



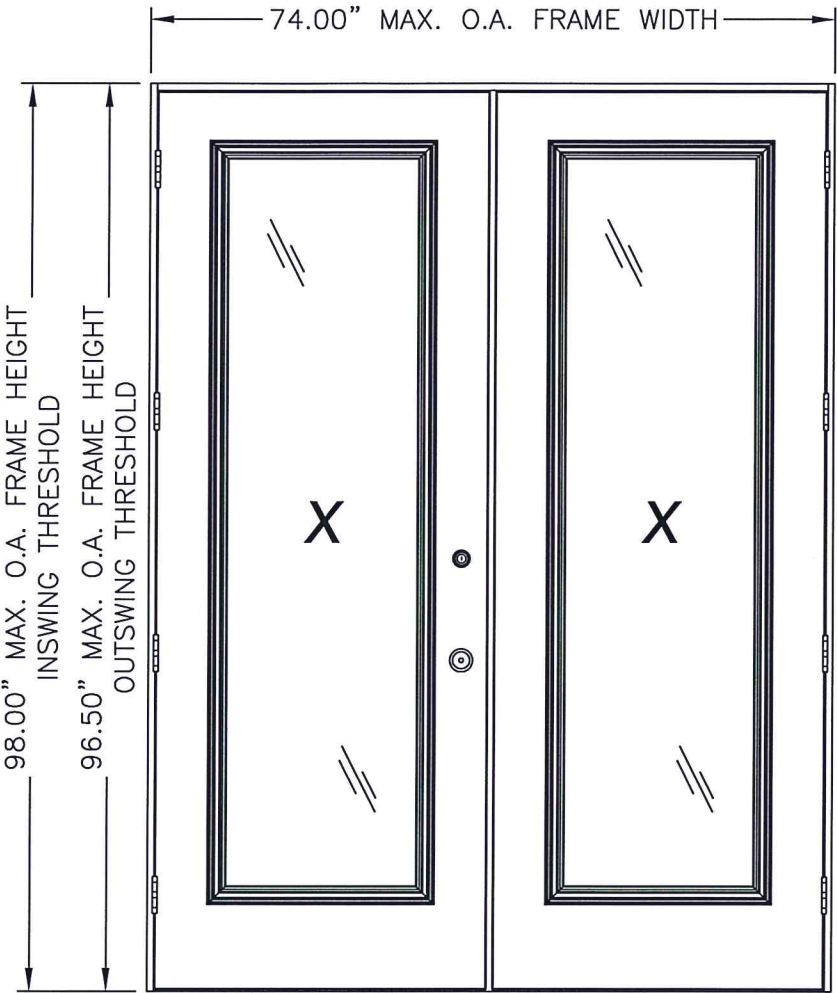
5200 W. CENTURY BLVD.  
LOS ANGELES, CA 90045

GLAZED FIBERGLASS DOUBLE DOOR  
INSWING/OUTSWING  
IMPACT

GENERAL NOTES

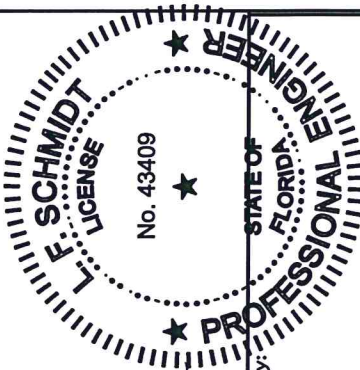
1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the FBC 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 Section 1609.1.2.2 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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| SHEET #           | DESCRIPTION                                         |
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| 3                 | HORIZONTAL CROSS SECTIONS                           |
| 4                 | VERTICAL CROSS SECTIONS                             |
| 5                 | BUCK & FRAME ANCHORING                              |
| 6                 | ASTRAGAL DETAILS                                    |
| 7                 | BILL OF MATERIALS & COMPONENTS                      |



GLAZED DOUBLE DOOR

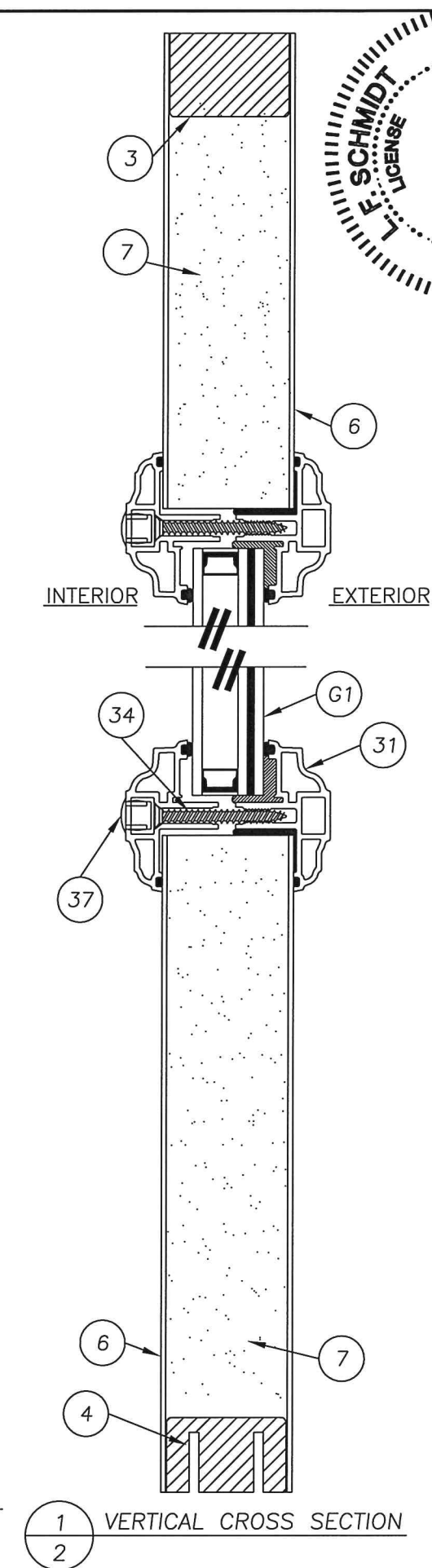
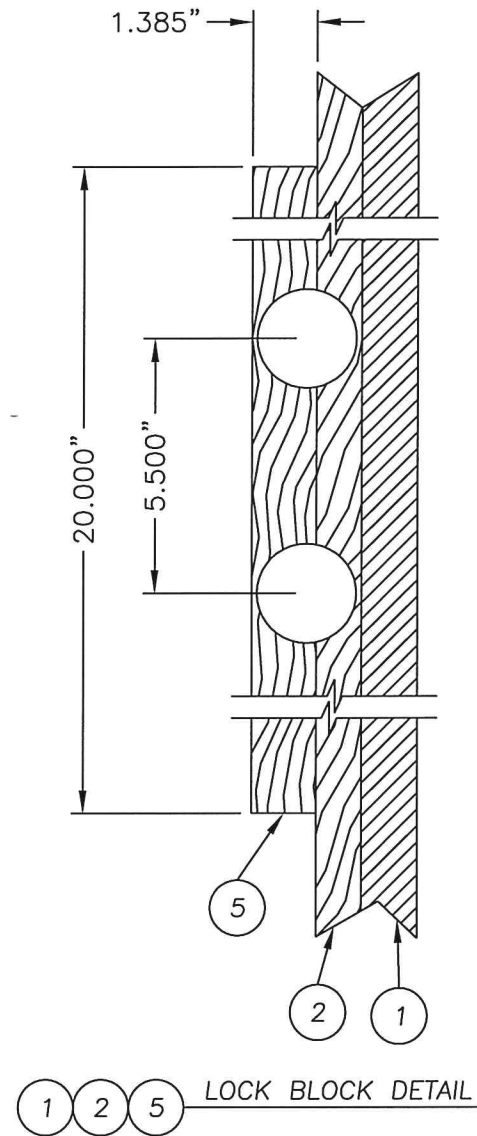
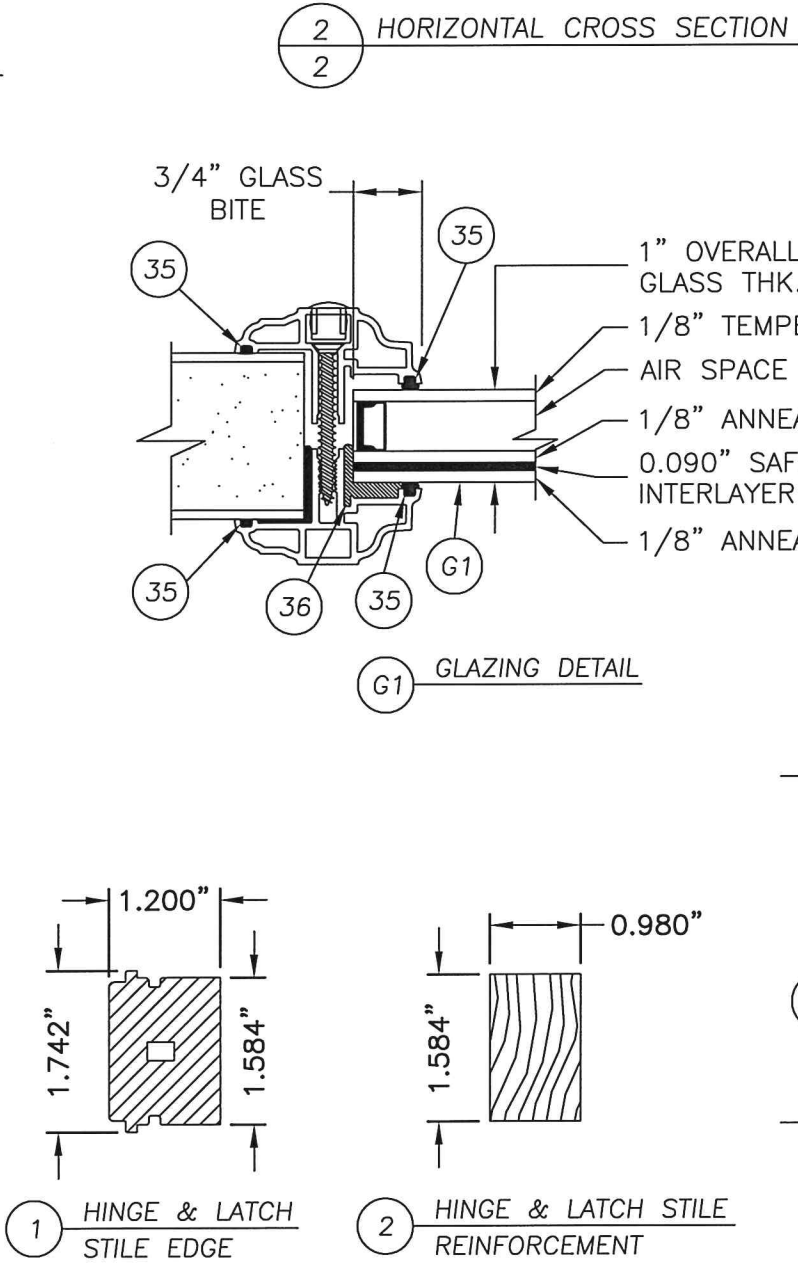
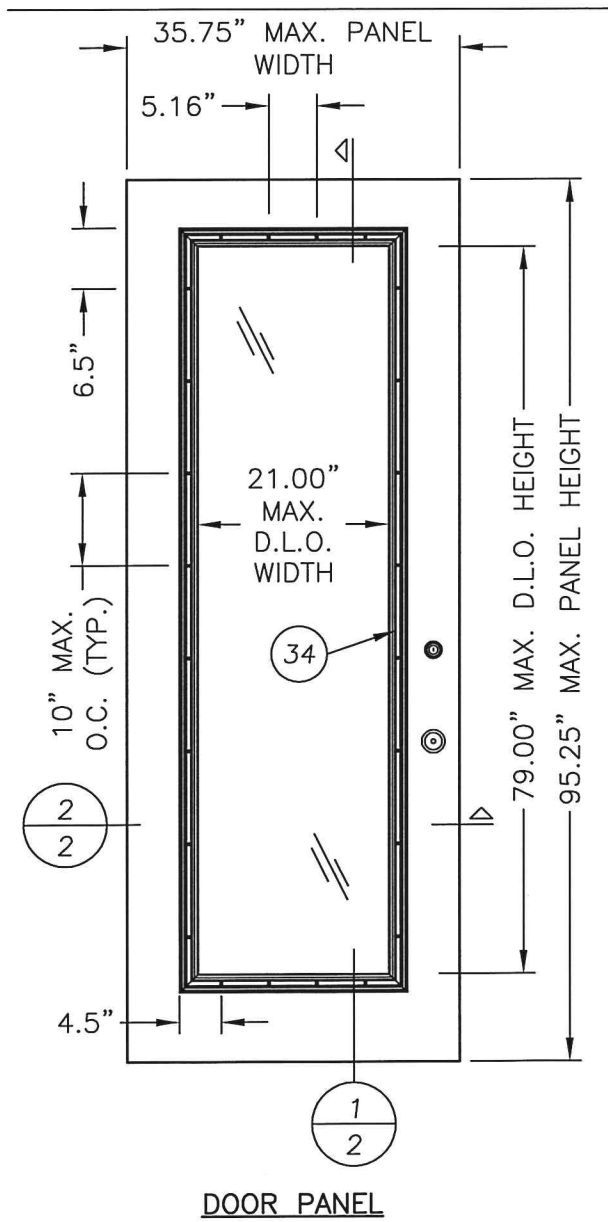
| SWING    | MAX. O.A. FRAME DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) |          |
|----------|---------------------------|------------|-----------------------|----------|
|          |                           |            | POSITIVE              | NEGATIVE |
| OUTSWING | 74.00" X 96.50"           | G1         | +50.0                 | -50.0    |
| INSWING  | 74.00" X 98.00"           |            | +50.0                 | -50.0    |



Documents Prepared By: Lyndon F. Schmidt  
P.E. No. 43409  
4-27-15  
R.W. BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

|                                        |          |                                                                       |           |
|----------------------------------------|----------|-----------------------------------------------------------------------|-----------|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR |          | PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES |           |
|                                        |          | JK                                                                    | BY        |
|                                        |          | 04/22/15                                                              | DATE      |
| 1                                      | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC                                          | REVISIONS |
| DATE: 02/01/12                         |          |                                                                       |           |
| SCALE: N.T.S.                          |          |                                                                       |           |
| DWG. BY: JK                            |          |                                                                       |           |
| CHK. BY: LFS                           |          |                                                                       |           |
| DRAWING NO.: FL-17184.4                |          |                                                                       |           |
| SHEET 1 OF 7                           |          |                                                                       |           |

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Professional Engineer  
F. SCHMIDT  
License No. 43409  
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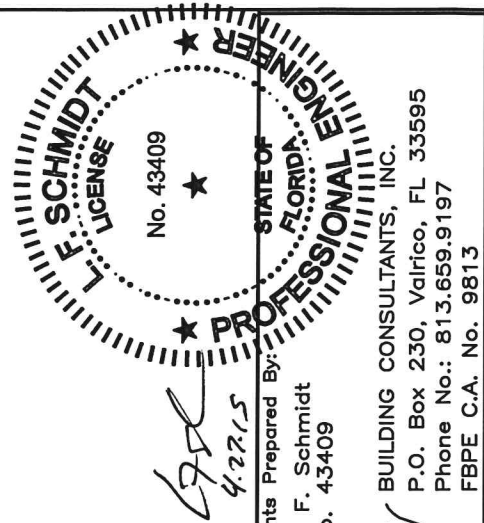
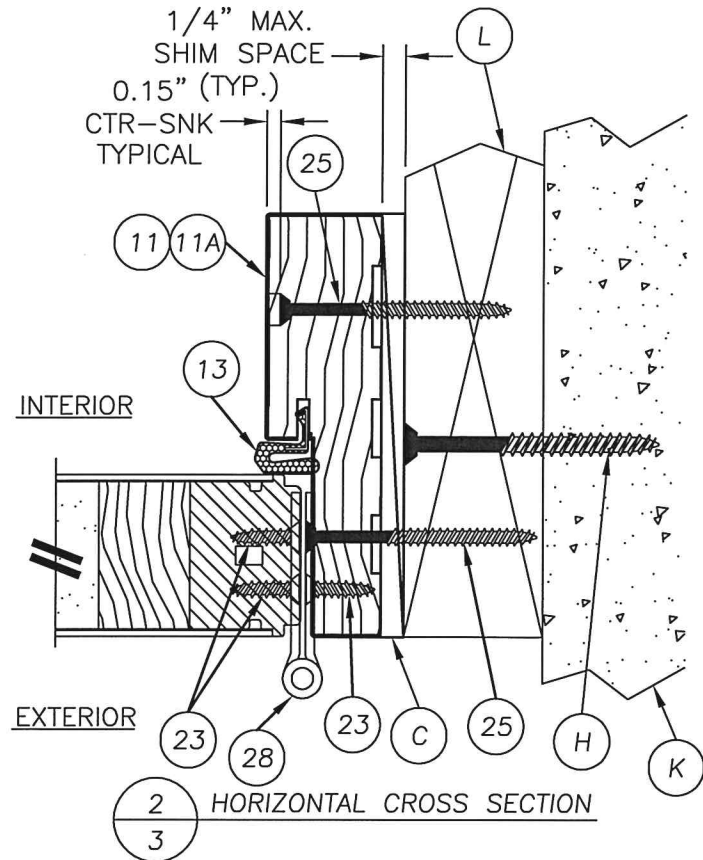
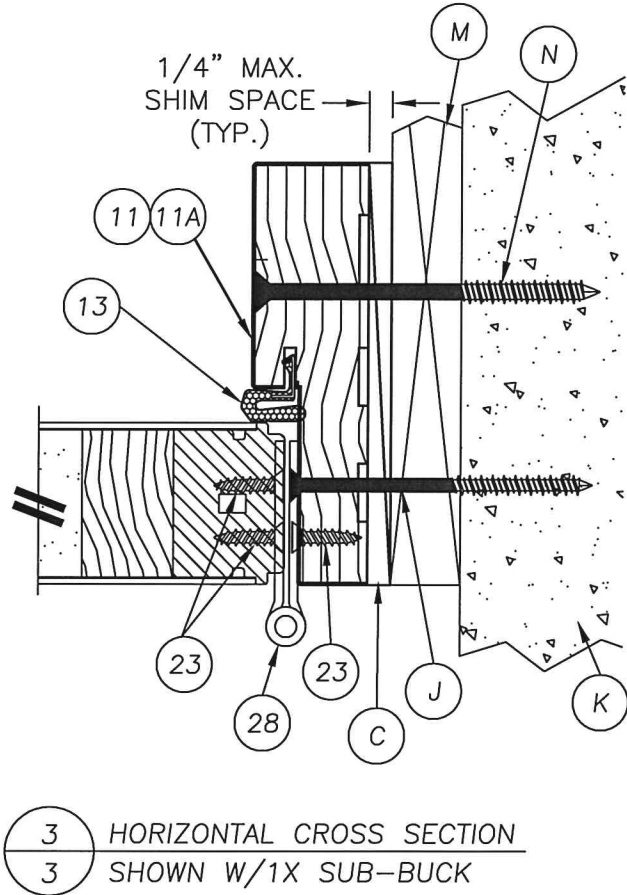
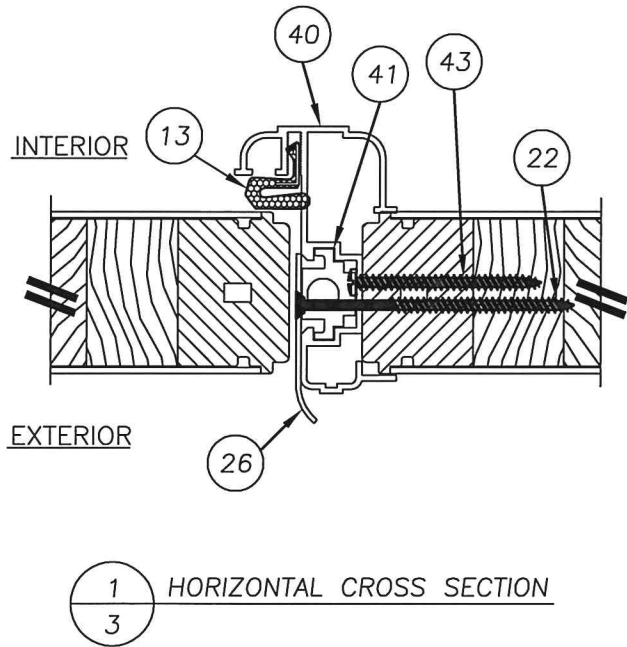
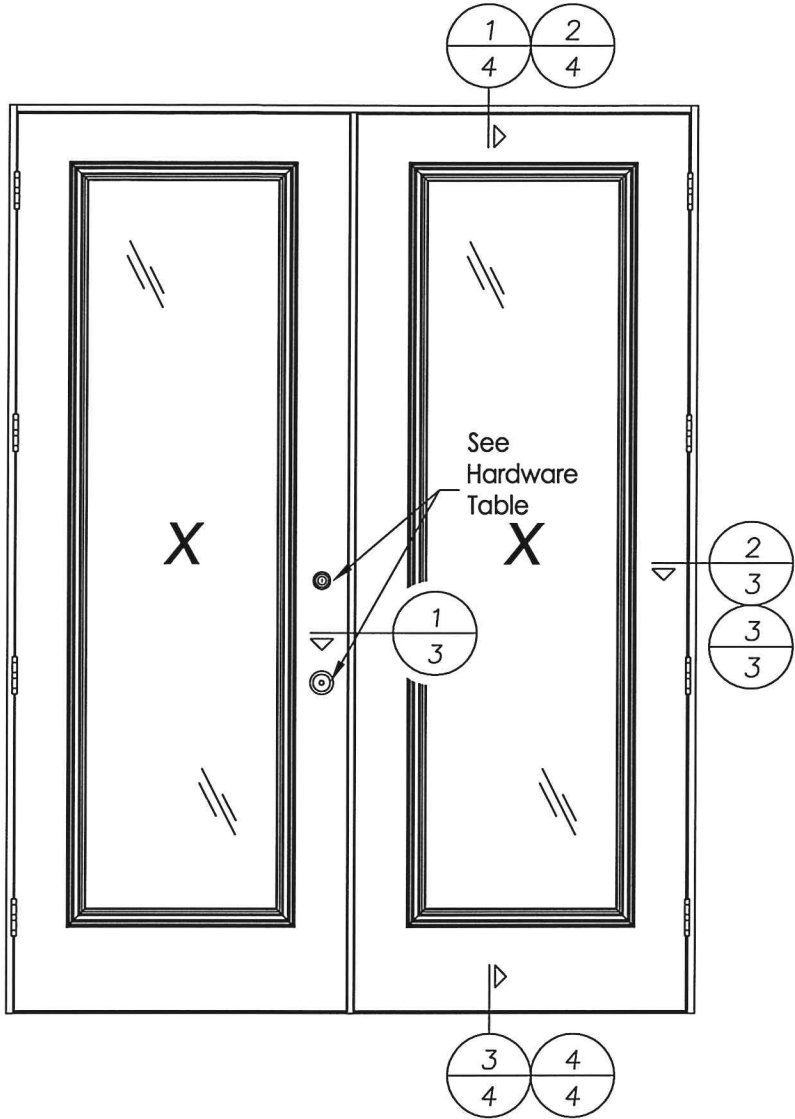
RW  
BUILDING CONSULTANTS, INC.  
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Phone No.: 813.659.9197  
FBPE C.A. No. 9813

|                   |            |                                               |          |
|-------------------|------------|-----------------------------------------------|----------|
| PRODUCT:          |            | PLASTPRO INC.<br>FIBERGLASS DOOR              |          |
| PART OR ASSEMBLY: |            | PANEL DETAILS, COMPONENTS<br>& GLAZING DETAIL |          |
| DATE:             | 02/01/12   | NO.                                           | DATE     |
| SCALE:            | N.T.S.     | 1                                             | 04/22/15 |
| DWG. BY:          | JK         | UPDATE TO 5TH ED. (2014)                      | FBC      |
| CHK. BY:          | LFS        | NO.                                           | DATE     |
| DRAWING NO.:      | FL-17184.4 | REVISIONS                                     |          |
| SHEET             | 2          | OF                                            | 7        |



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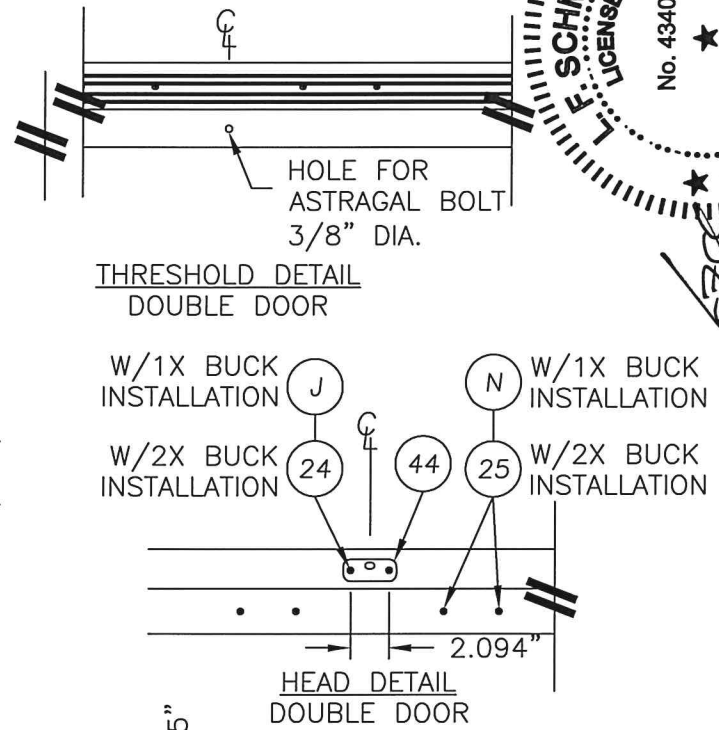
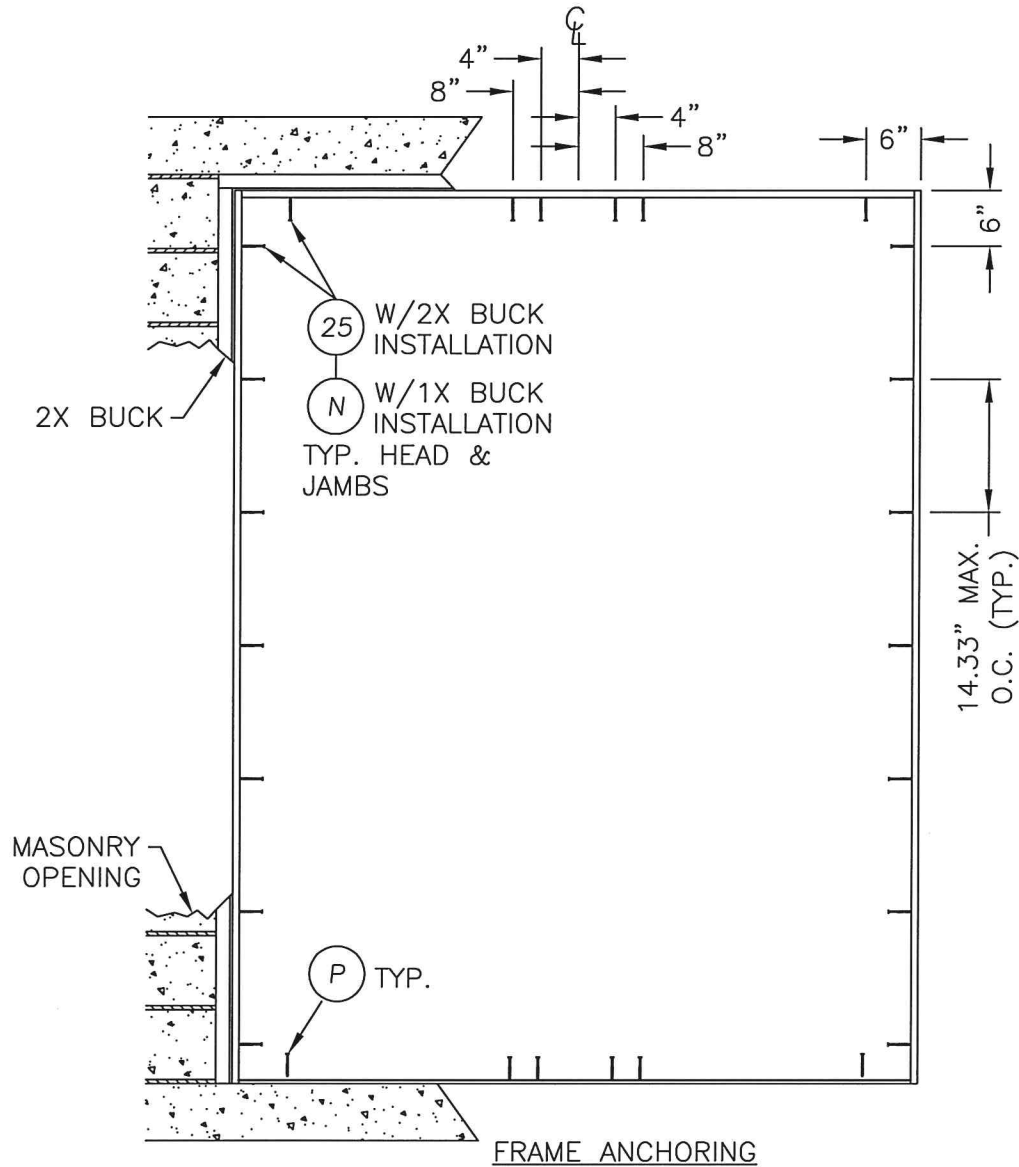
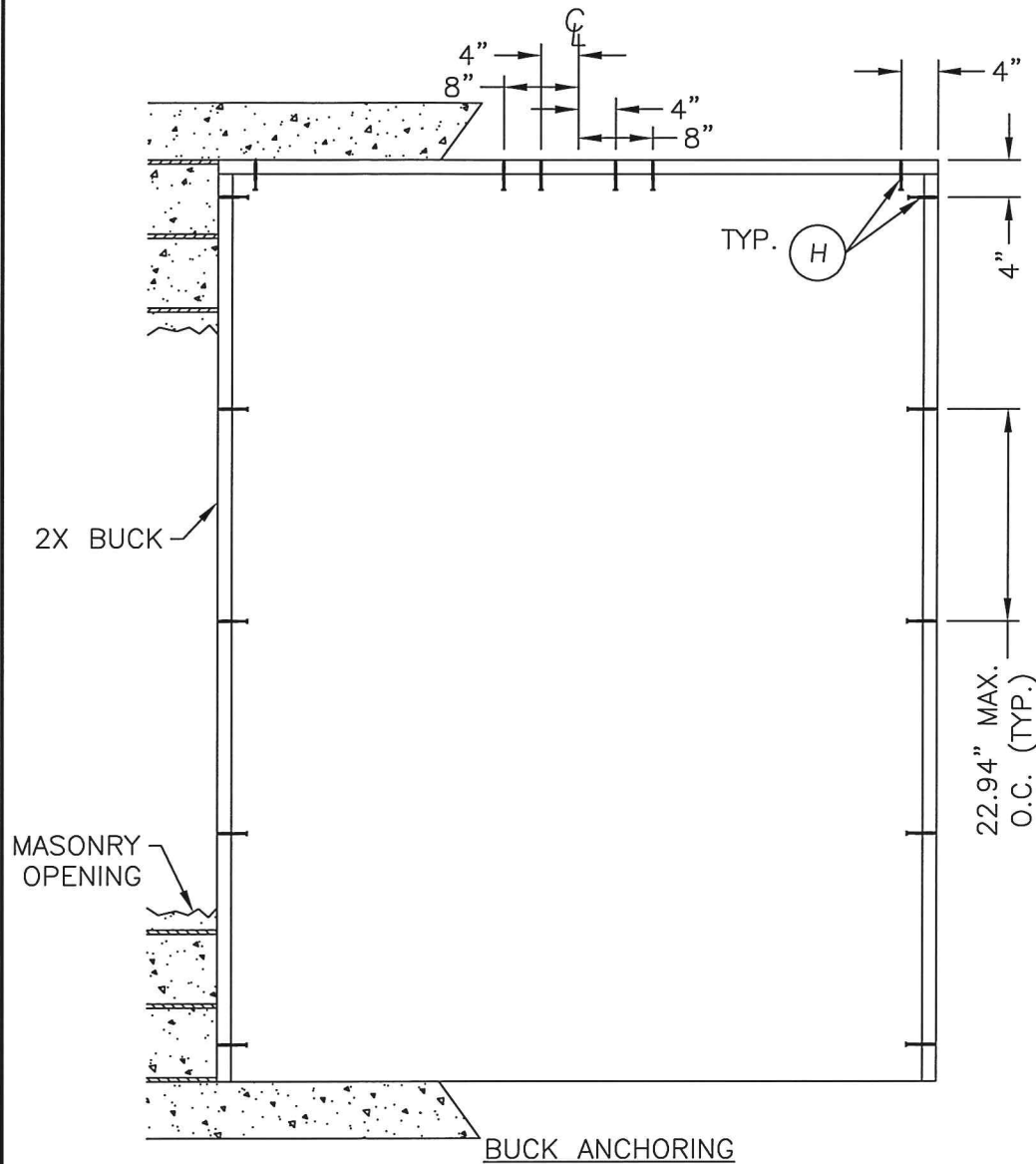
| HARDWARE TABLE |           |                           |
|----------------|-----------|---------------------------|
| MANUFACTURER   | MODEL     |                           |
| KWIKSET        | LOCK:     | SIGNATURE SERIES          |
|                | DEADBOLT: | SIGNATURE SERIES (780)    |
| YALE           | LOCK:     | YH COLLECTION             |
|                | DEADBOLT: | YH COLLECTION (80 SERIES) |
| SCHLAGE        | LOCK:     | "F" SERIES                |
|                | DEADBOLT: | B60/62                    |



|                                                               |  |                                                                                                                |                                       |
|---------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE C.A. No. 9813 |                                       |
| PRODUCT:<br>PLASTPRO INC.<br>FIBERGLASS DOOR                  |  | PART OR ASSEMBLY:<br>HORIZONTAL CROSS SECTIONS                                                                 |                                       |
|                                                               |  | REVISIONS                                                                                                      |                                       |
|                                                               |  | 1                                                                                                              | 04/22/15 UPDATE TO 5TH ED. (2014) FBC |
|                                                               |  | NO.                                                                                                            | DATE                                  |
|                                                               |  | JK                                                                                                             | BY                                    |
|                                                               |  | DATE: 02/01/12                                                                                                 |                                       |
|                                                               |  | SCALE: N.T.S.                                                                                                  |                                       |
|                                                               |  | DWG. BY: JK                                                                                                    |                                       |
|                                                               |  | CHK. BY: LFS                                                                                                   |                                       |
|                                                               |  | DRAWING NO.: FL-17184.4                                                                                        |                                       |
|                                                               |  | SHEET 3 OF 7                                                                                                   |                                       |



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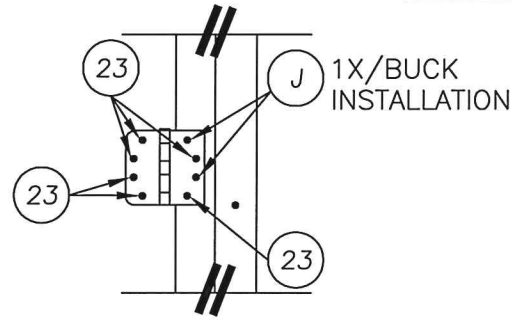
#### CONCRETE ANCHOR NOTES:

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:

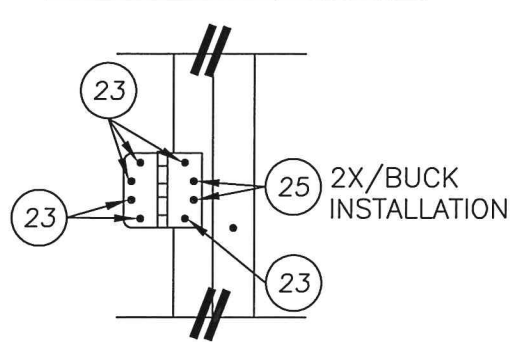
| ANCHOR TYPE    | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|----------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®    | 1/4"        | 1-1/4"         | 2"          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

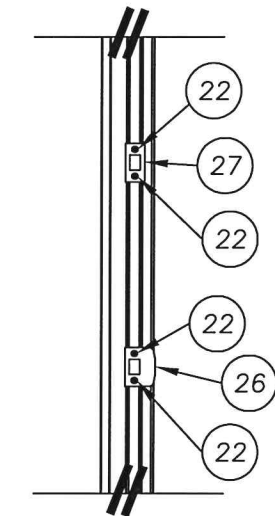
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



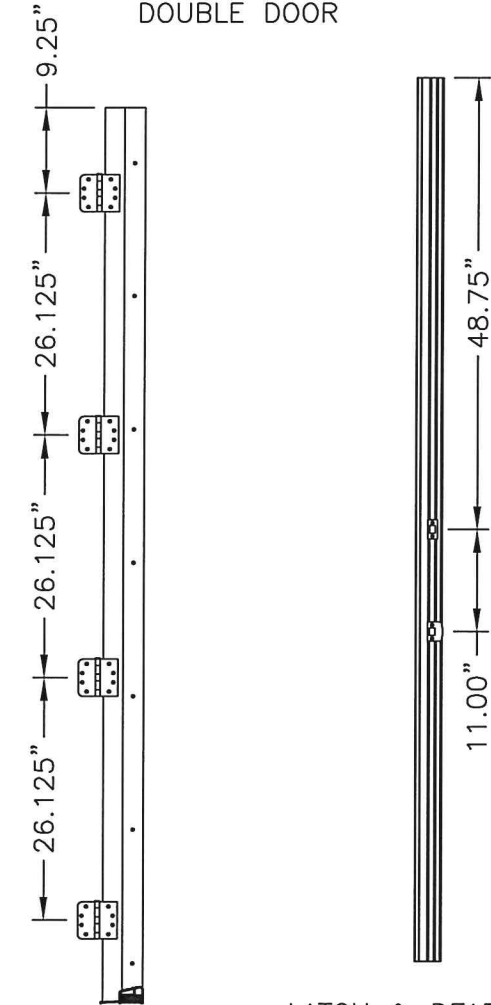
HINGE DETAIL w/1X BUCK



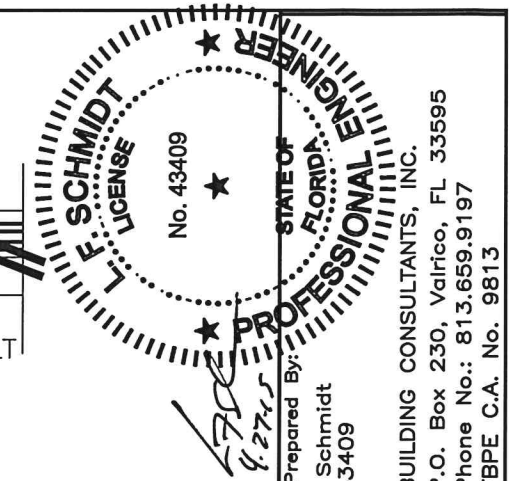
HINGE DETAIL w/2X BUCK



STRIKE PLATE DETAIL



HINGE LOCATIONS LATCH & DEADBOLT LOCATIONS - ASTRAGAL



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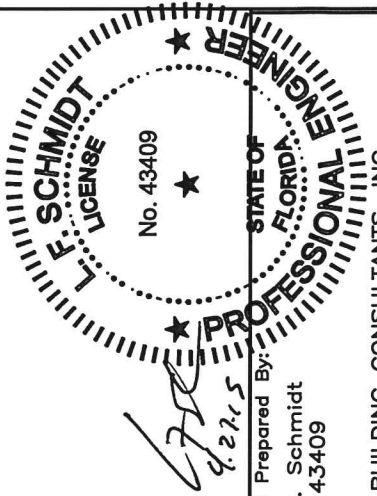
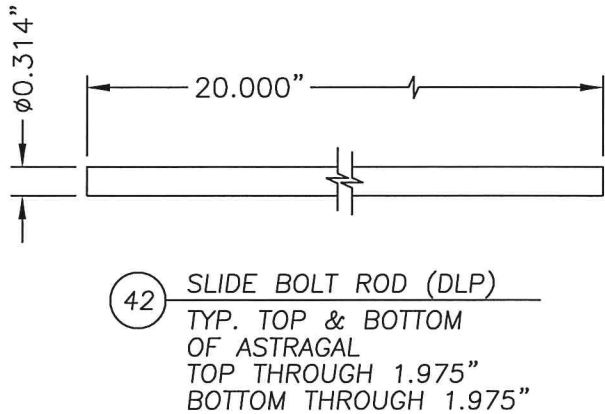
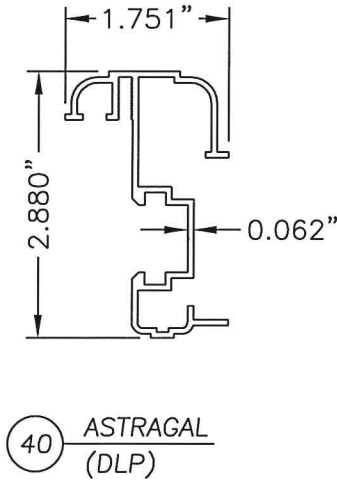
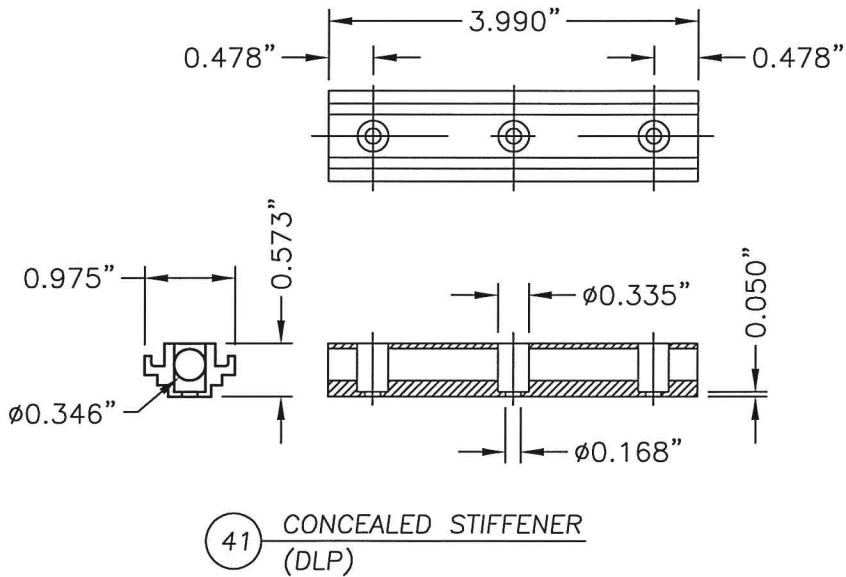
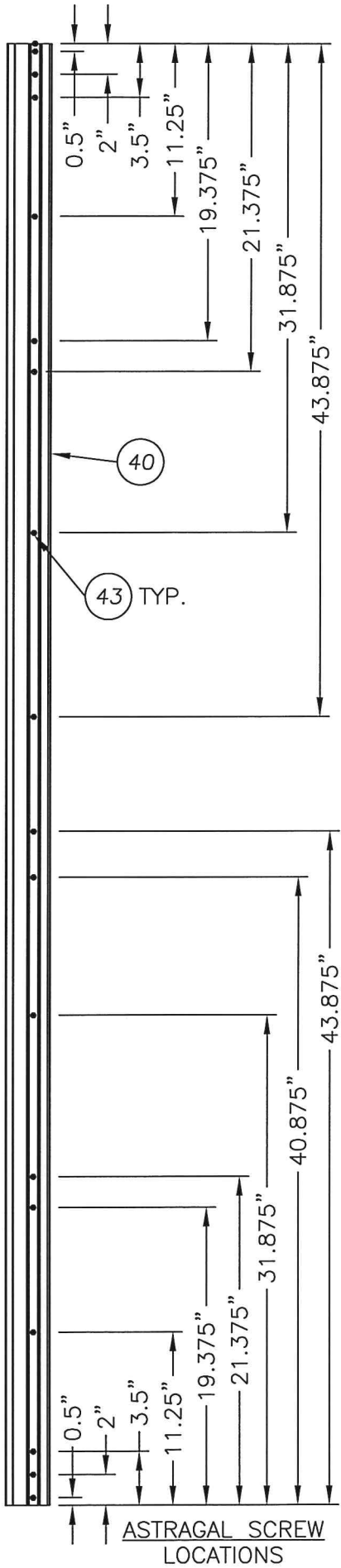
RW BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

PRODUCT:  
PLASTPRO INC.  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
BUCK & FRAME  
ANCHORING

| NO. | DATE     | REVISIONS                    |
|-----|----------|------------------------------|
| 1   | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC |
| JK  | BY       |                              |

DATE: 02/01/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-17184.4  
SHEET 5 OF 7



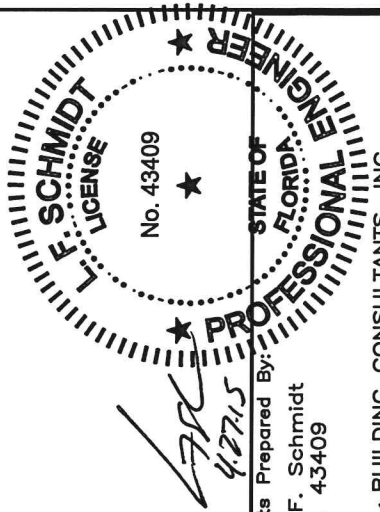
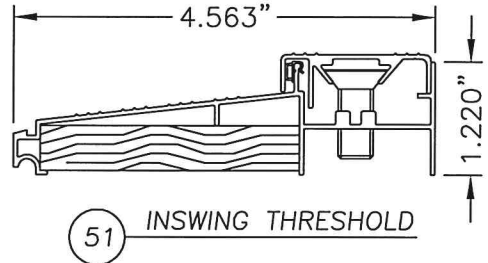
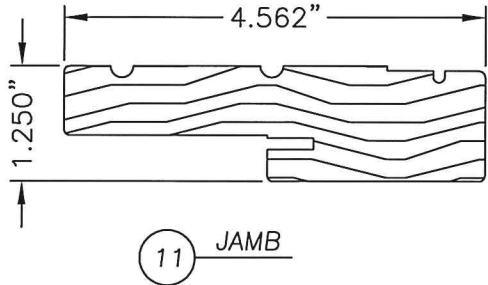
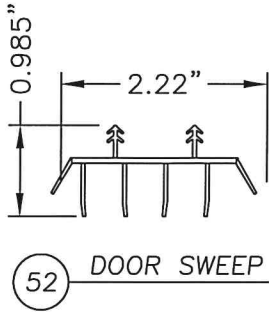
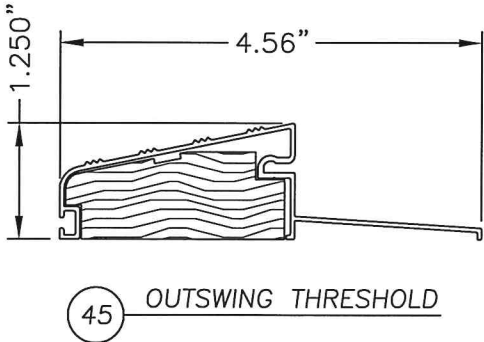
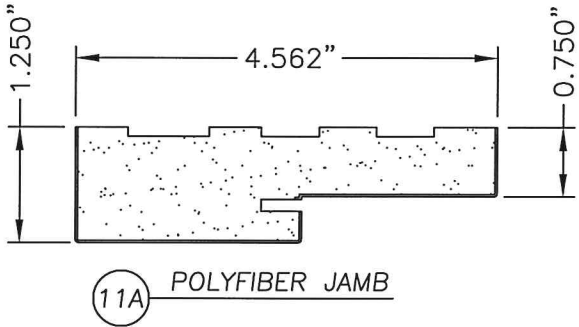
Documents Prepared By: Lyndon F. Schmidt  
P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595  
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|                                        |          |                                    |    |
|----------------------------------------|----------|------------------------------------|----|
| PRODUCT: PLASTPRO INC. FIBERGLASS DOOR |          | PART OR ASSEMBLY: ASTRAGAL DETAILS |    |
|                                        |          | JK                                 | BY |
|                                        |          | REVISIONS                          |    |
| 1                                      | 04/22/15 | UPDATE TO 5TH ED. (2014) FBC       | JK |
| NO.                                    | DATE     |                                    |    |
| DATE: 02/01/12                         |          |                                    |    |
| SCALE: N.T.S.                          |          |                                    |    |
| DWG. BY: JK                            |          |                                    |    |
| CHK. BY: LFS                           |          |                                    |    |
| DRAWING NO.: FL-17184.4                |          |                                    |    |
| SHEET 6 OF 7                           |          |                                    |    |

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| BILL OF MATERIALS |                                                                                                |              |
|-------------------|------------------------------------------------------------------------------------------------|--------------|
| ITEM              | DESCRIPTION                                                                                    | MATERIAL     |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | WOOD         |
| H                 | 1/4" X 2-3/4" ELCO OR ITW PFH CONCRETE SCREW                                                   | STEEL        |
| J                 | 3/16" X 3-1/4" ITW PFH CONCRETE SCREW                                                          | STEEL        |
| K                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE     |
| L                 | 2X BUCK (SG >= 0.55)                                                                           | WOOD         |
| M                 | 1X BUCK (SG >= 0.55)                                                                           | WOOD         |
| N                 | 1/4" X 3-3/4" ITW PFH CONCRETE SCREW                                                           | STEEL        |
| P                 | 1/4" X 2-1/4" ITW PFH CONCRETE SCREW                                                           | STEEL        |
| 1                 | HINGE & LATCH STILE EDGE                                                                       | COMPOSITE    |
| 2                 | HINGE & LATCH STILE REINFORCEMENT                                                              | WOOD         |
| 3                 | TOP RAIL                                                                                       | COMPOSITE    |
| 4                 | BOTTOM RAIL                                                                                    | COMPOSITE    |
| 5                 | LOCK BLOCK                                                                                     | WOOD         |
| 6                 | DOOR SKIN (0.069" THK.) PLAST PRO/NANYA Fy= 11,063 PSI                                         | FIBERGLASS   |
| 7                 | FOAM CORE                                                                                      | POLYURETHANE |
| 11                | JAMB FINGER-JOINT-PINE SG >= 0.42                                                              | WOOD         |
| 11A               | POLYFIBER JAMB                                                                                 | POLYFIBER    |
| 13                | WEATHERSTRIP                                                                                   | FOAM         |
| 22                | #8 X 3" PFH WOOD SCREW                                                                         | STEEL        |
| 23                | #10 X 3/4" PFH WOOD SCREW                                                                      | STEEL        |
| 24                | #10 X 2-1/2" PFH SMS                                                                           | STEEL        |
| 25                | #10 X 2-1/2" PFH WOOD SCREW                                                                    | STEEL        |
| 26                | LATCH STRIKE PLATE                                                                             | STEEL        |
| 27                | DEADBOLT STRIKE PLATE                                                                          | STEEL        |
| 28                | 4" HINGE                                                                                       | STEEL        |
| 31                | ODL LITE FRAME                                                                                 | ALUMINUM     |
| 34                | #10 X 1-3/4" PFH WOOD SCREW                                                                    | STEEL        |
| 35                | GLAZING COMPOUND REDI-SEAL BY ODL, POLYMERIC FOAM                                              | P/MERIC FOAM |
| 36                | STRUCTURAL SILICONE DOW #995                                                                   | SILICONE     |
| 37                | SCREW PLUG                                                                                     | -            |
| 40                | ASTRAGAL 6063-T5 ALUMINUM BY DLP                                                               | ALUMINUM     |
| 41                | CONCEALED STIFFENER 6063-T6 ALUMINUM BY DLP                                                    | ALUMINUM     |
| 42                | SLIDE BOLT ROD                                                                                 | STEEL        |
| 43                | #8 X 2" PPH WOOD SCREW                                                                         | STEEL        |
| 44                | ASTRAGAL STRIKE PLATE @ HEAD                                                                   | STEEL        |
| 45                | OUTSWING THRESHOLD BY DLP                                                                      | ALUM./WOOD   |
| 51                | INSWING THRESHOLD BY DLP                                                                       | ALUM./WOOD   |
| 52                | DOOR BOTTOM SWEEP                                                                              | VINYL        |



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FIBERGLASS DOOR

PART OR ASSEMBLY:  
BILL OF MATERIALS  
& COMPONENTS

DATE: 02/01/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17184.4

SHEET 7 OF 7