Alside BECAUSE LIFE IS FOR LIVING®

3773 STATE ROAD, CUYAHOGA FALLS, OH 44223

SERIES 6400HP
MODEL 6402HP/6405HP/6406HP
EXTRUDED VINYL
SLIDING PATIO DOORS
"NON-IMPACT"

ALSO DISTRIBUTED UNDER THE FOLLOWING TRADE NAMES:

ASSOCIATED MATERIALS, INC.
GENTEK BUILDING PRODUCTS
REVERE BUILDING PRODUCTS

EVALUATED FOR USE IN THE STATE OF TEXAS

The Vinyl Sliding Patio Door described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) subject to the following conditions:

1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

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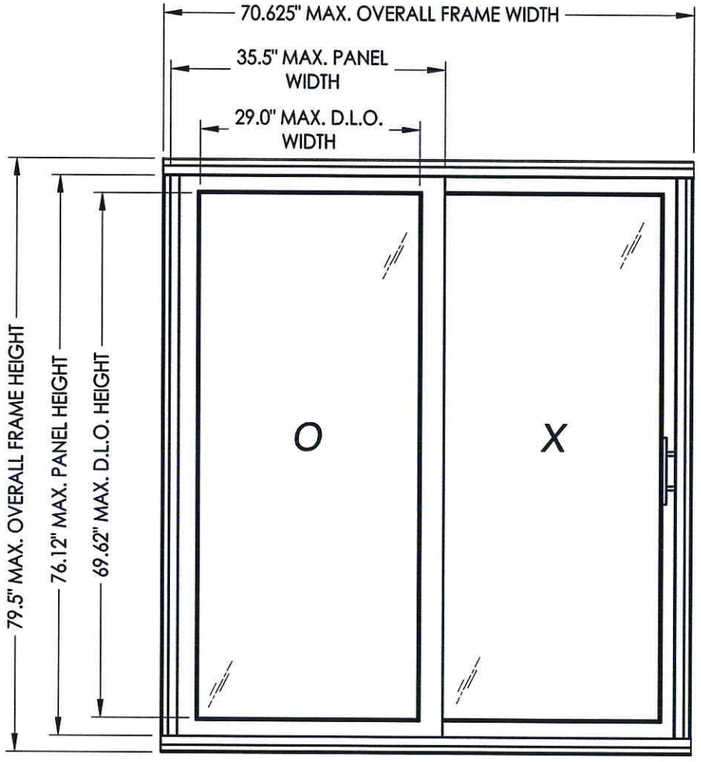
SHEET#	**DESCRIPTION**
1	Typical elevation, design pressures & general notes
2	Horizontal and vertical cross sections
3	Frame anchoring
4	Bill of materials, glazing detail & components



OVERALL FRAME DIMENSION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
70.625" x 79.50"	35.5" X 76.12"	29.0" X 69.62"	G1	+50.0	-50.0

STATE OF TEXAS · LYNDON F. SCHMIDT · 104123 · LICENSED PROFESSIONAL ENGINEER

Documents Prepared By: Lyndon F. Schmidt, P.E.
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RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: EXTRUDED VINYL SLIDING PATIO DOORS

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS	BY

DATE: 8/21/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4361
SHEET 1 OF 4

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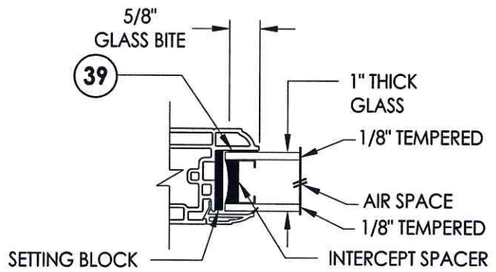
NOTES:

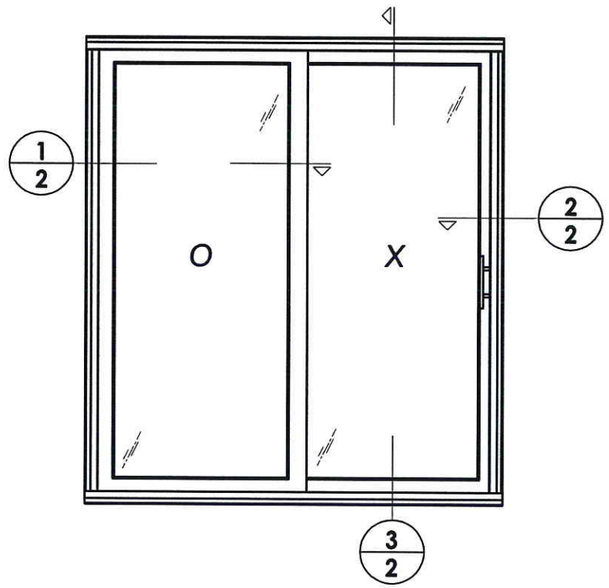
1. Frame corners fastened with (4) #8 x 3" PH SMS and contain a closed cell foam gasket. The frame intersections at the sill sealed with silicone sealant.

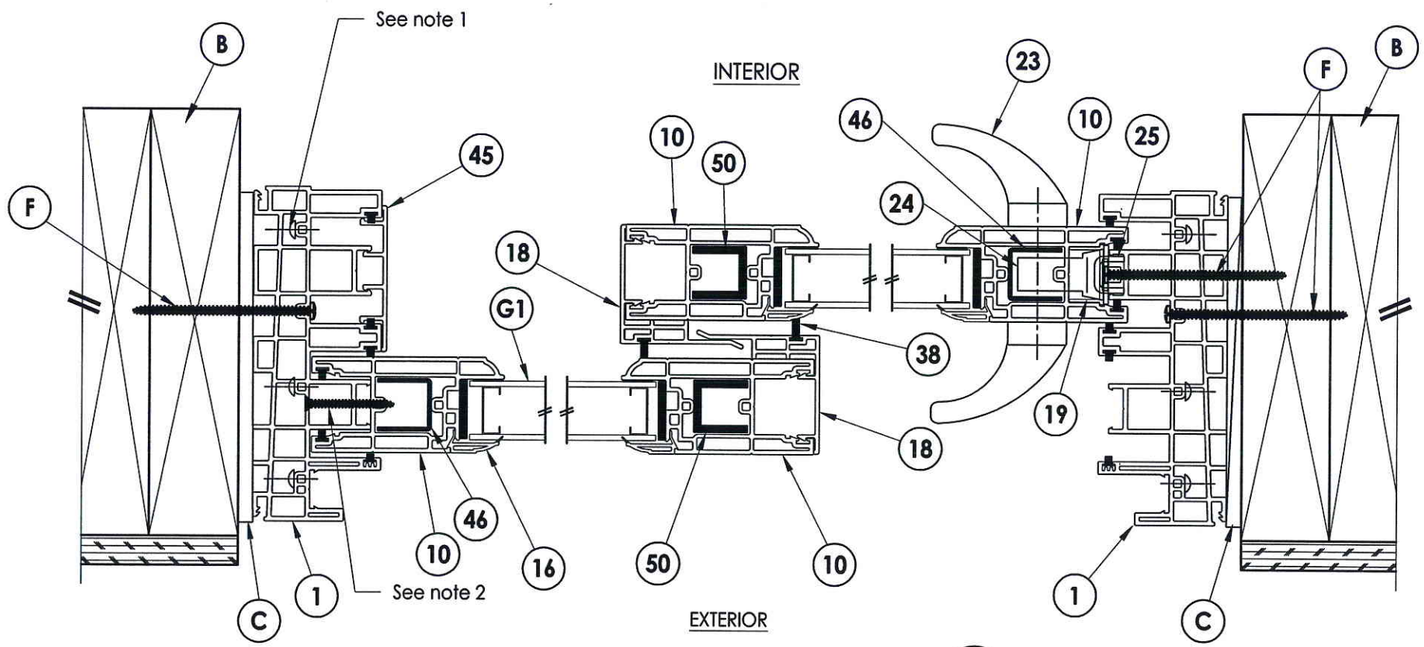
2. Fixed panel fastened to jamb with (5) #6 x 1-1/2" flat head screws evenly spaced. Top rail of the panel is fastened with (5) #6 x 1-1/2" flat head screws evenly spaced.

3. Interior and exterior perimeters to be sealed with a silicone sealant. In addition, the sill is to be set onto silicone sealant.

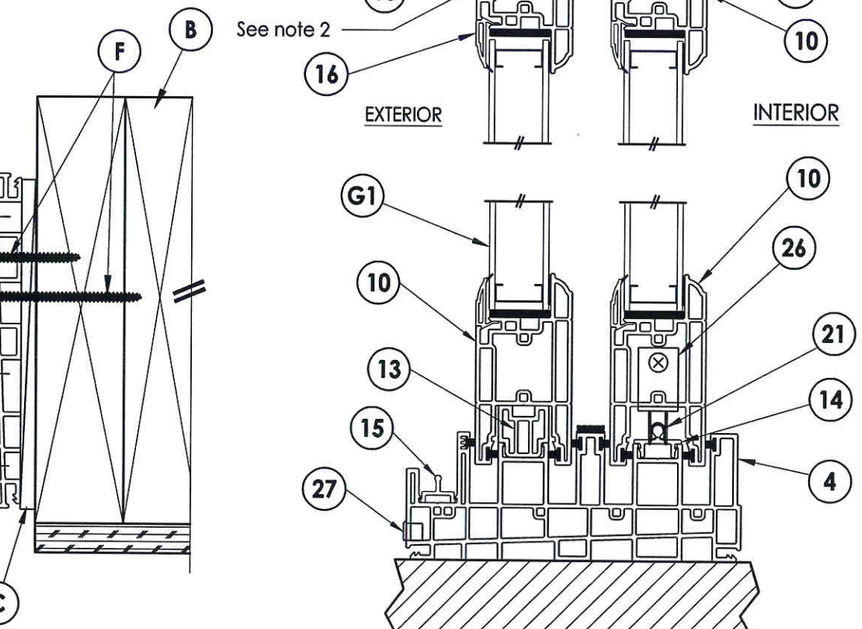


G1 **GLAZING DETAIL**





1/2 **HORIZONTAL CROSS SECTION**
2X Buck



2/2 **HORIZONTAL CROSS SECTION**
Shown w/1X sub-buck

3/2 **VERTICAL CROSS SECTION**

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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: EXTRUDED VINYL SLIDING PATIO DOORS

PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

DATE: 8/21/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4361
SHEET 2 OF 4

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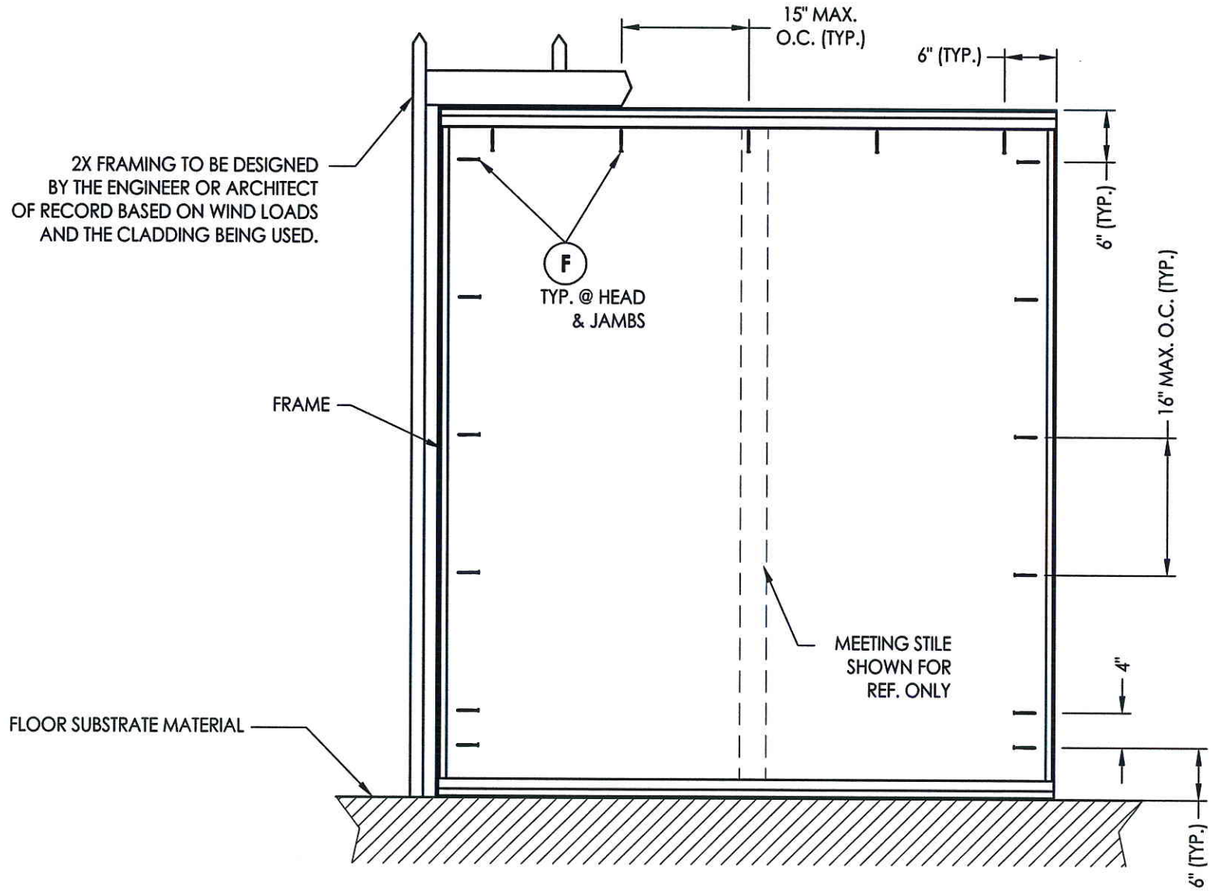

FRAME ANCHORING

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PART OR ASSEMBLY: *FRAME ANCHORING*

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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4361
SHEET 3 OF 4

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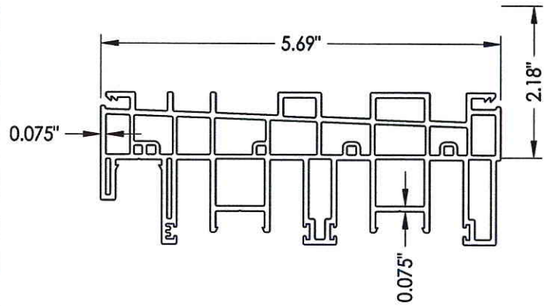
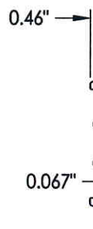
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 3" PPH SMS	STEEL
1	FRAME - HEAD & SIDE JAMBS* - #UU0400	PVC
4	FRAME BOTTOM SILL* - #UU0401	PVC
10	3" FIXED & OPERABLE PANEL TOP RAIL, BOTTOM RAIL & STILE* - #UU0402	PVC
13	FIXED PANEL SUPPORT* - #UU0409	PVC
14	ROLLER TRACK *- #UU0406	PVC
15	SCREEN TRACK HEAD & SILL* - #UU0408	PVC
16	GLAZING BEAD* - #UU0410	PVC
18	INTERIOR INTERLOCK* - # UU0405	PVC
19	LOCK STILE INSERT *- #UU0417	PVC
20	SASH STOP* - #UU0416	PVC
21	ROLLER TRACK CAP	SS
23	HANDLE SET - SIGNATURE TOP LOCK - #UU0244	-
24	2-POINT LOCK	-
25	KEEPER	-
26	ROLLER	NYLON
27	WEEP COVER*	PVC
36	FRAME WEATHERSTRIPPING - AMESBURY .187" X .240" G2 FIN PILE	-
37	FRAME WEATHERSTRIPPING - AMESBURY .187" X .240" G2 FIN PILE	-
38	INTERLOCK BULB SEAL - AMESBURY 91500	-
39	GLAZING TAPE - SECON 1/16" X 3/8"	-
45	INTERIOR JAMB POCKET COVER* - # UU0416	PVC
46	3" JAMB STILE REINFORCEMENT - # UY0096	STEEL
50	3" INTERLOCK STILE REINFORCEMENT - # UY0098	STEEL

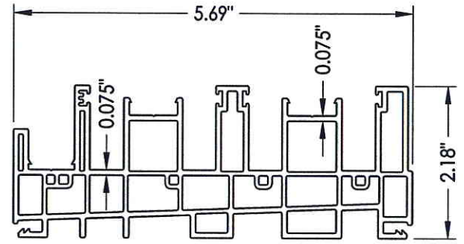
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



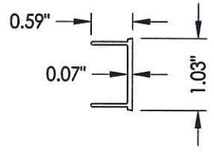
1 FRAME HEAD & JAMBS



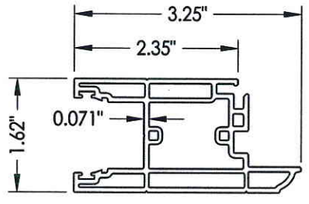
45 20 POCKET COVER & SASH STOP



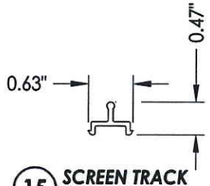
4 FRAME SILL



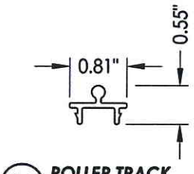
19 LOCK STILE INSERT



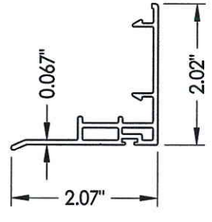
10 TOP RAIL, BOTTOM RAIL & STILE



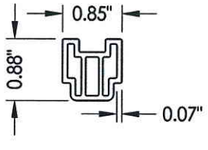
15 SCREEN TRACK



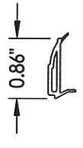
14 ROLLER TRACK



18 INTERLOCK

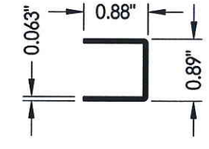


13 FIXED PANEL SUPPORT



16 GLAZING BEAD

50 REINFORCEMENT INTERLOCK



46 REINFORCEMENT JAMB STILE

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PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

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SHEET 4 OF 4

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