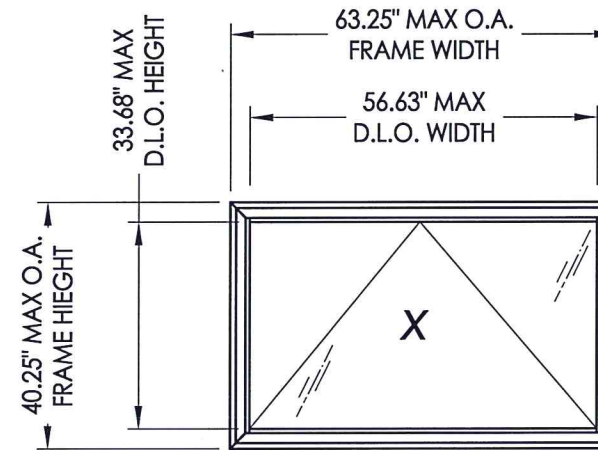
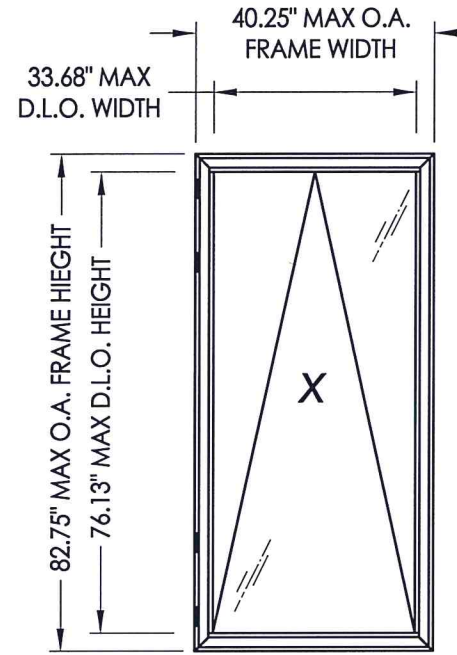


Series 350-T Aluminum Awning Window w/ Thermal Break Frame "IMPACT"

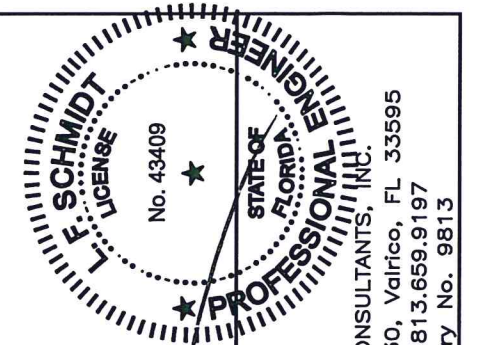


GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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.

| TABLE OF CONTENTS | |
|-------------------|--|
| SHEET# | DESCRIPTION |
| 1 | Typical elevations, design pressures and general notes |
| 2 | Horizontal and vertical cross sections |
| 3 | Horizontal and vertical cross sections |
| 4 | Buck and frame anchoring |
| 5 | Buck and frame anchoring |
| 6 | Glazing details |
| 7 | Bill of materials and components |

| OVERALL FRAME DIMENSION | OVERALL D.L.O. DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) | |
|-------------------------|--------------------------|--------------------|-----------------------|----------|
| | | | POSITIVE | NEGATIVE |
| 40.25" X 82.75" | 33.68" X 76.13" | G1, G2, G3, G4, G5 | +65.0 | -65.0 |
| 40.25" X 44.5" | 33.68" X 37.88" | G1, G2, G3, G4, G5 | +65.0 | -65.0 |
| 63.25" X 40.25" | 56.63" X 33.68" | G1, G2, G3, G4, G5 | +65.0 | -65.0 |

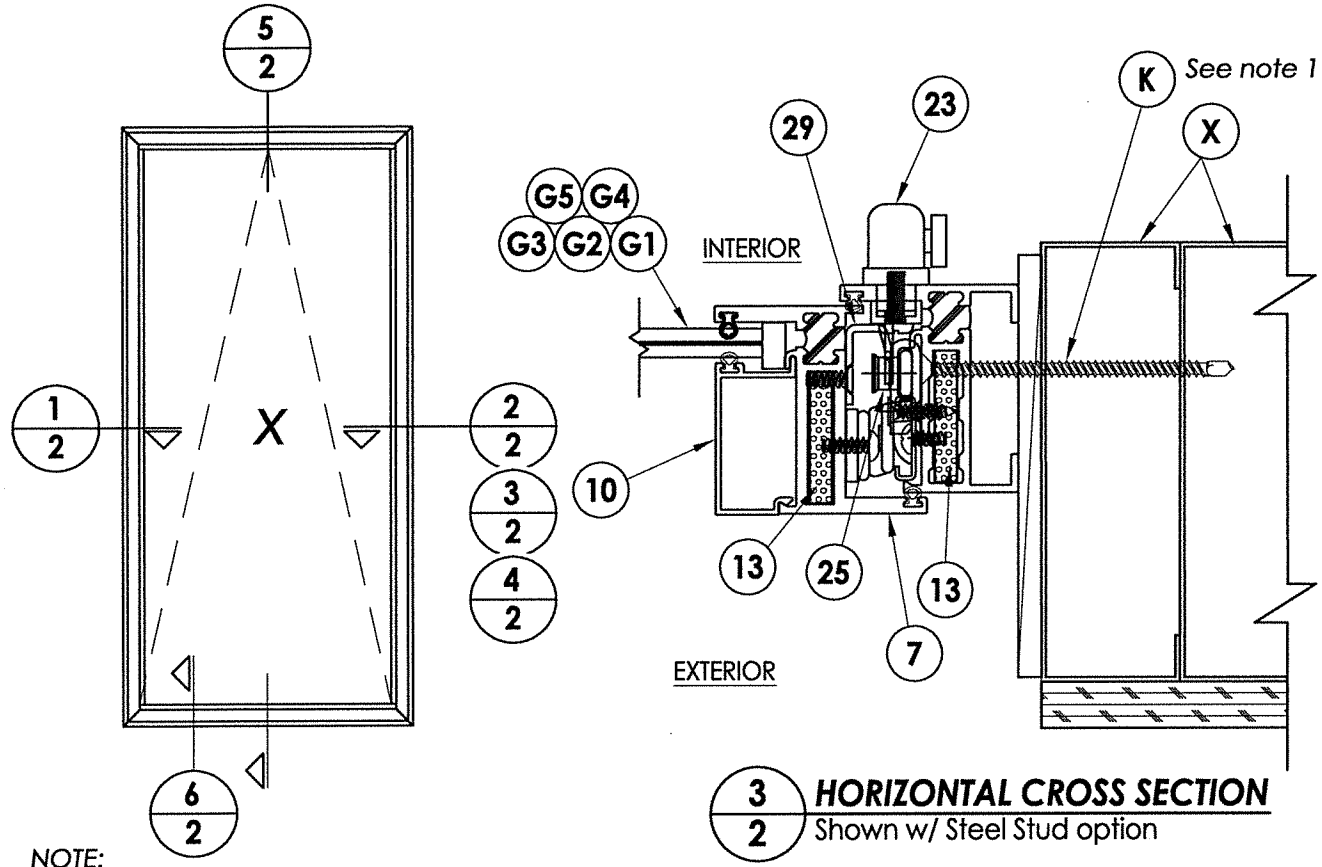


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 FBPE Registry No. 9813

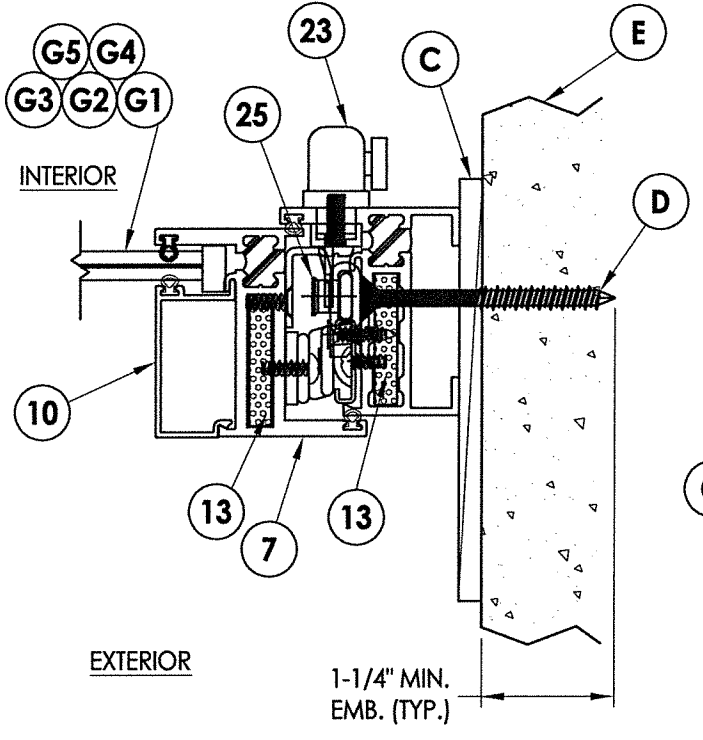
| | | | |
|-------------------|----------|---|------------------------------|
| PRODUCT: | | FLEETWOOD WINDOWS AND DOORS | |
| PART OR ASSEMBLY: | | TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES | |
| NO. | DATE | BY | REVISIONS |
| 5 | 12/08/21 | LFS | SERIES NAME CHANGE |
| 4 | 8/10/20 | DAC | UPDATE TO 7TH ED. (2020) FBC |
| 3 | 8/07/17 | LFS | UPDATE TO 6TH ED. (2017) FBC |
| 2 | 8/22/16 | JK | RENUMBER DRAWINGS |
| 1 | 1/22/15 | LFS | UPDATE TO 5TH ED. (2014) FBC |

DATE: 4/28/14
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-14907.6
 SHEET 1 OF 7

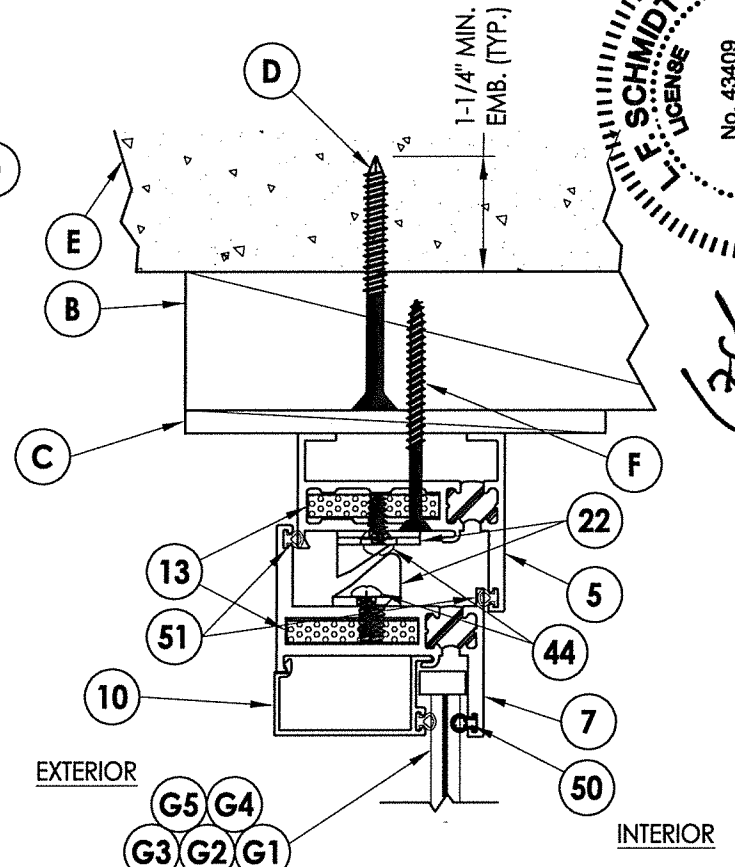
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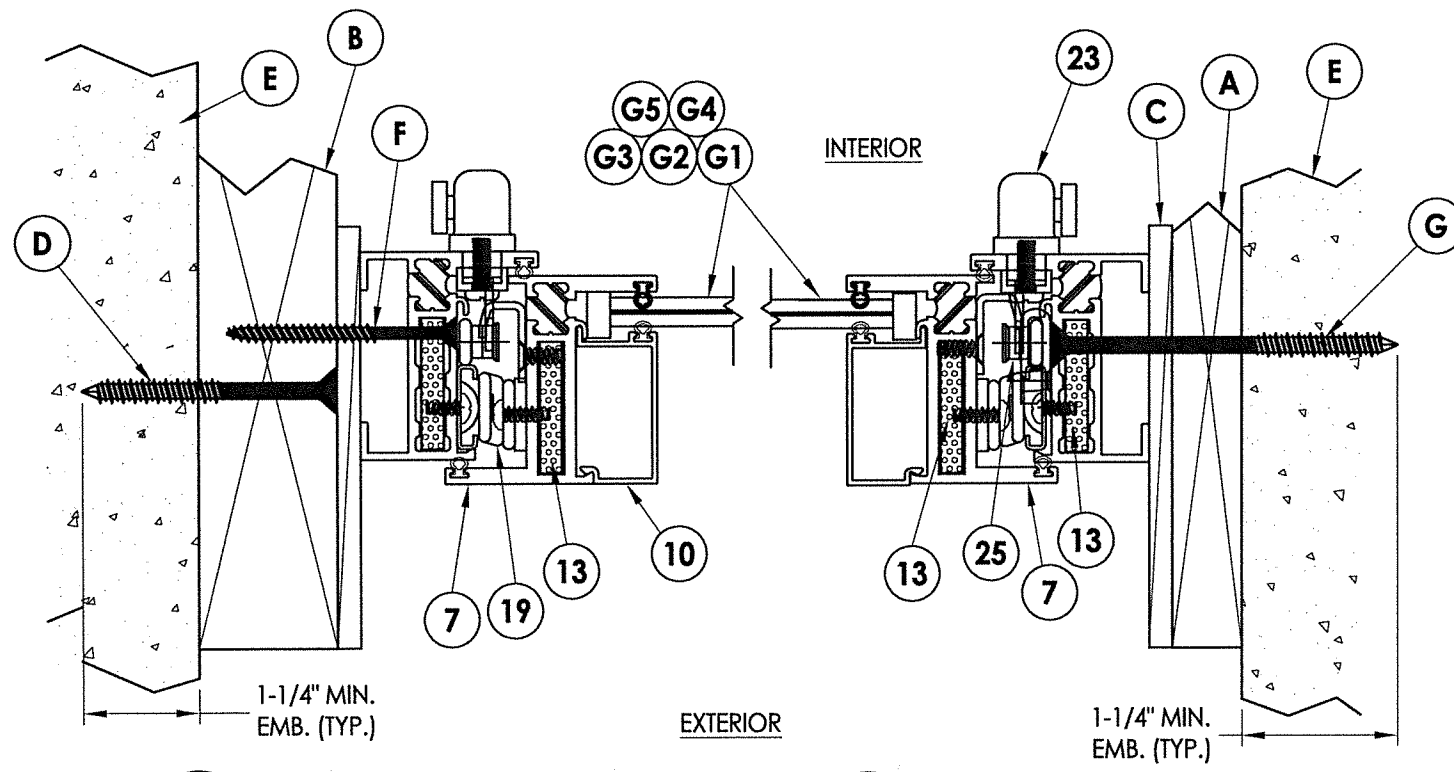
3 HORIZONTAL CROSS SECTION
2 Shown w/ Steel Stud option



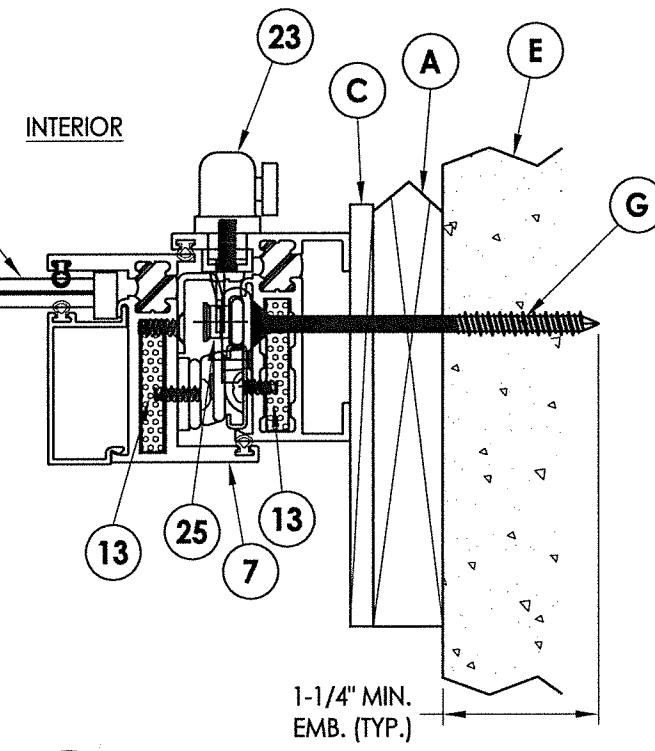
4 HORIZONTAL CROSS SECTION
2 Shown w/ Direct to Masonry option



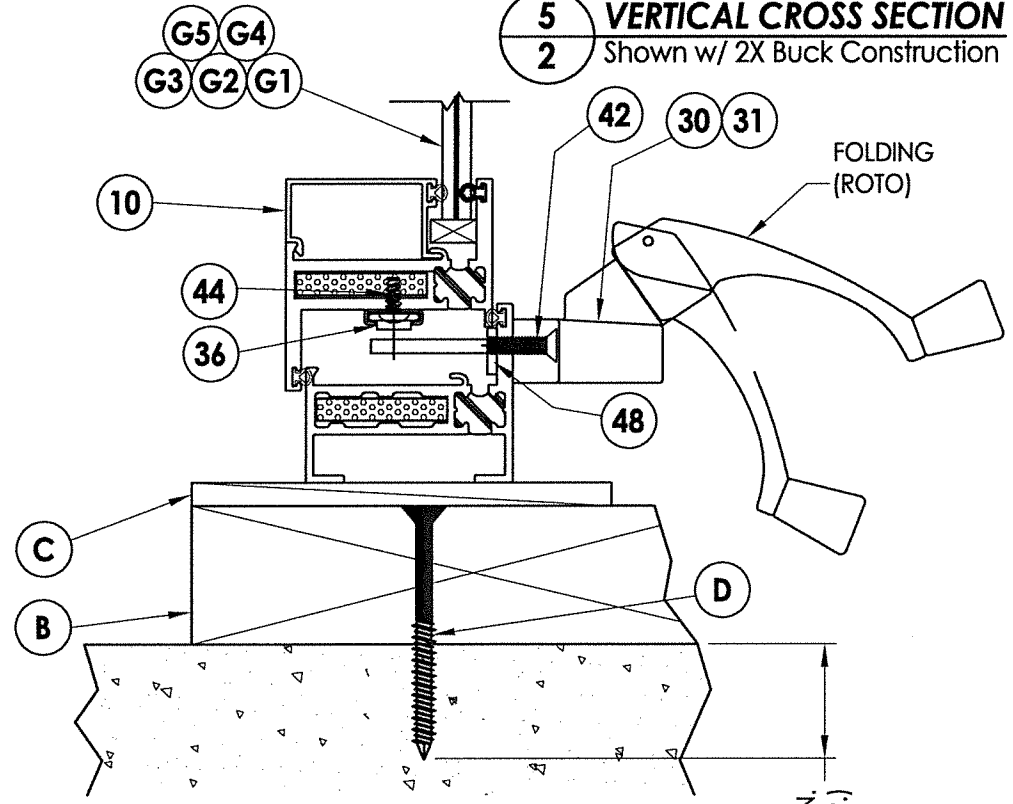
5 VERTICAL CROSS SECTION
2 Shown w/ 2X Buck Construction



1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X Buck Construction

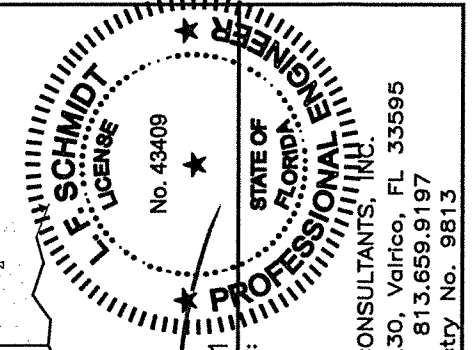


2 HORIZONTAL CROSS SECTION
2 Shown w/ 1X Sub buck option



6 VERTICAL CROSS SECTION
2 Shown w/ 2X Buck Construction

NOTE:
1. Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal. Maintain a minimum 1/2" edge distance.



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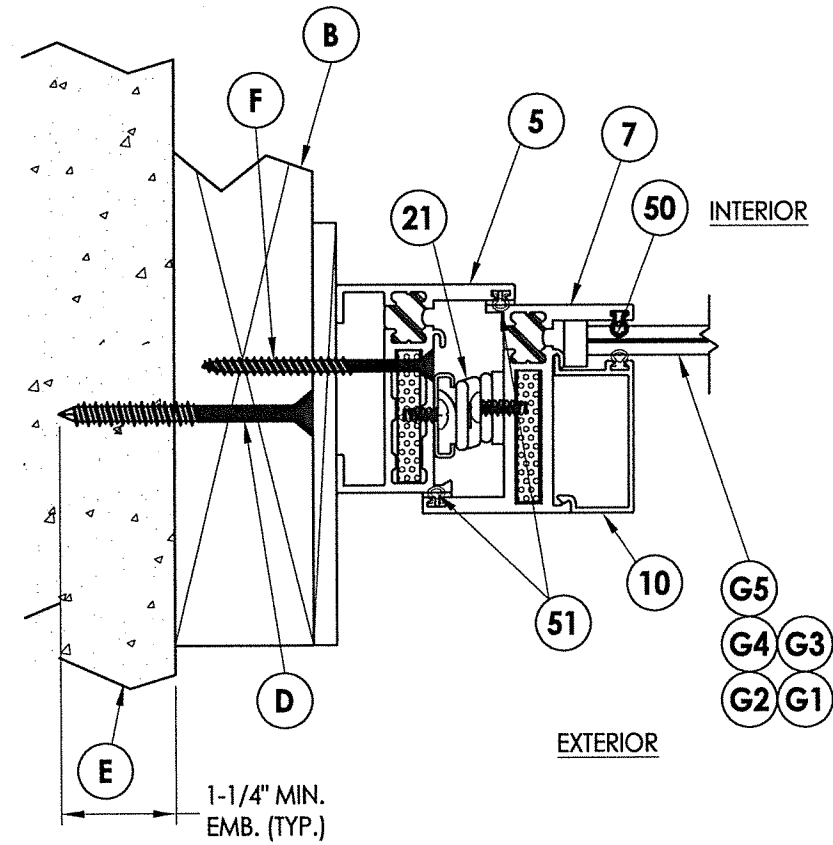
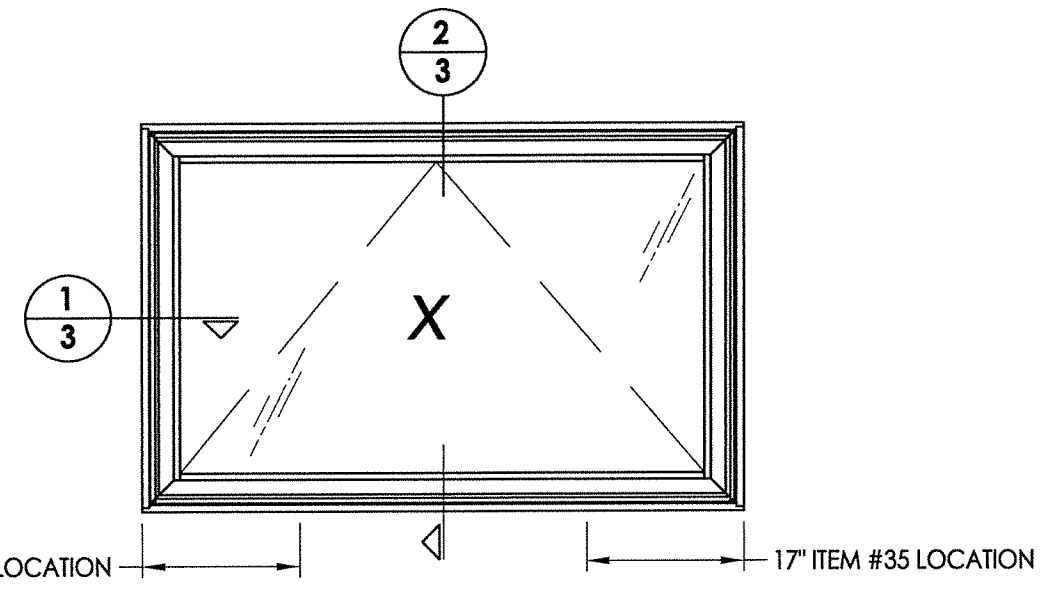
PRODUCT:
FLEETWOOD WINDOWS AND DOORS
PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL CROSS SECTIONS

| NO. | DATE | DESCRIPTION | LFS | DAC | JK | LFS | BY |
|-----|----------|------------------------------|-----|-----|----|-----|----|
| 5 | 12/08/21 | SERIES NAME CHANGE | | | | | |
| 4 | 8/10/20 | UPDATE TO 7th ED. (2020) FBC | | | | | |
| 3 | 8/07/17 | UPDATE TO 6TH ED. (2017) FBC | | | | | |
| 2 | 8/22/16 | RENUMBER DRAWINGS | | | | | |
| 1 | 1/22/15 | UPDATE TO 5TH ED. (2014) FBC | | | | | |

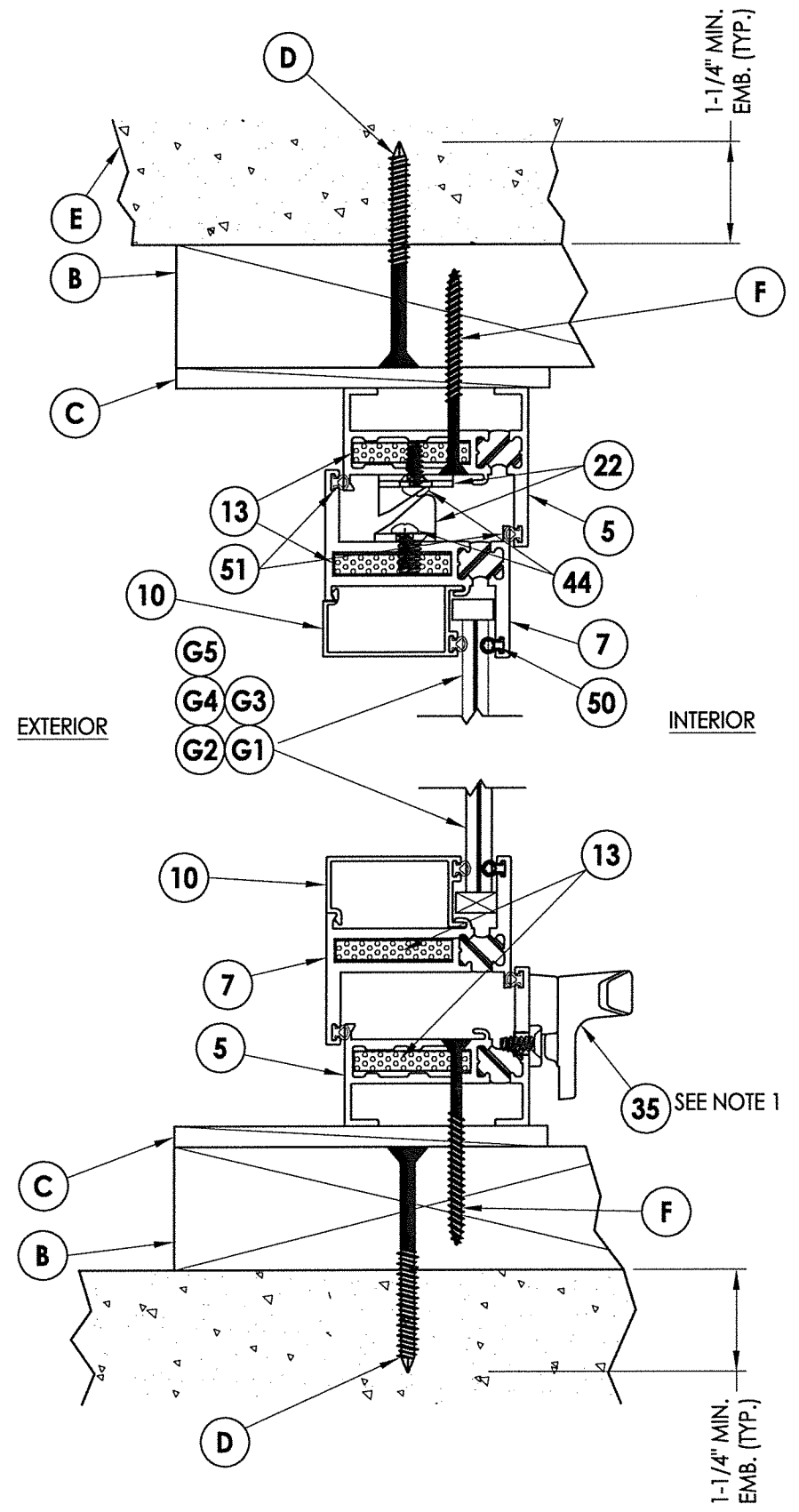
DATE: 4/28/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14907.6
SHEET 2 of 7

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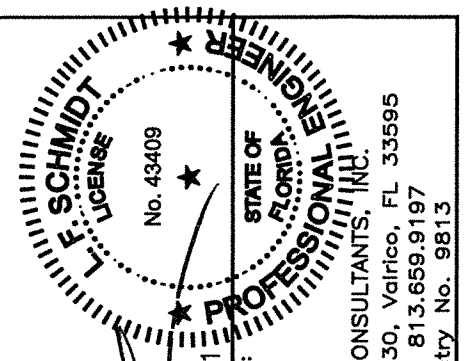
NOTE:
1. Item #35 located 17"
from each end (2) total.



1 HORIZONTAL CROSS SECTION
3 Shown w/ 2X Buck Construction



2 VERTICAL CROSS SECTION
3 Shown w/ 2X Buck Construction

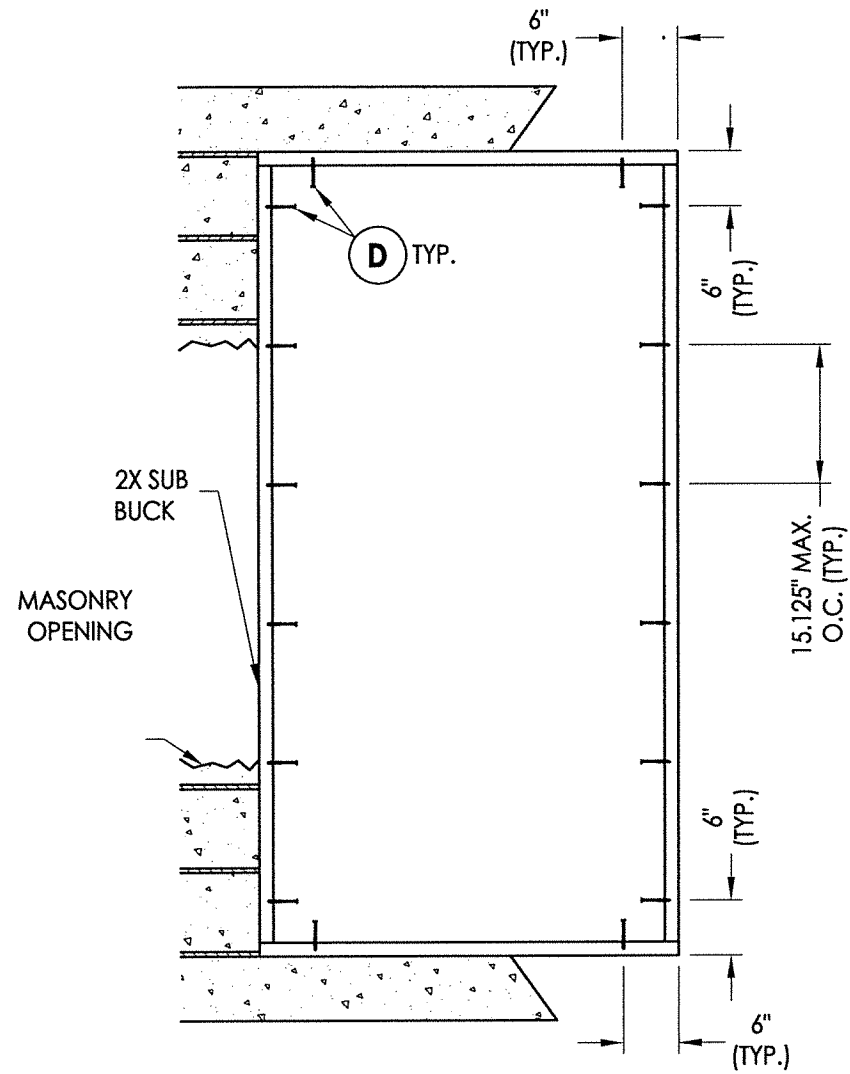


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FBPE Registry No. 9813

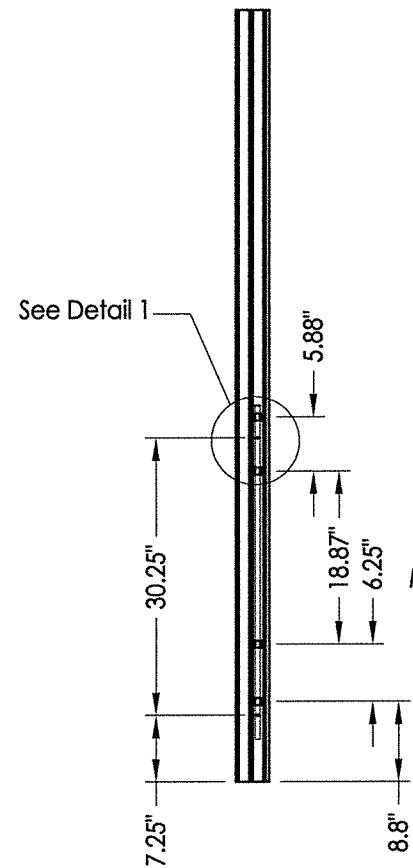
PRODUCT:
FLEETWOOD WINDOWS AND DOORS
PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

| NO. | DATE | BY |
|-----|----------|-----|
| 5 | 12/08/21 | LFS |
| 4 | 8/10/20 | DAC |
| 3 | 8/07/17 | LFS |
| 2 | 8/22/16 | JK |
| 1 | 1/22/15 | LFS |

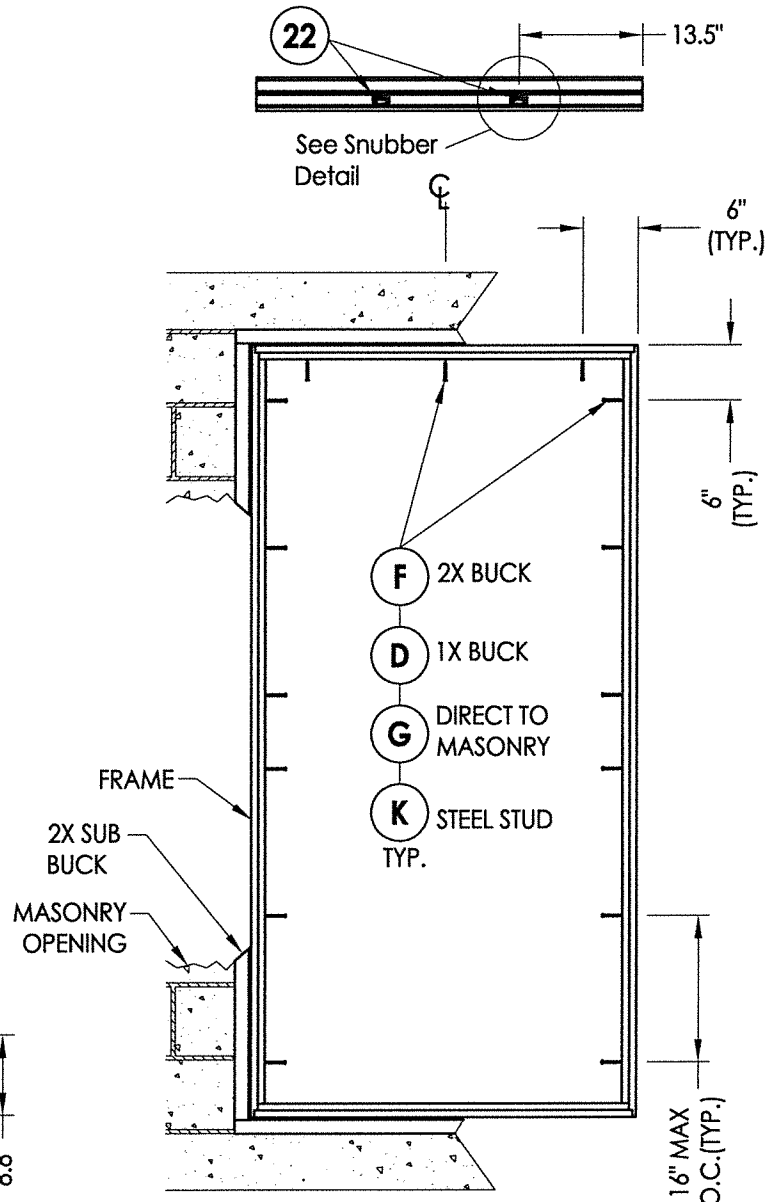
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14907.6
SHEET 3 OF 7



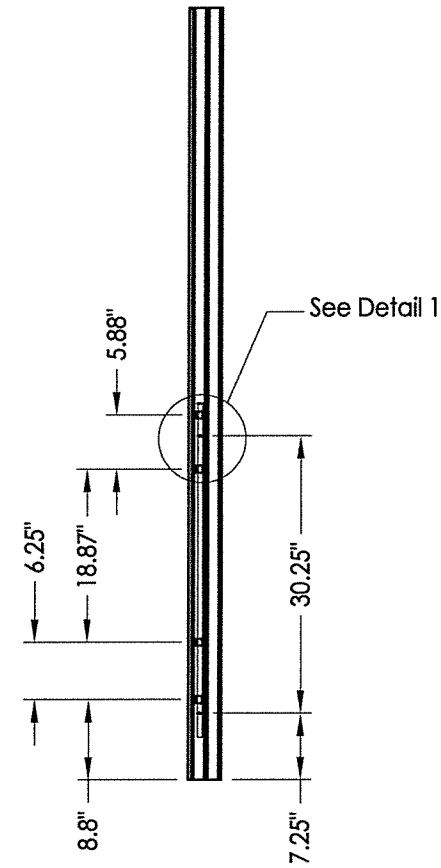
2X BUCK ANCHORING
42" X 84" Max Size



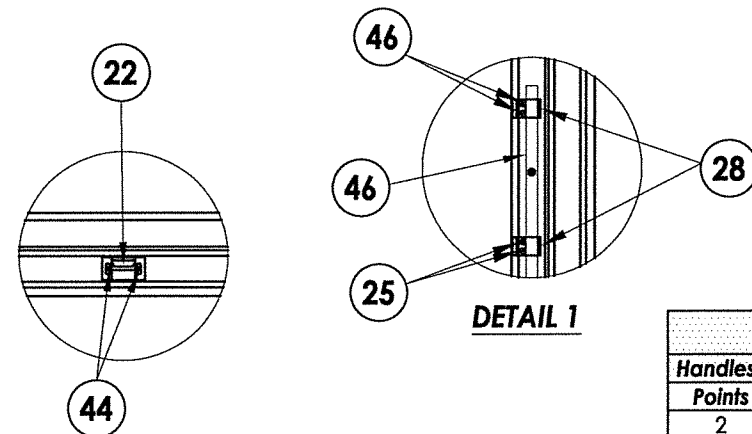
LOCK JAMB
2 Point Lock



FRAME MOUNT ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock



SNUBBER DETAIL

CONCRETE ANCHOR NOTES:

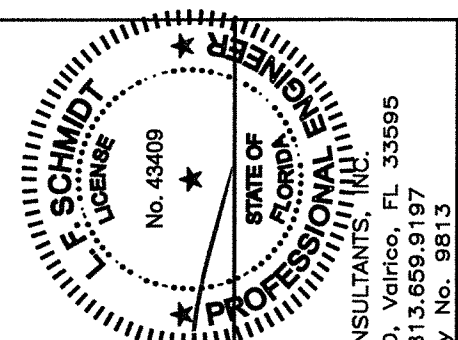
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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" |
| DeWALT ULTRACON+® | 1/4" | 1-1/4" | 1" | 4" |

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.

| HARDWARE TABLE | | | |
|----------------|-------------|--------|---|
| Points | Description | Height | |
| 2 | Multipoint | > 50" | *Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks |
| 1 | Multipoint | ≤ 50" | |
| Qty. | | | |
| 2 | Cam* | ≤ 50" | |

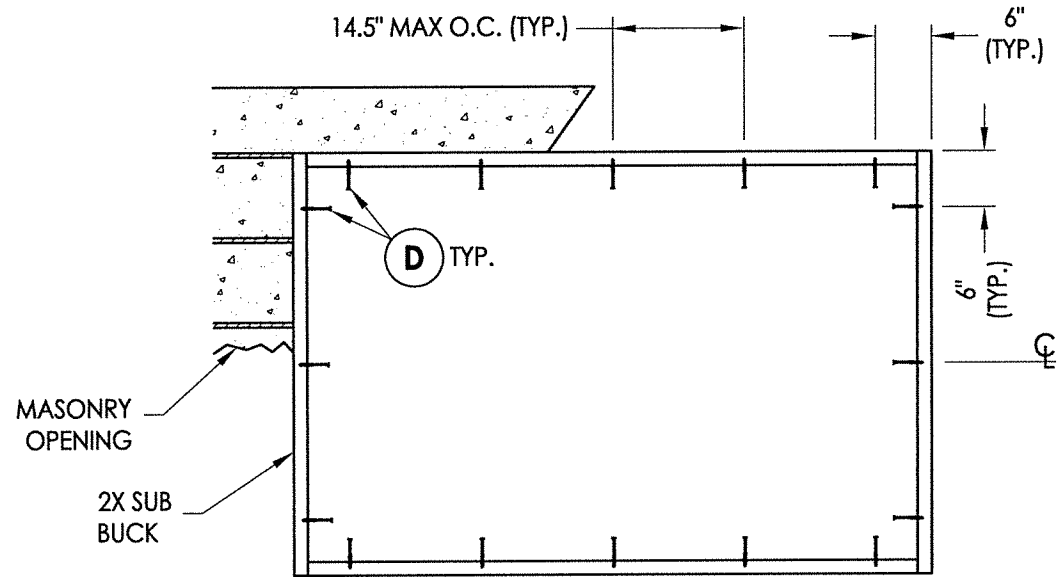


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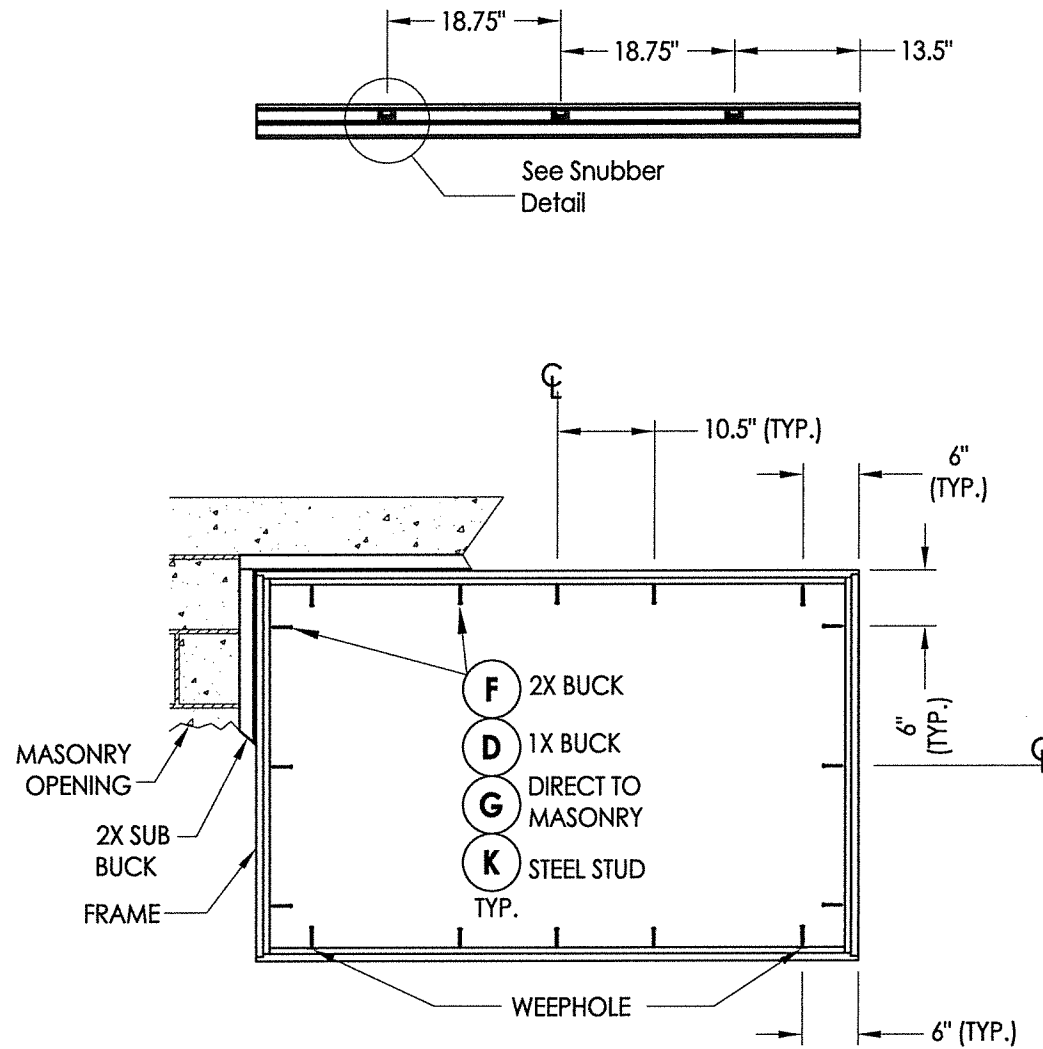
| PRODUCT: | |
|-----------------------------|----------|
| FLEETWOOD WINDOWS AND DOORS | |
| PART OR ASSEMBLY: | |
| BUCK & FRAME ANCHORING | |
| REVISIONS | |
| NO. | DATE |
| 5 | 12/08/21 |
| 4 | 8/10/20 |
| 3 | 8/07/17 |
| 2 | 8/22/16 |
| 1 | 1/22/15 |

DATE: 4/28/14
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-14907.6
 SHEET 4 OF 7

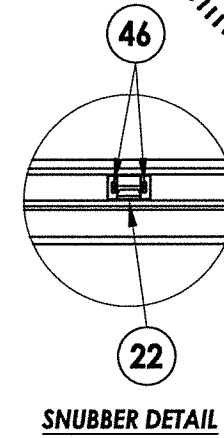
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2X BUCK ANCHORING
65" X 42" Max Size



FRAME MOUNT ANCHORING
65" X 42" Max Size



SNUBBER DETAIL

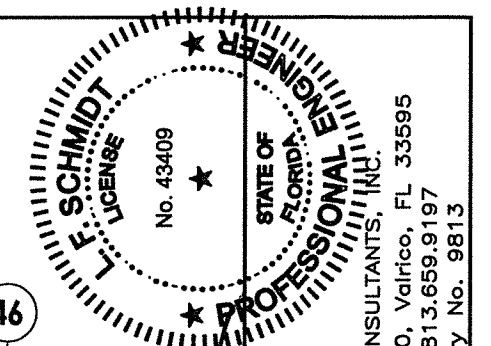
CONCRETE ANCHOR NOTES:

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WOOD SCREW INSTALLATION NOTES:

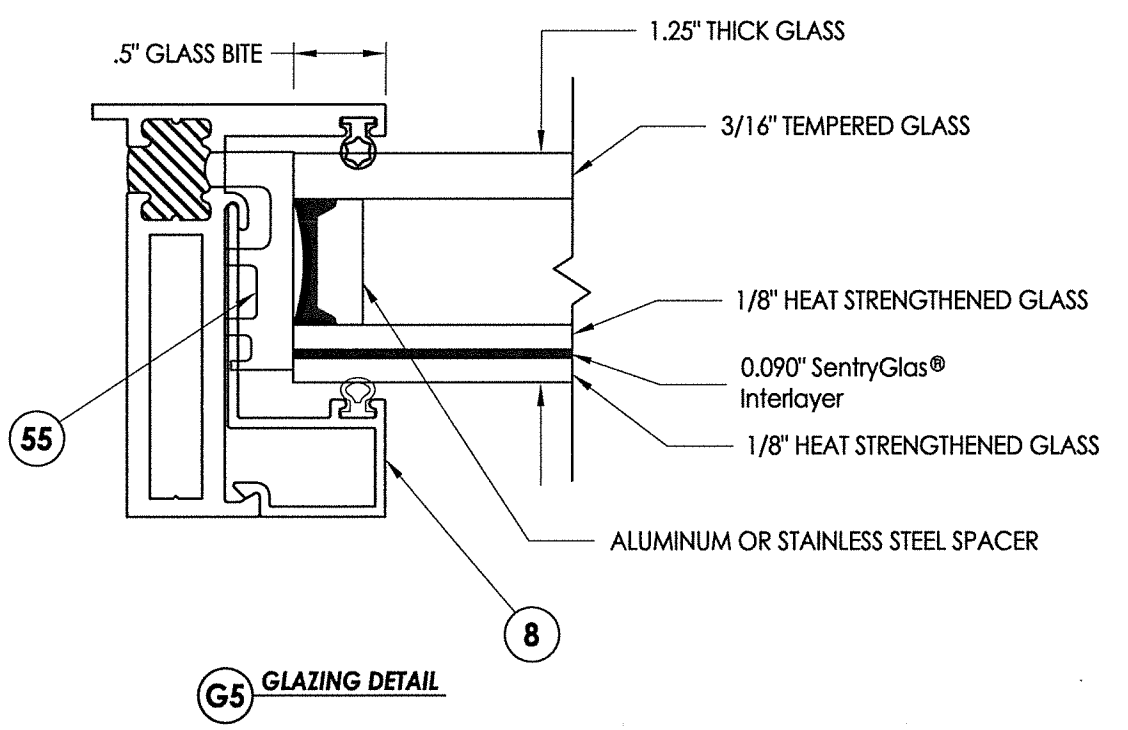
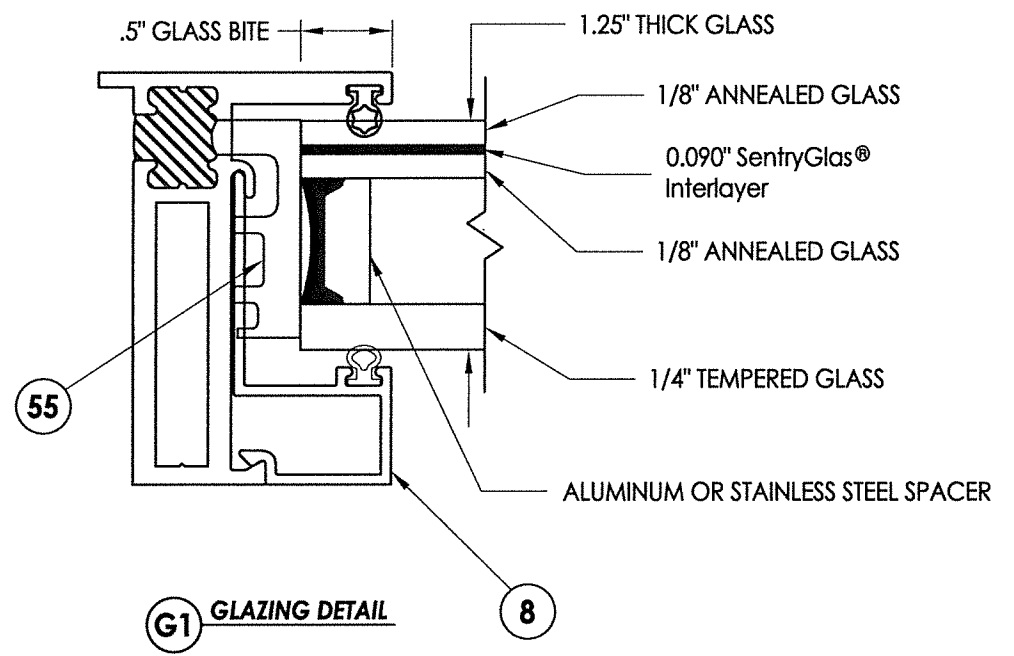
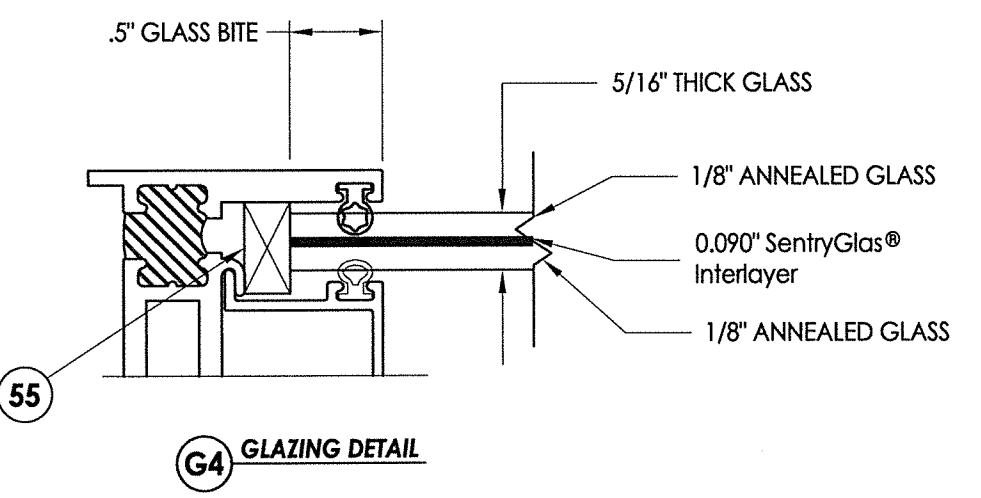
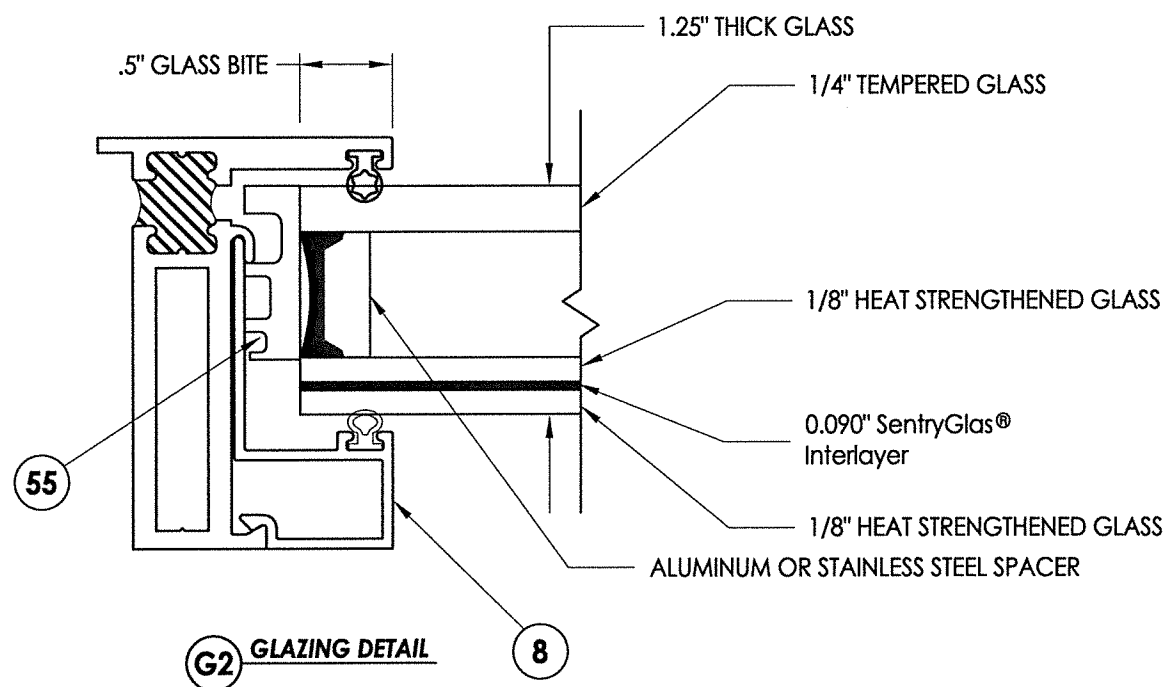
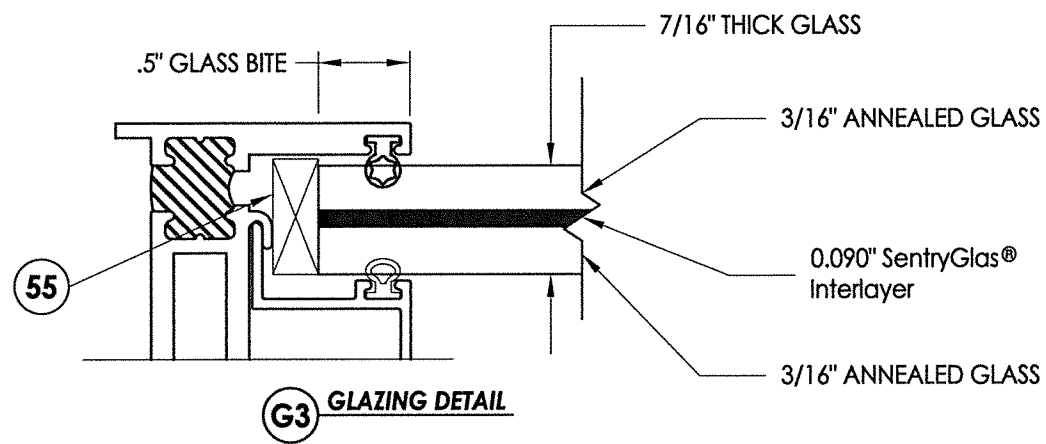
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



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FBPE Registry No. 9813

| | | | |
|-------------------------|--------------------------|-----------------------------|------|
| PRODUCT: | | FLEETWOOD WINDOWS AND DOORS | |
| PART OR ASSEMBLY: | | BUCK & FRAME ANCHORING | |
| LFS | NAME CHANGE | JK | BY |
| DAC | UPDATE TO 7TH ED. (2020) | FBC | DATE |
| LFS | UPDATE TO 6TH ED. (2017) | FBC | |
| JK | RENUMBER DRAWINGS | FBC | |
| LFS | UPDATE TO 5TH ED. (2014) | FBC | |
| REVISIONS | | | |
| NO. | DATE | NO. | DATE |
| 5 | 12/08/21 | | |
| 4 | 8/10/20 | | |
| 3 | 8/07/17 | | |
| 2 | 8/22/16 | | |
| 1 | 1/22/15 | | |
| DATE: 4/28/14 | | | |
| SCALE: N.T.S. | | | |
| DWG. BY: JK | | | |
| CHK. BY: LFS | | | |
| DRAWING NO.: FL-14907.6 | | | |
| SHEET 5 OF 7 | | | |



December 8, 2021
Documents Prepared By:
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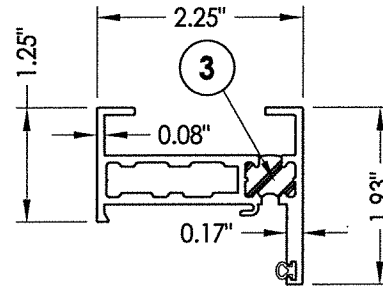
F. SCHMIDT
FL LICENSE
No. 43409

STATE OF FLORIDA
PROFESSIONAL ENGINEER

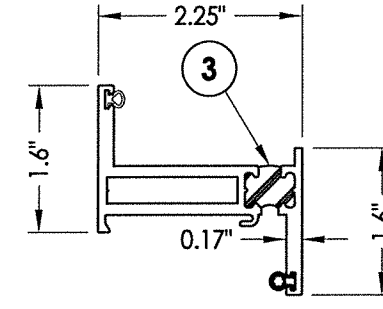
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

| | | | |
|-------------------------|--------------------------|-----------------------------|--------------------------|
| PRODUCT: | | FLEETWOOD WINDOWS AND DOORS | |
| PART OR ASSEMBLY: | | GLAZING DETAILS | |
| LFS | JK | LFS | BY |
| DAC | FBC | DAC | FBC |
| 12/08/21 | SERIES NAME CHANGE | 12/08/21 | SERIES NAME CHANGE |
| 4/8/10/20 | UPDATE TO 7th ED. (2020) | 4/8/10/20 | UPDATE TO 7th ED. (2020) |
| 3/8/07/17 | UPDATE TO 6TH ED. (2017) | 3/8/07/17 | UPDATE TO 6TH ED. (2017) |
| 2/8/22/16 | RENUMBER DRAWINGS | 2/8/22/16 | RENUMBER DRAWINGS |
| 1/1/22/15 | UPDATE TO 5TH ED. (2014) | 1/1/22/15 | UPDATE TO 5TH ED. (2014) |
| NO. | DATE | NO. | DATE |
| REVISIONS | | | |
| DATE: 4/28/14 | | SCALE: N.T.S. | |
| DWG. BY: JK | | CHK. BY: LFS | |
| DRAWING NO.: FL-14907.6 | | SHEET 6 OF 7 | |

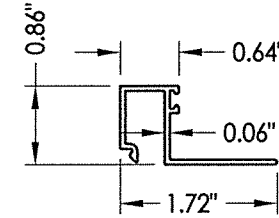
| BILL OF MATERIALS | | |
|-------------------|--|--------------|
| ITEM # | DESCRIPTION | MATERIAL |
| A | 1X BUCK SG >= 0.55 | WOOD |
| B | 2X BUCK SG >= 0.55 | WOOD |
| C | 1/4" MAX. SHIM SPACE | - |
| D | 1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW | STEEL |
| E | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE |
| F | #10 X 2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT) | STEEL |
| G | 1/4" X 3-3/4" DeWALT OR ITW PFH CONCRETE SCREW | STEEL |
| K | #10 PFH SELF-DRILLING SMS | STEEL |
| X | STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min) | STEEL |
| 3 | THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.) | - |
| 5 | BLOCK FRAME (350-T) | 6063-T6 ALUM |
| 7 | ZEE BAR (PANEL) | 6063-T6 ALUM |
| 8 | GLASS STOP (1-1/4") | 6063-T6 ALUM |
| 10 | GLASS STOP (5/16", 7/16") | 6063-T6 ALUM |
| 12 | SHEAR BLOCK | 6061-T6 ALUM |
| 13 | CORNER KEY | 6063-T6 ALUM |
| 14 | INSERT STOP | 6063-T6 ALUM |
| 19 | 2 BAR HINGE | SS |
| 21 | 4 BAR HINGE | SS |
| 22 | SNUBBER-COMMERCIAL PULL-IN BLOCK | SS |
| 23 | MULTIPOINT LOCK HANDLE | SS |
| 24 | 1 POINT LOCKING BAR (TRUTH) | SS |
| 25 | 2 POINTS LOCKING BAR (TRUTH) | SS |
| 28 | TIE BAR GUIDE (TRUTH) | - |
| 29 | KEEPER (TRUTH) | SS |
| 30 | CASEMENT ROTOR GEAR 13.5" (TRUTH) | SS |
| 31 | CASEMENT ROTOR GEAR 9.5" (TRUTH) | SS |
| 35 | CAM HANDLE / STRIKE PLATE | SS |
| 36 | CASEMENT SS. TRACK (TRUTH) | SS |
| 40 | #10 X 1" PPH SMS | STEEL |
| 42 | MACHINGE SCREW NO 10-32, FHP .75" | STEEL |
| 44 | SCREW NO 8, PHP, .50" | STEEL |
| 46 | SCREW NO 8, FHP, .750" | STEEL |
| 48 | BACK UP NUTS | STEEL |
| 50 | BULB VINYL (EPDM 70 DUROMETER)-TREMCO | - |
| 51 | MINI BULB VINYL (EPDM 70 DUROMETER)-TREMCO | - |
| 55 | SETTING BLOCK | - |



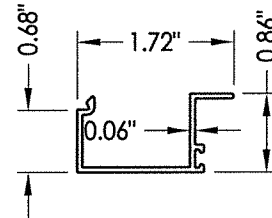
5 BLOCK FRAME



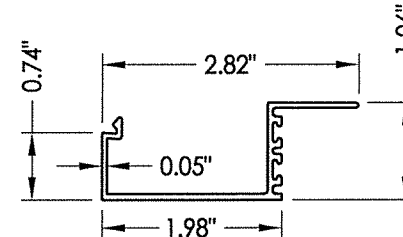
7 ZEE BAR (PANEL)



8 GLASS STOP 1-1/4"



10 GLASS STOP 5/16", 7/16"



14 INSERT STOP

December 8, 2021
 Documents Prepared By:
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 FBPE Registry No. 9813

PRODUCT: FLEETWOOD WINDOWS AND DOORS
 PART OR ASSEMBLY: BILL OF MATERIALS AND COMPONENTS

| NO. | DATE | DESCRIPTION | BY |
|-----|----------|--------------------------|-----|
| 5 | 12/08/21 | SERIES NAME CHANGE | LFS |
| 4 | 8/10/20 | UPDATE TO 7th ED. (2020) | DAC |
| 3 | 8/07/17 | UPDATE TO 6TH ED. (2017) | FBC |
| 2 | 8/22/16 | RENUMBER DRAWINGS | JK |
| 1 | 1/22/15 | UPDATE TO 5TH ED. (2014) | LFS |

DATE: 4/28/14
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-14907.6
 SHEET 7 OF 7