

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE NOTED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. THROUGH FRAME: FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. THROUGH FRAME: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4" DIAMETER ITW TAPCONS, ELCO ULTRACONS, ELCO CRETE-FLEX OR HILTI KWIK-CON II OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4" MINIMUM EMBEDMENT.
7. THROUGH FRAME: FOR INSTALLATION INTO METAL STUD OR APPROVED MULLION USE #12 GR. 5 SELF TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
8. CLIPS SHALL BE FASTENED TO THE WINDOW FRAME WITH (2) #10 X 5/8" SCREWS. CLIPS ARE 20 GAUGE (0.0281" THICKNESS) F'y=33 KSI MIN STEEL WITH OVERALL DIMENSIONS OF 1.5" WIDE, 6.914" ALONG THE LONG LEG, AND 1.269" ALONG THE SHORT LEG.
9. CLIP ANCHOR: FOR INSTALLATION INTO METAL STUD USE (2) #10 GR. 5 SELF-TAPPING SCREWS PER CLIP OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND THE METAL STRUCTURE.
10. CLIP ANCHOR: FOR INSTALLATION INTO WOOD FRAMING USE (2) #10 WOOD SCREWS PER CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
11. NAIL FIN: FOR INSTALLATION INTO WOOD FRAMING USE #8 WOOD SCREWS OR USE 10D COMMON NAIL OR 11 GAUGE ROOFING NAIL PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
12. NAIL FIN: FOR INSTALLATION INTO METAL STUD OR APPROVED MULLION USE #8 GR. 5 SELF TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
13. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
14. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
15. 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.
16. 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.

WINDSOR WINDOWS & DOORS

NEXT DIMENSION CLASSIC/SIGNATURE SLIDING DOOR (NON-HVHZ)(NON-IMPACT)

INSTALLATION NOTES CONTINUED:

17. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. GROUT FILLED CMU - STRENGTH CONFORMANCE TO ASTM C90 MIN 2000 PSI.

D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

AAMA/WDMA/CSA 101/I.S.2/A440-11/17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL:

6.1. VYNIL
7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM COMPONENTS SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

A: OPERABLE PANEL

O: STATIONARY PANEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATIONS & ANCHOR LAYOUTS
3	ELEVATIONS & ANCHOR LAYOUTS
4	VERTICAL SECTION
5	HORIZONTAL SECTION
6	GLAZING DETAIL

DESIGN PRESSURE TABLE					
TYP. OVERALL SIZE		DESIGN PRESSURE	CONFIGURATION	PANEL TYPE	MISSILE IMPACT RATING
WIDTH	HEIGHT				
71.50"	81.50"	+50/-50 PSF	OX	FRENCH	NON-IMPACT
95.50"	95.50"	+30/-30 PSF	OX		
47.50"	95.50"	+40/-40 PSF	OX		



WINDSOR WINDOWS & DOORS

900 S. 19TH STREET.  
WEST DES MOINES, IA 50265  
PH: (515)223-6660 FAX: (515)224-1938

TITLE: NEXT DIMENSION CLASSIC/SIGNATURE SLIDING DOOR (NON-HVHZ)(NON-IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

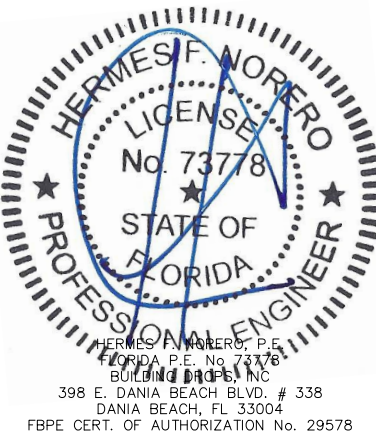
BUILDING DROPS, INC.

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DANIA BEACH, FL 33004  
PH: (954)399-8478  
FAX: (954)744-4738  
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REMARKS	BY	DATE

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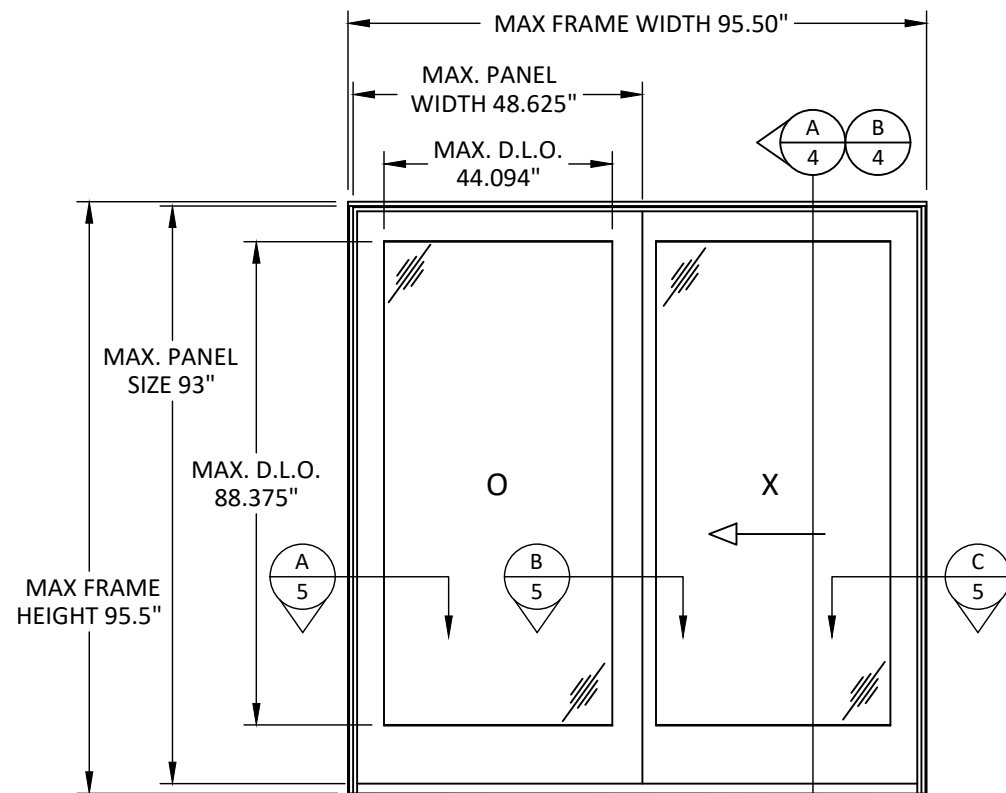
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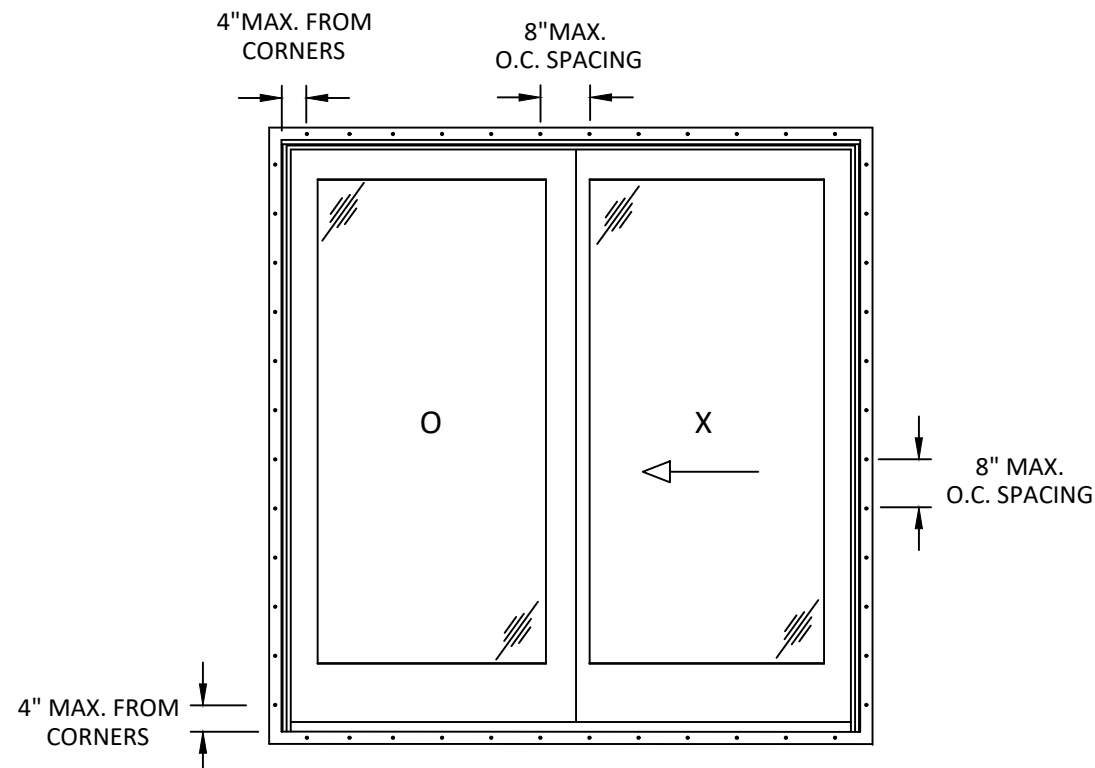
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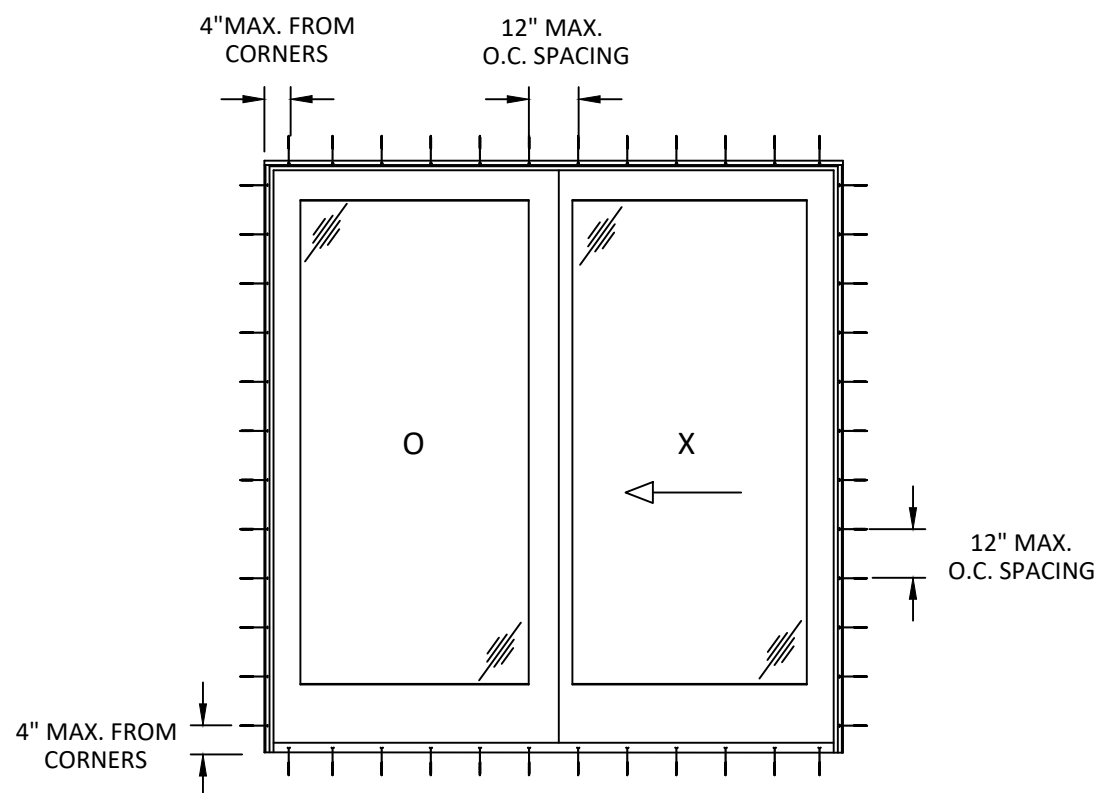
OF 6



**TYPICAL ELEVATION**  
NEXT DIMENSION SIGNATURE SLIDING PATIO DOOR



**ANCHOR LAYOUT**  
NAIL FIN INSTALLATION



**ANCHOR LAYOUT**  
THRU FRAME INSTALLATION  
OR CLIP INSTALLATION

NOTE:  
ALL INSTALLATION OPTIONS USE THRU  
FRAME INSTALLATION METHOD AT SILL



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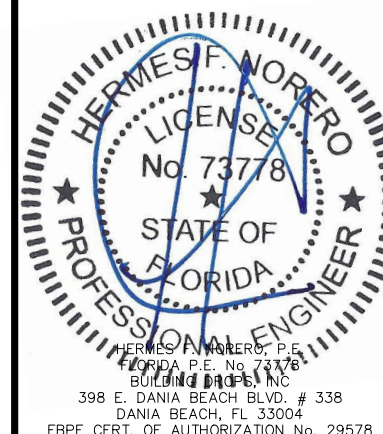
ELEVATIONS & ANCHOR LAYOUTS

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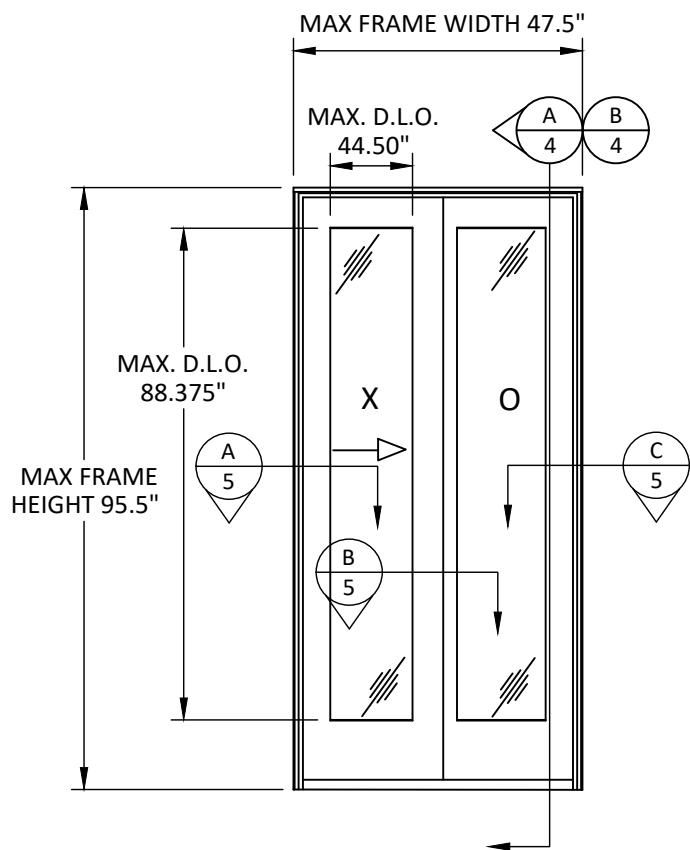
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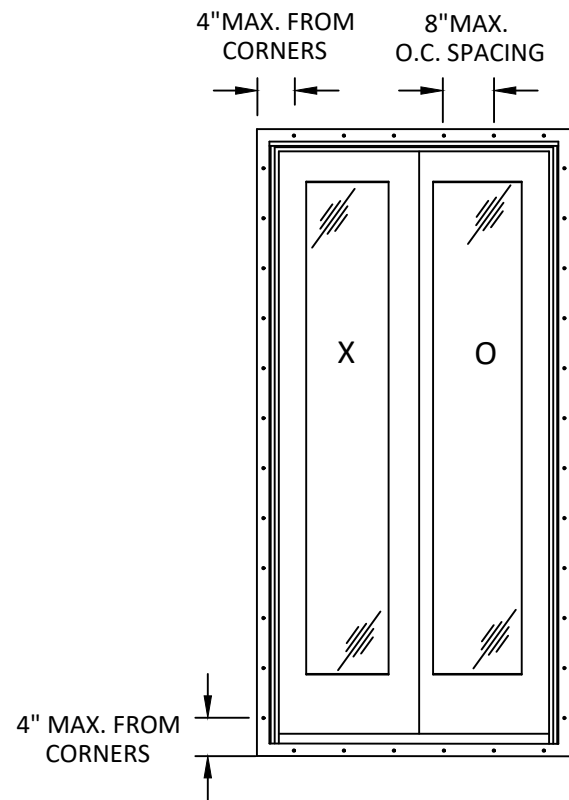
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**2**  
OF 6



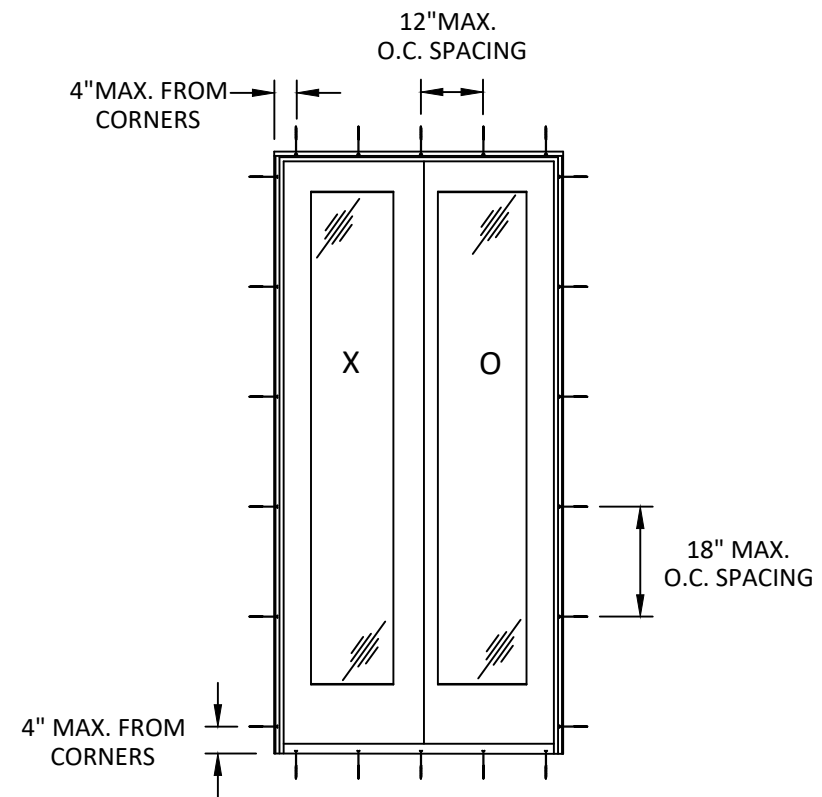
### TYPICAL ELEVATION

NEXT DIMENSION SIGNATURE SLIDING PATIO DOOR



### ANCHOR LAYOUT

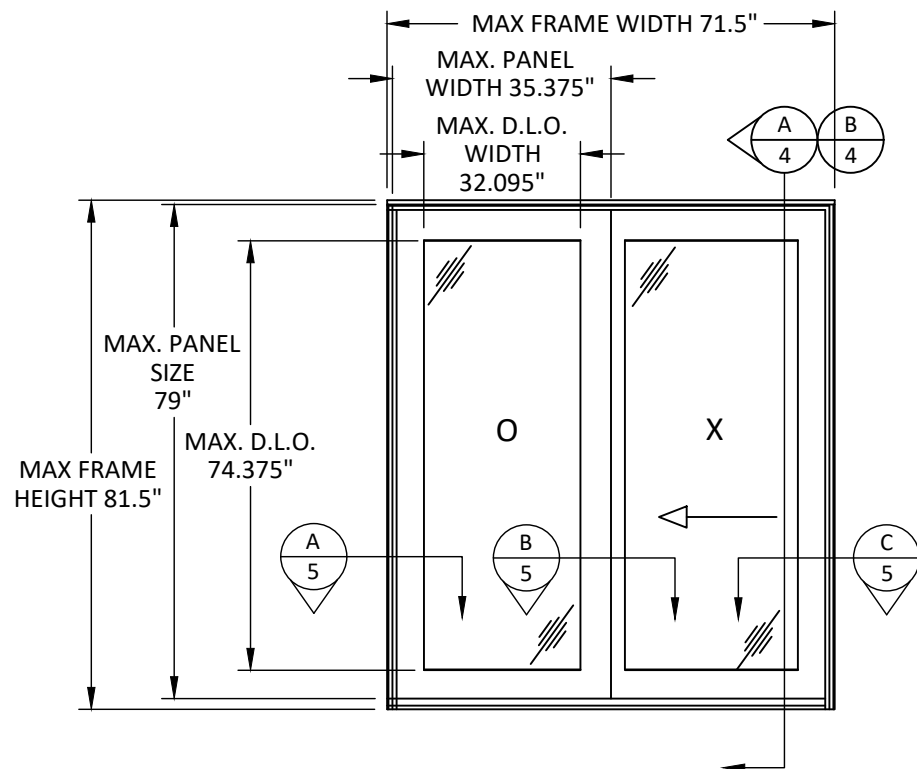
NAIL FIN INSTALLATION



### ANCHOR LAYOUT

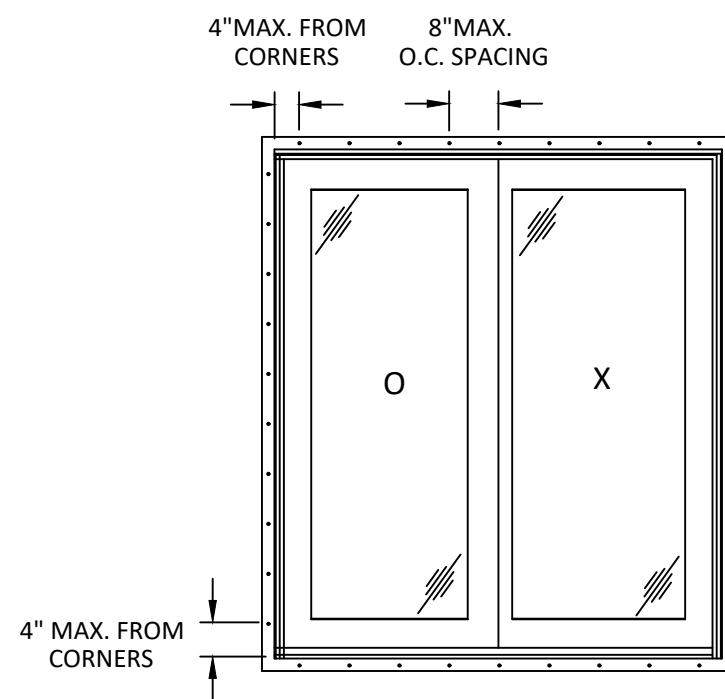
THROUGH FRAME OR CLIP INSTALLATION

NOTE:  
ALL INSTALLATION  
OPTIONS USE THRU  
FRAME INSTALLATION  
METHOD AT SILL



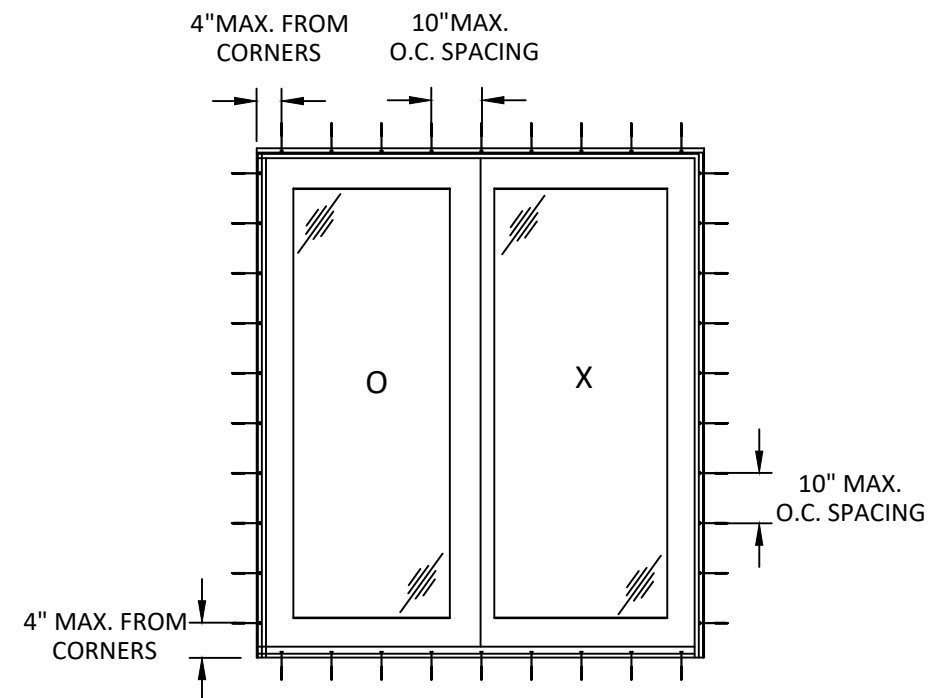
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### ANCHOR LAYOUT

NAIL FIN INSTALLATION



### ANCHOR LAYOUT

THROUGH FRAME OR CLIP INSTALLATION



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ELEVATIONS & ANCHOR LAYOUTS

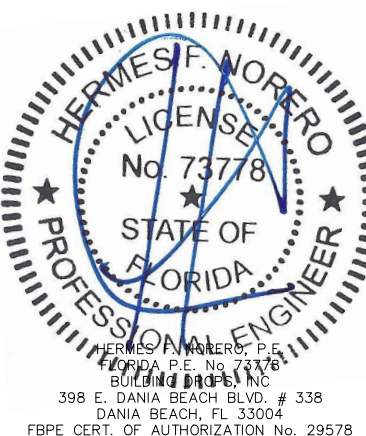
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SHEET:

**3**

OF 6



TITLE: NEXT DIMENSION  
CLASSIC/SIGNATURE SLIDING DOOR  
(NON-HVHZ)(NON-IMPACT)

VERTICAL SECTIONS

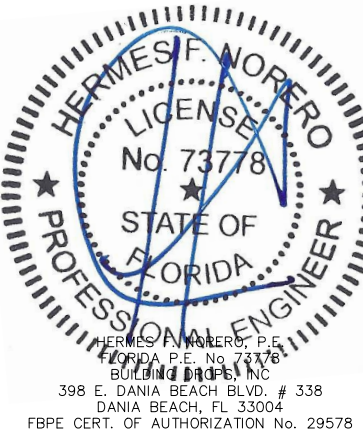
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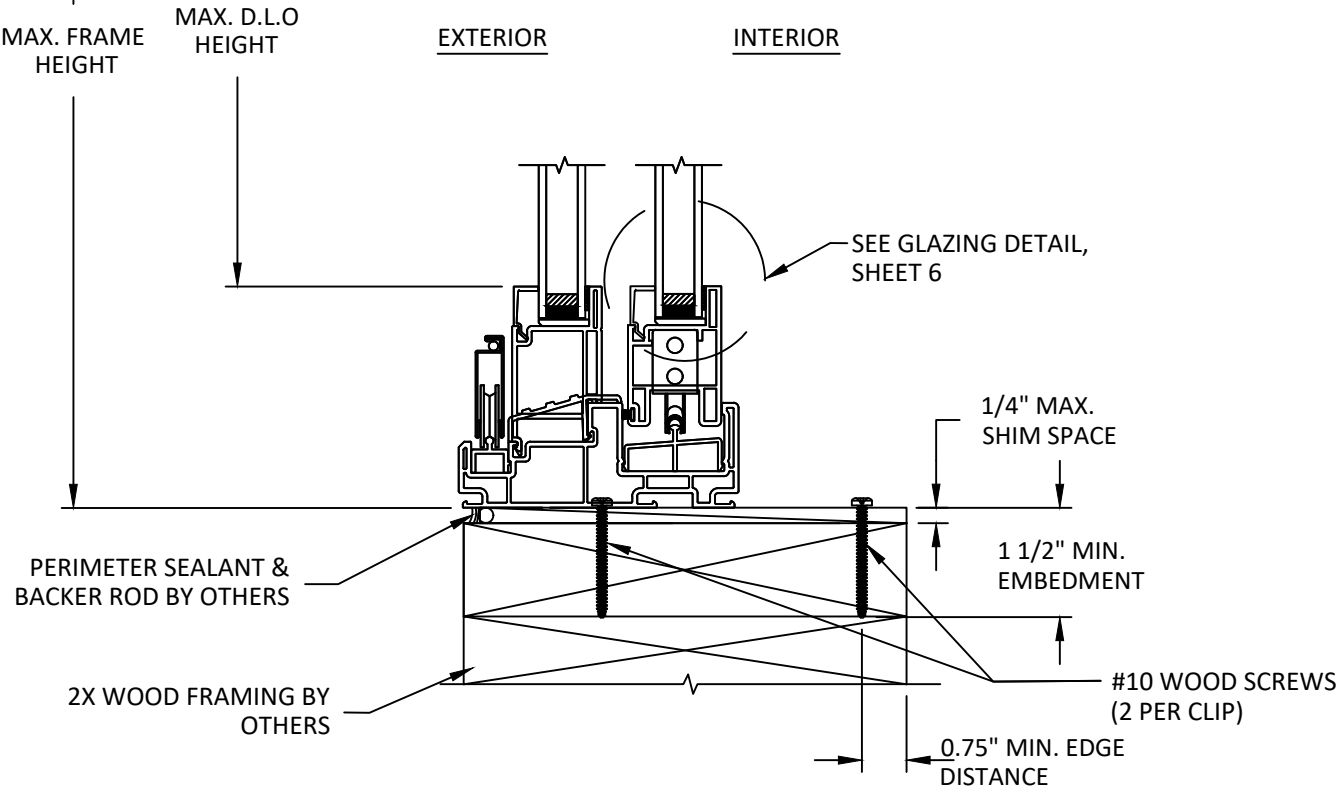
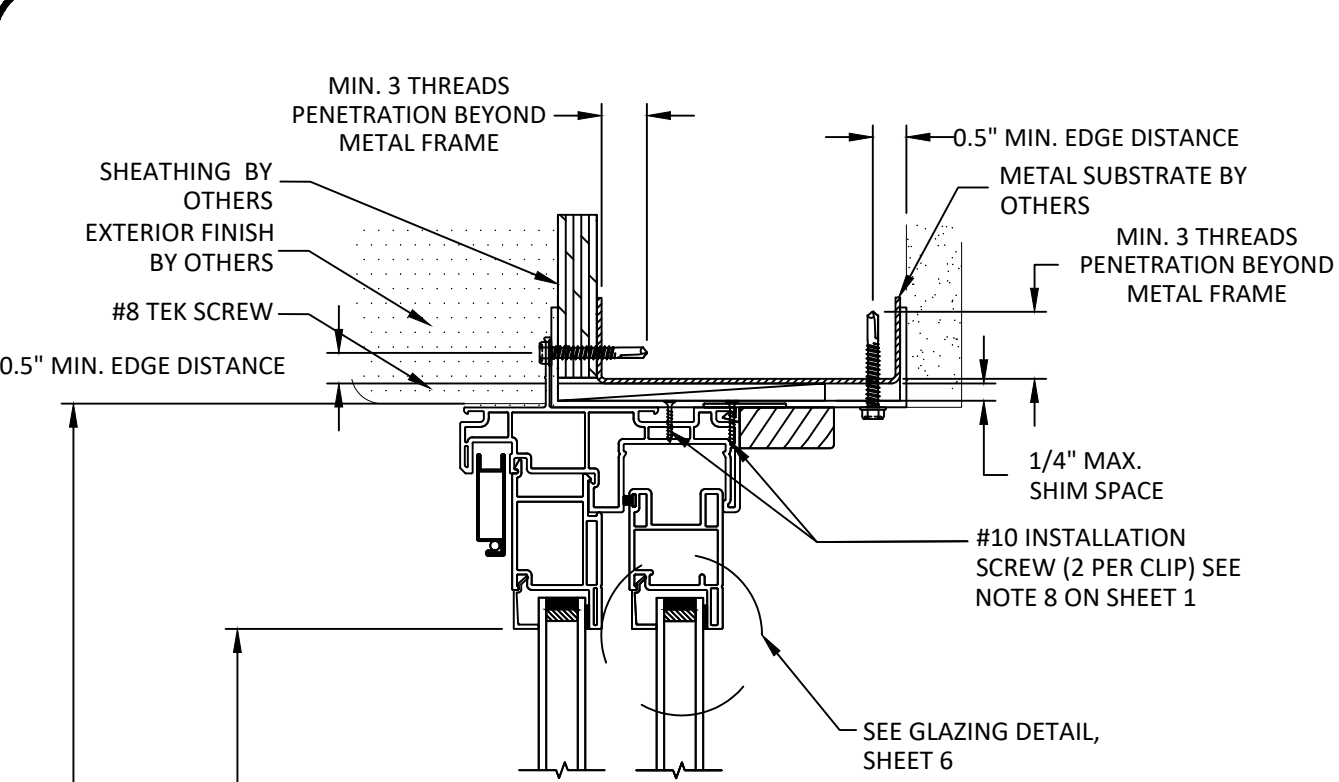
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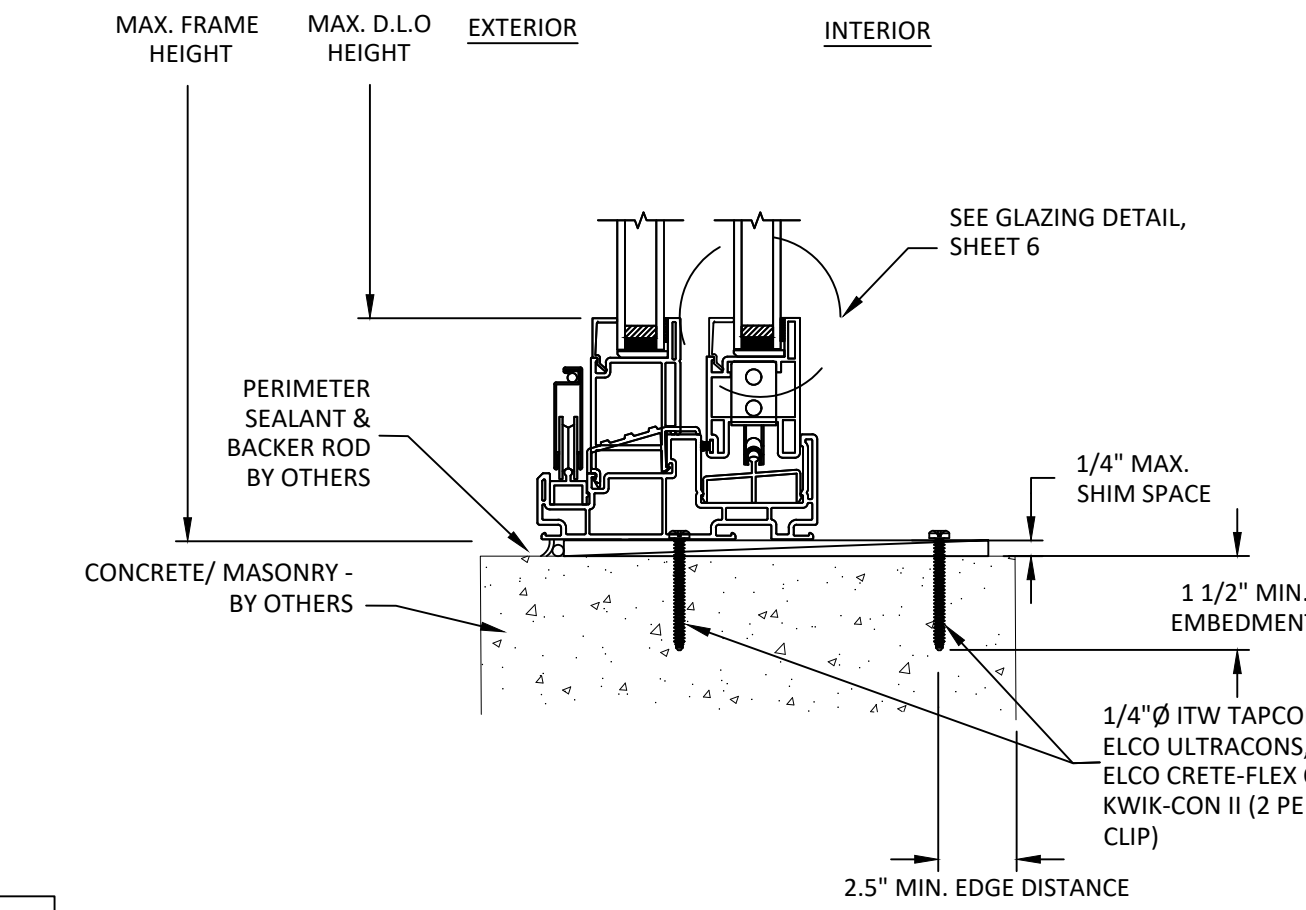
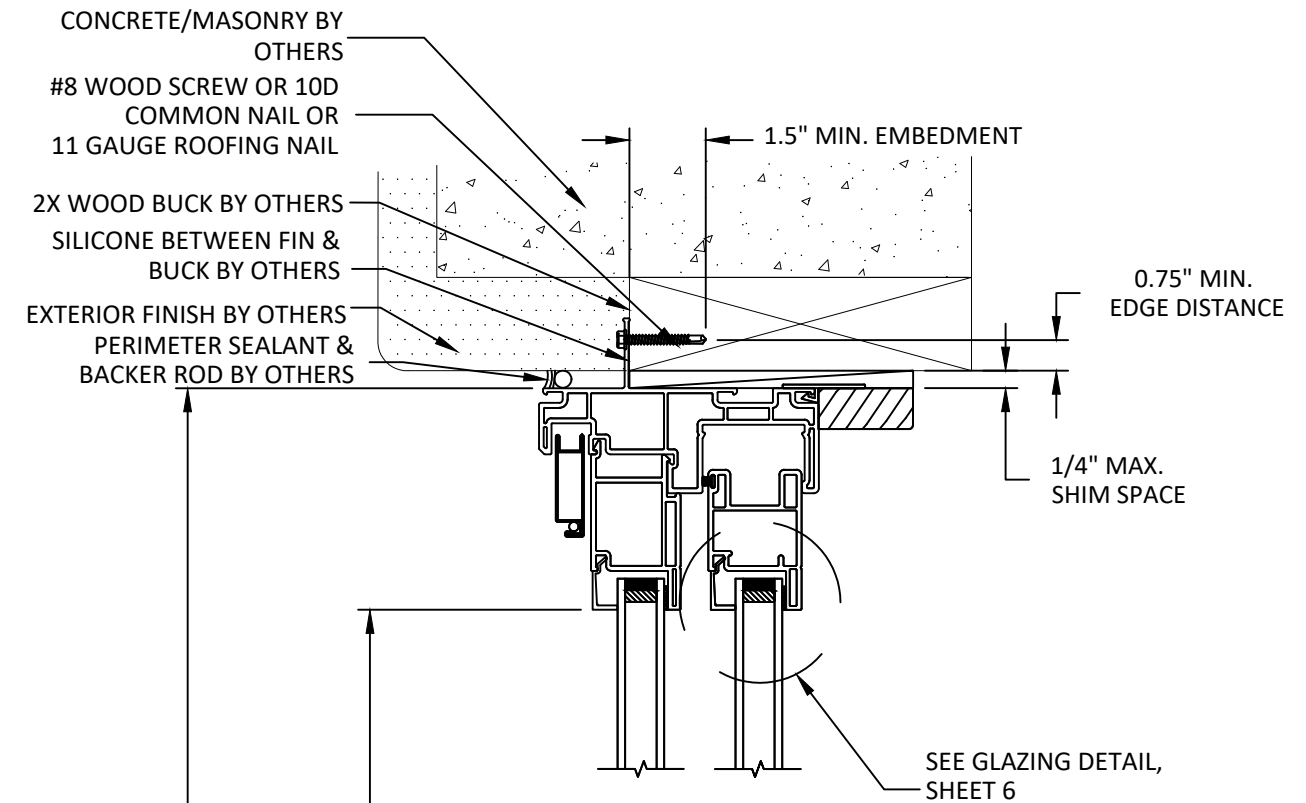
**4**

OF 6



**A**  
**4** **VERTICAL SECTION**  
FRENCH SLIDING PATIO DOOR

NOTE:  
FOR ALTERNATE ANCHOR  
OPTIONS SEE  
INSTALLATION NOTES  
5-10 ON SHEET 1



**B**  
**4** **VERTICAL SECTION**  
SLIDING PATIO DOOR

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HORIZONTAL SECTIONS

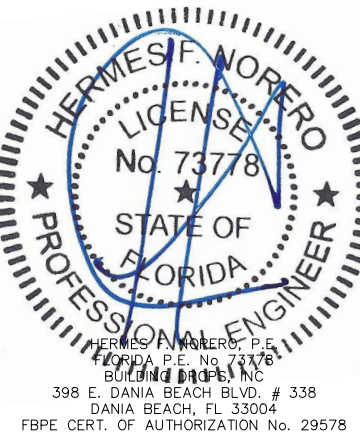
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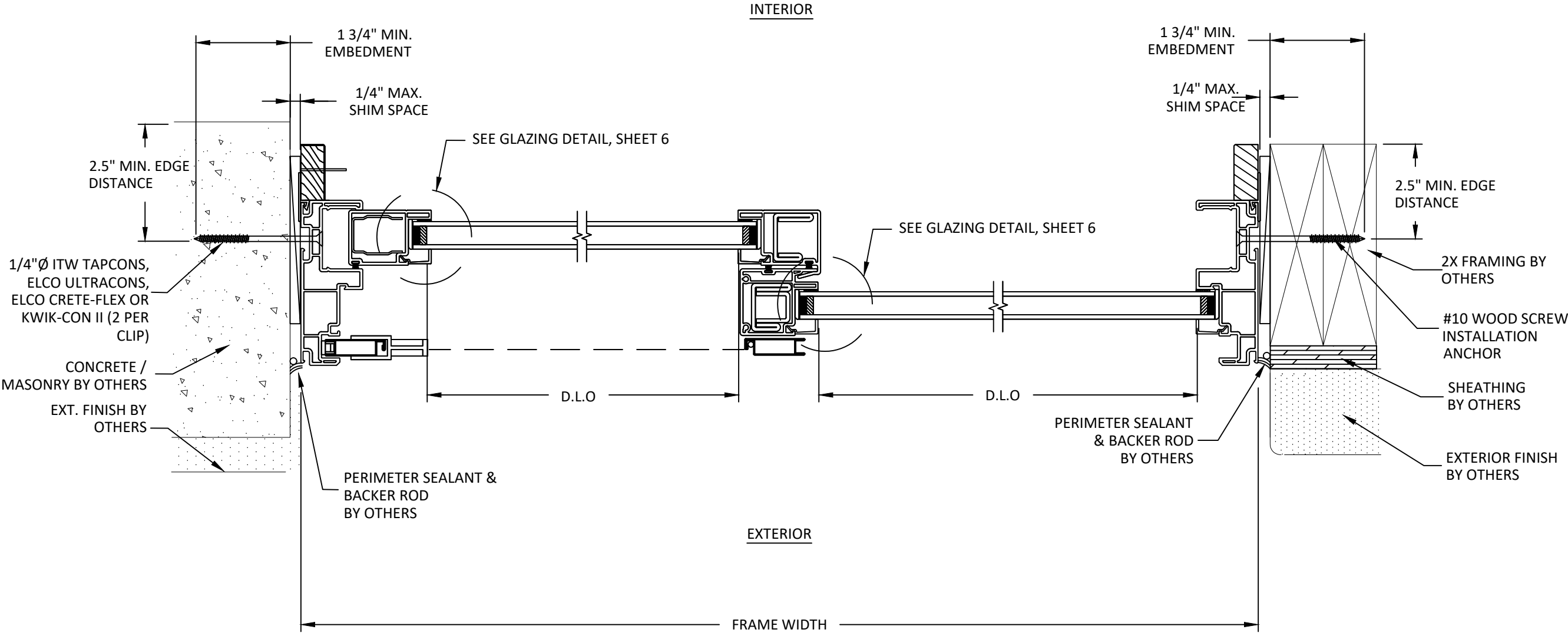
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**5**

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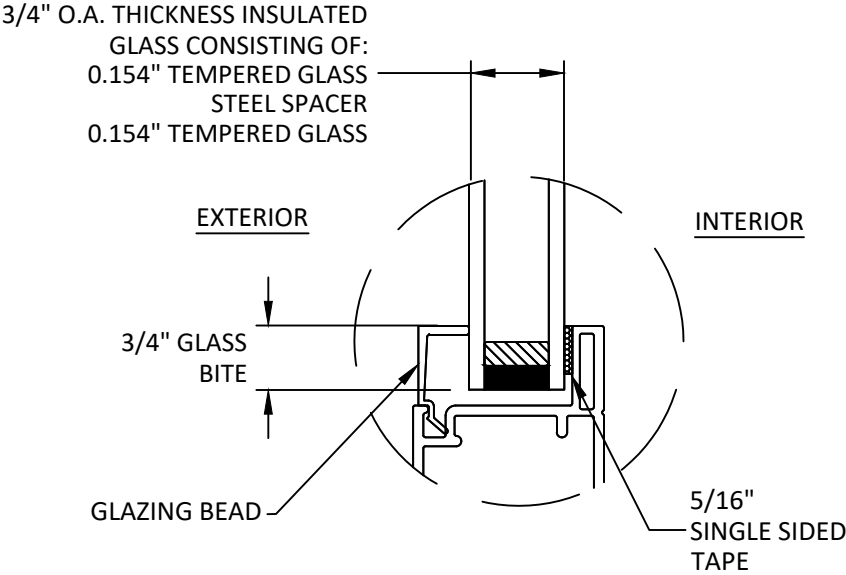


**A** **HORIZONTAL SECTION**  
5 SLIDING PATIO DOOR  
JAMB - THRU FRAME INSTALLATION

**B** **HORIZONTAL SECTION**  
5 SLIDING PATIO DOOR  
ASTRAGAL

**C** **HORIZONTAL SECTION**  
5 SLIDING PATIO DOOR  
JAMB - THRU FRAME INSTALLATION

NOTE:  
FOR ALTERNATE ANCHOR  
OPTIONS SEE  
INSTALLATION NOTES  
5-10 ON SHEET 1



**GLAZING DETAIL**

**GLAZING NOTES:**

1. GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE IBC/IRC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A).
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36".
4. DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLE ON SHEET 1.



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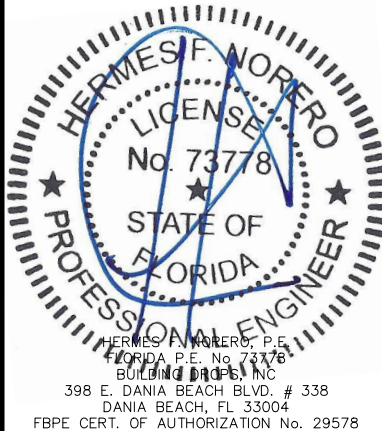
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SHEET:

**6**

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