# THERMA TRU®

THERMA TRU DOORS
118 INDUSTRIAL DR., EDGERTON, OH 43517

# "Smooth Star", "Fiber Classic" & "Classic Craft"

## Glazed Fiberglass Double Door w/ or w/o Sidelites

### INSWING / OUTSWING "Non-Impact"

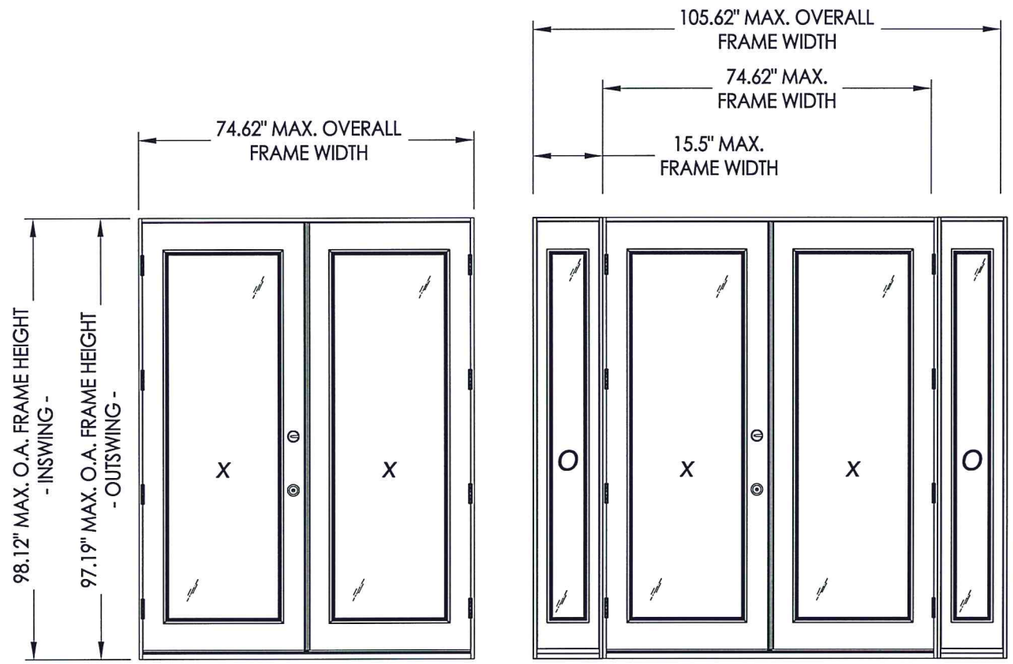
EVALUATED FOR USE IN THE STATE OF TEXAS

The Therma-Tru FIBERGLASS 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, the opaque doors do not require impact protection while the sidelites are 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.
5. Fiber-Classic and Smooth-Star Door and Sidelite panels require the use of "J" part numbers. These door and sidelite panels must be stained or painted within six months of installation.

**TABLE OF CONTENTS**


| SHEET # | DESCRIPTION |
|---|---|
| 1 | Typical elevations, design pressures & general notes |
| 2 | Door panel & glazing detail (Smooth Star/Fiber Classic) |
| 3 | Door panel & glazing detail (Smooth Star/Fiber Classic) |
| 4 | Door panel & glazing detail (Classic Craft) |
| 5 | Sidelite panel & glazing detail (Smooth Star/Fiber Classic) |
| 6 | Sidelite panel & glazing detail (Classic Craft) |
| 7 | Elevations |
| 8 | Horizontal cross sections |
| 9 | Vertical cross sections |
| 10 | Vertical cross sections |
| 11 | Frame anchoring |
| 12 | Astragal details |
| 13 | Bill of materials and components |


| CONFIGURATION | MAX. FRAME DIMENSION | SWING | DESIGN PRESSURE (PSF) | |
|---|---|---|---|---|
| | | | POSITIVE | NEGATIVE |
| XX | 74.62" x 98.12" | INSWING | +30.0 | -35.0 |
| | 74.62" x97.19" | OUTSWING | +30.0 | -30.0 |
| OXXO | 105.62" x 98.12" | INSWING | +30.0 | -35.0 |
| | 105.62" x 97.19" | OUTSWING | +30.0 | -30.0 |

STATE OF TEXAS * LYNDON F. SCHMIDT 104123 LICENSED PROFESSIONAL ENGINEER
7.22.15

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: THERMA-TRU FIBERGLASS DOOR

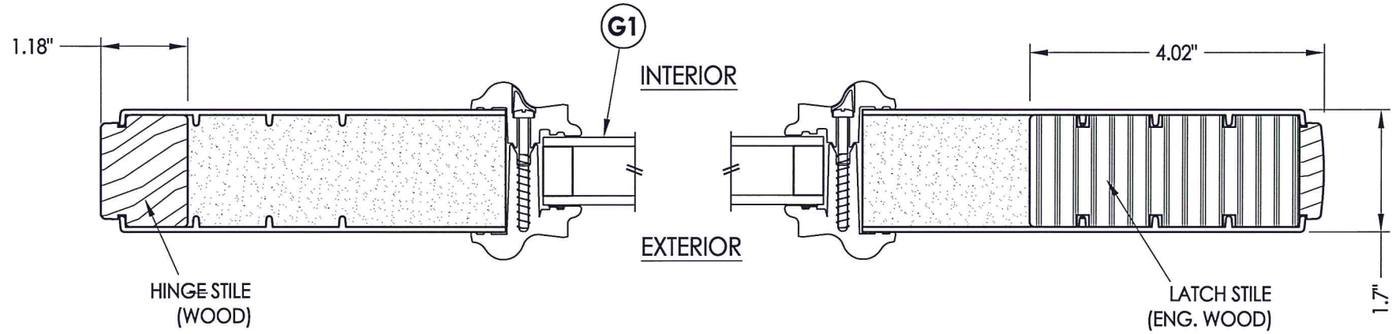
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

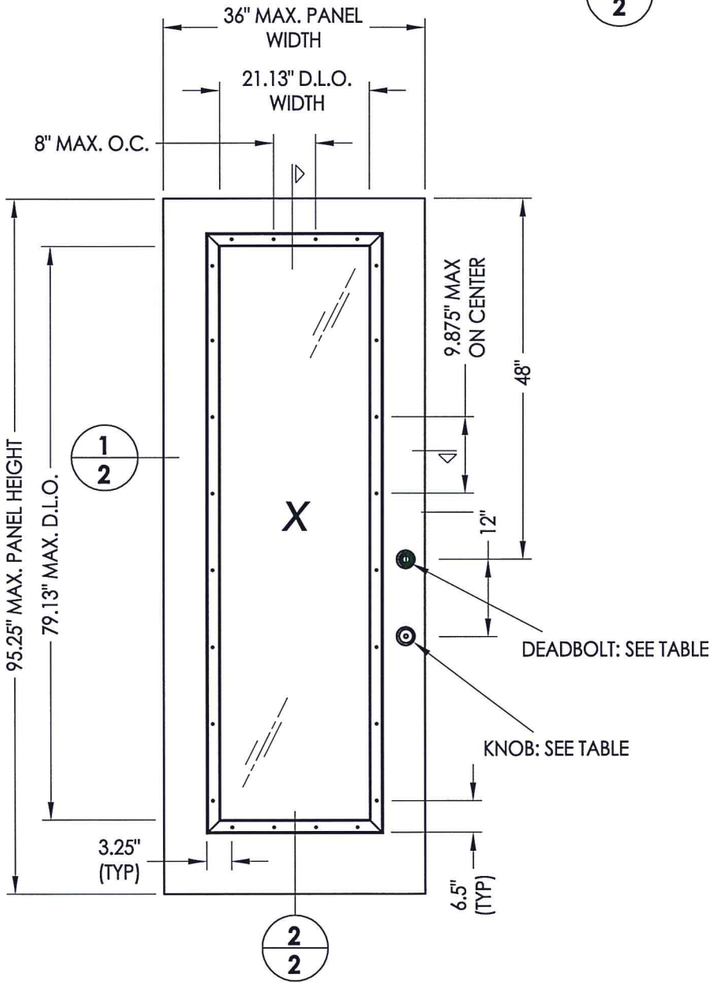
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 1 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

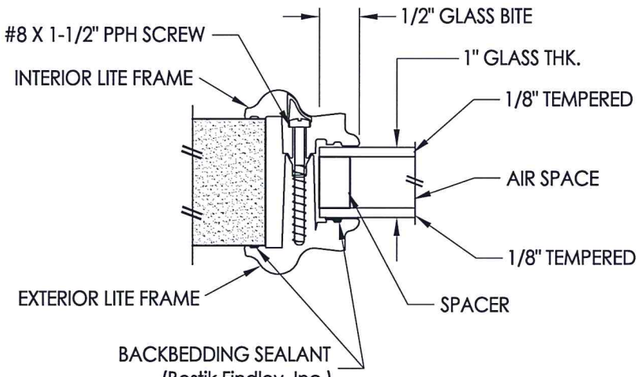
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SL\C - Drawings\Current\TX-4265.dwg, TX-4265



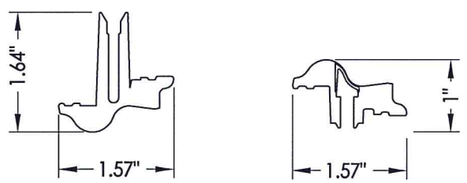

**1/2 HORIZONTAL CROSS SECTION**




**40 DOOR PANEL**
Smooth Star/Fiber Classic



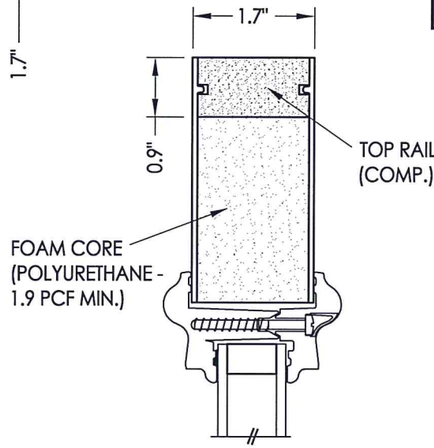

**G1 GLAZING DETAIL**
BTS Lip Lite Frame



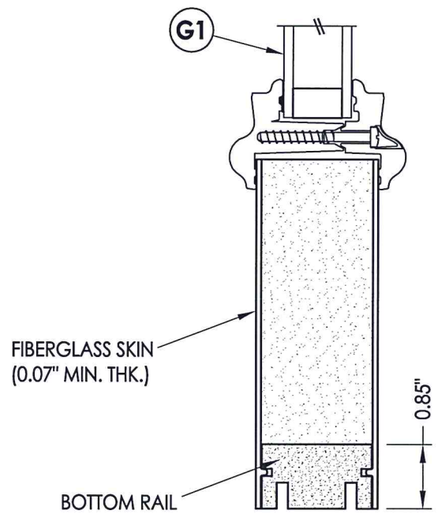

***EXTERIOR LITE FRAME***
BTS

***INTERIOR LITE FRAME***
BTS

| HARDWARE TABLE | |
|---|---|
| **MANUFACTURER** | **MODEL** |
| KWIKSET | KNOB: SIGNATURE SERIES<br>DEADBOLT: SIGNATURE SERIES (980) |
| SCHLAGE | KNOB: "F" SERIES<br>DEADBOLT: "B" SERIES |




EXTERIOR INTERIOR




**2/2 VERTICAL CROSS SECTION**

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
22.15

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: THERMA-TRU FIBERGLASS DOOR

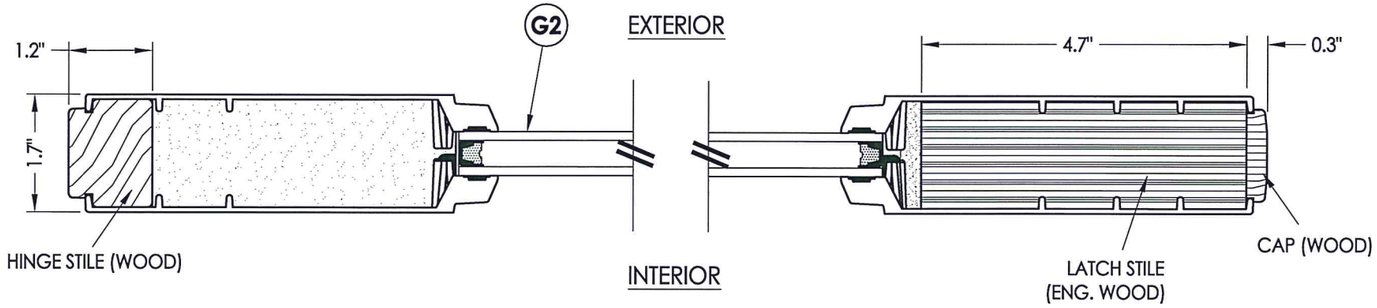
PART OR ASSEMBLY: DOOR PANEL & GLAZING DETAIL (SMOOTH STAR/FIBER CLASSIC)

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

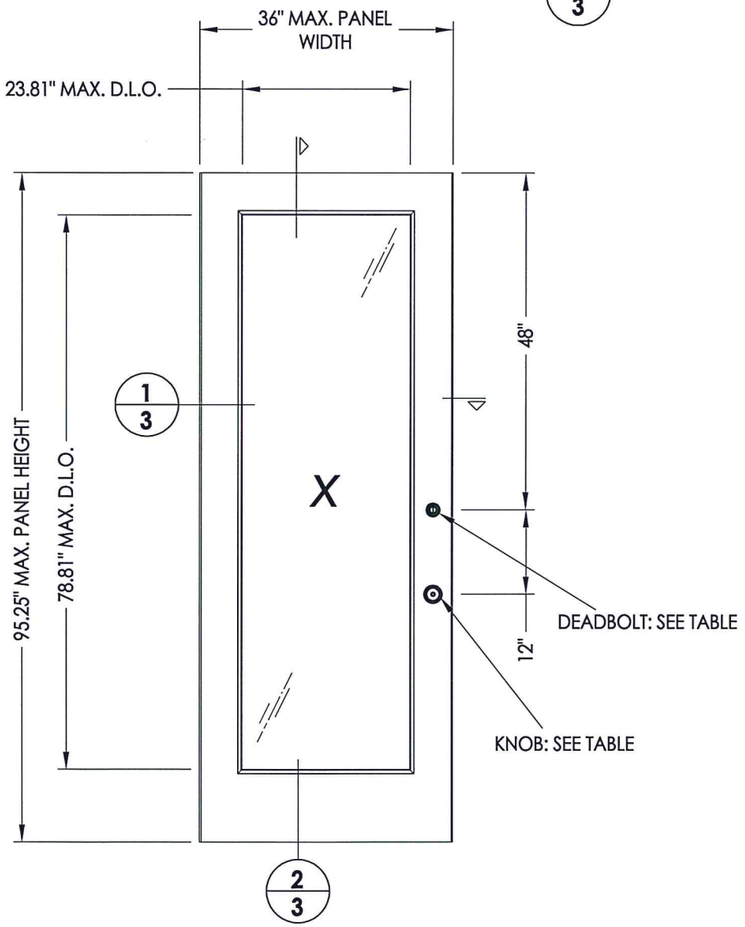
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 2 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

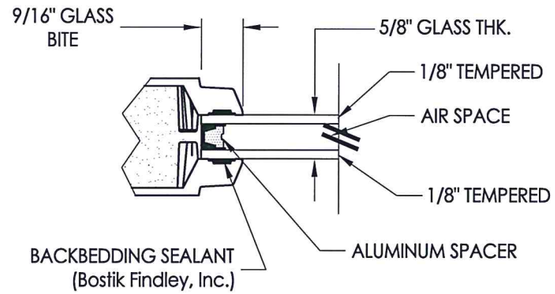
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SL\C - Drawings\Current\TX-4265.dwg, 2.2




1/3 **HORIZONTAL CROSS SECTION**

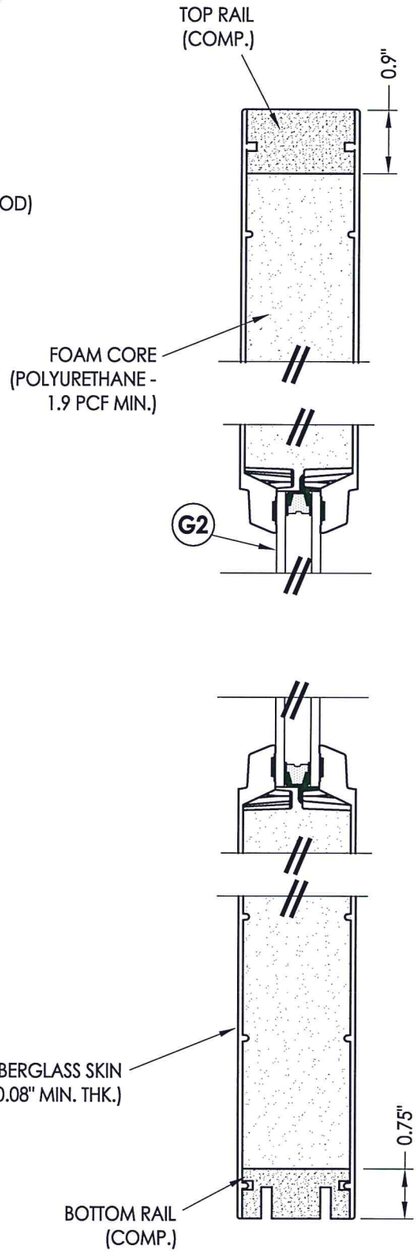



41 **DOOR PANEL**
Smooth Star/Fiber Classic




G2 **GLAZING DETAIL**
Flush Glazed

| HARDWARE TABLE | |
|---|---|
| **MANUFACTURER** | **MODEL** |
| KWIKSET | KNOB: SIGNATURE SERIES<br>DEADBOLT: SIGNATURE SERIES (980) |
| SCHLAGE | KNOB: "F" SERIES<br>DEADBOLT: "B" SERIES |




2/3 **VERTICAL CROSS SECTION**

STATE OF TEXAS · LYNDON F. SCHMIDT · 104123 · PROFESSIONAL ENGINEER · 7.22.15


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: *THERMA-TRU FIBERGLASS DOOR*

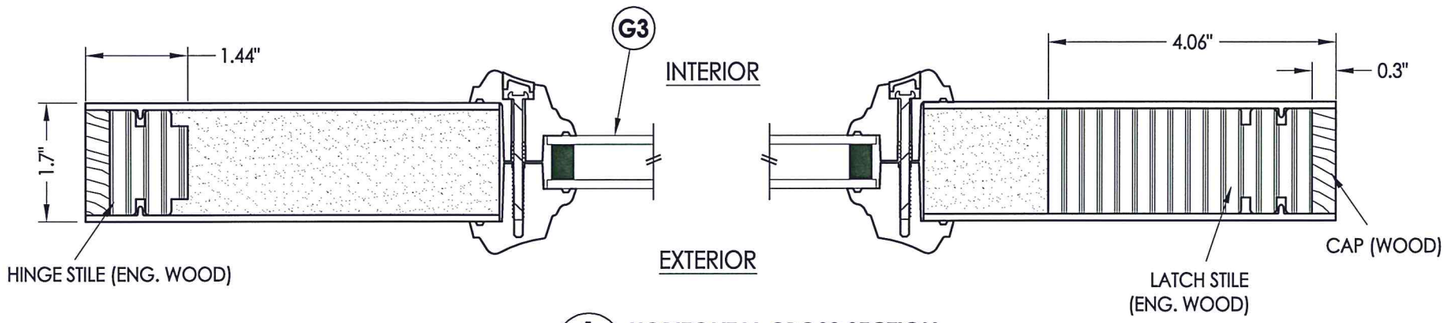
PART OR ASSEMBLY: *DOOR PANEL & GLAZING DETAIL (SMOOTH STAR/FIBER CLASSIC)*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

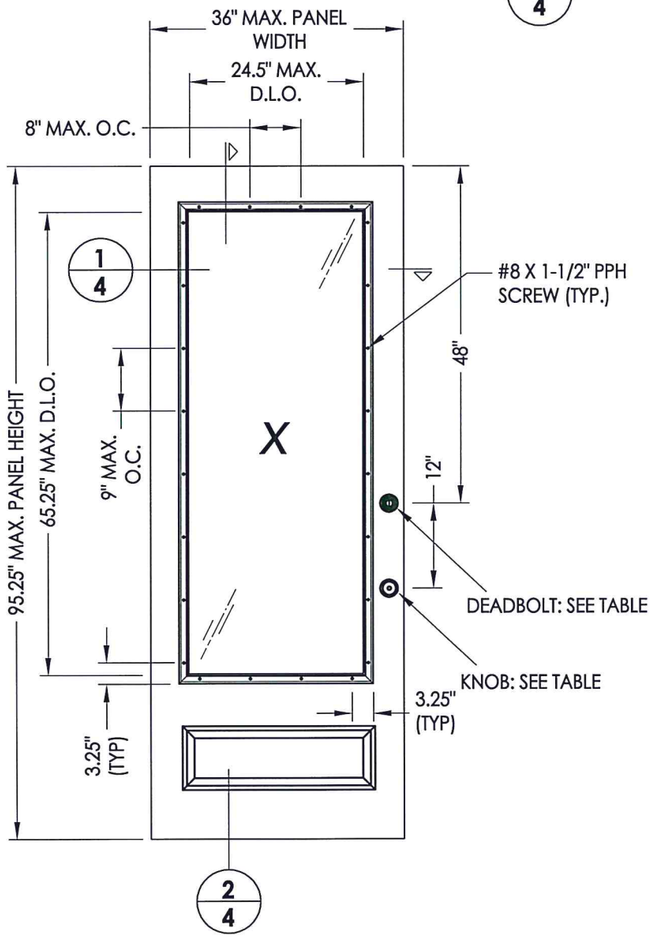
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 3 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

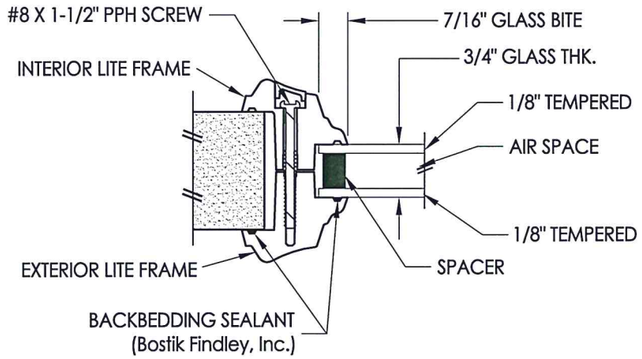
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SLLC - Drawings\Current\TX-4265.dwg, 3.2



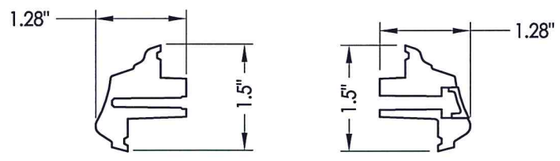

**1/4 HORIZONTAL CROSS SECTION**




**42 DOOR PANEL**
Classic Craft



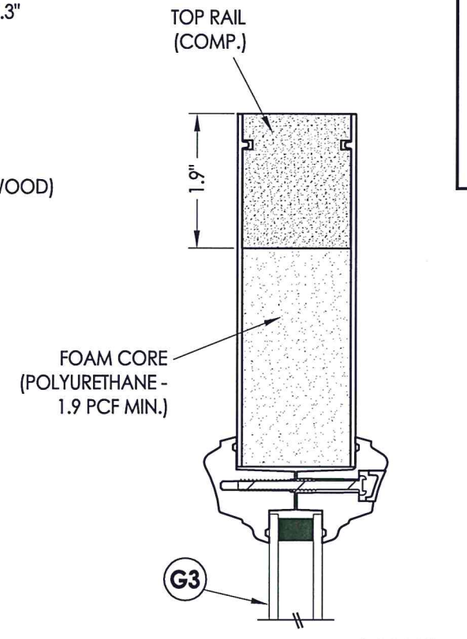

**G3 GLAZING DETAIL**
SMC Lip Lite Frame

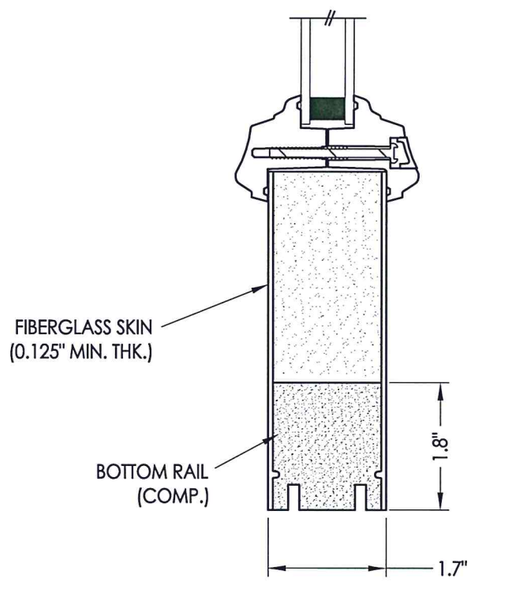



**EXTERIOR LITE FRAME**
SMC

**INTERIOR LITE FRAME**
SMC

| HARDWARE TABLE | |
|---|---|
| **MANUFACTURER** | **MODEL** |
| KWIKSET | KNOB: SIGNATURE SERIES<br>DEADBOLT: SIGNATURE SERIES (980) |
| SCHLAGE | KNOB: "F" SERIES<br>DEADBOLT: "B" SERIES |




**2/4 VERTICAL CROSS SECTION**

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
5.22.15


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: *THERMA-TRU FIBERGLASS DOOR*

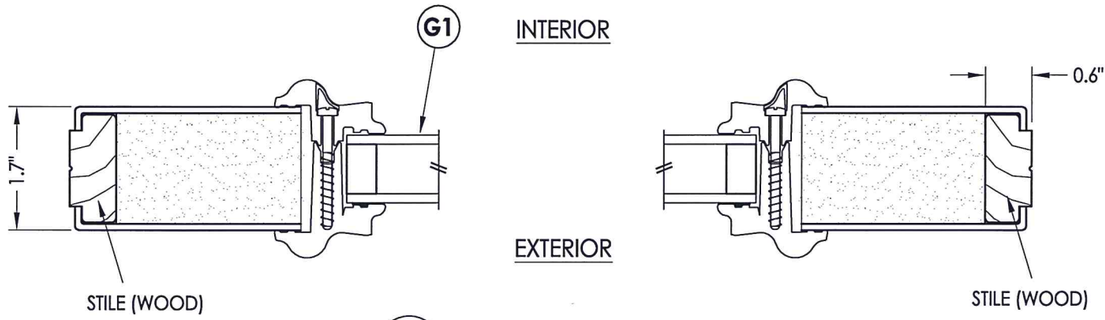
PART OR ASSEMBLY: *DOOR PANEL & GLAZING DETAIL (CLASSIC CRAFT)*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

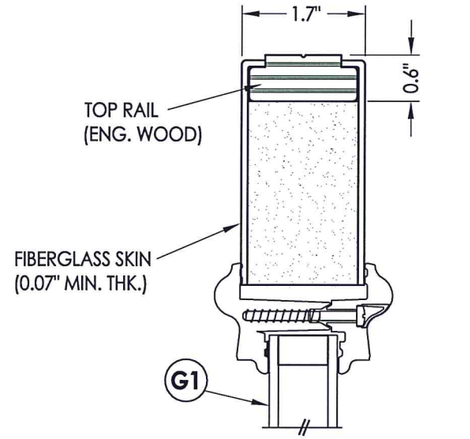
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 4 OF 13

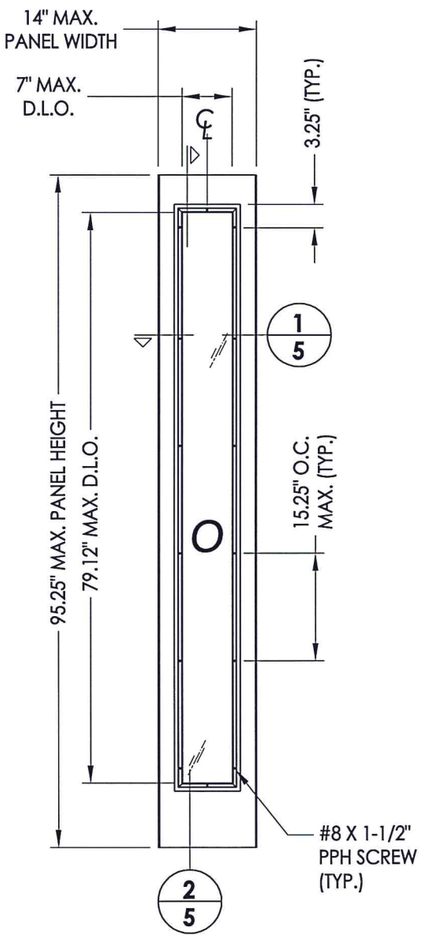
© 2012 R.W. BUILDING CONSULTANTS INC.

R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG Nonlmp 1S - OS Sgls Dbls w SLLC - Drawings\Current\TX-4265.dwg, 4.2

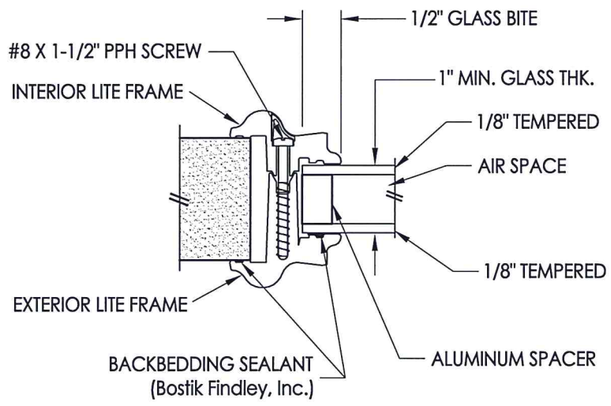



1/5 **HORIZONTAL CROSS SECTION**

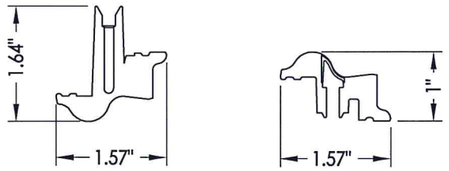



50 **SIDELITE PANEL**
Smooth Star/Fiber Classic

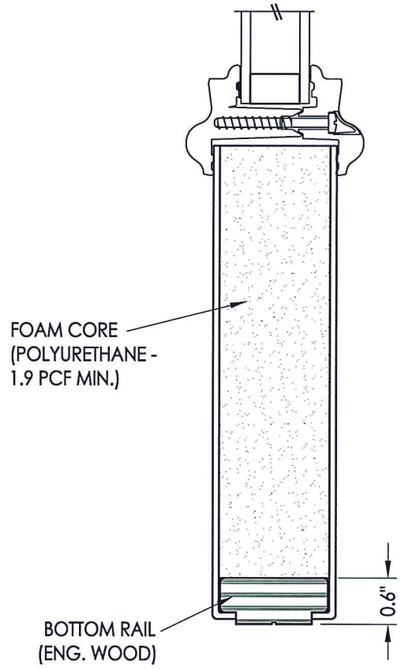



G1 **GLAZING DETAIL**
Lip Lite Frame




**EXTERIOR LITE FRAME**
BTS

**INTERIOR LITE FRAME**
BTS




2/5 **VERTICAL CROSS SECTION**


STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
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: *THERMA-TRU FIBERGLASS DOOR*

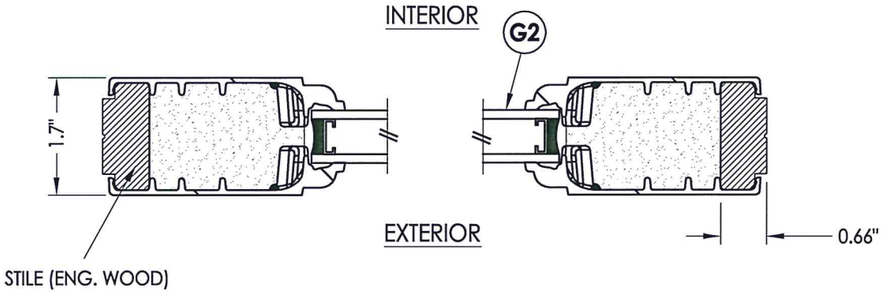
PART OR ASSEMBLY: *SIDELITE PANEL & GLAZING DETAIL (SMOOTH STAR/FIBER CLASSIC)*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

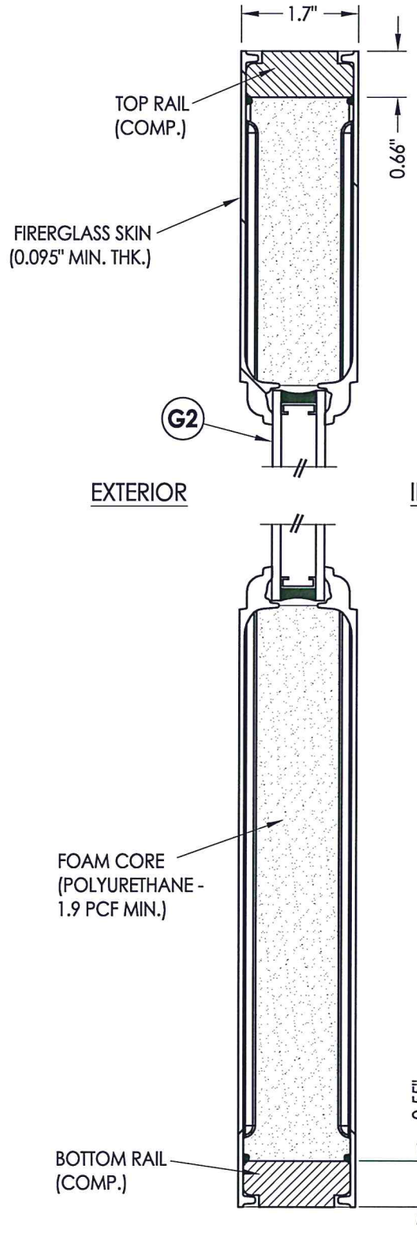
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 5 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

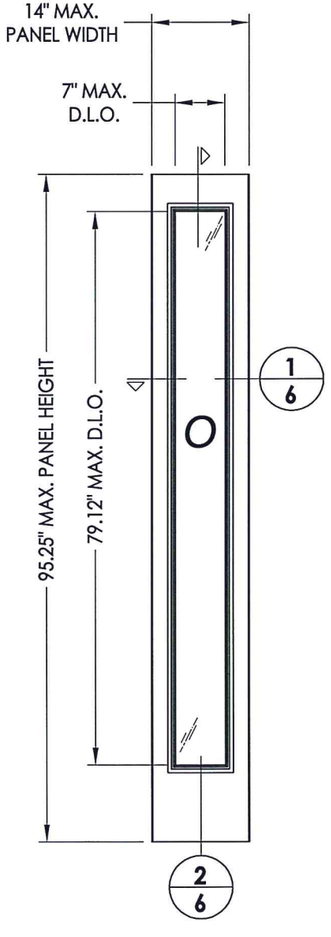
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG Nonimp IS - OS Sgls Dbls w SLC - Drawings\Current\TX-4265.dwg, 5.2



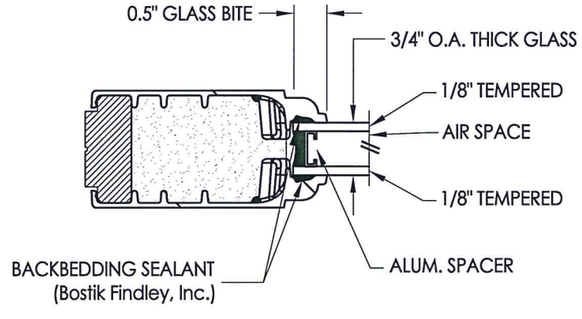

1/6 **HORIZONTAL CROSS SECTION**




2/6 **VERTICAL CROSS SECTION**




51 **SIDELITE PANEL**
Classic Craft




G2 **GLAZING DETAIL**
Flush Glazed


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


STATE OF TEXAS — LYNDON F. SCHMIDT — 104123 — LICENSED PROFESSIONAL ENGINEER — 7.22.15

PRODUCT: *THERMA-TRU FIBERGLASS DOOR*
PART OR ASSEMBLY: *SIDELITE PANEL & GLAZING DETAIL (CLASSIC CRAFT)*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 6 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SLVC - Drawings\Current\TX-4265.dwg, 6.2

ELEVATION (XX)




ELEVATION (OXXO)

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER

7.22.15

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:
THERMA-TRU
FIBERGLASS DOOR

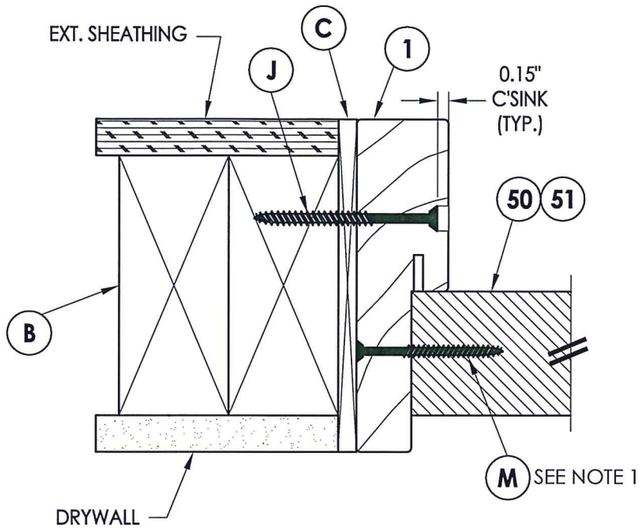
PART OR ASSEMBLY:
ELEVATIONS

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 7 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

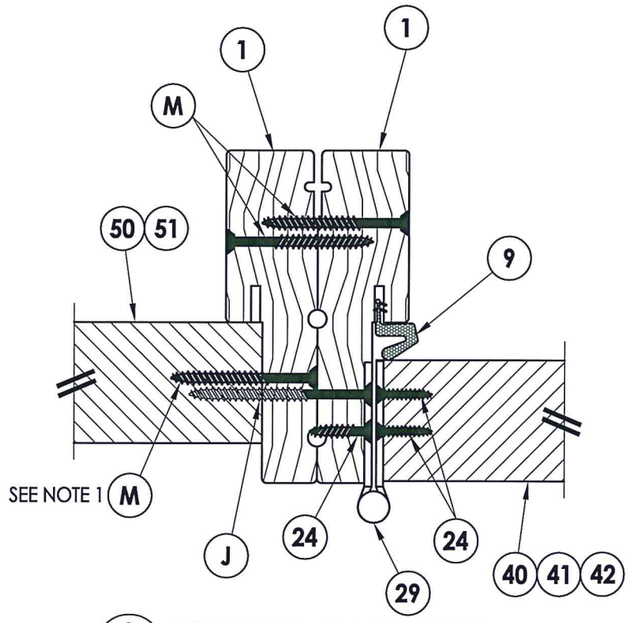
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SLVC - Drawings\Current\TX-4265.dwg, 7.2




1/8 **HORIZONTAL CROSS SECTION**
Inswing shown - Outswing also approved

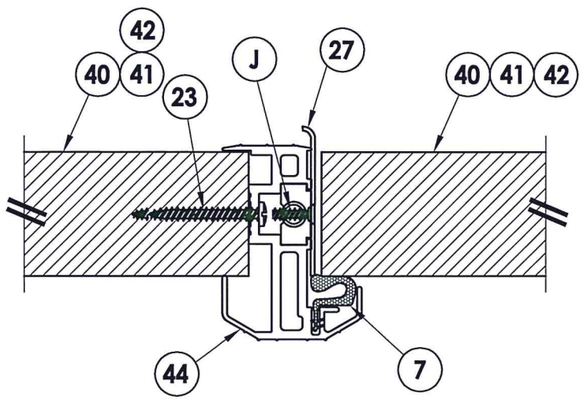
EXTERIOR

INTERIOR




3/8 **HORIZONTAL CROSS SECTION**
Inswing shown

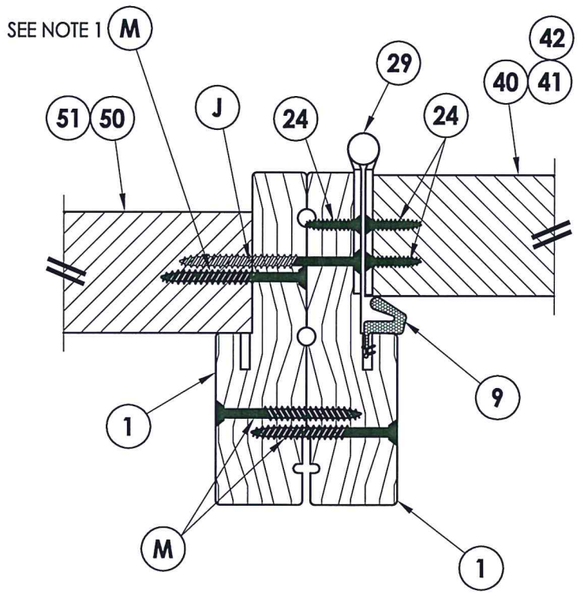
Note:
1. Sidelite assembly screws located 6" from each end plus 4 more equally spaced (6 total).




2/8 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved

EXTERIOR

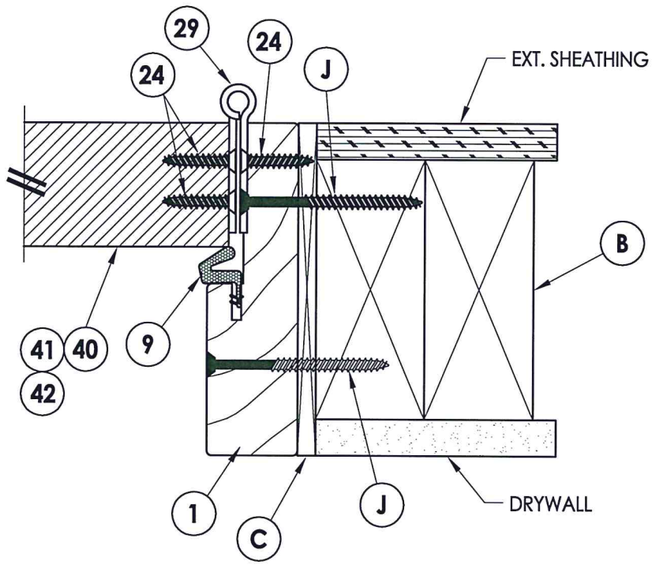
INTERIOR




4/8 **HORIZONTAL CROSS SECTION**
Outswing shown

EXTERIOR

INTERIOR




5/8 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved

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: THERMA-TRU FIBERGLASS DOOR

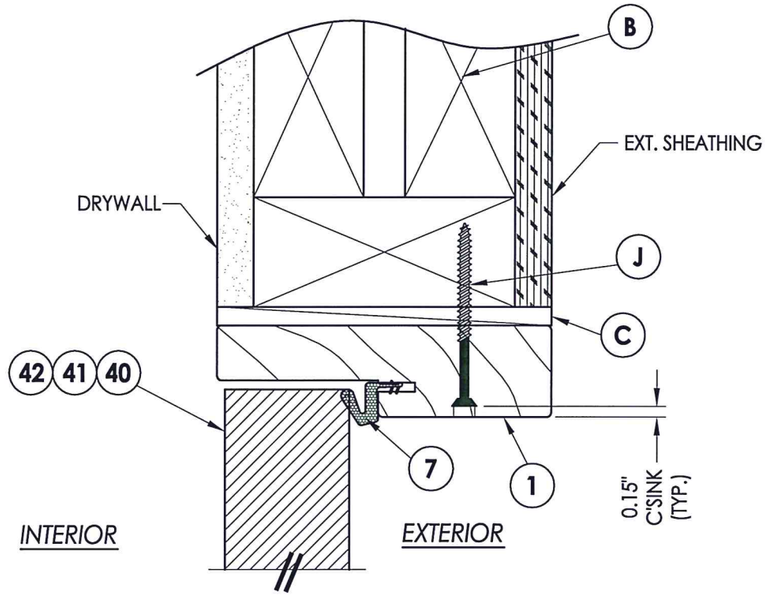
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

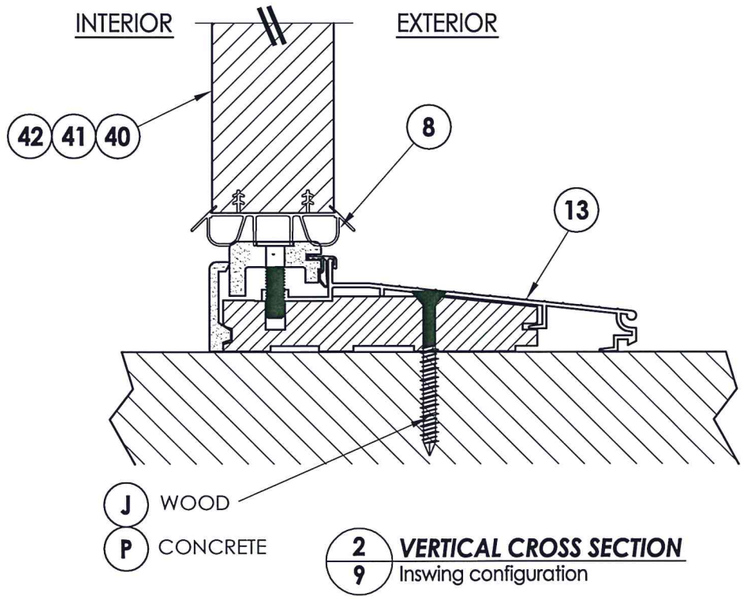
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 8 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

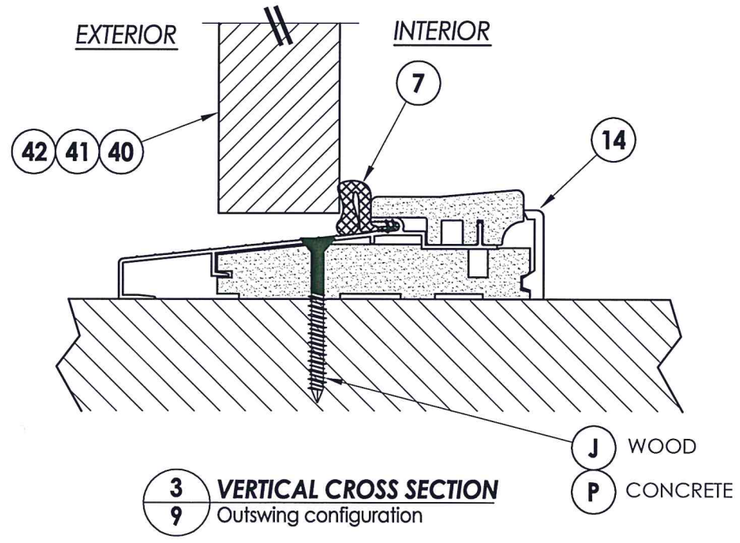
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SLC - Drawings\Current\TX-4265.dwg, 8.2




1/9 **VERTICAL CROSS SECTION**
Inswing shown - Outswing also approved




2/9 **VERTICAL CROSS SECTION**
Inswing configuration




3/9 **VERTICAL CROSS SECTION**
Outswing configuration

STATE OF TEXAS ★★★ LYNDON F. SCHMIDT 104123 LICENSED PROFESSIONAL ENGINEER
7.22.12


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.: 813.859.9197

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


PRODUCT: *THERMA-TRU FIBERGLASS DOOR*

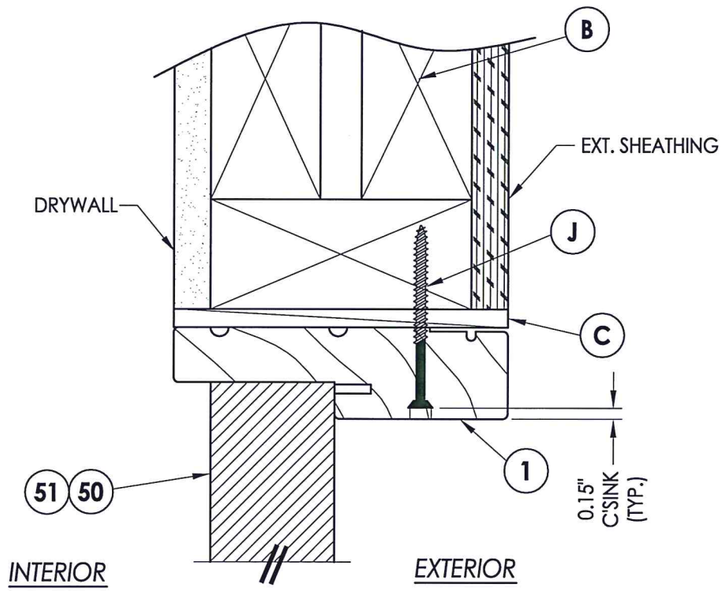
PART OR ASSEMBLY: *VERTICAL CROSS SECTIONS*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

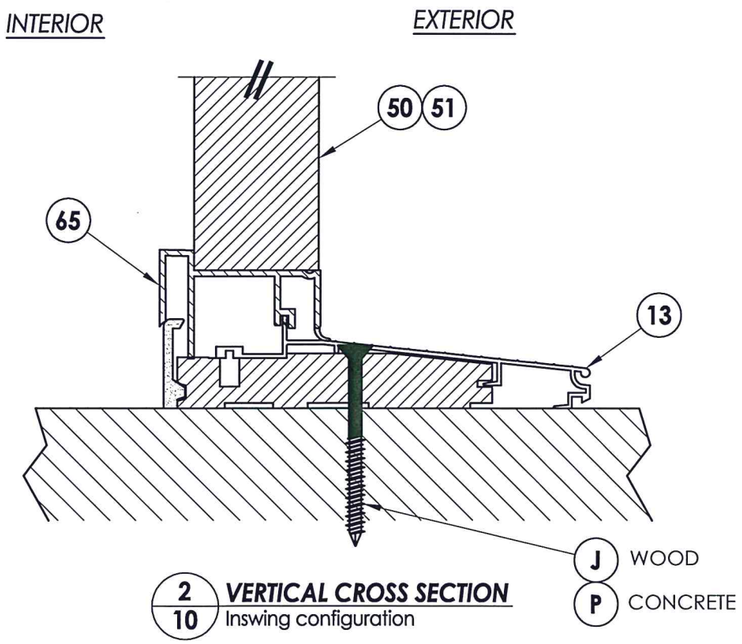
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 9 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

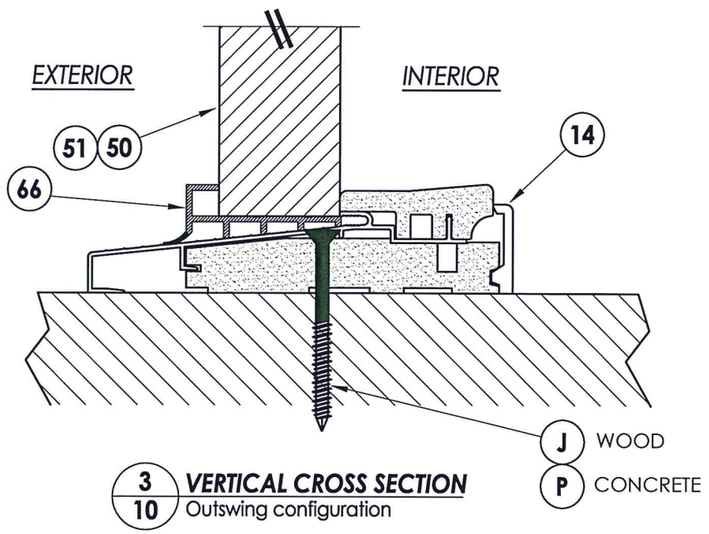
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SL\C - Drawings\Current\TX-4265.dwg, 9.2




**1/10 VERTICAL CROSS SECTION**
Inswing shown - Outswing also approved




**2/10 VERTICAL CROSS SECTION**
Inswing configuration




**3/10 VERTICAL CROSS SECTION**
Outswing configuration


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


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

PRODUCT: *THERMA-TRU FIBERGLASS DOOR*

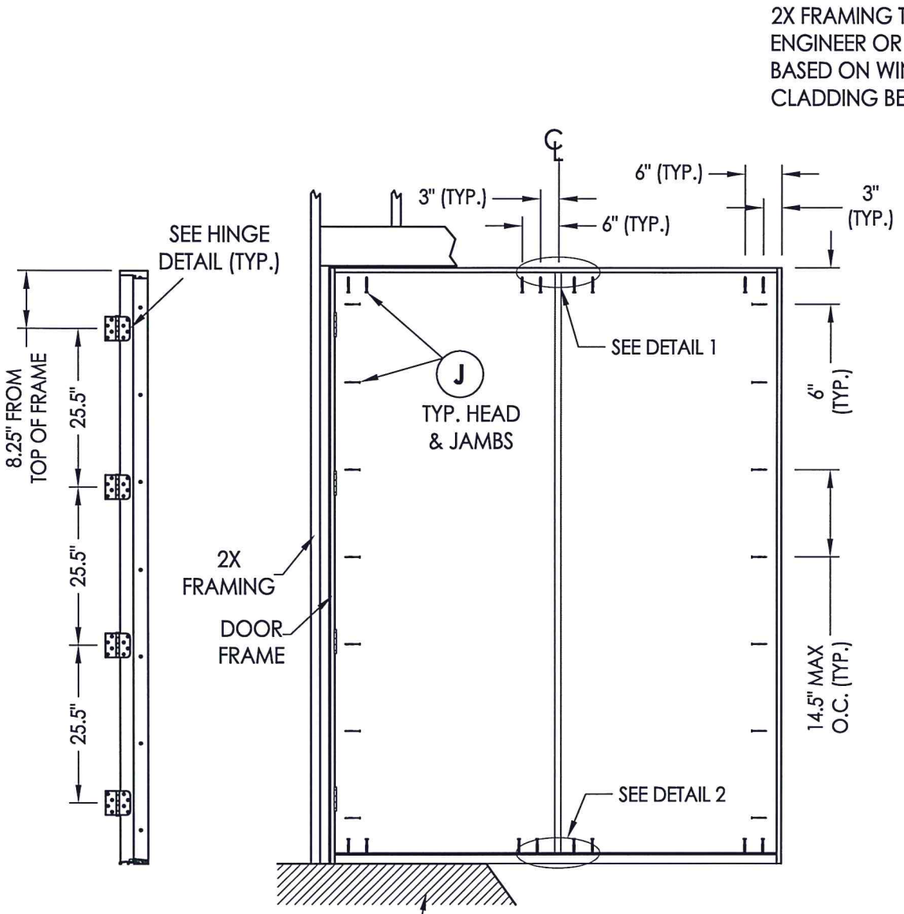
PART OR ASSEMBLY: *VERTICAL CROSS SECTIONS*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

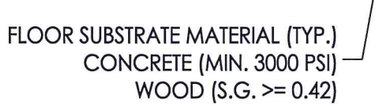
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 10 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SL\C - Drawings\Current\TX-4265.dwg, 10.2



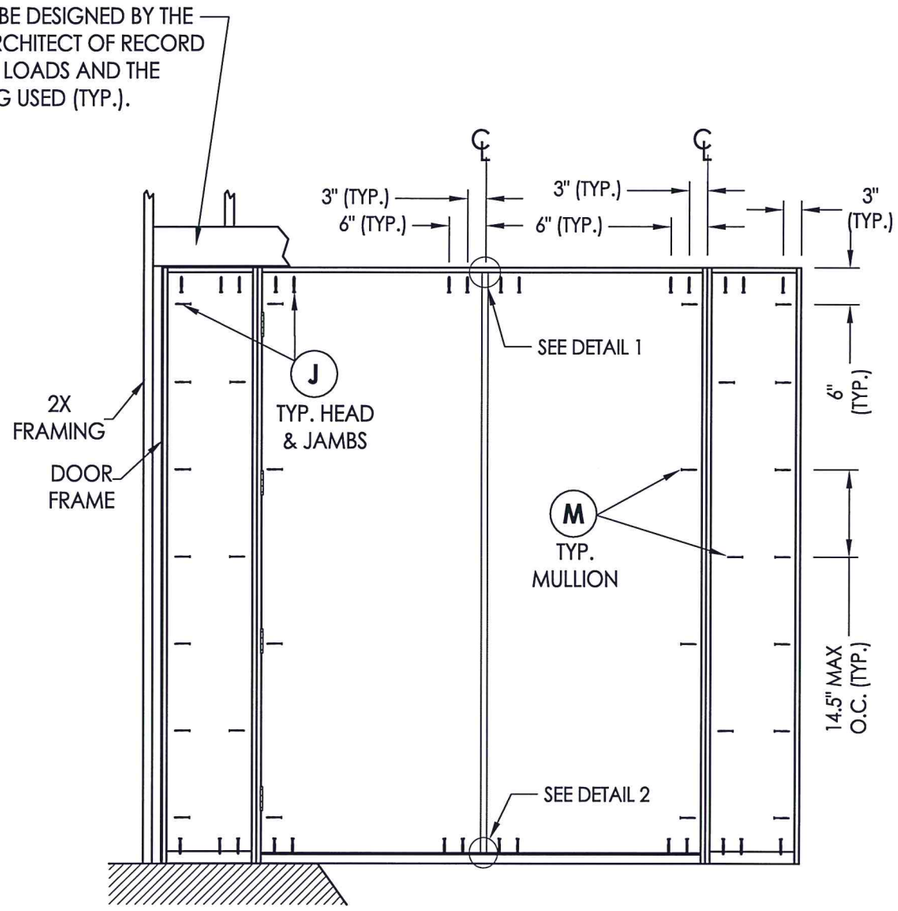

**HINGE JAMB**



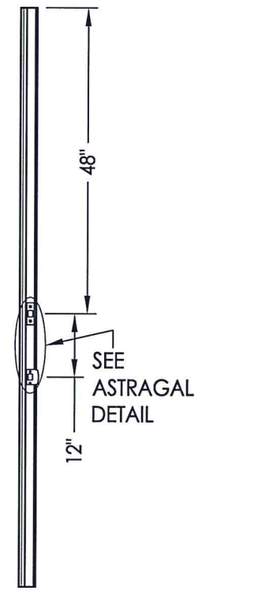



**FRAME ANCHORING**
XX

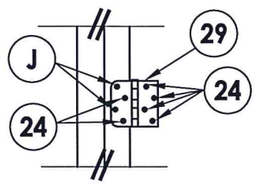
2X FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED (TYP.).



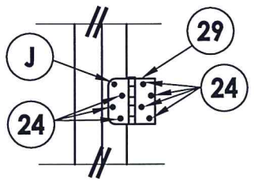

**FRAME ANCHORING**
OXXO



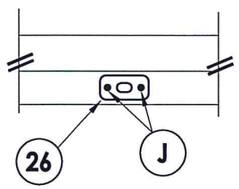

**ASTRAGAL STRIKE**



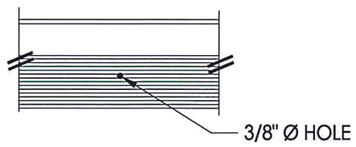

**HINGE DETAIL**
Inswing



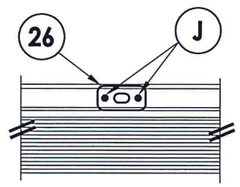

**HINGE DETAIL**
Outswing



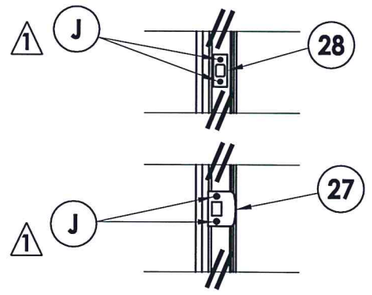

**DETAIL 1**
Astragal Strike Plate




**DETAIL 2**
Astragal throw bolt hole
Outswing




**DETAIL 2**
Astragal Strike Plate
Inswing




**ASTRAGAL DETAIL**
@ Strike


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: *THERMA-TRU FIBERGLASS DOOR*

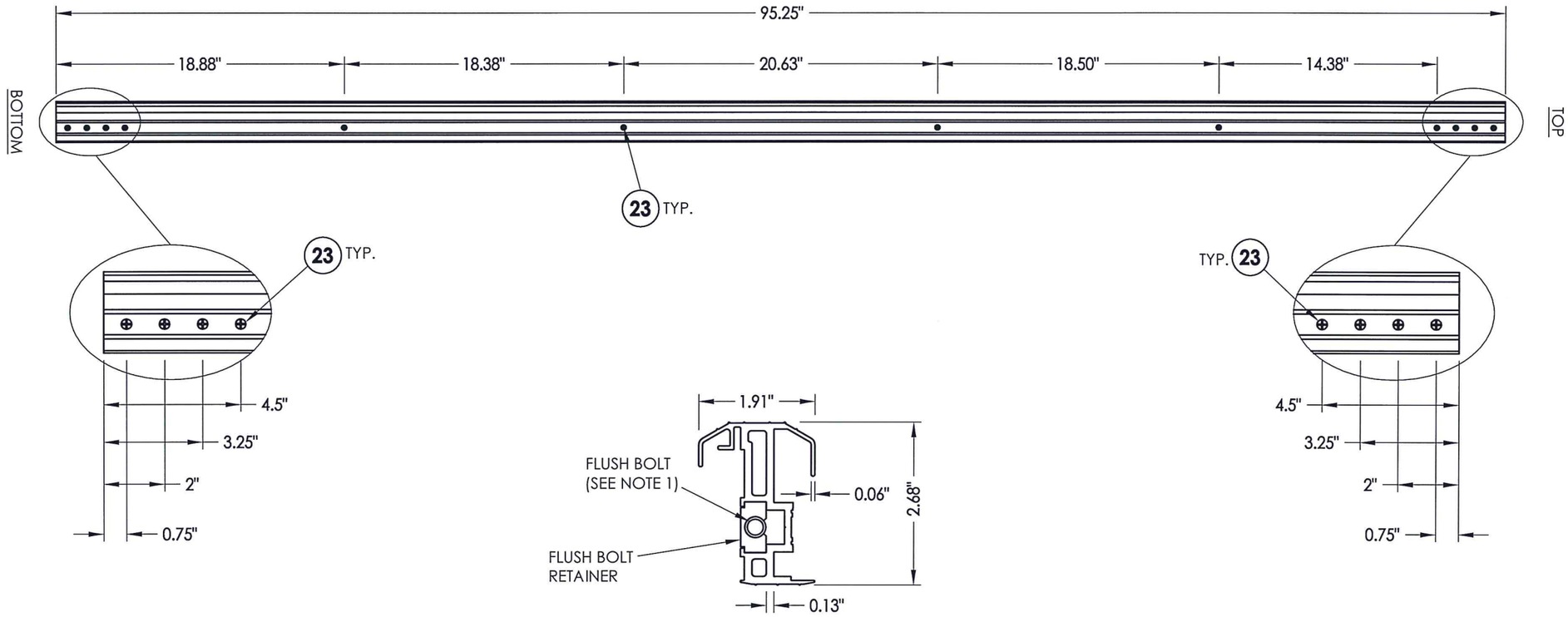
PART OR ASSEMBLY: *FRAME ANCHORING*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 11 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SLVC - Drawings\Current\TX-4265.dwg, 11.2




**44 ASTRAGAL DETAIL**

NOTE:

1. THE ASTRAGAL BOLT HAS A 3" THROW AT THE TOP AND AT THE BOTTOM.

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
7.22.15


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: *THERMA-TRU FIBERGLASS DOOR*

PART OR ASSEMBLY: *ASTRAGAL DETAILS*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

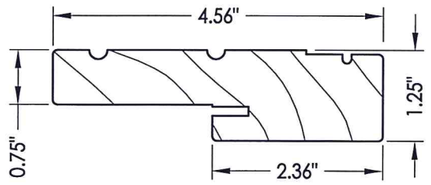
DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 12 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

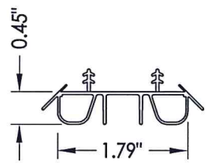
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SLC - Drawings\Current\TX-4265.dwg, 12.2

## BILL OF MATERIALS

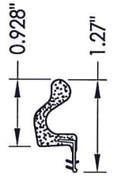
| ITEM # | DESCRIPTION | MATERIAL |
|---|---|---|
| B | 2X BUCK (SG >= 0.42) | WOOD |
| C | 1/4" MAX. SHIM SPACE | - |
| J | #10 X 2-1/2" PFH WOOD SCREW (MIN. EMB. = 1.15" HEAD/JAMBS, 1-1/2" SILL) | STEEL |
| M | #10 X 2" PFH WOOD SCREW | STEEL |
| P | 1/4" PFH ELCO OR ITW CONCRETE SCREW (1-3/4" MIN. EMB.) | STEEL |
| 1 | JAMB - FINGER JOINTED PINE | WOOD |
| 7 | WEATHERSTRIP (Long Reach by Therma-Tru) | FOAM |
| 8 | SWEEP | VINYL |
| 9 | WEATHERSTRIP (Medium Reach by Therma-Tru) | FOAM |
| 13 | INSWING THRESHOLD | ALUM/COMP |
| 14 | OUTSWING THRESHOLD | ALUM/COMP |
| 23 | #10 X 1-1/2" PH SMS | STEEL |
| 24 | #10 x 1" PFH WOOD SCREW | STEEL |
| 26 | ASTRAGAL STRIKE PLATE | STEEL |
| 27 | LATCH STRIKE PLATE | STEEL |
| 28 | DEADBOLT STRIKE PLATE | STEEL |
| 29 | 4" X 4" HINGE | STEEL |
| 40 | DOOR PANEL (SMOOTH STAR/FIBER CLASSIC) | - |
| 41 | DOOR PANEL (SMOOTH STAR/FIBER CLASSIC) | - |
| 42 | DOOR PANEL (CLASSIC CRAFT) | - |
| 44 | HURRICANE ASTRAGAL | - |
| 50 | SIDELITE PANEL (SMOOTH STAR/FIBER CLASSIC) | - |
| 51 | SIDELITE PANEL (CLASSIC CRAFT) | - |
| 65 | INSWING SIDELITE ADAPTER | PVC |
| 66 | OUTSWING SIDELITE ADAPTER | PVC |



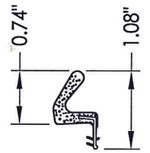

1 **WOOD JAMB**



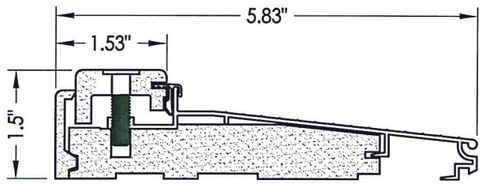

8 **SWEEP**



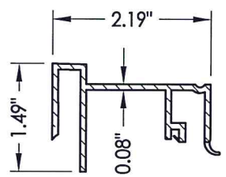

7 **WEATHERSTRIP** Long Reach



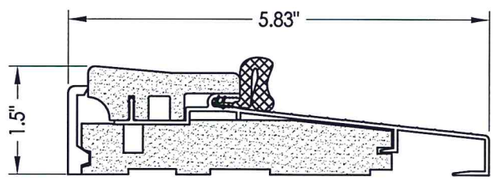

9 **WEATHERSTRIP** Medium Reach



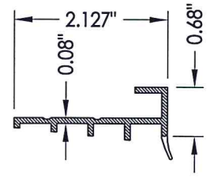

13 **INSWING THRESHOLD**




65 **INSWING SIDELITE** ADAPTER




14 **OUTSWING THRESHOLD**




66 **OUTSWING SIDELITE** ADAPTER

*CONCRETE ANCHOR NOTES:*

1. *Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.*
2. *Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.*
3. *Concrete anchor table:*

| ANCHOR TYPE | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|---|---|---|---|---|
| ITW TAPCON® | 1/4" | 1-3/4" | 2-1/2" | 3" |
| ELCO ULTRACON® | 1/4" | 1-3/4" | 1" | 3" |

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


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: *THERMA-TRU FIBERGLASS DOOR*

PART OR ASSEMBLY: *BILL OF MATERIALS & COMPONENTS*

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 2 | 7/22/15 | ADDED GENERAL NOTE 5. | LFS |
| 1 | 3/14/13 | Revise Astragal Strike Detail | JK |

DATE: 10/08/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4265
SHEET 13 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 602 - 68 - 80 Glazed FG NonImp IS - OS Sgls Dbls w SLC - Drawings\Current\TX-4265.dwg, 13.2