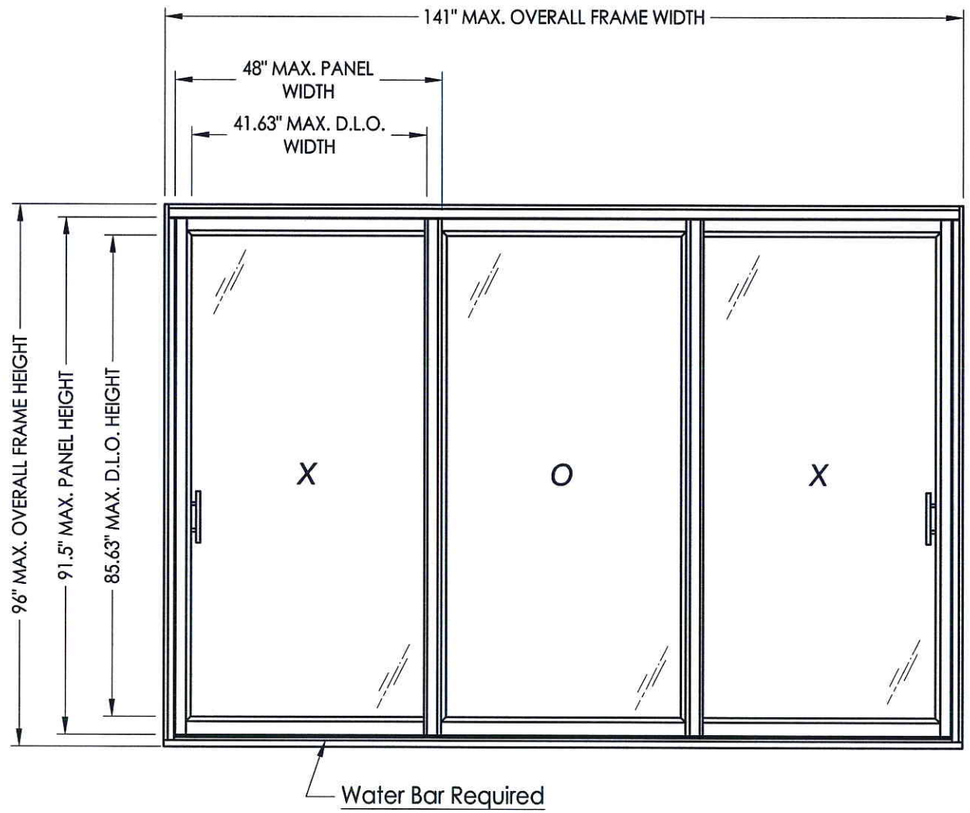
WINCORE™
WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

8800 Series
Vinyl Sliding Patio Door
"IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

The Wincore Sliding Patio Door described herein complies with the 2006 International Residential Code (IRC), Sections R308.6 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 roof covering.
2. When used in areas requiring wind-borne debris protection (Seaward and Inland I areas), this product complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC and does not require impact protection. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
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.

TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal and vertical cross sections
3	Bill of materials, glazing details & components

OVERALL FRAME DIMENSION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
141" x 96"	48" X 91.5"	41.63" X 85.63"	G1	+50.0	-50.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
6.14.13

Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123
R|W 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: 8800 SERIES VINYL SLIDING PATIO DOORS
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

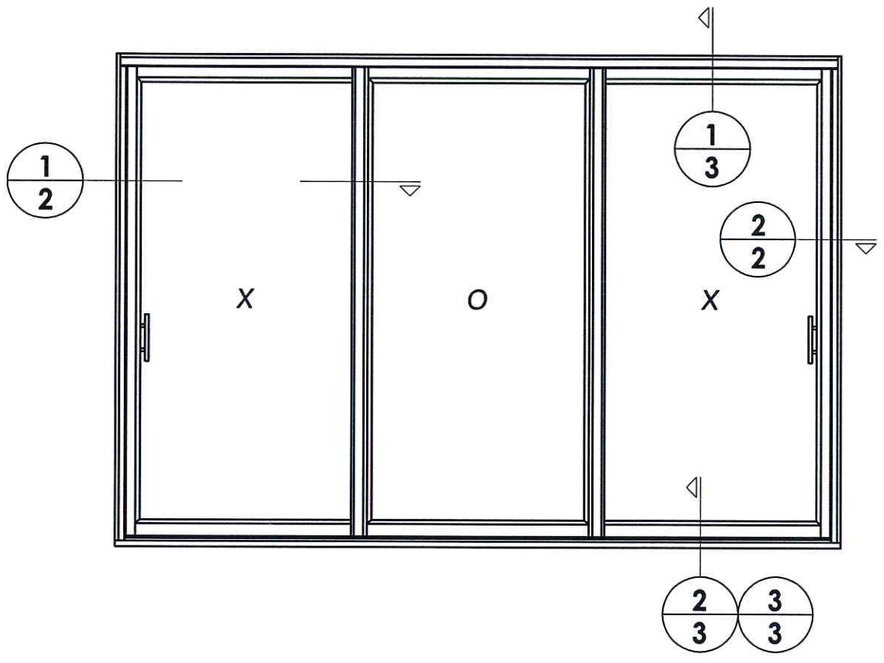
NO.	DATE	BY

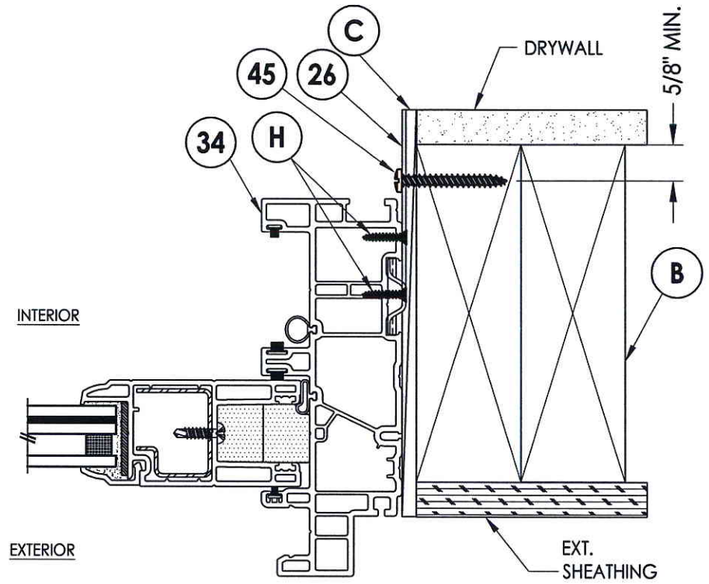
REVISIONS

DATE: 7/9/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4324
SHEET 1 OF 5

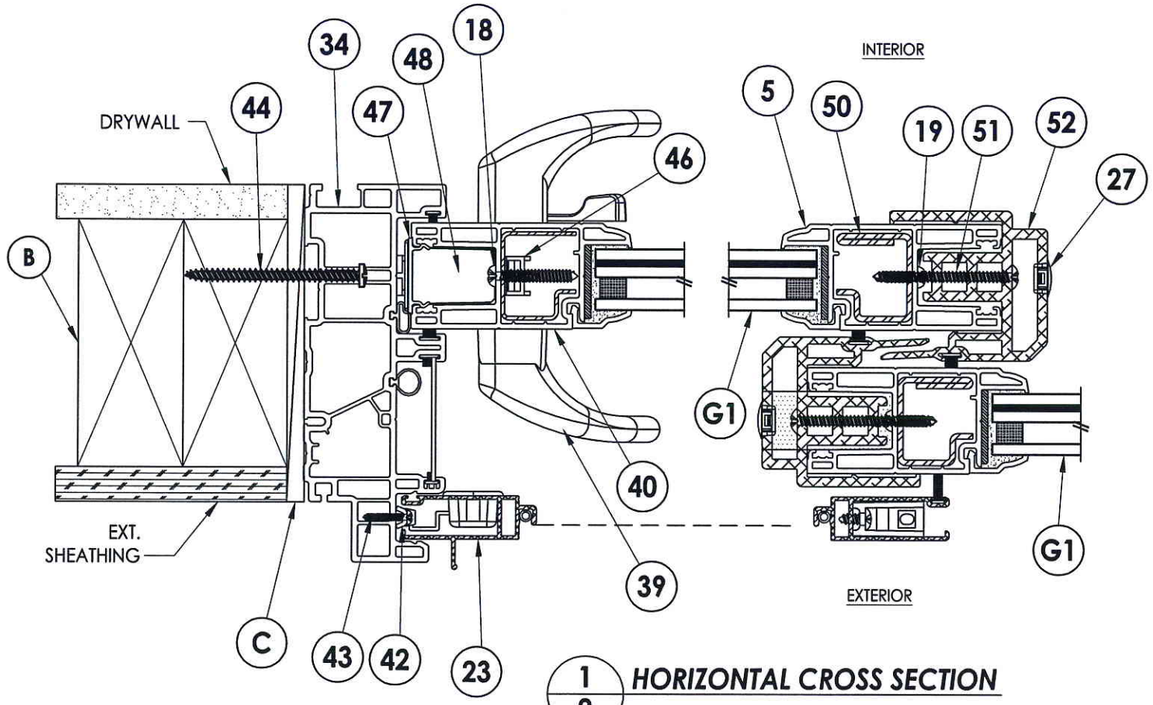
© 2013 R.W. BUILDING CONSULTANTS INC.

R:\A - Projects\Project Folders\Proj 1701 - 1800\PF 1709\D. RWBC Drawings\Texas 2013\TX-4323-24.dwg, TX-4324





2/2 **HORIZONTAL CROSS SECTION**
Shown w/ optional strap anchor



1/2 **HORIZONTAL CROSS SECTION**

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
ENGINEER
PROFESSIONAL
4-14-13

Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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: SLIDING PATIO DOORS

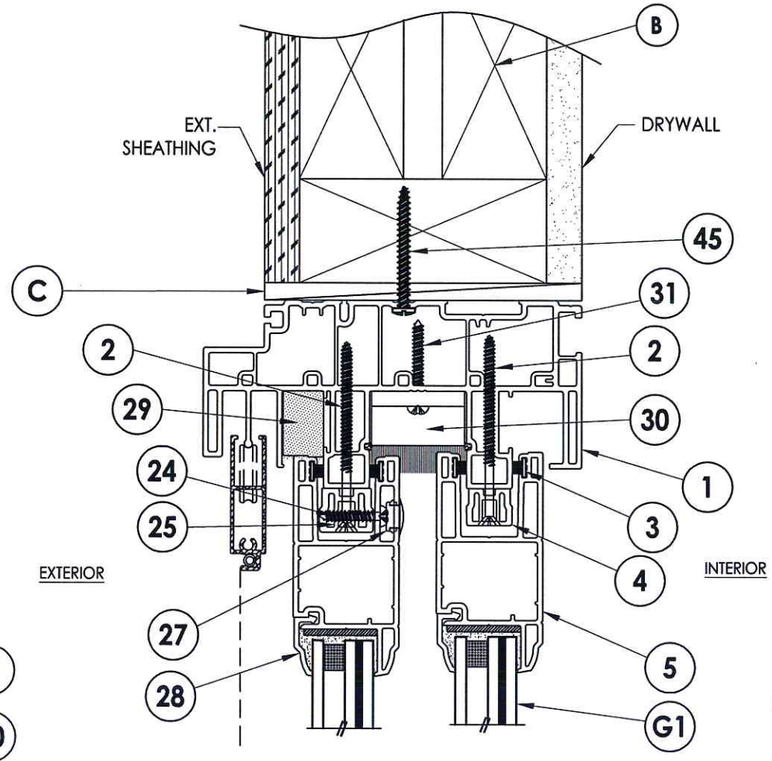
PART OR ASSEMBLY: HORIZONTAL CROSS SECTION

NO.	DATE	BY	REVISIONS

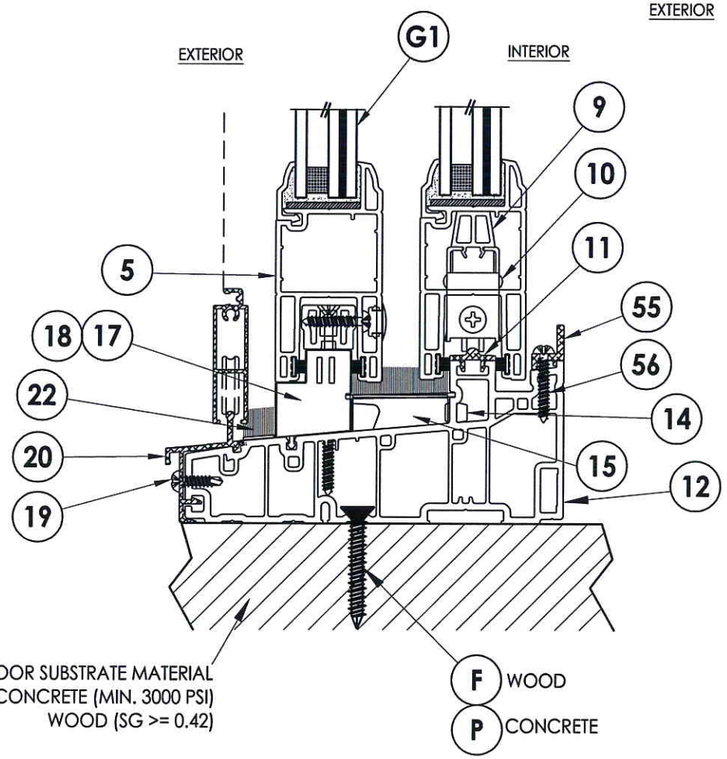
DATE: 3/14/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4324
SHEET 2 OF 5

© 2013 R.W. BUILDING CONSULTANTS INC.

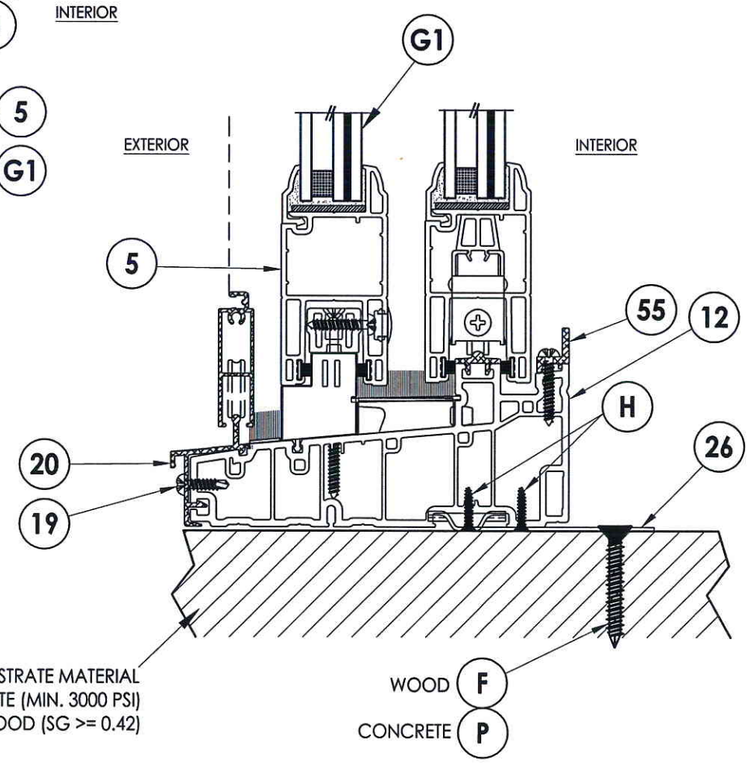
R:\A - Projects\Project Folders\Proj 1701 - 1800\PF 1709\D. RWBC Drawings\Texas 2013\TX-4323-24.dwg, 2.2



1/3 VERTICAL CROSS SECTION



2/3 VERTICAL CROSS SECTION



3/3 VERTICAL CROSS SECTION
Shown w/ optional strap anchor

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
3-14-13

Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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: SLIDING PATIO DOORS

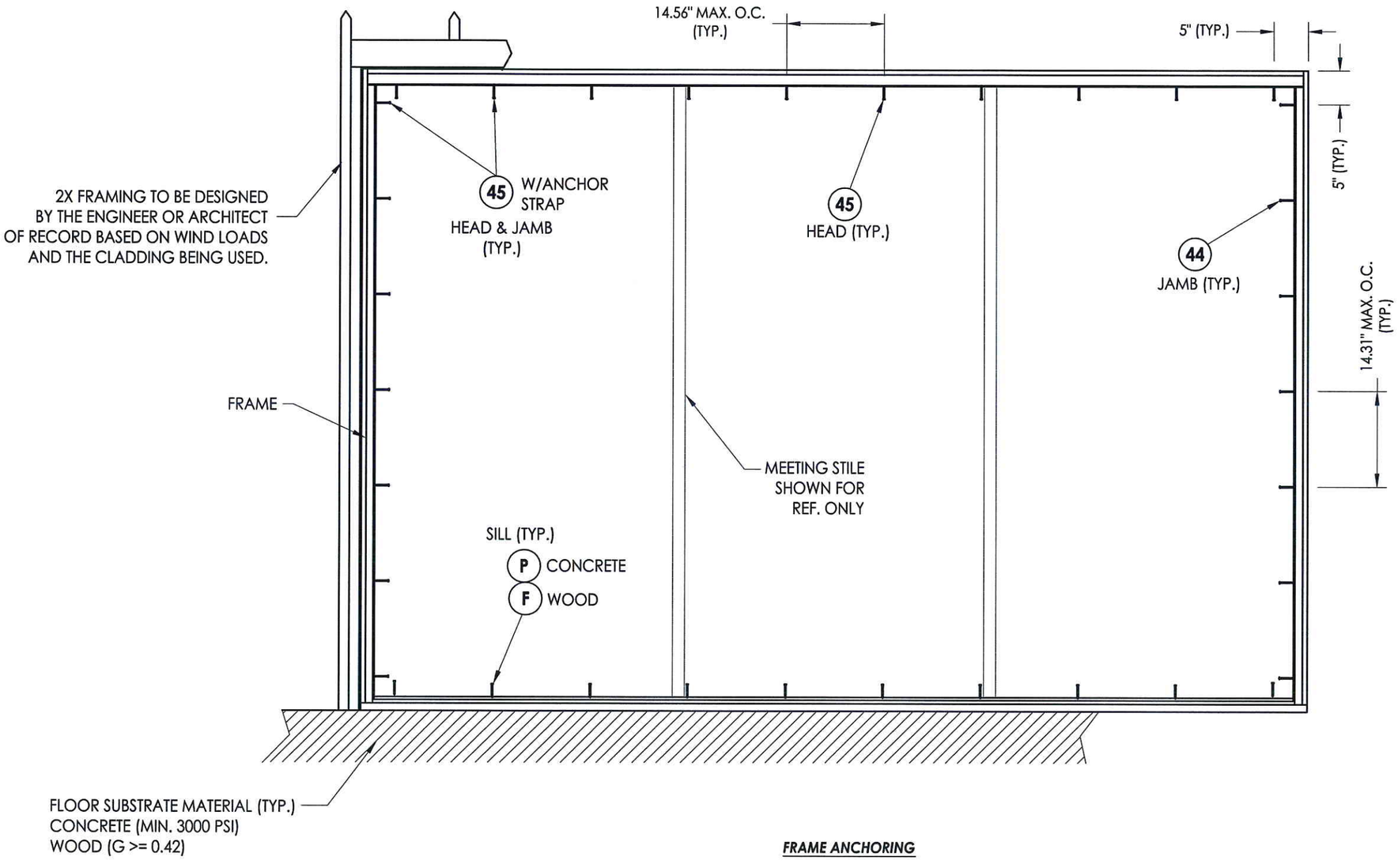
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 3/14/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4324
SHEET 3 OF 5

© 2013 R.W. BUILDING CONSULTANTS INC.

R:\A - Projects\Project Folders\Proj 1701 - 1800\PF 1709\D. RWBC Drawings\Texas 2013\TX-4323-24.dwg, 3.2



FRAME ANCHORING

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED
PROFESSIONAL ENGINEER

8.14.13

Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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: *SLIDING PATIO DOORS*

PART OR ASSEMBLY: *FRAME ANCHORING*

NO.	DATE	BY	REVISIONS

DATE: 7/9/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4324
SHEET 4 OF 5

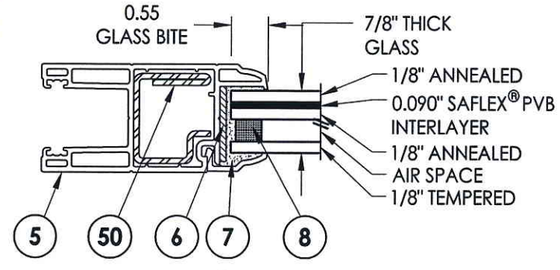
© 2013 R.W. BUILDING CONSULTANTS INC.

R:\A - Projects\Project Folders\Proj 1701 - 1800\PF 1709\D. RWBC Drawings\Texas 2013\TX-4323-24.dwg, 4.2

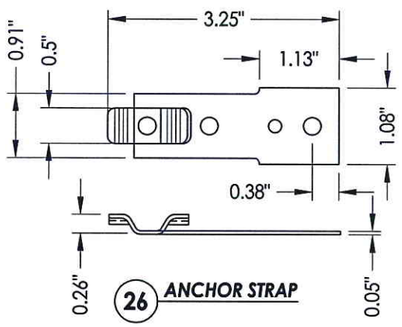
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#10 X 2" PH WOOD SCREW (1-1/2" MIN. EMB.)	STEEL
H	#8 x 5/8" FH SMS	STEEL
P	1/4" PFH ELCO OR ITW CONCRETE SCREW (1-3/4" MIN. EMB.)	STEEL
1	FRAME HEAD*	PVC
2	#8 x 2-3/4" FH QUADREX WOOD SCREW	STEEL
3	WEATHERSTRIP (SCHLEGEL #HF-7522-270)	-
4	HEAD TRACK*	PVC
5	STILE & RAIL*	PVC
6	SETTING BLOCK	-
7	SILICONE (SIKA 552)	SILICONE
8	DURASEAL SPACER SYSTEM	-
9	SHIM	-
10	TANDEM WHEEL	STEEL
11	ROLLING RAIL	STEEL
12	SILL*	PVC
13	SILL DUST COVER*	PVC
14	SILL PLUG*	PVC
15	SILL WEATHERSEAL	-
17	LEFT CAP FOR SILL ADAPTER*	PVC
18	RIGHT CAP FOR SILL ADAPTER*	PVC
19	#8 X 5/8" PAN HEAD, SQUARE, SELF-DRILLING SCREW	STEEL
20	OUTSIDE SILL CLADDING	STEEL
22	INSECT STOP	-
23	SCREEN	-
24	#8 X 7/8" PAN HEAD, QUADREX, SCREW	STEEL
25	FIXED PANEL ANCHOR BLOCK*	PVC
26	ANCHOR STRAP	STEEL
27	SCREW CAP*	PVC
28	GLAZING BEAD*	PVC
29	FOAM PLUG	-
30	HEAD WEATHERSEAL	-
31	#8 X 1-1/4" PAN HEAD, QUADREX, SCREW	STEEL
32	SASH STOPPER	STEEL
33	WEATHERSTRIP	-
34	FRAME JAMB*	PVC
35	WEATHERSTRIP	-
39	HANDLE KIT	STEEL
40	OPERATING PANEL SIDE STILE*	PVC
42	KEEPER FOR SCREEN	-
43	#4 X 5/8" PAN HEAD QUADREX SCREW	STEEL
44	#10 X 2-1/2" PPH SCREW	STEEL
45	#10 X 1-3/4" PPH SCREW	STEEL
46	STAINLESS STEEL DOUBLE POINT MORTISE LOCK KIT	STEEL
47	SASH COVERING CAP*	PVC
48	LOCK PLUG*	PVC
50	STILE REINFORCEMENT	STEEL
51	#8 X 2" TRUSS HEAD QUADREX SCREW	STEEL
52	INTERLOCK	STEEL
53	STILE REINFORCEMENT	STEEL
54	Q-LON WEATHERSTRIP (SCHLEGEL NO. QEZ 345)	-
55	WATER BAR	STEEL
56	#8 X 1" PPH SMS	SS

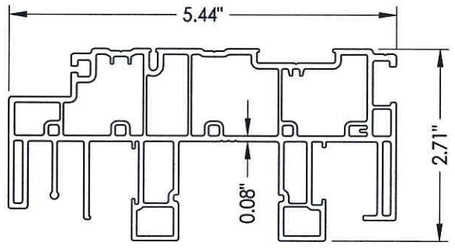
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



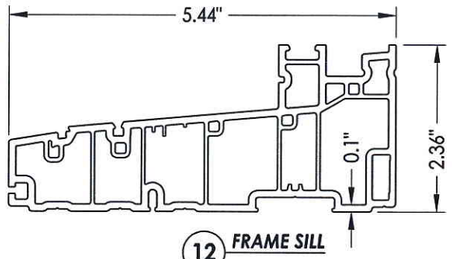
G1 GLAZING DETAIL



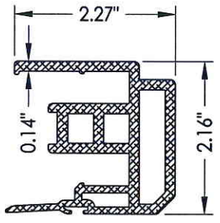
26 ANCHOR STRAP



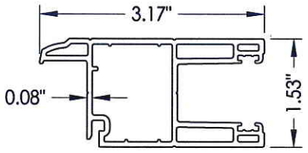
1 FRAME HEAD



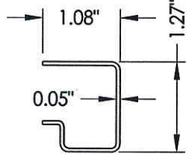
12 FRAME SILL



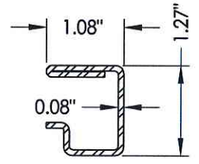
52 INTERLOCK



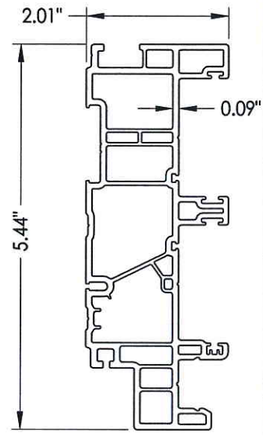
5 STILE, RAIL



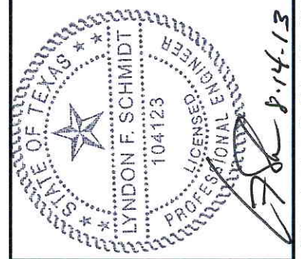
53 REINFORCEMENT
Stile



50 REINFORCEMENT
Meeting rail



34 FRAME JAMB



Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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: SLIDING PATIO DOORS

PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

NO.	DATE	REVISIONS	BY

DATE: 7/9/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4324
SHEET 5 OF 5

© 2013 R.W. BUILDING CONSULTANTS INC.

R:\A - Projects\Project Folders\Proj 1701 - 1800\PF 1709\D. RWBC Drawings\Texas 2013\TX-4323-24.dwg, 5.2