:08 PM
z:\projects\la cantina doors\c-22-1134.1 - fbc submittal - 2023 code change\dwgs\117103\117103.1\td001 all-wood swing door.dwg



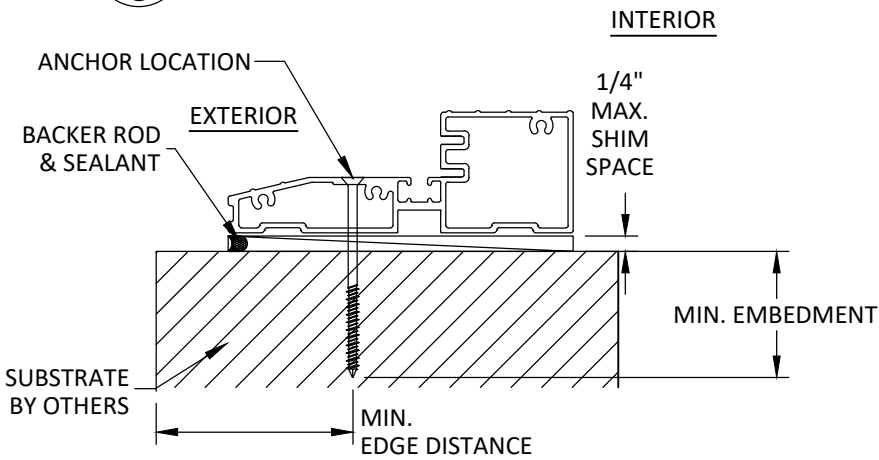
A
6
ANCHOR DETAIL
OUT-SWING THROUGH FRAME



C
6
ANCHOR DETAIL
IN-SWING THROUGH FRAME



D
6
ANCHOR DETAIL
IN-SWING THROUGH FRAME



B
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



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

TITLE: ALL-WOOD SIDE-HINGED
SWING DOOR
(NON-HVHZ)/(NON-IMPACT)
ANCHOR DETAILS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	04.23.20
8TH FBC CODE CHANGE	MG	02.17.23

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
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

DATE:	04.23.20
DWG. BY:	SR
CHK. BY:	SM
SCALE:	NTS
DWG. #:	LCD001
SHEET	6