

Z:\2023 FBC Drawings\Taylor Entrance Systems\FL-14513 R5\FL-14513.1-2.dwg



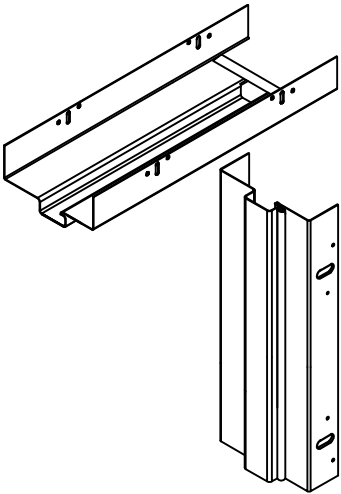
AMERICA'S DOORMAKER  
631 N. FIRST ST. WEST BRANCH, MI 48661

TAYLOR OPAQUE STEEL EDGE DOOR  
UTILIZING FIXED STEEL DOOR FRAME

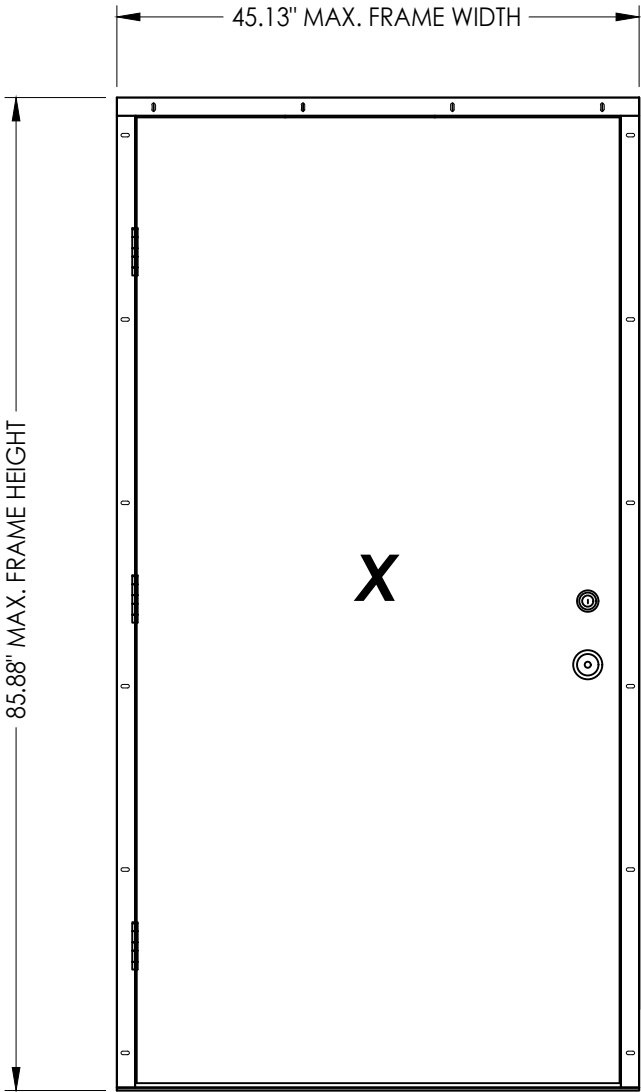
INSWING / OUTSWING  
"IMPACT"

GENERAL NOTES

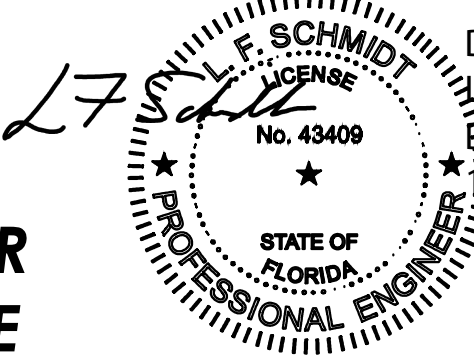
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
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. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. Configurations utilizing the high-dam outswing bump threshold (item #30) meet water infiltration requirements for the "HVHZ".
6. Configurations utilizing inswing threshold (item #31), outswing threshold (item #32) and the ADA threshold (item #33), do not meet the water infiltration requirements for the "HVHZ". These units shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
8. When used in the "HVHZ", steel must be protected as specified in FBC Section 2222.6.



FIXED FRAME  
IDP ENTRY-FIT™ (F-SERIES)



| OVERALL<br>FRAME<br>DIMENSION | DESIGN PRESSURE (PSF) |          |
|-------------------------------|-----------------------|----------|
|                               | POSITIVE              | NEGATIVE |
| 45.13" X 85.88"               | + 60.0                | - 60.0   |



Digitally signed by  
Lyndon F Schmidt  
Date: 2025.12.15  
14:47:55 -05'00'

This item has been digitally signed and sealed by  
L. F. Schmidt, P.E. on the date adjacent to the seal.  
Printed copies of this document are not  
considered signed and sealed and the signature  
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA

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

TAYLOR  
STEEL DOOR

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

712/15/25ADD DOOR PANEL OPTIONS

67/06/23UPDATE TO 8TH ED. (2023) FBC

57/20/20UPDATE TO 7TH ED. (2020) FBC

47/20/17UPDATE TO 6TH ED. (2017) FBC

NO. DATE

REVISIONS

DATE: 4/11/11

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

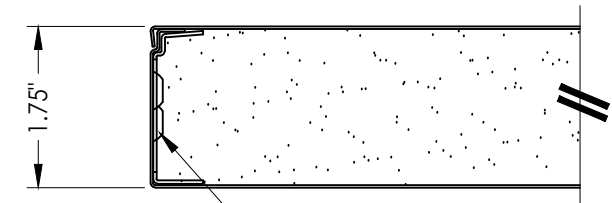
DRAWING NO.:  
FL-14513.2

SHEET 1 OF 7

Building Consultants, Inc.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

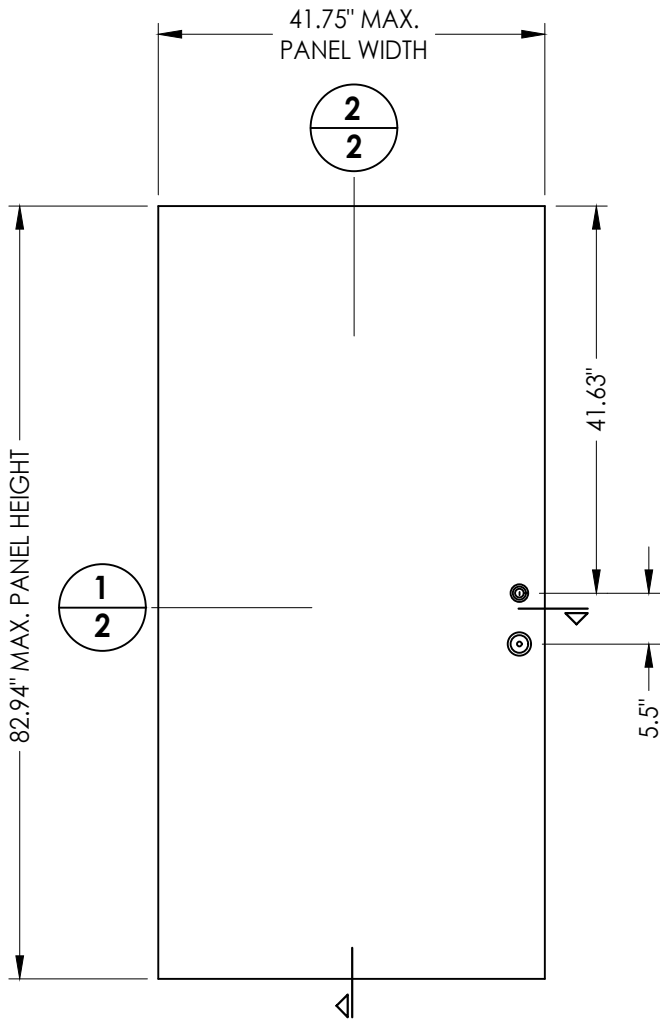
© 2011 R.W. BUILDING CONSULTANTS INC.

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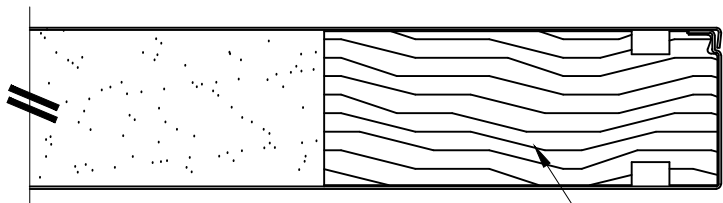
HINGE REINFORCEMENT  
(18 GA. STEEL)

1  
2 **HORIZONTAL CROSS SECTION**

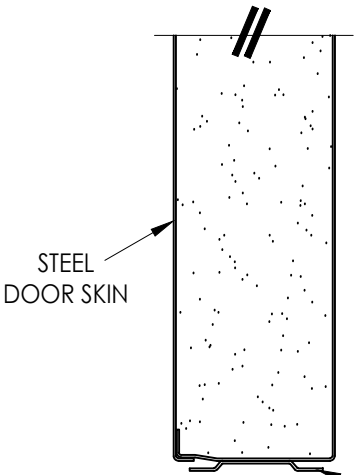
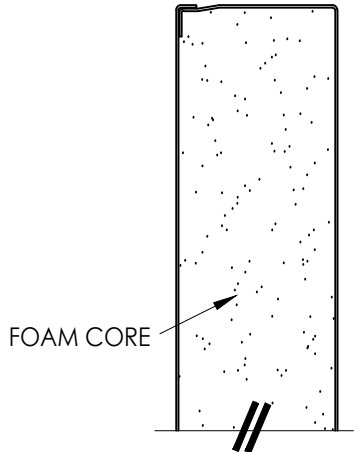


40 **DOOR PANEL**  
Steel (Taylor)

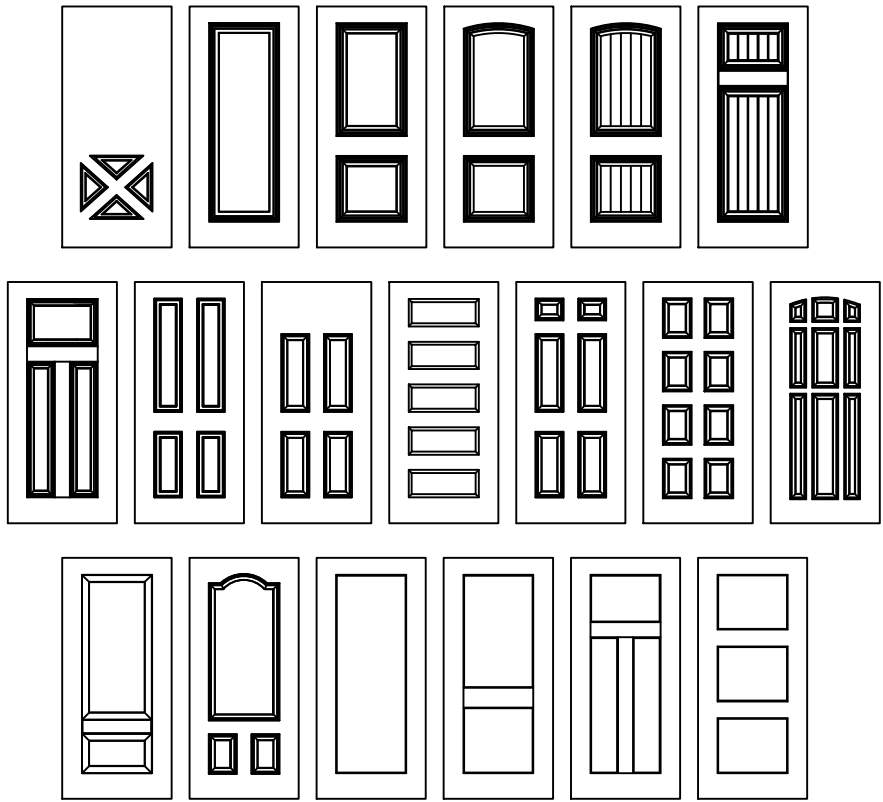
STEEL DOOR SKIN: MIN. 0.020" THK. GALVANIZED STEEL (F<sub>y</sub> = 33,000 PSI MIN.)  
CORE MATERIAL: POLYURETHANE FOAM (2 lbs/FT<sup>3</sup> DENSITY)



WOOD LOCK BLOCK  
(16.5" LONG)



2  
2 **VERTICAL CROSS SECTION**



***Taylor Opaque Door Panel Options***

Products approved include all embossed and recessed panel doors.  
Panels shown are for illustration and are representative only.

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

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

PRODUCT: TAYLOR  
STEEL DOOR

PART OR ASSEMBLY:

DOOR PANEL DETAILS

| NO. | DATE     | REVISIONS                |
|-----|----------|--------------------------|
| 7   | 12/15/25 | ADD DOOR PANEL OPTIONS   |
| 6   | 7/06/23  | UPDATE TO 8TH ED. (2023) |
| 5   | 7/20/20  | UPDATE TO 7TH ED. (2020) |
| 4   | 7/20/17  | UPDATE TO 6TH ED. (2017) |
| 3   |          |                          |
| 2   |          |                          |
| 1   |          |                          |

DATE: 4/11/11

SCALE: N.T.S.

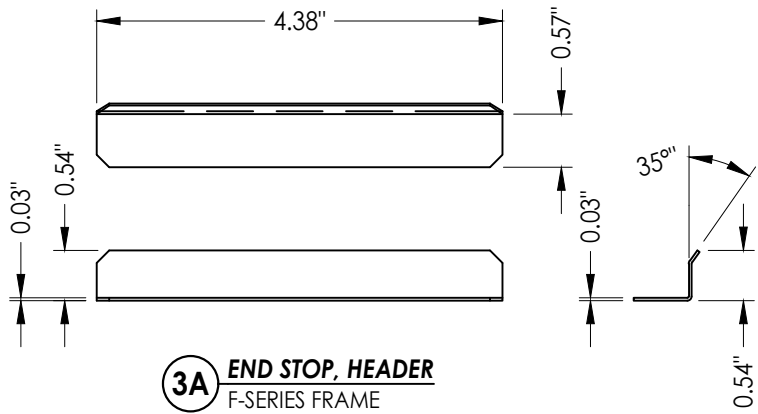
DWG. BY: JK

CHK. BY: LFS

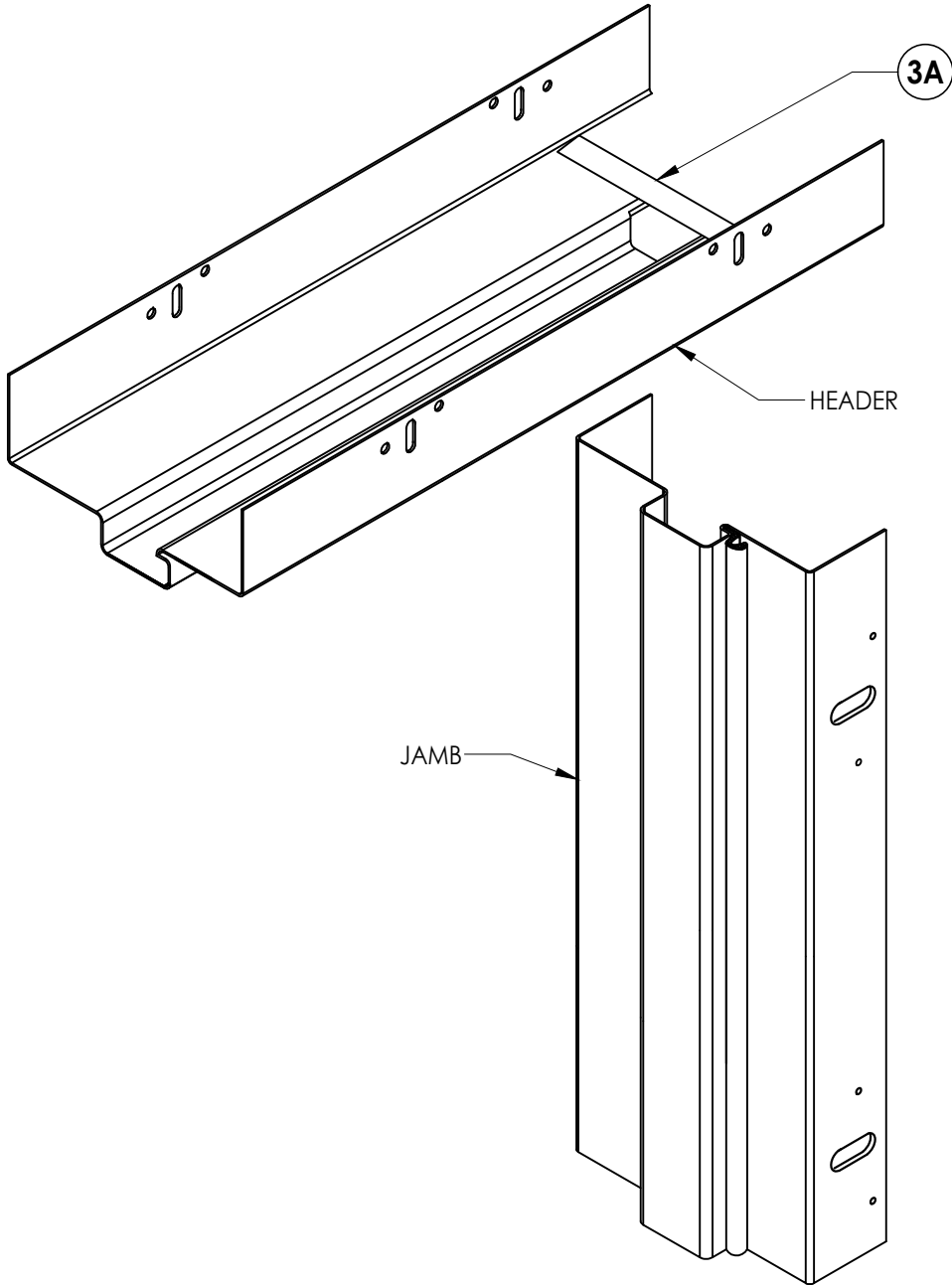
DRAWING NO.:

FL-14513.2

SHEET 2 OF 7



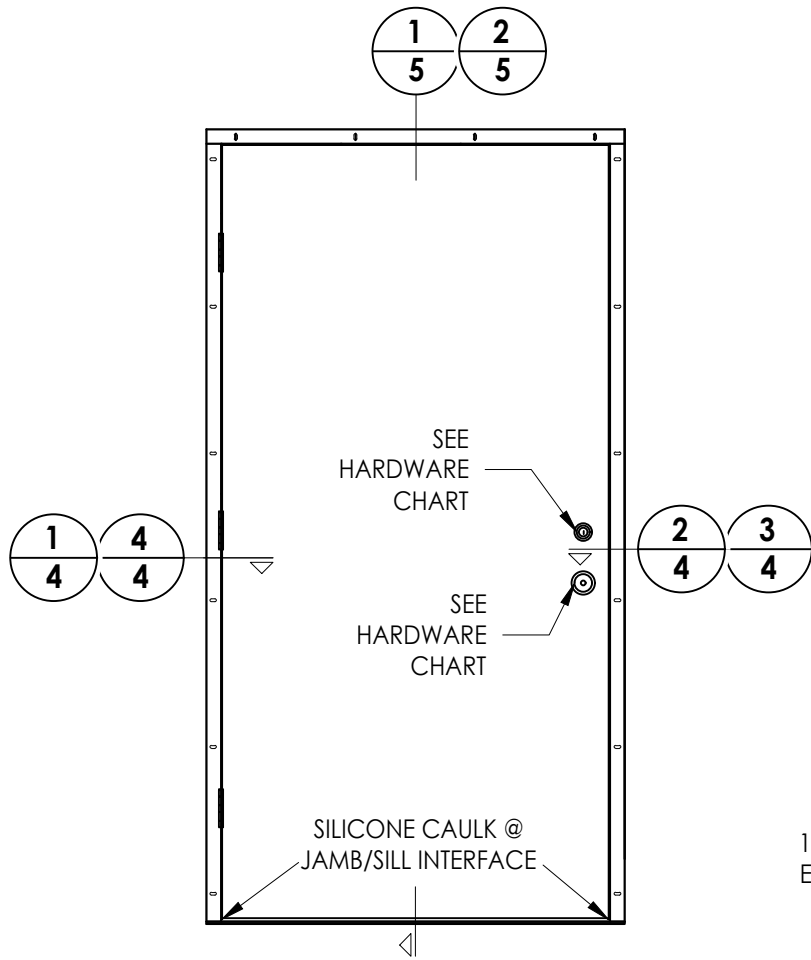
**3A** END STOP, HEADER  
F-SERIES FRAME



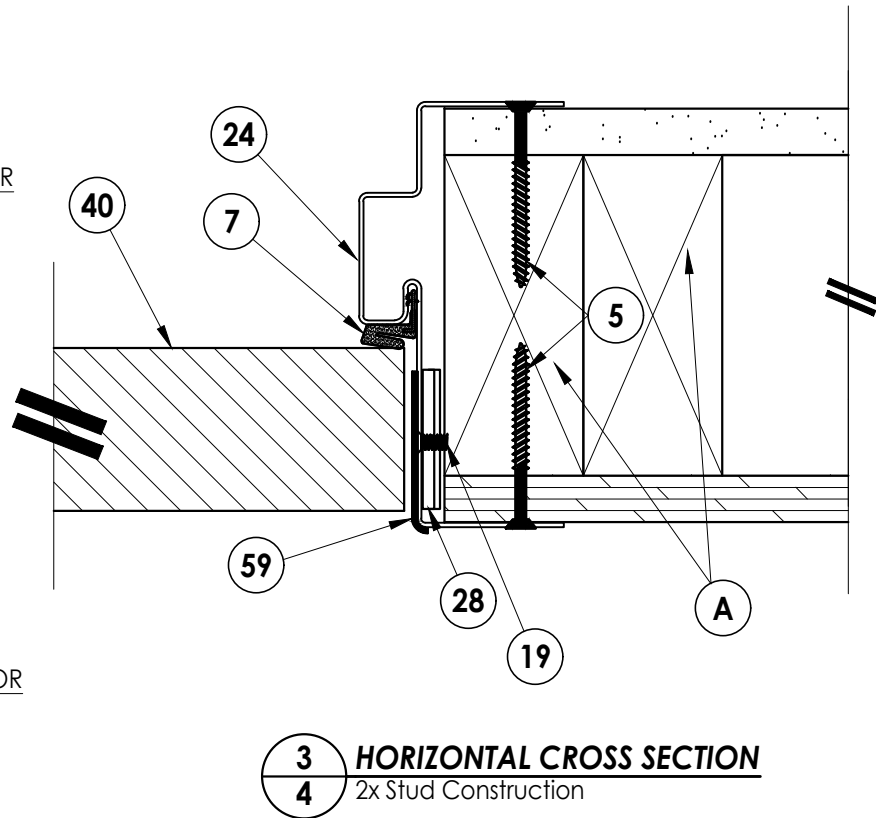
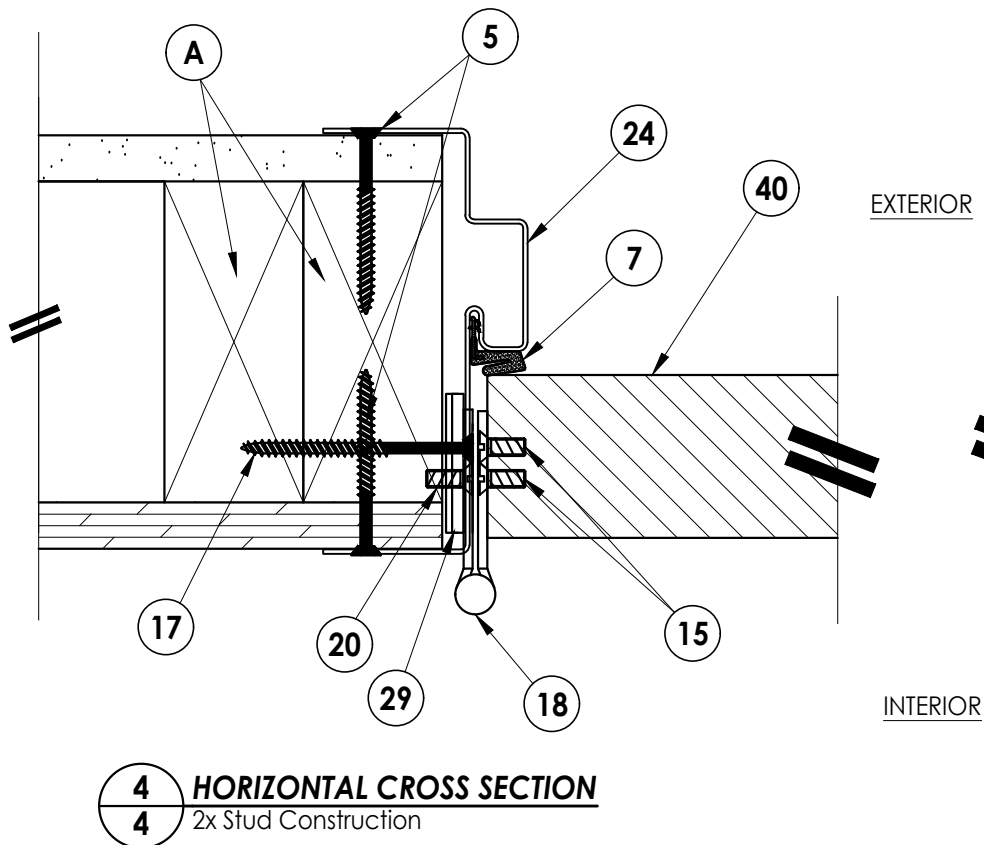
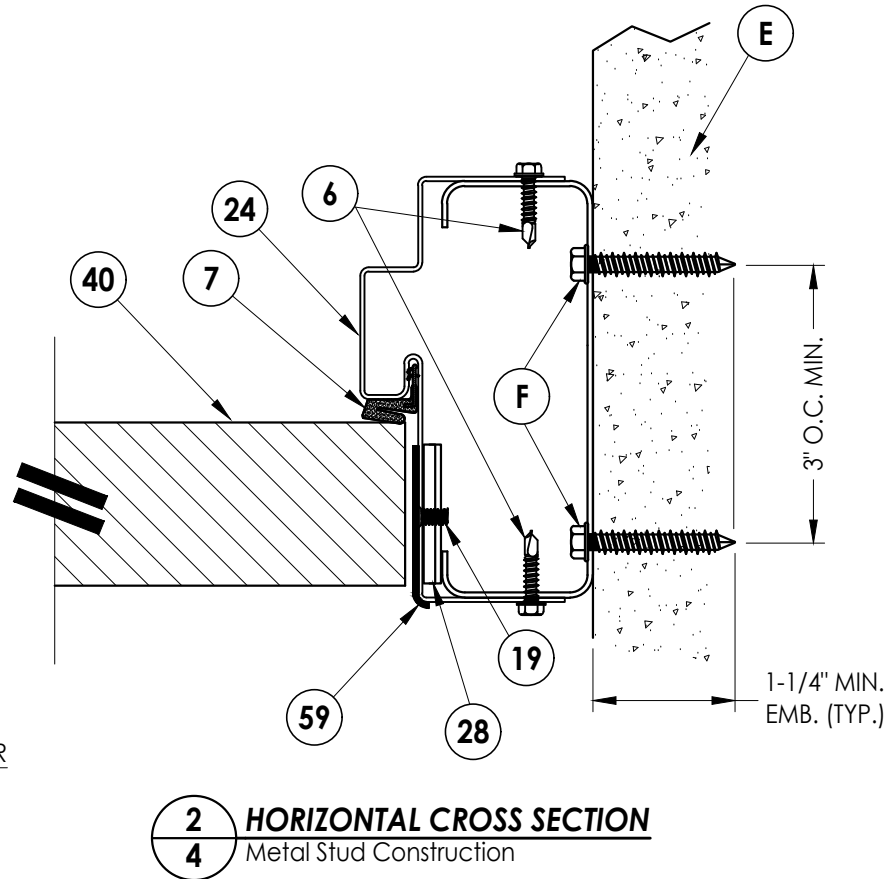
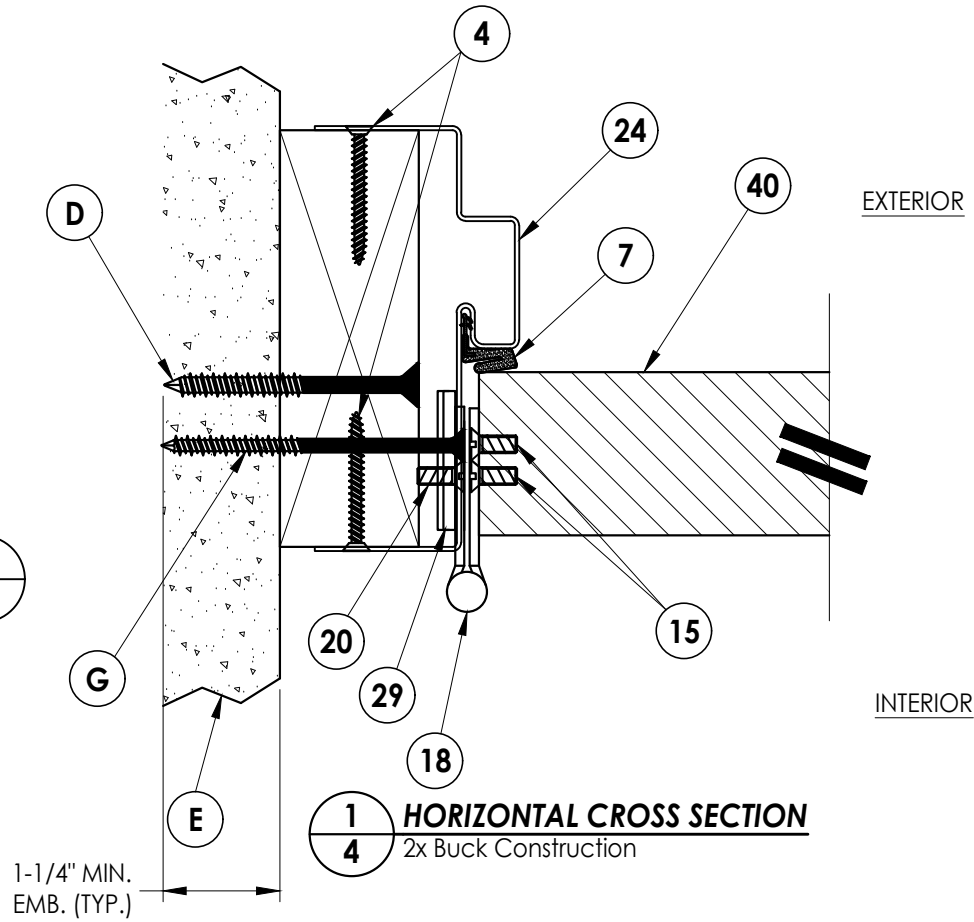
CORNER DETAIL  
IDP ENTRY-FIT™ FIXED  
STEEL DOOR FRAME (F-SERIES)

|                         |  |                                 |  |                                                                                                                                                                                                                |  |
|-------------------------|--|---------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| DATE: 4/11/11           |  | PRODUCT: TAYLOR<br>STEEL DOOR   |  | <div>Documents Prepared By:<br/>Lyndon F. Schmidt<br/>P.E. No. 43409</div> <div>RW BUILDING CONSULTANTS, INC.<br/>P.O. Box 230, Valrico, FL 33595<br/>Phone No.: 813.659.9197<br/>FBPE Registry No. 9813</div> |  |
| SCALE: N.T.S.           |  | PART OR ASSEMBLY: CORNER DETAIL |  |                                                                                                                                                                                                                |  |
| DWG. BY: JK             |  |                                 |  |                                                                                                                                                                                                                |  |
| CHK. BY: LFS            |  |                                 |  |                                                                                                                                                                                                                |  |
| DRAWING NO.: FL-14513.2 |  |                                 |  |                                                                                                                                                                                                                |  |
| SHEET 3 OF 7            |  |                                 |  |                                                                                                                                                                                                                |  |
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| HARDWARE CHART |           |                        |
|----------------|-----------|------------------------|
| MANUFACTURER   | MODEL     |                        |
| KWIKSET        | LOCK:     | SIGNATURE SERIES       |
|                | DEADBOLT: | SIGNATURE SERIES (980) |
| SCHLAGE        | LEVER:    | "F" SERIES             |
|                | DEADBOLT: | B300                   |



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

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

PRODUCT: TAYLOR STEEL DOOR

PART OR ASSEMBLY:

HORIZONTAL CROSS SECTION

| NO. | DATE     | REVISIONS                |     |     |     |
|-----|----------|--------------------------|-----|-----|-----|
|     |          | DATE                     | BY  | CHK | APP |
| 7   | 12/15/25 | ADD DOOR PANEL OPTIONS   | LFS |     |     |
| 6   | 7/06/23  | UPDATE TO 8TH ED. (2023) | FBC | LFS |     |
| 5   | 7/20/20  | UPDATE TO 7TH ED. (2020) | FBC | LFS |     |
| 4   | 7/20/17  | UPDATE TO 6TH ED. (2017) | FBC | JK  |     |

DATE: 4/11/11

SCALE: N.T.S.

DWG. BY: JK

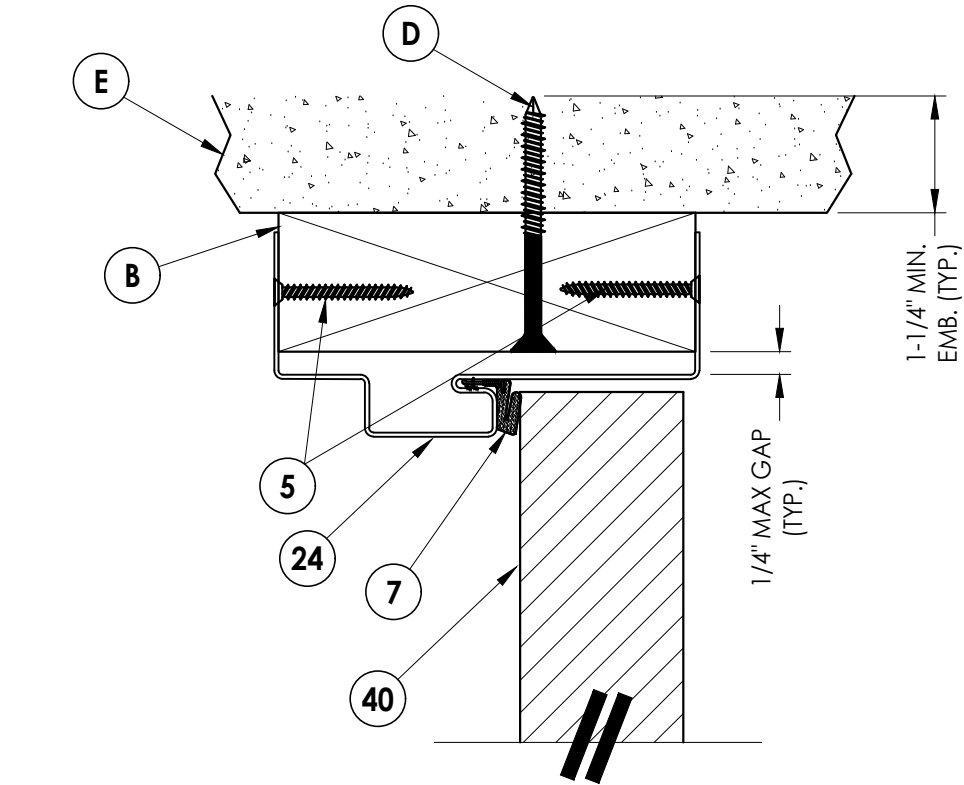
CHK. BY: LFS

DRAWING NO.:

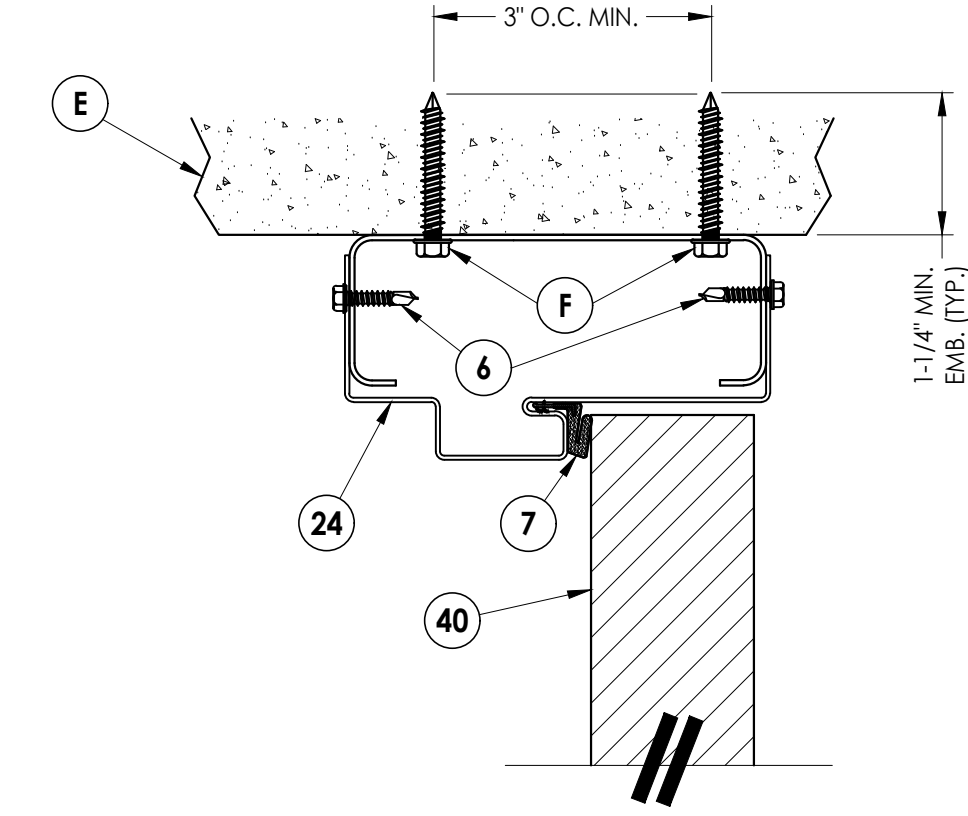
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SHEET 4 OF 7

Z:\2023 FBC Drawings\Taylor Entrance Systems\FL-14513 R5\FL-14513.1-2.dwg



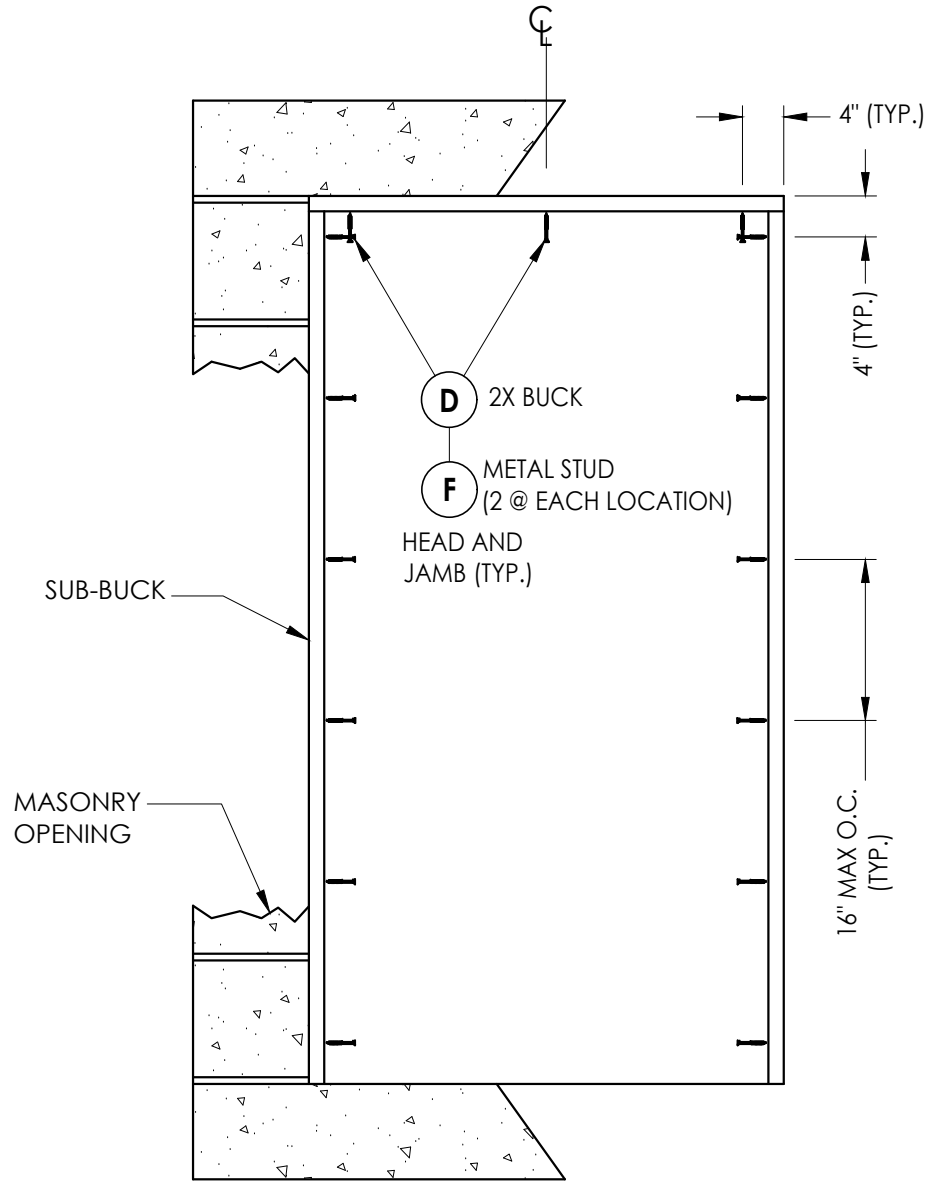
1 VERTICAL CROSS SECTION  
5 Outswing



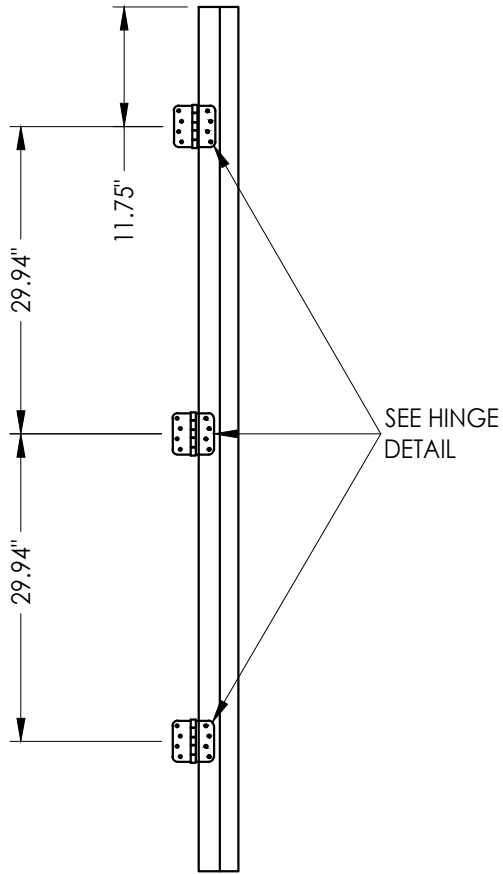
2 VERTICAL CROSS SECTION  
5 Inswing

|                   |  |                        |  |                                                                                                                         |  |
|-------------------|--|------------------------|--|-------------------------------------------------------------------------------------------------------------------------|--|
| PRODUCT:          |  | TAYLOR<br>STEEL DOOR   |  | Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409                                                           |  |
| PART OR ASSEMBLY: |  | VERTICAL CROSS SECTION |  | R.W. BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Vairico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |  |
| REVISIONS         |  | NO.                    |  | DATE                                                                                                                    |  |
| 7                 |  | 12/15/25               |  | ADD DOOR PANEL OPTIONS                                                                                                  |  |
| 6                 |  | 7/06/23                |  | UPDATE TO 8TH ED. (2023)                                                                                                |  |
| 5                 |  | 7/20/20                |  | UPDATE TO 7TH ED. (2020)                                                                                                |  |
| 4                 |  | 7/20/17                |  | UPDATE TO 6TH ED. (2017)                                                                                                |  |
| 3                 |  | 7/20/17                |  | UPDATE TO 6TH ED. (2017)                                                                                                |  |
| 2                 |  | 7/20/17                |  | UPDATE TO 6TH ED. (2017)                                                                                                |  |
| 1                 |  | 7/20/17                |  | UPDATE TO 6TH ED. (2017)                                                                                                |  |
| DATE:             |  | 4/11/11                |  | DATE:                                                                                                                   |  |
| SCALE:            |  | N.T.S.                 |  | SCALE:                                                                                                                  |  |
| DWG. BY:          |  | JK                     |  | DWG. BY:                                                                                                                |  |
| CHK. BY:          |  | LFS                    |  | CHK. BY:                                                                                                                |  |
| DRAWING NO.:      |  | FL-14513.2             |  | DRAWING NO.:                                                                                                            |  |
| SHEET             |  | 5                      |  | OF                                                                                                                      |  |
| 7                 |  | 7                      |  | 7                                                                                                                       |  |

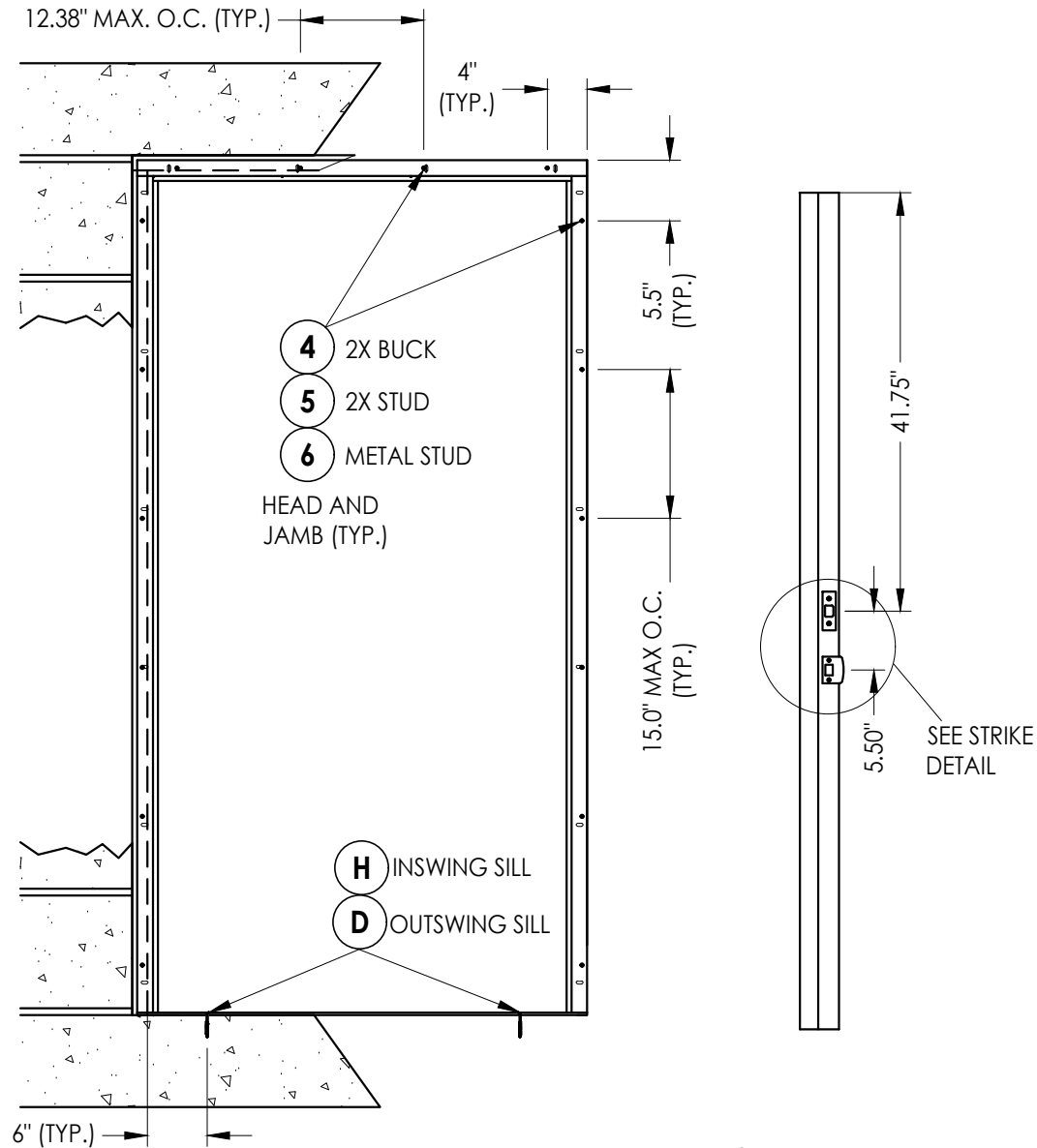
Z:\2023 FBC Drawings\Taylor Entrance Systems\FL-14513 R5\FL-14513.1-2.dwg



**BUCK ANCHORING**  
Taylor Door

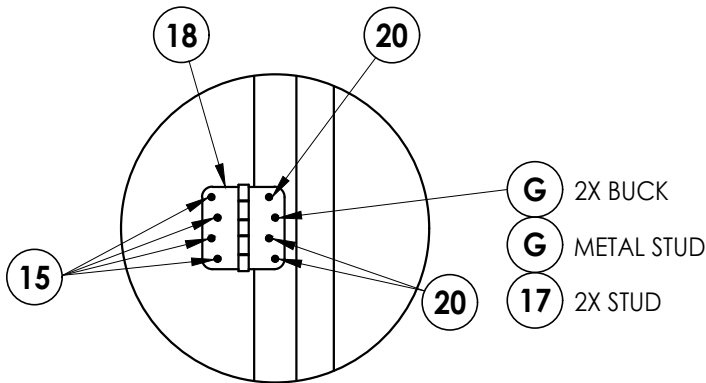


**HINGE JAMB**

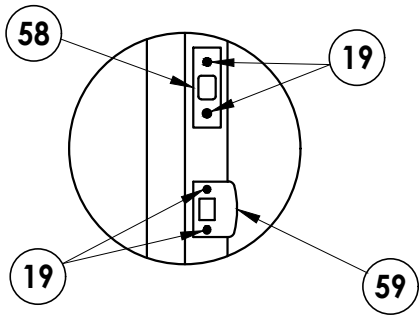


**FRAME ANCHORING**  
Taylor Door

**STRIKE JAMB**



**HINGE DETAIL**



**STRIKE PLATE 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"                                |
| 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.

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

PRODUCT:  
TAYLOR  
STEEL DOOR

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

PART OR ASSEMBLY:  
BUCK AND FRAME ANCHORING

| NO. | DATE    | BY                       | REVISIONS |
|-----|---------|--------------------------|-----------|
| 6   | 7/06/23 | UPDATE TO 8TH ED. (2023) | LFS       |
| 5   | 7/20/20 | UPDATE TO 7TH ED. (2020) | LFS       |
| 4   | 7/20/17 | UPDATE TO 6TH ED. (2017) | JK        |

DATE: 4/11/11

SCALE: N.T.S.

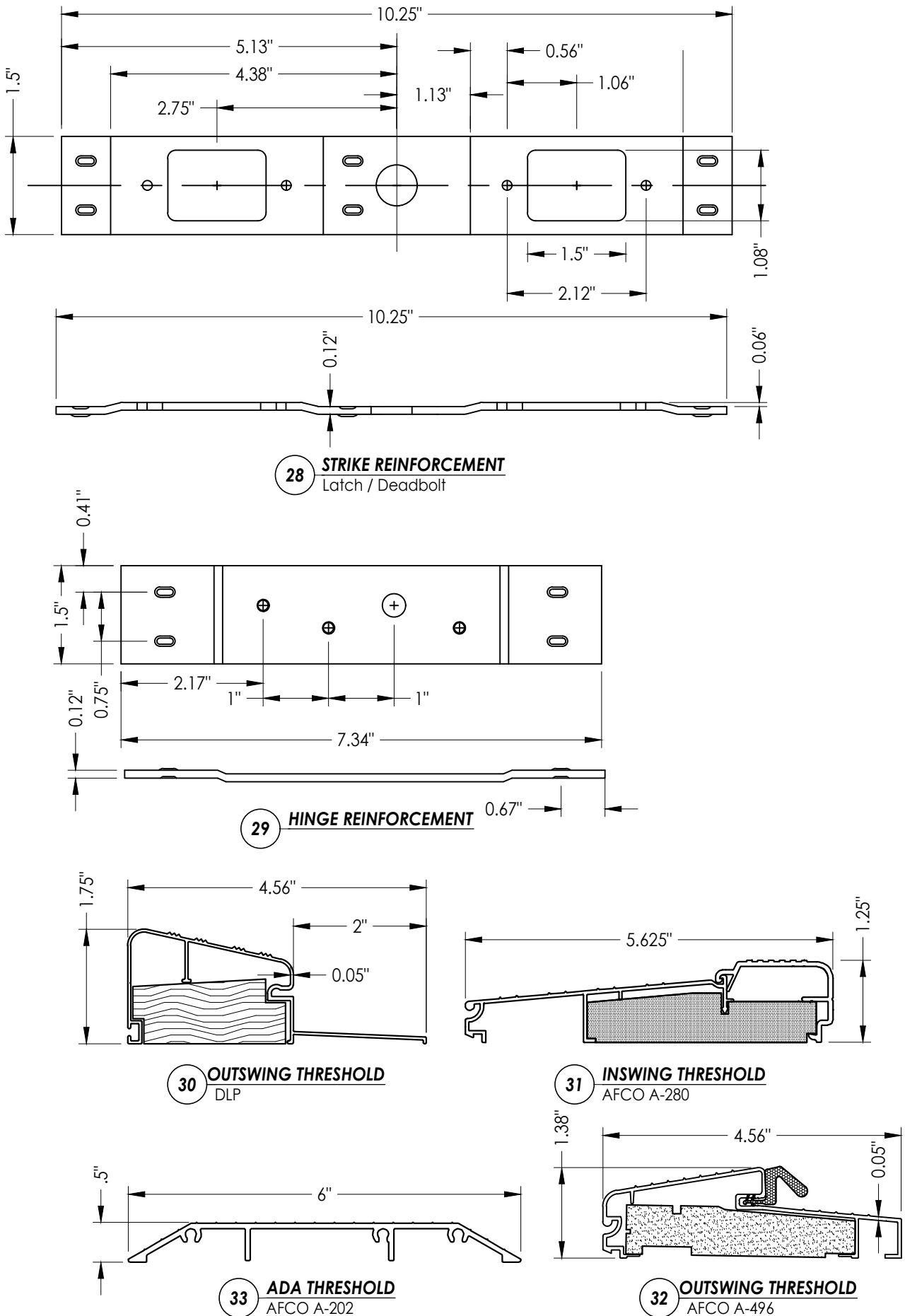
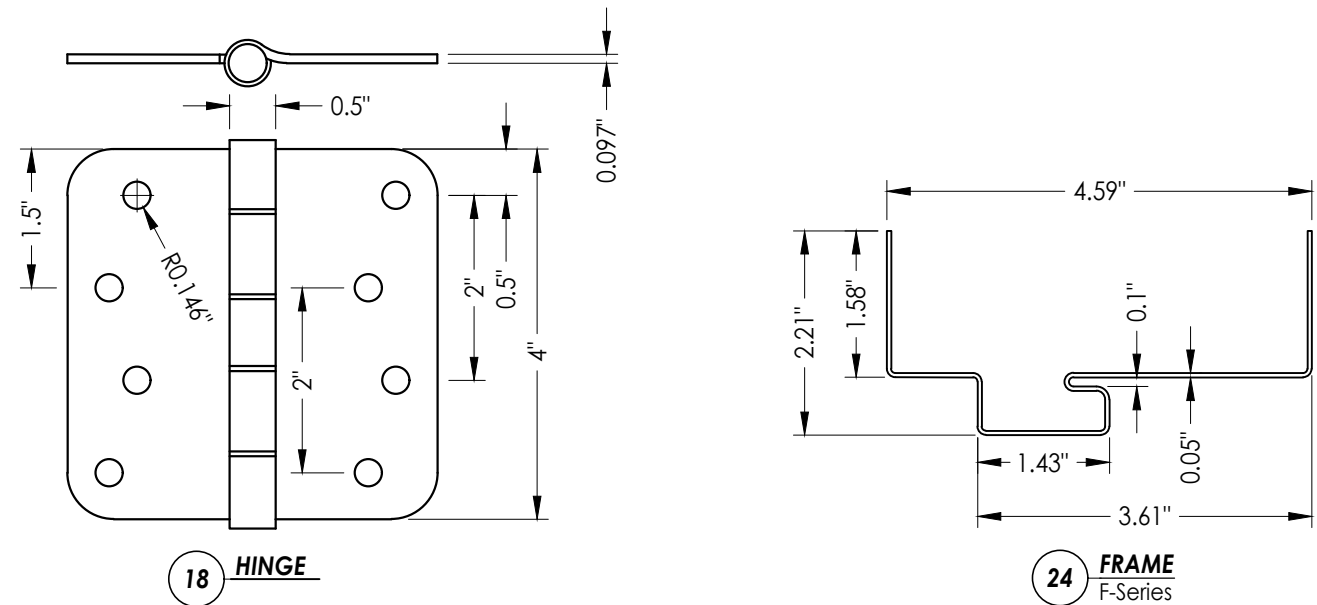
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-14513.2

SHEET 6 OF 7

| BILL OF MATERIALS |                                                                                                |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL  |
| A                 | 2X STUD FRAMING (G>= 0.55)                                                                     | WOOD      |
| B                 | 2X BUCK (G >= 0.55)                                                                            | WOOD      |
| C                 | METAL STUD (SSMA STUD 550S162-54, Fy = 33 ksi, Fu = 45 ksi)                                    | STEEL     |
| D                 | 1/4" X 2-3/4" ELCO 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                 | 3/16" X 1-3/4" HWH ITW CONCRETE SCREW                                                          | STEEL     |
| G                 | 3/16" X 3-1/4" ITW PFH CONCRETE SCREW                                                          | STEEL     |
| H                 | 1/4" X 2-1/4" ELCO OR ITW PFH CONCRETE SCREW                                                   |           |
| 4                 | #10 X 1-1/2" PFH SM SCREW (1.35" MIN. EMBEDMENT)                                               | STEEL     |
| 5                 | #10 X 2" PFH SMS (1.35" MIN. EMBEDMENT)                                                        | STEEL     |
| 6                 | #10 X 3/4" HWH SELF-DRILLING TEK SCREW                                                         | STEEL     |
| 7                 | COMPRESSION WEATHERSTRIPPING QLON QDS 650 BY SCHLEGEL                                          | -         |
| 15                | 10-24 X 5/8" PFH MS                                                                            | STEEL     |
| 17                | #10 X 2-1/2" PFH WS                                                                            | STEEL     |
| 18                | 4.0" X 4.0" HINGE                                                                              | STEEL     |
| 19                | 8-32 X 3/8" PFH MS                                                                             | STEEL     |
| 20                | 10-24 X 1/2" PFH MS                                                                            | STEEL     |
| 24                | IDP (F-SERIES) FIXED FRAME (18 GA. - A60 GALVANNEALED STEEL)                                   | STEEL     |
| 28                | HINGE LATCH AND DEADBOLT REINFORCEMENT                                                         | STEEL     |
| 29                | HINGE REINFORCEMENT                                                                            | STEEL     |
| 30                | OUTSWING THRESHOLD                                                                             | ALUM/WOOD |
| 31                | INSWING THRESHOLD                                                                              | ALUM/COMP |
| 32                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 33                | ADA THRESHOLD                                                                                  | ALUM      |
| 40                | TAYLOR STEEL DOOR - SEE DOOR PANEL DETAILS                                                     | -         |
| 58                | STRIKE PLATE - DEADBOLT                                                                        | STEEL     |
| 59                | " T " STRIKE PLATE - LATCH                                                                     | STEEL     |



|                          |  |                      |          |                                     |     |     |  |  |  |  |  |
|--------------------------|--|----------------------|----------|-------------------------------------|-----|-----|--|--|--|--|--|
| <b>PRODUCT:</b>          |  | TAYLOR<br>STEEL DOOR |          | BILL OF MATERIALS<br>AND COMPONENTS |     |     |  |  |  |  |  |
| <b>PART OR ASSEMBLY:</b> |  |                      |          |                                     |     |     |  |  |  |  |  |
|                          |  | 7                    | 12/15/25 | ADD DOOR PANEL OPTIONS              | LFS |     |  |  |  |  |  |
|                          |  | 6                    | 7/06/23  | UPDATE TO 8TH ED. (2023)            | FBC | LFS |  |  |  |  |  |
|                          |  | 5                    | 7/20/20  | UPDATE TO 7TH ED. (2020)            | FBC | LFS |  |  |  |  |  |
|                          |  | 4                    | 7/20/17  | UPDATE TO 6TH ED. (2017)            | FBC | JK  |  |  |  |  |  |
|                          |  | NO.                  | DATE     |                                     |     | BY  |  |  |  |  |  |
|                          |  |                      |          | REVISIONS                           |     |     |  |  |  |  |  |
| DATE:                    |  | 4/11/11              |          |                                     |     |     |  |  |  |  |  |
| SCALE:                   |  | N.T.S.               |          |                                     |     |     |  |  |  |  |  |
| DWG. BY:                 |  | JK                   |          |                                     |     |     |  |  |  |  |  |
| CHK. BY:                 |  | LFS                  |          |                                     |     |     |  |  |  |  |  |
| DRAWING NO.:             |  | FL-14513.2           |          |                                     |     |     |  |  |  |  |  |
| SHEET                    |  | 7                    |          | OF                                  |     | 7   |  |  |  |  |  |