

PALM CITY IRONWORKS

WROUGHT IRON DOORS (IN SWING/OUT SWING) (NON-HVHZ)(NON-IMPACT)



PALM CITY IRONWORKS
3160 KUTAK RD.
FORT MYERS, FL 33916

PH: (239) 691-8400 FX: (239) 277-0061

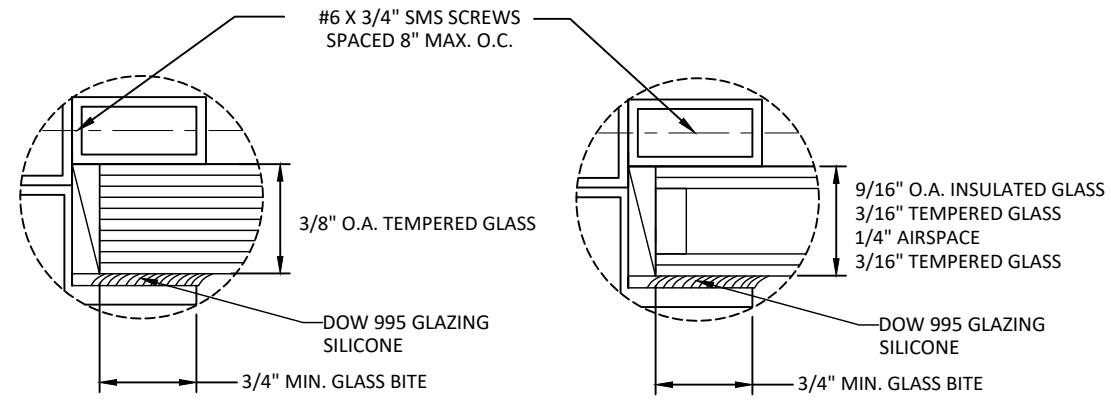
GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), CURRENT INTERNATIONAL BUILDING CODE AND CURRENT INTERNATIONAL RESIDENTIAL CODE EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
- 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.
- 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.
- DOOR FRAME MATERIAL: Q235 GRADE STEEL
Fy min= 34.1 KSI
Fu min= 54.4 KSI
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
- STEEL COMPONENTS SHALL BE COATED OR PROVIDED WITH CORROSION RESISTANCE PROTECTION IN CONFORMANCE WITH THE MATERIAL PROTECTION PROVISIONS OF FBC SECTION 2220.
- IRON WORK SUCH AS DECORATIVE GRILLES, ETC. IS NOT PART OF THIS APPROVAL.

DESIGN PRESSURE RATING	
DESIGN PRESSURE - ALL SIZES	MISSILE IMPACT RATING
+70 / -70 PSF*	NON-IMPACT

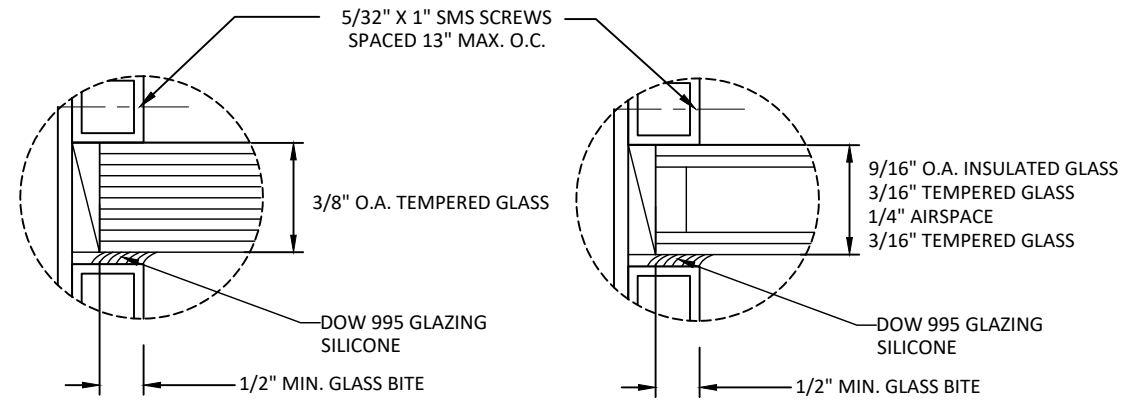
1) UNITS MEET WATER INFILTRATION REQUIREMENTS AT WATER TEST PRESSURE OF 10.5 PSF.

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GLAZING DETAIL A

GLAZING DETAIL C



GLAZING DETAIL B

GLAZING DETAIL C

- GLAZING NOTES:**
- GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, 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 SHOWN HEREIN.

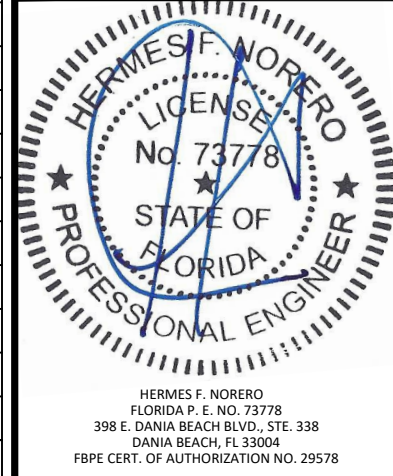
TITLE: **WROUGHT IRON DOORS
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GENERAL NOTES & GLAZING DETAILS

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398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
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FL16749

DATE: **03.21.19**

DWG. BY: **YC** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **PCI015**

SHEET:

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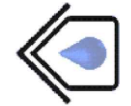


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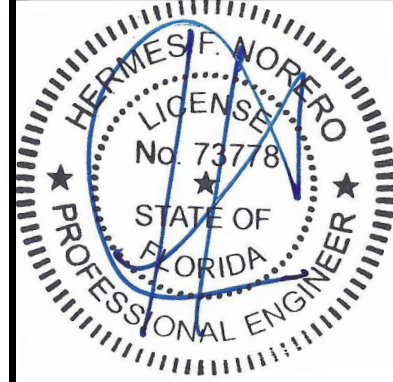
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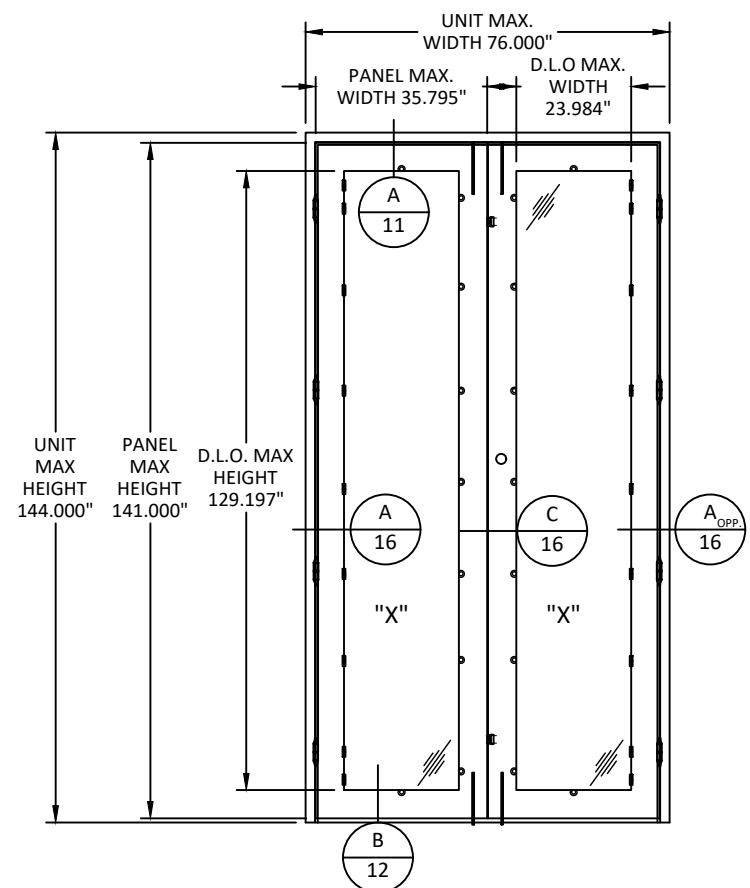
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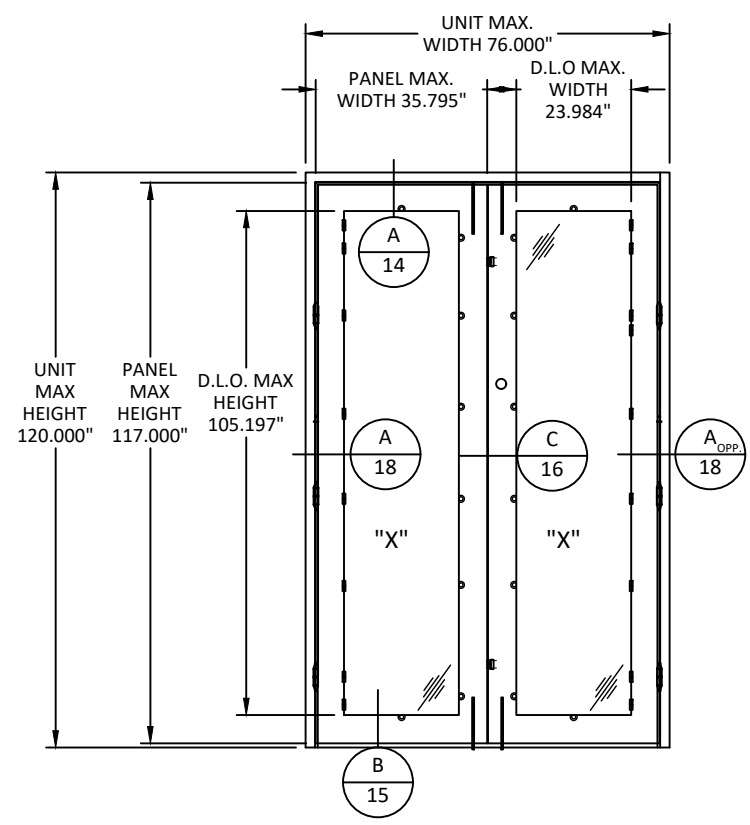
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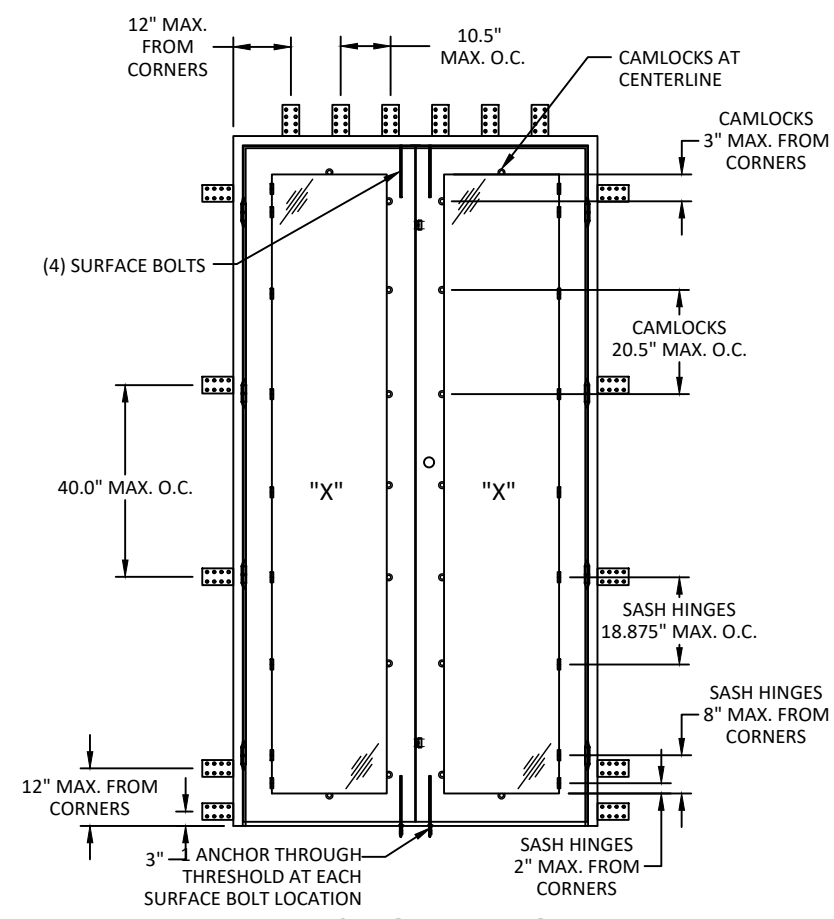
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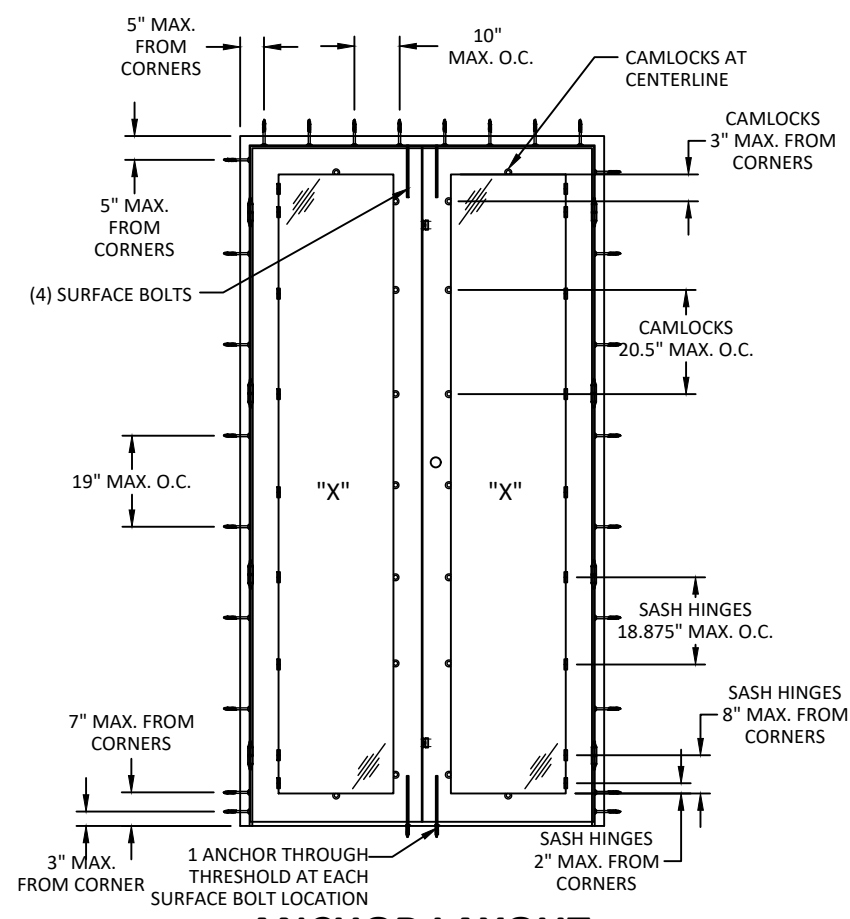
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ELEVATION(INSWING)

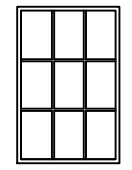


**ANCHOR LAYOUT
MOUNTING TAB INSTALLATION**



**ANCHOR LAYOUT
THROUGH FRAME INSTALLATION**

- HARDWARE NOTES FOR INSWING/OUTSWING DOOR :**
1. EACH ACTIVE PANEL SHALL UTILIZE THREE (3) 6" X 1" STEEL BARREL HINGES BY NATURAL CHOICE IRONWARE.
 2. HINGES ARE TO BE LOCATED AT 14.5" FROM BOTTOM OF DOOR AND 41.50" MAX. O.C. THEREAFTER.
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SIMULATED DIVIDED LITE
ALSO QUALIFIED

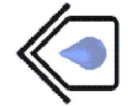


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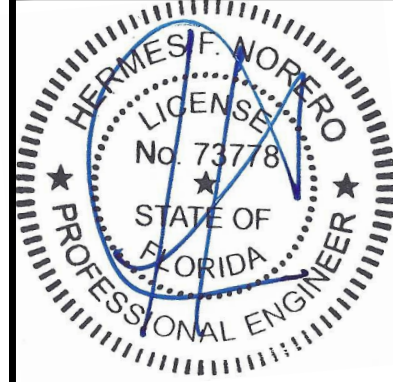
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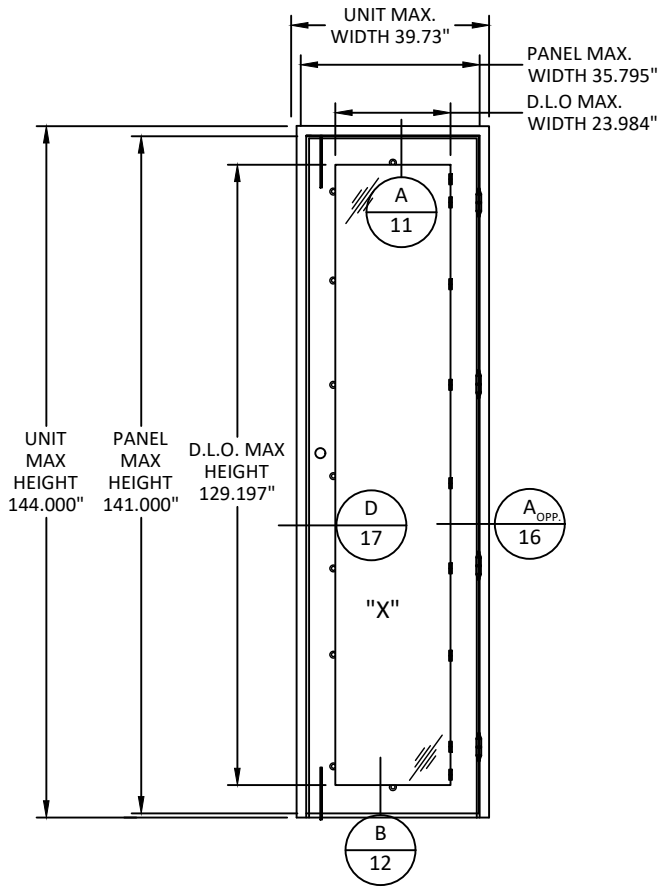
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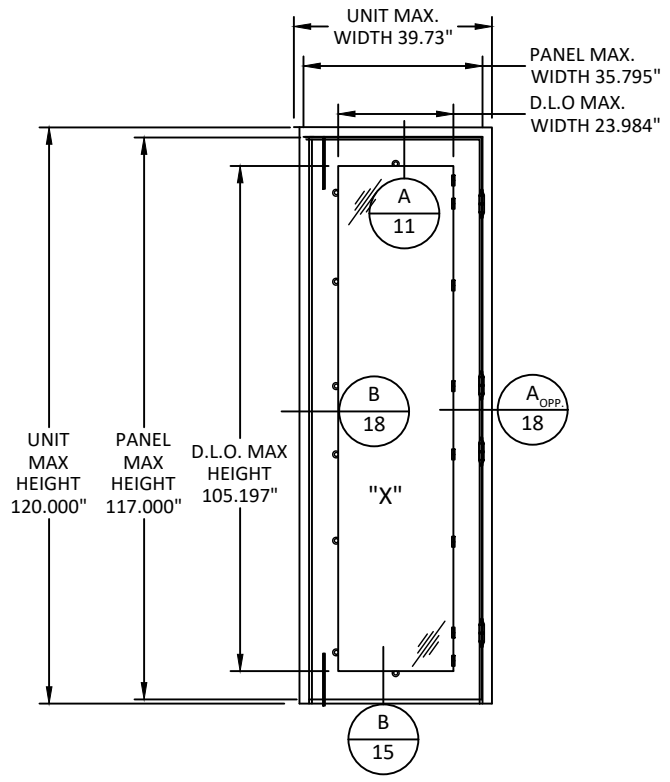
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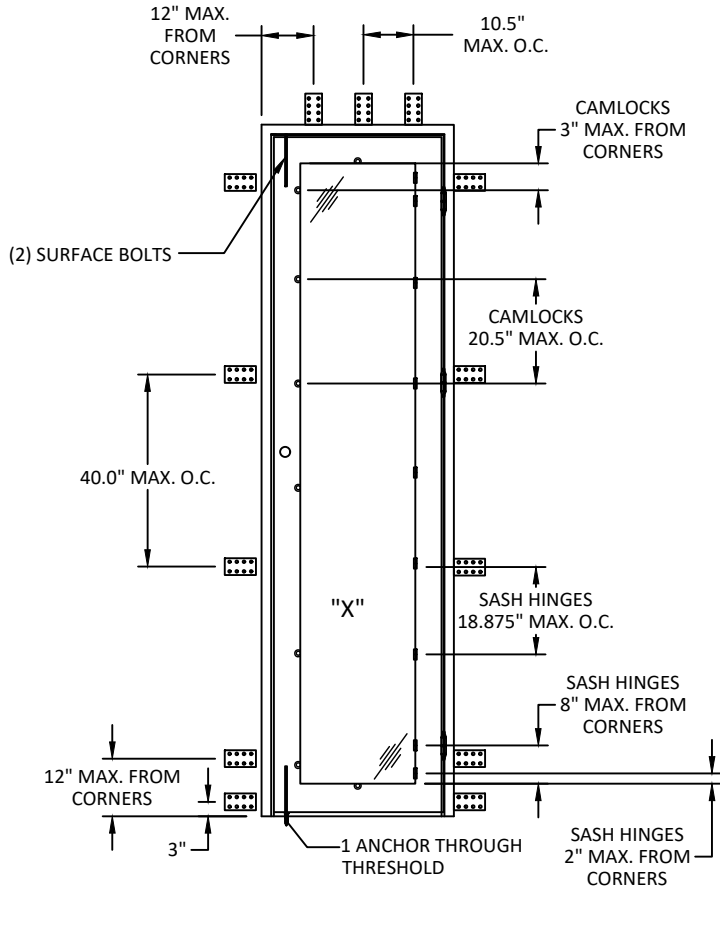
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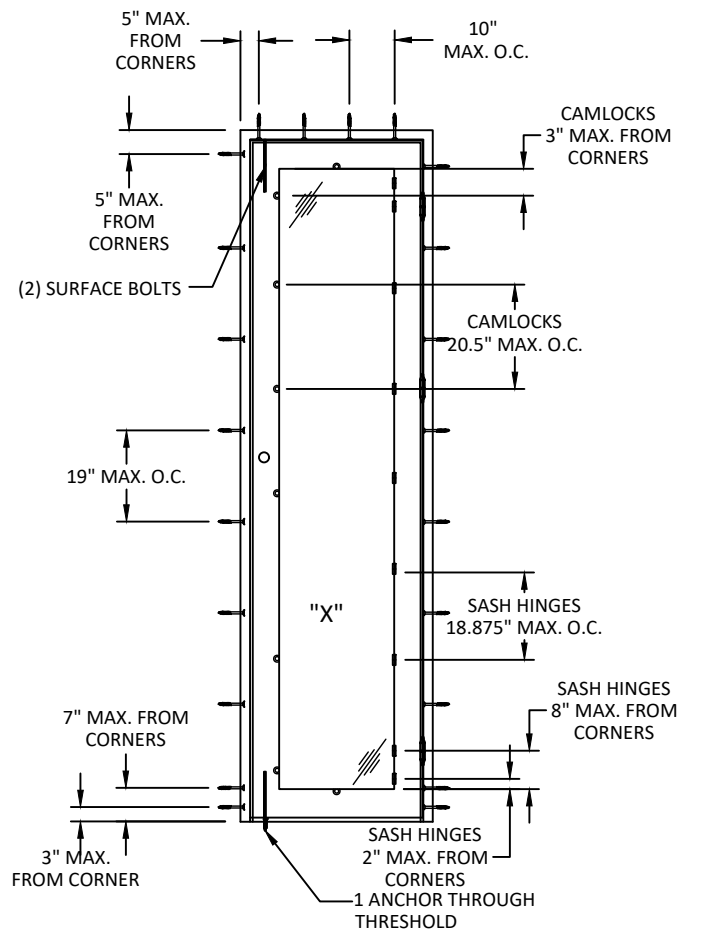
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ELEVATION(INSWING)

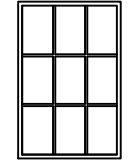


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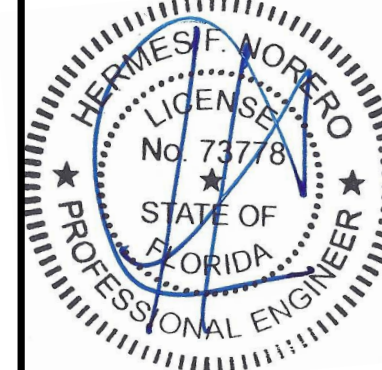
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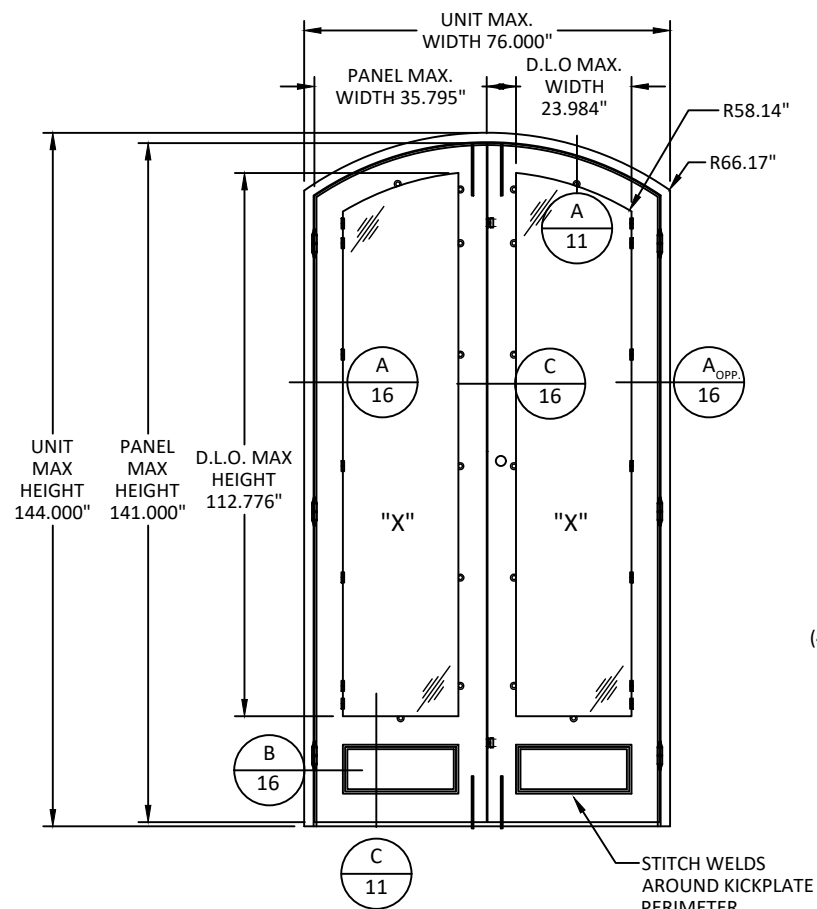
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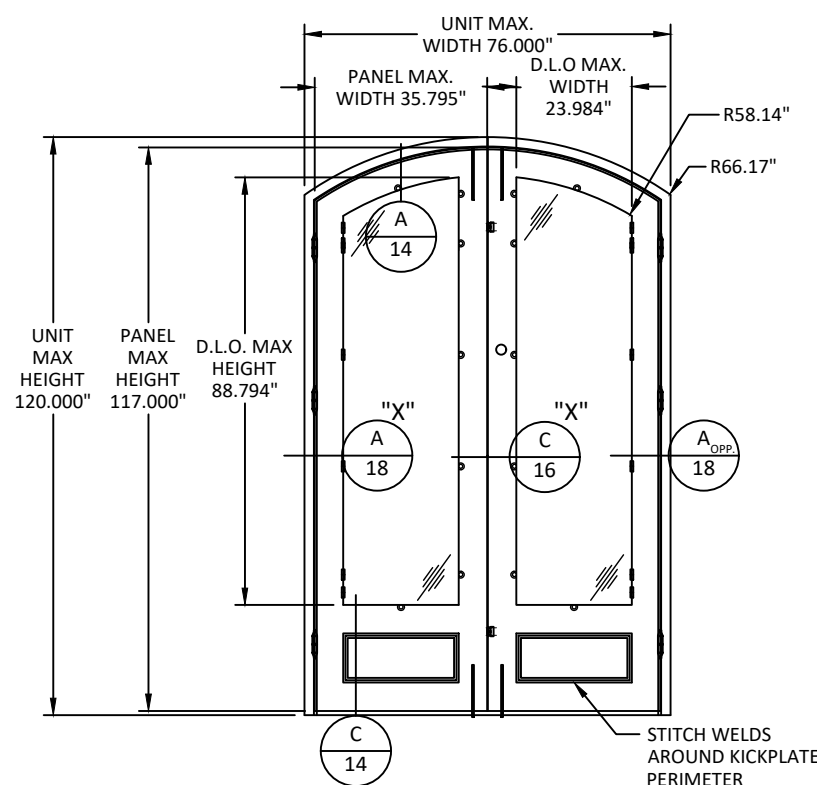
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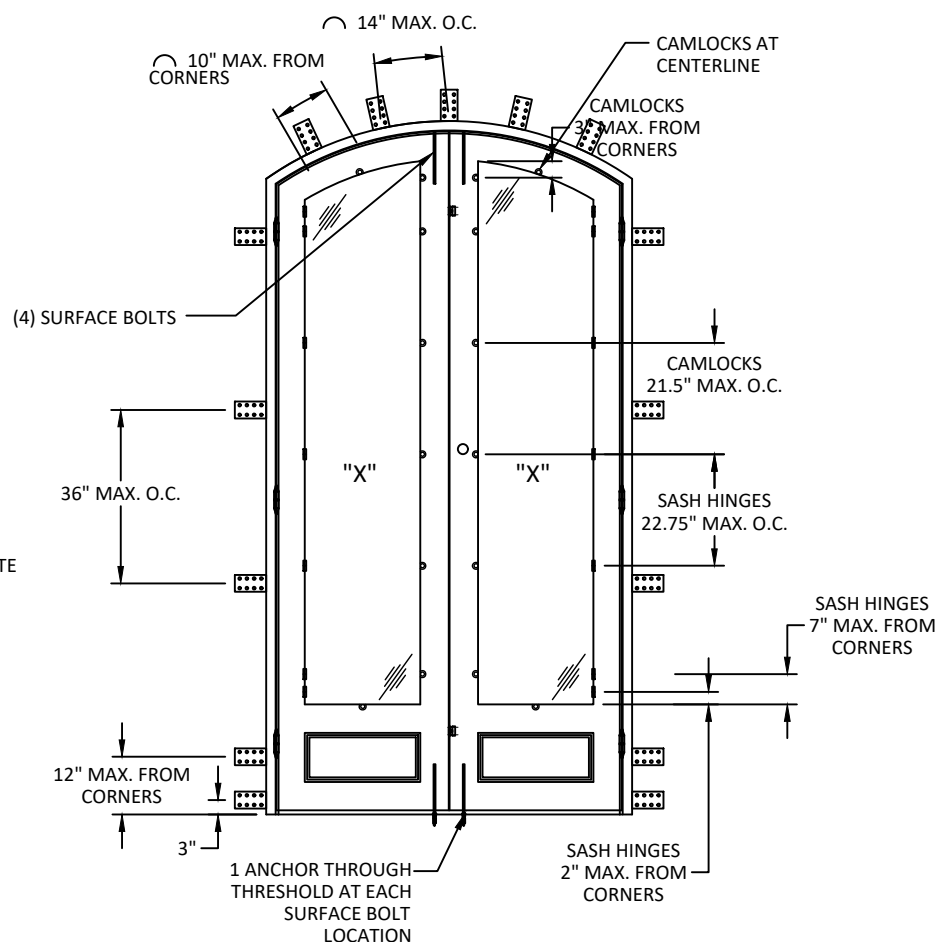
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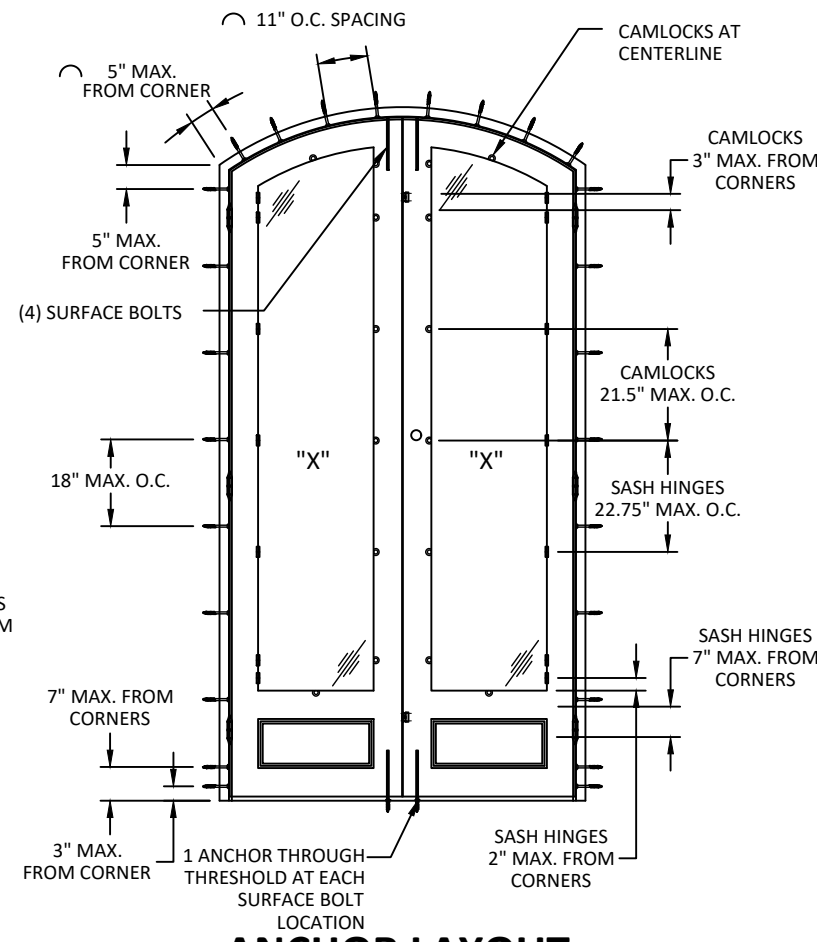
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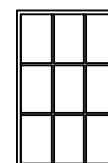


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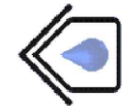


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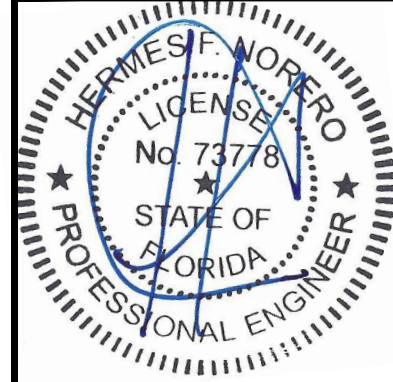
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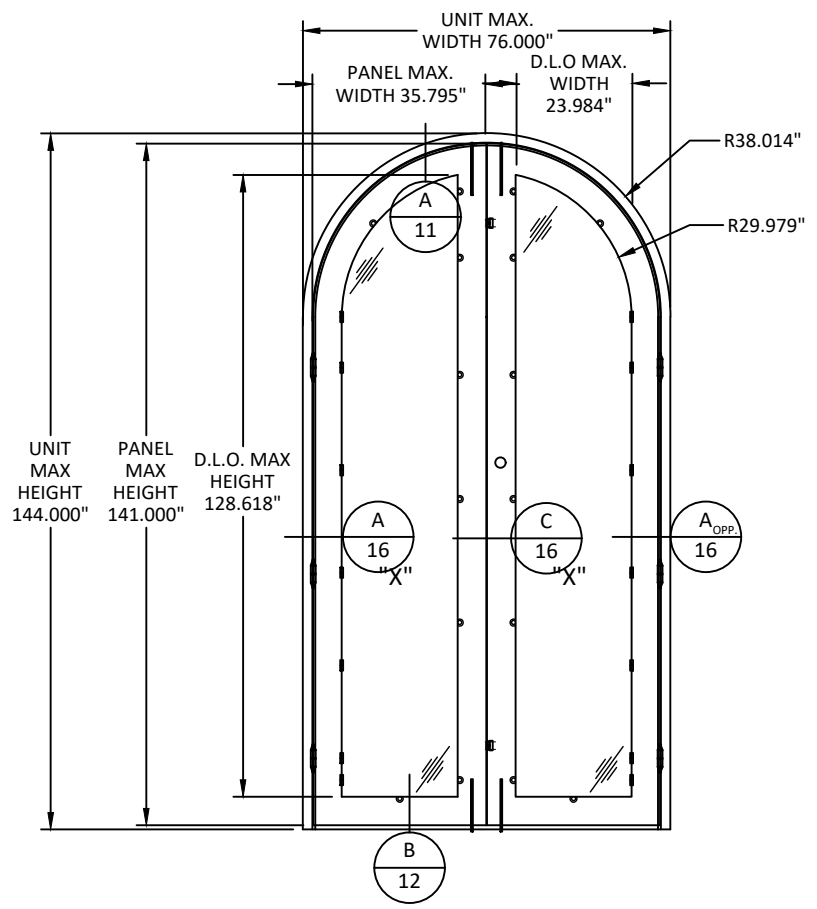
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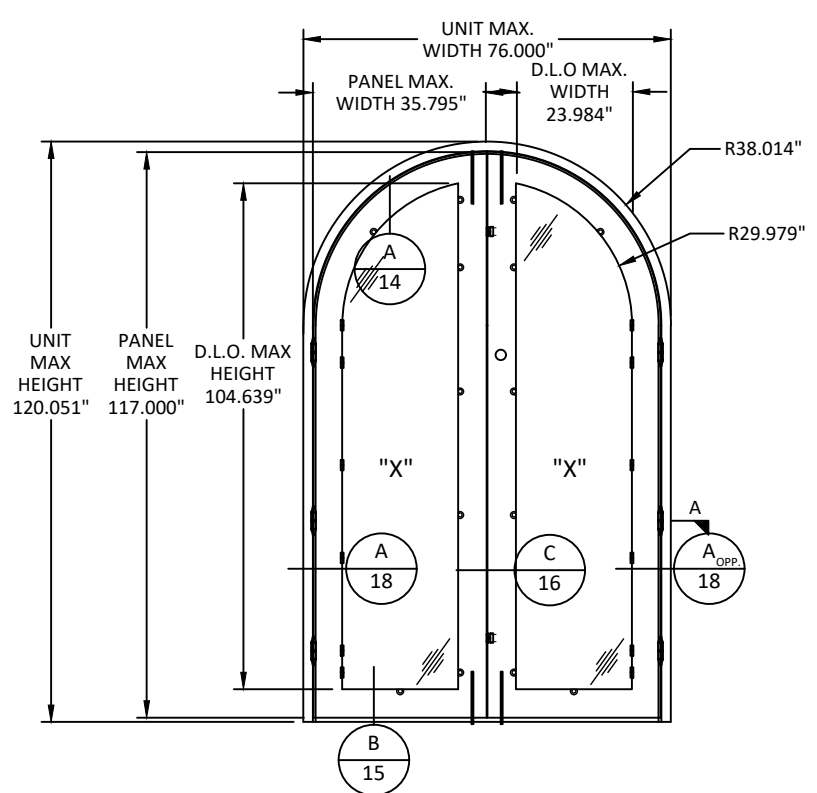
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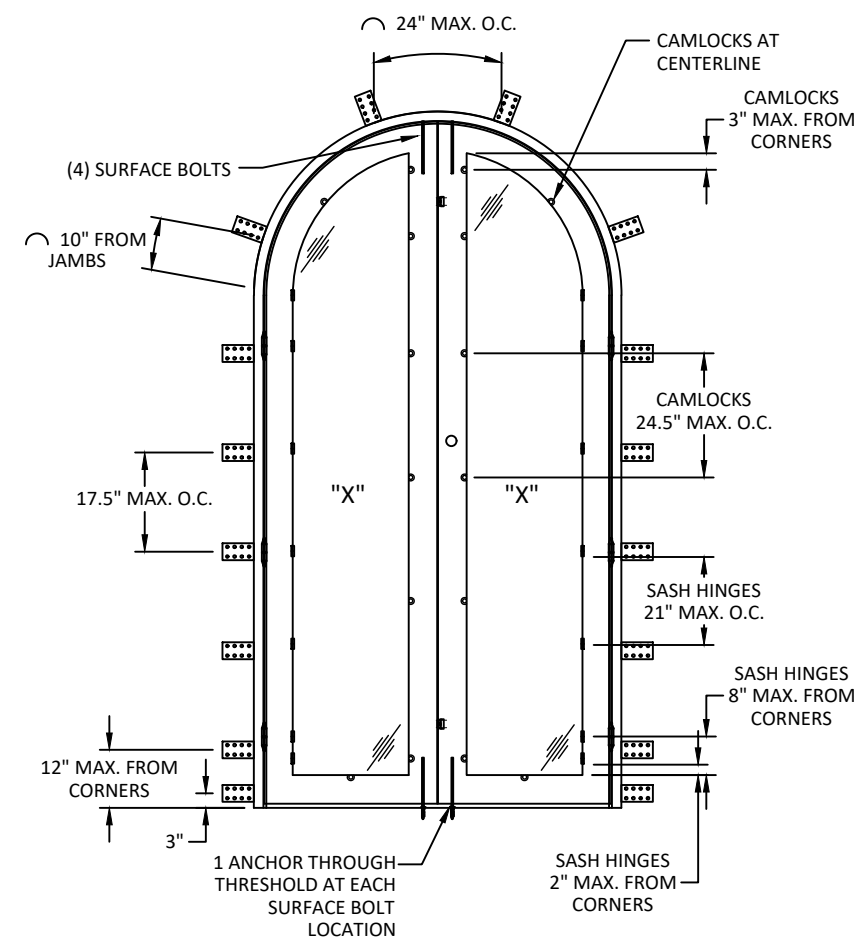
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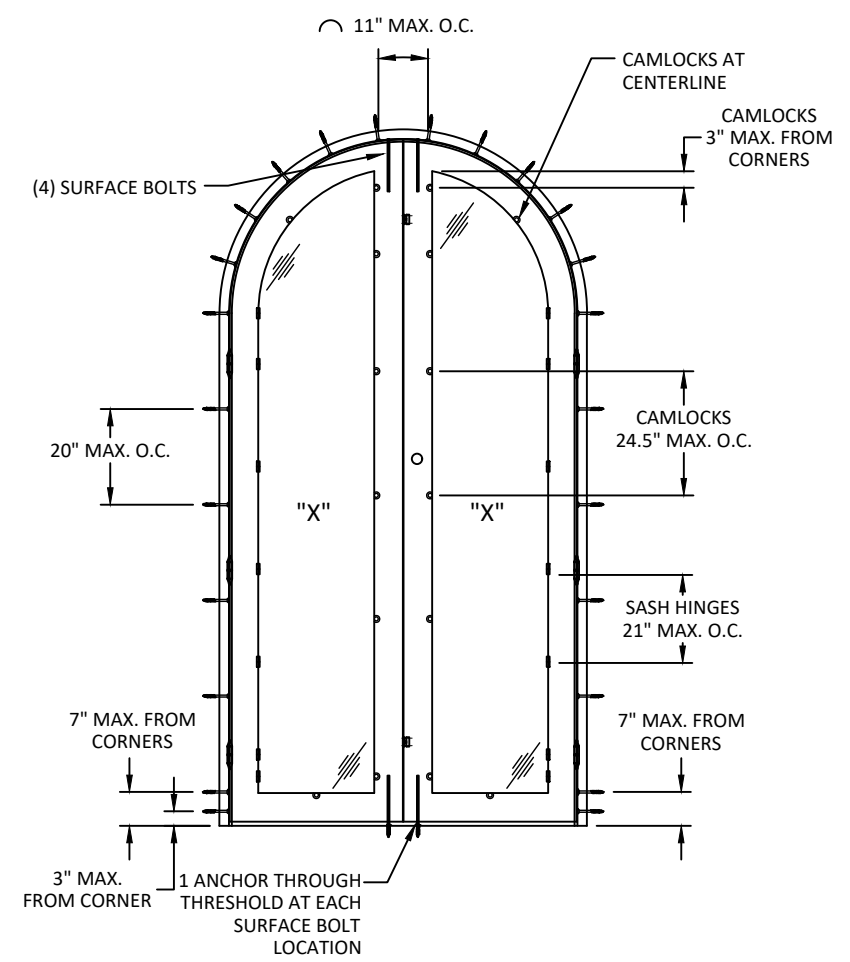
ELEVATION(OUTSWING)



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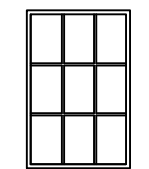


**ANCHOR LAYOUT
MOUNTING TAB INSTALLATION**



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THROUGH FRAME INSTALLATION**

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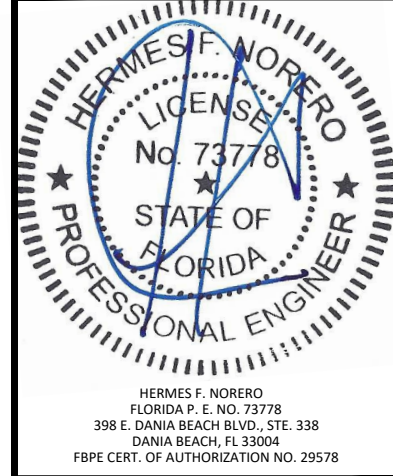
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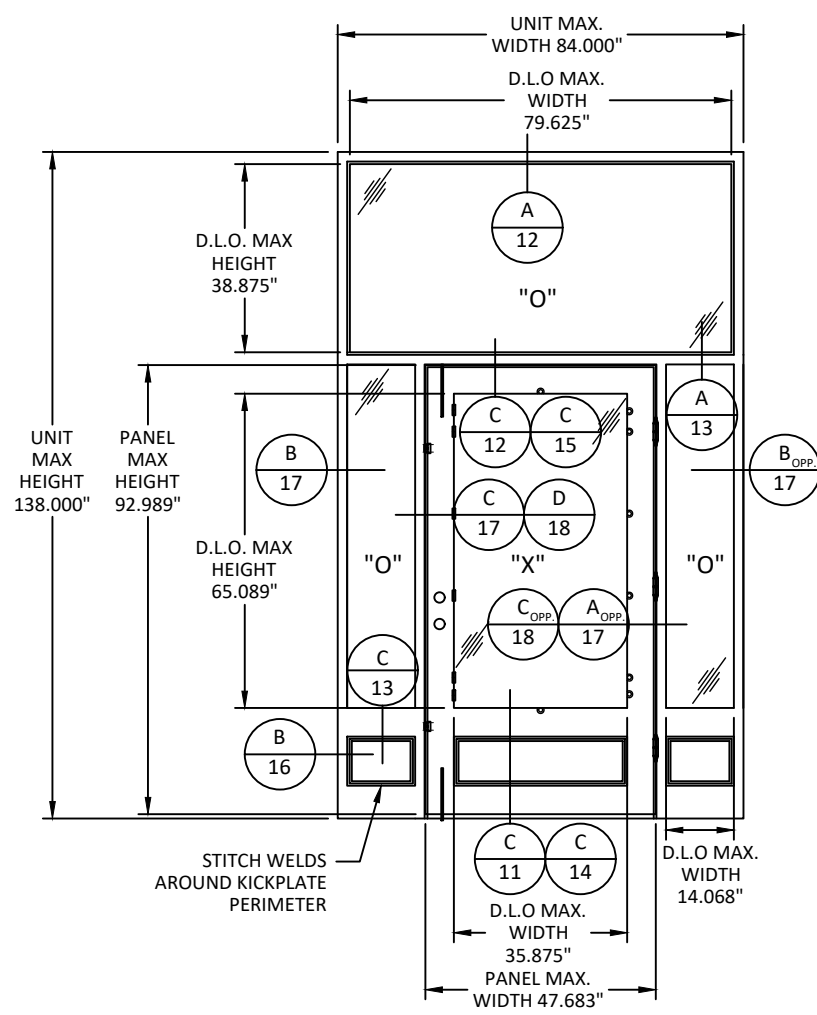
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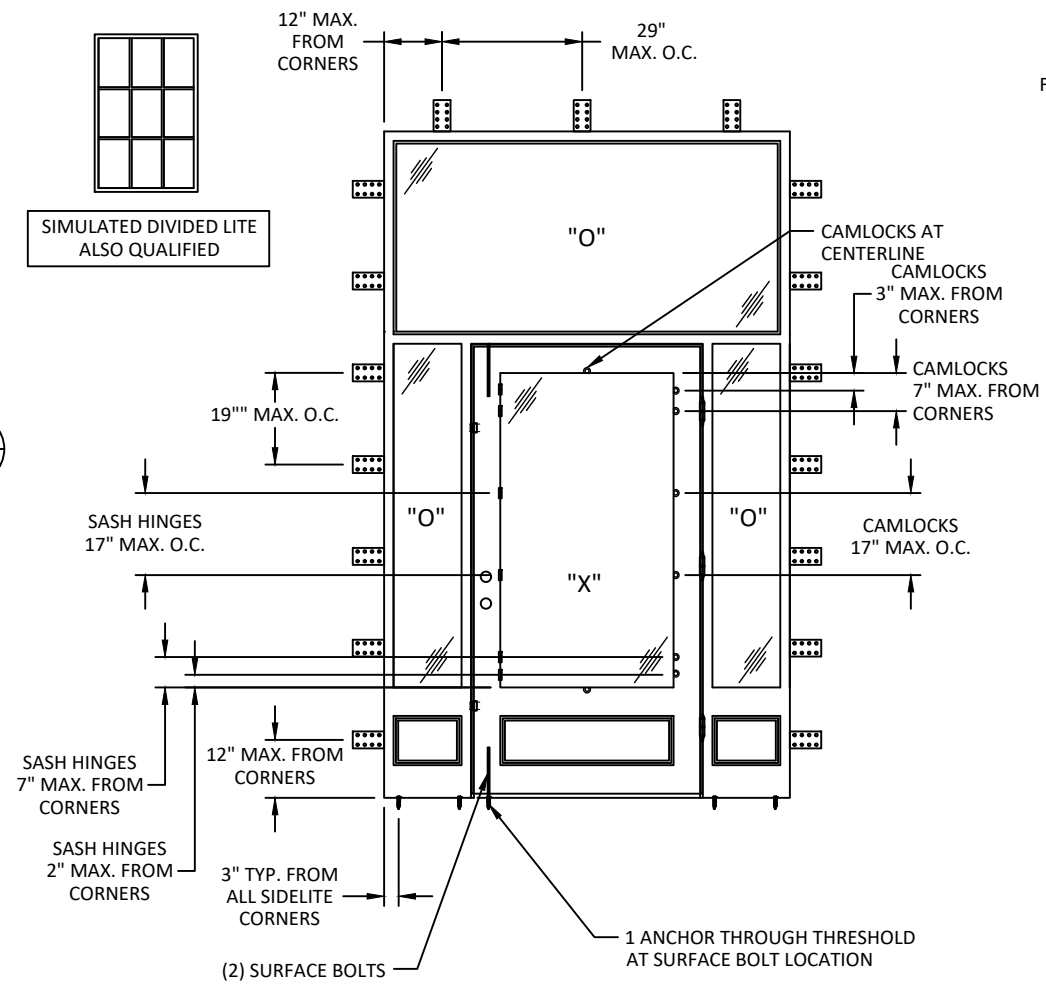
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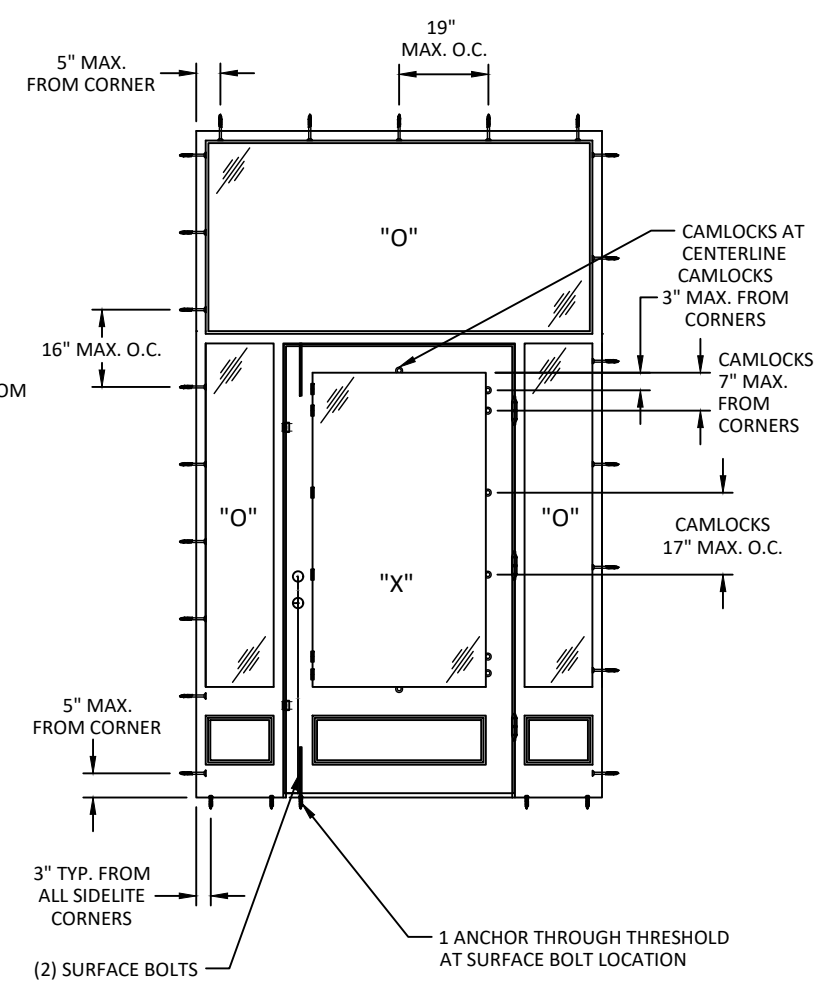
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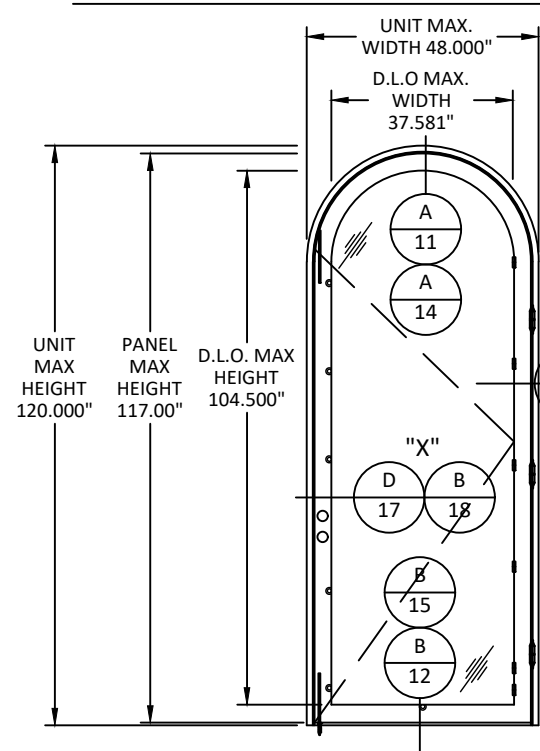
ELEVATION (INSWING/OUTSWING)



ANCHOR LAYOUT (INSWING/OUTSWING) MOUNTING TAB INSTALLATION

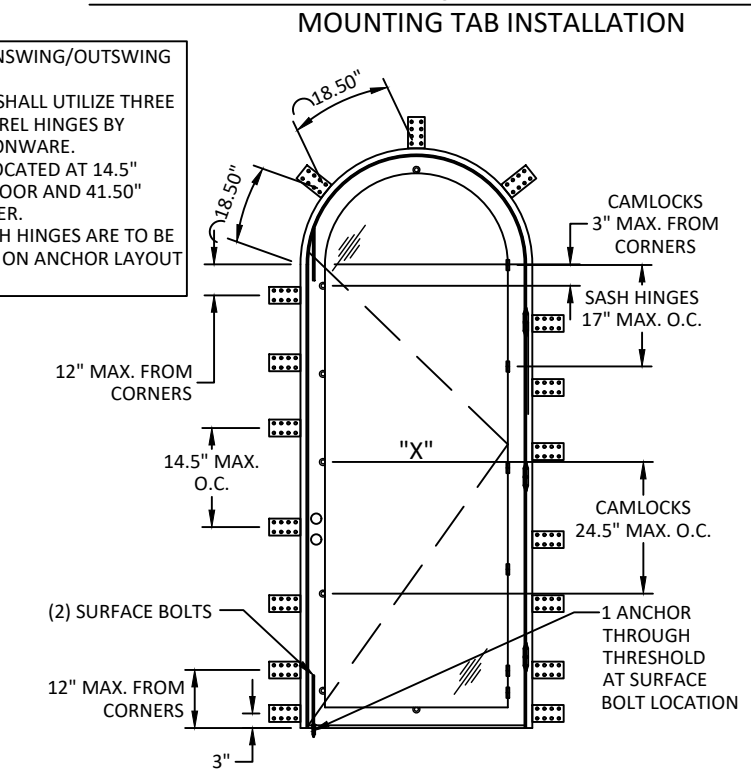


ANCHOR LAYOUT (INSWING/ OUTSWING) THROUGH FRAME INSTALLATION

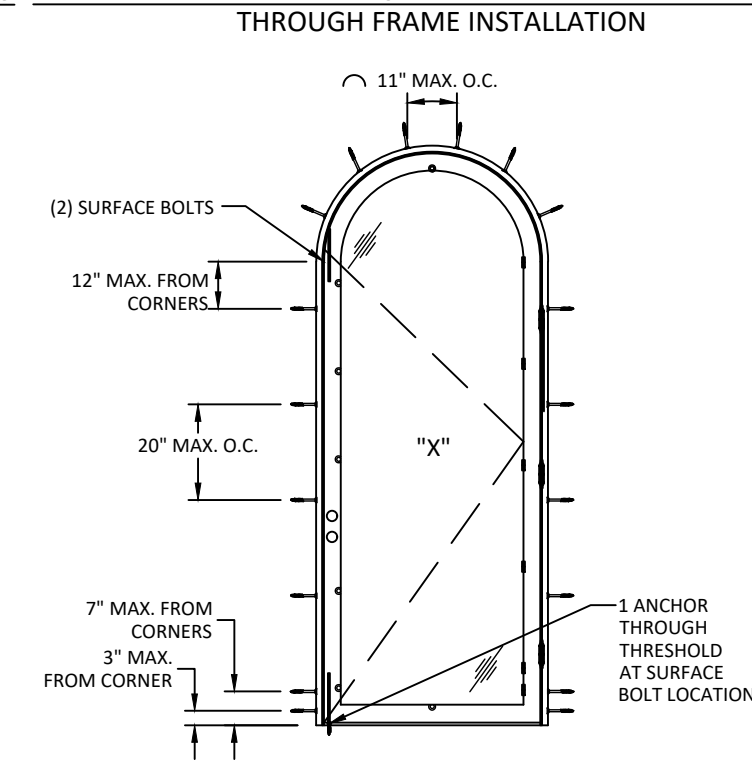


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ANCHOR LAYOUT (INSWING/OUTSWING) MOUNTING TAB INSTALLATION



ANCHOR LAYOUT (INSWING/OUTSWING) THROUGH FRAME INSTALLATION



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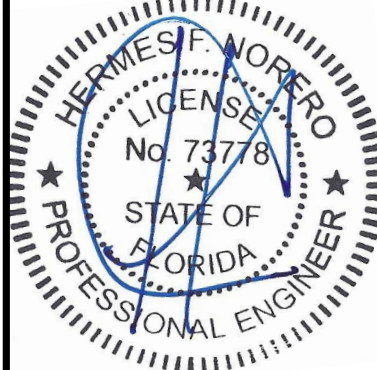
ELEVATION AND
ANCHOR LAYOUT

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

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FLORIDA P. E. NO. 73778
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

FL16749

DATE: **03.21.19**

DWG. BY: **YC** | CHK. BY: **HFN**

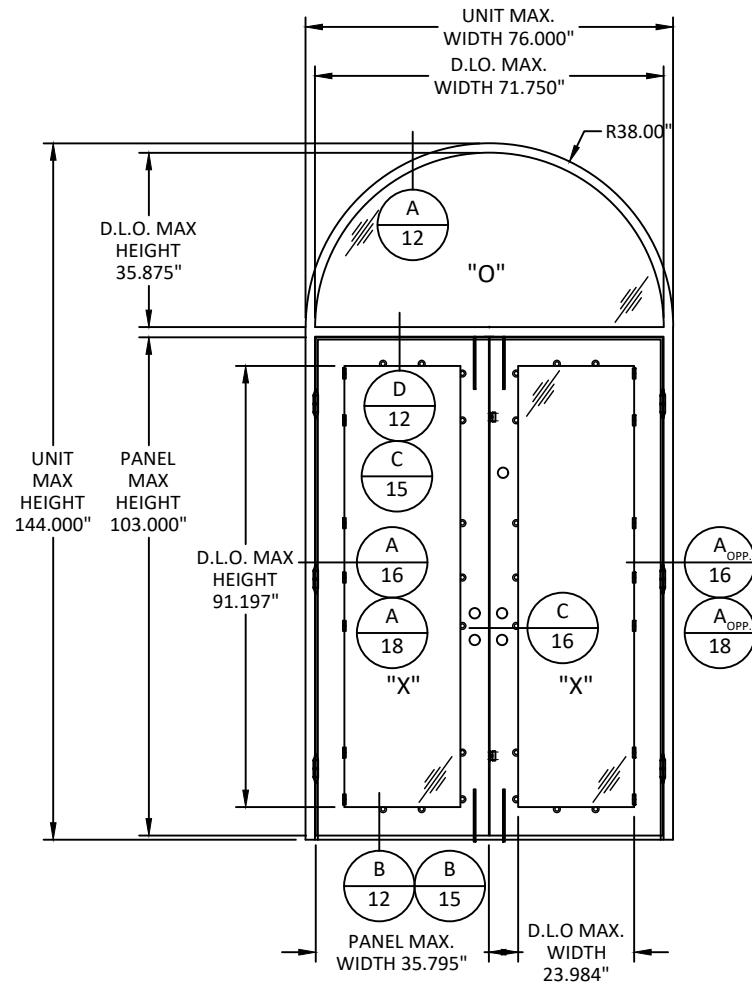
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DWG. #: **PCI015**

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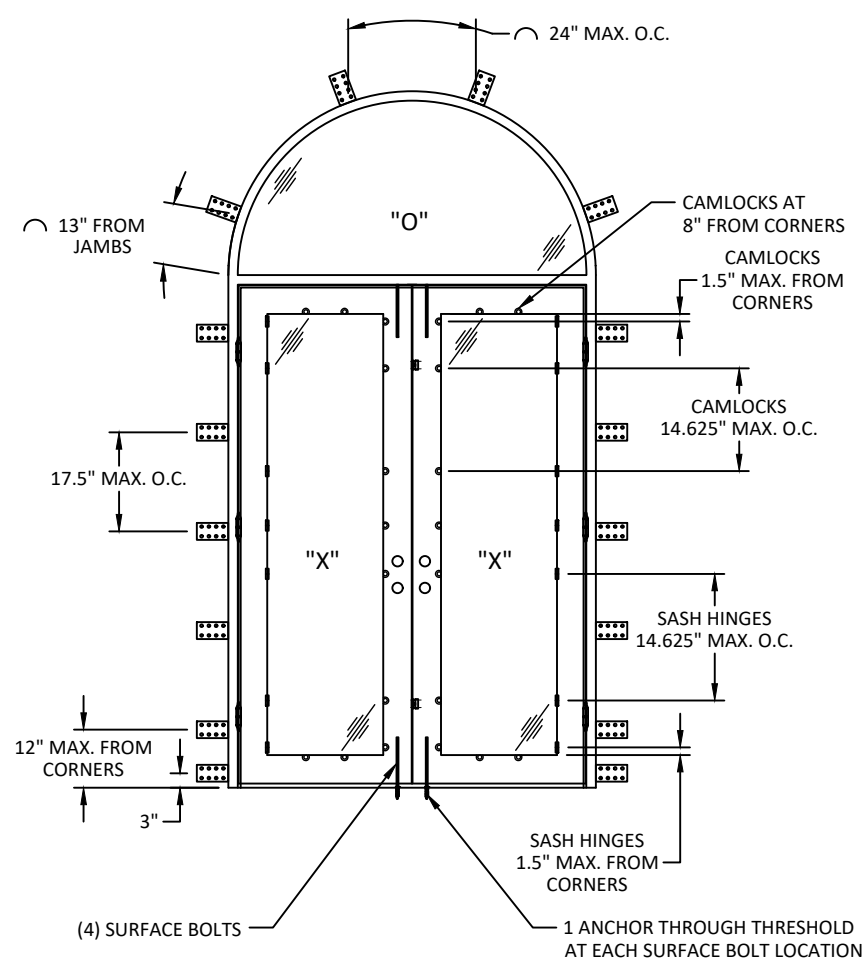
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OF 23



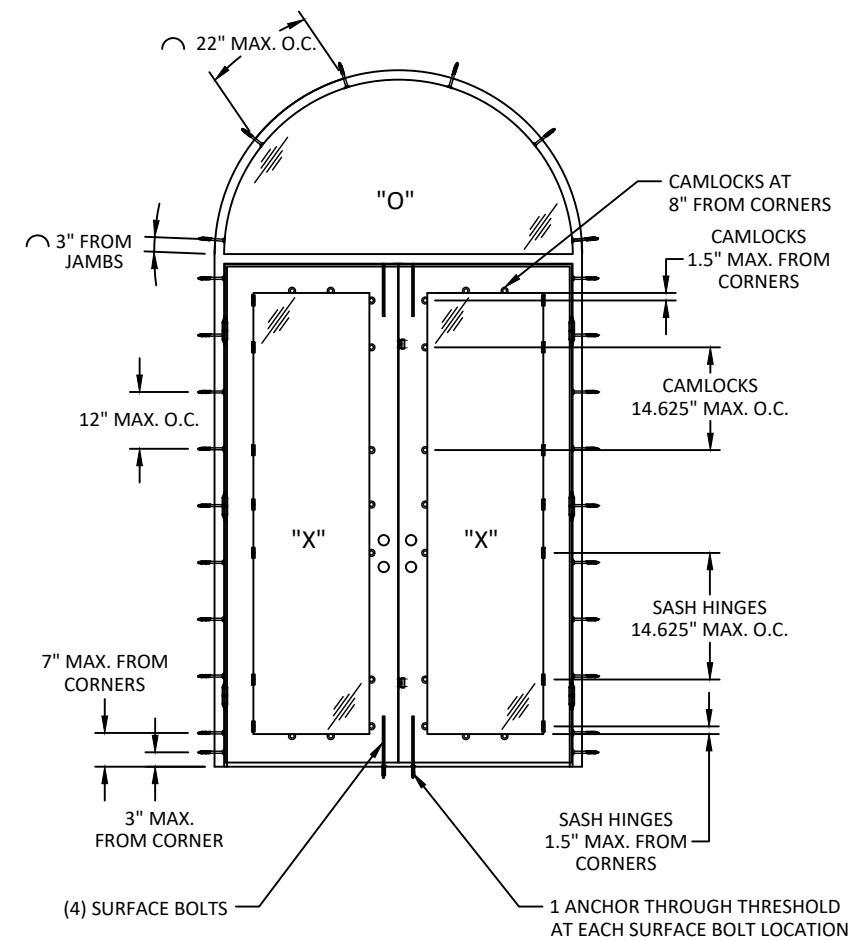
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MAXIMUM 13.95 SQFT OF GLASS FOR
TRANSOMS USING DETAILS C/11 AND A/14

ELEVATION (INSWING/OUTSWING)

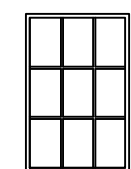


**ANCHOR LAYOUT (INSWING/OUTSWING)
MOUNTING TAB INSTALLATION**

- HARDWARE NOTES:**
- EACH ACTIVE PANEL SHALL UTILIZE THREE (3) 6" X 1" STEEL BARREL HINGES BY NATURAL CHOICE IRONWARE.
 - HINGES ARE TO BE LOCATED AT 14.5" FROM BOTTOM OF DOOR AND 40.25" MAX. O.C. THEREAFTER.
 - CAM LOCKS AND SASH HINGES ARE TO BE LOCATED AS SHOWN ON ANCHOR LAYOUT AT RIGHT.



**ANCHOR LAYOUT (INSWING/OUTSWING)
THROUGH FRAME INSTALLATION**



SIMULATED DIVIDED LITE
ALSO QUALIFIED

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3160 KUTAK RD.
FORT MYERS, FL 33916

PH: (239) 691-8400 FX: (239)277-0061

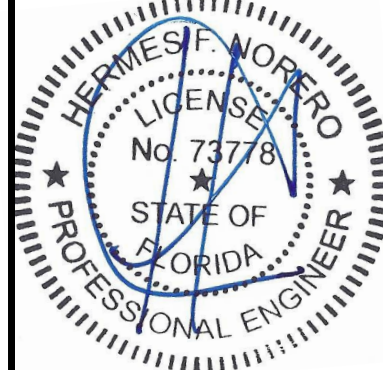
TITLE: **WROUGHT IRON DOORS
(INSWING/OUTSWING)
(NON-HVHZ/NON-IMPACT)
ELEVATION AND
ANCHOR LAYOUT**

PREPARED BY: **BUILDING DROPS, INC.**
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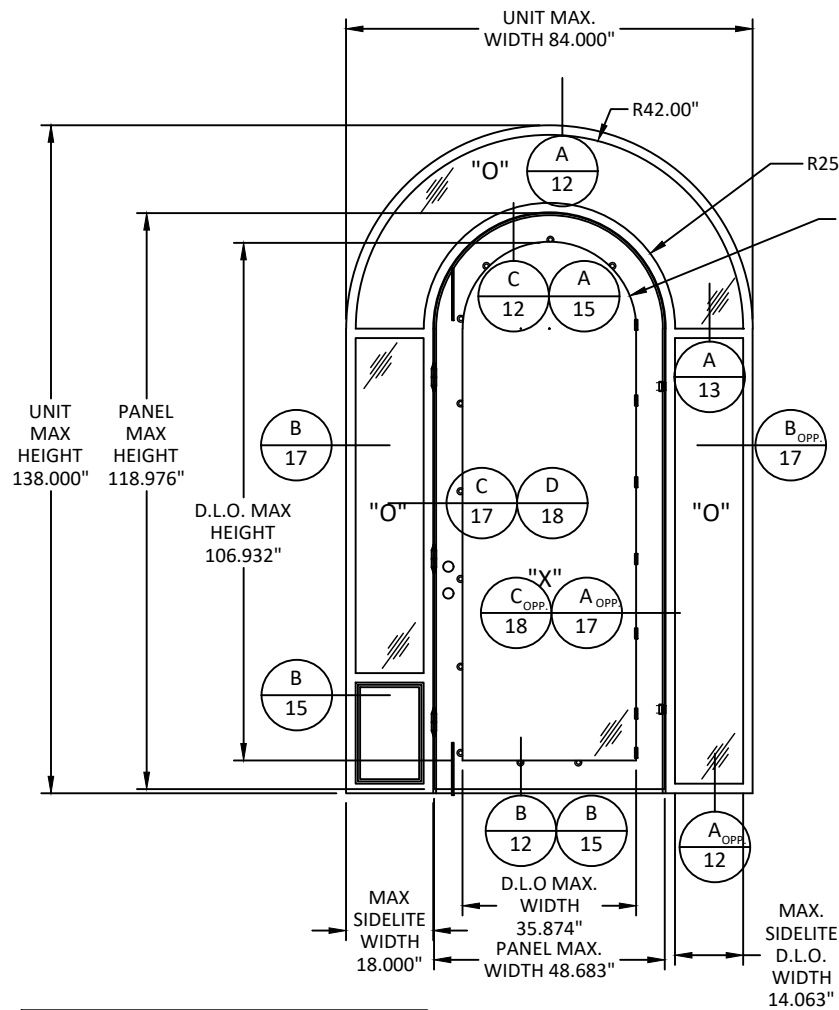
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DWG. #: **PCI015**

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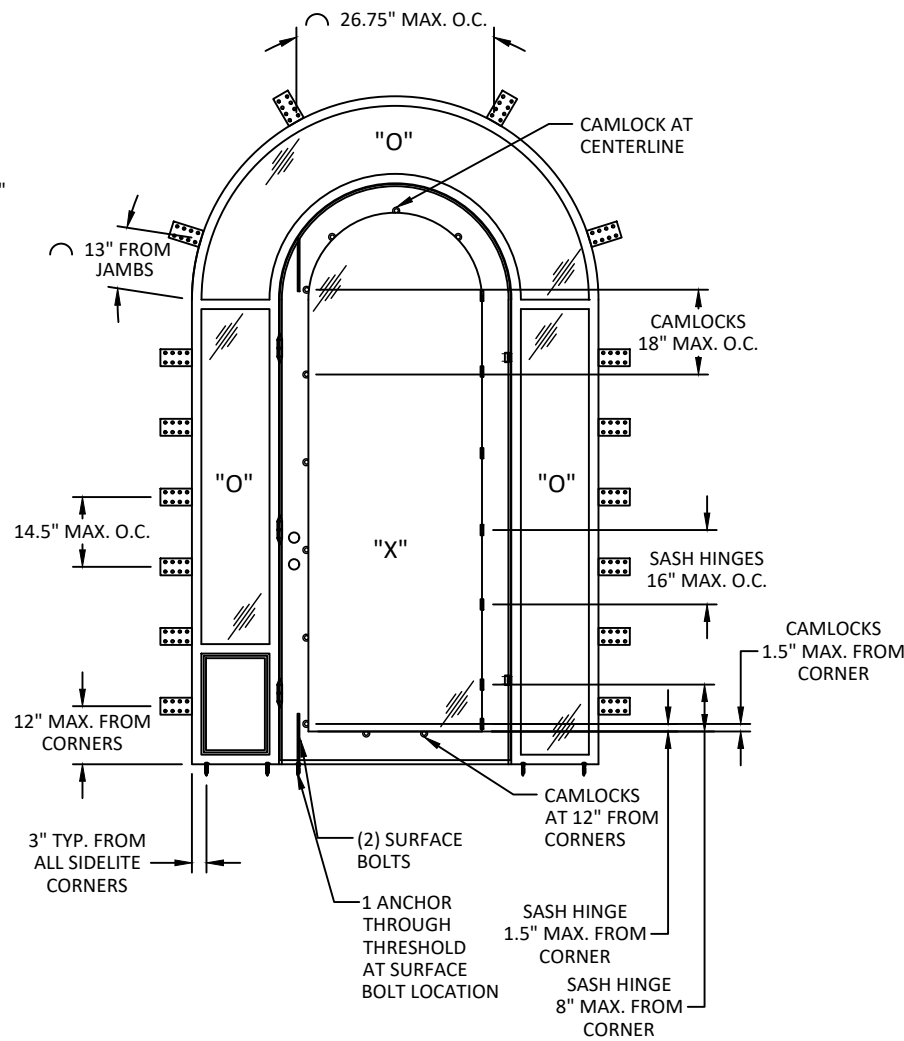
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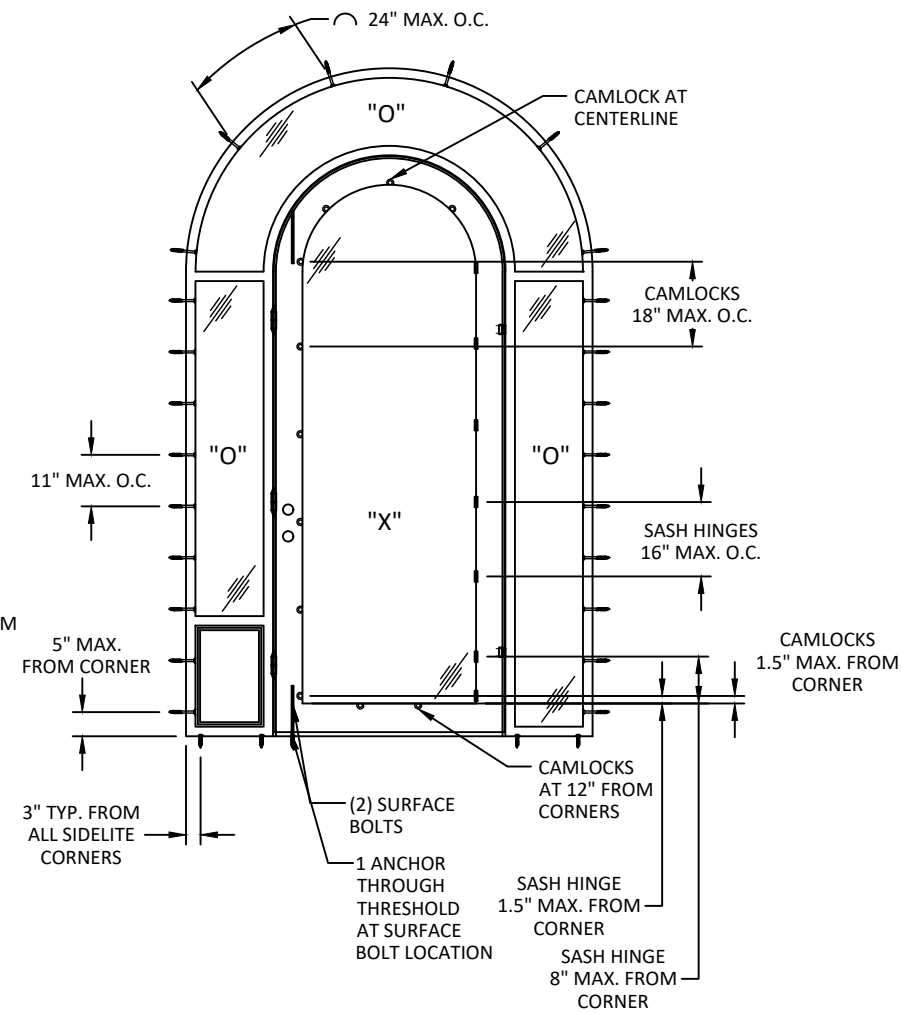


*NOTE:
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TRANSOMS USING DETAILS C/11 AND A/14

ELEVATION(INSWING/OUTSWING) ANCHOR LAYOUT(INSWING/OUTSWING)



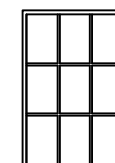
MOUNTING TAB INSTALLATION



ANCHOR LAYOUT (INSWING/OUTSWING)

THROUGH FRAME INSTALLATION

- HARDWARE NOTES:**
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 - CAM LOCKS AND SASH HINGES ARE TO BE LOCATED AS SHOWN ON ANCHOR LAYOUT AT RIGHT.



SIMULATED DIVIDED LITE
ALSO QUALIFIED



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FORT MYERS, FL 33916

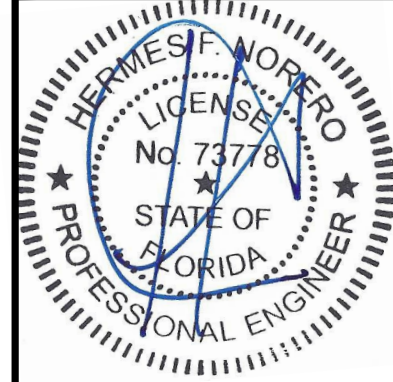
PH: (239) 691-8400 FX: (239) 277-0061

TITLE: **WROUGHT IRON DOORS
(INSWING/OUTSWING)
(NON-HVHZ)/(NON-IMPACT)
ELEVATION AND
ANCHOR LAYOUT**

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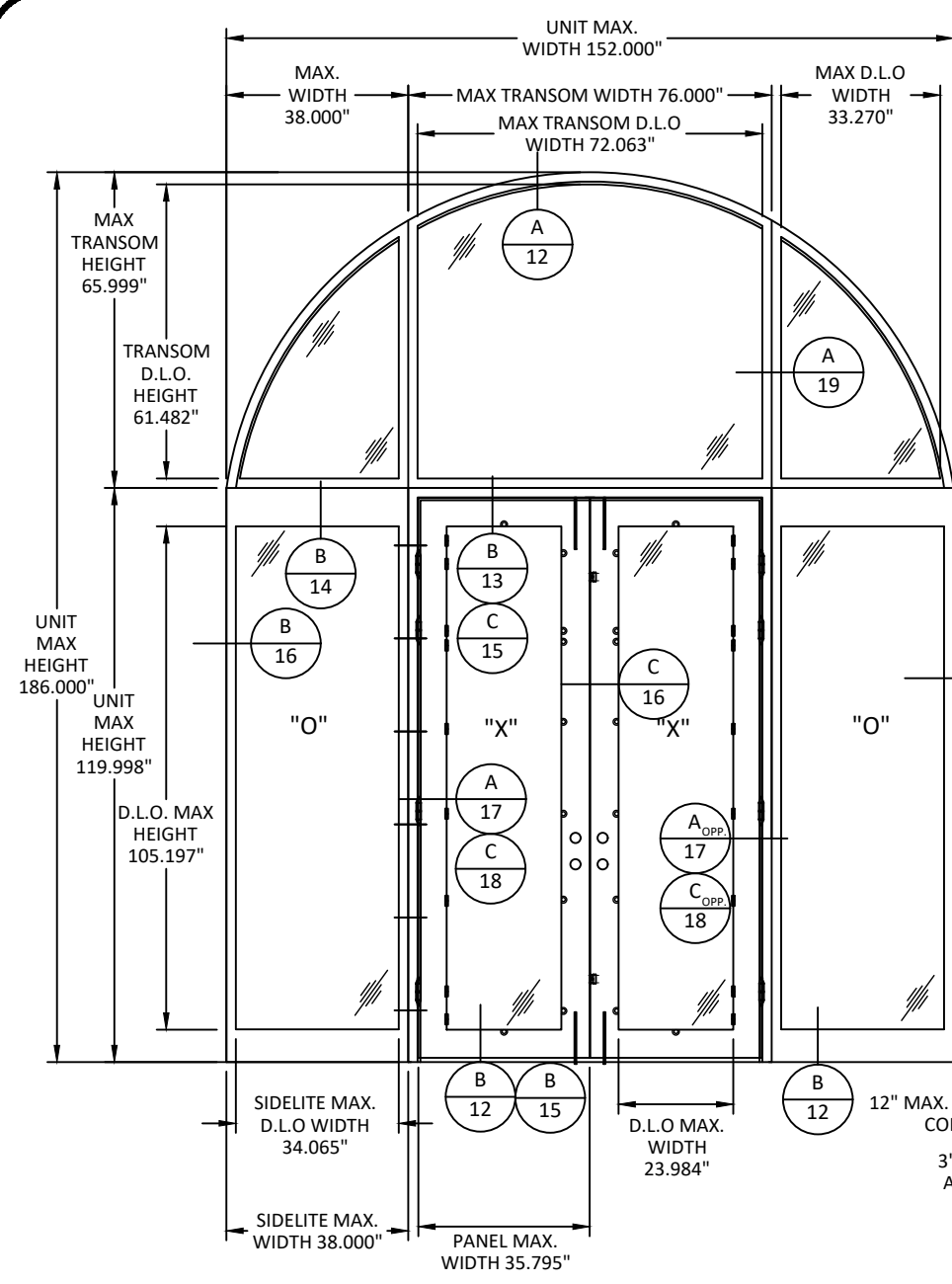
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DWG. #: **PCI015**

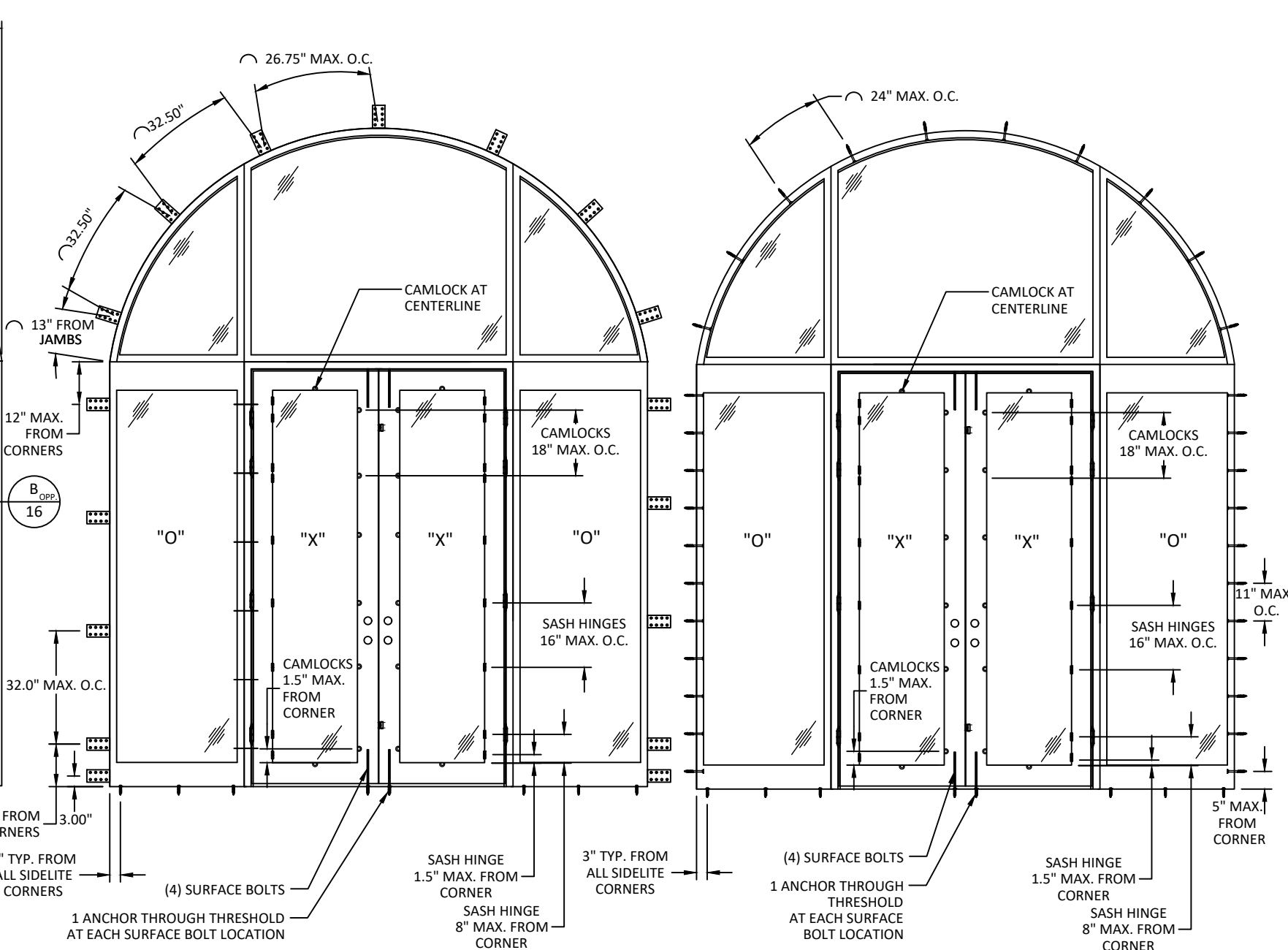
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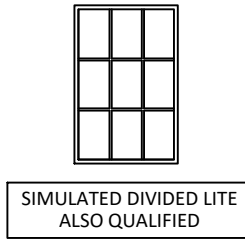
ELEVATION(INSWING/OUTSWING)



**ANCHOR LAYOUT(INSIWNG/OUTSWING)
MOUNTING TAB INSTALLATION**

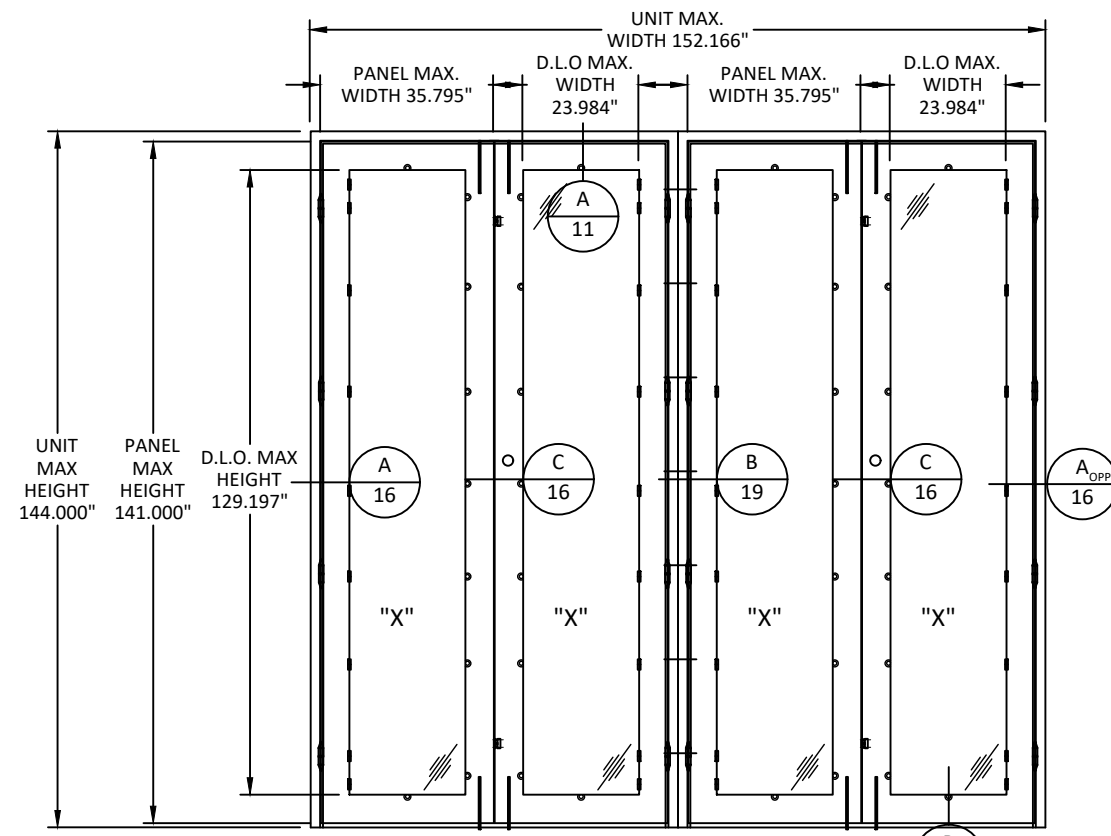
**ANCHOR LAYOUT(/INSWINGOUTSWING)
THROUGH FRAME INSTALLATION**

- HARDWARE NOTES:**
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 2. HINGES ARE TO BE LOCATED AT 14.5" FROM BOTTOM OF DOOR AND 36.50" MAX. O.C. THEREAFTER.
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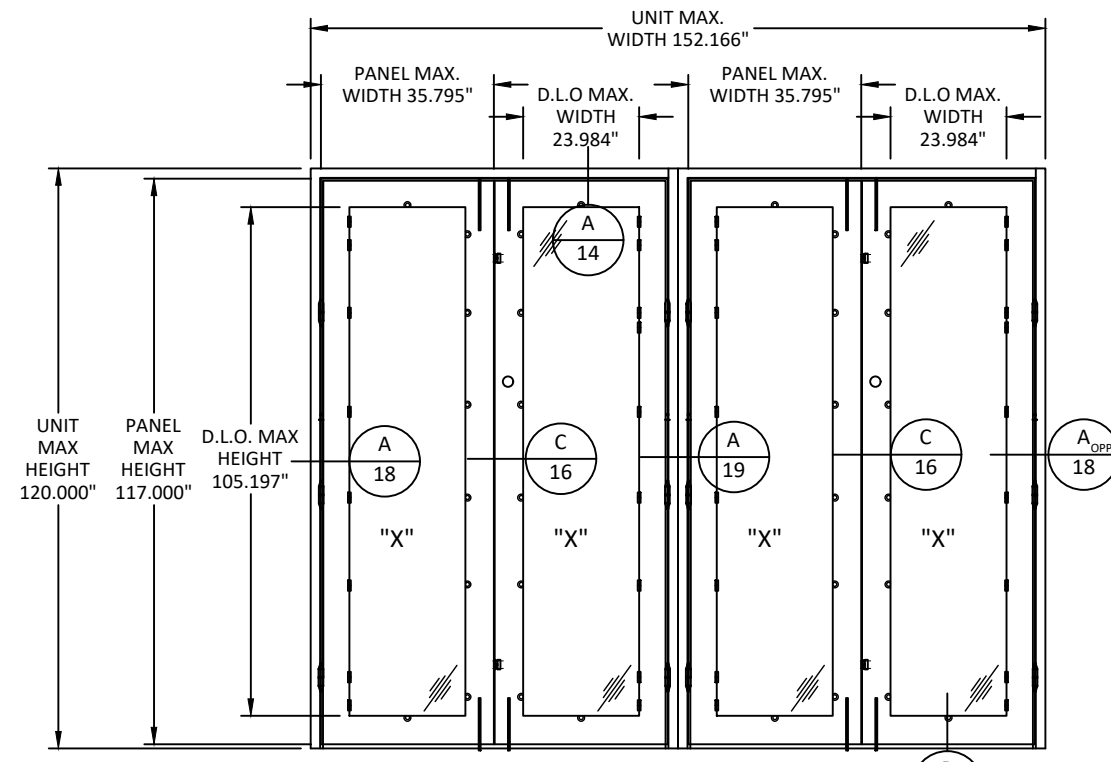


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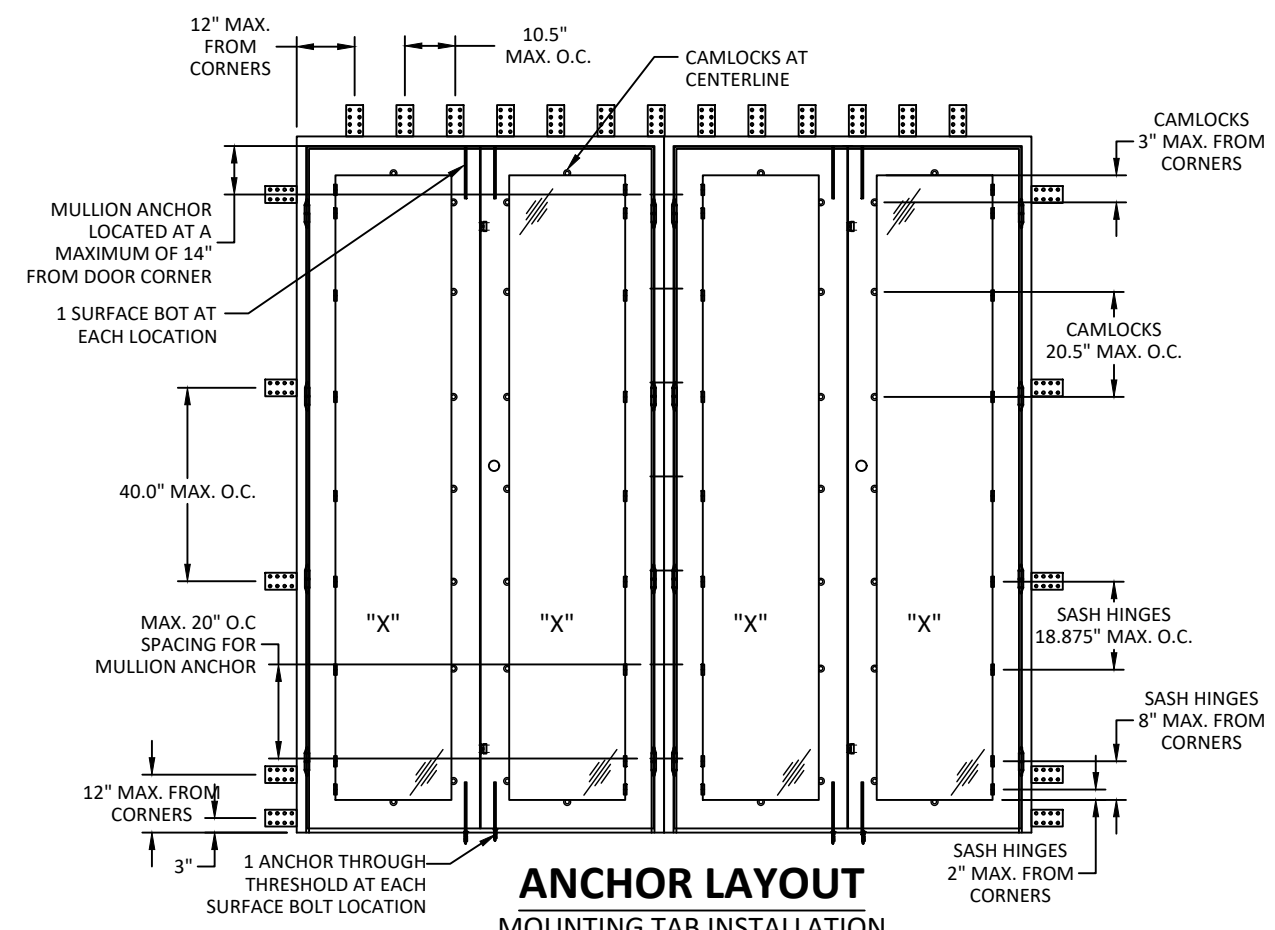
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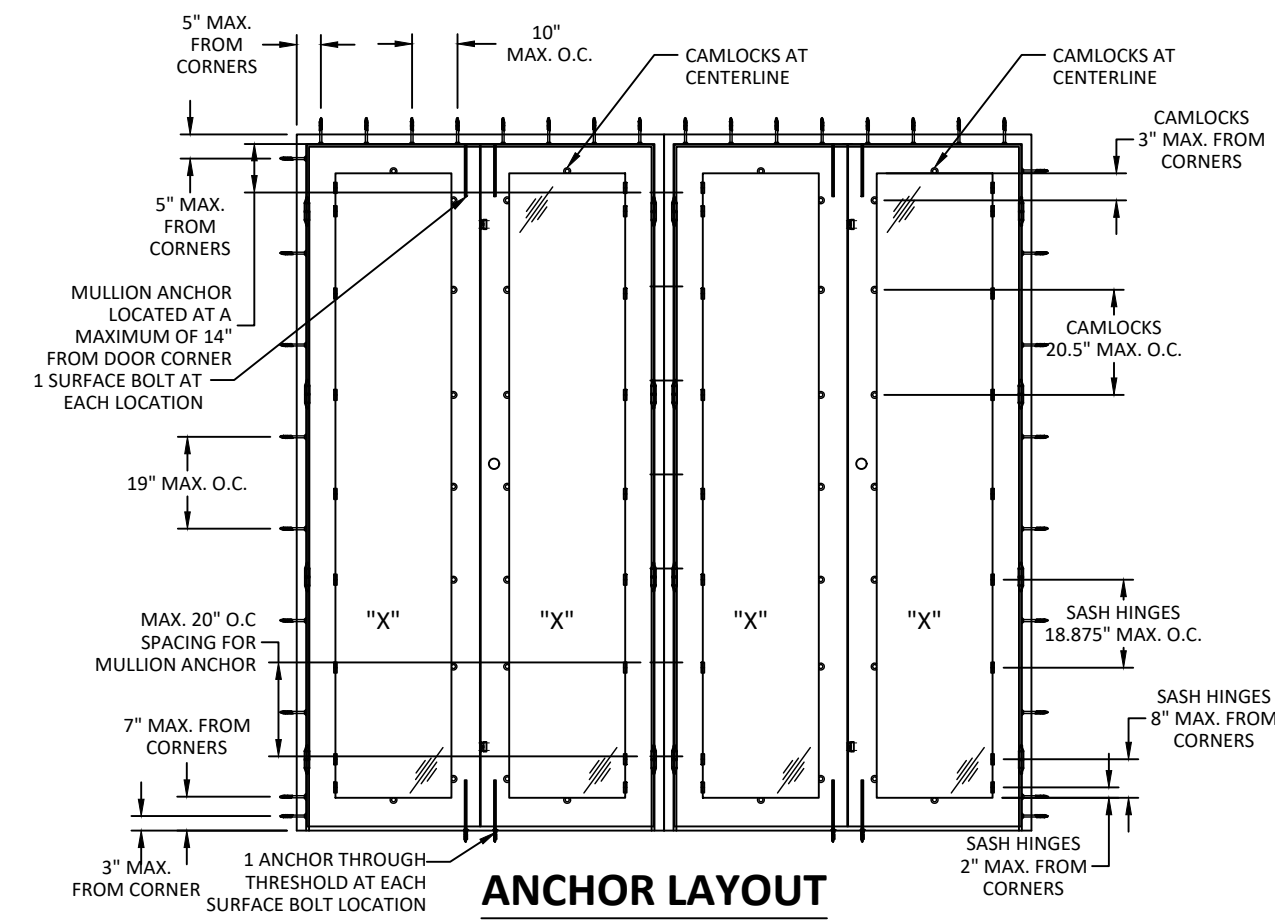
ELEVATION(OUTSWING)
OUTSWING TO OUTSWING
MAX HEIGHT 144"



ELEVATION(INSWING)
INSWING TO INSWING
MAX HEIGHT 120"



ANCHOR LAYOUT
MOUNTING TAB INSTALLATION



ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



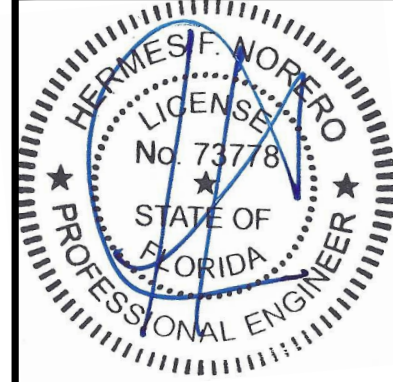
Palm City IRONWORKS
PALM CITY IRONWORKS
3160 KUTAK RD.
FORT MYERS, FL 33916
PH: (239) 691-8400 FX: (239)277-0061

TITLE: **WROUGHT IRON DOORS**
(INSWING/OUTSWING)
(NON-HVHZ/NON-IMPACT)
ELEVATION AND ANCHOR LAYOUT

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DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

FL16749

DATE: **03.21.19**
DWG. BY: **YC** | CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **PCI015**
SHEET:

10

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PALM CITY IRONWORKS
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FORT MYERS, FL 33916

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TITLE: **WROUGHT IRON DOORS
(INSWING/OUTSWING)
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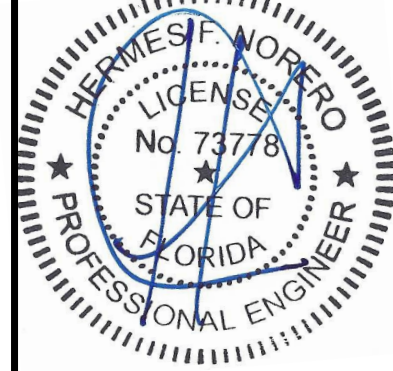
VERTICAL SECTIONS

PREPARED BY: **BUILDING DROPS, INC.**
398 E. DANIA BEACH BLVD., STE. 338
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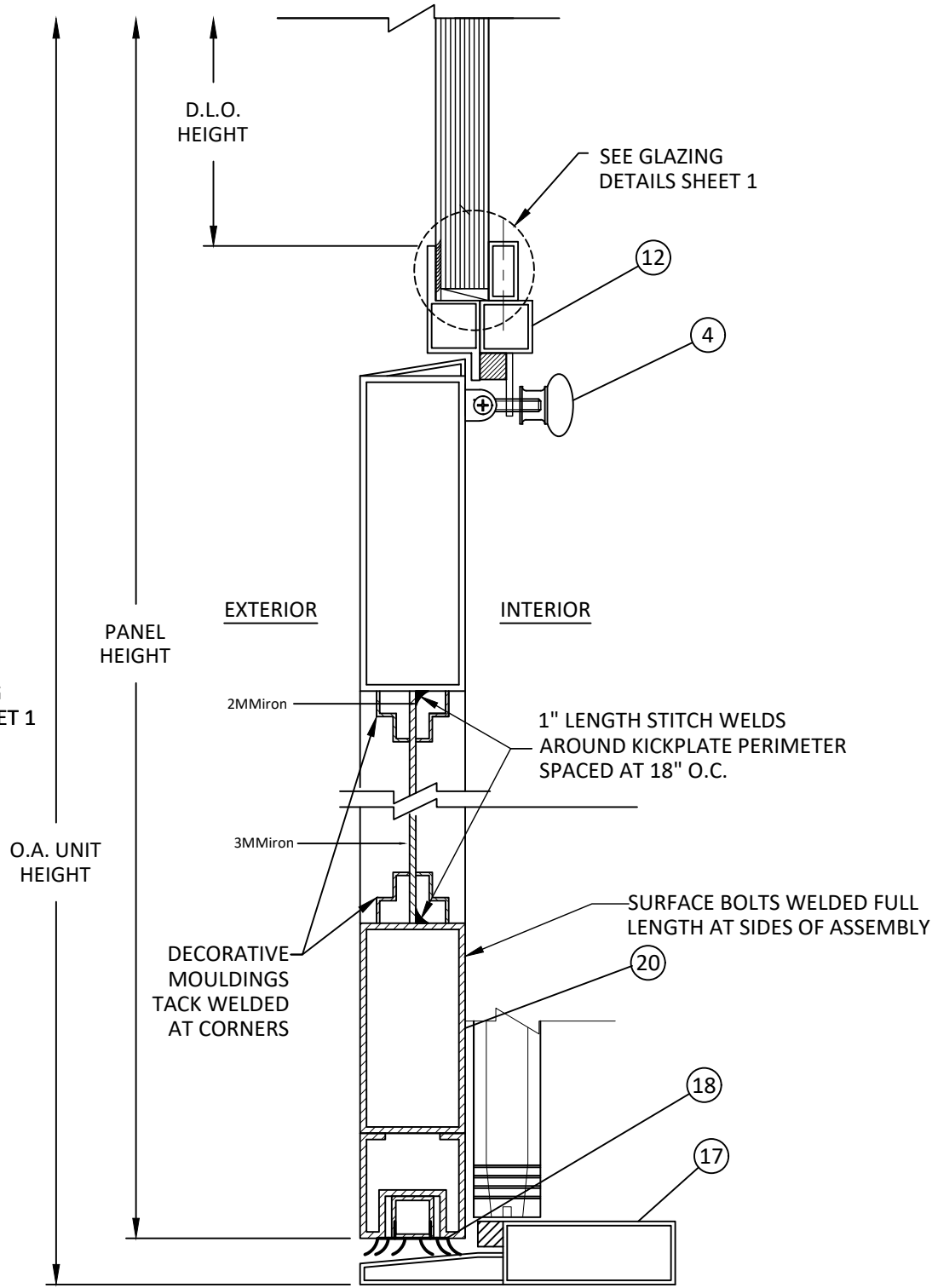
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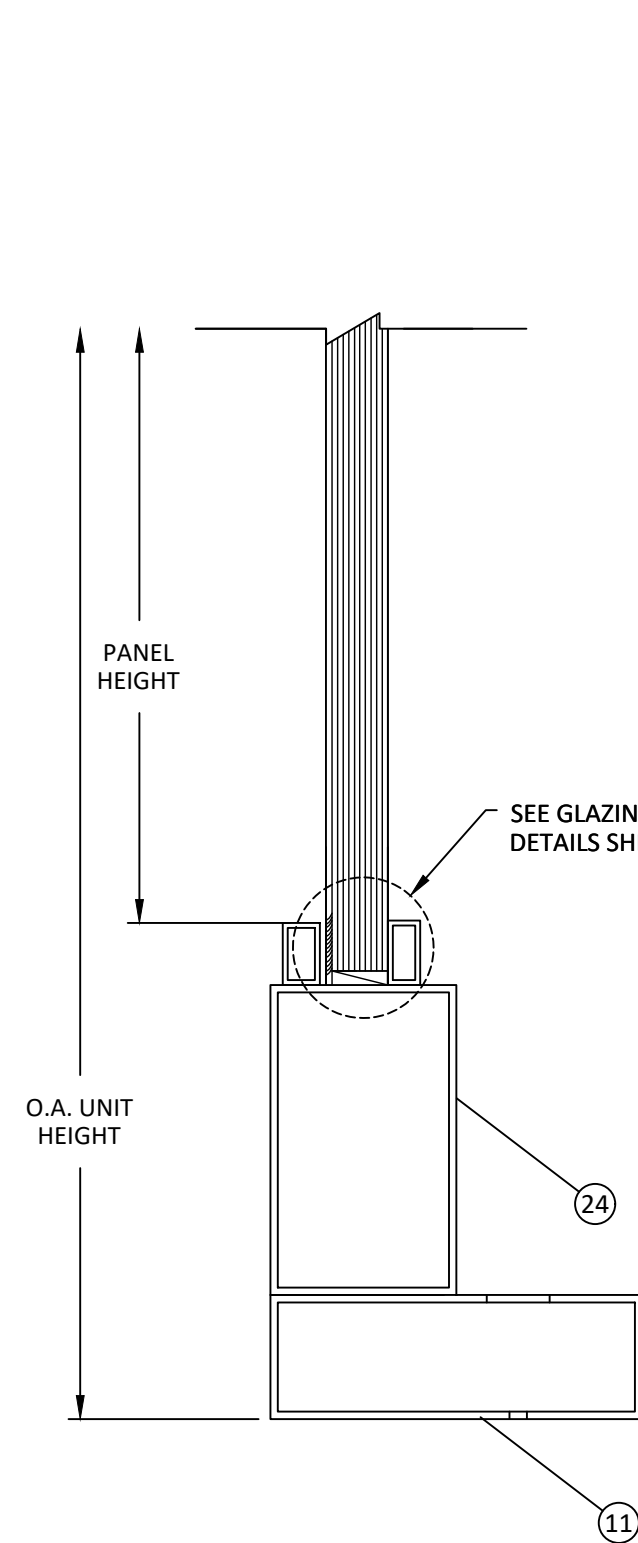
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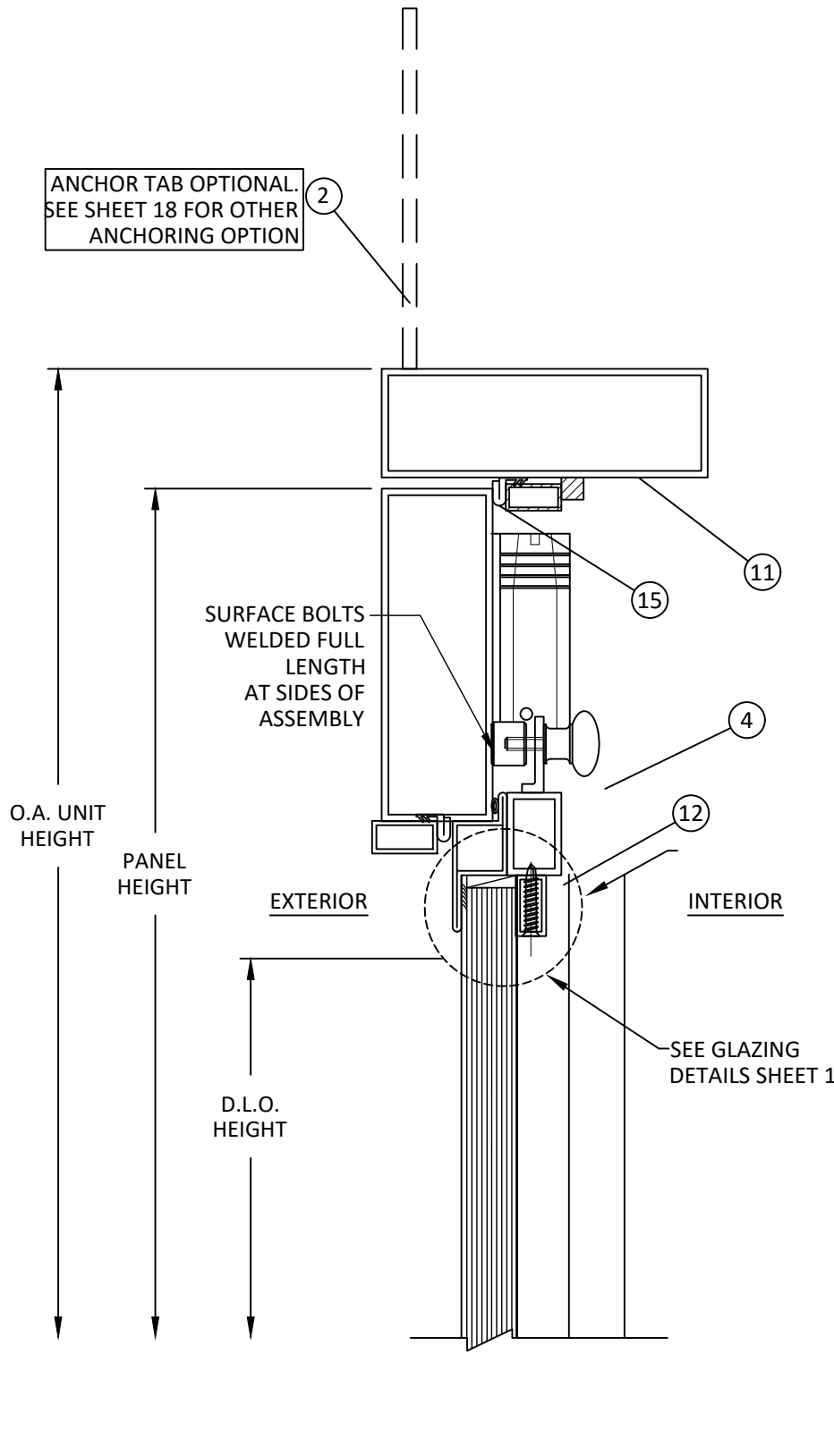
OF 23



C
11 VERTICAL SECTION
SILL DETAIL OUT-SWING DOOR



B
11 VERTICAL SECTION
SIDELITE SILL



A
11 VERTICAL SECTION
HEAD DETAIL OUT-SWING DOOR

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TITLE: **WROUGHT IRON DOORS
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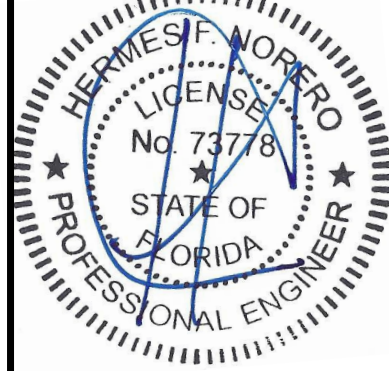
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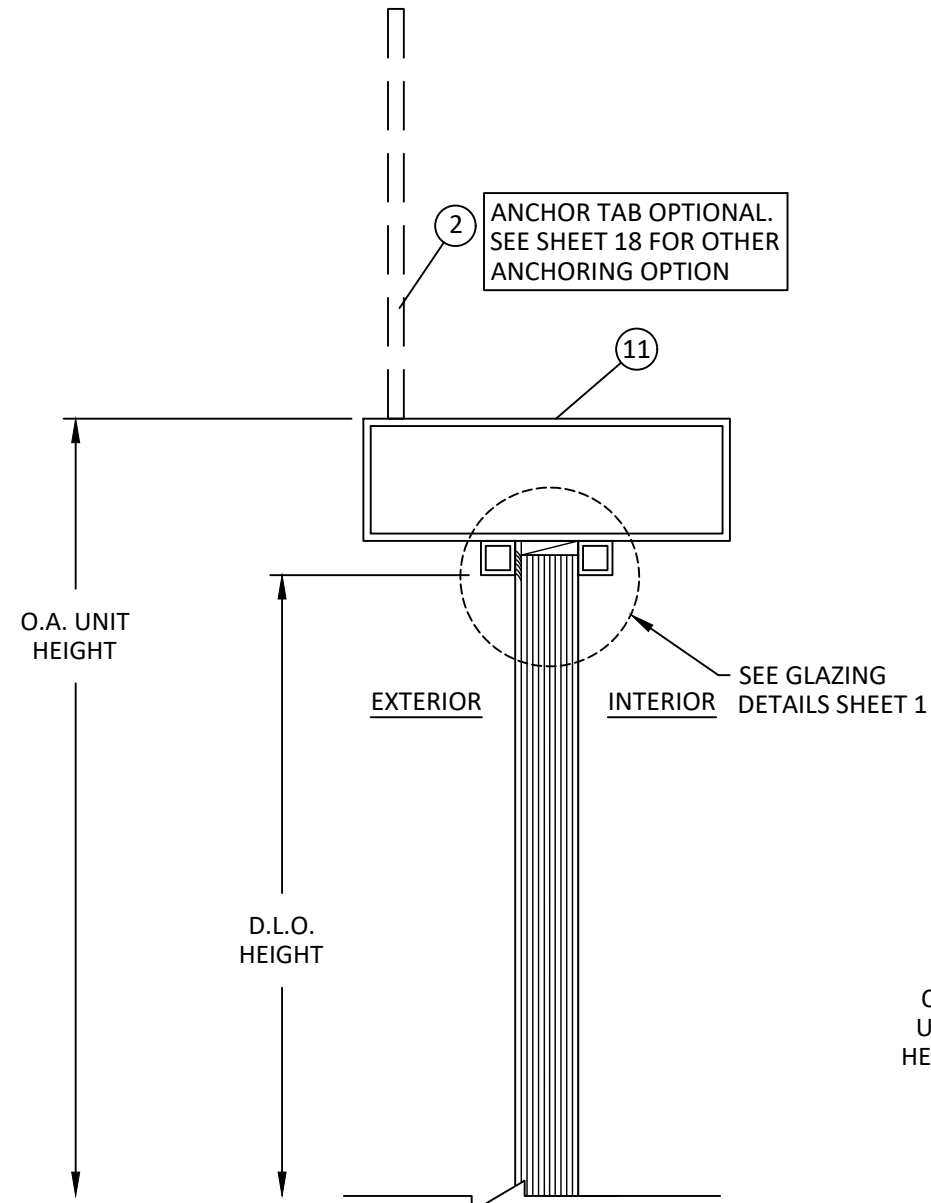
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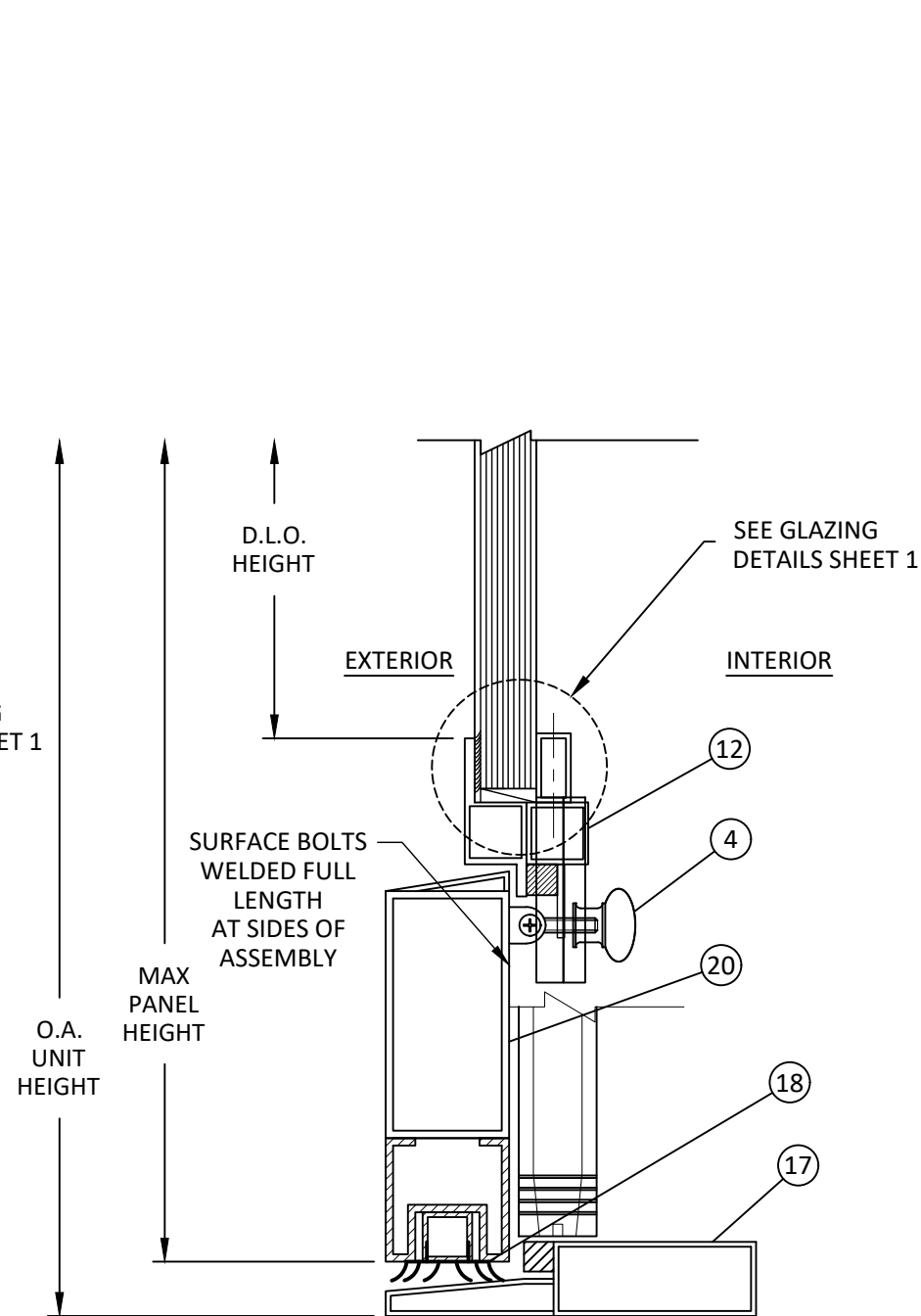
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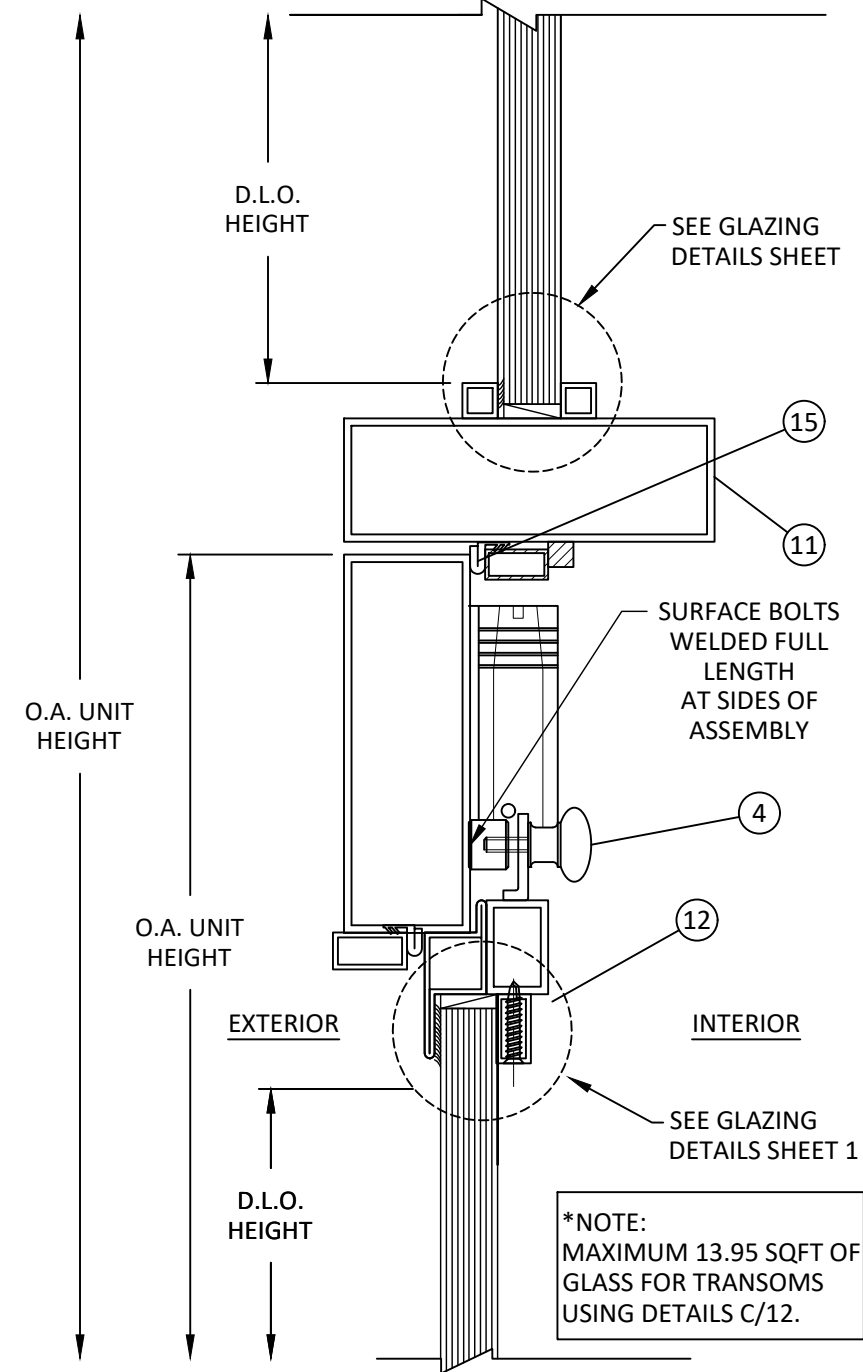
OF 23



A
12 VERTICAL SECTION
HEAD DETAIL TRANSOM



B
12 VERTICAL SECTION
SILL DETAIL OUT-SWING DOOR



C
12 VERTICAL SECTION
OUT-SWING DOOR WITH TRANSOM



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FORT MYERS, FL 33916

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TITLE: **WROUGHT IRON DOORS
(INSWING/OUTSWING)
(NON-HVHZ)/(NON-IMPACT)**

VERTICAL SECTIONS

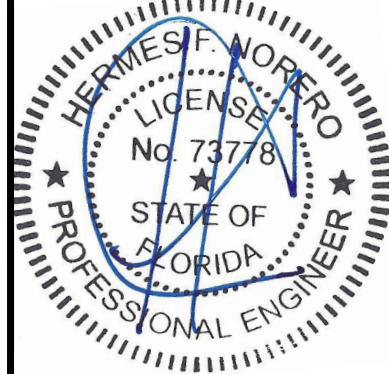
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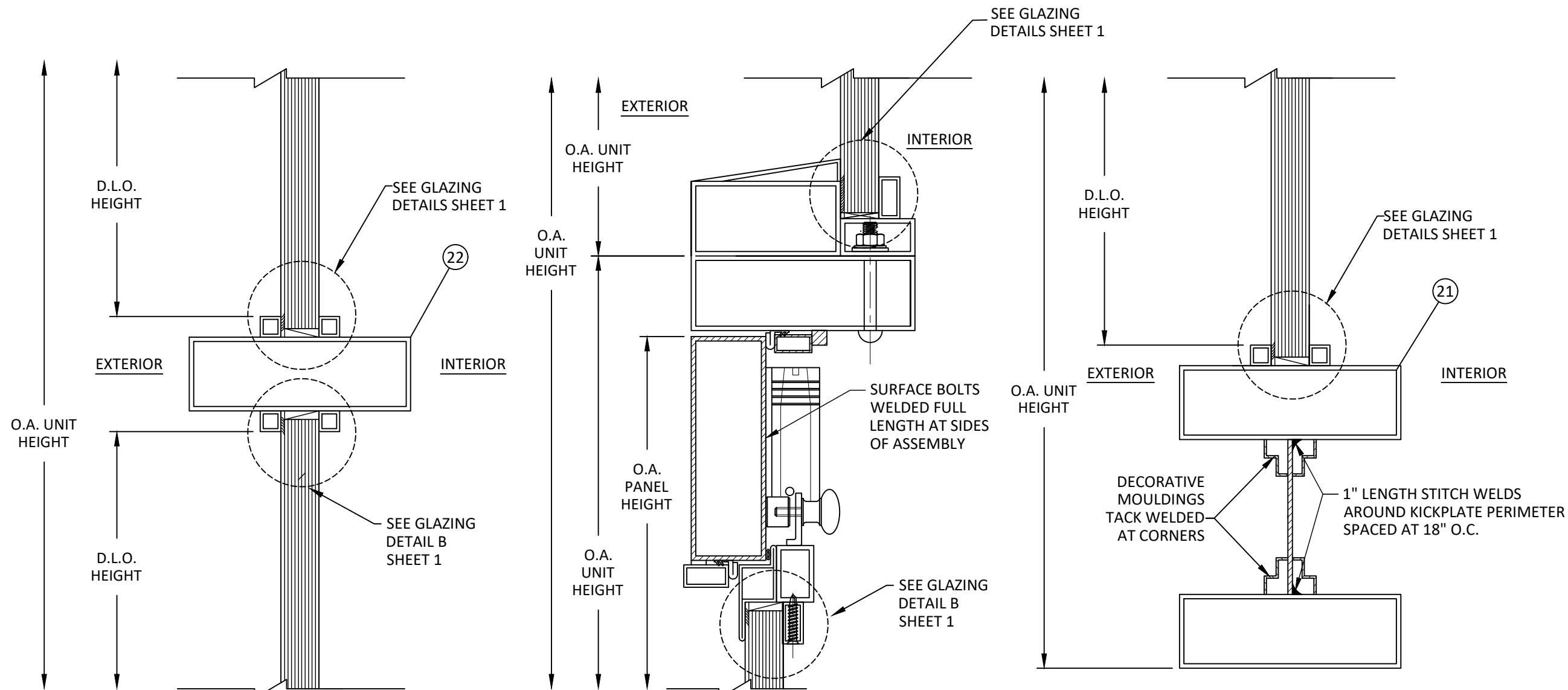
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DWG. #: **PCI015**

SHEET:

13

OF 23



A
13 VERTICAL SECTION
TRANSOM-SIDELITE

B
13 VERTICAL SECTION
OUTSWING WITH TRANSOM

C
13 VERTICAL SECTION
SIDELITE-KICKPLATE



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 FORT MYERS, FL 33916

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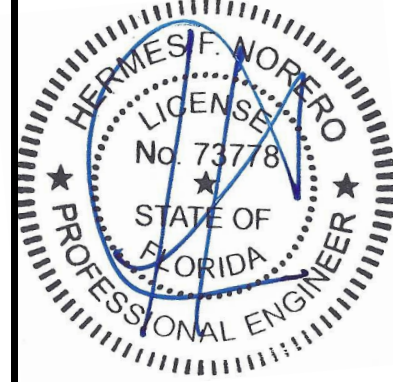
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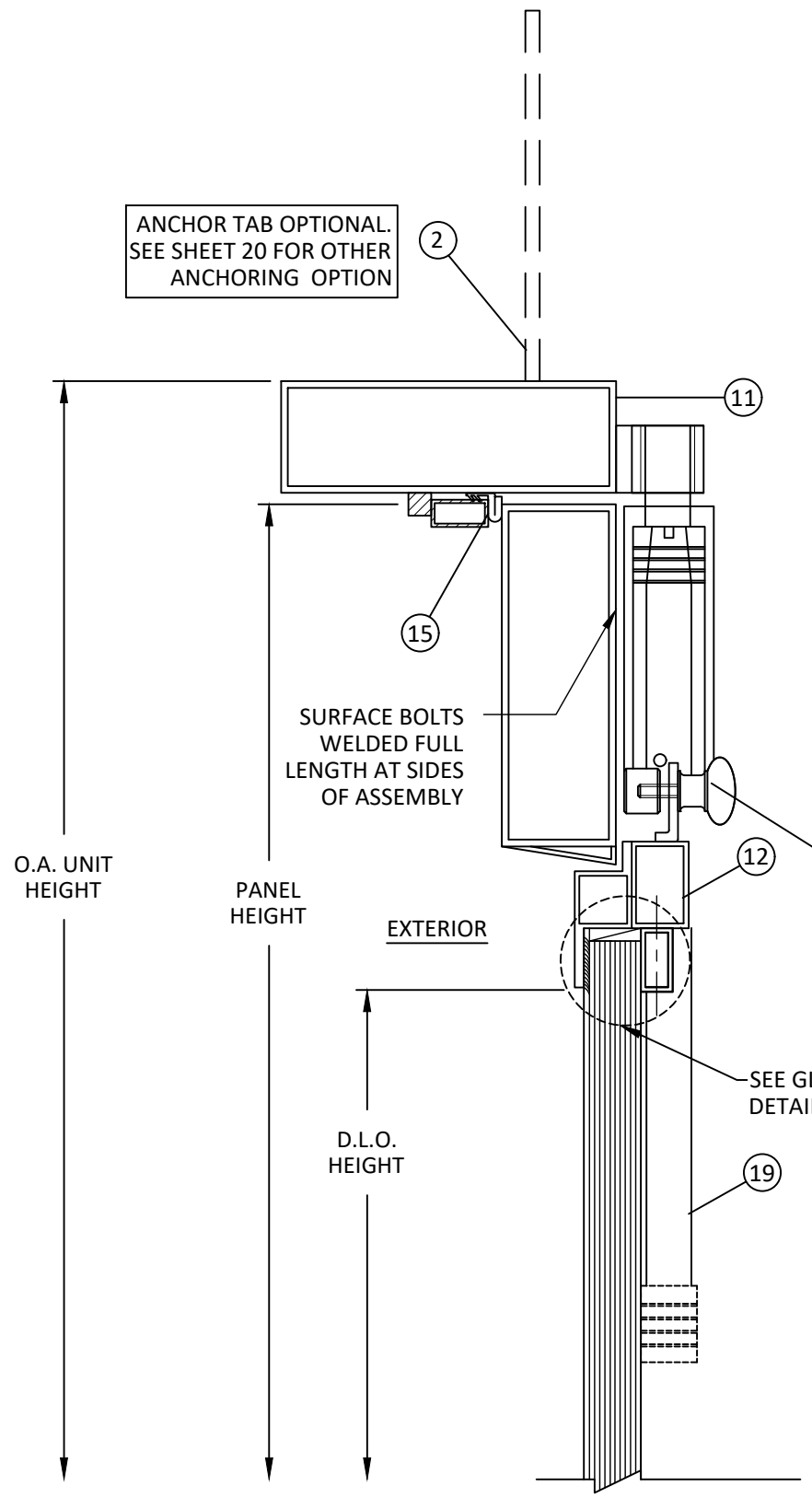
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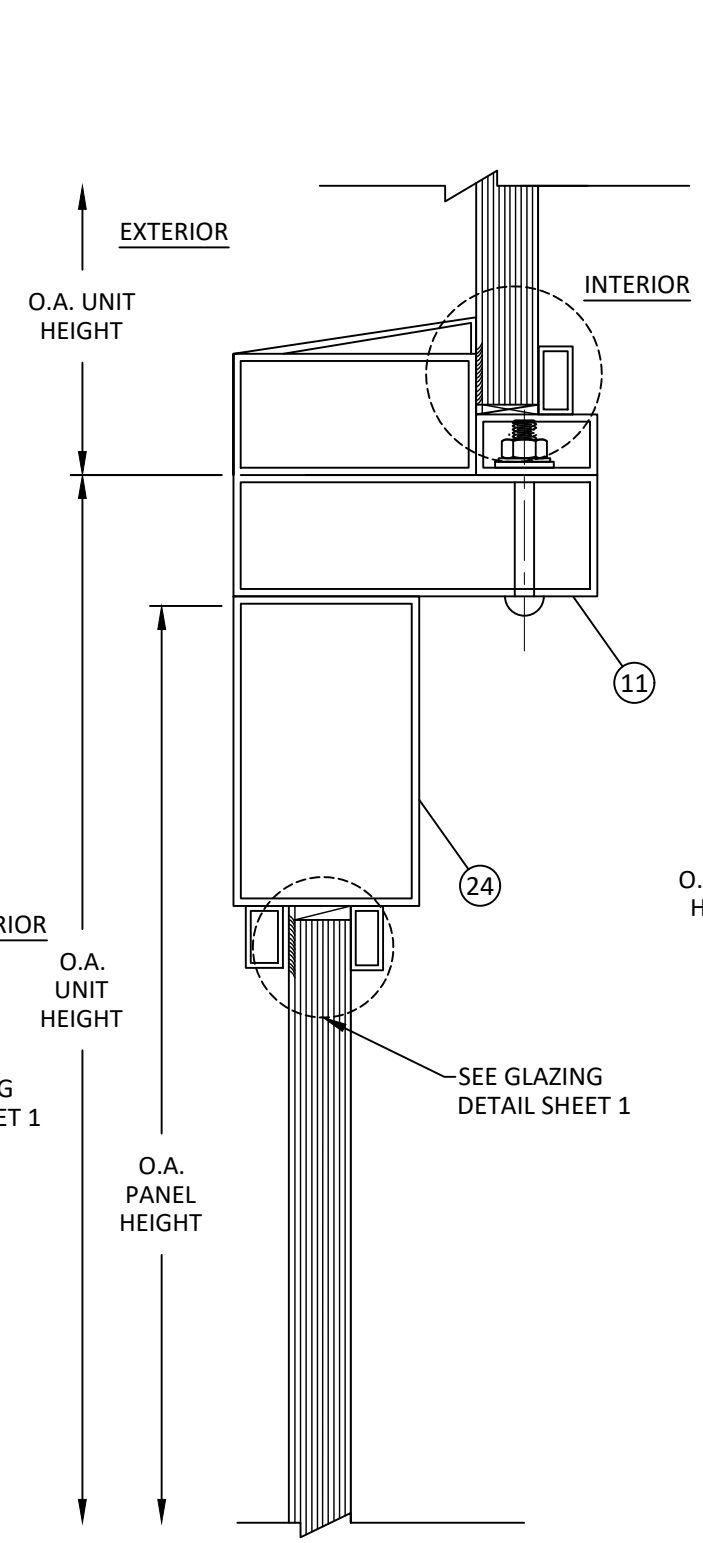
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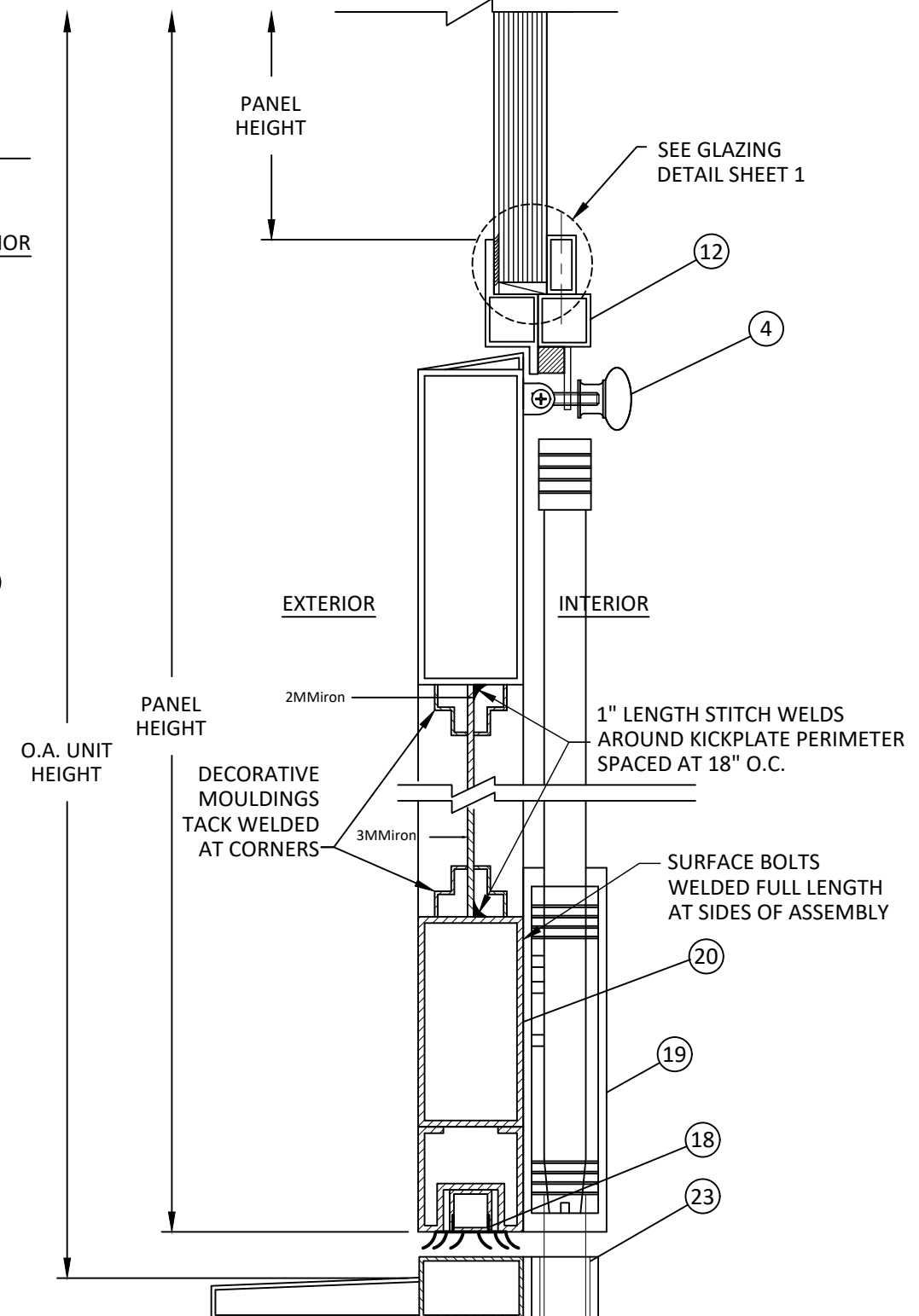
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A
14 **VERTICAL SECTION**
 HEAD DETAIL FOR IN-SWING DOOR



B
14 **VERTICAL SECTION**
 TRANSOM-SIDELITE



C
14 **VERTICAL SECTION**
 SILL DETAIL FOR IN-SWING DOOR



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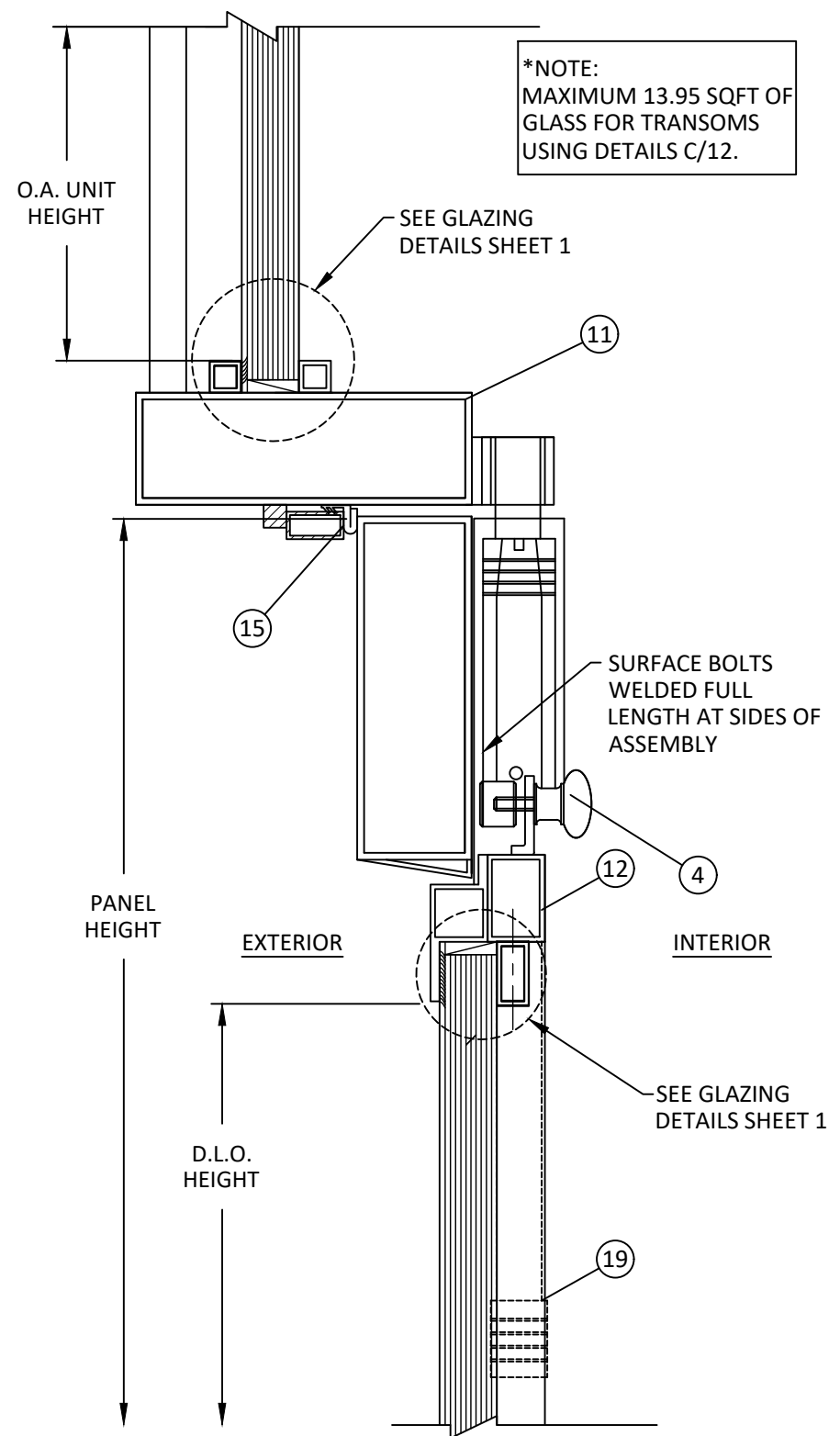
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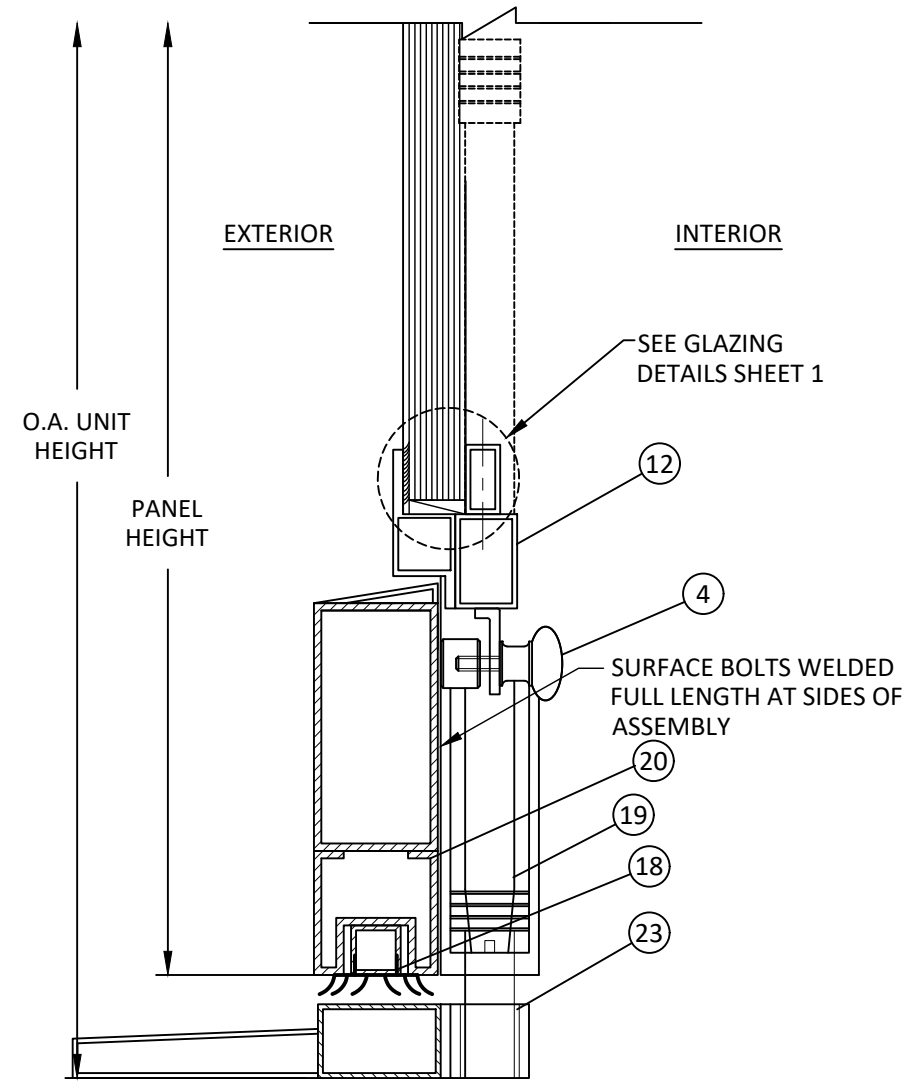
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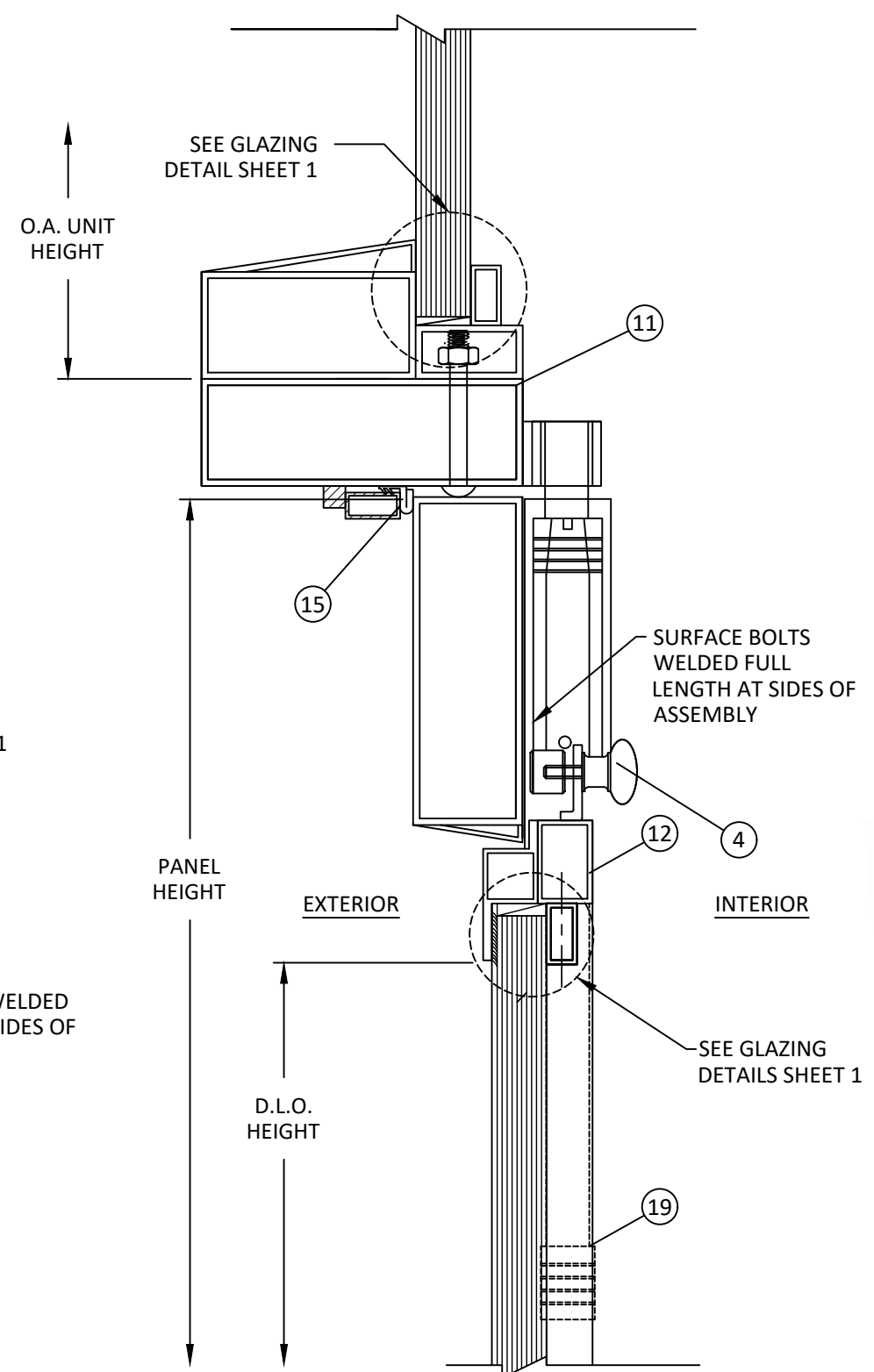
OF 23



A
15 VERTICAL SECTION
IN-SWING DOOR WITH TRANSOM



B
15 VERTICAL SECTION
IN-SWING DOOR THRESHOLD



C
15 VERTICAL SECTION
IN-SWING DOOR WITH TRANSOM

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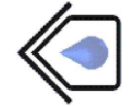
PALM CITY IRONWORKS
 3160 KUTAK RD.
 FORT MYERS, FL 33916

PH: (239) 691-8400 FX: (239)277-0061

TITLE: **WROUGHT IRON DOORS
 (INSWING/OUTSWING)
 (NON-HVHZ)/(NON-IMPACT)**

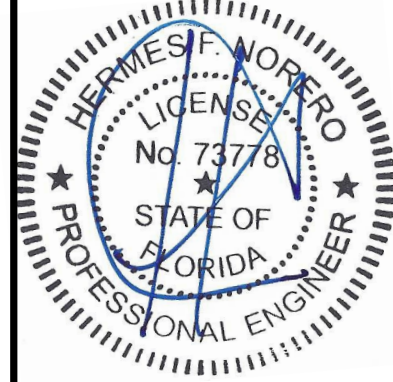
HORIZONTAL SECTIONS

PREPARED BY: **BUILDING DROPS, INC.**
 398 E. DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
 PH: (954)939-8478
 FAX: (954)744-4738
 WEB: www.buildingdrops.com



REMARKS	BY	DATE

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HERMES F. NORERO
 FLORIDA P. E. NO. 73778
 398 E. DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
 FBPE CERT. OF AUTHORIZATION NO. 29578

FL16749

DATE: **03.21.19**

DWG. BY: **YC** | CHK. BY: **HFN**

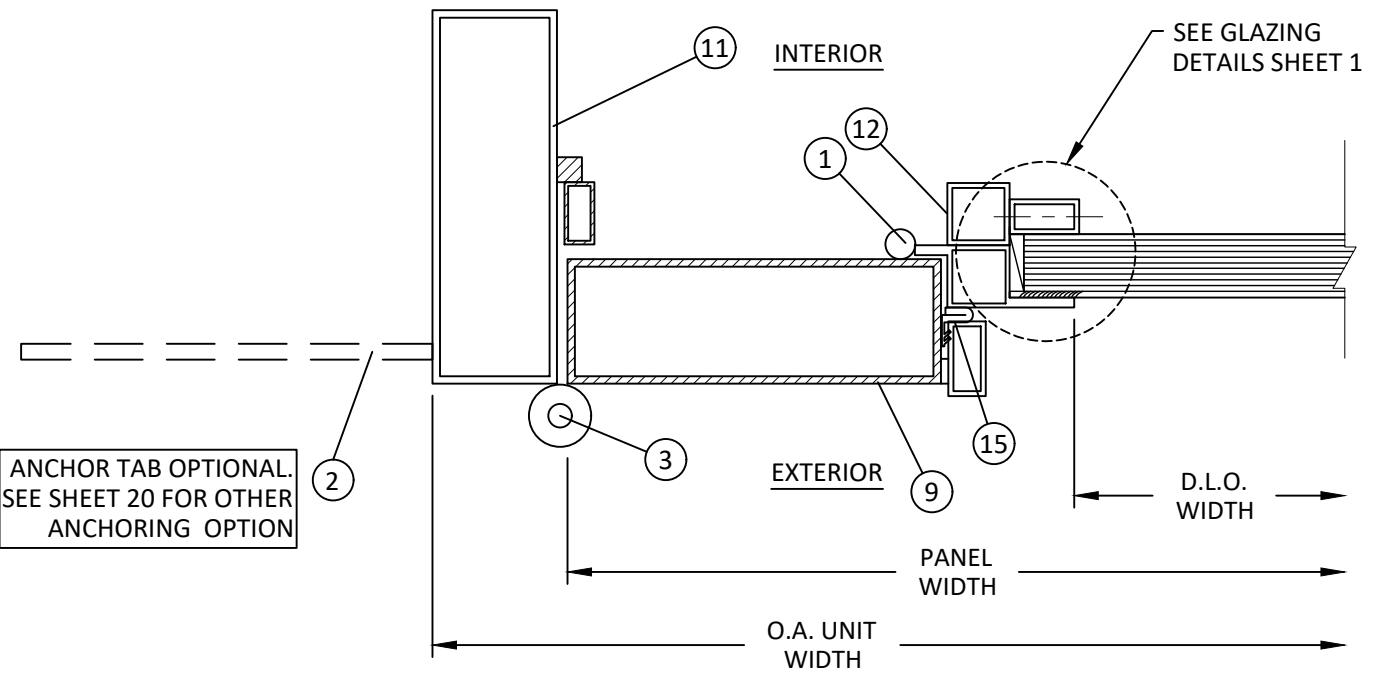
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DWG. #: **PCI015**

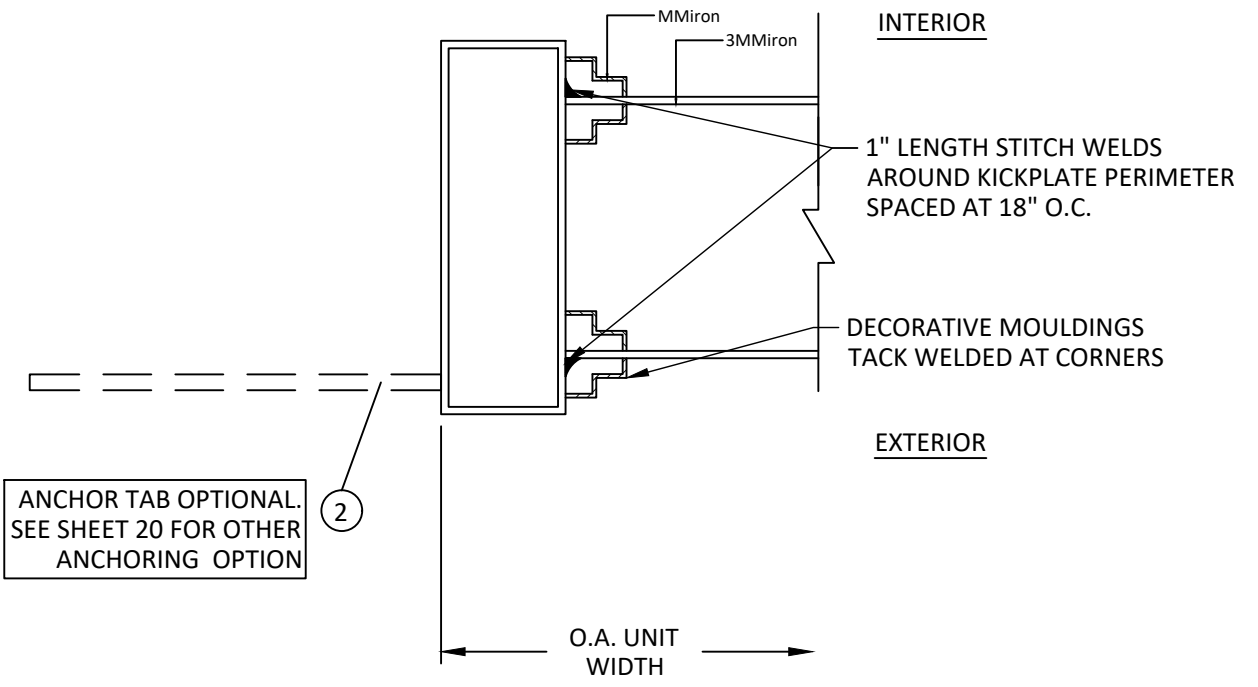
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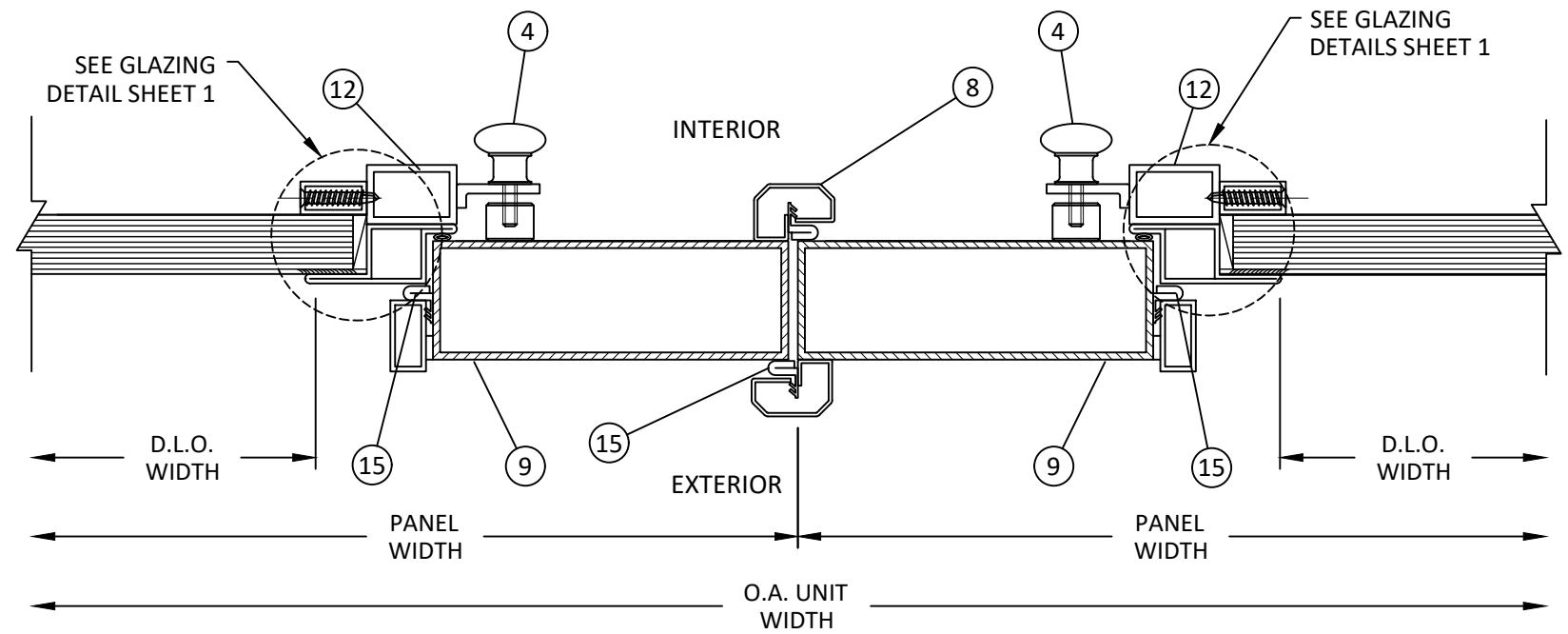
OF 23



A
16 HORIZONTAL SECTION
 JAMB DETAIL OUTSWING DOOR



B
16 HORIZONTAL SECTION
 JAMB DETAIL



C
16 HORIZONTAL SECTION
 ASTRAGAL-WELDED TAB
 TYPICAL FOR OUTSWING/INSWING CONFIGURATIONS

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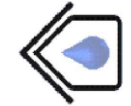
PALM CITY IRONWORKS
3160 KUTAK RD.
FORT MYERS, FL 33916

PH: (239) 691-8400 FX: (239)277-0061

TITLE: WROUGHT IRON DOORS
(INSWING/OUTSWING)
(NON-HVHZ)/(NON-IMPACT)

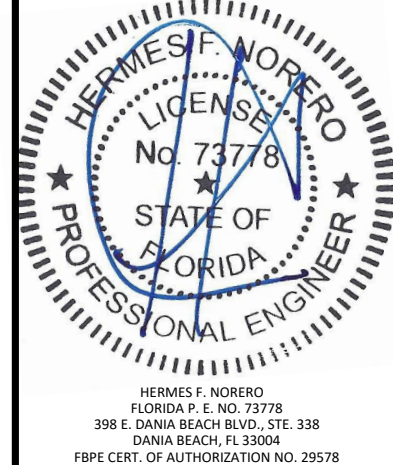
HORIZONTAL SECTIONS

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DANIA BEACH, FL 33004
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FL16749

DATE: 03.21.19

DWG. BY: YC

CHK. BY: HFN

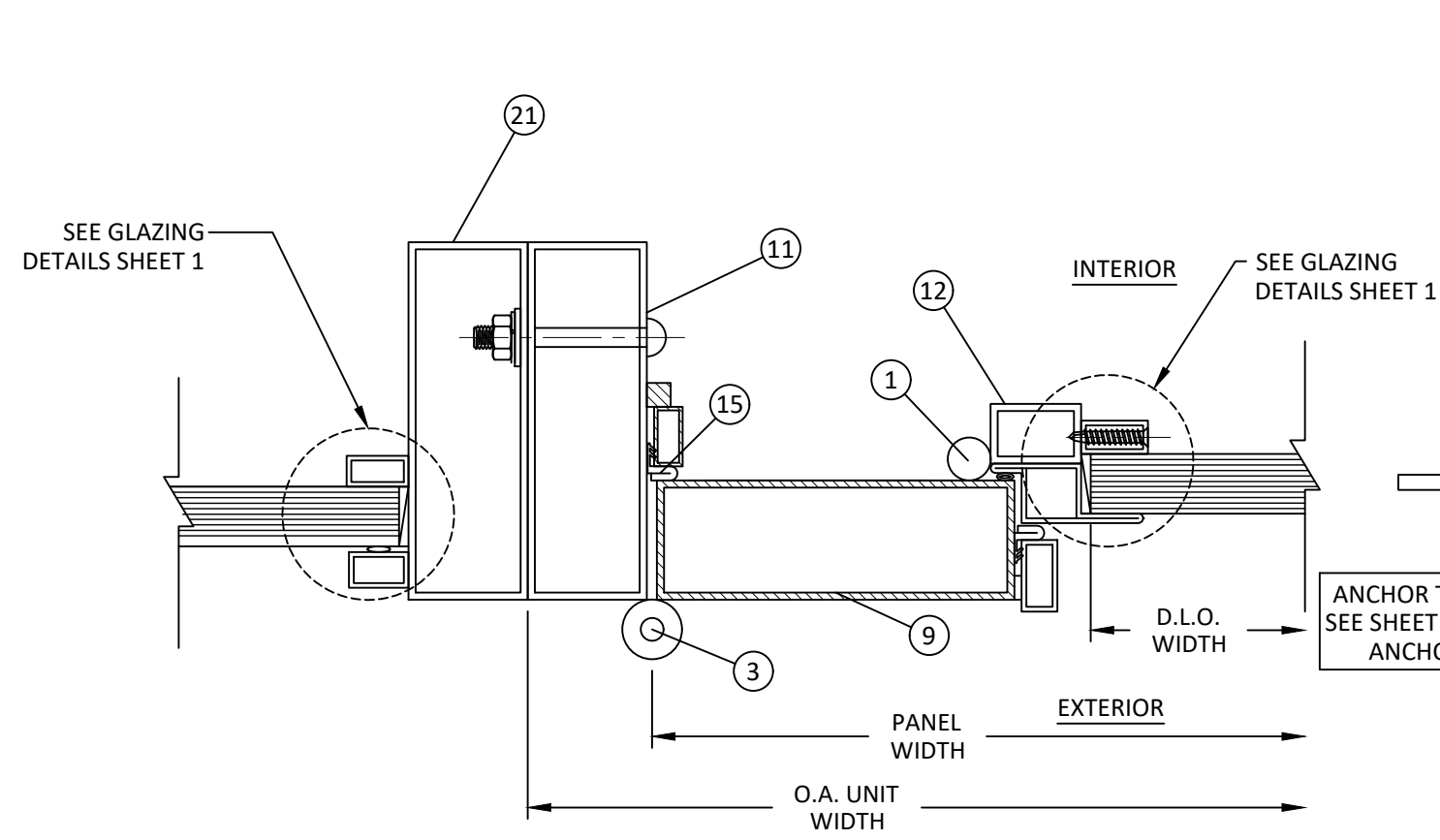
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DWG. #: PCI015

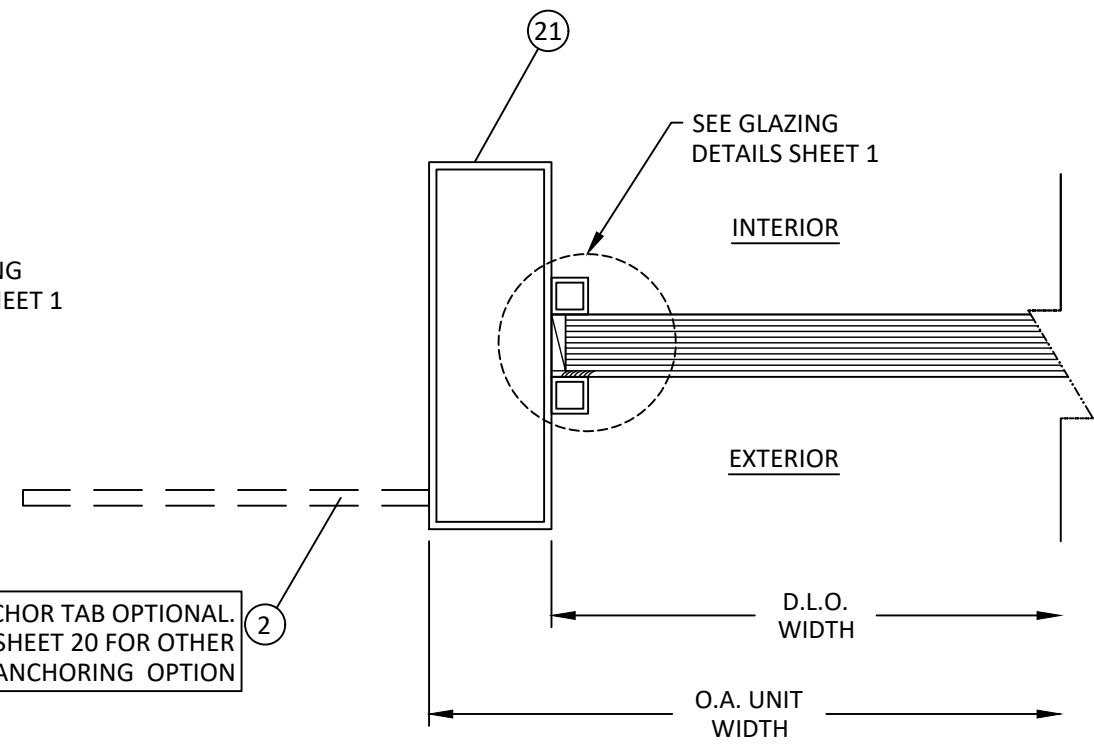
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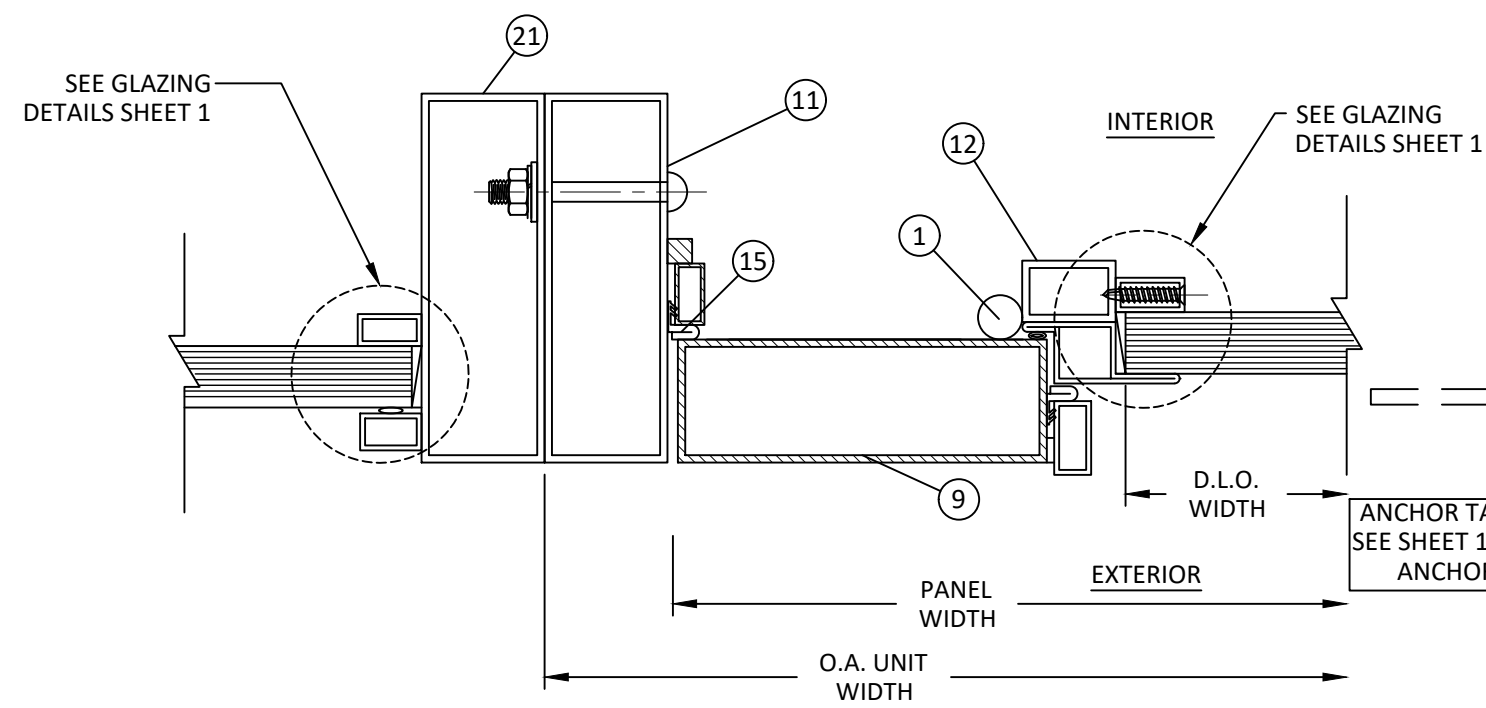
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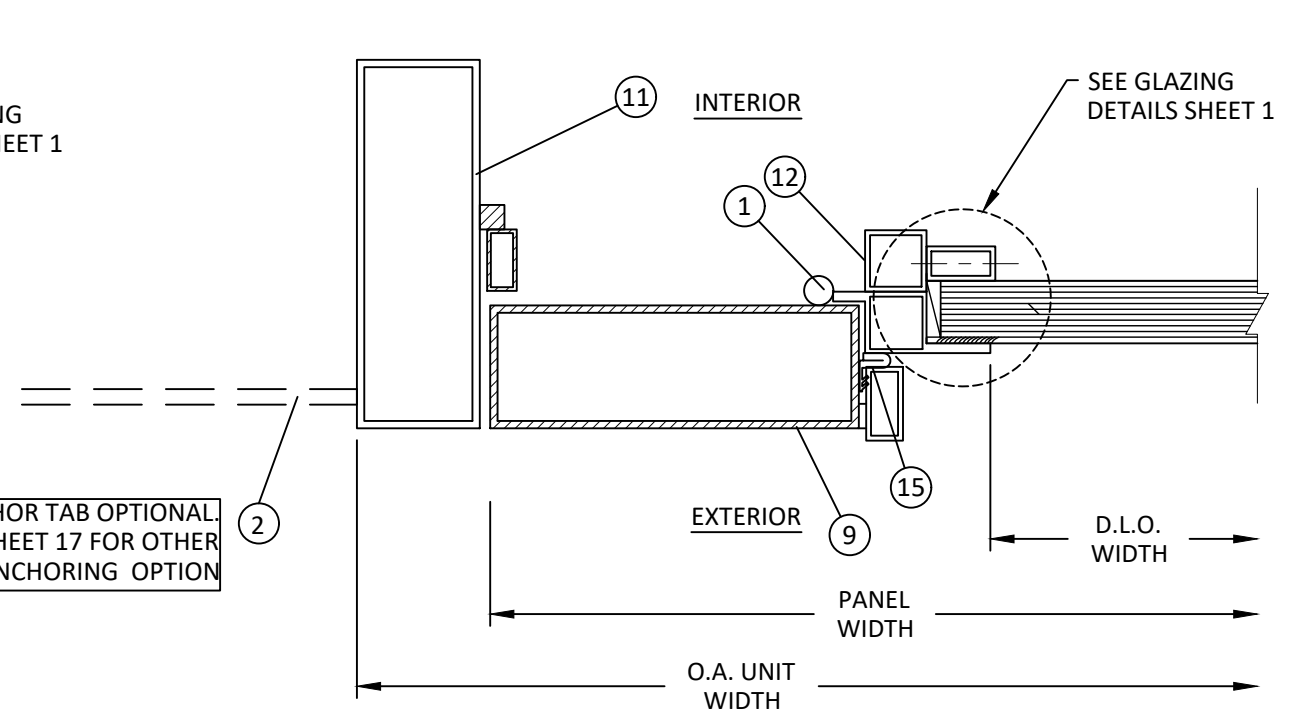
A
17 HORIZONTAL SECTION
JAMB DETAIL OUTSWING DOOR



B
17 HORIZONTAL SECTION
JAMB DETAIL(FIXED)



C
17 HORIZONTAL SECTION
LOCK TO JAMB DETAIL OUTSWING DOOR(MULLION)



D
17 HORIZONTAL SECTION
LOCK TO JAMB DETAIL OUTSWING DOOR

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PALM CITY IRONWORKS
3160 KUTAK RD.
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TITLE: WROUGHT IRON DOORS
(INSWING/OUTSWING)
(NON-HVHZ)/(NON-IMPACT)

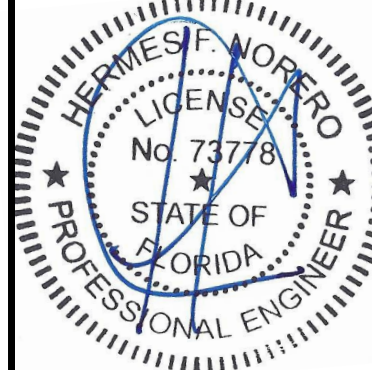
HORIZONTAL SECTIONS

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REMARKS	BY	DATE

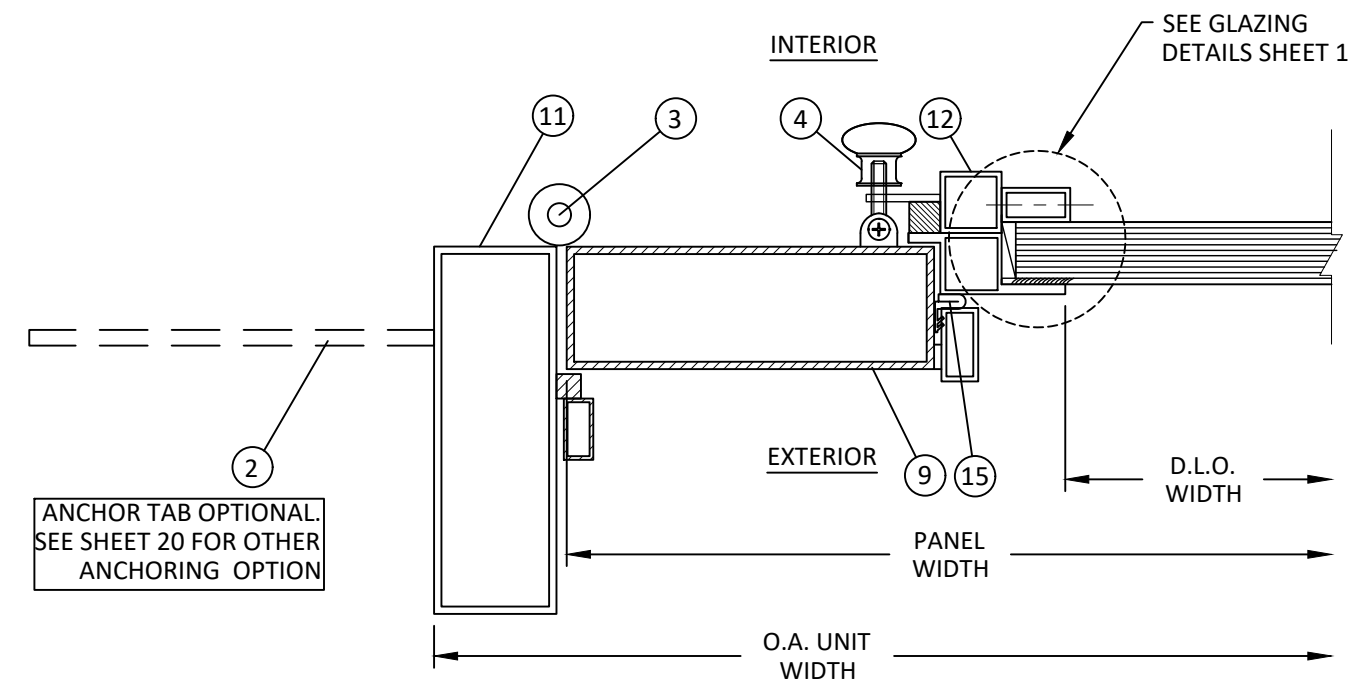
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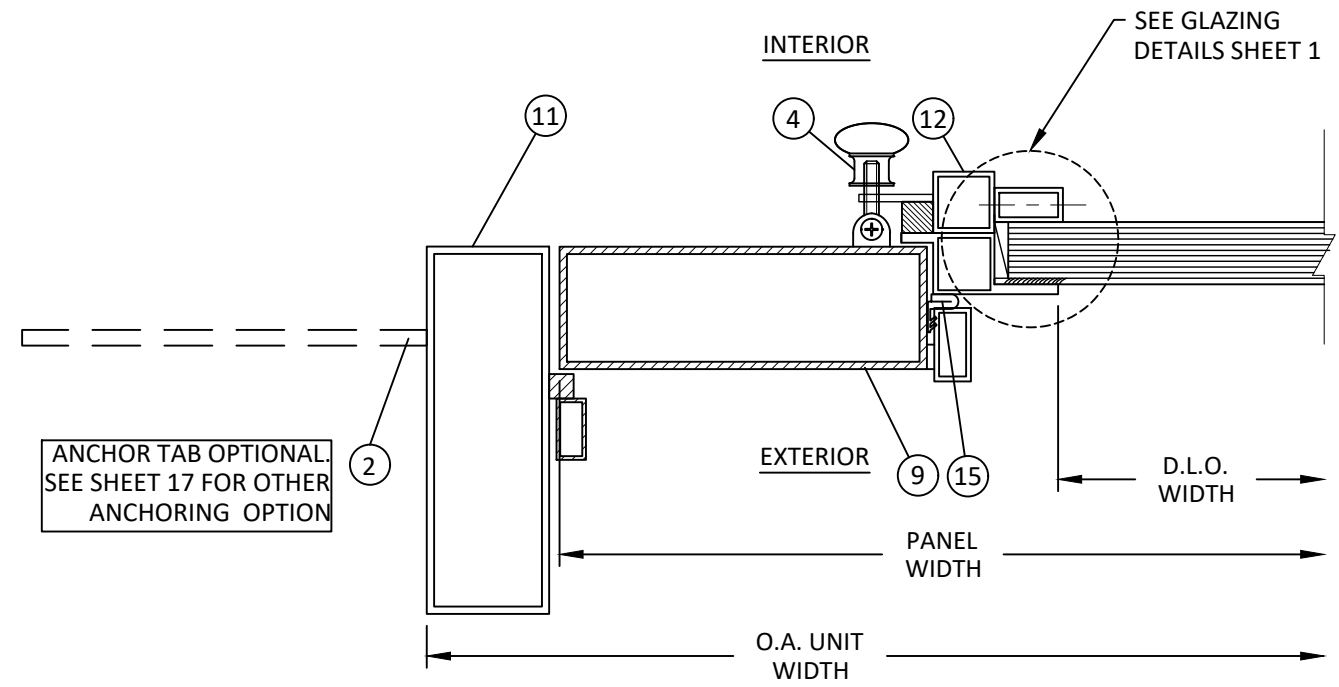
HERMES F. NORERO
FLORIDA P. E. NO. 73778
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

FL16749

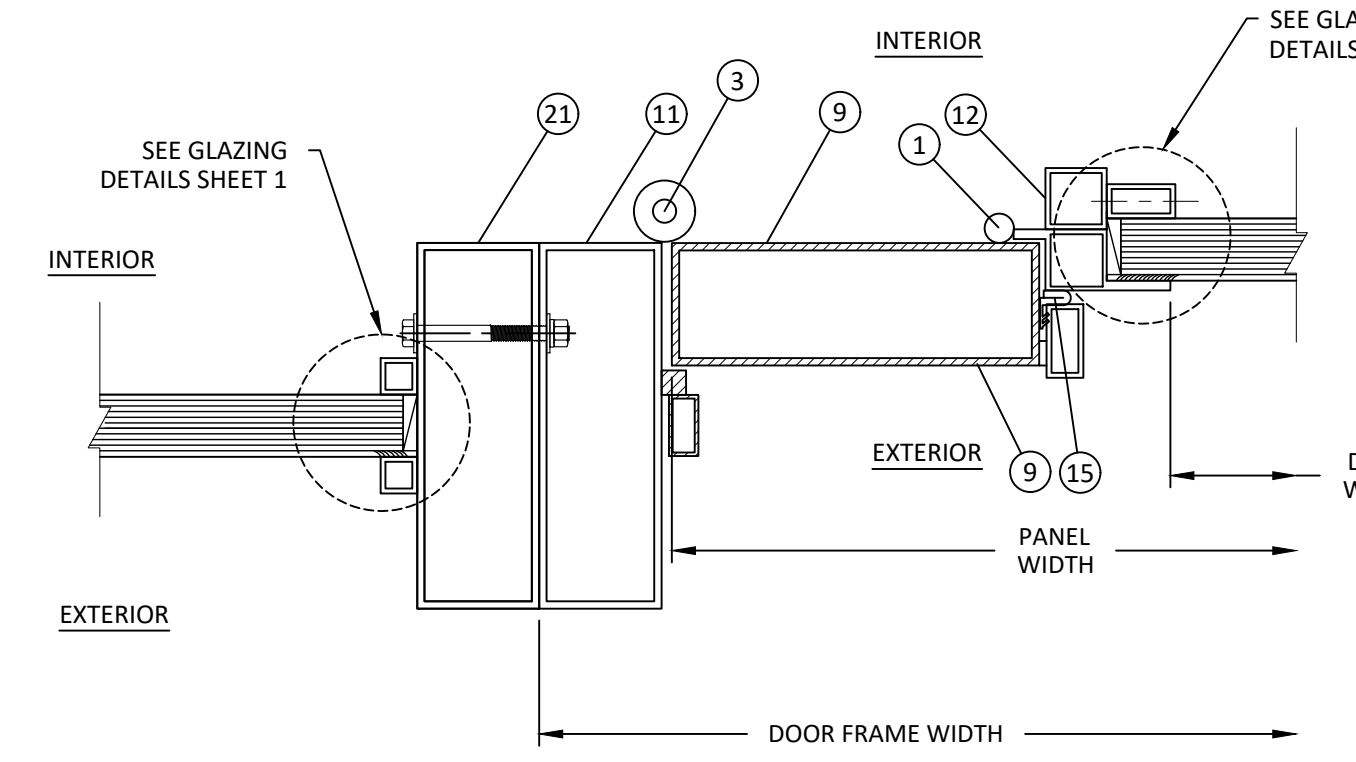
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DWG. BY:	YC
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	PCI015
SHEET:	18



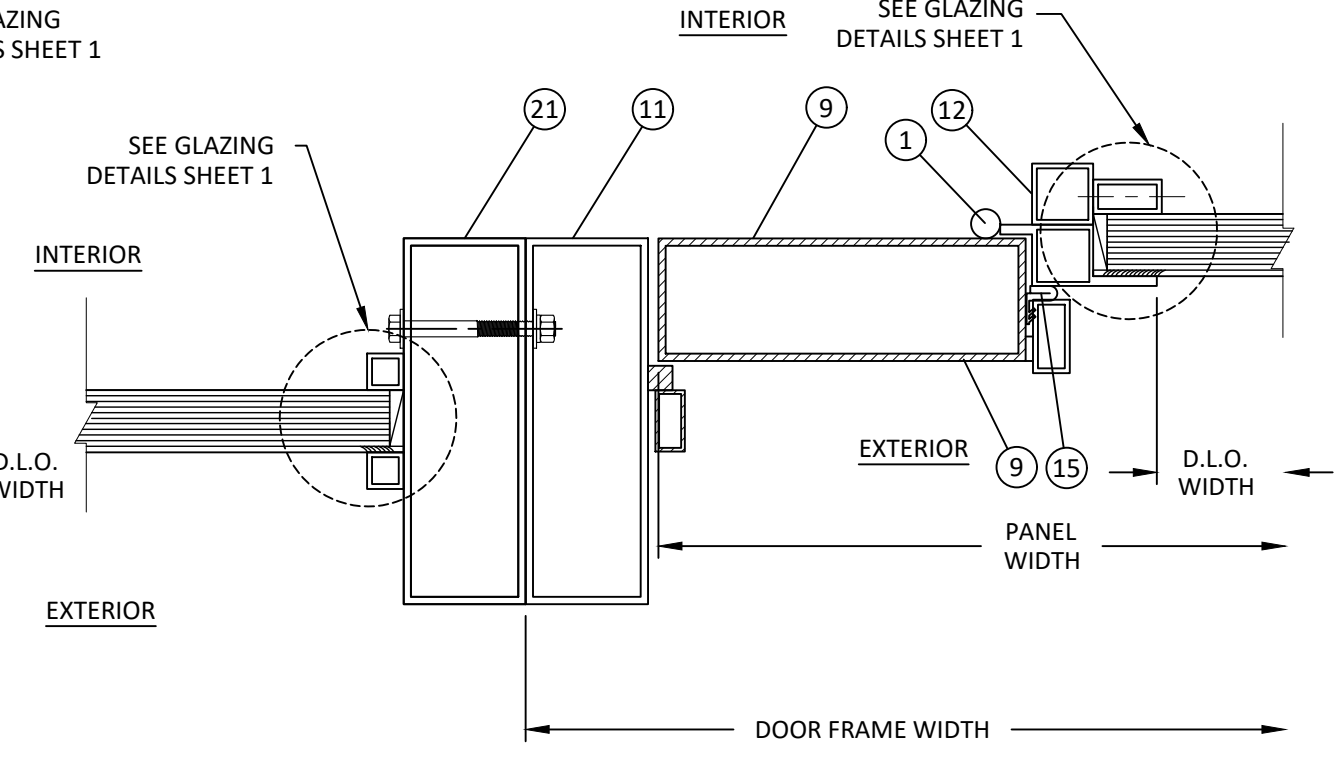
A
18 HORIZONTAL SECTION
JAMB DETAIL INSWING DOOR



B
18 HORIZONTAL SECTION
LOCK TO JAMB DETAIL INSWING DOOR



C
18 HORIZONTAL SECTION
JAMB DETAIL INSWING DOOR (MULLION)



D
18 HORIZONTAL SECTION
LOCK TO JAMB DETAIL INSWING DOOR (MULLION)

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PALM CITY IRONWORKS
3160 KUTAK RD.
FORT MYERS, FL 33916

PH: (239) 691-8400 FX: (239)277-0061

TITLE: WROUGHT IRON DOORS
(INSWING/OUTSWING)
(NON-HVHZ)/(NON-IMPACT)

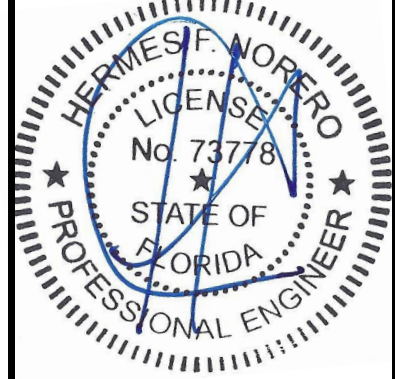
HORIZONTAL SECTIONS (MULLION)

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

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FL16749

DATE: 03.21.19

DWG. BY: YC CHK. BY: HFN

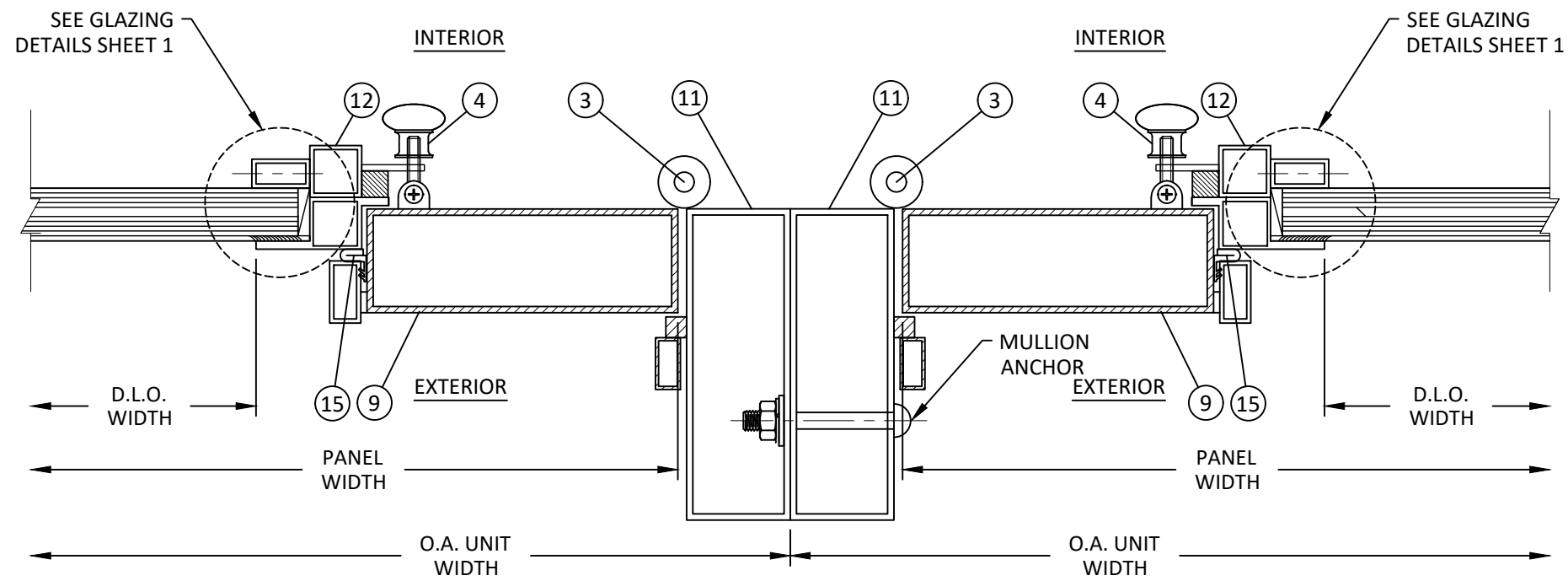
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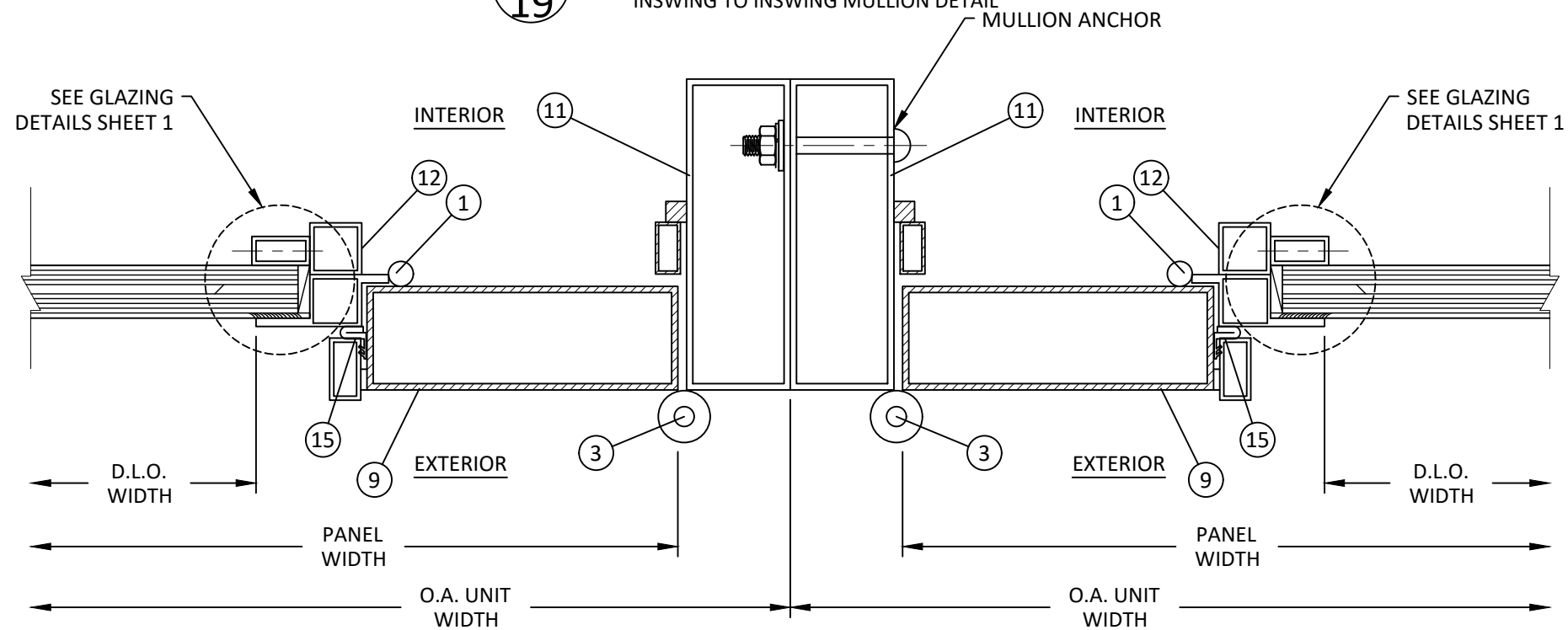
SHEET:

19

OF 23



A
19 HORIZONTAL SECTION
INSWING TO INSWING MULLION DETAIL



B
19 HORIZONTAL SECTION
OUTSWING TO OUTSWING MULLION DETAIL

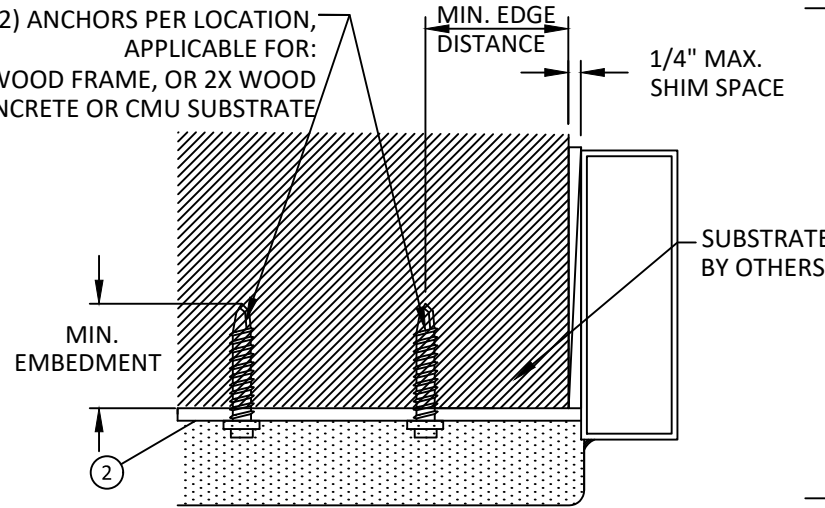
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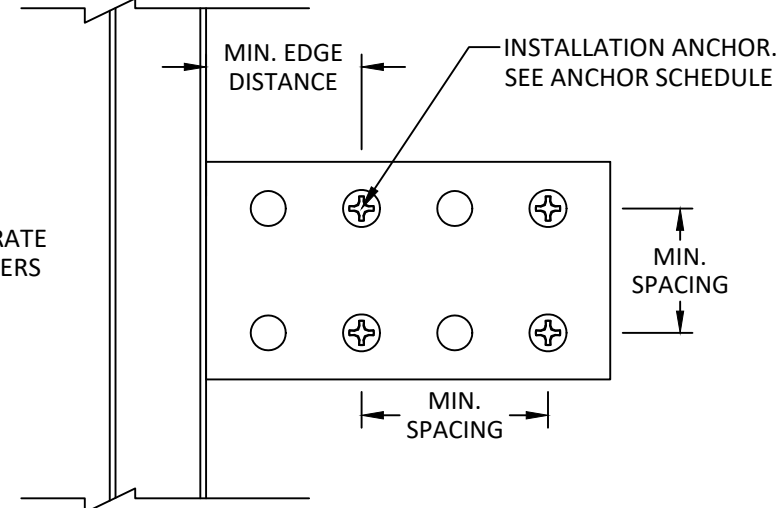
INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE NOTED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT 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.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAX. 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.
- USE 3/8" WASHERS WITH ALL INSTALLATION FASTENERS.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90.
 - STEEL - MIN. YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 49 MILS (18 GAUGE).

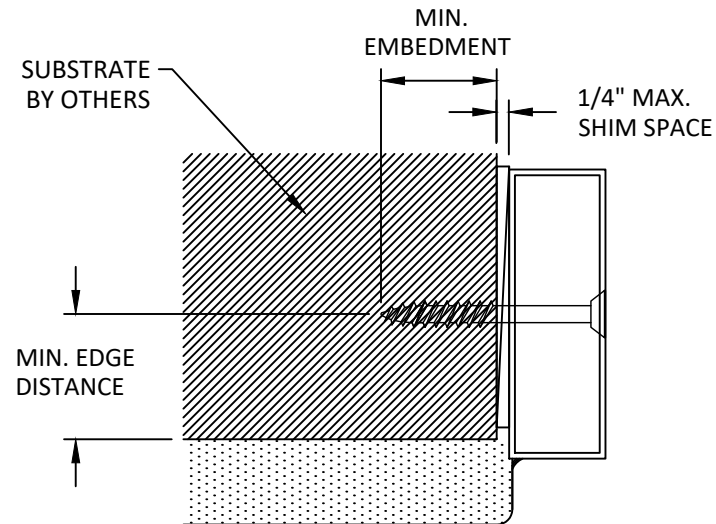
(2) ANCHORS PER LOCATION, APPLICABLE FOR:
(2) 2X WOOD FRAME, OR 2X WOOD BUCK WITH CONCRETE OR CMU SUBSTRATE



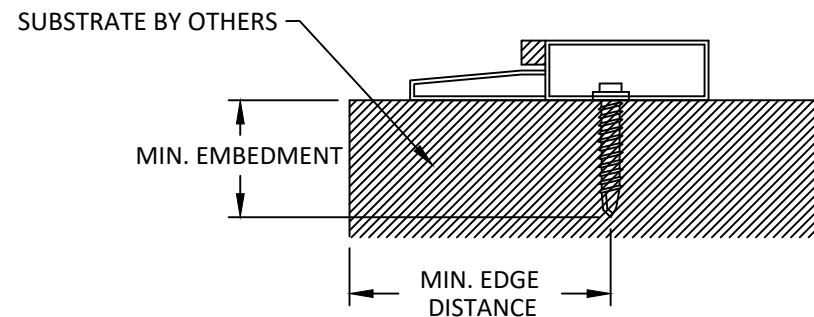
A
20 HORIZONTAL SECTION
THROUGH MOUNTING TAB INSTALLATION
SIMILAR DETAIL FOR HEAD



B
20 FRONT VIEW
THROUGH MOUNTING TAB INSTALLATION
TYPICAL LAYOUT(4 ANCHOR/STRAP)



C
20 HORIZONTAL SECTION
THROUGH FRAME INSTALLATION
SIMILAR DETAIL FOR HEAD



D
20 VERTICAL SECTION
THROUGH SILL INSTALLATION
AT SURFACE BOLT LOCATIONS

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE	MIN. SPACING
THROUGH MOUNTING TAB	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.5"	0.75"	0.75"
	CONCRETE: MIN. F'C = 3000 PSI	1/4" ITW TAPCON	1.75"	2"	2"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.75"	2"	2"
THROUGH FRAME (HEAD AND JAMB)	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.5"	2.5"	2.5"
	CONCRETE: MIN. F'C = 3000 PSI	1/4" ITW TAPCON	1.75"	3"	3"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON FLAT HEAD	1"	2"	2"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 PAN HEAD IN EXTERIOR CHANNEL	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	0.50"
THROUGH SILL	CONCRETE: MIN. F'C = 3000 PSI	1/4" ITW TAPCON	1.75"	3"	3"



PALM CITY IRONWORKS
3160 KUTAK RD.
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TITLE: WROUGHT IRON DOORS
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(NON-HVHZ)/(NON-IMPACT)

INSTALLATION
DETAILS & NOTES

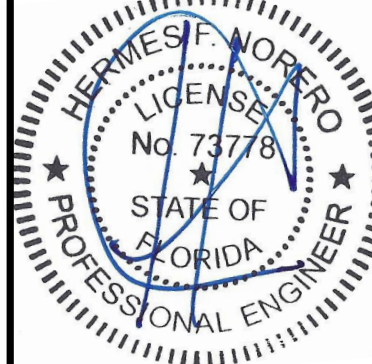
PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004

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REMARKS	BY	DATE

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398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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FL16749

DATE: 03.21.19

DWG. BY: YC CHK. BY: HFN

SCALE: NTS

DWG. #: PCI015

SHEET:

20

OF 23

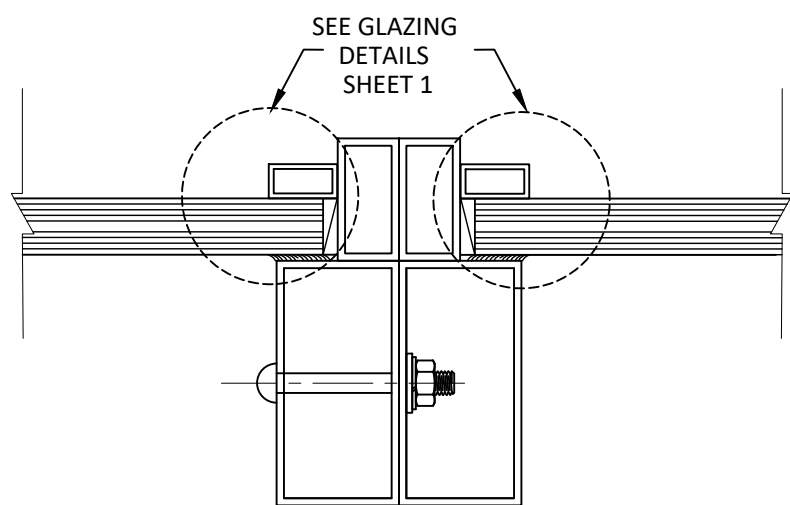
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BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL	MANUFACTURER
1	GLASS PANEL HINGE	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
2	MOUNTING TAB	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
3	DOOR PANEL HINGE	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
4	GLASS PANEL LATCH	STEEL & ZINC ALLOY	NATURAL CHOICES IRONWARE CO., LTD.
6	ROLLER CATCH	BRASS	HANGZHOU YOKING HARDWARE LIMITED
8	T-ASTRAGAL	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
9	DOOR STILE W/ WEATHER STRIP ACCEPTER	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
11	DOOR FRAME W/ WEATHER STRIP ACCEPTER	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
12	GLASS PANEL FRAME	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
14	STEEL GLAZING CAP	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
15	WEATHERSTRIP	POLYETHYLENE FOAM	HEIBI JIANAN SEALS TECHNOLOGY CO., LTD.
16	GLASS PANEL LATCH RING	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
17	OUTSWING THRESHOLD	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
18	SWEEP	RUBBER	USA WORLDWIDE DOOR COMPONENTS (PINGHU) CO., LTD
19	SURFACE BOLT	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
20	BOTTOM DOOR STILE W/ SWEEP ACCEPTER	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
21	SIDELITE/TRANSOM FRAME	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
22	TRANSOM TO SIDELITE FRAME	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
23	OUTSWING THRESHOLD	STEEL	NATURAL CHOICES IRONWARE CO., LTD.
24	SIDELITE FRAME	STEEL	NATURAL CHOICES IRONWARE CO., LTD.

NOTE:

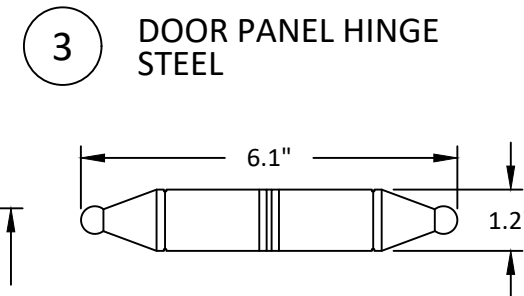
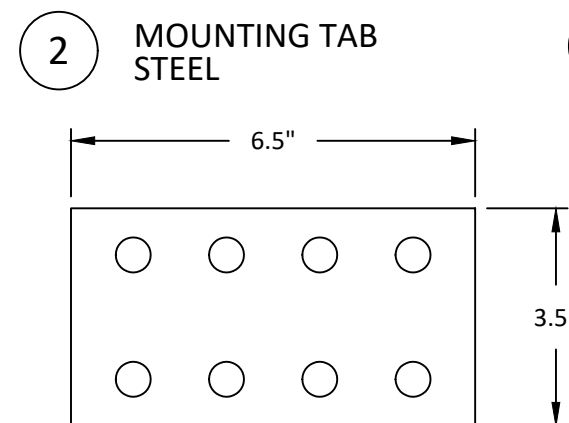
1. ALL STEEL COMPONENTS ARE Q235 GRADE STEEL (Fy min = 34.1 KSI, Fty min = 54.4 KSI)
2. ALL EXPOSED STEEL COMPONENTS ARE SHOP PRIMED.
3. ALL WELDED COMPONENTS ARE SHOP WELDED USING E70XX ELECTRODE



A
18

HORIZONTAL SECTION

MULLION AT TRANSOM



PALM CITY IRONWORKS
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FORT MYERS, FL 33916

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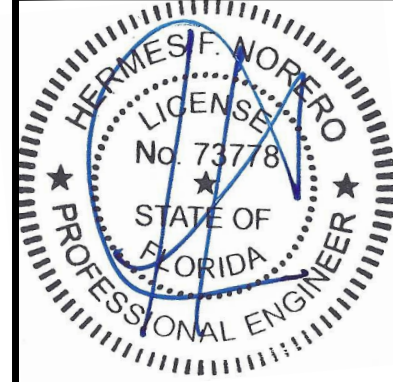
TITLE: WROUGHT IRON DOORS
(INSWING/OUTSWING)
(NON-HVHZ/NON-IMPACT)
COMPONENTS &
BILL OF MATERIALS

PREPARED BY:
BUILDING DROPS, INC.
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SCALE: **NTS**

DWG. #: **PCI015**

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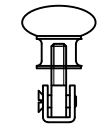
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OF 23

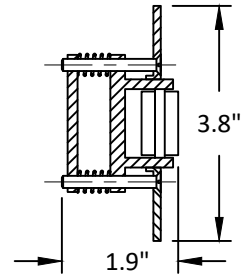
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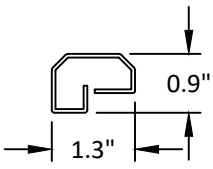
4 GLASS PANEL LATCH
STEEL & ZINC ALLOY



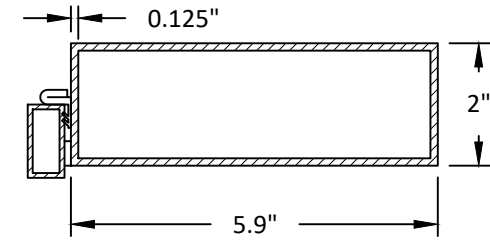
6 ROLLER CATCH
BRASS



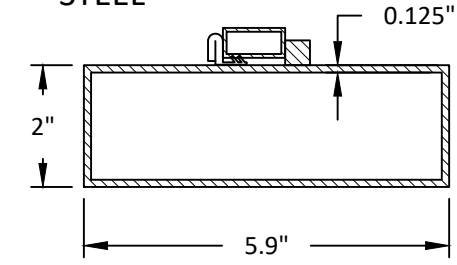
8 T-ASTRAGAL
STEEL



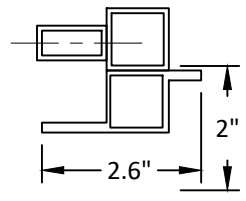
9 DOOR STILE W/ WEATHER STRIP ACCEPTER
STEEL



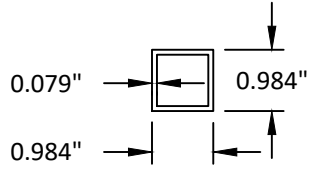
11 DOOR FRAME W/ WEATHER STRIP
ACCEPTER
STEEL



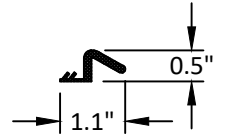
12 GLASS PANEL FRAME
STEEL



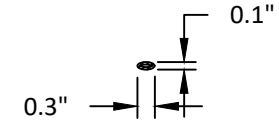
14 STEEL GLAZING CAP
STEEL



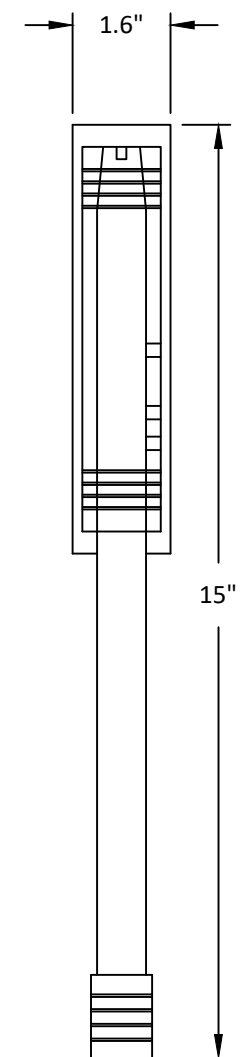
15 WEATHERSTRIP
POLYETHYLENE FOAM



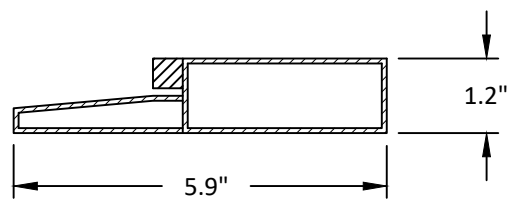
16 GLASS PANEL LATCH RING
STEEL



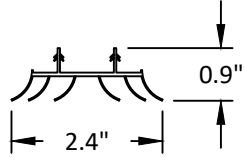
19 SURFACE BOLT
STEEL



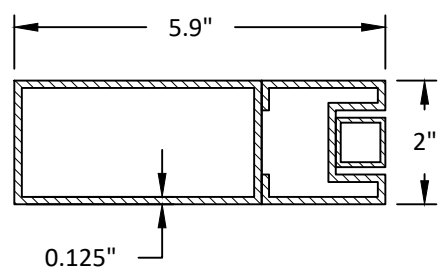
17 OUTSWING THRESHOLD
STEEL



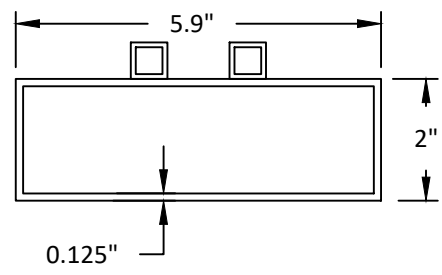
18 SWEEP
RUBBER



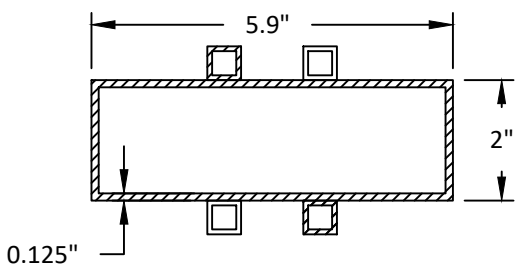
20 DOOR STILE W/ SWEEP ACCEPTER
STEEL



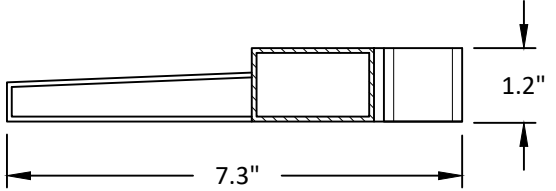
21 SIDELITE/TRANSOM FRAME
STEEL



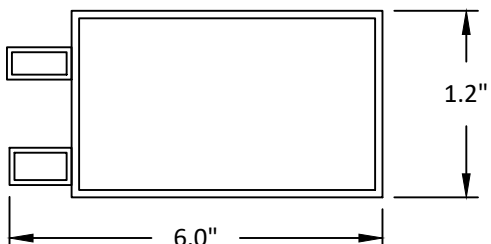
22 SIDELITE/TRANSOM FRAME
STEEL



23 INSWING THRESHOLD
STEEL



24 SIDELITE FRAME
STEEL



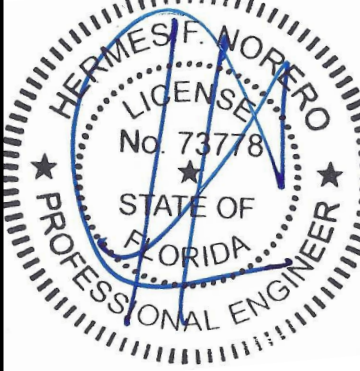

**Palm City
IRONWORKS**
 PALM CITY IRONWORKS
 3160 KUTAK RD.
 FORT MYERS, FL 33916
 PH: (239) 691-8400 FX: (239) 277-0061

TITLE: **WROUGHT IRON DOORS
(INSWING/OUTSWING)
(NON-HVHZ)/(NON-IMPACT)
COMPONENTS
(CONTINUED)**

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

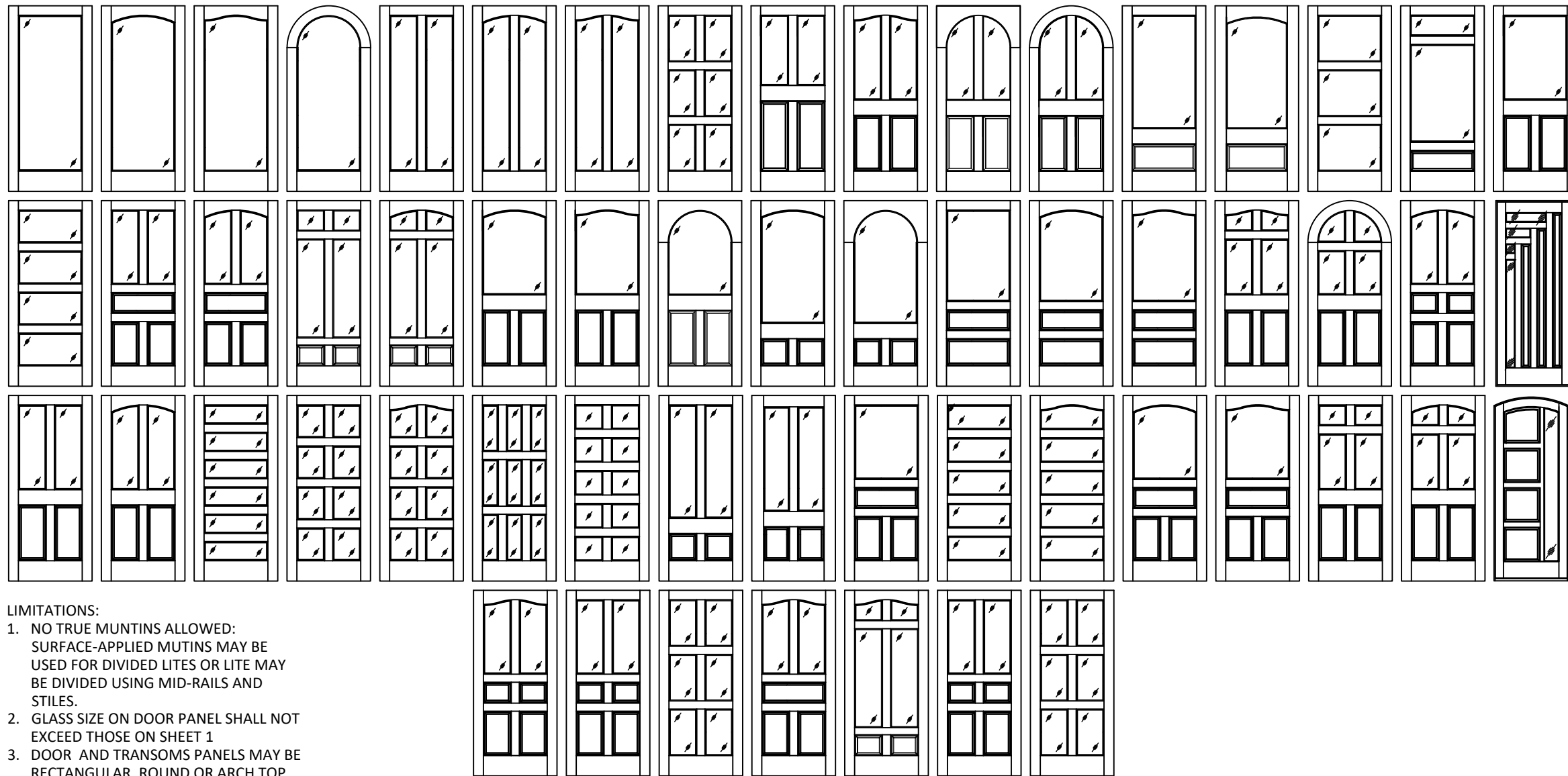
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT


 HERMES F. NORERO
 FLORIDA P. E. NO. 73778
 398 E. DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
 FBPE CERT. OF AUTHORIZATION NO. 29578

FL16749

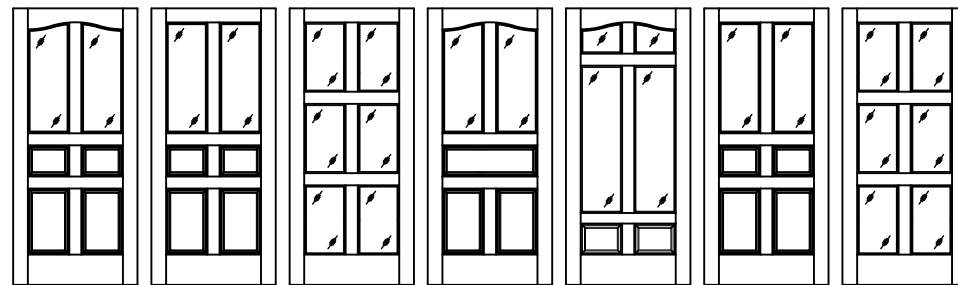
DATE: **03.21.19**
 DWG. BY: **YC** CHK. BY: **HFN**
 SCALE: **NTS**
 DWG. #: **PCI015**
 SHEET: 22 OF 23

QUALIFIED DOOR SHAPES

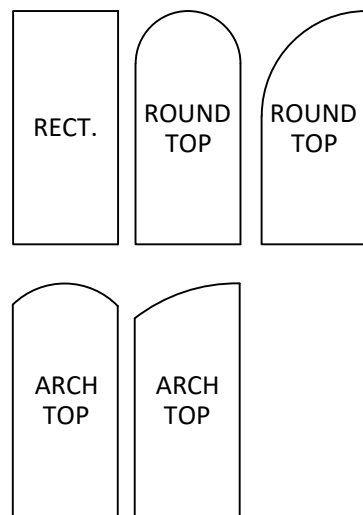
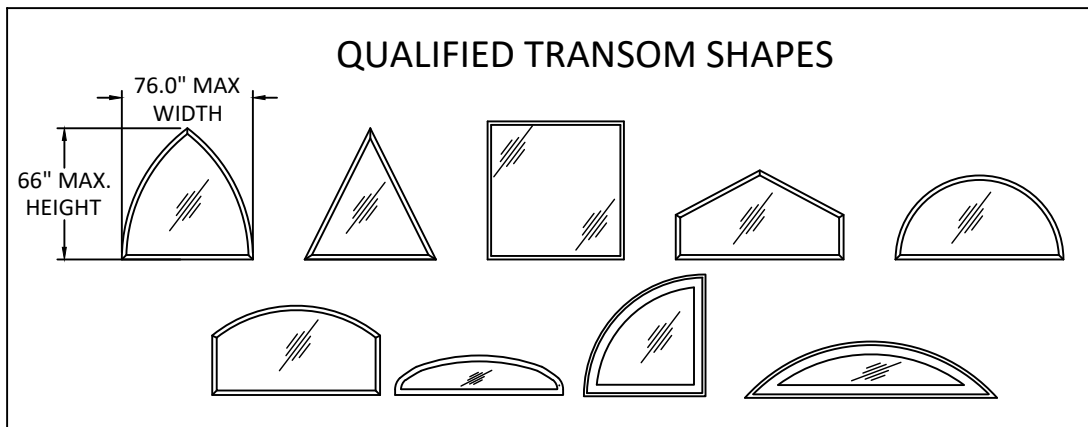


LIMITATIONS:

1. NO TRUE MUNTINS ALLOWED: SURFACE-APPLIED MUTINS MAY BE USED FOR DIVIDED LITES OR LITE MAY BE DIVIDED USING MID-RAILS AND STILES.
2. GLASS SIZE ON DOOR PANEL SHALL NOT EXCEED THOSE ON SHEET 1
3. DOOR AND TRANSOMS PANELS MAY BE RECTANGULAR, ROUND OR ARCH TOP.



QUALIFIED TRANSOM SHAPES



PALM CITY IRONWORKS
 3160 KUTAK RD.
 FORT MYERS, FL 33916

PH: (239) 691-8400 FX: (239)277-0061

TITLE: **WROUGHT IRON DOORS**
 (INSWING/OUTSWING)
 (NON-HVHZ)/(NON-IMPACT)

QUALIFIED CONFIGURATIONS

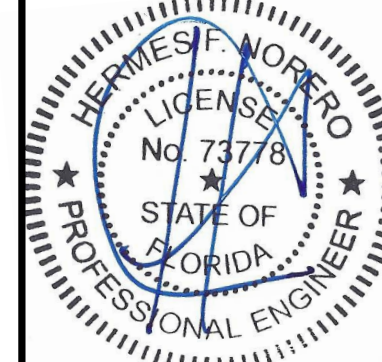
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REMARKS	BY	DATE

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SHEET:

23