

RESIVER PATIO DOOR

NON-IMPACT R-301 VINYL SLIDING GLASS DOOR

INSTALLATION ANCHORAGE DETAILS

XO & OX FIN INSTALLATION

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 WITH THIS PRODUCT.
5. DOOR FRAME AND PANEL MATERIAL: VINYL.
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e01.
7. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL

INSTALLATION NOTES:

1. SEE ANCHOR SCHEDULE TABLE FOR TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE OF ALLOWED ANCHORS. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR WOOD SUBSTRATE. PAN HEAD SCREWS ARE SHOWN. FLAT HEAD SCREWS ARE ACCEPTABLE FOR THE 2X4 OVER FIN. PAN HEAD SCREWS ARE REQUIRED WHEN USED THROUGH THE FIN (NAILING FIN).
2. ONE (1) INSTALLATION ANCHOR AT THE 2X4 OVER FIN INSTALLATION AND ONE (1) INSTALLATION ANCHOR AT THE NAILING FIN ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN. SEE SECTION VIEWS FOR CLARIFICATION.
3. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AT THE MAXIMUM SIZE SHOWN. SMALLER PRODUCT SIZES CAN HAVE LESS ANCHORS AS LONG AS THE EDGE DISTANCE AND ON CENTER (O.C.) SPACING ARE THE SAME AS OR LESS THAN THAT SHOWN.
4. 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. SHIMS MAY NOT SHOWN IN THE SECTION VIEWS OF THIS DRAWING FOR CLARITY
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
6. DOOR CAN BE XO OR OX WITH SAME INSTALLATION REQUIREMENTS.

| ANCHOR SCHEDULE | | | | | | |
|---|-----------------------------|----------|---|----------------|--------------------|--|
| SUBSTRATE | TYPE (2) | SIZE (1) | MANUFACTURER AND/OR SPECIFICATION | EMBEDMENT (IN) | EDGE DISTANCE (IN) | CAPACITIES BASED ON |
| WOOD | FLAT HEAD OR PAN HEAD | NO. 10 | ANSI B18.6.1 (WOOD SCREW) ASME B18.6.4 (TAPPING SCREW) | 1-1/4" | 3/4" | MIN. PRESSURE TREATED (PT) SPRUCE-PINE-FIR WITH A MINIMUM SPECIFIC GRAVITY OF 0.42. |
| <p>NOTES:</p> <p>1) IF REQUIRED TO PREVENT SPLITTING DRILL PILOT HOLES IN WOOD FRAME AS FOLLOWS: FOR WOOD SCREWS DRILL 0.112" DIAMETER HOLE (#34 DRILL SIZE) AND FOR TAPPING SCREWS DRILL 0.121" DIAMETER HOLE (#31 DRILL SIZE).</p> <p>2) SEE INSTALLATION NOTE 2.</p> | | | | | | |

| MAXIMUM UNIT DIMENSIONS | DESIGN PRESSURE RATING (PSF) | | IMPACT RATING |
|---|-----------------------------------|---------------------------------------|---------------|
| | WHERE OPTIONAL SILL TOWER IS USED | WHERE OPTIONAL SILL TOWER IS NOT USED | |
| 96" X 80" XO TAPE GLAZED | ±50.0 | ±50.0 | NON-IMPACT |
| 96" X 96" XO SIKA GLAZED W/SILL TOWER | ±50.0 | N/A | |
| 96" X 96" XO TAPE GLAZED | ±40.0 | ±40.0 | |

- NOTES:
- (1) SEE SECTION E FOR REINFORCEMENT DESCRIPTION.
 - (2) SEE SECTION A FOR OPTIONAL SILL TOWER DESCRIPTION.

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| 2 | -- | ELEVATION AND ANCHOR LAYOUT |
| 3 | -- | SECTIONS AND GLAZING DETAIL |

PROJECT #411-0706.1B

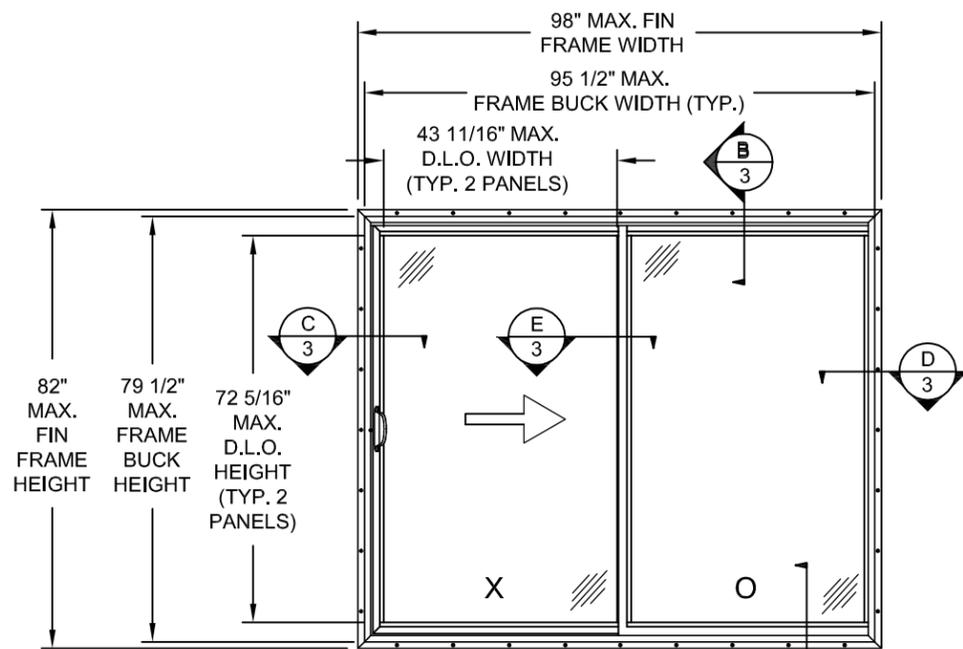
RESIVER PATIO DOOR
100, 181E RUE
BEAUCEVILLE, QUEBEC G5X 2T1

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

PREPARED BY: PTC
 DRAWN BY: T.J.H.
 DATE: 07/11/12
 SCALE: N.T.S.
 DRAWING NO: RES1021
 SHEET: 1 OF 3
 REV: -
 PTC PRODUCT DESIGN GROUP, LLC
 PO BOX 50375
 LONGWOOD, FLORIDA 32752
 TX CERTIFICATE OF
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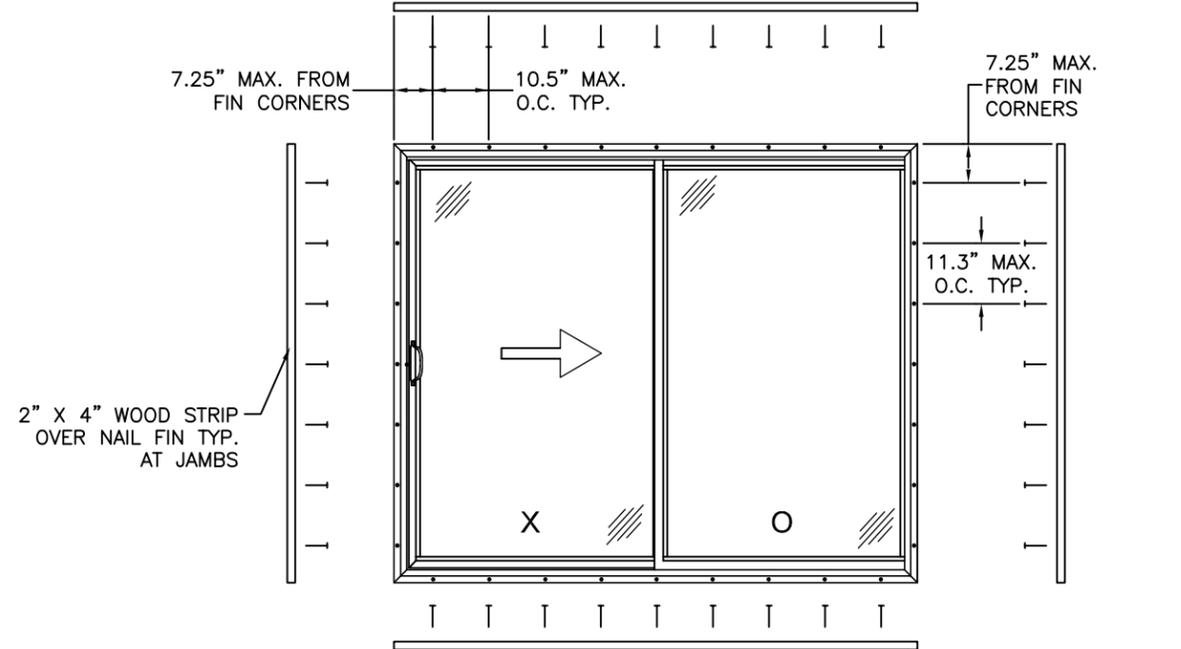
Robert J. Amoruso, P.E.
TEXAS P.E. No. 80817





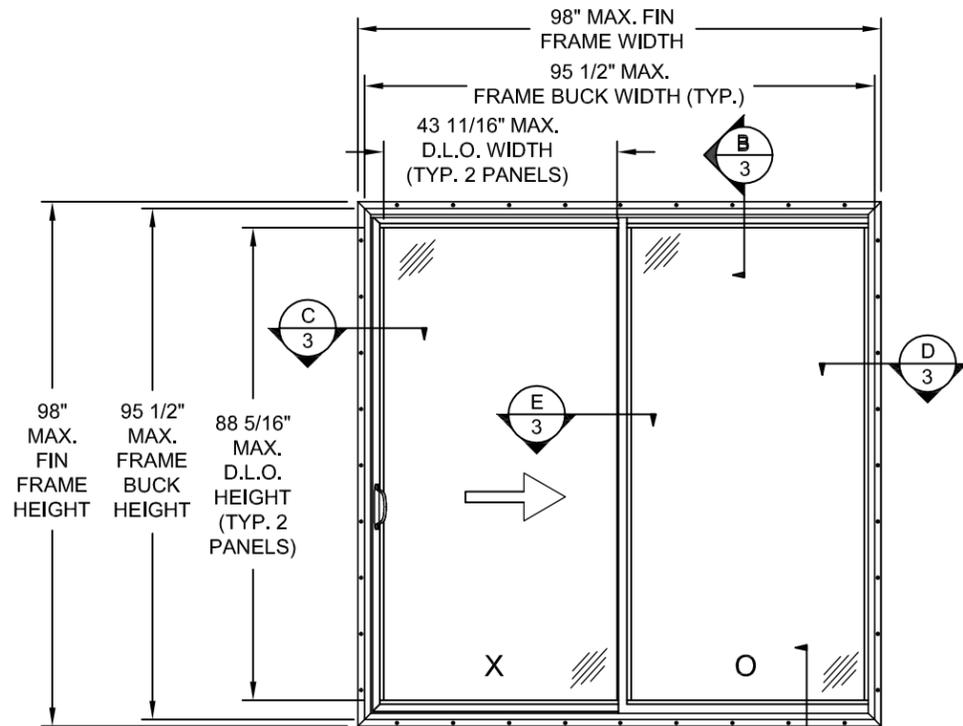
ELEVATION

EXTERIOR VIEW
96 X 80 XO



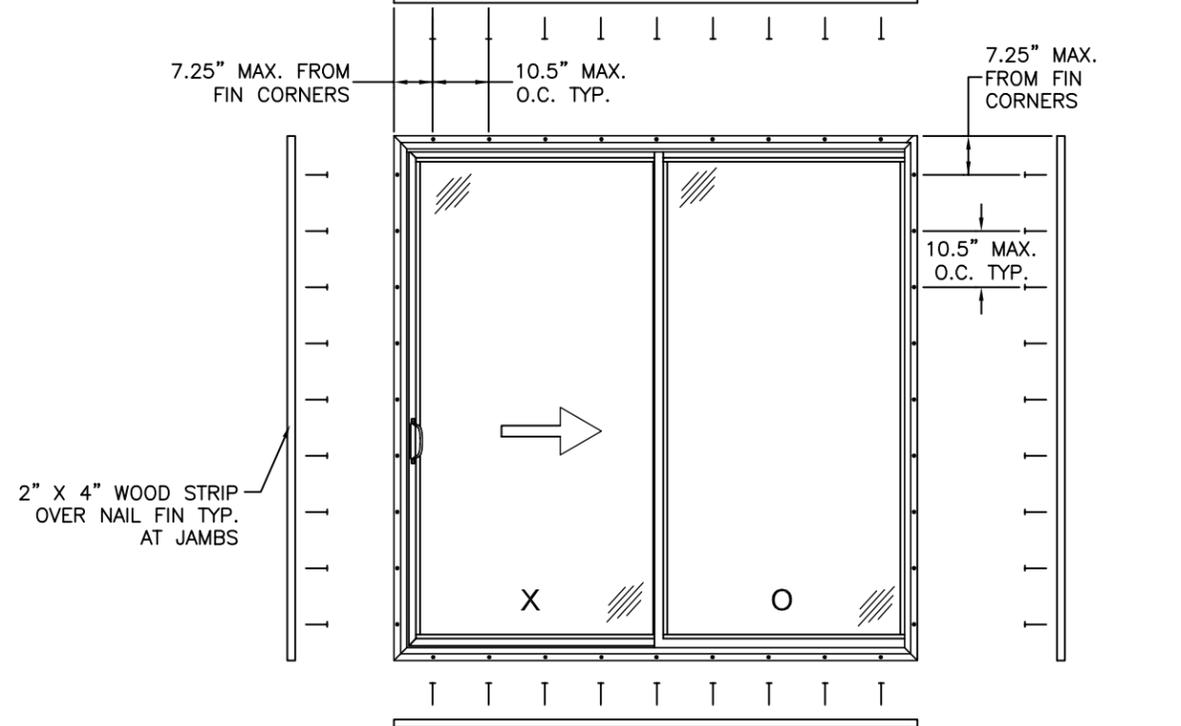
ANCHOR LAYOUT

EXTERIOR VIEW



ELEVATION

EXTERIOR VIEW
96 X 96 XO



ANCHOR LAYOUT

EXTERIOR VIEW

PROJECT #411-0706.1B

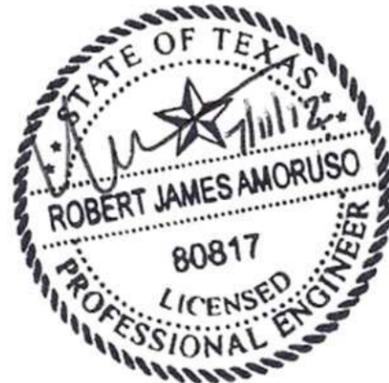
RESIVER PATIO DOOR
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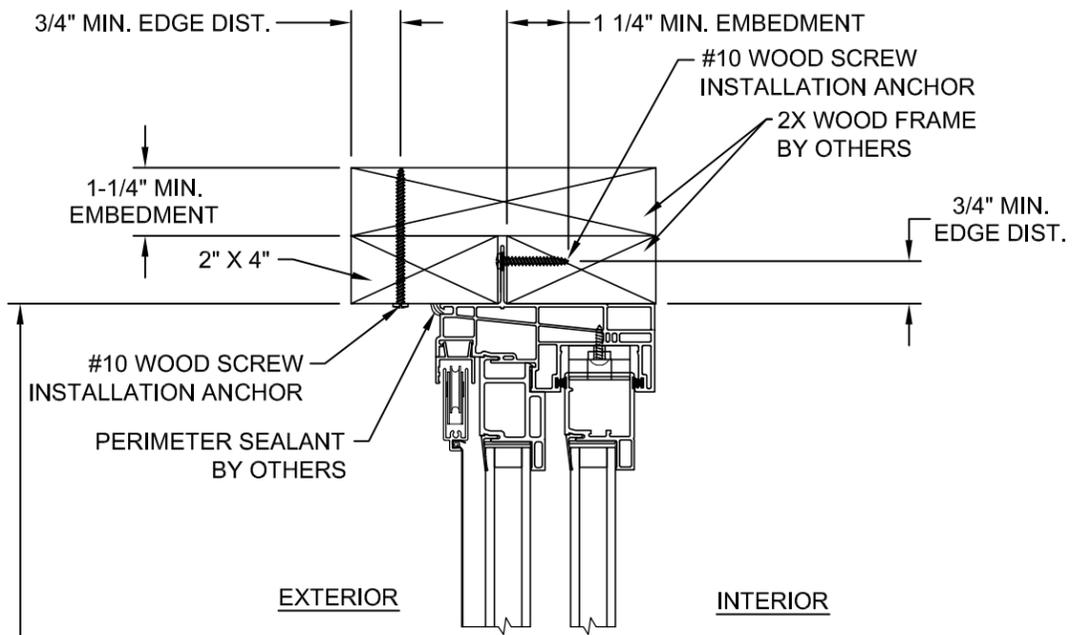
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ELEVATION AND ANCHOR LAYOUT

| | |
|--------------|----------|
| DATE: | 07/11/12 |
| DRAWING NO.: | RES1021 |
| SHEET: | 2 OF 3 |
| DRAWN BY: | TJH |
| SCALE: | N.T.S. |
| REV: | - |

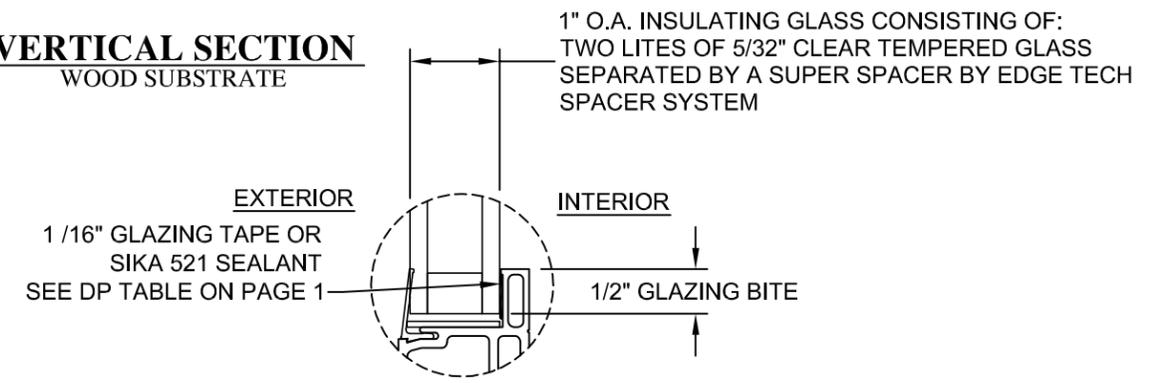
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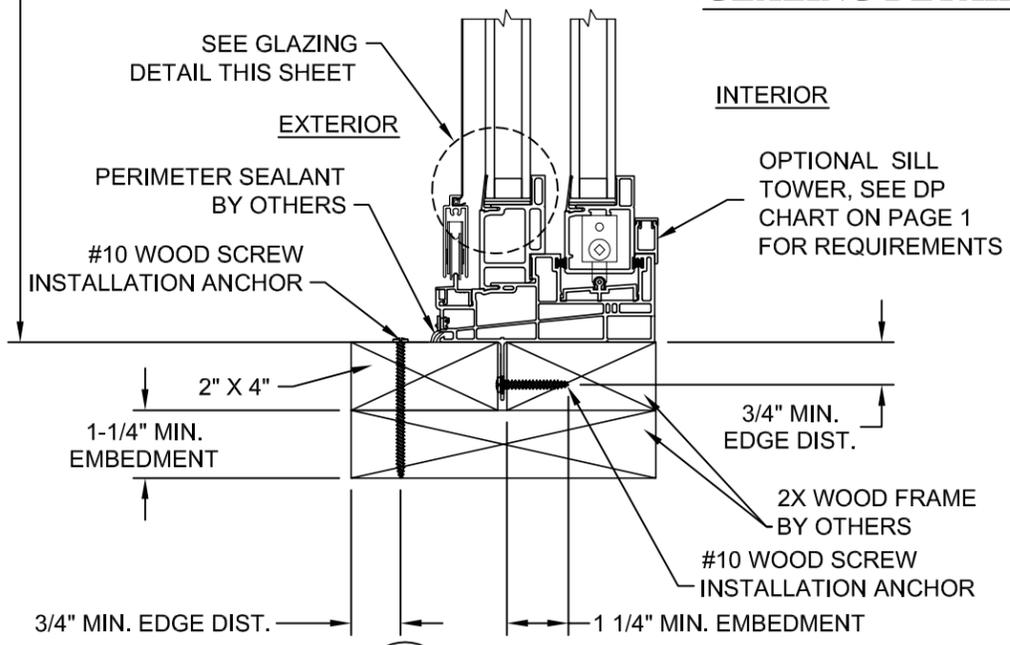




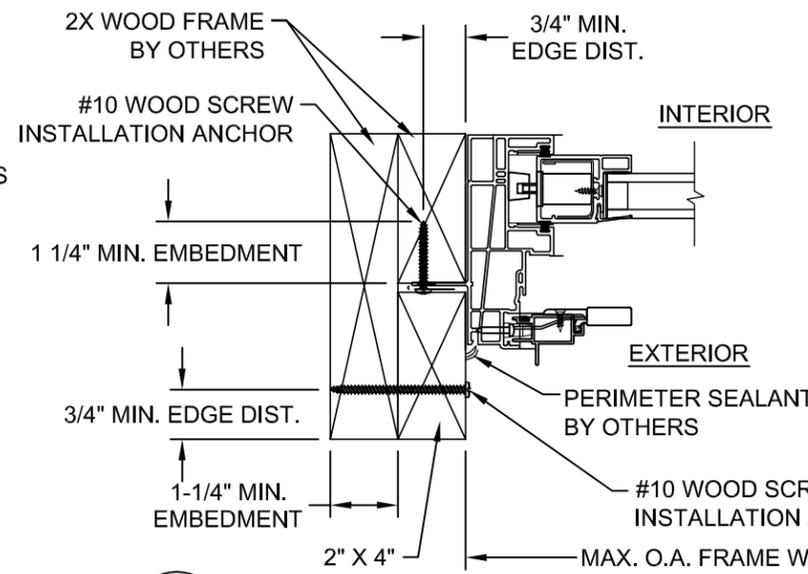
B VERTICAL SECTION
WOOD SUBSTRATE



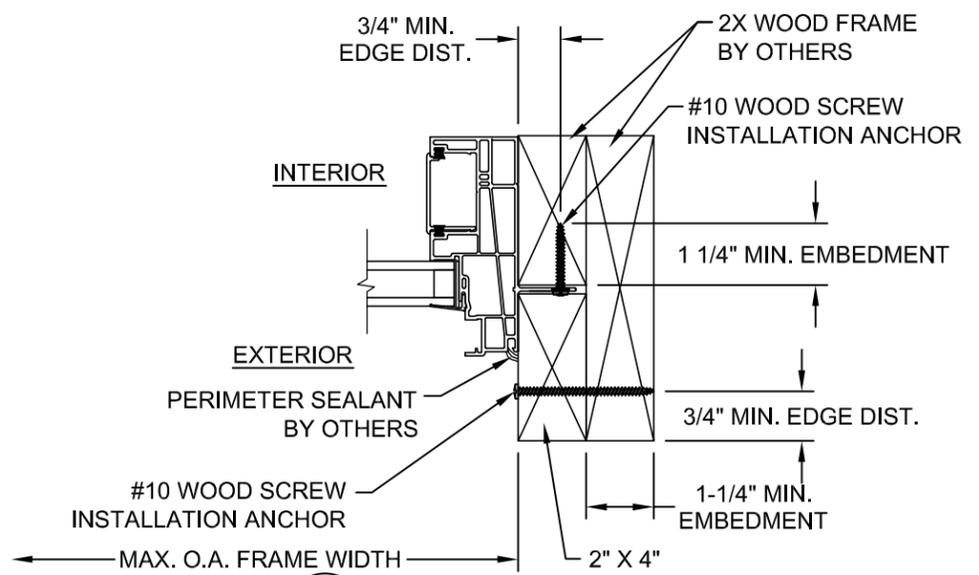
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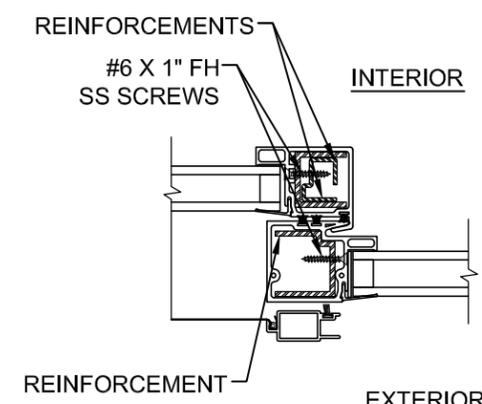
A VERTICAL SECTION
WOOD SUBSTRATE



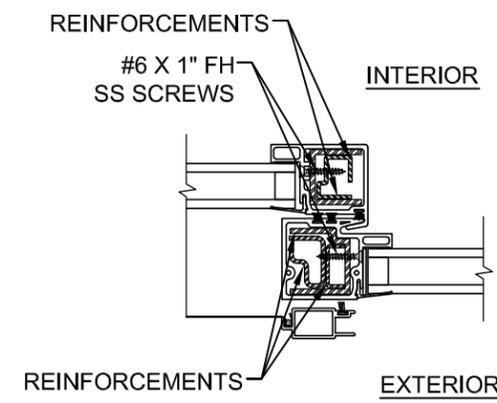
C HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



D HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



E HORIZONTAL SECTION
MEETING STILE
80" HIGH



E HORIZONTAL SECTION
MEETING STILE
96" HIGH

PROJECT #411-0706.1B

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

TITLE: NON-IMPACT SERIES R-301 VINYL SLIDING GLASS DOOR
SECTIONS & GLAZING DETAIL

| | |
|--------------|----------|
| DATE: | 07/11/12 |
| DRAWING NO.: | RES1021 |
| SHEET: | 3 OF 3 |
| DRAWN BY: | TJH |
| SCALE: | N.T.S. |
| REV: | - |

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