

RESIVER PATIO DOOR

NON-IMPACT R-301 VINYL SLIDING GLASS DOOR

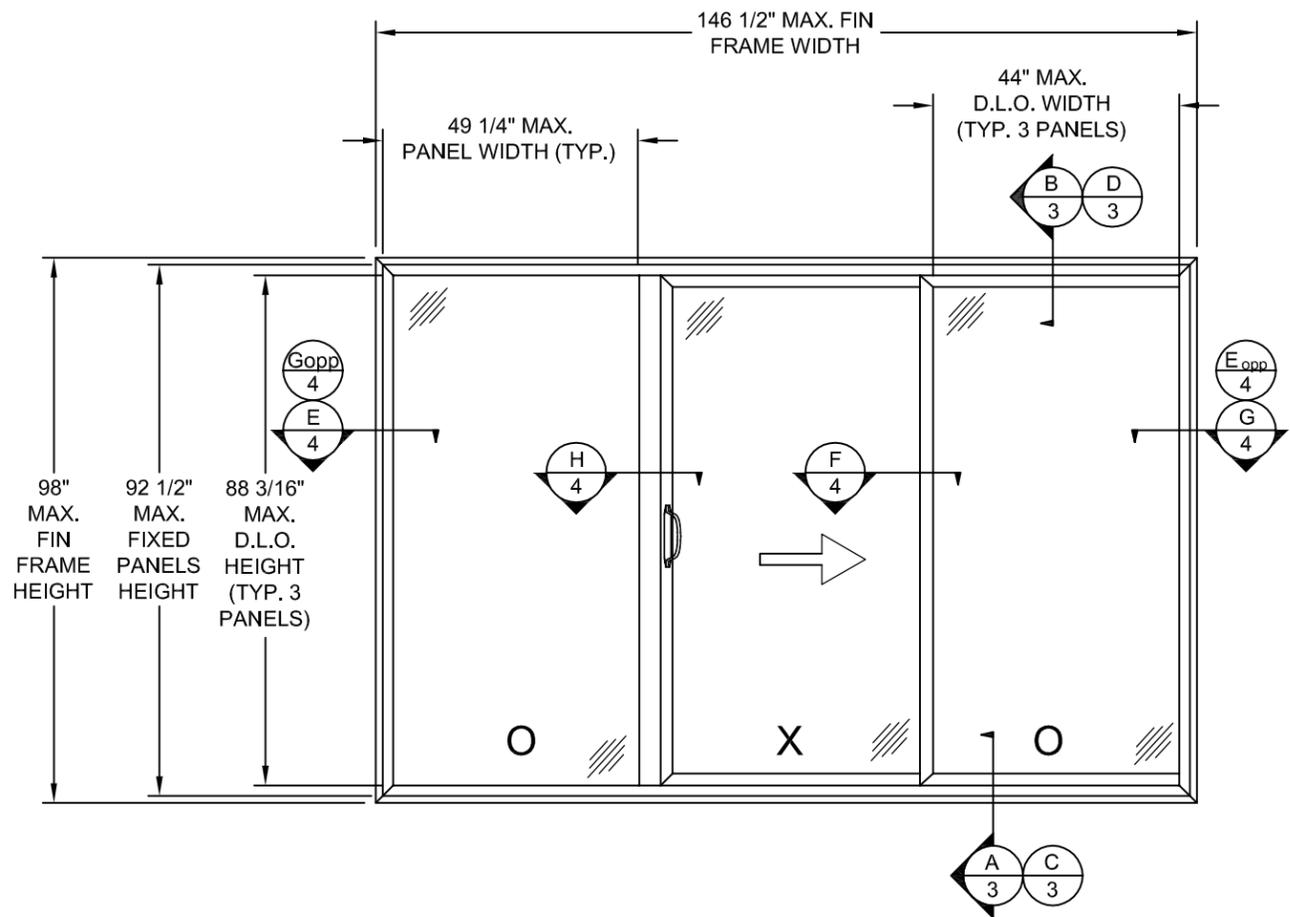
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2006 EDITIONS OF THE INTERNATIONAL BUILDING CODE (I.B.C.) AND INTERNATIONAL RESIDENTIAL CODE (I.R.C.) WITH THE 2006 TEXAS REVISIONS, EFFECTIVE JANUARY 1, 2008. THE PRODUCT HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S. 2/A440-05.
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 STRUCTURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
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 ARCHITECT OR ENGINEER OF RECORD.
4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED.
5. DOOR FRAME AND PANEL MATERIAL: VINYL.
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e01.
7. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #10 PAN HEAD WOOD SCREWS OR TAPPING SCREWS (SHOWN) OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCHES.
5. FOR INSTALLATION INTO CONCRETE / MASONRY, USE 3/16" HEX HEAD ITW ADVANCED THREADFORM TECHNOLOGY TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 INCH MINIMUM EMBEDMENT INTO MASONRY / CMU AND 1 1/2 INCH INTO CONCRETE. MINIMUM EDGE DISTANCE IS 2 INCHES INTO MASONRY / CMU AND 1-1/8 INCH INTO CONCRETE.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
7. FOR CONCRETE 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.
8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD - PRESSURE TREATED (PT) WITH A MINIMUM SPECIFIC GRAVITY OF 0.42.
 - B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 2000 psi AND COMPLIES WITH ACI 301.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT DENSITY > 117 PCF.



ELEVATION
EXTERIOR VIEW

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MAXIMUM UNIT DIMENSIONS, REINFORCEMENT AND GLAZING	DESIGN PRESSURE RATING (PSF)		IMPACT RATING
	WHERE OPTIONAL SILL TOWER IS USED	WHERE OPTIONAL SILL TOWER IS NOT USED	
144" X 96" OXO, B REINFORCEMENT, 1/16" GLAZING TAPE	±25.0	±25.0	NON-IMPACT
144" X 96" OXO, C REINFORCEMENT, 1/16" GLAZING TAPE	±40.0	±40.0	
144" X 96" OXO, C REINFORCEMENT, SIKA 521 GLAZING SEALANT	±45.0	±45.0	
144" X 96" OXO, C REINFORCEMENT, SIKA 521 GLAZING SEALANT, SILL TOWER	±50.0	N/A	

PROJECT #411-0706.1B

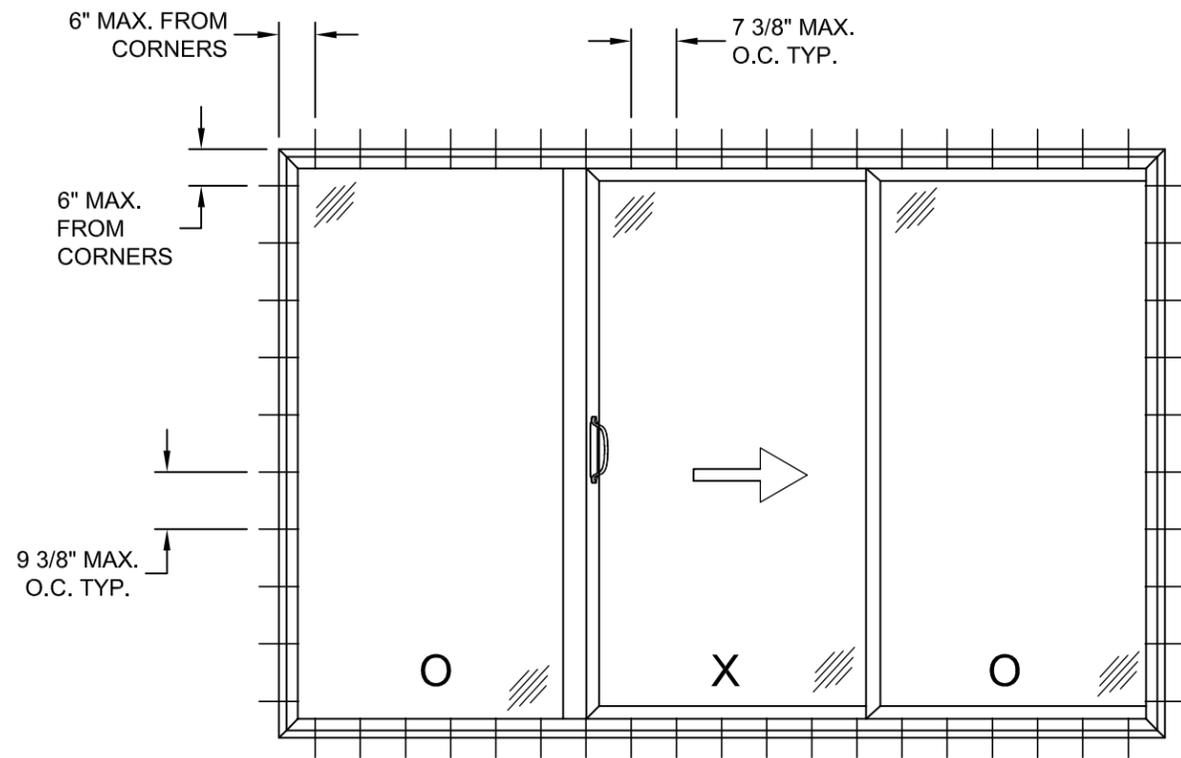
RESIVER PATIO DOOR
100, 181E RUE
BEAUCEVILLE, QUEBEC G5X 2T1

TITLE: NON-IMPACT SERIES R-301 VINYL SLIDING GLASS DOOR
GENERAL AND INSTALLATION NOTES

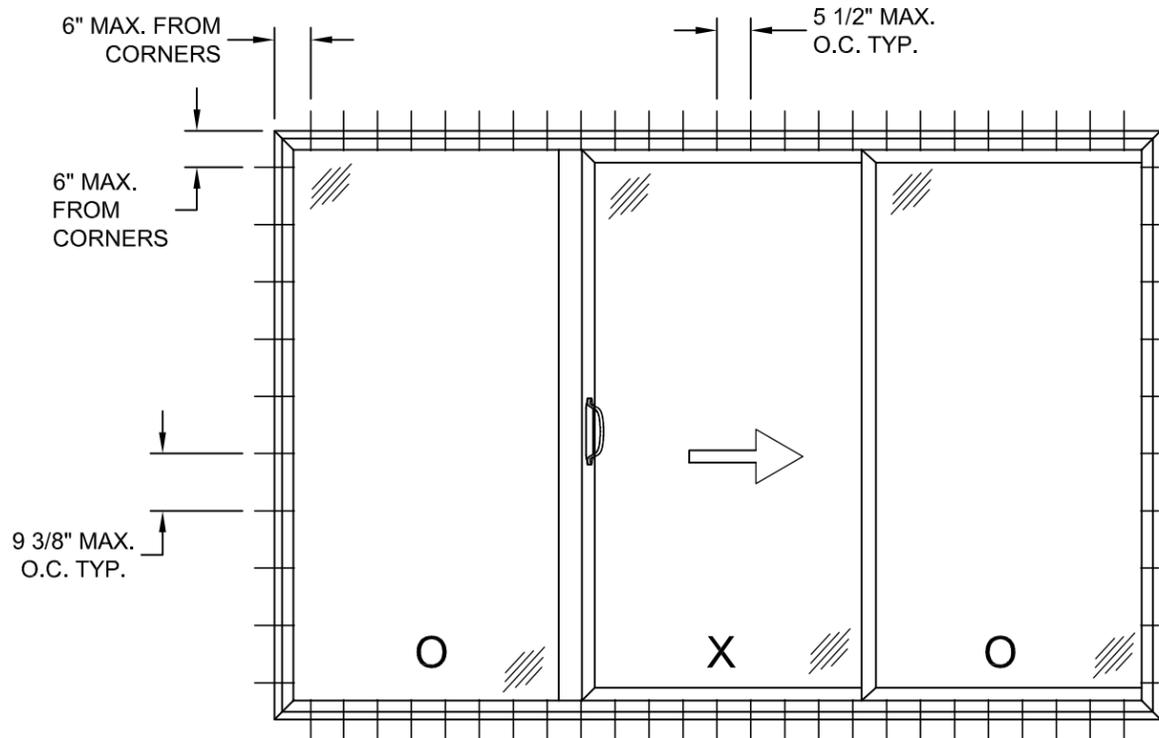
DRAWN BY: T.J.H. DATE: 07/11/12
SCALE: N.T.S. DRAWING NO: RES1013
REV: - SHEET: 1 OF 4

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ANCHOR LAYOUT
EXTERIOR VIEW
CONCRETE SCREW INSTALLATION



ANCHOR LAYOUT
EXTERIOR VIEW
WOOD SCREW INSTALLATION

PROJECT #411-0706.1B

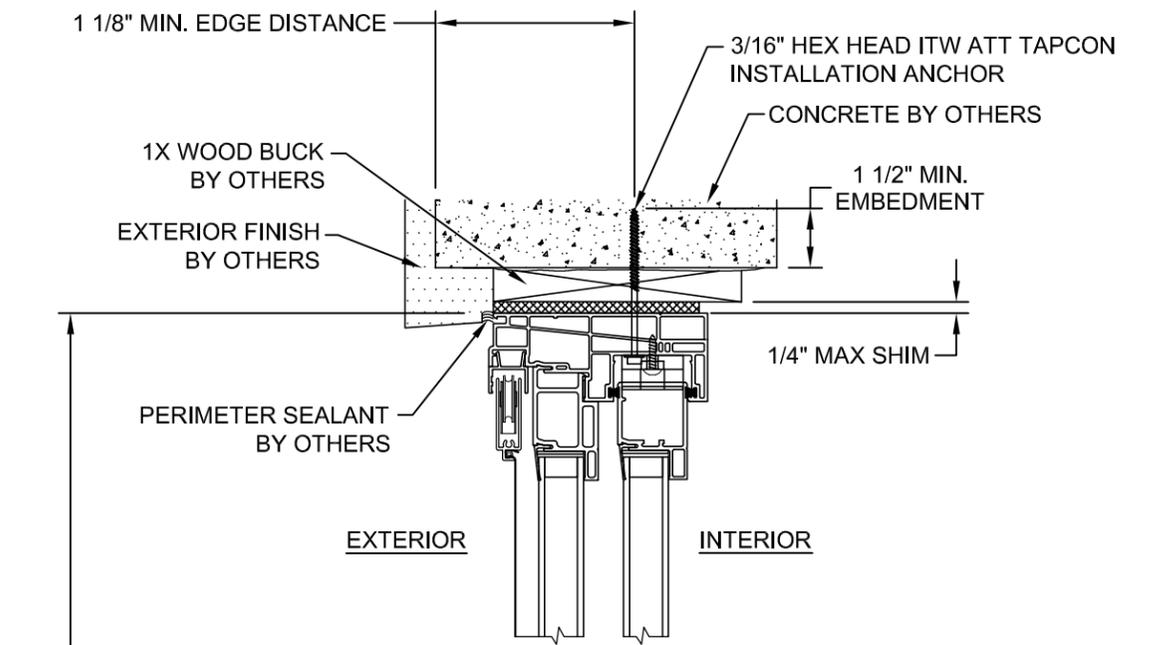
RESIVER PATIO DOOR
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BEAUCEVILLE, QUEBEC G5X 2T1
NON-IMPACT SERIES R-301 VINYL SLIDING GLASS DOOR
ANCHOR LAYOUTS

PREPARED BY: T.J.H.
DATE: 07/11/12
DRAWING NO: RES1013
SCALE: N.T.S.
SHEET: 2 OF 4
REV: -

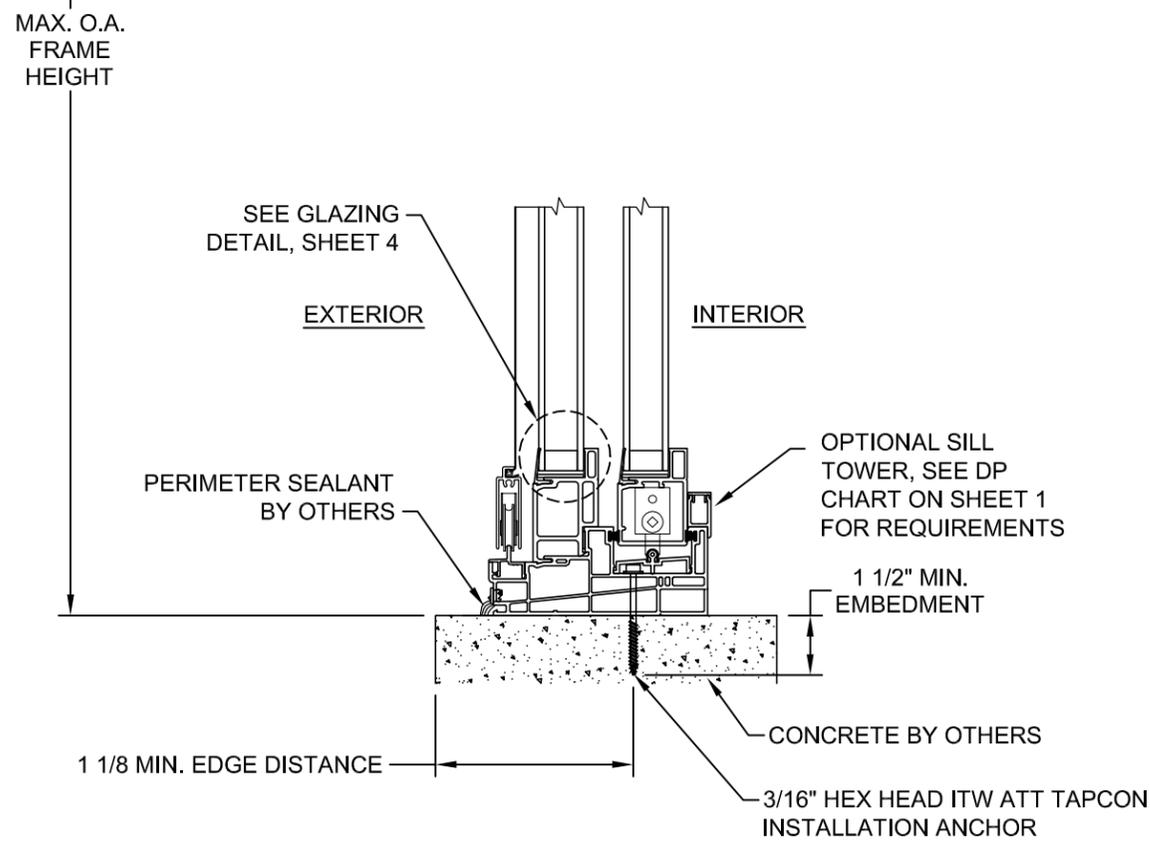


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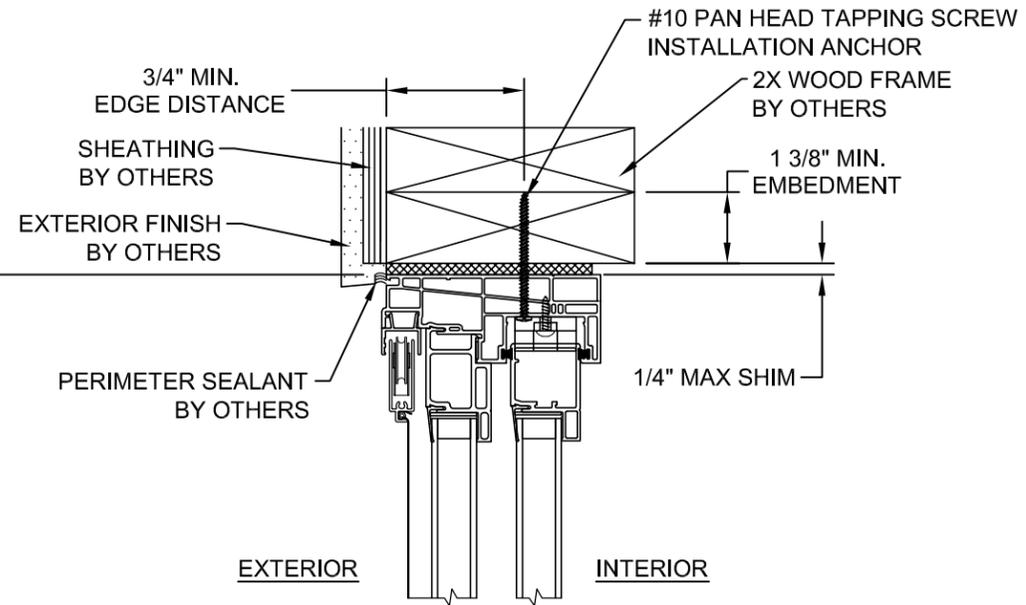




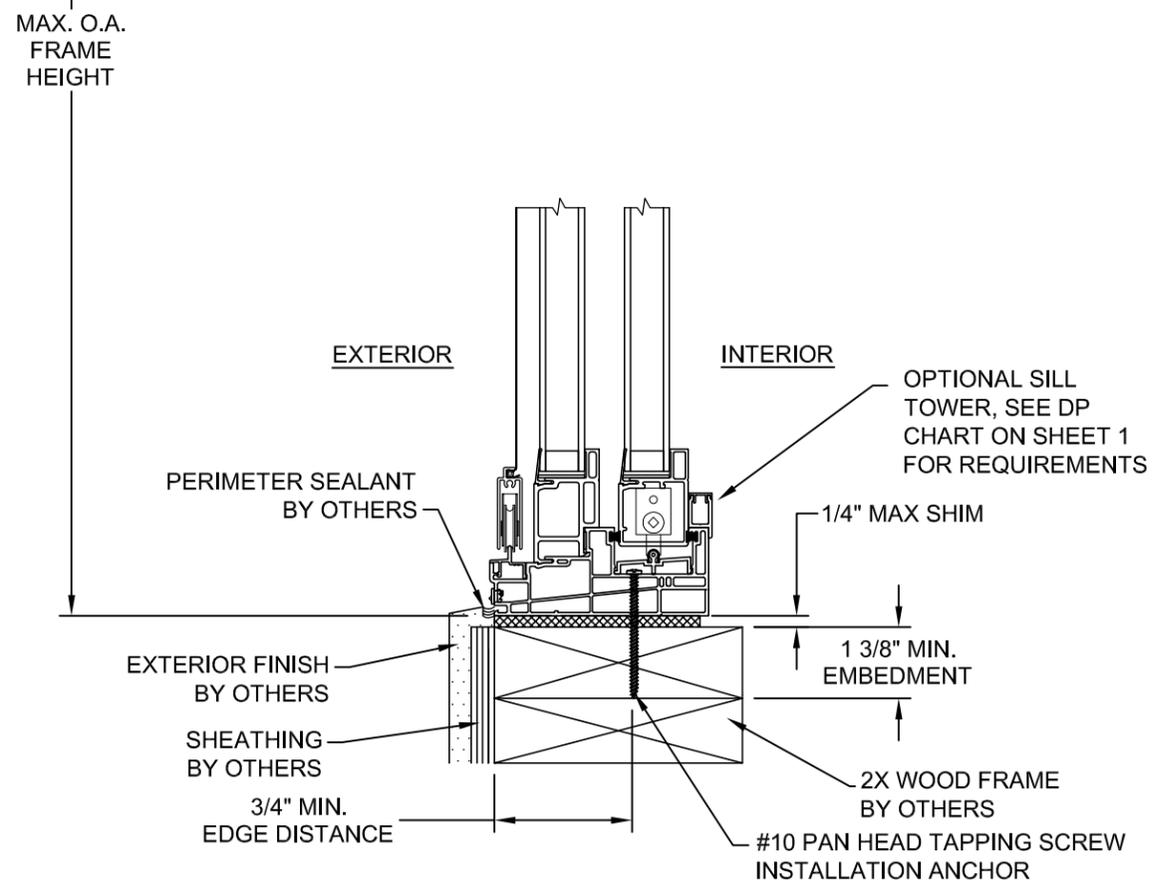
B VERTICAL SECTION
CONCRETE SUBSTRATE



A VERTICAL SECTION
CONCRETE SUBSTRATE



D VERTICAL SECTION
WOOD FRAME SUBSTRATE



C VERTICAL SECTION
WOOD FRAME SUBSTRATE

PROJECT #411-0706.1B

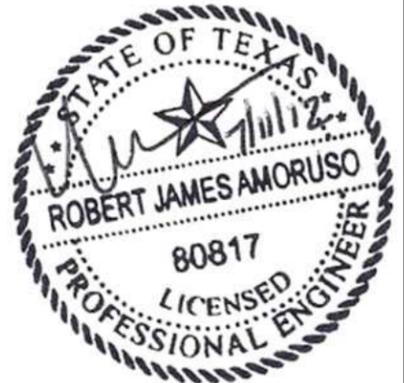
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100, 181E RUE
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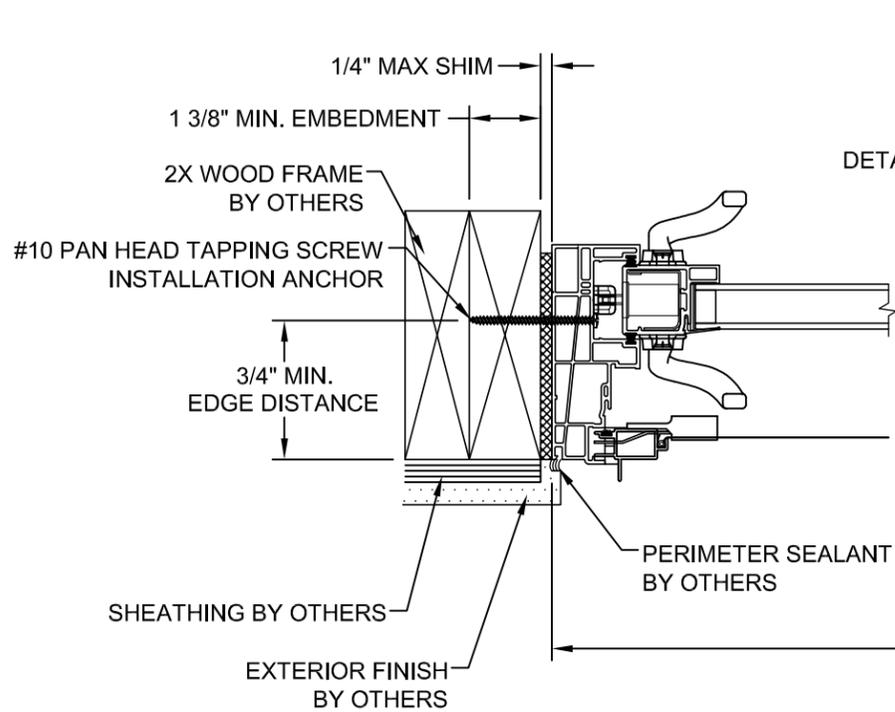
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VERTICAL SECTIONS & GLAZING DETAIL

DATE:	07/11/12
DRAWING NO.:	RES1013
SHEET:	3 OF 4
DRAWN BY:	TJH
SCALE:	N.T.S.
REV:	-

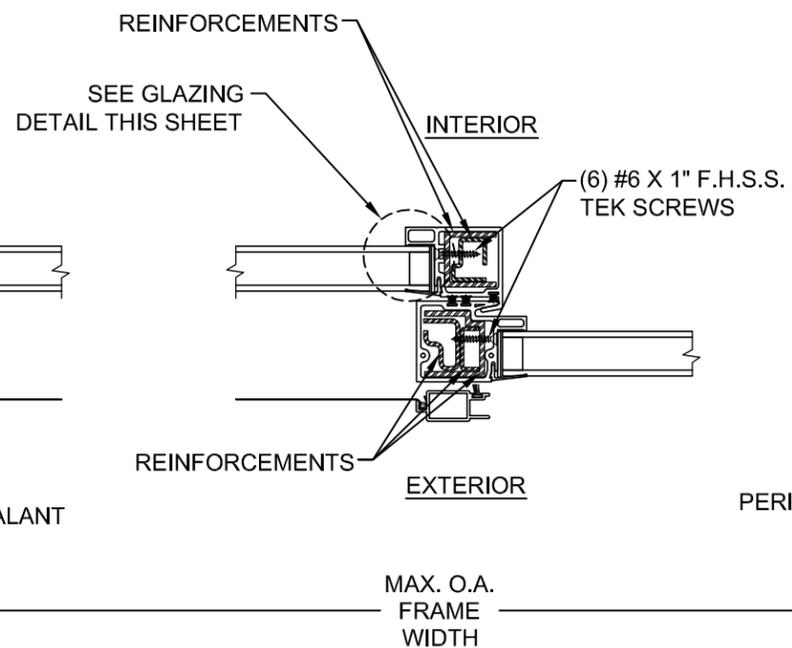
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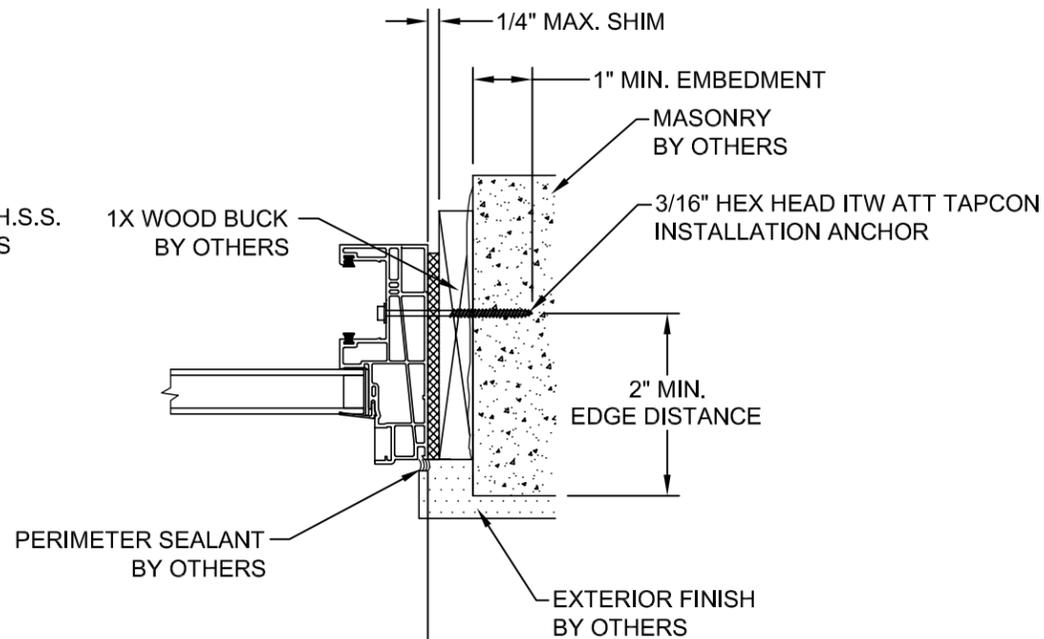




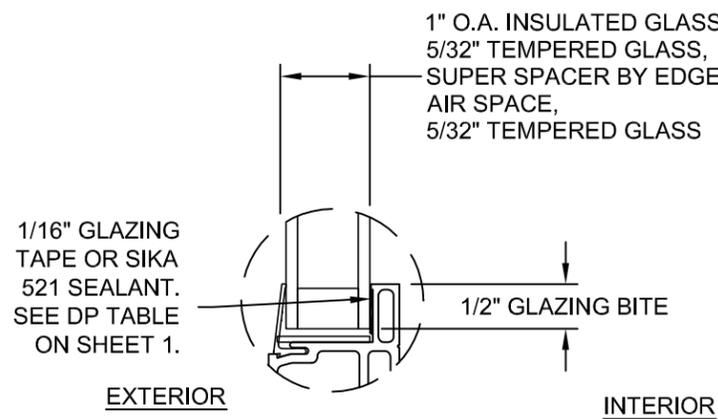
E HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



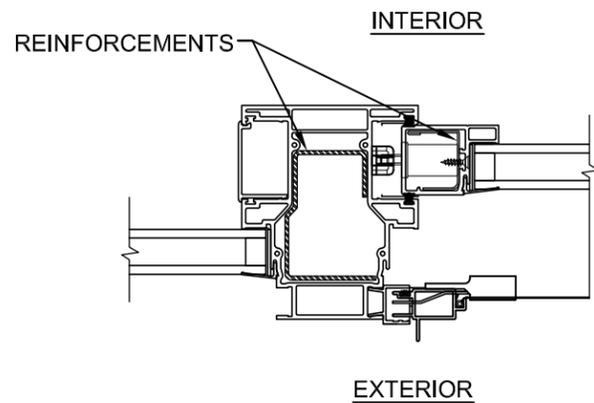
F HORIZONTAL SECTION
MEETING STILE
C REINFORCEMENT



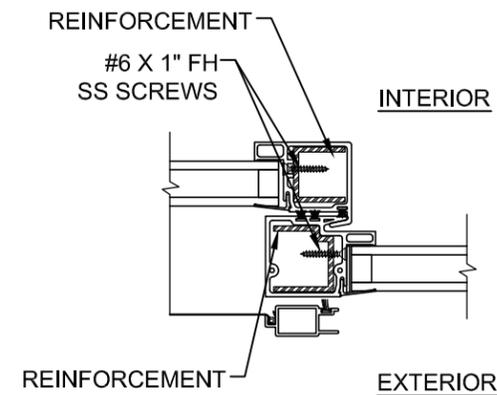
G HORIZONTAL SECTION
MASONRY SUBSTRATE



GLAZING DETAIL



H HORIZONTAL SECTION
MULLION

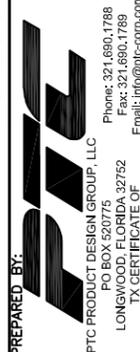


F HORIZONTAL SECTION
MEETING STILE
B REINFORCEMENT

PROJECT #411-0706.1B

RESIVER PATIO DOOR
100, 181E RUE
BEAUCEVILLE, QUEBEC G5X 2T1
TITLE: NON-IMPACT SERIES R-301 VINYL SLIDING GLASS DOOR
HORIZONTAL SECTIONS

DATE: 07/11/12
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SHEET: 4 OF 4
DRAWN BY: TJH
SCALE: N.T.S.
REV: -



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