

ANDERSEN CORPORATION

A-SERIES HINGED PATIO DOOR-INSWING WITH PG UPGRADE (HVHZ)(NON-IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- 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 ±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). 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.
- 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.
 - GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 1924 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 1924 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM WALL THICKNESS OF 33 MILS (0.033" or 20 GAUGE). MIN. 1/2" EDGE DISTANCE.
 - ALUMINUM - MINIMUM 1/8" THICKNESS. (6063-T5)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - 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: *PONDEROSA PINE OR EQUIVALENT*
WITH FIBERGLASS CLADDING.
(MIN SG = 0.40)
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
- CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.
- IN ACCORDANCE WITH THE CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS PER CH 23.
- IN ACCORDANCE WITH THE FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS PER CH 20.

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WATER RATING	MISSILE IMPACT RATING
W/ WATER INFILTRATION	NON-IMPACT



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
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(HVHZ)(NON-IMPACT)

GENERAL NOTES & INSTALLATION NOTES

PREPARED BY:

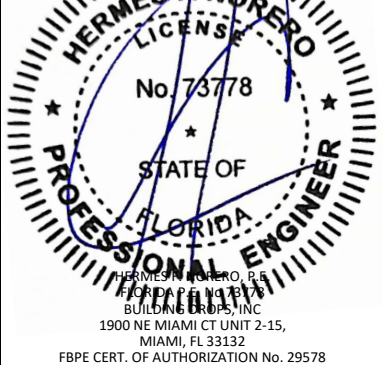
BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15,
MIAMI, FL 33132
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FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.2.23
8TH FBC CODE CHANGE	SH	5.12.23
INSTALLATION UPD.	FB	12.9.23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.12.18 14:32:08 -0500



FL #:

FL14320

DATE: 07.23.19

DWG. BY: CL	CHK. BY: HFN
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SCALE: NTS

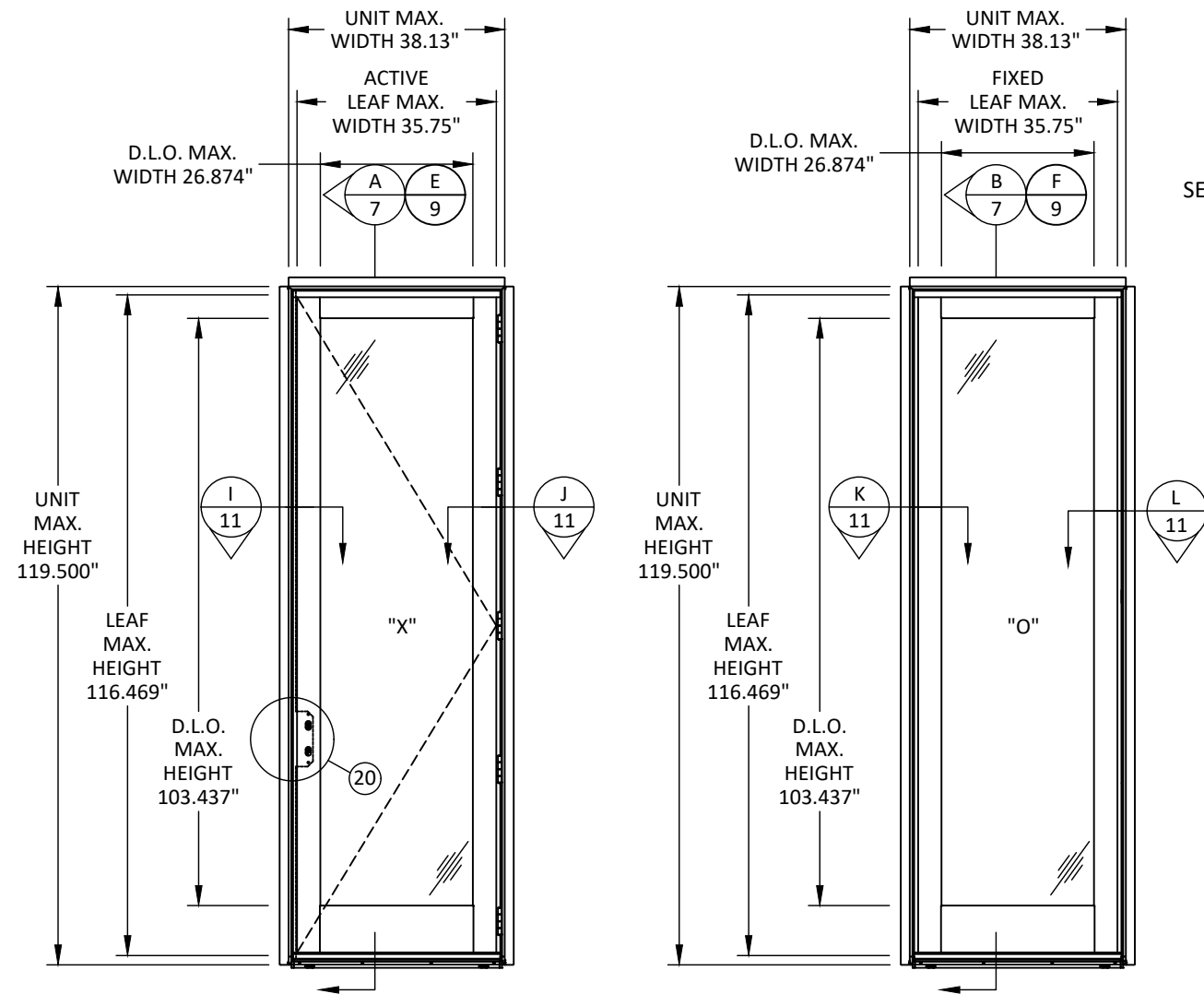
DWG. #: AWD130

SHEET:

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OF 15

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ELEVATION
TRADITIONAL

ELEVATION
TRADITIONAL

ANCHOR LAYOUT
OPERABLE

ANCHOR LAYOUT
STATIONARY

SEE TABLE
BELOW

SEE TABLE
BELOW

(1) ADD'L END
RECEIVER FOR
DOORS OVER
8' IN HEIGHT

SEE TABLE
BELOW

SEE TABLE
BELOW

SEE TABLE
BELOW

SEE TABLE
BELOW

ACTIVE DOOR LEGEND (X)

- × = TWO (2) ANCHORS THRU PREDRILLED HOLES
- ◇ = ANCHORS THRU END RECEIVER
 - WOOD OR METAL: THREE (3)
 - CONCRETE/MASONRY: TWO (2)
- + = ANCHORS THRU CENTER RECEIVER
 - WOOD OR STEEL: FOUR (4)
 - CONCRETE/MASONRY: TWO (2)

STATIONARY DOOR LEGEND (O)

● = FOR CONCRETE/MASONRY INSTALLATIONS, ONLY 1/4" ITW TAPCONS MAY BE USED IN ACCORDANCE WITH EDGE DISTANCE REQUIREMENTS IN TABLE BELOW. FOR WOOD OR METAL INSTALTATIONS, REFER TO ANCHOR DETAILS AND ANCHOR SCHEDULE ON SHEET 13.

*MIN. EDGE DISTANCES

ANCHOR	CONCRETE	CMU
1/4" TAPCON	2 1/8"	3 1/2"

*MIN. EDGE DISTANCES FOR INSTALLATION OF STATIONARY DOORS ONLY

**AS LONG AS THE ANCHOR TYPES, EMBEDMENT, AND EDGE DISTANCE REQUIREMENTS ON SHEET 13 ARE MET AND THE ANCHOR QUANTITY IS EQUAL TO OR GREATER THAN THE NUMBER SPECIFIED ON THE ANCHOR TABLES, THROUGH FRAME INSTALLATION AND/OR INSTALLATION THROUGH THE HINGE PLATES INTO THE SUBSTRATE IS ACCEPTABLE.

ANCHOR SCHEDULE								
SIZE (IN.)	CONFIGURATION	HEAD		JAMBS				
		MAX. FROM CORNER (IN.)	ANCHOR QUANTITY	MAX. DISTANCE FROM SILL (IN.)	MAX. ON CENTER DISTANCE (IN.)	MIN. ANCHOR QUANTITY AT HINGE	MIN. ANCHOR QUANTITY AT LOCK	MIN. ANCHOR QUANTITY AT STATIONARY JAMBS
38.125 X 119.5	X OR O	9.625	2	10.7	20.0	16	19	6
38.125 X 95.50	X OR O	9.625	2	10.7	20.0	13	15	5
38.125 X 82.38	X OR O	9.625	2	10.7	20.0	10	14	4
38.125 X 79.50	X OR O	9.625	2	10.7	20.0	10	14	4

NOTE:

- 1) FOR SILL ANCHORAGE SEE LEGEND ABOVE. ALTERNATIVELY, THE CONTINUOUS REMODEL CLIP (ITEM #30) MAY BE UTILIZED WITH FASTENERS FROM CLIP TO SUBSTRATE 3" FROM CORNERS & 6 7/8" MAX. O.C. REFER TO SHEET 13 FOR REQUIREMENTS OF INSTALLATION.
- 2) ANCHOR SCHEDULE REFLECTS MINIMUM NUMBER OF ANCHORS REQUIRED, TOTAL QUANTITY MAY VARY DEPENDING ON LEGEND REQUIREMENTS.
- 3) HINGE REQUIREMENTS - DOORS GREATER THAN 8' IN HEIGHT SHALL UTILIZE 5 HINGES, DOORS GREATER THAN 6'-10 3/8" IN HEIGHT SHALL UTILIZE 4 HINGES, AND DOORS EQUAL TO OR LESS THAN 6'-10 3/8" SHALL UTILIZE 3 HINGES.



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ELEVATIONS & ANCHOR LAYOUTS

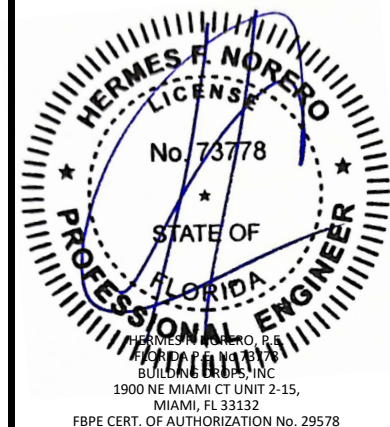
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FL #:

FL14320

DATE: 07.23.19

DWG. BY: CL
CHK. BY: HFN

SCALE: NTS

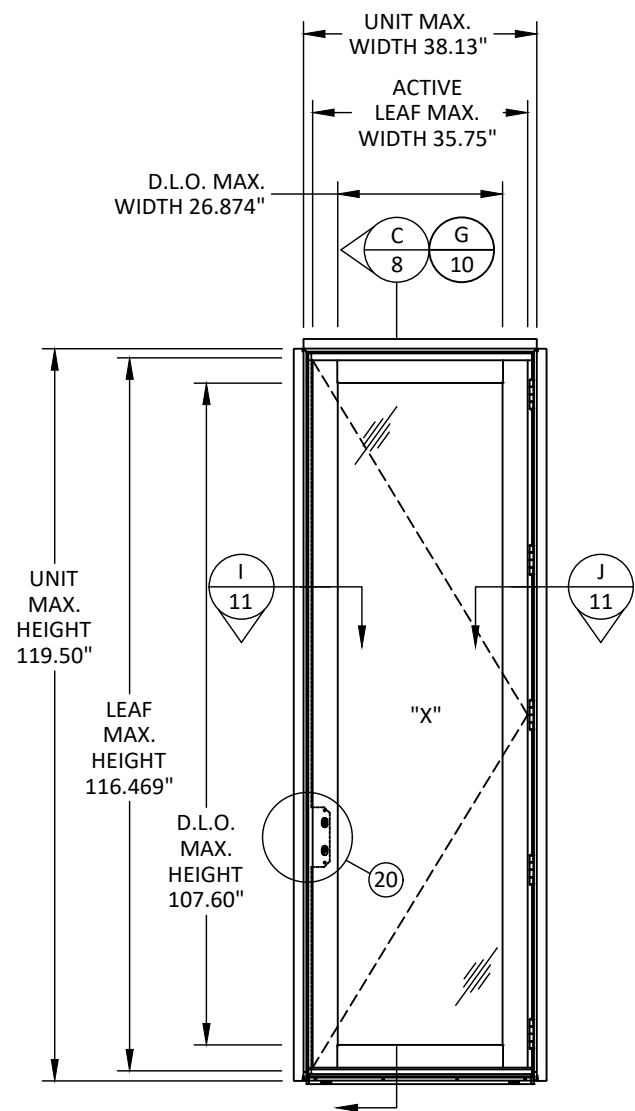
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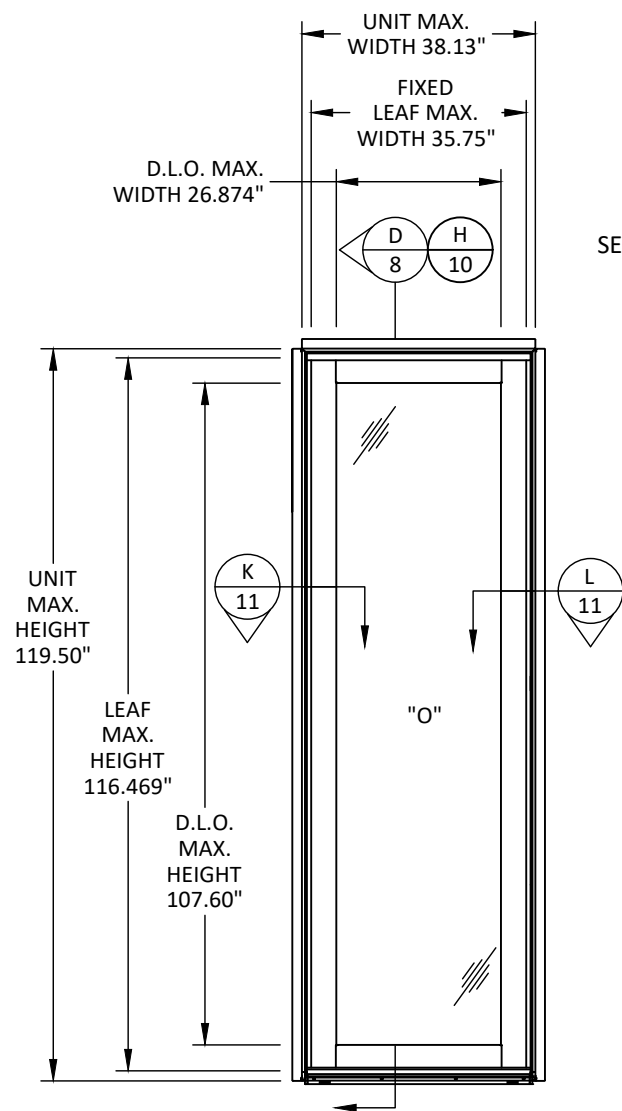
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OF 15

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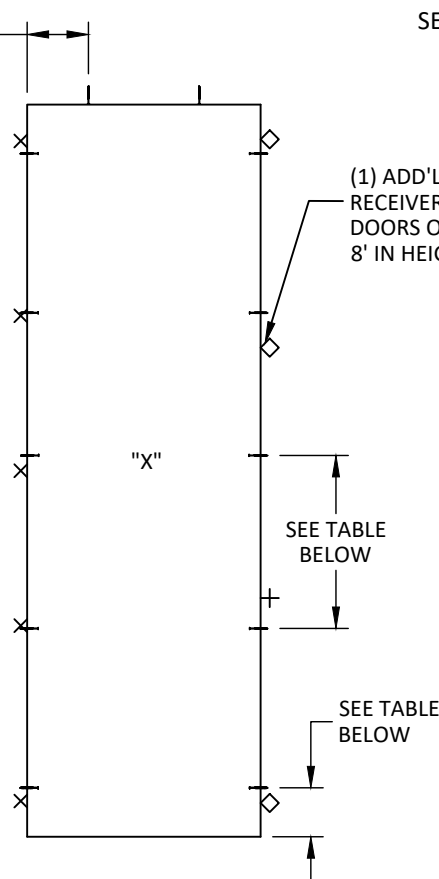


**ELEVATION
CONTEMPORARY**



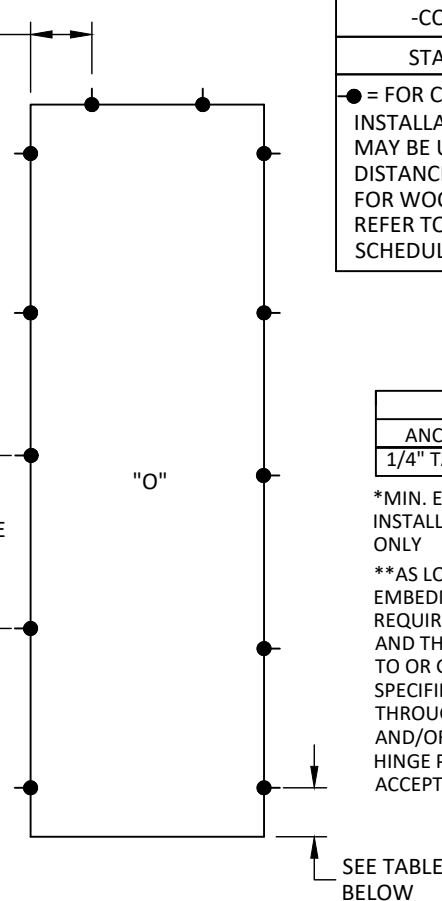
**ELEVATION
CONTEMPORARY**

SEE TABLE
BELOW



**ANCHOR LAYOUT
OPERABLE**

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**ANCHOR LAYOUT
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SEE TABLE
BELOW

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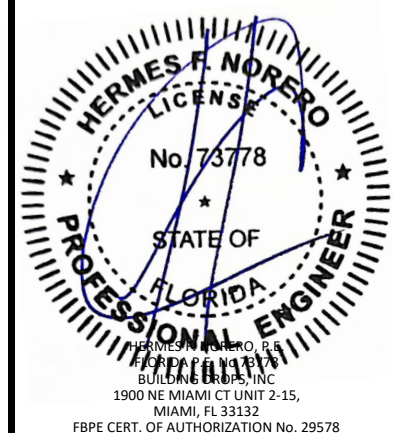
ELEVATIONS & ANCHOR LAYOUTS

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FL #: FL14320

DATE: 07.23.19

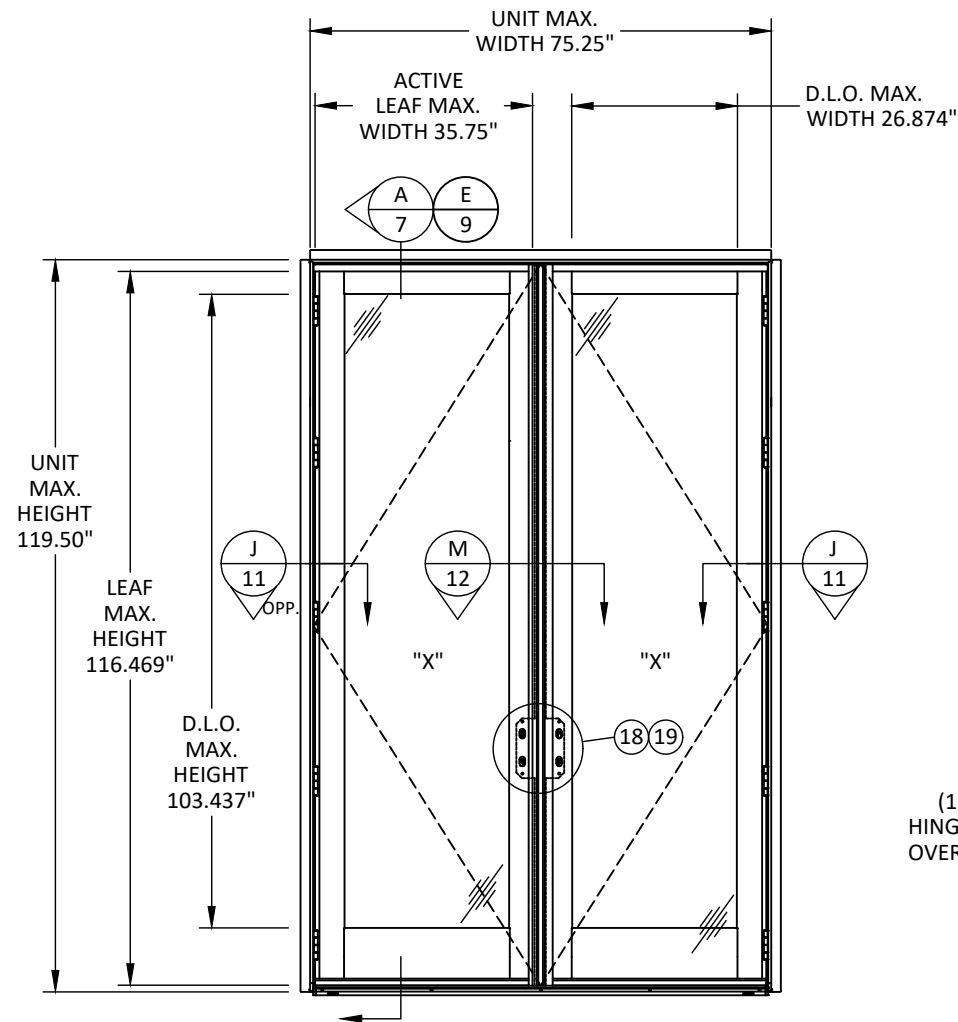
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SCALE: NTS

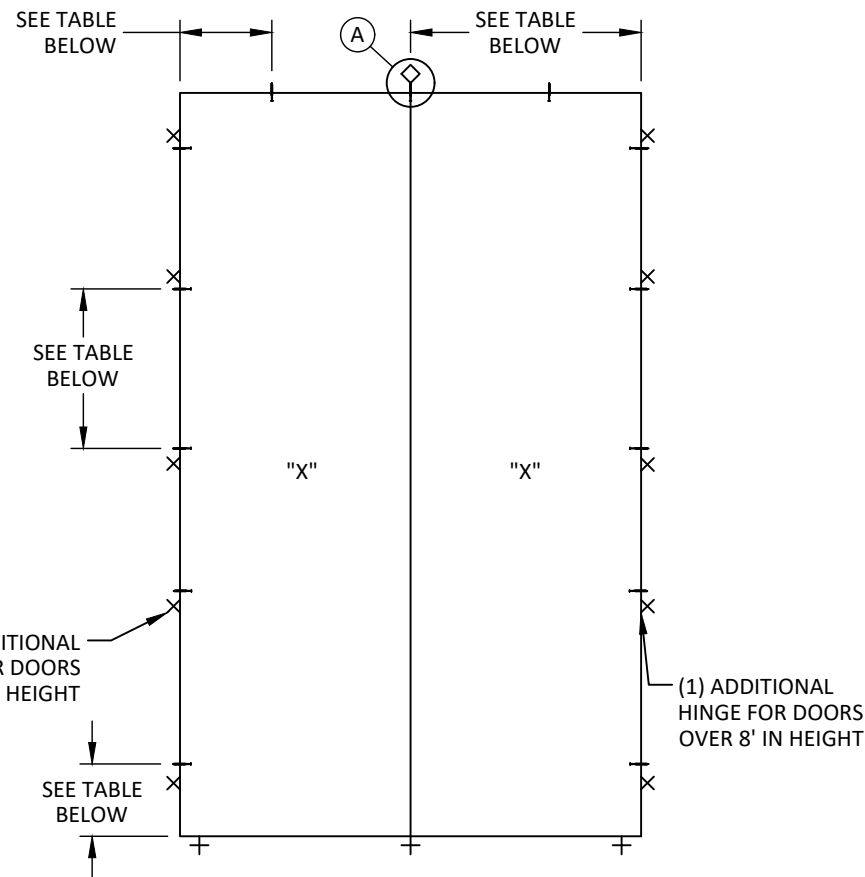
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SHEET: 3 OF 15

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ELEVATION
TRADITIONAL

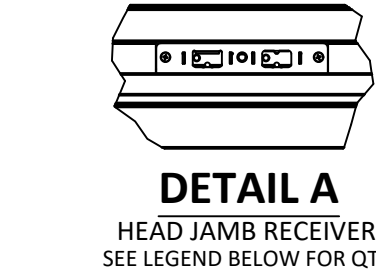


ANCHOR LAYOUT

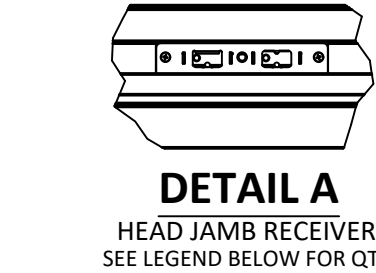
DOOR LEGEND (XX)
X = TWO (2) ANCHORS THRU PREDRILLED HOLES
◇ = ANCHORS THRU HEAD RECEIVER SEE DETAIL 'A' ABOVE -WOOD OR METAL: FIVE (5) -CONCRETE/MASONRY: FOUR (4)
+ = ANCHORS THROUGH SILL BRACKET(S), SEE DETAIL 'B' BELOW

SILL BRACKET (XOX)
(4) ANCHORS FOR WOOD OR METAL
(2) ANCHORS FOR CONCRETE/MASONRY
DETAIL B SILL BRACKET SEE ABOVE FOR ANCHOR QUANTITIES

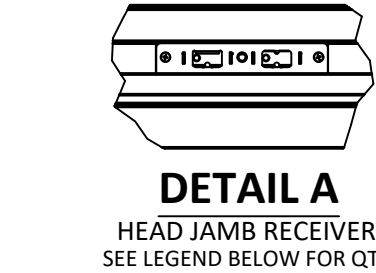
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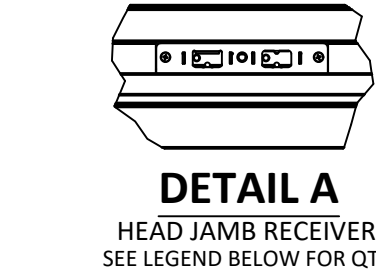
DETAIL A
HEAD JAMB RECEIVER
SEE LEGEND BELOW FOR QTY



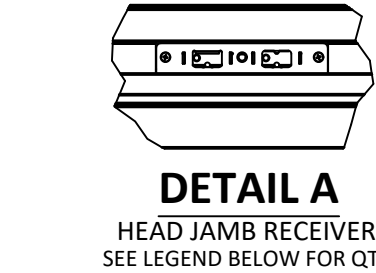
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SILL BRACKET
SEE ABOVE FOR
ANCHOR QUANTITIES



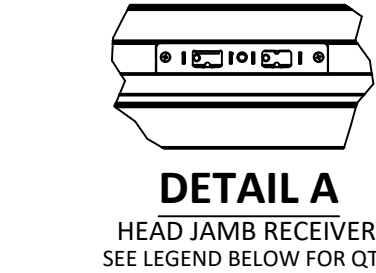
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ANCHOR QUANTITIES



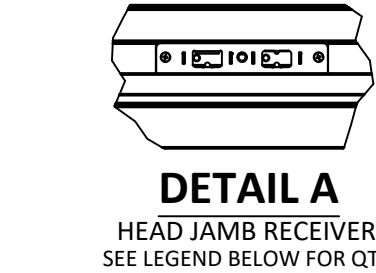
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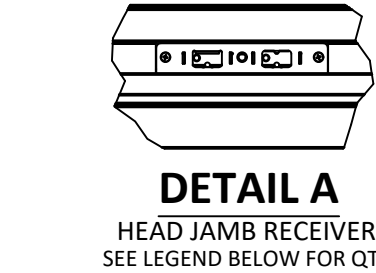
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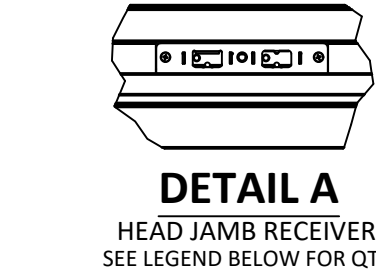
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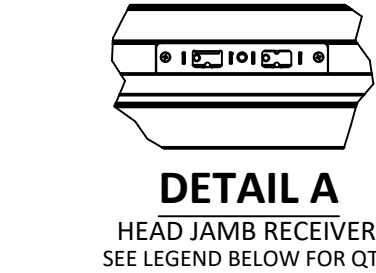
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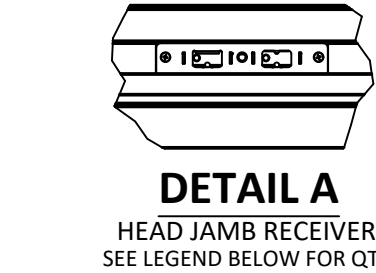
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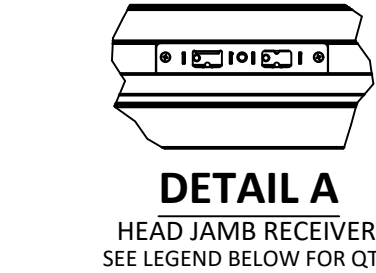
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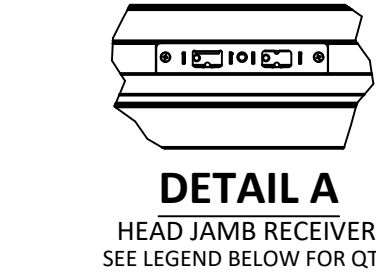
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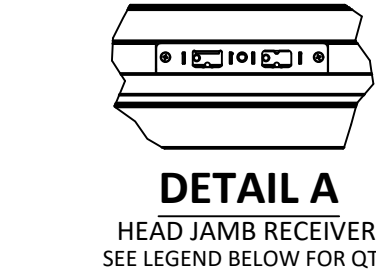
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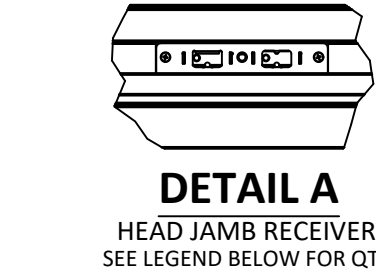
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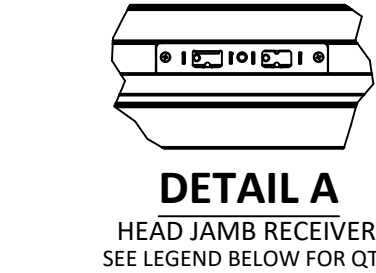
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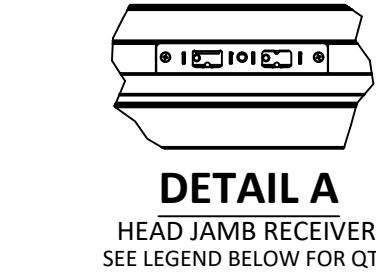
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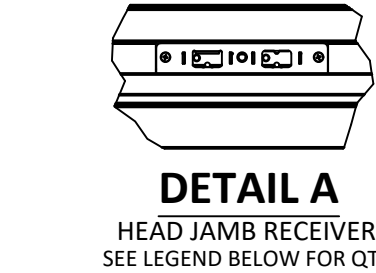
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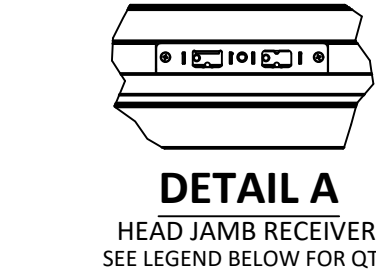
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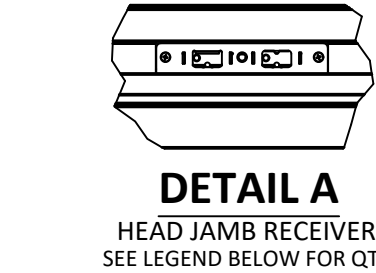
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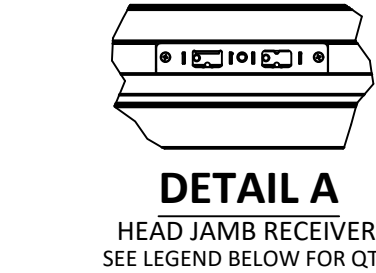
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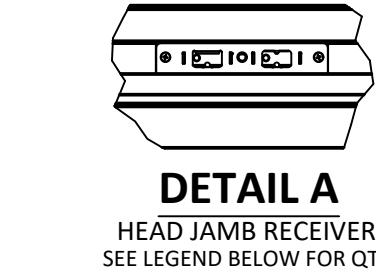
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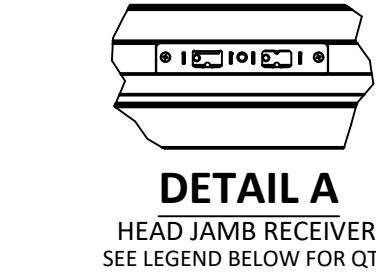
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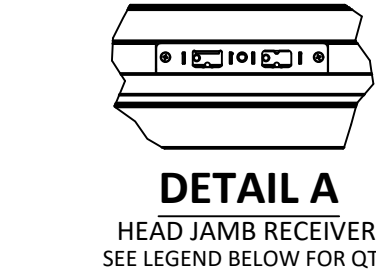
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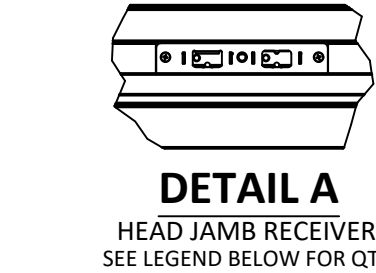
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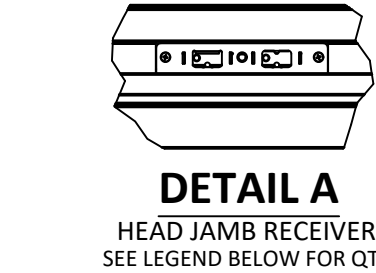
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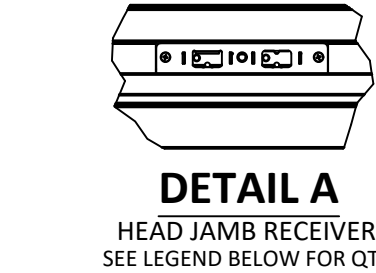
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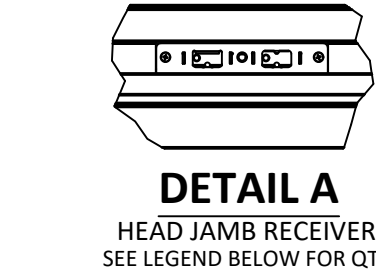
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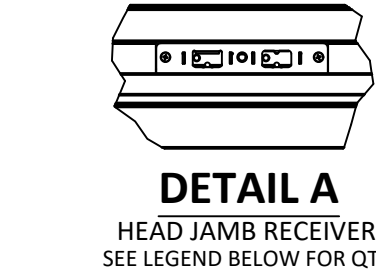
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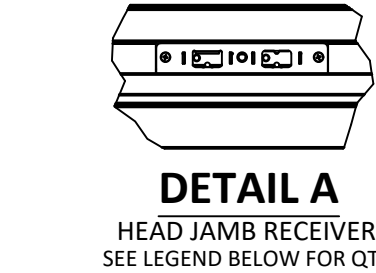
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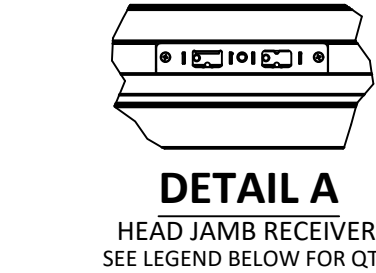
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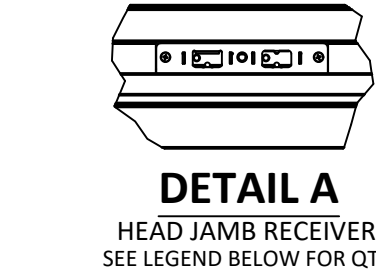
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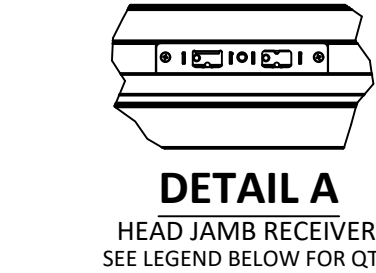
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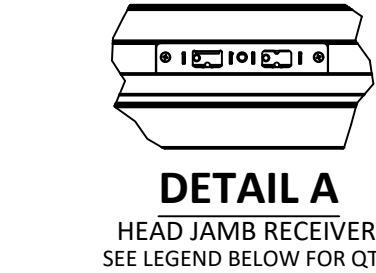
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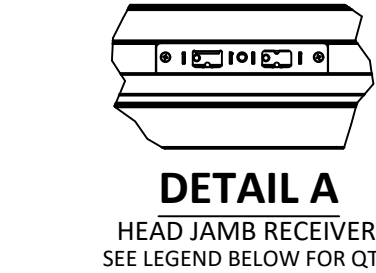
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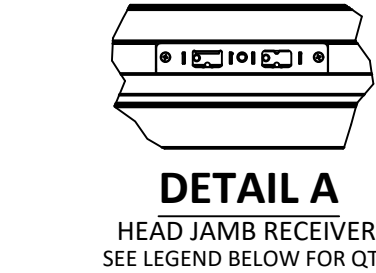
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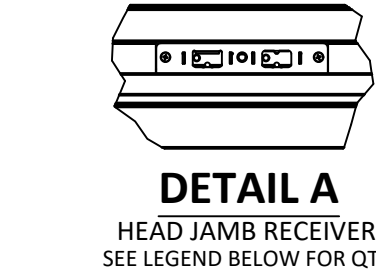
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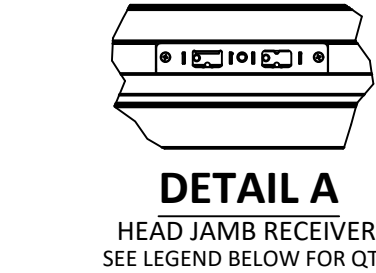
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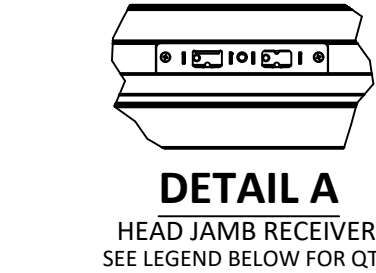
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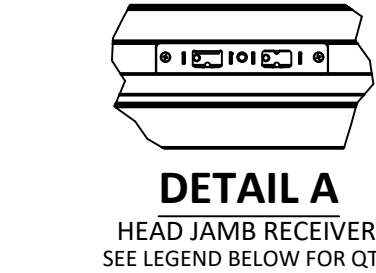
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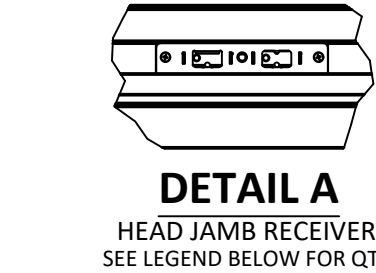
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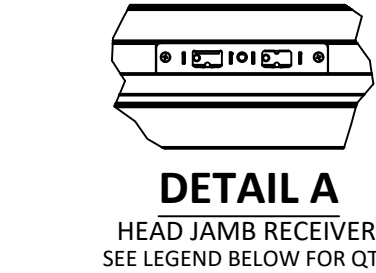
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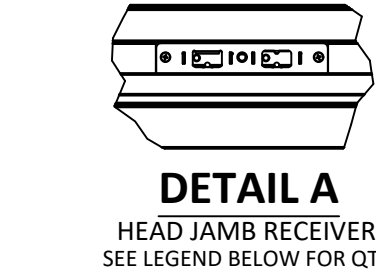
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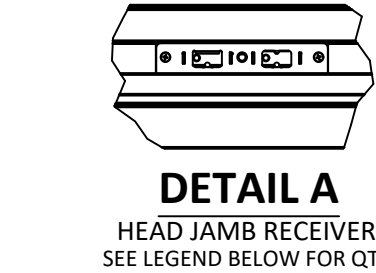
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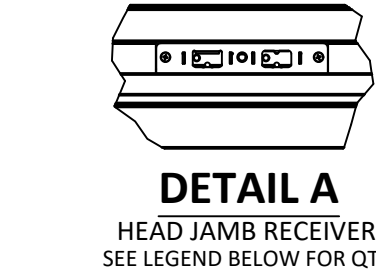
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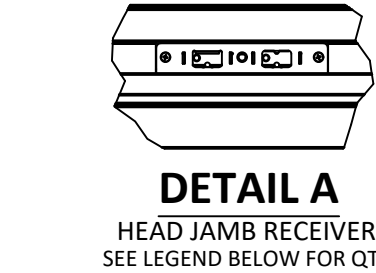
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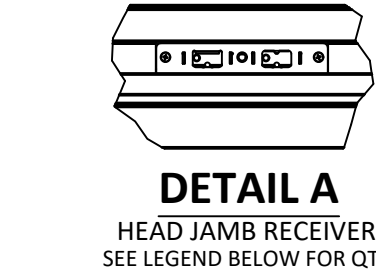
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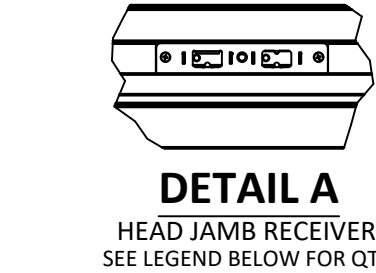
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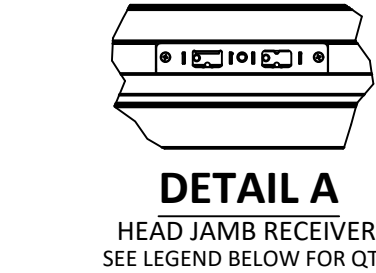
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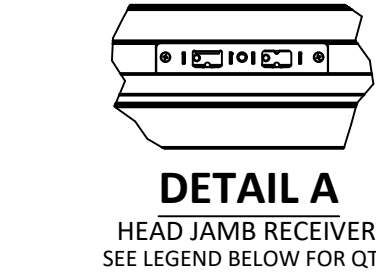
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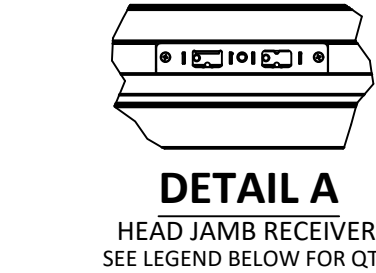
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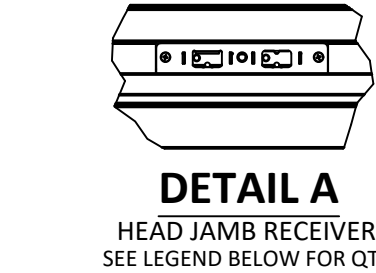
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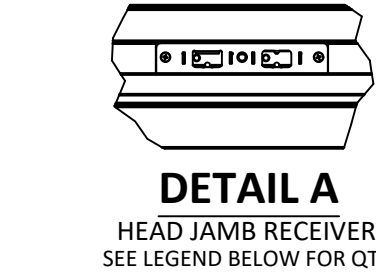
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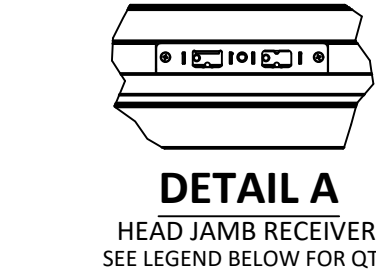
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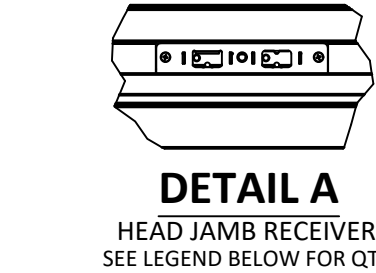
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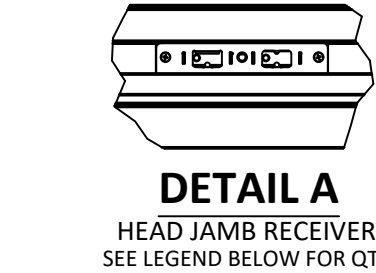
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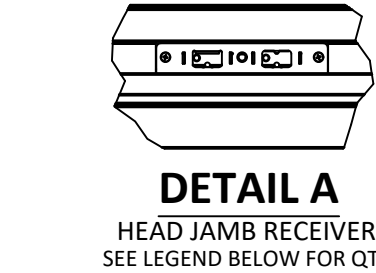
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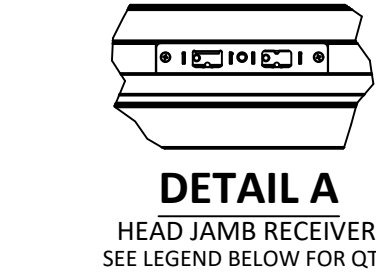
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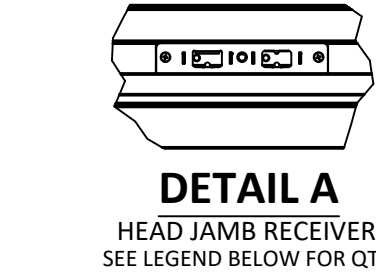
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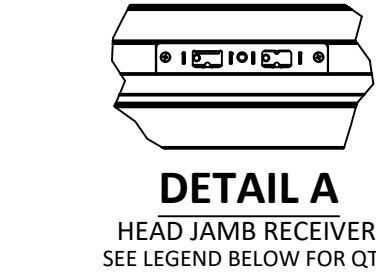
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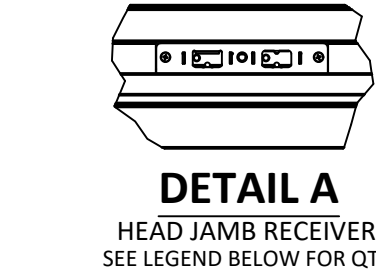
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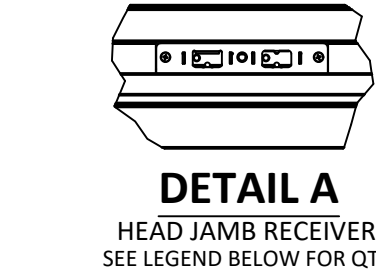
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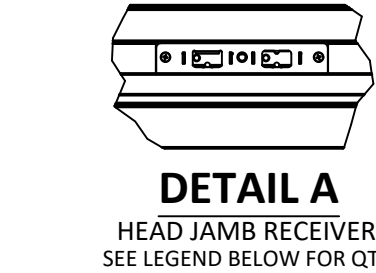
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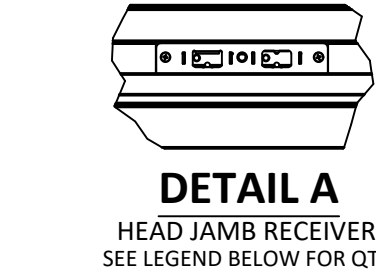
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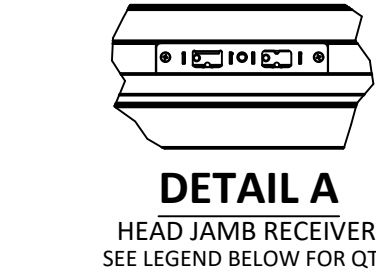
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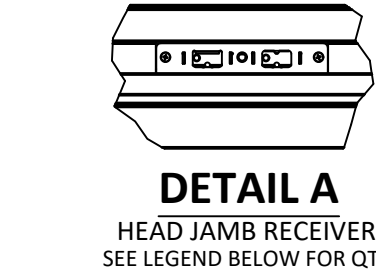
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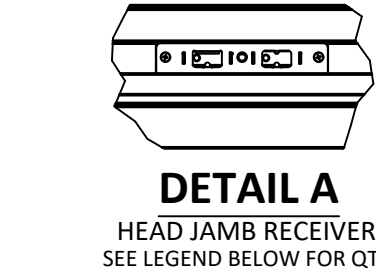
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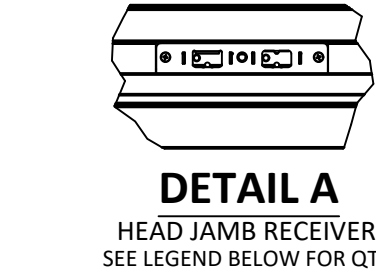
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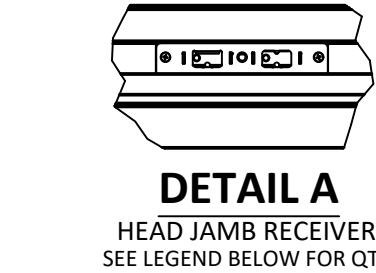
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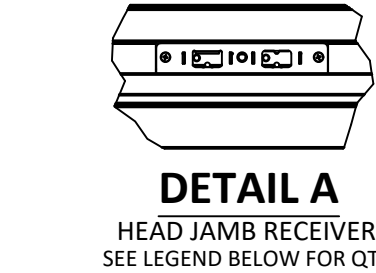
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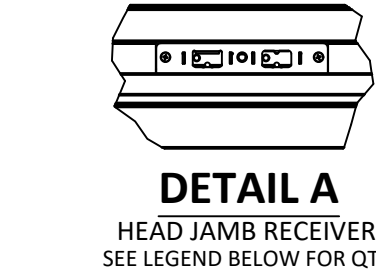
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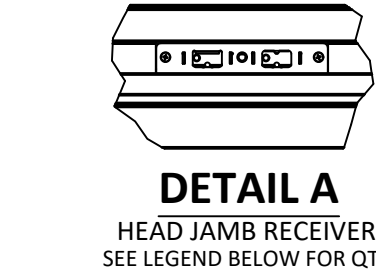
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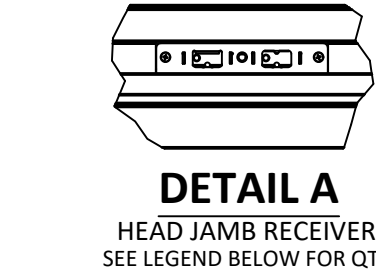
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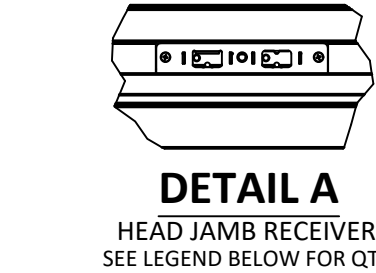
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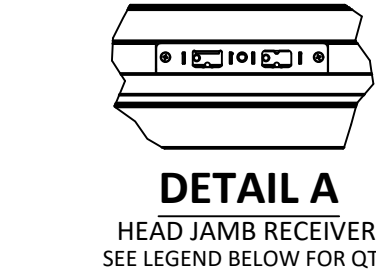
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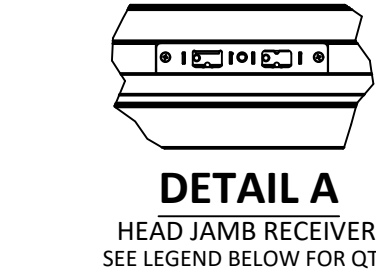
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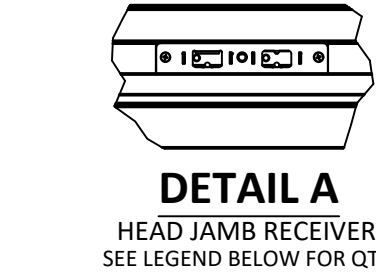
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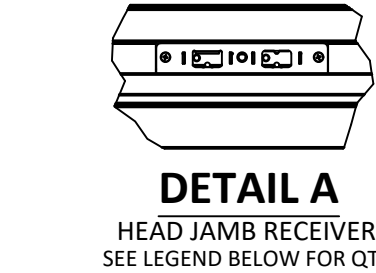
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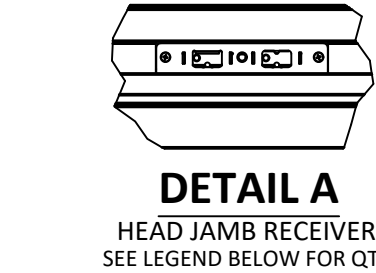
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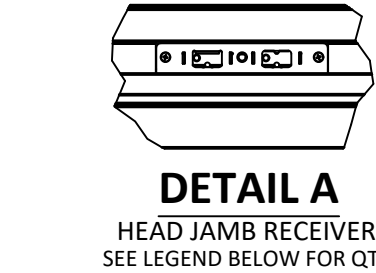
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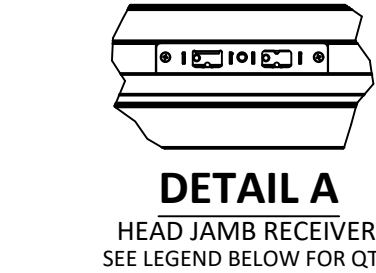
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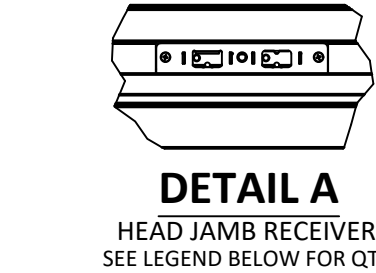
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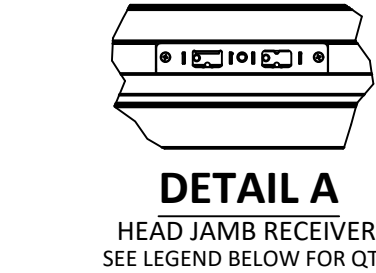
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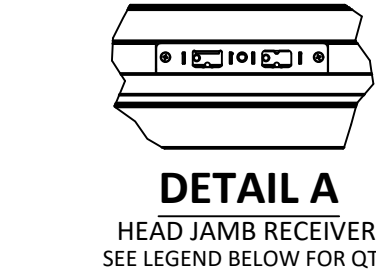
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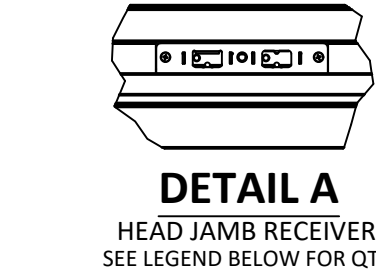
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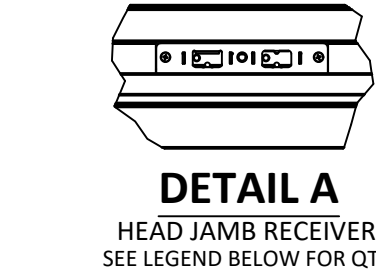
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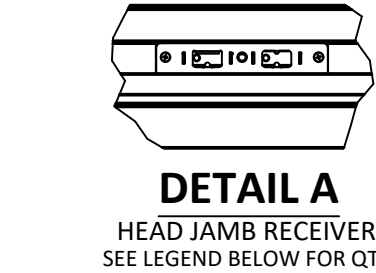
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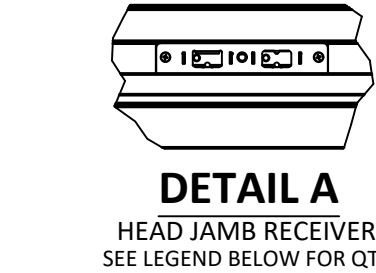
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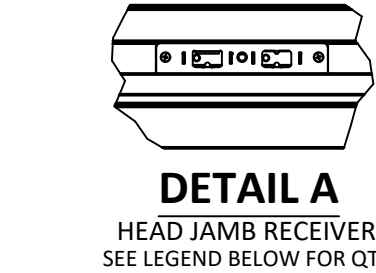
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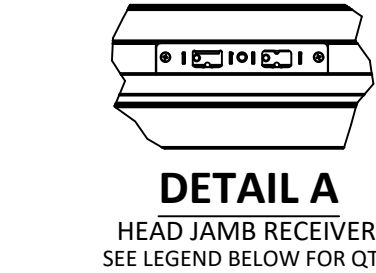
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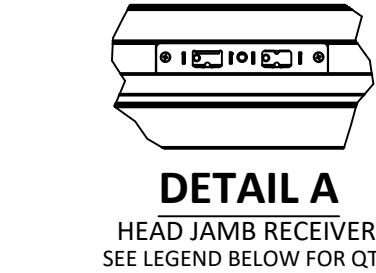
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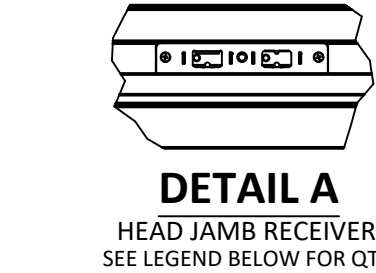
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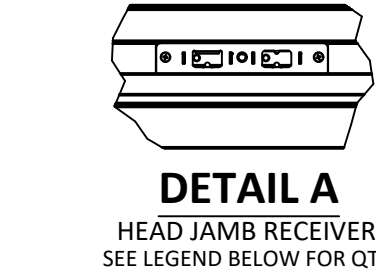
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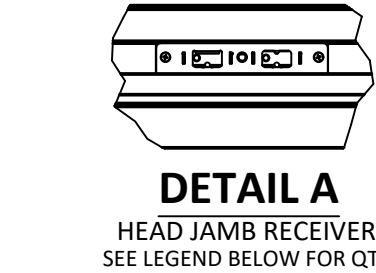
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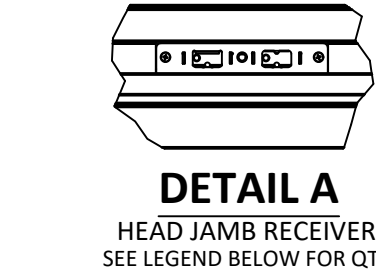
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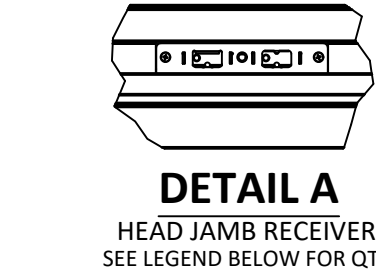
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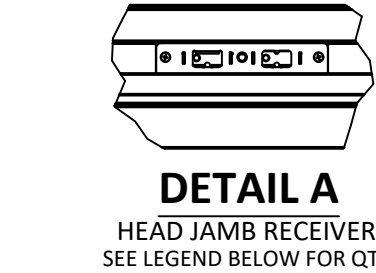
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JAMB
SEE ABOVE FOR
ANCHOR QUANTITIES



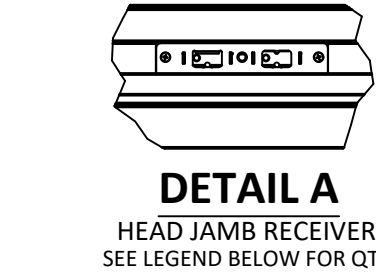
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SILL
SEE ABOVE FOR
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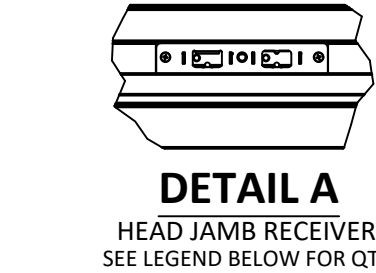
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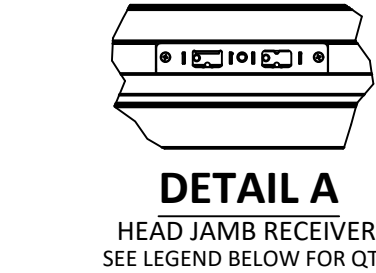
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ANCHOR QUANTITIES



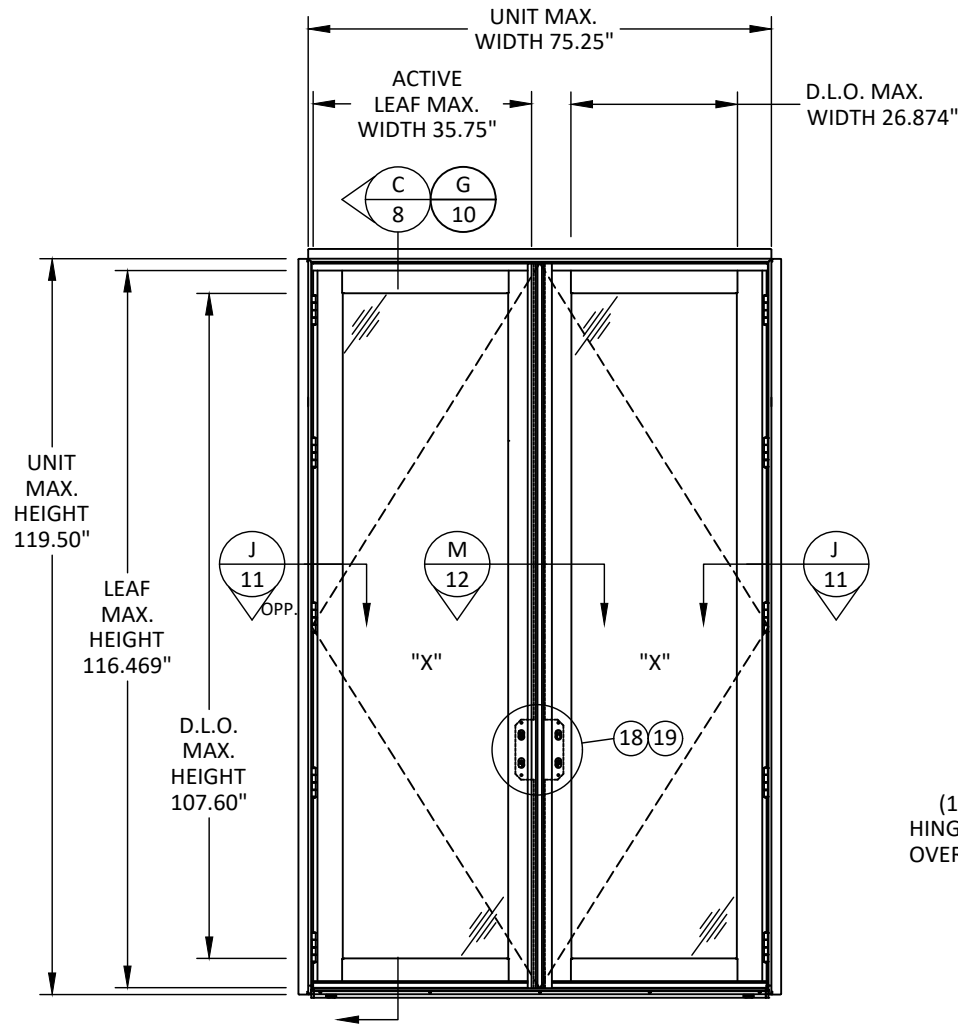
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SEE ABOVE FOR
ANCHOR QUANTITIES



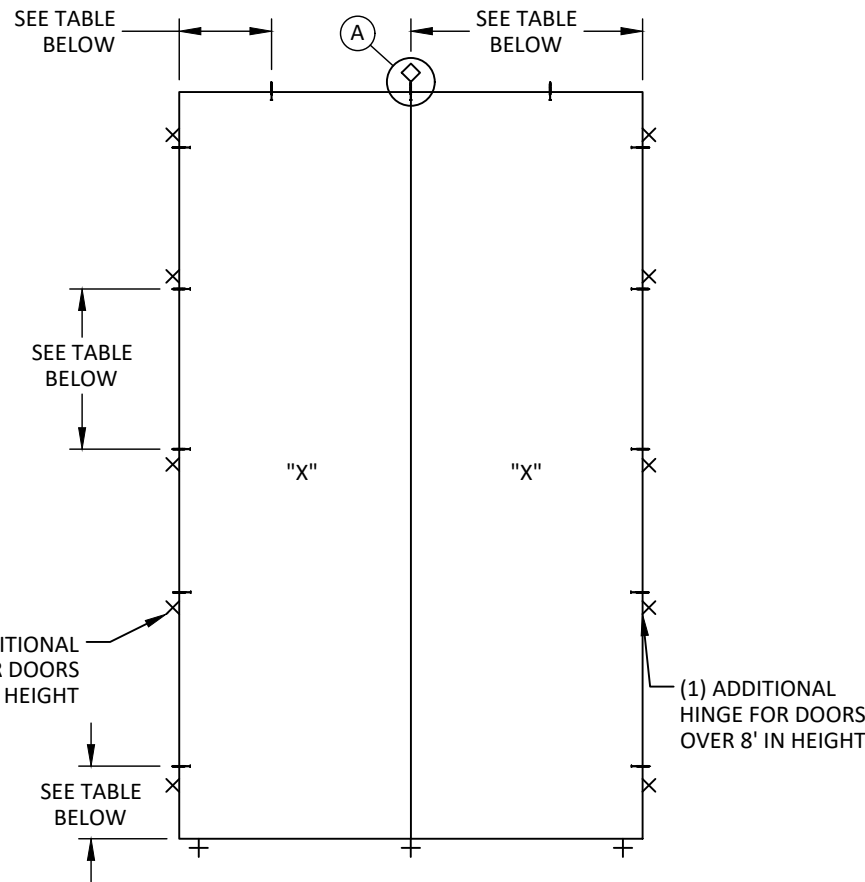
DETAIL CU
HINGE
SEE ABOVE FOR
ANCHOR QUANTITIES



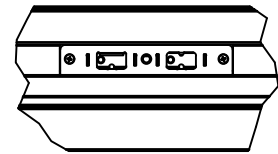
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ELEVATION
CONTEMPORARY



ANCHOR LAYOUT



DETAIL A
HEAD JAMB RECEIVER
SEE LEGEND BELOW FOR QTY

DOOR LEGEND (XX)
X = TWO (2) ANCHORS THRU PREDRILLED HOLES
◇ = ANCHORS THRU HEAD RECEIVER SEE DETAIL 'A' ABOVE - WOOD OR METAL: FIVE (5) - CONCRETE/MASONRY: FOUR (4)
+ = ANCHORS THROUGH SILL BRACKET(S), SEE DETAIL 'B' BELOW

SILL BRACKET (XX)
(4) ANCHORS FOR WOOD OR METAL
(2) ANCHORS FOR CONCRETE/MASONRY
DETAIL B SILL BRACKET SEE ABOVE FOR ANCHOR QUANTITIES

*AS LONG AS THE ANCHOR TYPES, EMBEDMENT, AND EDGE DISTANCE REQUIREMENTS ON SHEET 13 ARE MET AND THE ANCHOR QUANTITY IS EQUAL TO OR GREATER THAN THE NUMBER SPECIFIED ON THE ANCHOR TABLES, THROUGH FRAME INSTALLATION AND/OR INSTALLATION THROUGH THE HINGE PLATES INTO THE SUBSTRATE IS ACCEPTABLE.

ANCHOR SCHEDULE							
SIZE (IN.)	CONFIGURATION	HEAD			JAMBS		
		MAX. FROM CORNER (IN.)	MAX. O.C. (IN.)	ANCHOR QUANTITY	MAX. DISTANCE FROM SILL (IN.)	MAX. ON CENTER DISTANCE (IN.)	MIN ANCHOR QUANTITY AT HINGE JAMBS
75.25 X 119.50	XX OR XO	19.0"	MIDSPAN	8	10.7"	20.0"	16
75.25 X 95.50	XX OR XO	19.0"	MIDSPAN	8	10.7"	20.0"	13
75.25 X 82.38	XX OR XO	19.0"	MIDSPAN	8	10.7"	20.0"	10
75.25 X 79.50	XX OR XO	19.0"	MIDSPAN	8	10.7"	20.0"	10

NOTE:

- 1) FOR SILL ANCHORAGE SEE LEGEND ABOVE. ALTERNATIVELY, THE CONTINUOUS REMODEL CLIP (ITEM #30) MAY BE UTILIZED WITH FASTENERS FROM CLIP TO SUBSTRATE 3" FROM CORNERS & 6 7/8" MAX. O.C. REFER TO SHEET 13 FOR REQUIREMENTS OF INSTALLATION.
- 2) ANCHOR SCHEDULE REFLECTS MINIMUM NUMBER OF ANCHORS REQUIRED, TOTAL QUANTITY MAY VARY DEPENDING ON LEGEND REQUIREMENTS.
- 3) HINGE REQUIREMENTS - DOORS GREATER THAN 8' IN HEIGHT SHALL UTILIZE 5 HINGES, DOORS GREATER THAN 6'-10 3/8" IN HEIGHT SHALL UTILIZE 4 HINGES, AND DOORS EQUAL TO OR LESS THAN 6'-10 3/8" SHALL UTILIZE 3 HINGES.



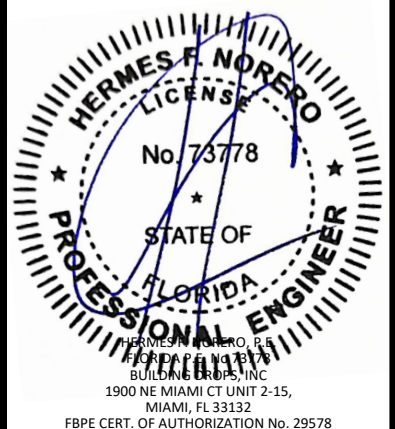
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES HINGED
PATIO DOOR-INSWING
WITH PG UPGRADE
(HVHZ)(NON-IMPACT)
ELEVATION & ANCHOR LAYOUT

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15,
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.2.23
8TH FBC CODE CHANGE	SH	5.12.23
INSTALLATION UPD.	FB	12.9.23

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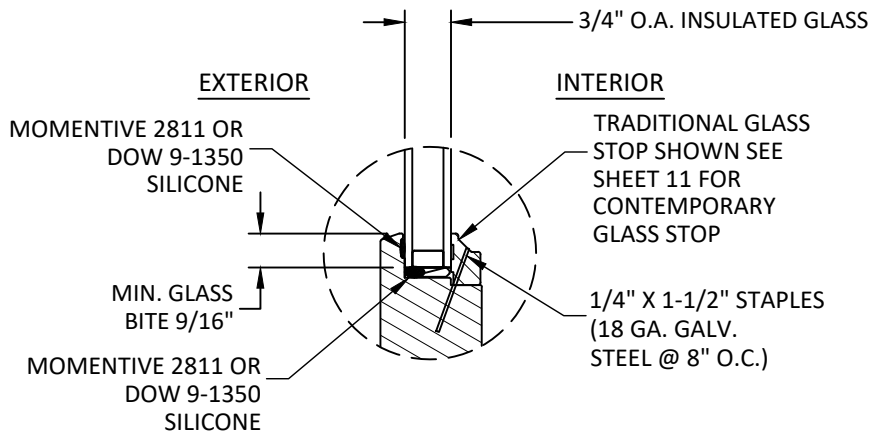
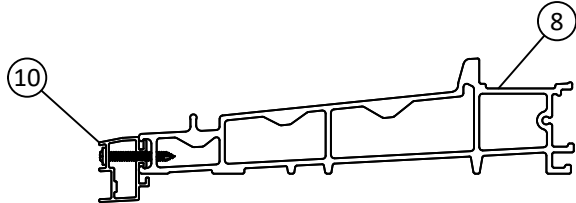
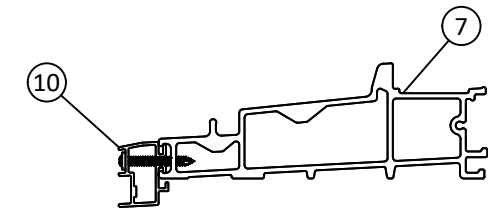


FL #:	FL14320
DATE:	07.23.19
DWG. BY:	CL
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD130
SHEET:	5
OF 15	

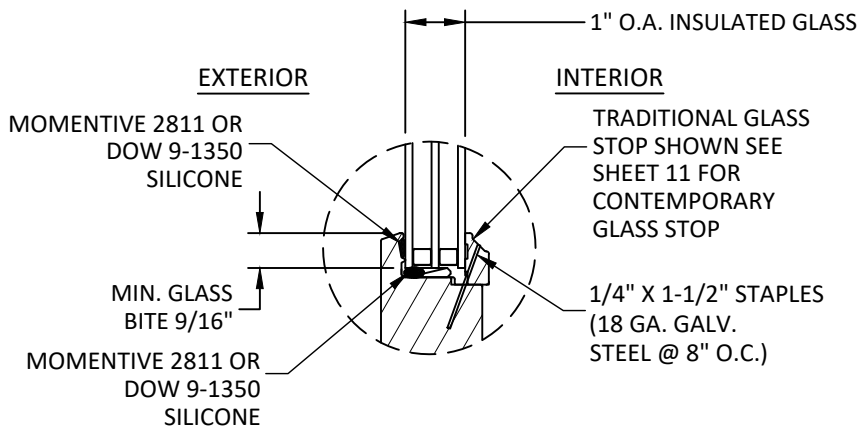
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A-SERIES INSWING DOOR TRADITIONAL UNITS WITH DROP-NOSE SILL				
CONFIGURATION	HEIGHT (IN.)	WIDTH (IN.)	DESING PRESSURE (PSF)	
			POS.	NEG.
XX	79.50	75.25	65.0	80.0
XX	82.38	75.25	65.0	80.0
XX	95.50	75.25	65.0	80.0
XX	101.50	75.25	62.8	77.6
XX	107.50	75.25	60.2	75.2
XX	113.50	75.25	53.8	68.8
XX	119.50	75.25	50.0	65.0
X or O	79.50	38.125	65.0	80.0
X or O	82.38	38.125	65.0	80.0
X or O	95.50	38.125	65.0	80.0
X or O	101.50	38.125	65.0	77.5
X or O	107.50	38.125	65.0	75.0
X or O	113.50	38.125	65.0	72.5
X or O	119.50	38.125	65.0	70.0

NOTE: ALL PRESSURES MEET WATER INFILTRATION REQUIREMENTS



GLAZING DETAIL 1



GLAZING DETAIL 2

- GLAZING NOTES:
- GLAZING SHALL COMPLY WITH ASTM E1300 AND FBC SAFETY GLAZING REQUIREMENTS.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 - D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.

ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES HINGED PATIO DOOR-INSWING WITH PG UPGRADE (HVHZ)/(NON-IMPACT)

DP TABLE AND GLAZING DETAILS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15,
MIAMI, FL 33132
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REMARKS	BY	DATE
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INSTALLATION UPD.	FB	12.9.23

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HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15,
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL14320**

DATE: **07.23.19**

DWG. BY: CL	CHK. BY: HFN
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SCALE: **NTS**

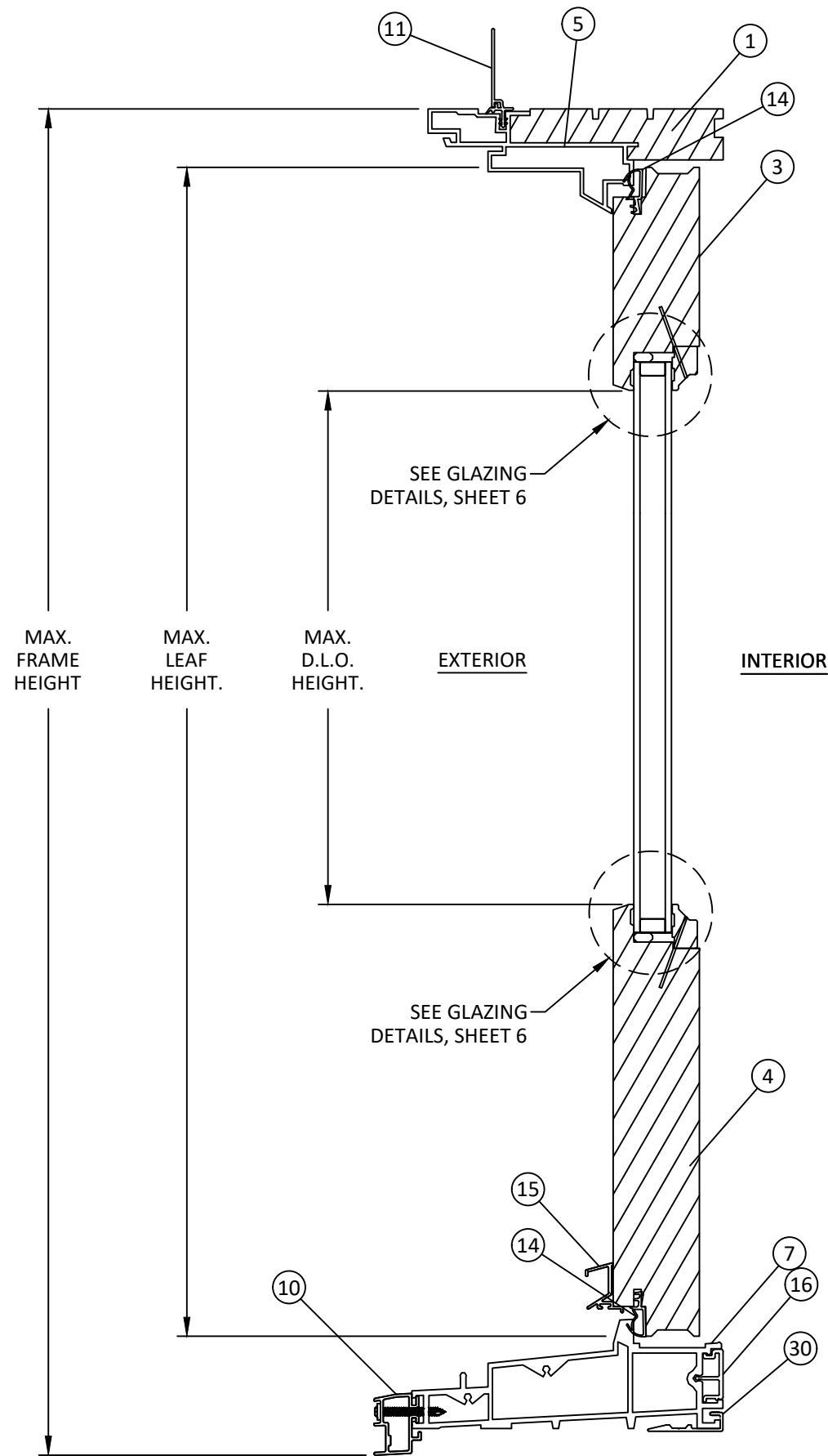
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SHEET:

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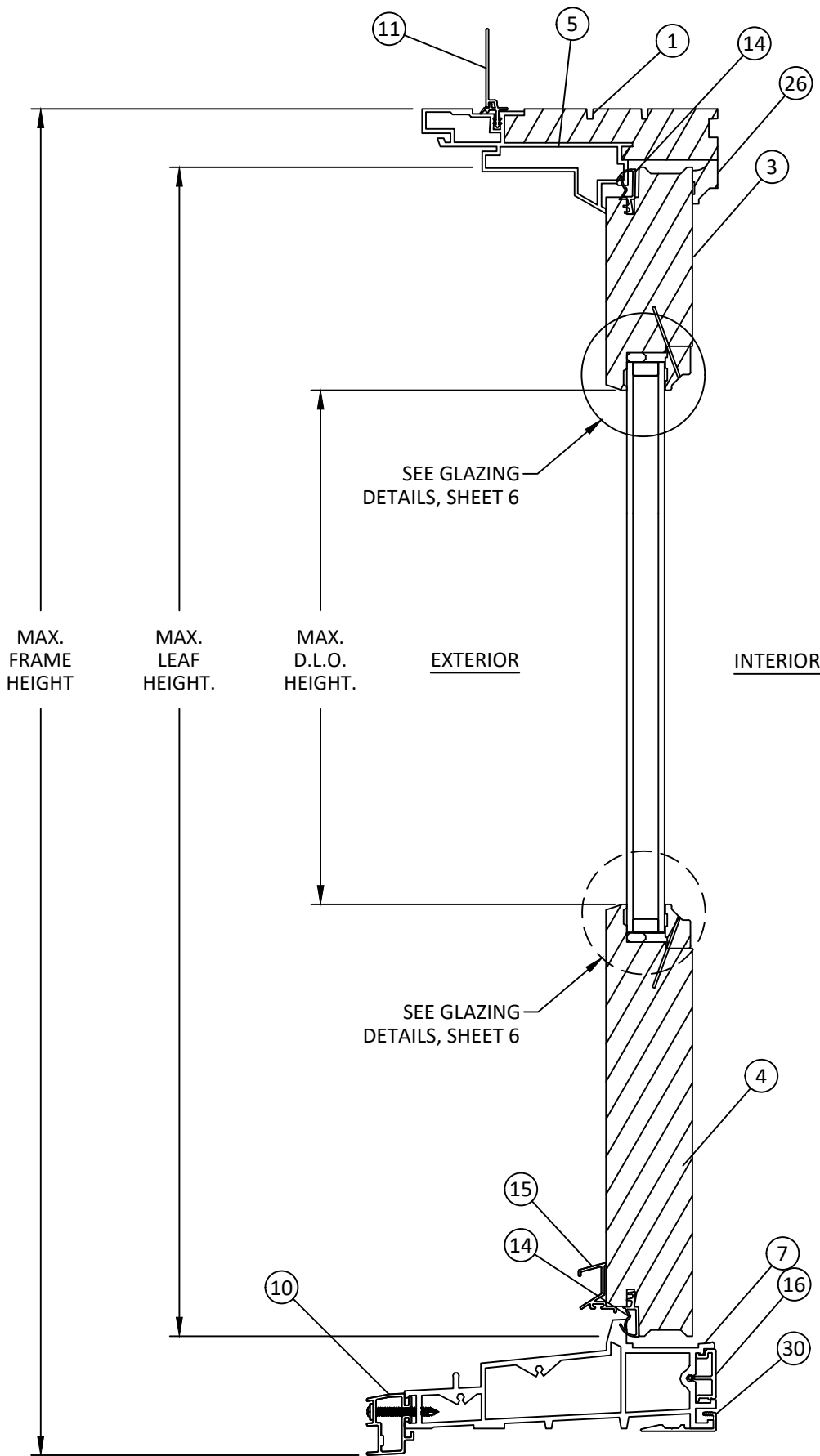
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A
7
VERTICAL SECTION
TRADITIONAL - ACTIVE DOOR
4 9/16" FRAME

NOTE: ITEM 10 OPTIONAL. SEE PRESSURE TABLES ON SHEET 6 FOR DETAILS. ITEM 30, ALTERNATE SILL CLIP, FOR DOUBLE DOORS ONLY.



B
7
VERTICAL SECTION
TRADITIONAL - STATIONARY DOOR
4 9/16" FRAME



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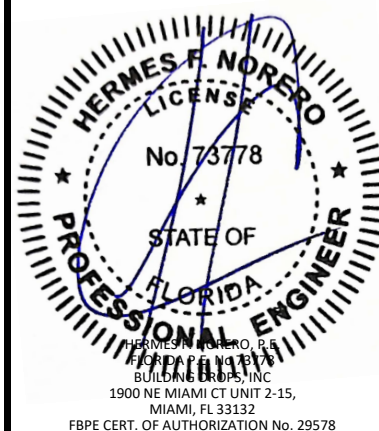
TITLE: A-SERIES HINGED
PATIO DOOR-INSWING
WITH PG UPGRADE
(HVHZ)(NON-IMPACT)
VERTICAL SECTIONS

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INSTALLATION UPD.	FB	12.9.23

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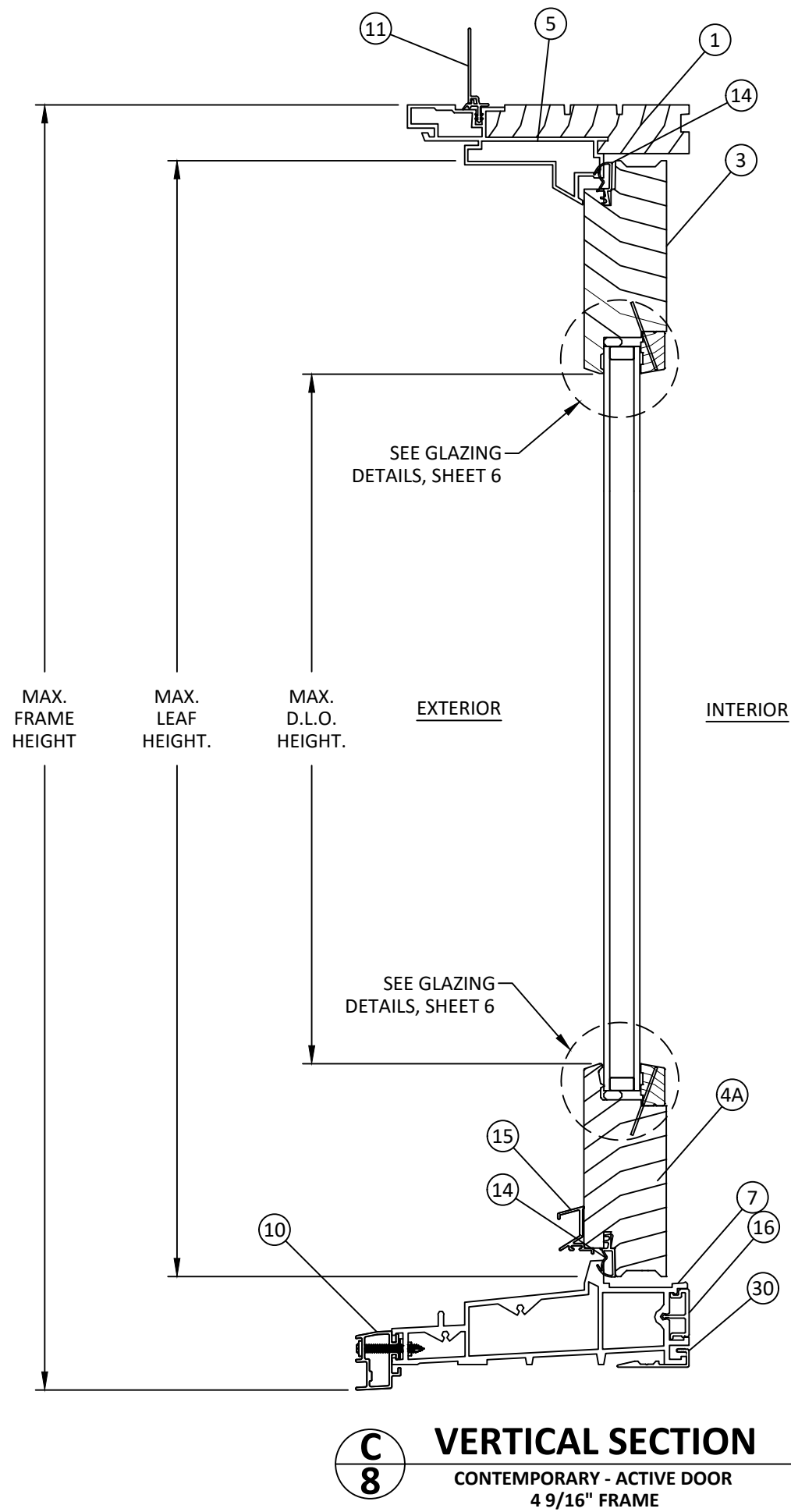
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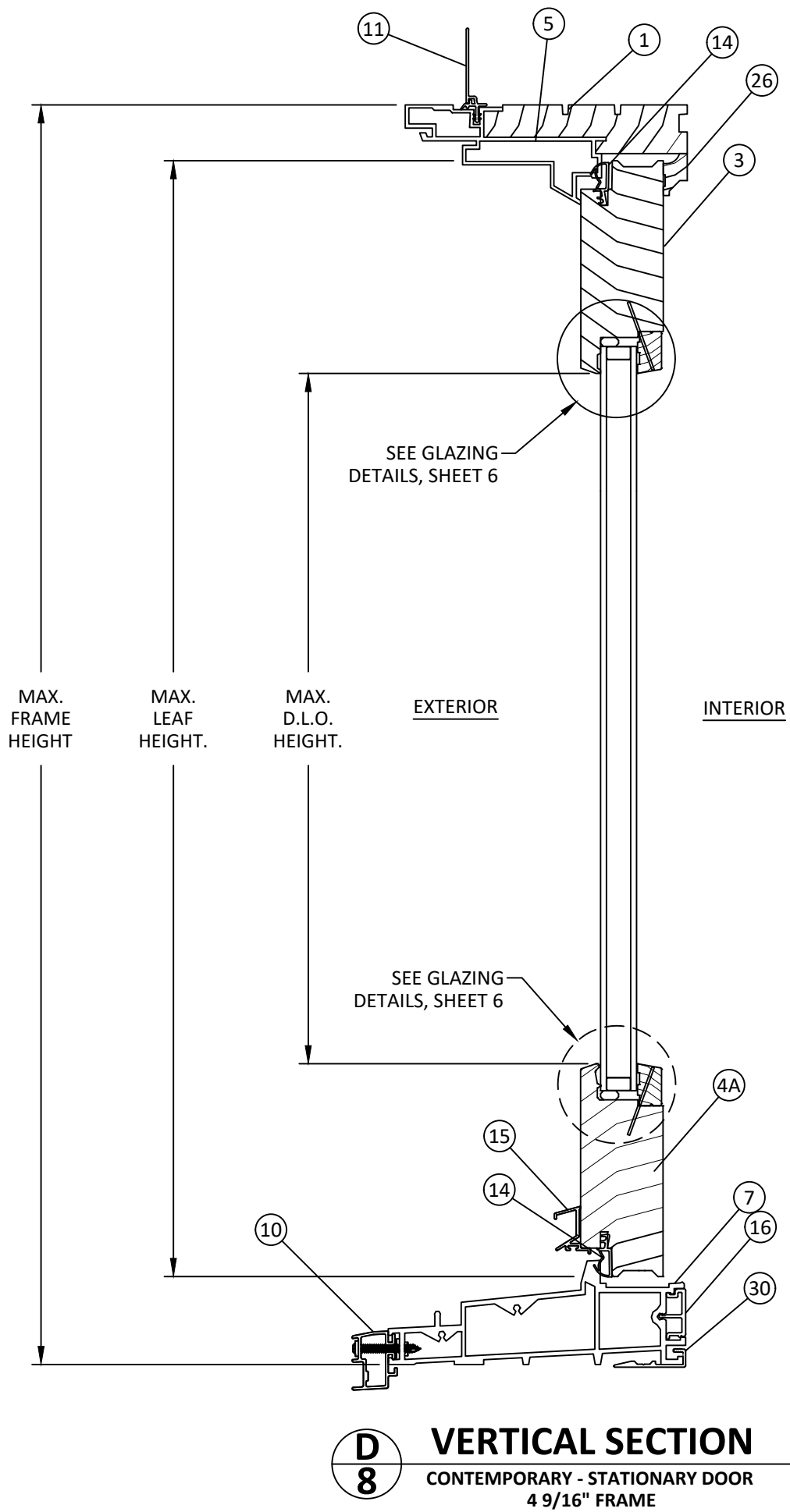
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SHEET: **7**

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NOTE: ITEM 10 OPTIONAL. SEE PRESSURE TABLES ON SHEET 6 FOR DETAILS. ITEM 30, ALTERNATE SILL CLIP, FOR DOUBLE DOORS ONLY.



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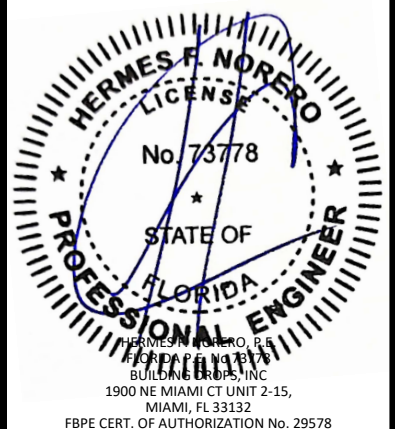
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WITH PG UPGRADE
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VERTICAL SECTIONS

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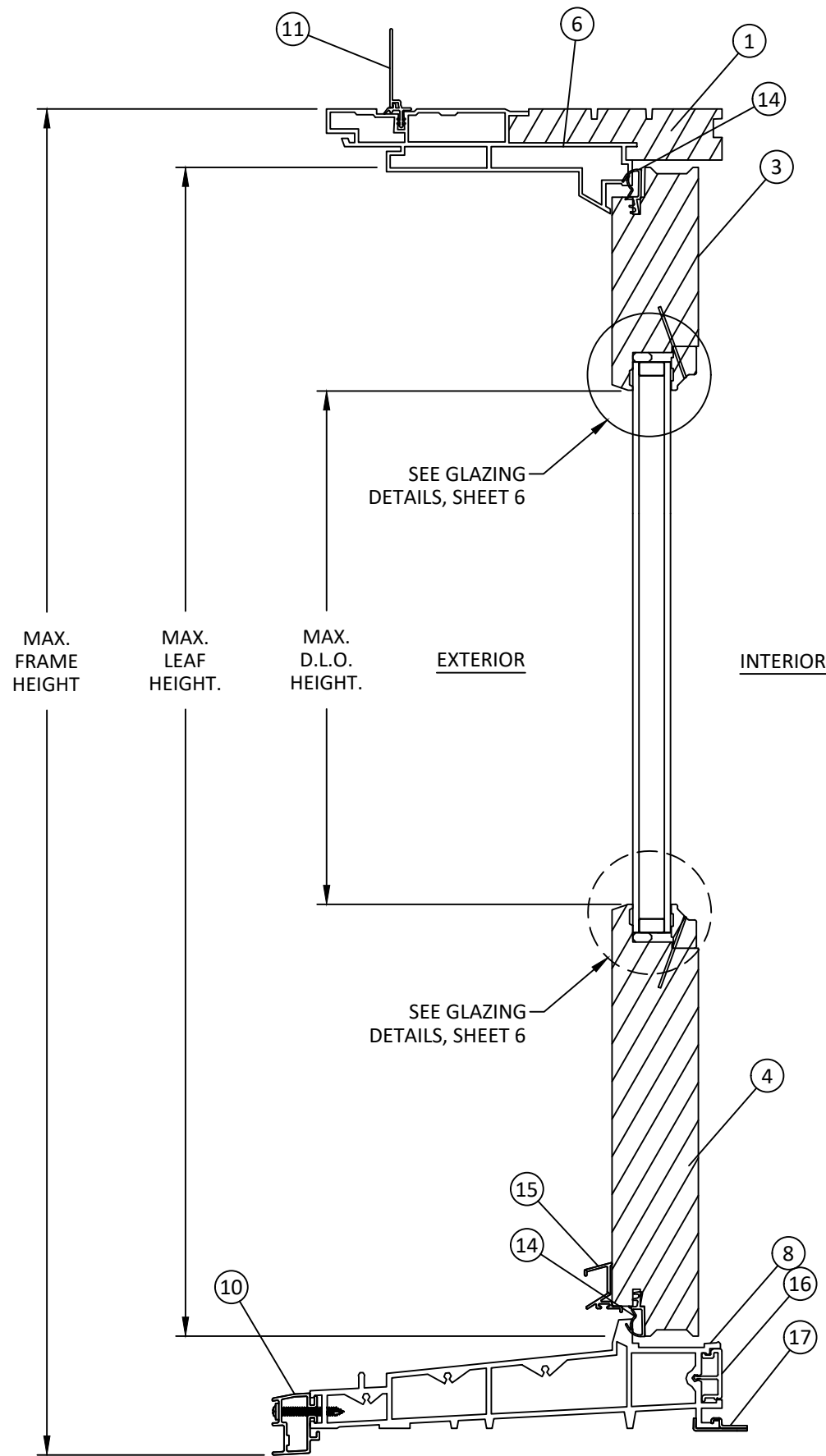
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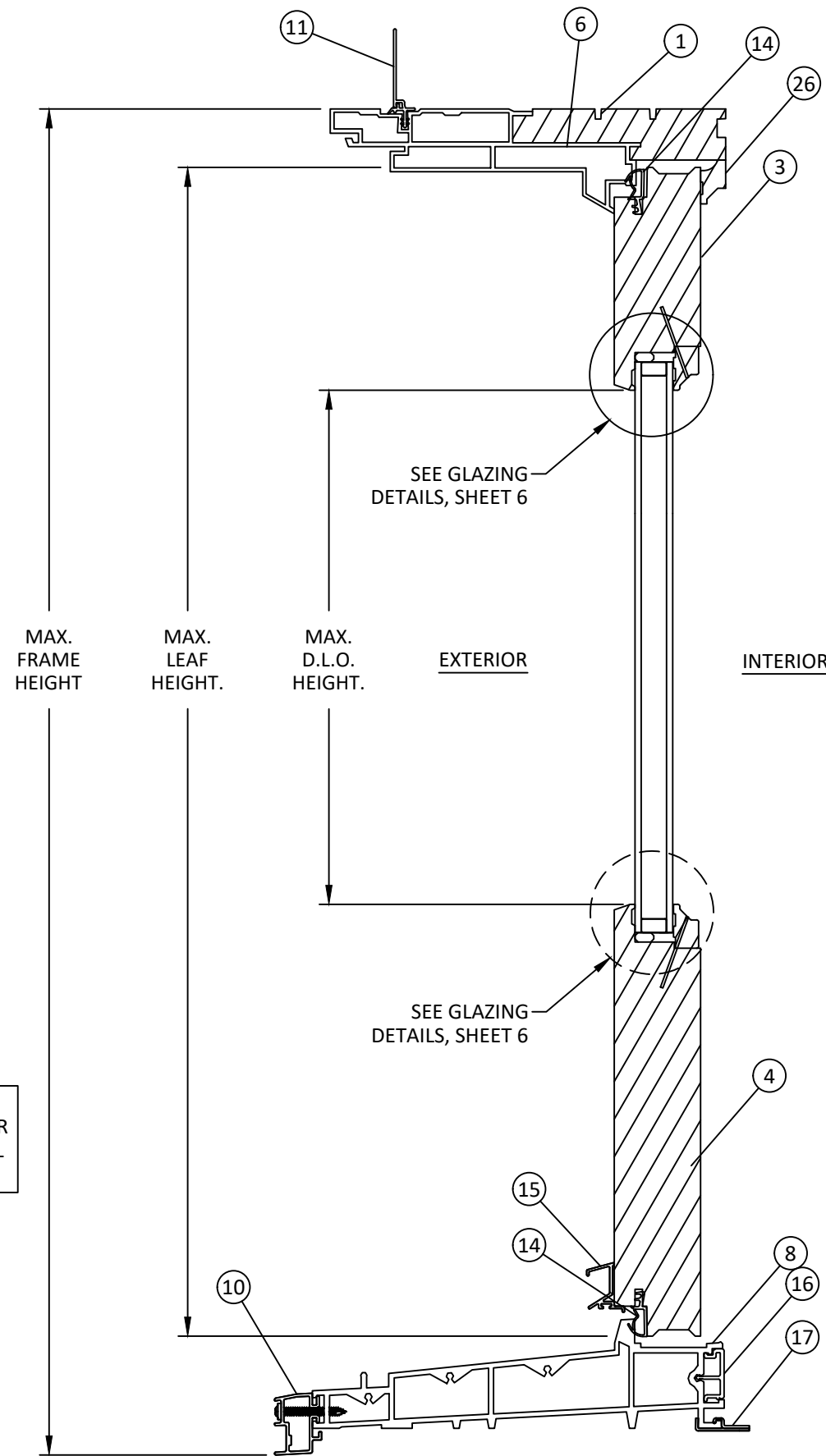
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DATE:	07.23.19
DWG. BY:	CL
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SHEET:	8

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E
9 **VERTICAL SECTION**
TRADITIONAL - ACTIVE DOOR
6 9/16" FRAME

NOTE: ITEM 10 OPTIONAL. SEE PRESSURE TABLES ON SHEET 6 FOR DETAILS. ITEM 17, ALTERNATE SILL CLIP, FOR DOUBLE DOORS ONLY.



F
9 **VERTICAL SECTION**
TRADITIONAL - STATIONARY DOOR
6 9/16" FRAME



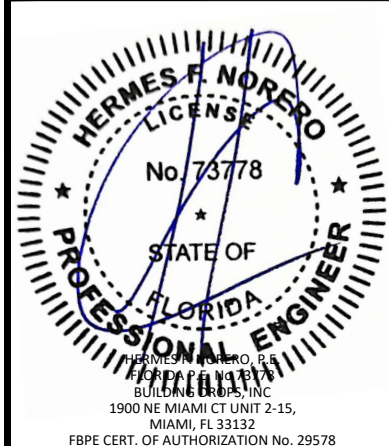
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES HINGED
PATIO DOOR-INSWING
WITH PG UPGRADE
(HVHZ)/(NON-IMPACT)
VERTICAL SECTIONS

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DATE: **07.23.19**

DWG. BY: **CL** CHK. BY: **HFN**

SCALE: **NTS**

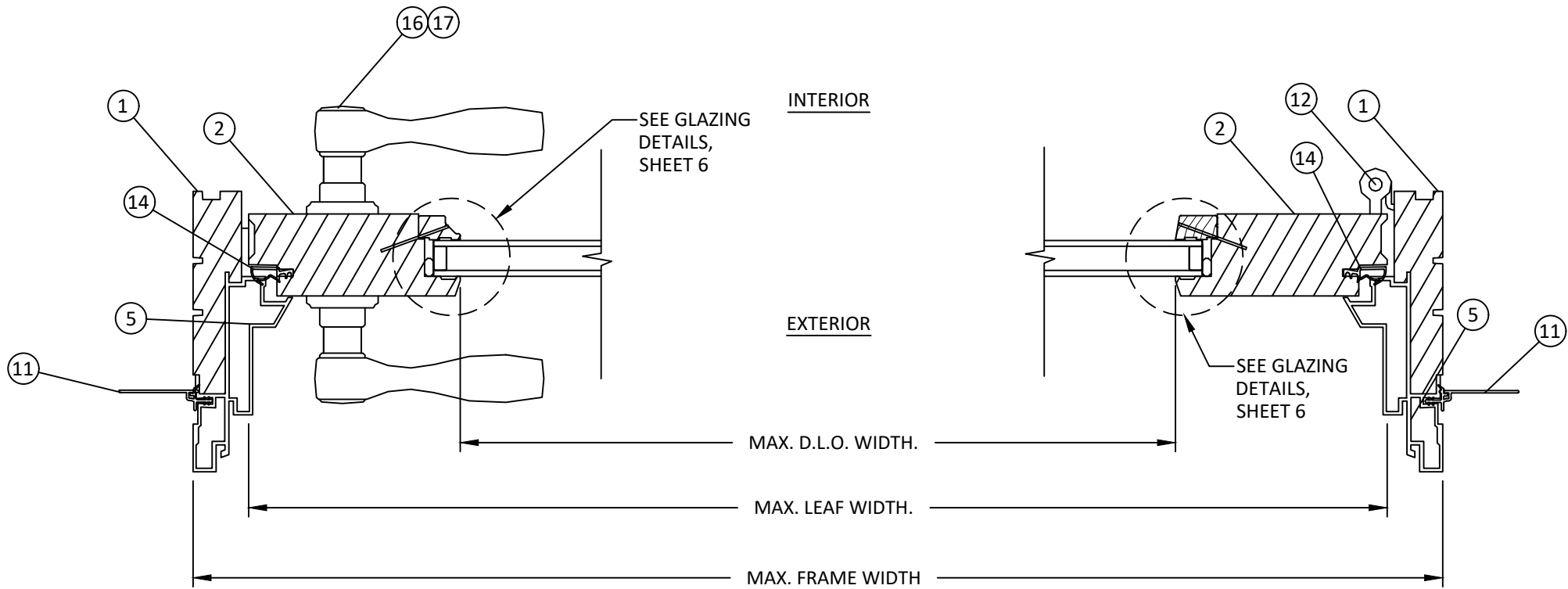
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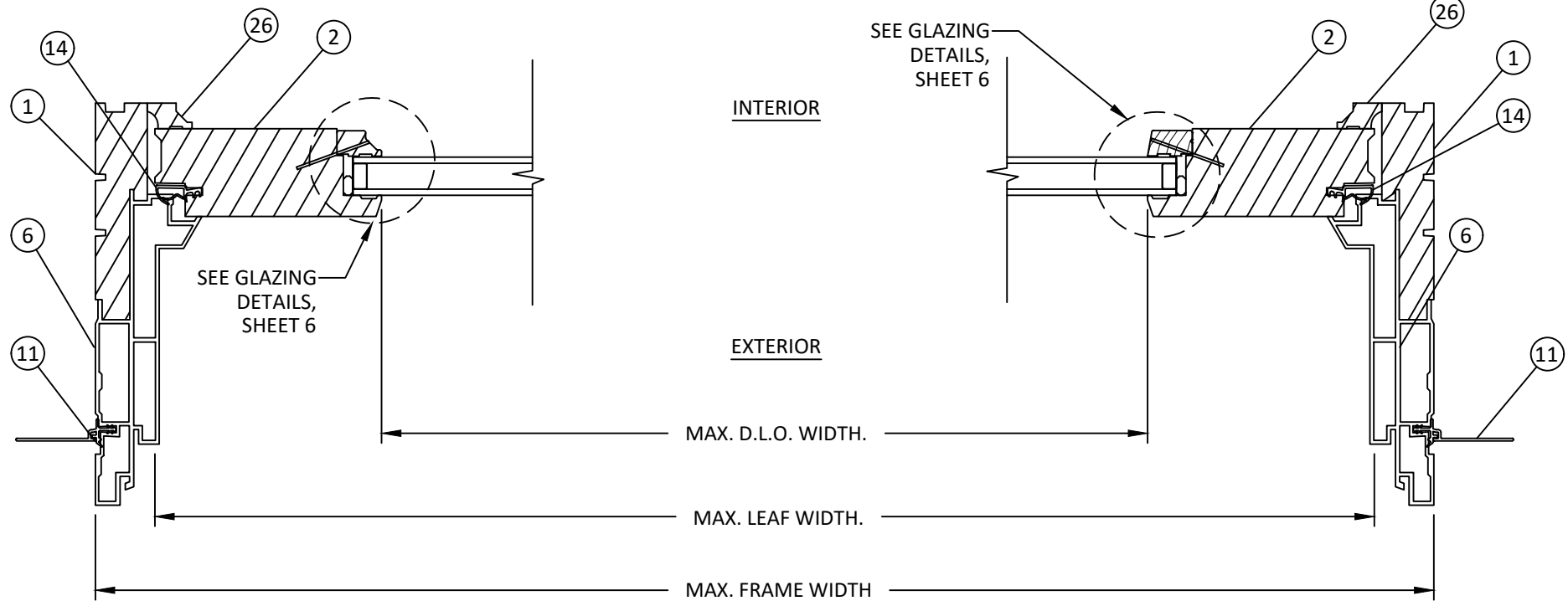
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I HORIZONTAL SECTION
11 OPERABLE PANEL - LOCK JAMB
4 9/16" FRAME

J HORIZONTAL SECTION
11 OPERABLE PANEL - HINGE JAMB
4 9/16" FRAME

NOTE: DETAILS SHOWN ARE
TYPICAL OF TRADITIONAL
AND CONTEMPORARY DOORS



K HORIZONTAL SECTION
11 STATIONARY PANEL
6 9/16" FRAME

L HORIZONTAL SECTION
11 STATIONARY PANEL
6 9/16" FRAME



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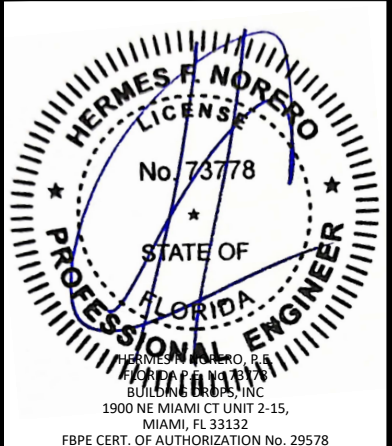
TITLE: A-SERIES HINGED
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HORIZONTAL SECTIONS

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FL14320

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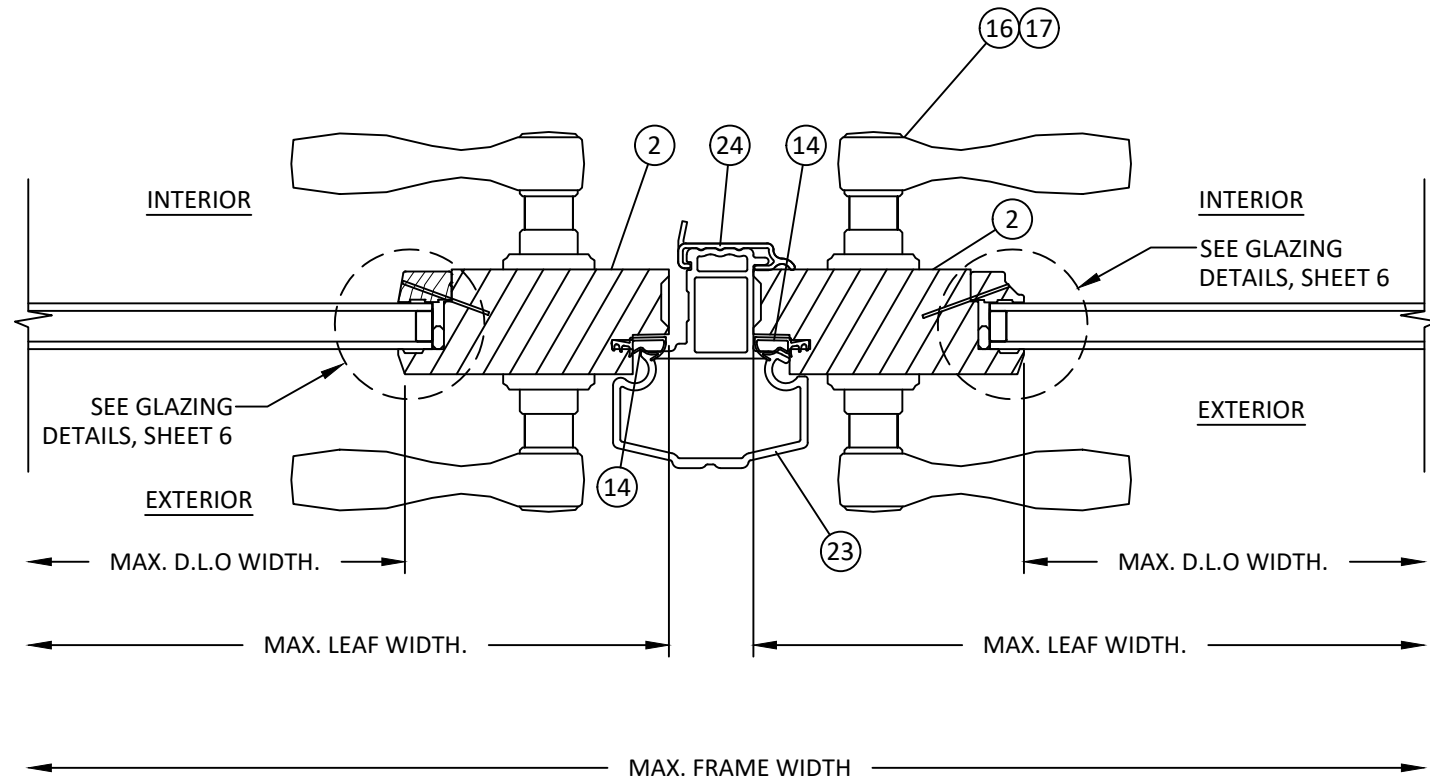
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DWG. #: **AWD130**

SHEET:

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M 12 **HORIZONTAL SECTION**
DOUBLE DOOR ASTRAGAL

NOTE: DETAILS SHOWN ARE
TYPICAL OF TRADITIONAL
AND CONTEMPORARY DOORS



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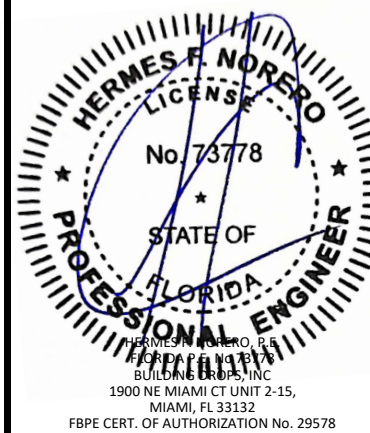
TITLE: A-SERIES HINGED
PATIO DOOR-INSWING
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(HVHZ)/(NON-IMPACT)
HORIZONTAL SECTION

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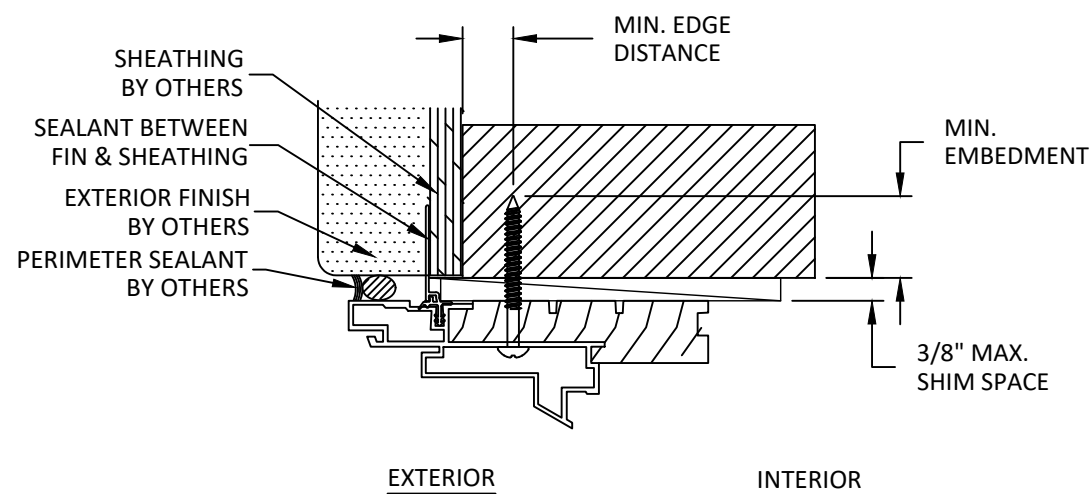
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DWG. #: **AWD130**

SHEET:

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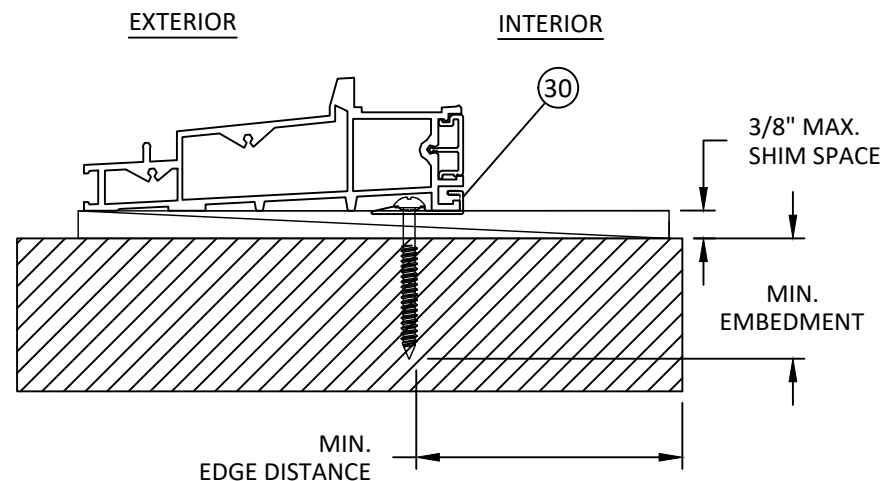
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A 13 VERTICAL SECTION

HEAD/JAMBS-THROUGH FRAME INSTALLATION

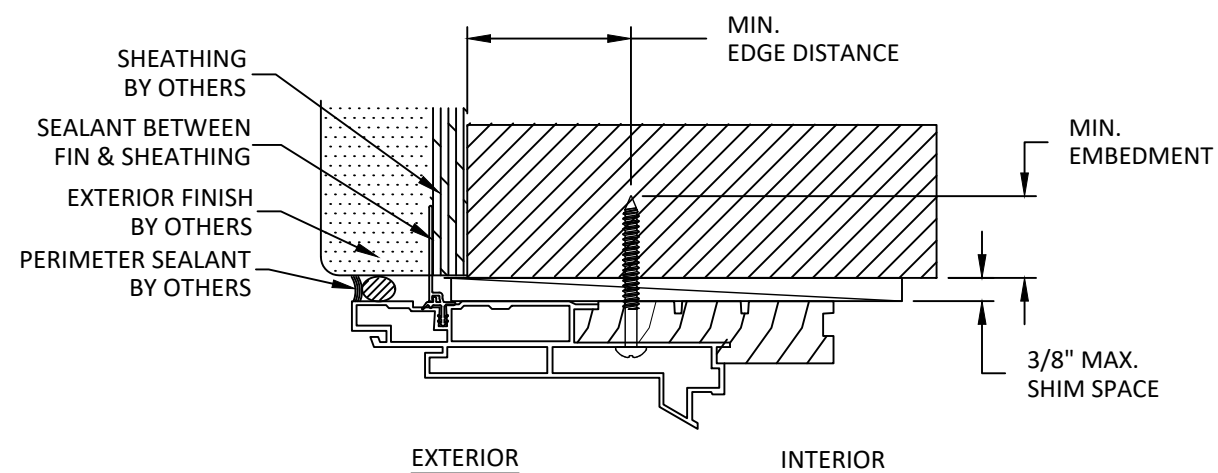
4 9/16" FRAME



VERTICAL SECTION SILL - THROUGH INSTALLATION CLIP 4 9/16" FRAME

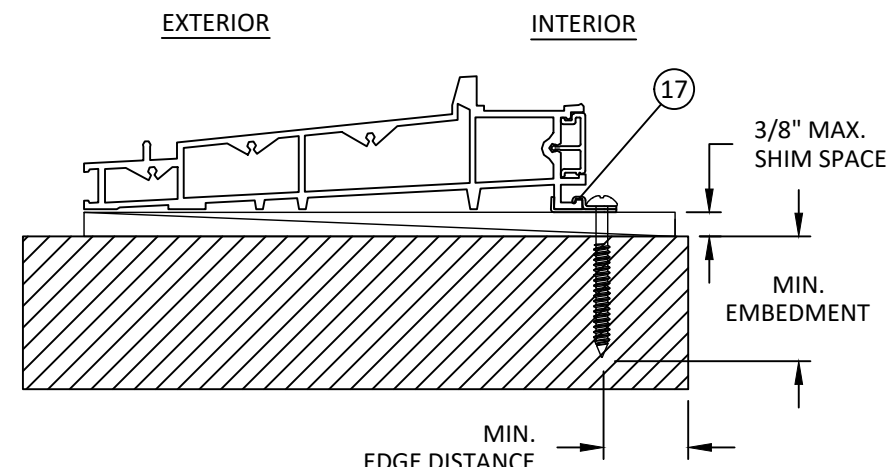
ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME INSTALLATION AT HEAD & JAMBS THROUGH INSTALLATION CLIP AT SILL	WOOD: MIN. SG = 0.55	#10 PAN HEAD WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	METAL: 1/8" ALUMINUM, MIN. (6063-T5)	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	CONCRETE: f'c=3000PSI	3/16" OR 1/4" ITW TAPCON FLAT HEAD	1.50"	2.125"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" OR 1/4" ITW TAPCON FLAT HEAD	1.25"	2.125"

*SEE SHEET 2 & 3 FOR MIN. EDGE DISTANCE ON THE STATIONARY UNITS



B 13 VERTICAL SECTION

HEAD/JAMBS-THROUGH FRAME INSTALLATION
6 9/16" FRAME



D 13 VERTICAL SECTION

SILL - THROUGH INSTALLATION CLIP
6 9/16" FRAME



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES HINGED
PATIO DOOR-INSWING
WITH PG UPGRADE
(HVHZ)(NON-IMPACT)

ANCHOR DETAILS AND ANCHOR SCHEDULE

☺

ING DROPS, IN

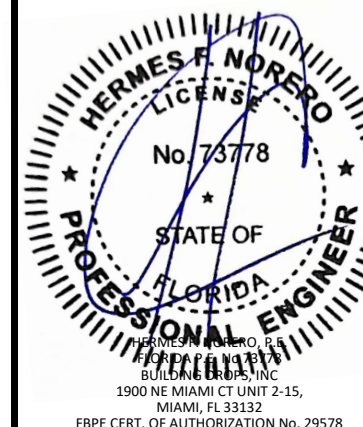
NE MIAMI CT UNIT 2-15,
MIAMI, FL 33132

PH: (954)399-8478
FAX: (954)744.4738



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.2.23
8TH FBC CODE CHANGE	SH	5.12.23
INSTALLATION UPD.	FB	12.9.23

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FL #:

FL14320

DATE: 07.23.19

DWG. BY: CL	CHK. BY: HFN
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SCALE: NTS

DWG. #: **AWD130**

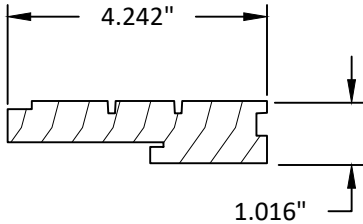
SHEET:

13

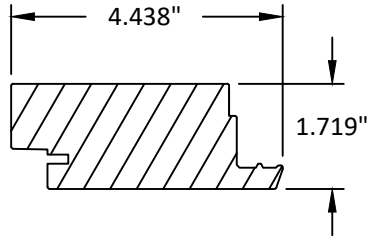
OF 15

BILL OF MATERIALS			
NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	FRAME HEAD/SIDE JAMB	WOOD	ANDERSEN
2	PANEL STILE	WOOD	ANDERSEN
3	PANEL TOP RAIL	WOOD	ANDERSEN
4	TRADITIONAL PANEL BOTTOM RAIL	WOOD	ANDERSEN
4A	CONTEMPORARY PANEL BOTTOM RAIL	WOOD	ANDERSEN
5	HEAD/JAMB CLADDING	FIBERGLASS	ANDERSEN
6	EXT. HEAD/JAMB CLADDING	FIBERGLASS	ANDERSEN
7	FRAME SILL	FIBERGLASS	ANDERSEN
8	EXT. FRAME SILL	FIBERGLASS	ANDERSEN
9	(NOT USED)	-	-
10	DROP CHANNEL	ALUMINUM 6063-T5	ANDERSEN
11	FLANGE	PVC	ANDERSEN
12	HINGE	STEEL	ANDERSEN
13	TRADITIONAL GLAZING STOP	WOOD	ANDERSEN
13A	CONTEMPORARY GLAZING STOP	WOOD	ANDERSEN
14	WEATHERSTRIPPING	SANTOPRENE	ANDERSEN
15	BOTTOM RAIL CLADDING	ALUMINUM 6063-T5	ANDERSEN
16	SILL COVER	PVC	ANDERSEN
17	SILL BRACKET	STAINLESS STEEL	ANDERSEN
18	3 PT. LOCK SYSTEM	STEEL	ANDERSEN
19	5 PT. LOCK SYSTEM	STEEL	ANDERSEN
20	PASSIVE LOCK SYSTEM	STEEL	ANDERSEN
21	HANDLE	-	ANDERSEN
22	WEATHERSTRIPPING (HEAD)	PVC	ANDERSEN
23	2 PC. ASTRAGAL	FIBERGLASS	ANDERSEN
24	2 PC. ASTRAGAL TRIM	FIBERGLASS	ANDERSEN
25	GLAZING STOP 1" I.G.	WOOD	ANDERSEN
25A	CONTEMPORARY GLAZING STOP 1" I.G.	WOOD	ANDERSEN
26	PANELSTOP	WOOD	ANDERSEN
27	4 PT LOCK SYSTEM	STEEL	ANDERSEN
28	6 PT. LOCK SYSTEM	STEEL	ANDERSEN
29	PASSIVE LOCK SYSTEM	STEEL	ANDERSEN
30	REMODEL CLIP	STEEL	ANDERSEN

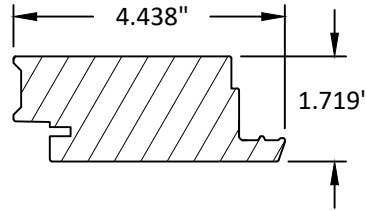
1 FRAME HEAD/SIDE JAMB
WOOD



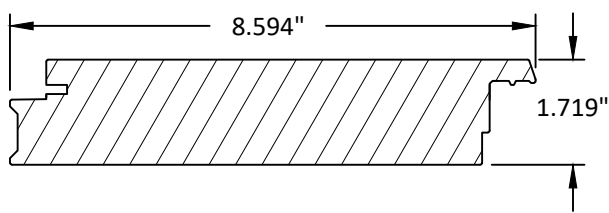
2 PANEL STILE
WOOD



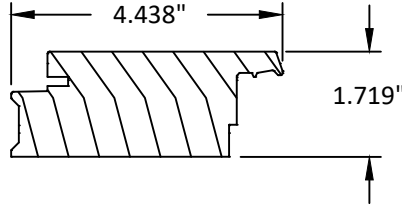
3 PANEL TOP RAIL
WOOD



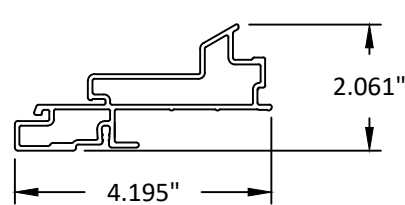
4 TRADITIONAL PANEL BOTTOM RAIL
WOOD



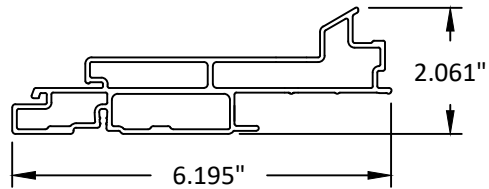
4A CONTEMPORARY PANEL BOTTOM RAIL
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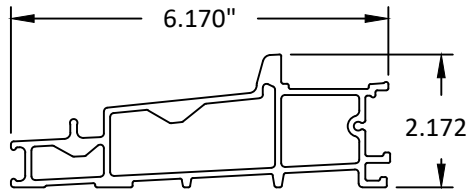
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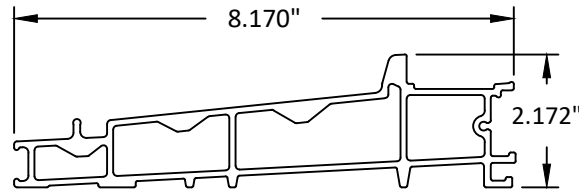
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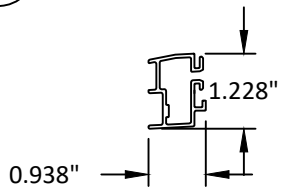
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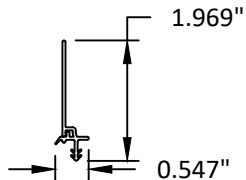
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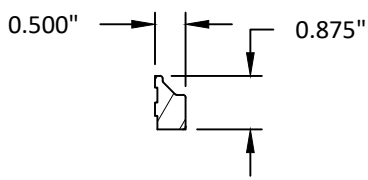
10 DROP CHANNEL
ALUMINUM 6063-T5



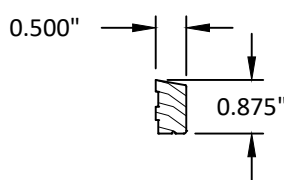
11 FLANGE
PVC
TYP. WALL THICKNESS 0.05\"/>



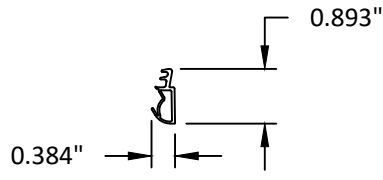
13 TRADITIONAL GLAZING STOP
WOOD



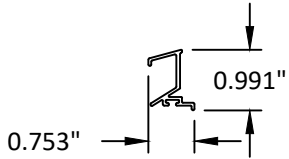
13A CONTEMPORARY GLAZING STOP
WOOD



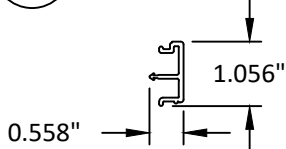
14 WEATHERSTRIPPING
SANTOPRENE (DUROMETER: 70)
TYP. WALL THICKNESS 0.047\"/>



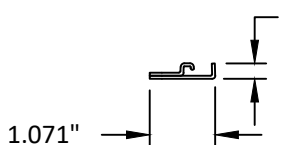
15 BOTTOM RAIL CLADDING
ALUMINUM 6063-T5



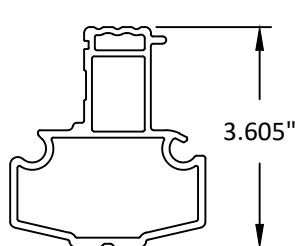
16 SILL COVER
PVC



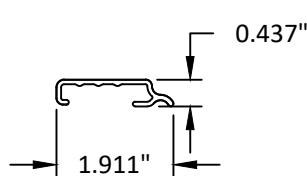
17 SILL BRACKET
STAINLESS STEEL
TYP. WALL THICKNESS 0.05\"/>



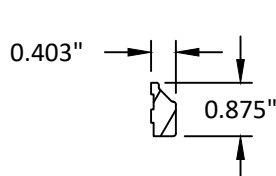
23 2 PC. ASTRAGAL
FIBERGLASS
TYP. WALL THICKNESS 0.100\"/>



24 2 PC. ASTRAGAL TRIM
FIBERGLASS
TYP. WALL THICKNESS 0.075\"/>



25 GLAZING STOP 1\"/>



SEE ADDITIONAL DETAIL, SHEET 13



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES HINGED
PATIO DOOR-INSWING
WITH PG UPGRADE
(HVHZ)(NON-IMPACT)

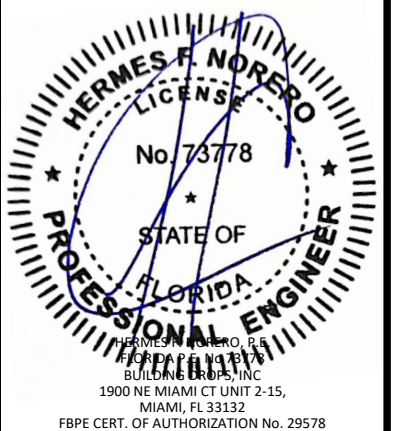
BILL OF MATERIALS & COMPONENTS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT UNIT 2-15,
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.2.23
8TH FBC CODE CHANGE	SH	5.12.23
INSTALLATION UPD.	FB	12.9.23

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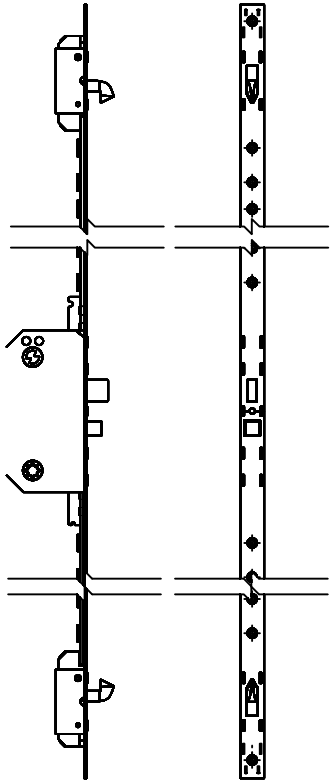


FL #:	FL14320
DATE:	07.23.19
DWG. BY:	CL
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD130
SHEET:	14

c:\users\franciscobriceno\building drops, inc\building drops landing - common\projects\andersen windows\fbc-24-1112.1 - fbc submittal - fl14320 a-series os is patio doors.dwg; fl14320\awd130.dwg 12/12/2024 3:51 PM

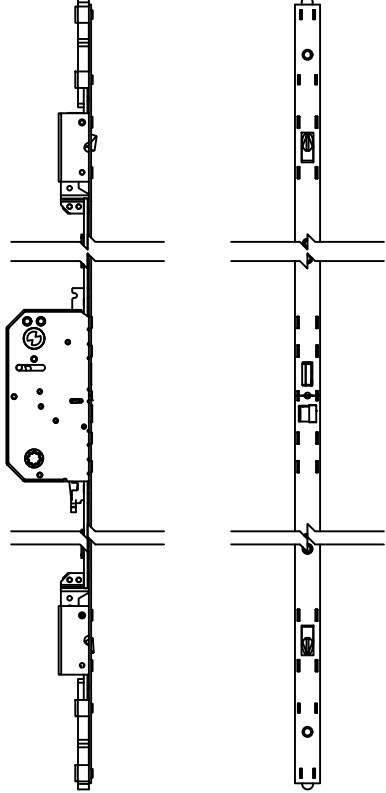
18

ACTIVE SINGLE DOOR (8' OR LESS)
3 PT. LOCK SYSTEM
STEEL



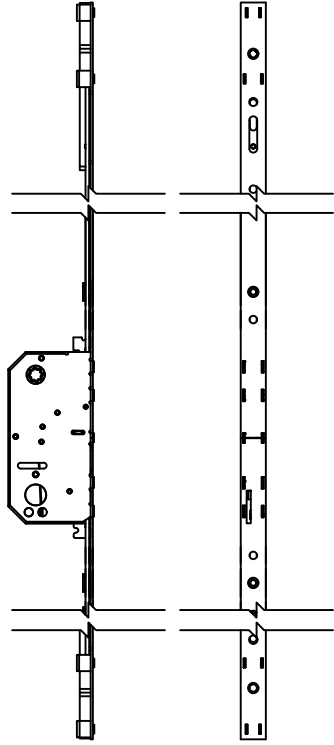
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ACTIVE DOUBLE DOOR (8' OR LESS)
5 PT. LOCK SYSTEM
STEEL



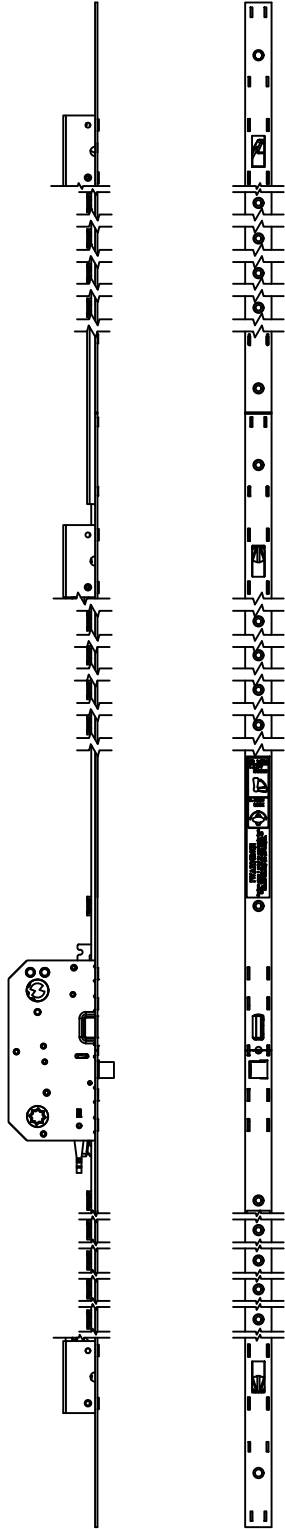
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PASSIVE DOUBLE DOOR (8' OR LESS)
PASSIVE LOCK SYSTEM
STEEL



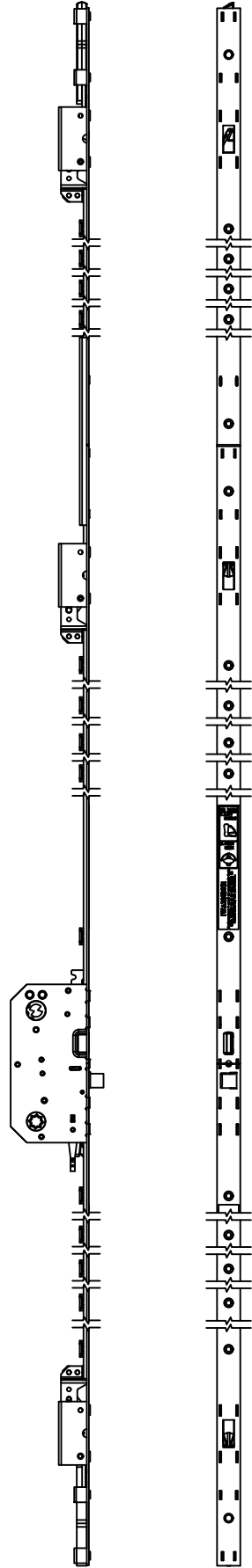
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ACTIVE SINGLE DOOR (ABOVE 8')
4 PT. LOCK SYSTEM
STEEL



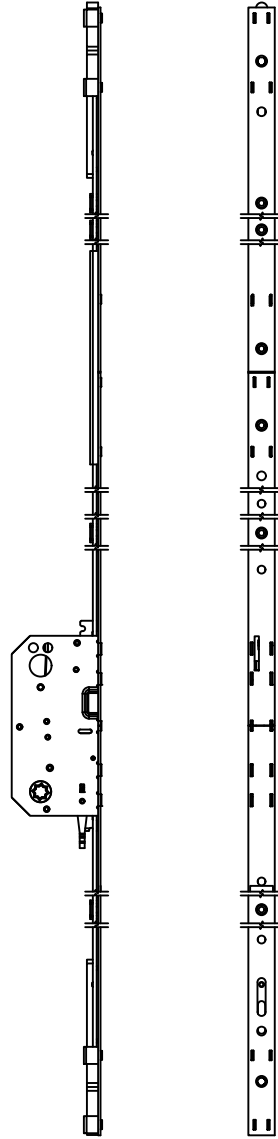
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ACTIVE DOUBLE DOOR (ABOVE 8')
6 PT. LOCK SYSTEM
STEEL



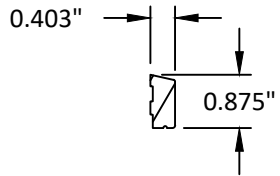
29

PASSIVE DOUBLE DOOR (ABOVE 8')
PASSIVE LOCK SYSTEM
STEEL



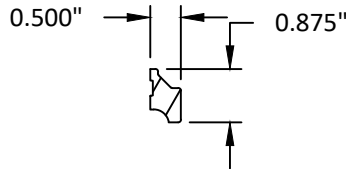
25A

CONTEMPORARY GLAZING STOP 1" I.G.
WOOD



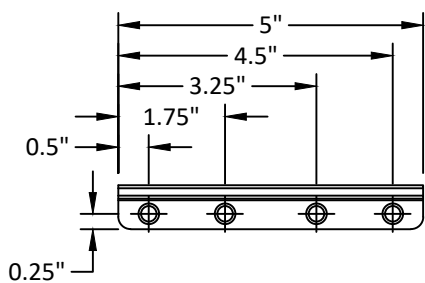
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PANEL STOP
WOOD



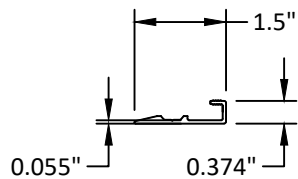
17

SILL BRACKET
STAINLESS STEEL
TYP. WALL THICKNESS 0.05"



30

REMODEL CLIP
STEEL - CONTINUOUS



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES HINGED
PATIO DOOR-INSWING
WITH PG UPGRADE
(HVHZ)(NON-IMPACT)
COMPONENTS & LOCK DETAILS

PREPARED BY:

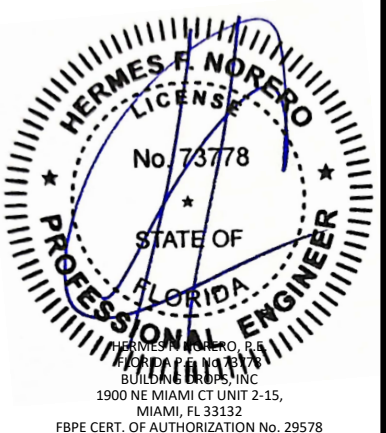
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