

INTERNATIONAL WOOD TRADE

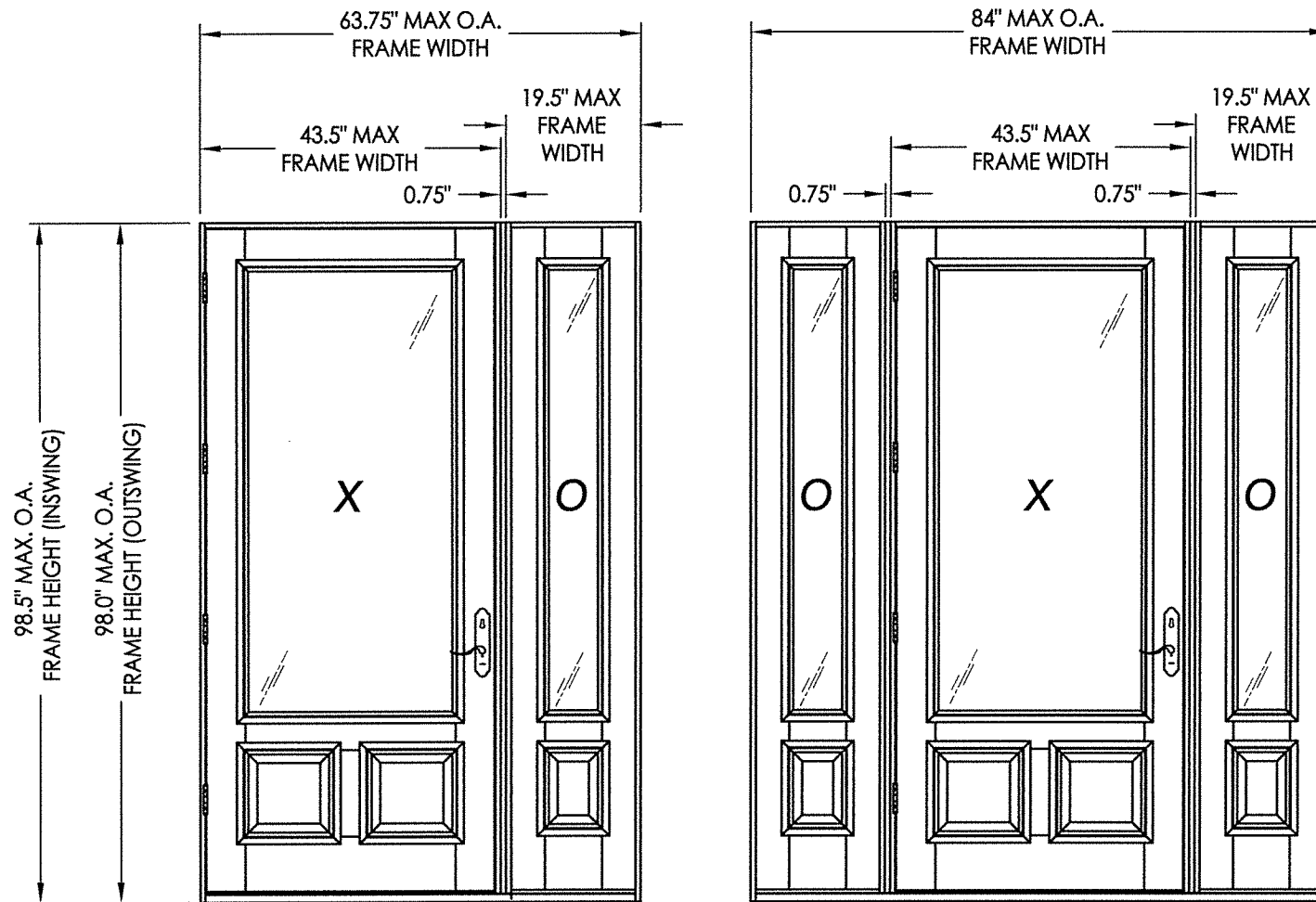
WOOD GLAZED OR OPAQUE SINGLE DOOR w/ SIDELITE(S)

INSWING/OUTSWING "NON-IMPACT"

GENERAL NOTES

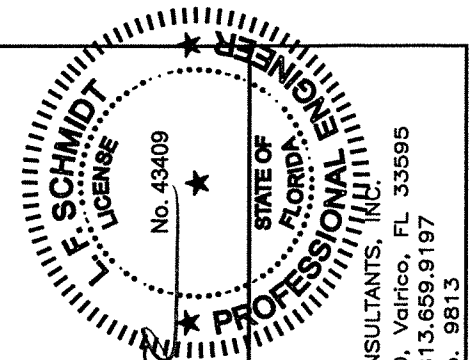
1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. 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 1609.1.2 of the FBC.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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| 2 | Door Panel Details |
| 3 | Sidelite Panel Details |
| 4 | Elevations |
| 5 | Horizontal & Vertical Cross Sections (2X Buck) |
| 6 | Horizontal & Vertical Cross Sections (1X Buck) |
| 7 | Horizontal & Vertical Cross Sections (Direct to Masonry) |
| 8 | Vertical Cross Sections (Thresholds) |
| 9 | Buck Anchoring |
| 10 | Frame Anchoring |
| 11 | Hardware Details |
| 12 | Bill of Materials & Components |



| CONFIGURATION | LOCK HARDWARE | DESIGN PRESSURE (PSF) INSWING | | DESIGN PRESSURE (PSF) OUTSWING | |
|---------------|---------------|-------------------------------|----------|--------------------------------|----------|
| | | POSITIVE | NEGATIVE | POSITIVE | NEGATIVE |
| XO, OX, OXXO | Multipoint* | +75.0 | -80.0 | +75.0 | -75.0 |

*See Sheet 4 for Hardware Specifications

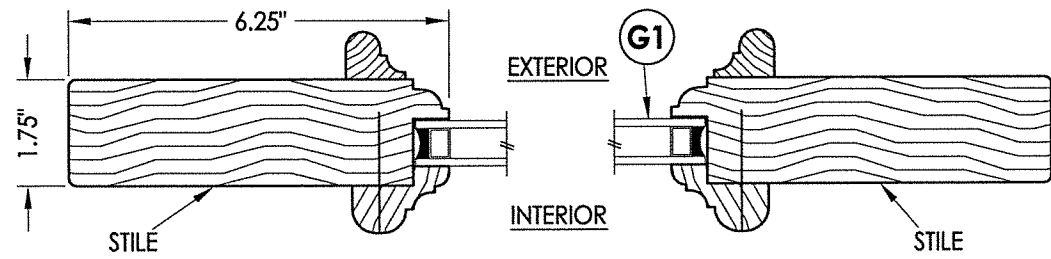


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Lyndon F. Schmidt
P.E. No. 43409

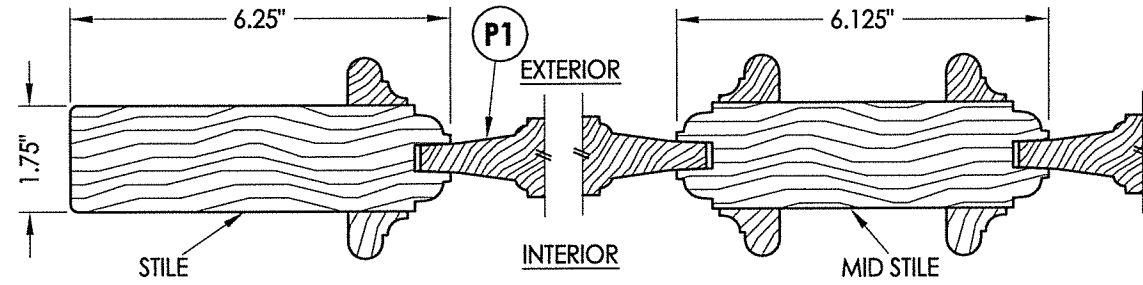
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

| | |
|-------------------|---|
| PRODUCT: | INTERNATIONAL WOOD TRADE WOOD DOOR |
| PART OR ASSEMBLY: | TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES |
| DATE: | 8/10/16 |
| SCALE: | N.T.S. |
| DWG. BY: | JK |
| CHK. BY: | LFS |
| DRAWING NO.: | FL-20800.5 |
| SHEET | 1 OF 12 |

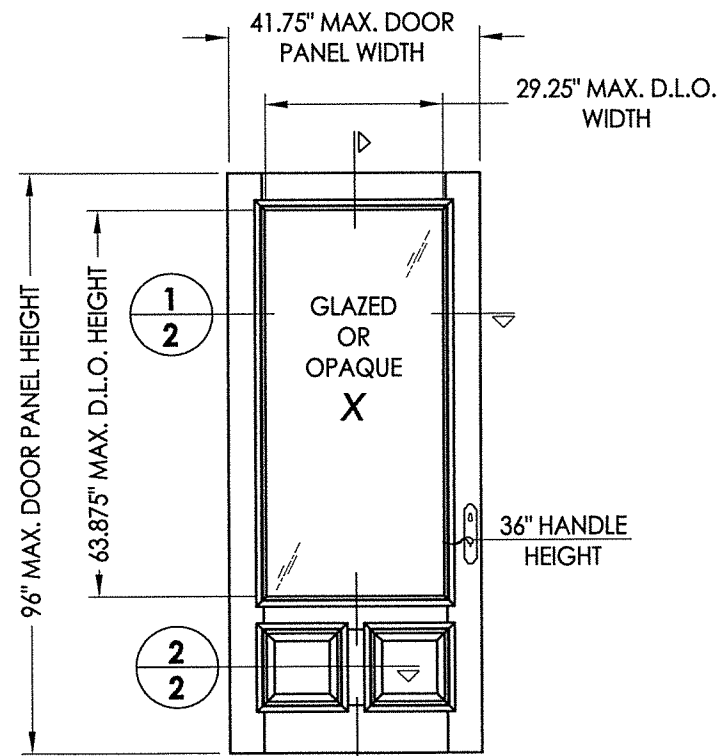
R:\Clients\International Wood Trade VA - Florida Product Approvals\FL-20800 Swinging Exterior Door Assemblies\C - Drawings\FL-20800 (2014)\FL-20800.4-6.dwg, 2.2



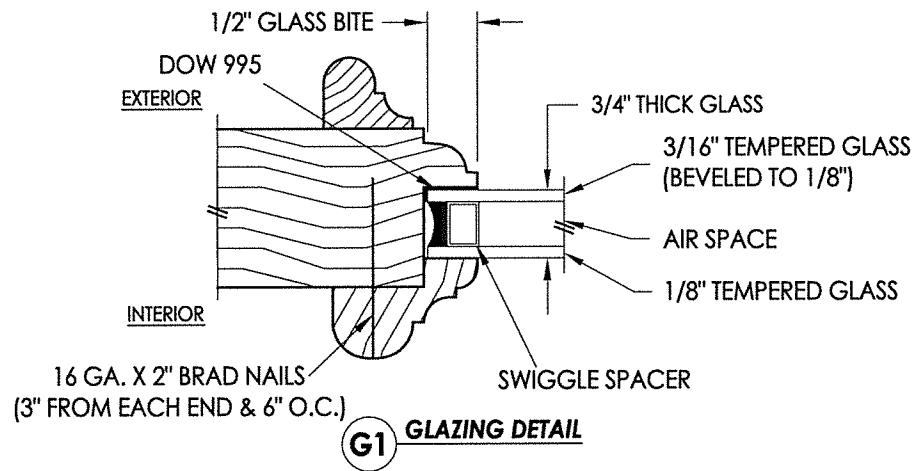
1 HORIZONTAL CROSS SECTION



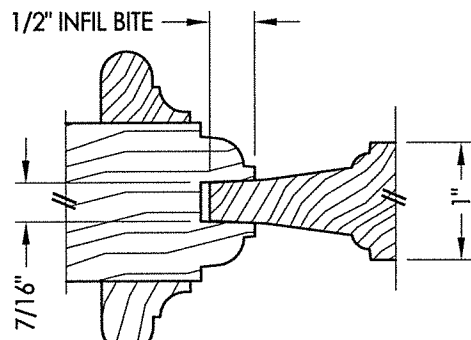
2 HORIZONTAL CROSS SECTION



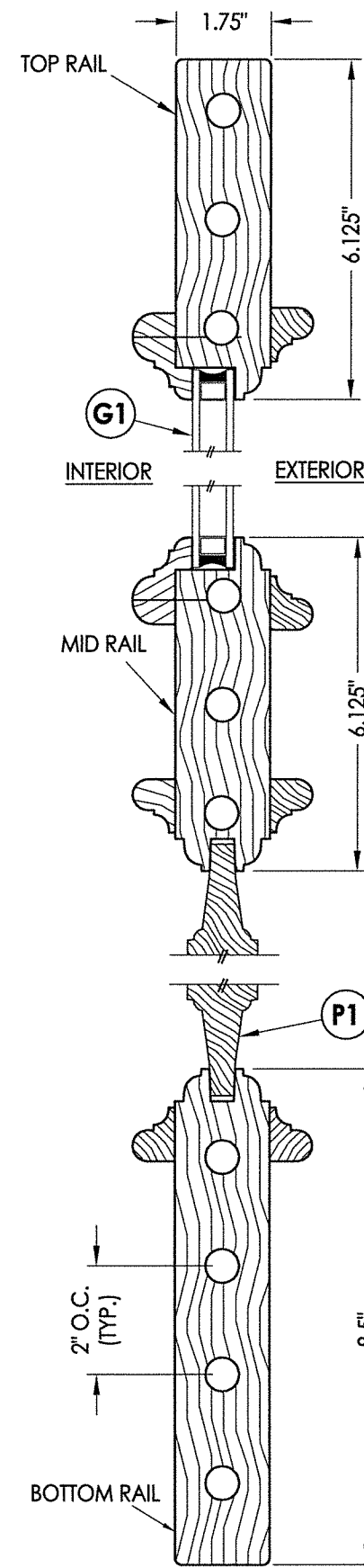
40 WOOD DOOR PANEL
Glazed or Opaque



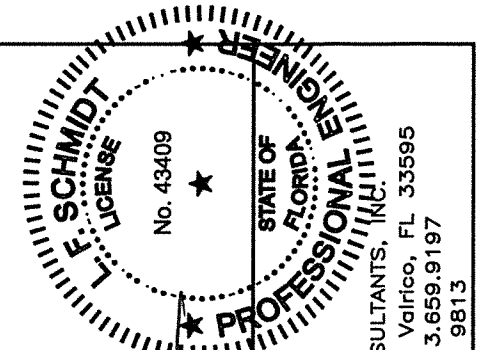
G1 GLAZING DETAIL



P1 PANEL INFIL DETAIL



3 VERTICAL CROSS SECTION



LFS
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PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

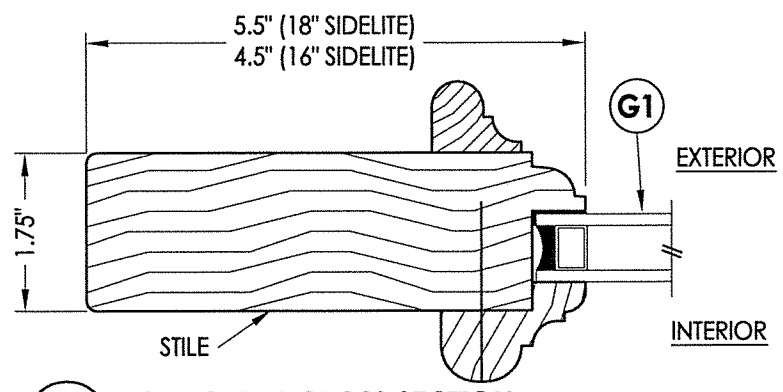
PART OR ASSEMBLY:
DOOR PANEL
DETAILS

| NO. | DATE | BY |
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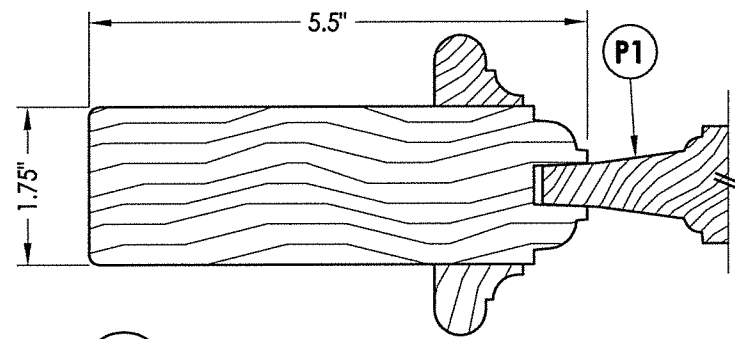
DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.5
SHEET 2 OF 12

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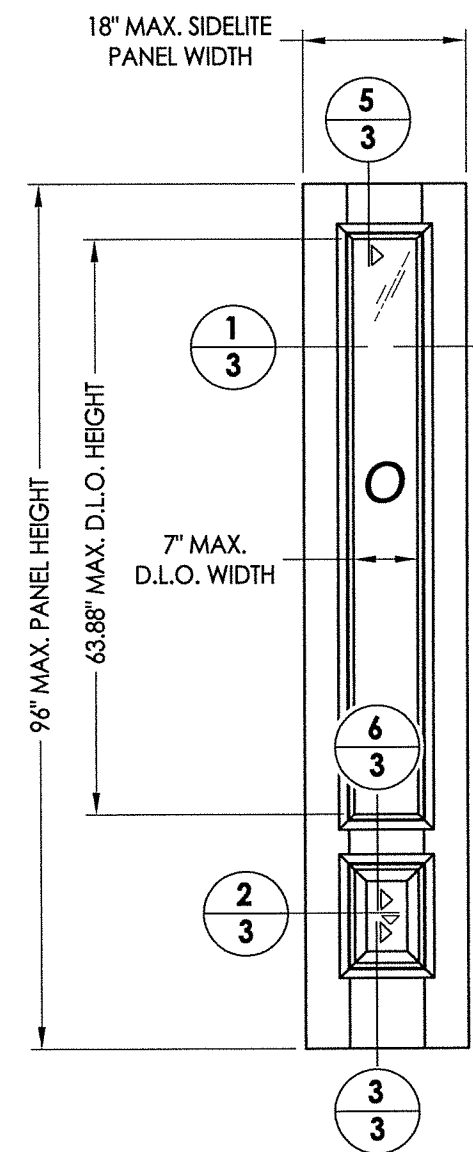
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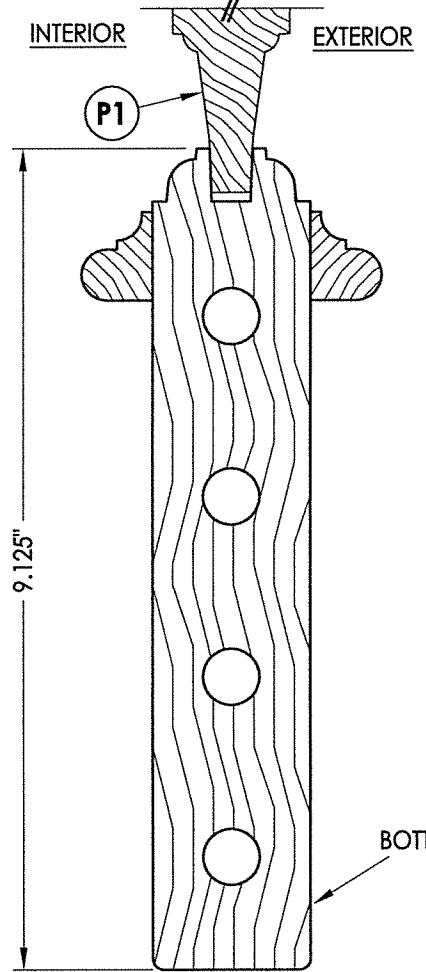
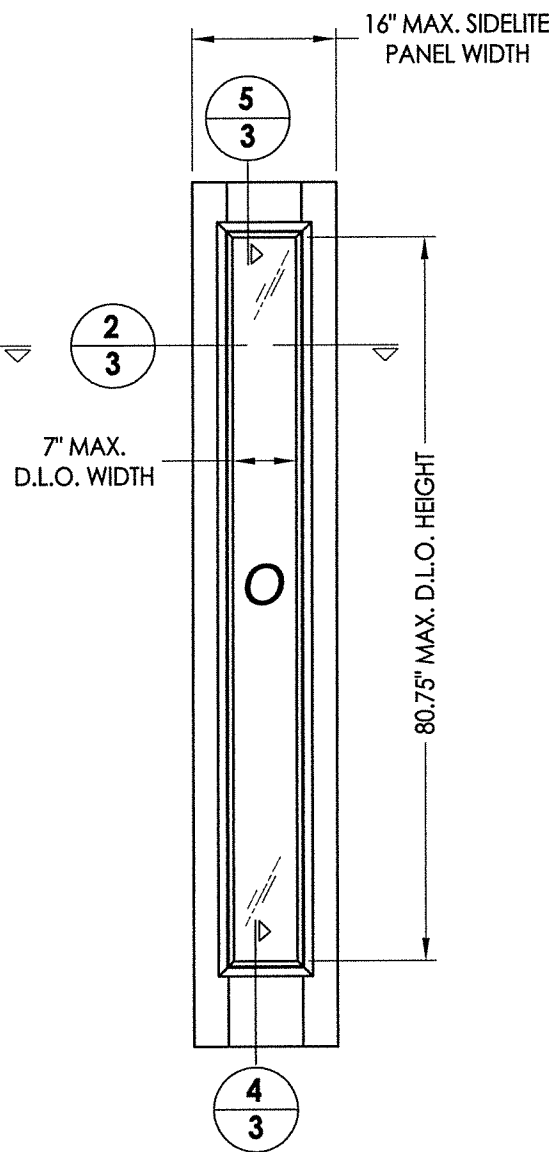
1
3 **HORIZONTAL CROSS SECTION**
Glazed Panel Shown



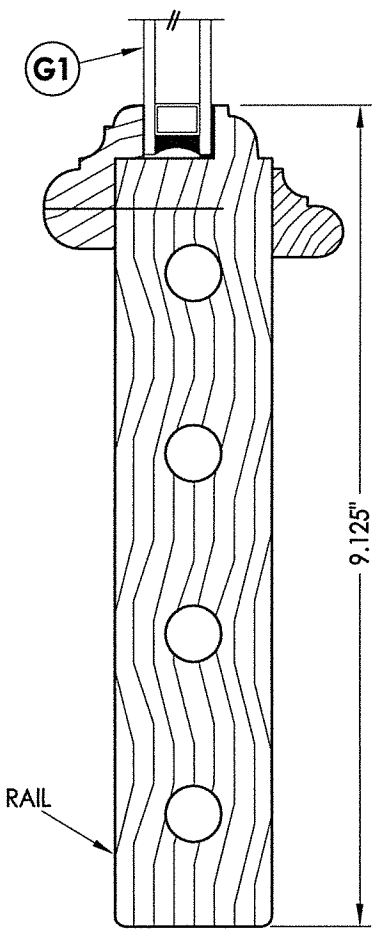
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3 **HORIZONTAL CROSS SECTION**
Opaque Panel Shown



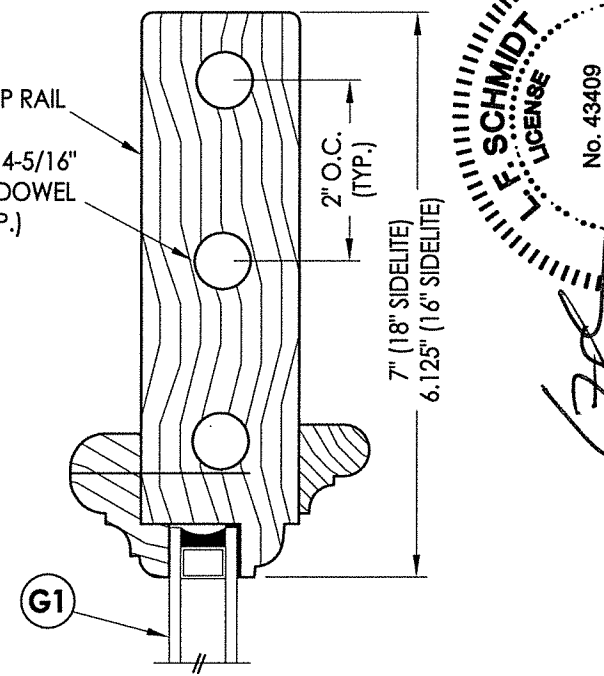
50 **WOOD SIDELITE PANELS**



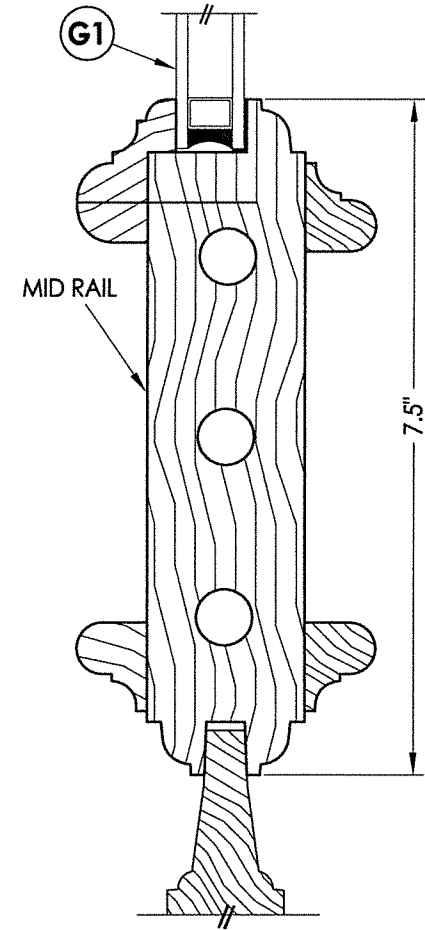
3
3 **VERTICAL CROSS SECTION**



4
3 **VERTICAL CROSS SECTION**

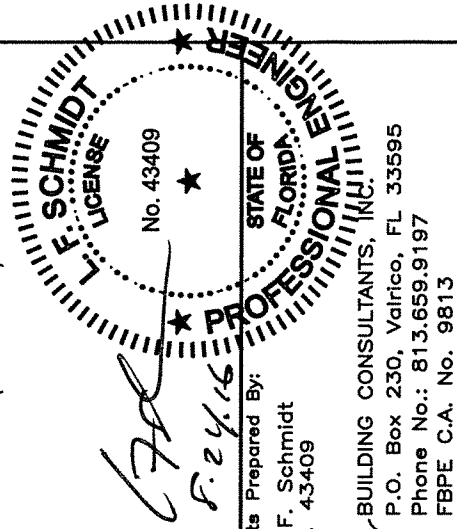


5
3 **VERTICAL CROSS SECTION**



6
3 **VERTICAL CROSS SECTION**

ALL WOOD SIDELITE COMPONENTS: SAPELE (G => 0.55)



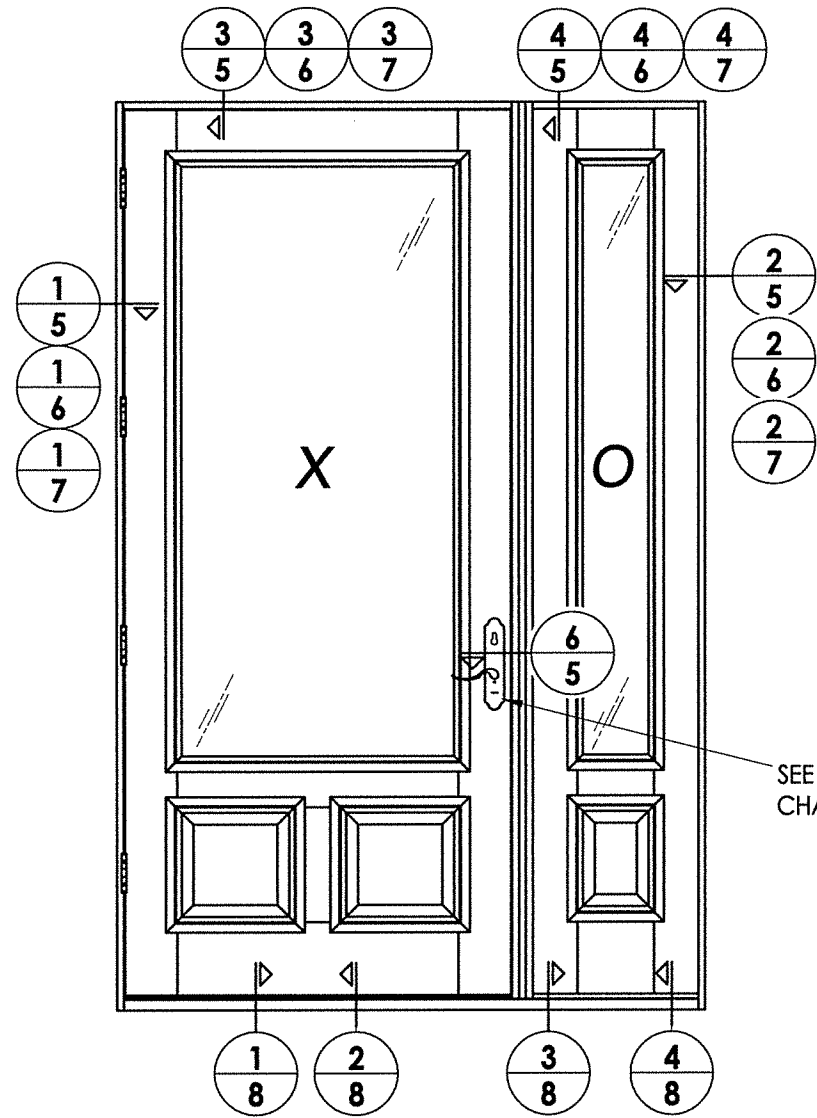
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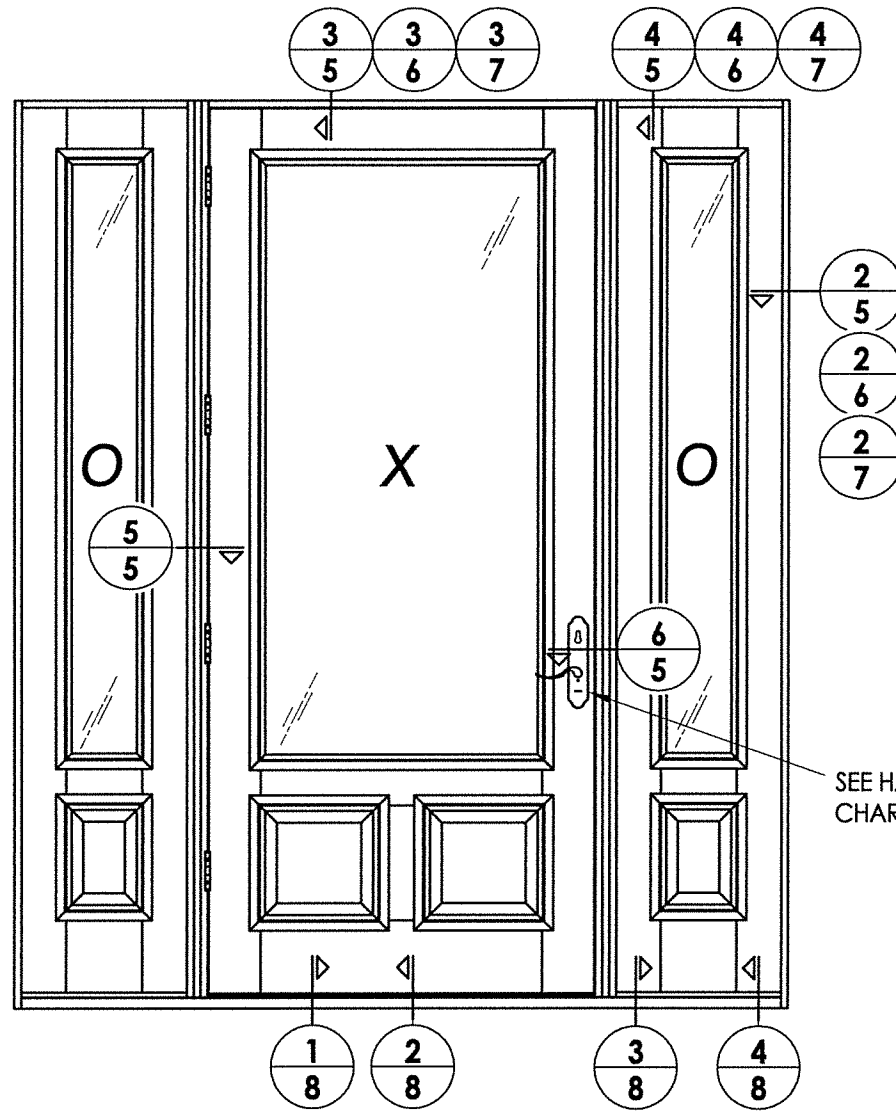
PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR
PART OR ASSEMBLY: DOOR PANEL DETAILS

| NO. | DATE | BY | REVISIONS |
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DATE: 8/17/16
SCALE: N.T.S.
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CHK. BY: LFS
DRAWING NO.: FL-20800.5
SHEET 3 OF 12

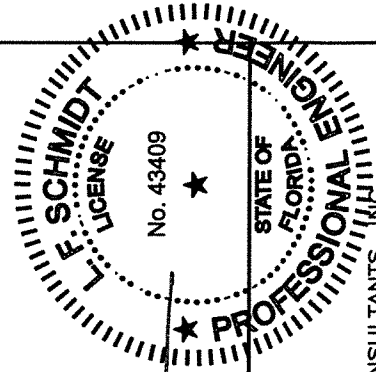


SEE HARDWARE CHART



SEE HARDWARE CHART

| HARDWARE TABLE | |
|----------------|--|
| MANUFACTURER | MODEL |
| G-U | MULTIPOINT LOCK (3-pt Tongue): SECURITY AUTOMATIC DOOR LOCK FOR LEVER HANDLE (6-35856-01-R-8B) MORTISE LOCK TRIM: EMTEK |



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PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

PART OR ASSEMBLY:
ELEVATIONS

| NO. | DATE | BY |
|-----|------|----|
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DATE: 8/10/16

SCALE: N.T.S.

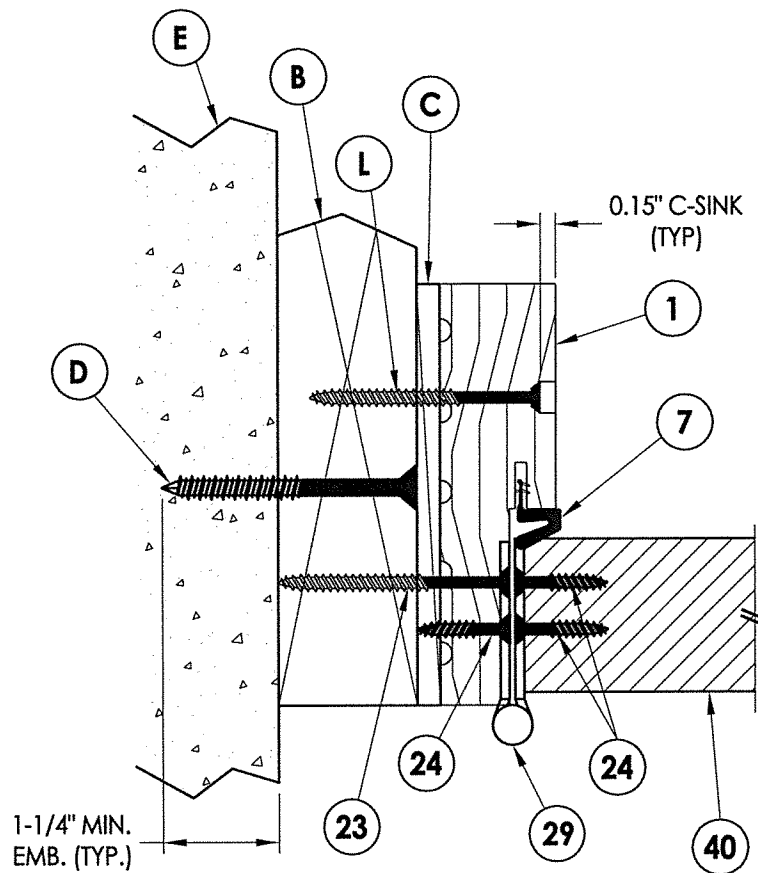
DWG. BY: JK

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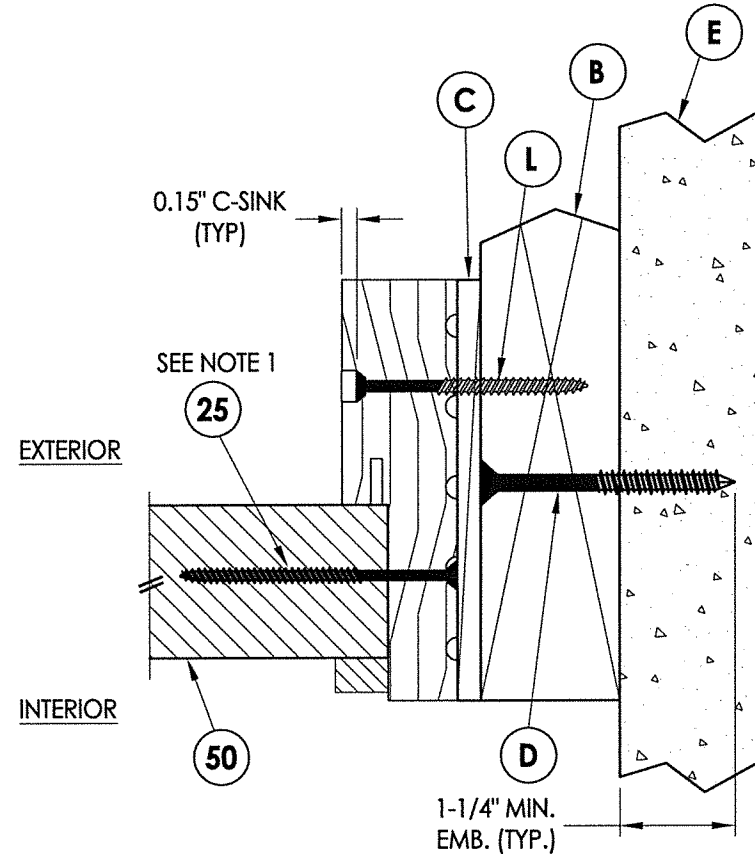
DRAWING NO.:

FL-20800.5

SHEET 4 OF 12

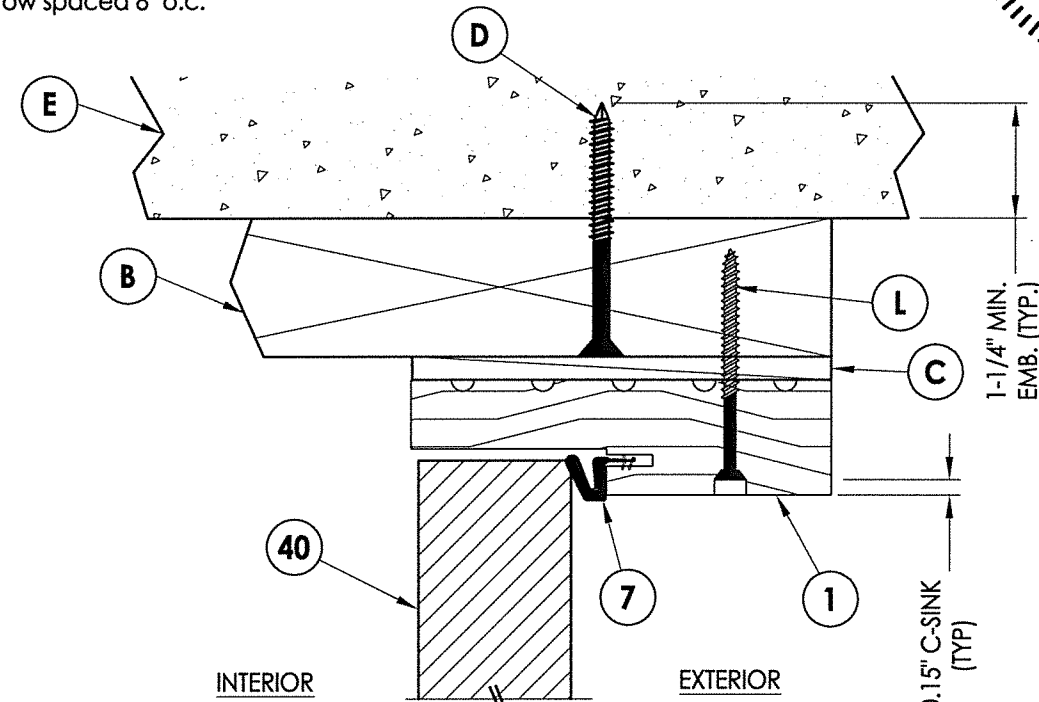


1 HORIZONTAL CROSS SECTION
5 Inswing shown (Outswing similar)

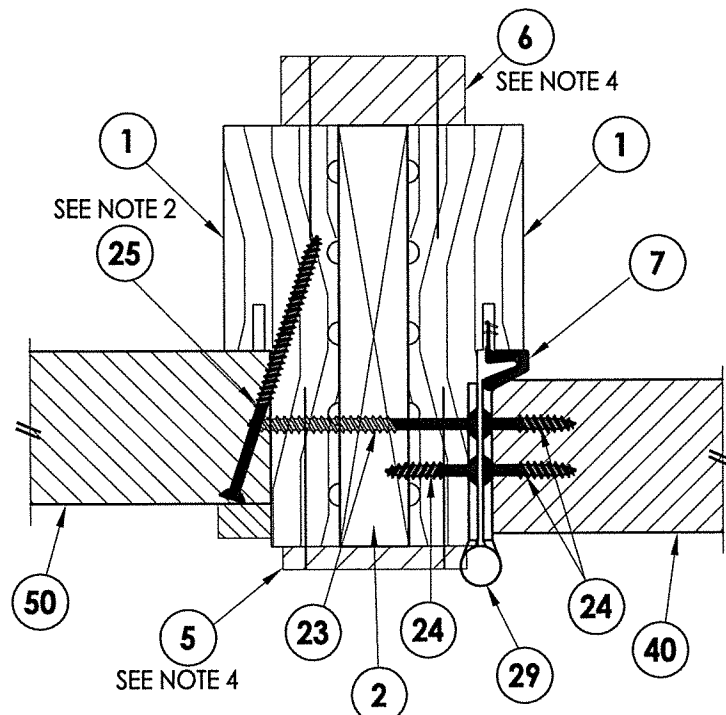


2 HORIZONTAL CROSS SECTION
5 Inswing shown (Outswing similar)

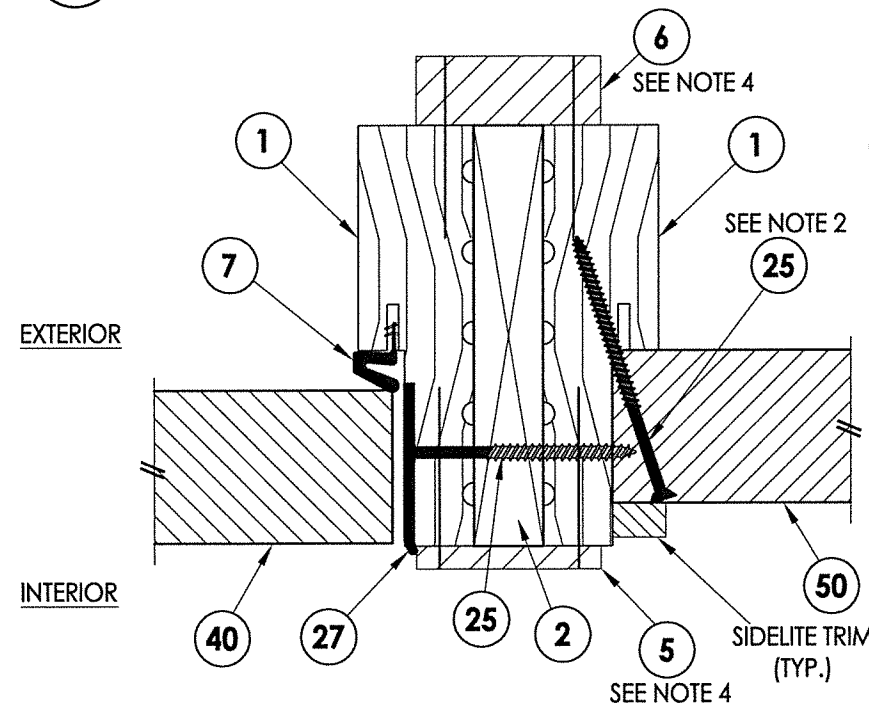
- Notes:
- Sidelite assembly screws located 4" & 8" from the top & bottom plus 4 more screws equally spaced between (8 screws total per side jamb).
 - Sidelite assembly screws located 6" & 24" from the top & bottom from each end (4 screws total per side jamb).
 - Sidelite assembly screws located 3" from each end (2 screws along head jamb).
 - Mullion trim attached w/ structural adhesive & 2 rows of 16 GA. X 2" brad nails, each row spaced 8" o.c.



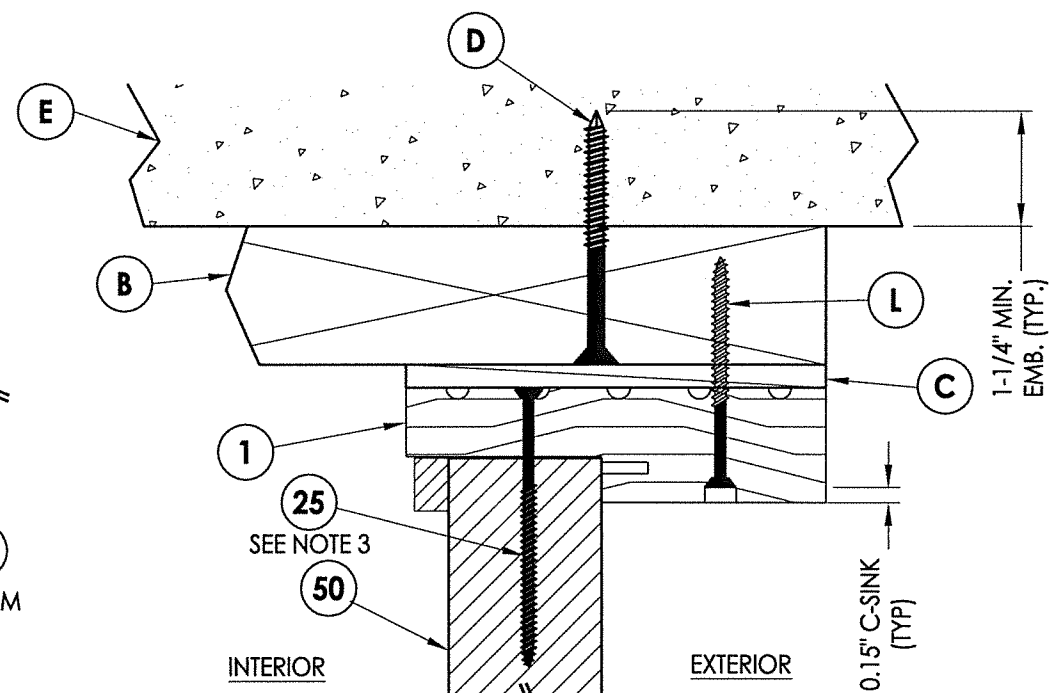
3 VERTICAL CROSS SECTION
5 Inswing shown (Outswing similar)



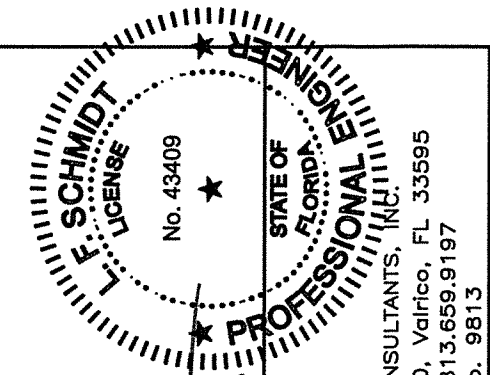
5 HORIZONTAL CROSS SECTION
5 Inswing shown (Outswing similar)



6 HORIZONTAL CROSS SECTION
5 Inswing shown (Outswing similar)



4 VERTICAL CROSS SECTION
5 Inswing shown (Outswing similar)



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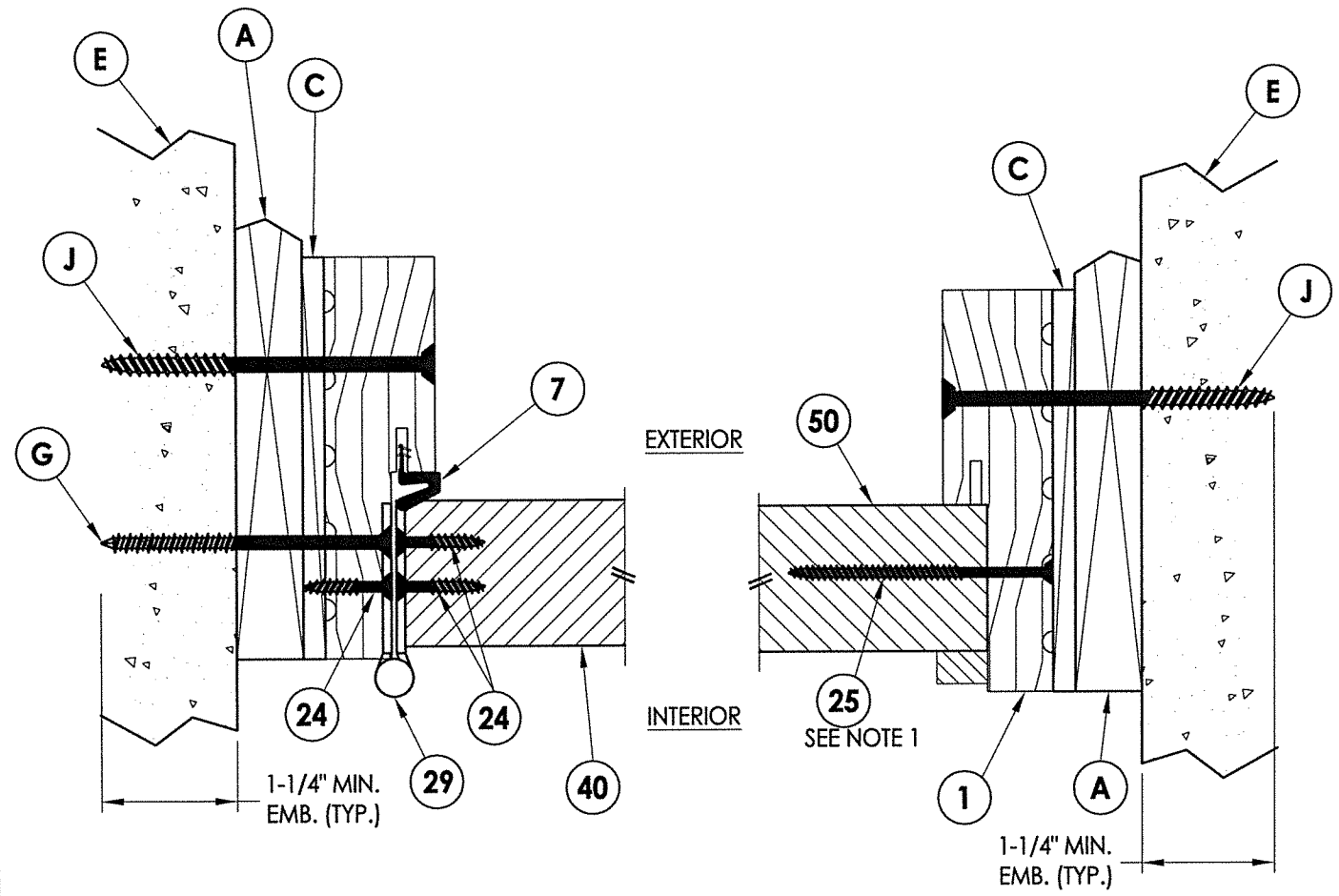
8-24-16

| | |
|-------------------|---|
| PRODUCT: | INTERNATIONAL WOOD TRADE WOOD DOOR |
| PART OR ASSEMBLY: | HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK) |

| NO. | DATE | BY |
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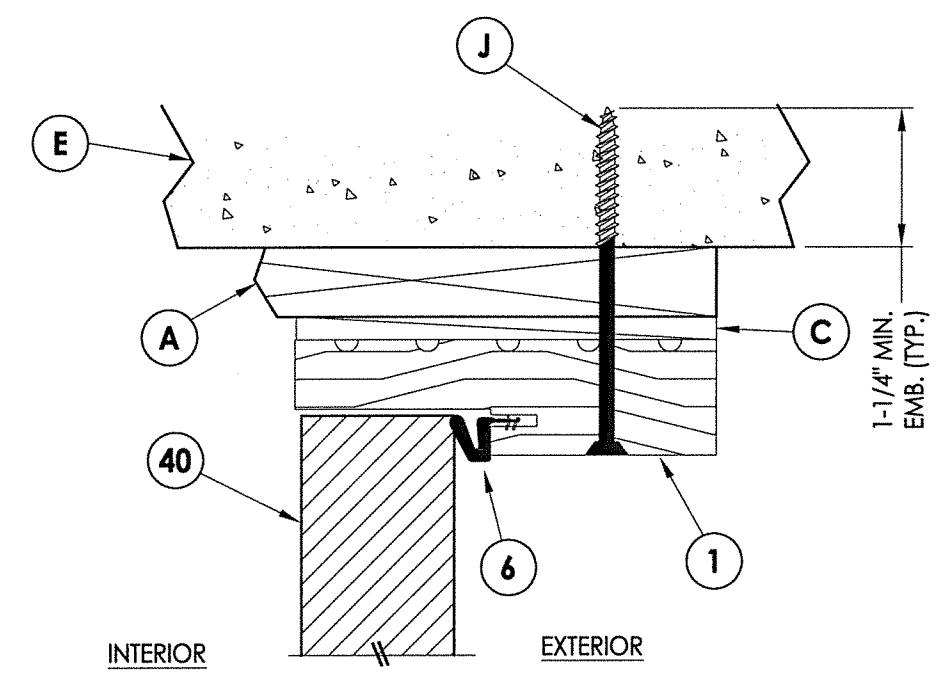
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| DATE: | 8/10/16 |
| SCALE: | N.T.S. |
| DWG. BY: | JK |
| CHK. BY: | LFS |
| DRAWING NO.: | FL-20800.5 |
| SHEET | 5 OF 12 |

Notes:
 1. Sidelite assembly screws located 4" & 8" from the top & bottom plus 4 more screws equally spaced between (8 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).

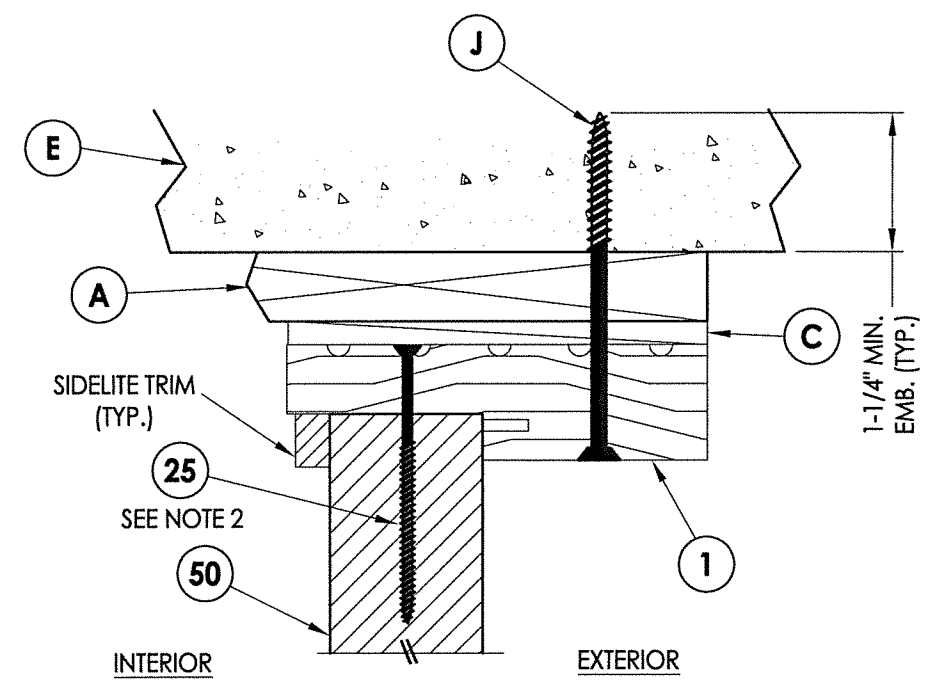


1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)

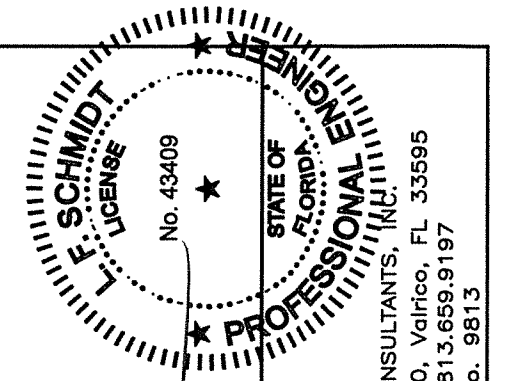
2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



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 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

PRODUCT:
 INTERNATIONAL WOOD TRADE
 WOOD DOOR
 PART OR ASSEMBLY:
 HORIZONTAL & VERTICAL
 CROSS SECTIONS (1X BUCK)

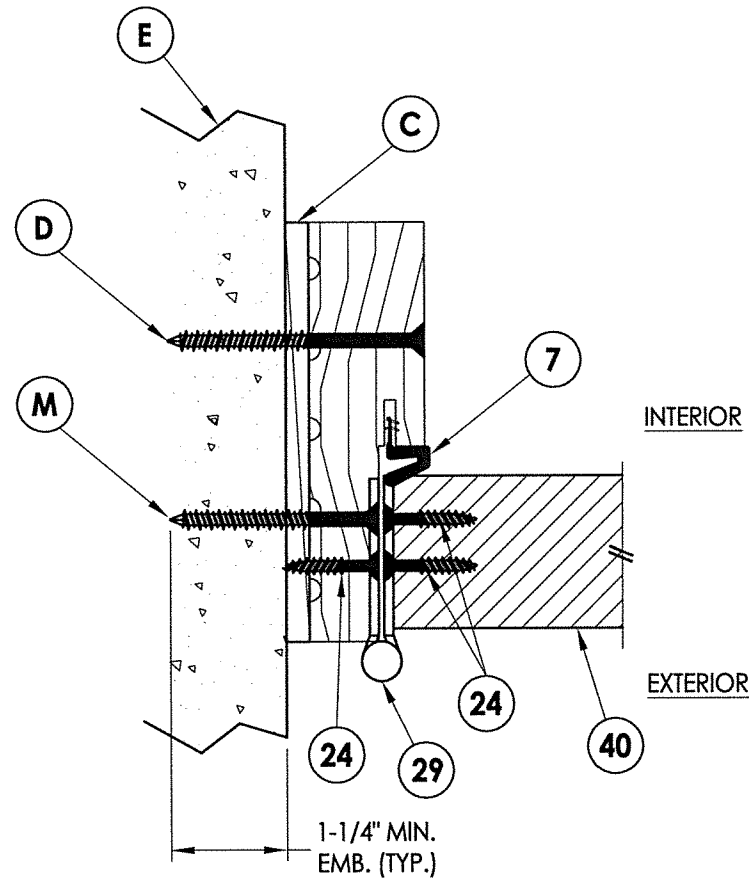
| NO. | DATE | BY | REVISIONS |
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DATE: 8/10/16
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.:
 FL-20800.5
 SHEET 6 OF 12

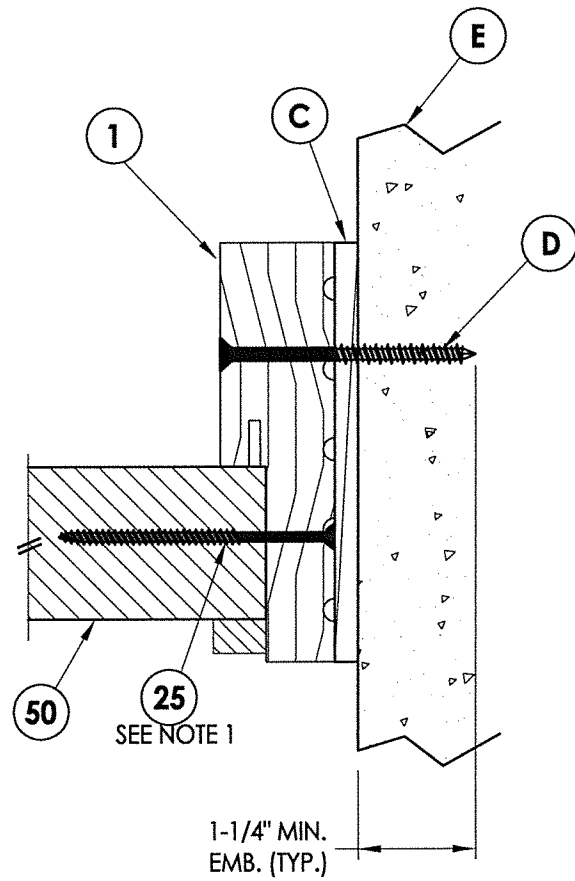
R:\Clients\International Wood Trade VA - Florida Product Approvals\FL-20800 Swinging Exterior Door Assemblies\C - Drawings\FL-20800 (2014)\FL-20800.4-6.dwg, 7.2

Notes:

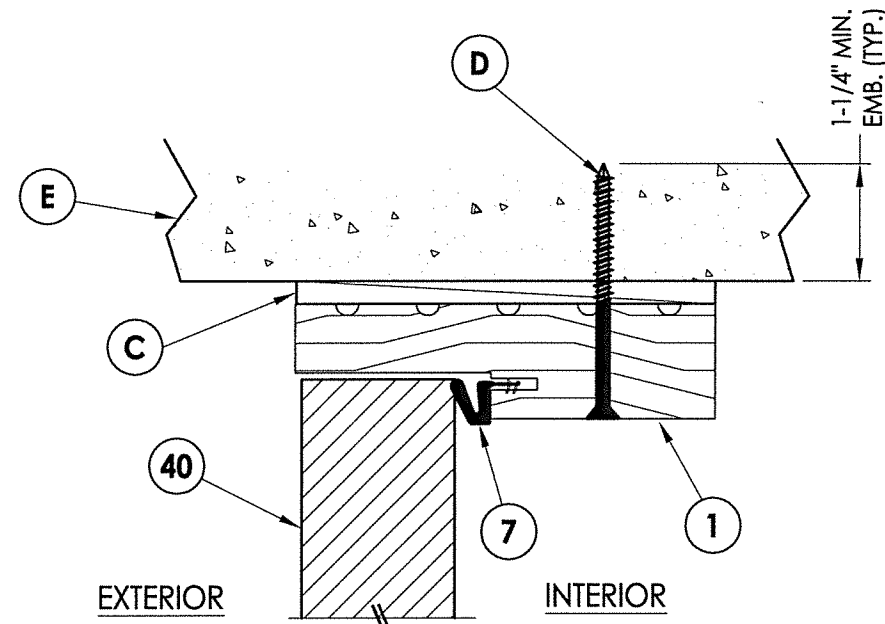
- 1. Sidelite assembly screws located 4" & 8" from the top & bottom plus 4 more screws equally spaced between (8 screws total per side jamb).
- 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



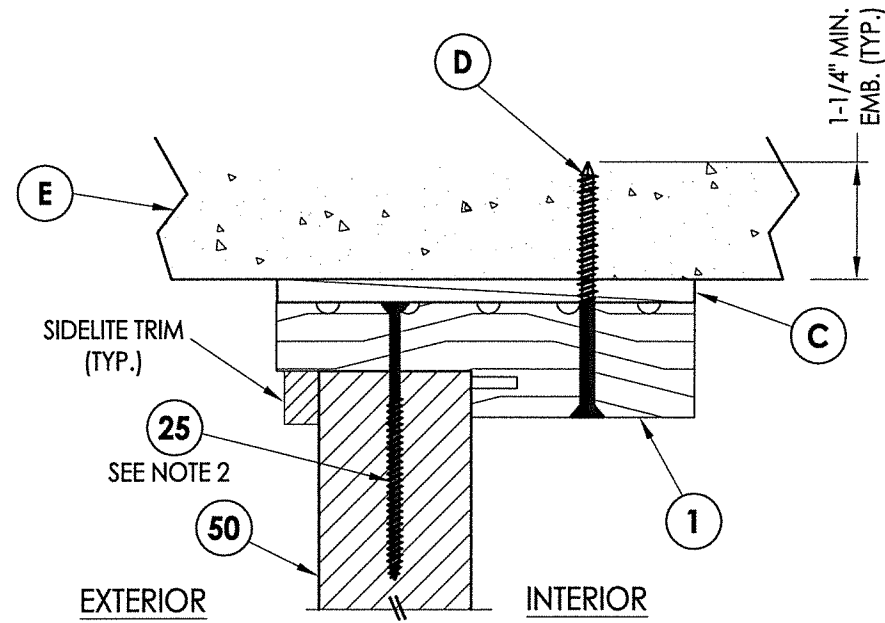
1 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only



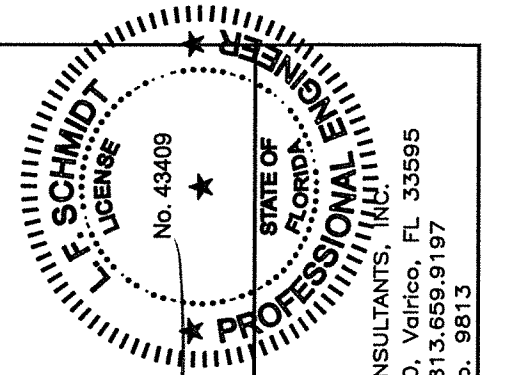
2 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only



3 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only



4 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only



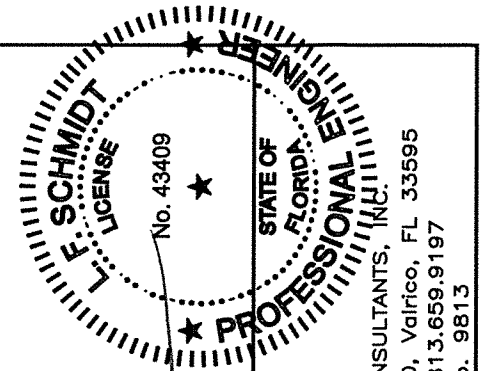
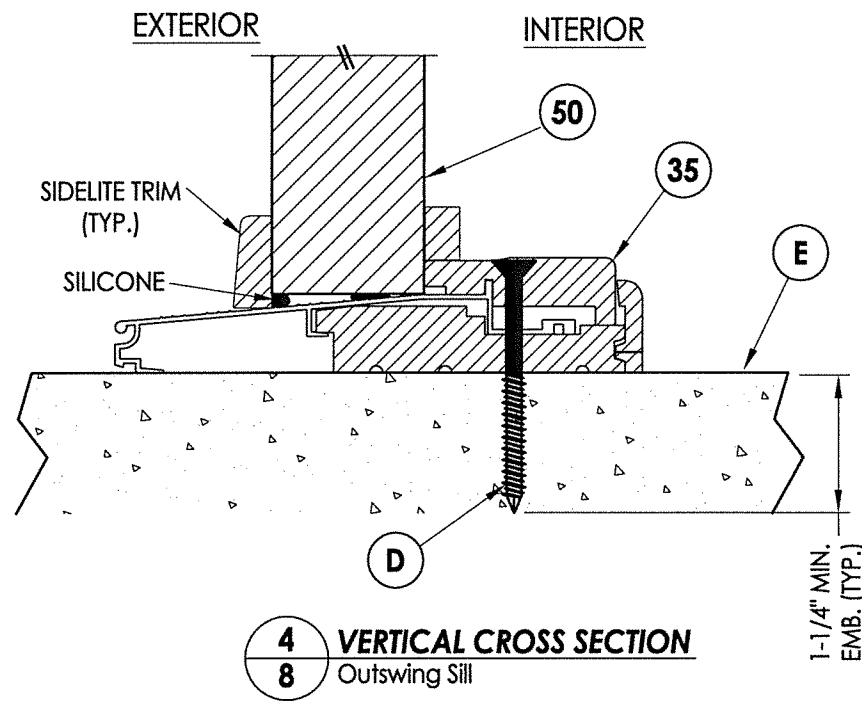
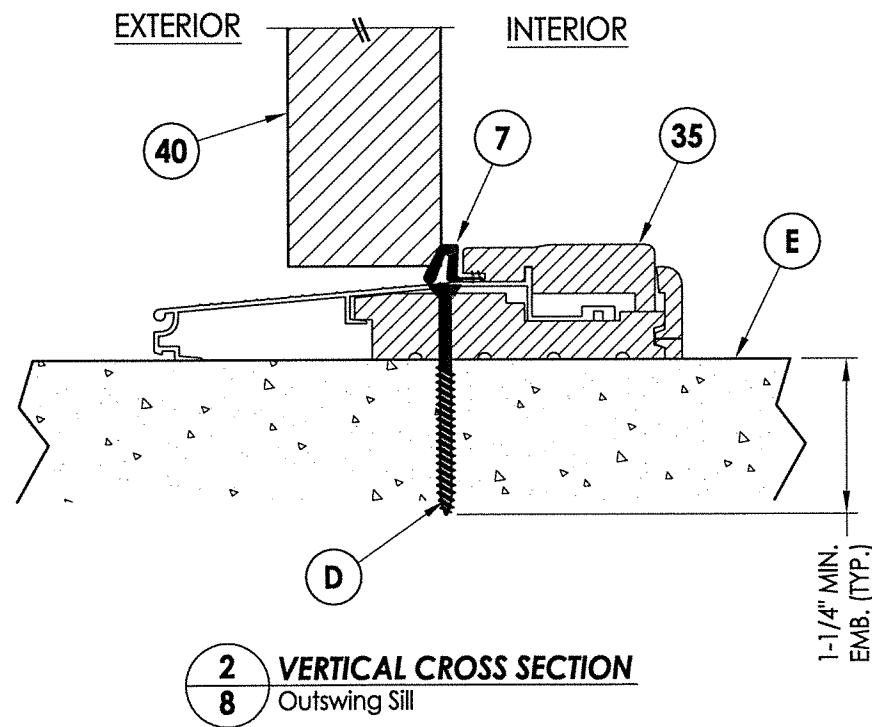
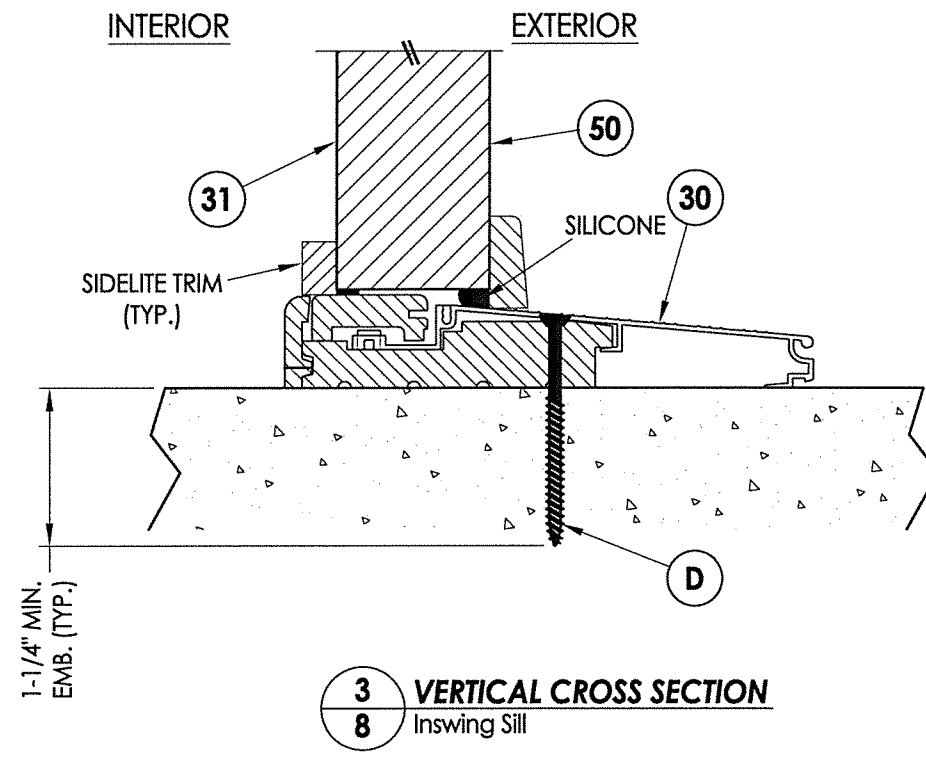
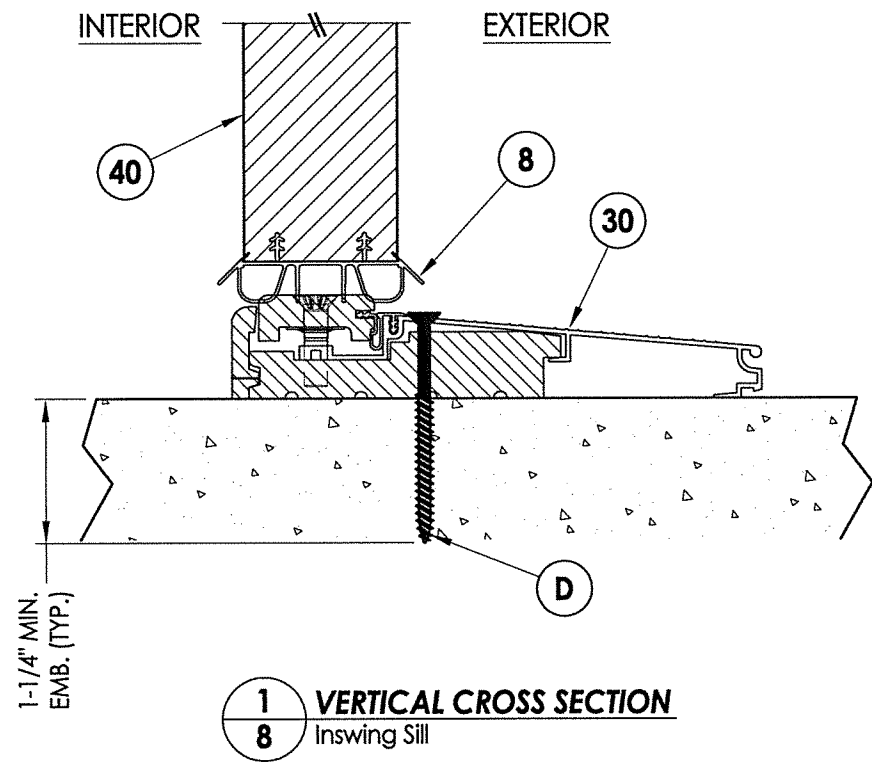
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 P.O. Box 230, Vairico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

PRODUCT:
 INTERNATIONAL WOOD TRADE
 WOOD DOOR
 PART OR ASSEMBLY:
 HORIZONTAL & VERTICAL CROSS
 SECTIONS (DIRECT TO MASONRY)

| REVISIONS | |
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| NO. | DATE |
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DATE: 8/10/16
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.:
 FL-20800.5
 SHEET **7** OF **12**

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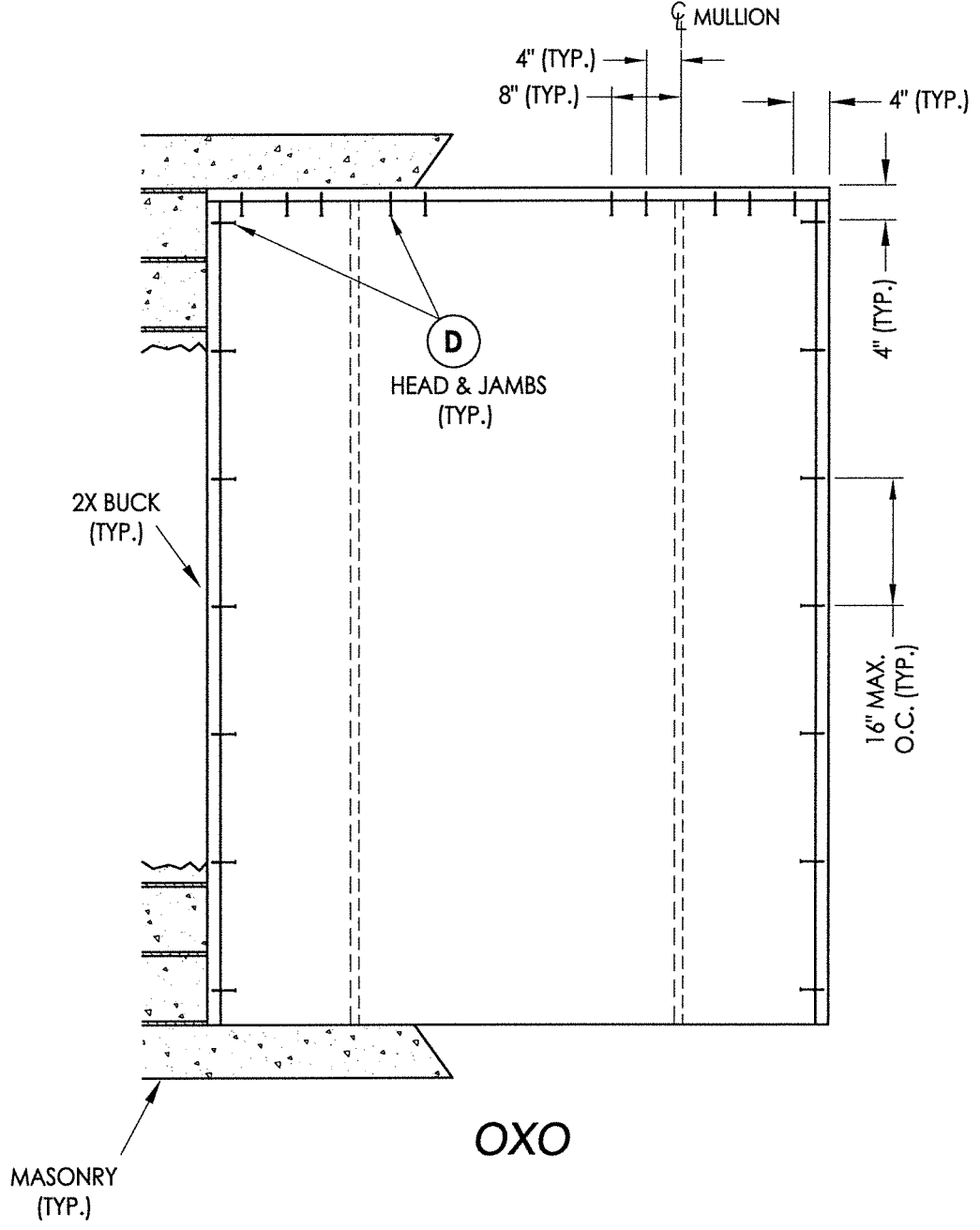
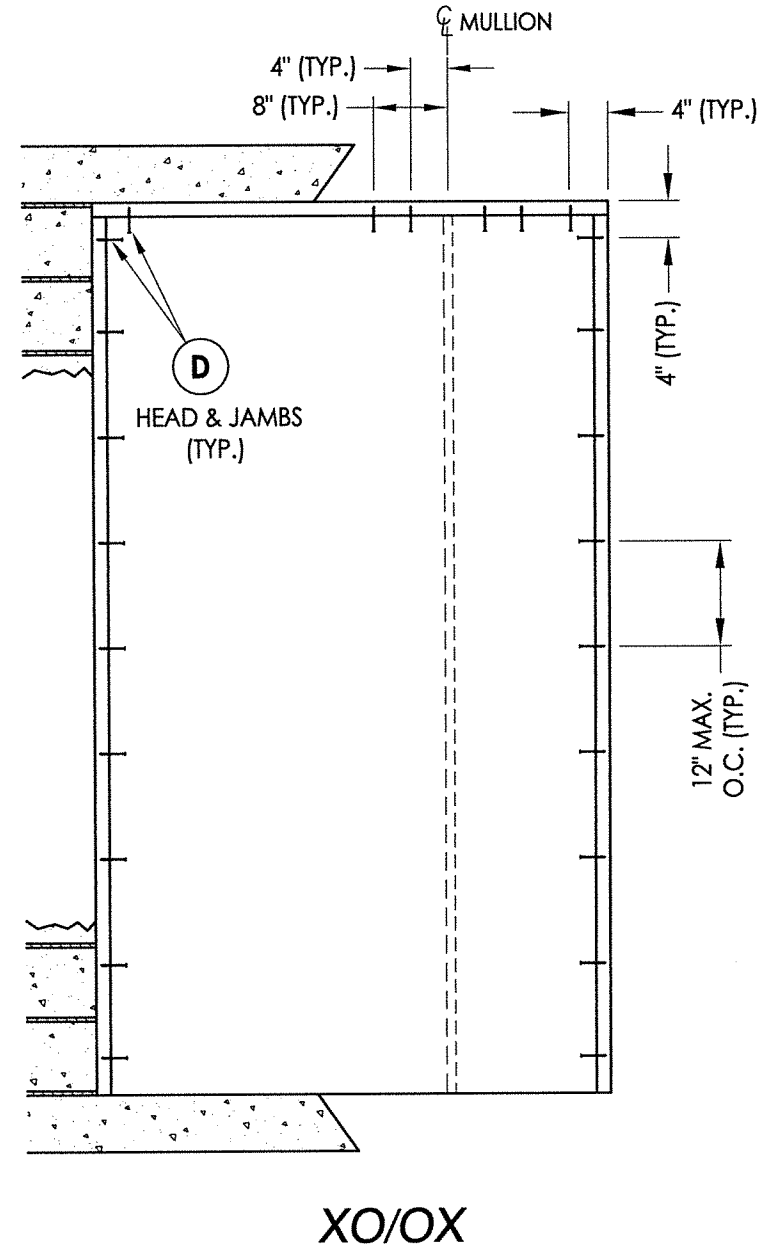
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INTERNATIONAL WOOD TRADE
WOOD DOOR

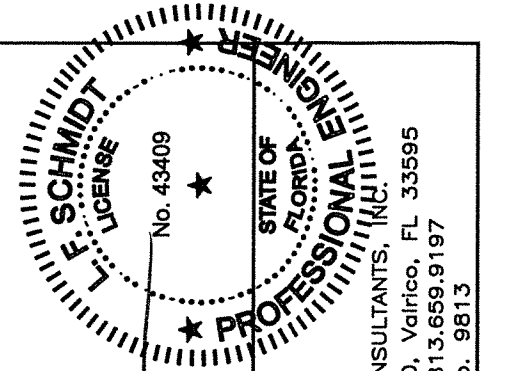
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

| NO. | DATE | BY |
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DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
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SHEET 8 OF 12



2X BUCK ANCHORING



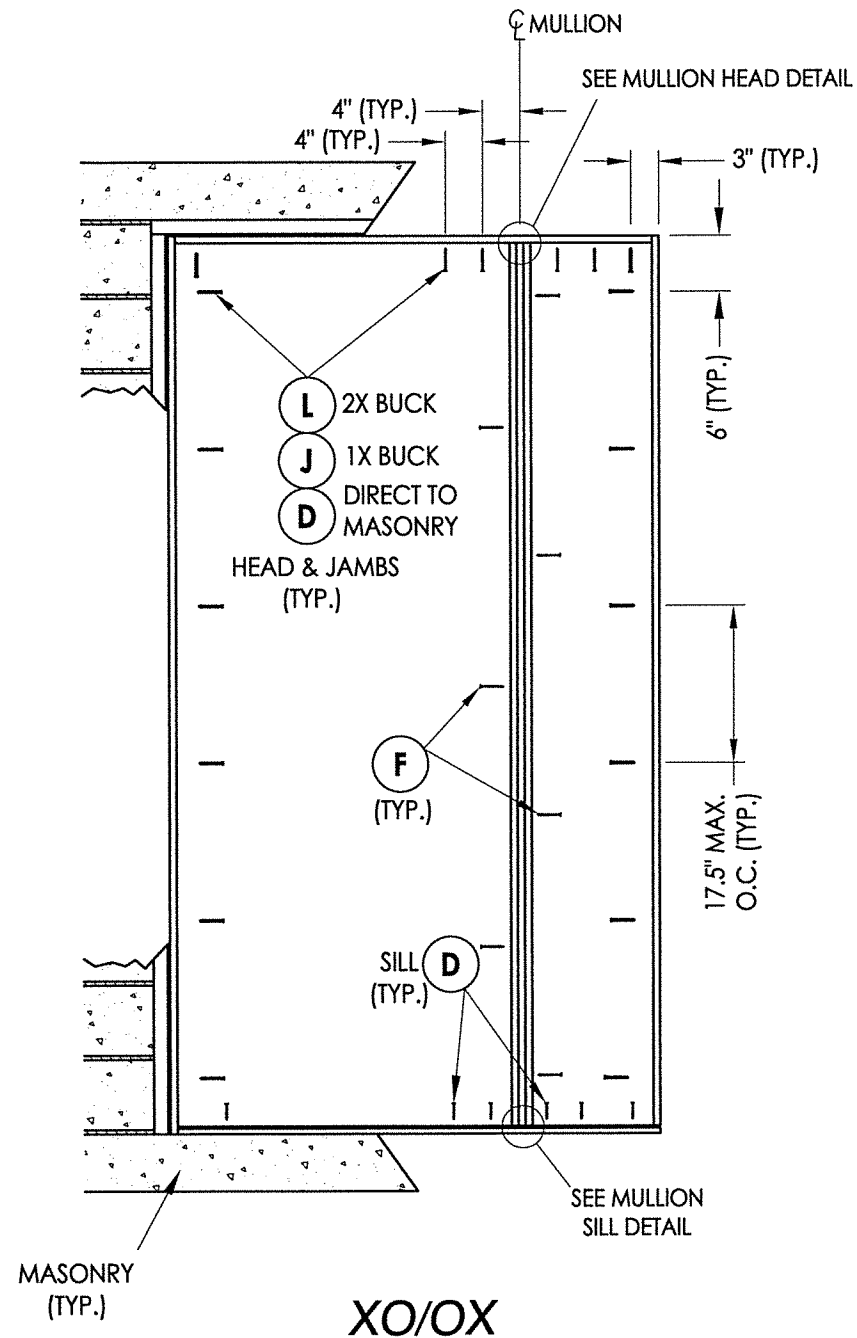
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| | |
|-------------------|---------------------------------------|
| PRODUCT: | INTERNATIONAL WOOD TRADE WOOD DOOR |
| PART OR ASSEMBLY: | BUCK ANCHORING |

| NO. | DATE | BY | REVISIONS |
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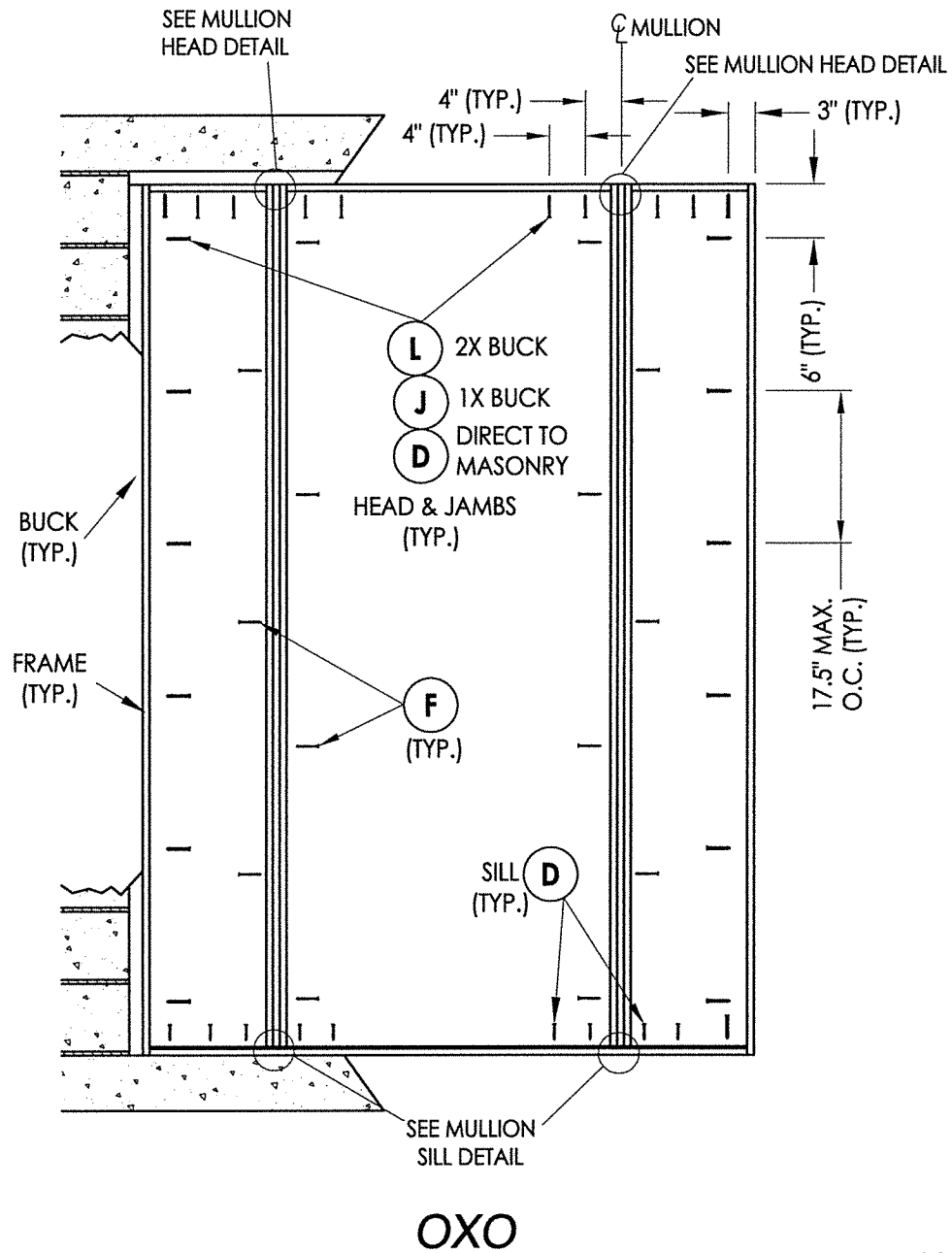
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| DATE: | 8/10/16 |
| SCALE: | N.T.S. |
| DWG. BY: | JK |
| CHK. BY: | LFS |
| DRAWING NO.: | FL-20800.5 |
| SHEET | 9 OF 12 |



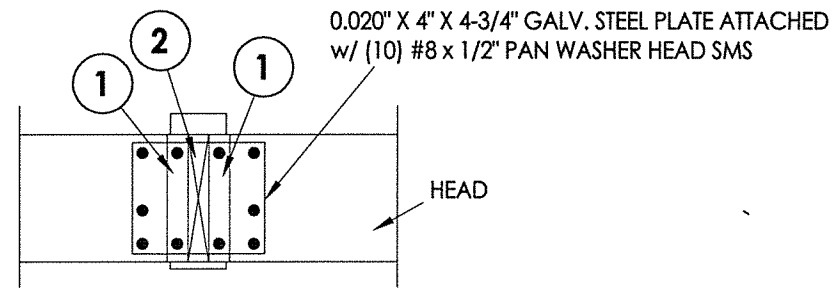
XO/OX

FRAME ANCHORING

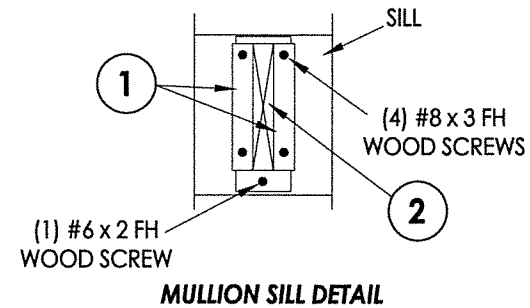
NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 3" FH WOOD SCREWS @ HEAD & SILL.



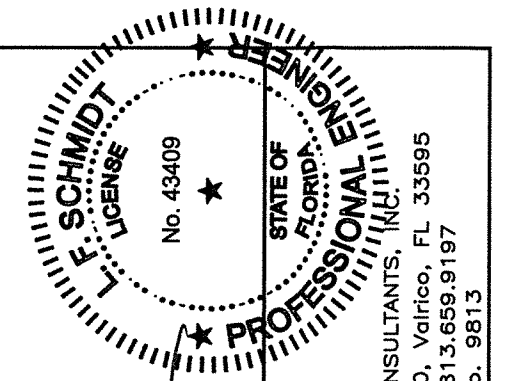
OXO



MULLION HEAD DETAIL



MULLION SILL DETAIL



Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

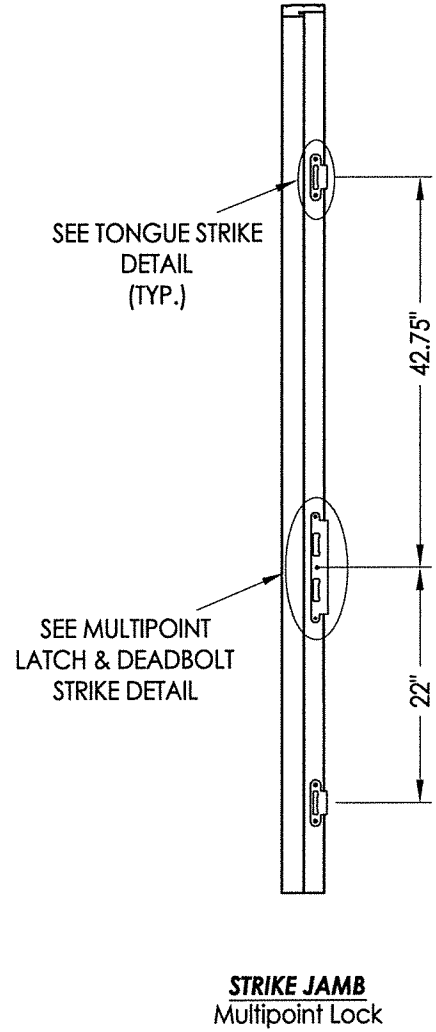
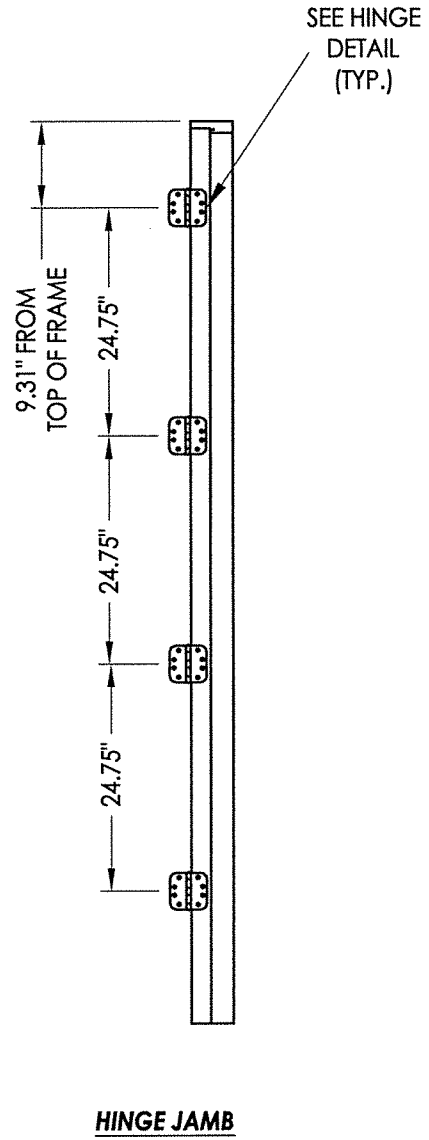
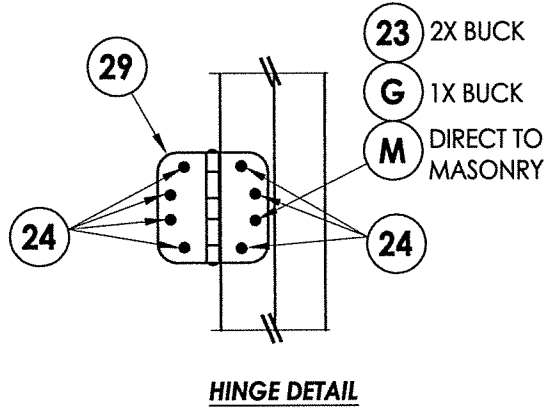
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

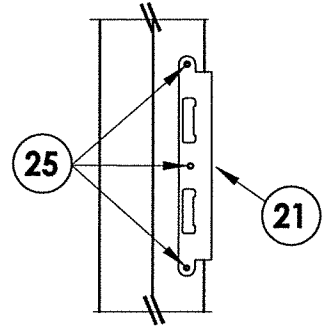
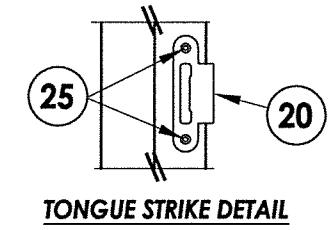
PART OR ASSEMBLY:
FRAME ANCHORING

| NO. | DATE | BY |
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DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.5
SHEET 10 OF 12



MULTIPOINT LOCK HARDWARE DETAILS



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|--------------|------------|
| DATE: | 8/17/16 |
| SCALE: | N.T.S. |
| DWG. BY: | JK |
| CHK. BY: | LFS |
| DRAWING NO.: | FL-20800.5 |
| SHEET | 11 OF 12 |

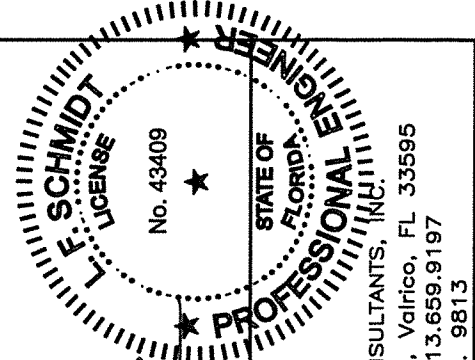
| NO. | DATE | BY | REVISIONS |
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PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR

PART OR ASSEMBLY: HARDWARE DETAILS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

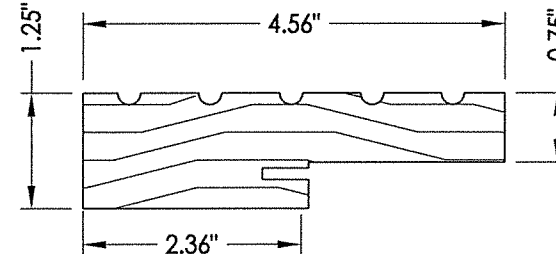
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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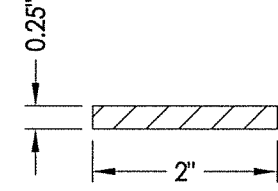
R:\Clients\International Wood Trade VA - Florida Product Approvals\FL-20800 Swinging Exterior Door Assemblies\C - Drawings\FL-20800 (2014)\FL-20800.4-6.dwg, 12.2

BILL OF MATERIALS

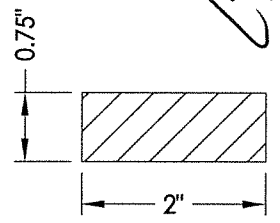
| ITEM # | DESCRIPTION | MATERIAL |
|--------|--|-----------|
| A | 1X BUCK (SG >= 0.42) | WOOD |
| B | 2X BUCK (SG >= 0.42) | WOOD |
| C | 1/4" MAX. SHIM SPACE | - |
| D | 1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW | STEEL |
| E | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE |
| G | 3/16" X 3-1/4" PFH ITW CONCRETE SCREW | STEEL |
| J | 1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW | STEEL |
| L | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT) | STEEL |
| M | 3/16" X 2-1/4" PFH ITW CONCRETE SCREW | STEEL |
| 1 | WOOD JAMB (SAPELE, G >= 0.55) | WOOD |
| 2 | 1X MULLION (PINE, G >= 0.42) | WOOD |
| 5 | MULLION TRIM (SAPELE, G >= 0.55) | WOOD |
| 6 | MULLION TRIM (SAPELE, G >= 0.55) | WOOD |
| 7 | WEATHERSTRIP | FOAM |
| 8 | SWEEP | VINYL |
| 20 | MULTIPOINT TONGUE STRIKE PLATE | STEEL |
| 21 | MULTIPOINT LATCH & DEADBOLT STRIKE PLATE | STEEL |
| 23 | #12 X 2-1/2" PFH WOOD SCREW | STEEL |
| 24 | #12 x 1-1/4" PFH WOOD SCREW | STEEL |
| 25 | #8 X 3" PFH WOOD SCREW | STEEL |
| 27 | LATCH STRIKE PLATE | STEEL |
| 28 | DEADBOLT STRIKE PLATE | STEEL |
| 29 | 4" X 4" HINGE | STEEL |
| 30 | INSWING ADJUSTABLE THRESHOLD | ALUM/WOOD |
| 35 | OUTSWING BUMP THRESHOLD | ALUM/WOOD |
| 40 | DOOR PANEL | WOOD |
| 50 | SIDELITE PANEL | WOOD |



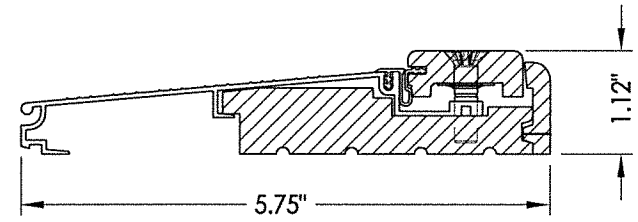
1 WOOD JAMB



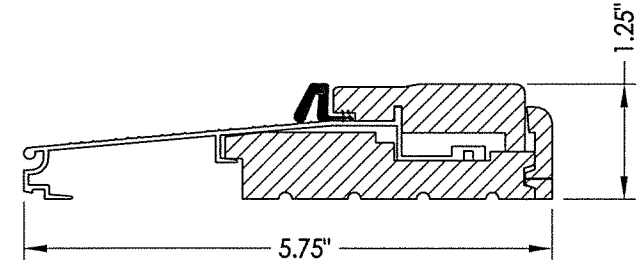
5 MULLION TRIM



6 MULLION TRIM



30 INSWING ADJUSTABLE THRESHOLD
Imperial 5Y



35 OUTSWING BUMB THRESHOLD
Imperial

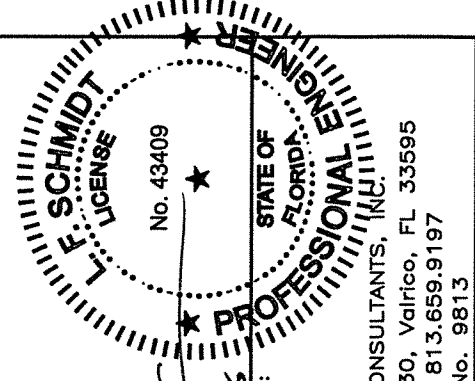
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- Concrete anchor table:

| ANCHOR TYPE | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|----------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON® | 1/4" | 1-1/4" | 2" | 4" |
| ELCO ULTRACON® | 1/4" | 1-1/4" | 1" | 4" |
| ITW TAPCON® | 3/16" | 1-1/4" | 3" | 1-1/2" |

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



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PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

| NO. | DATE | BY | REVISIONS |
|-----|------|----|-----------|
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DATE: 8/17/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.5
SHEET 12 OF 12