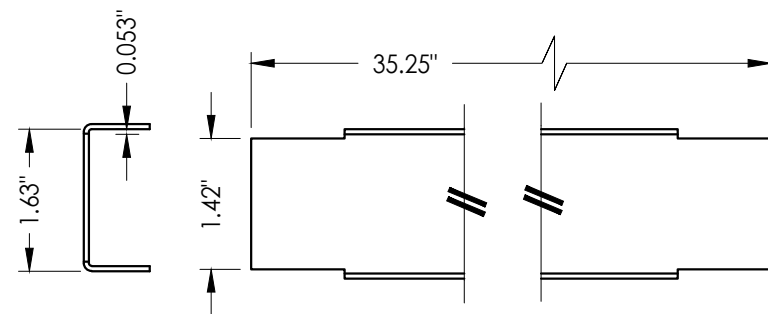
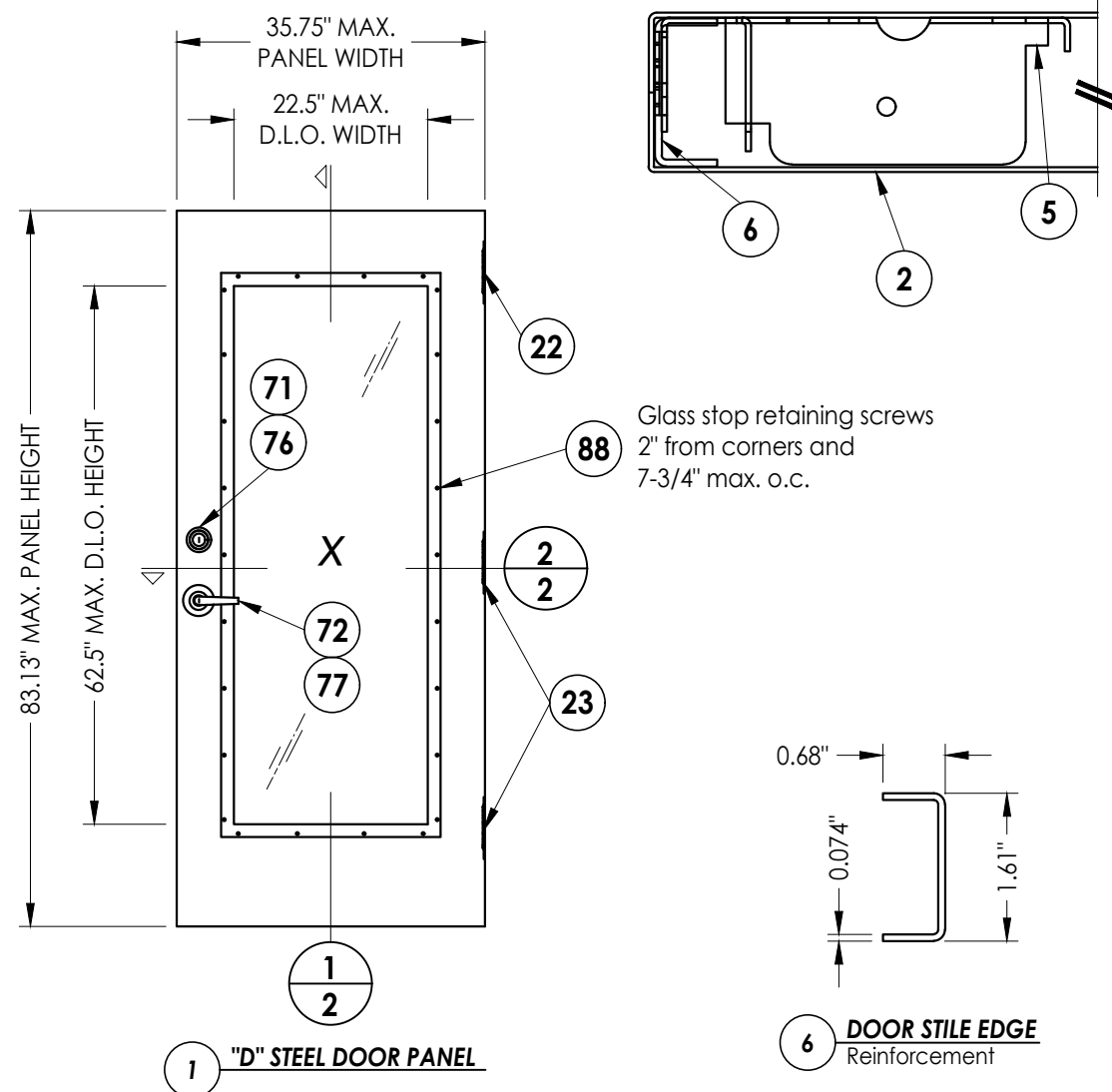
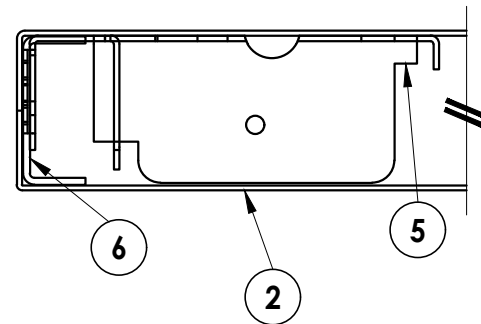


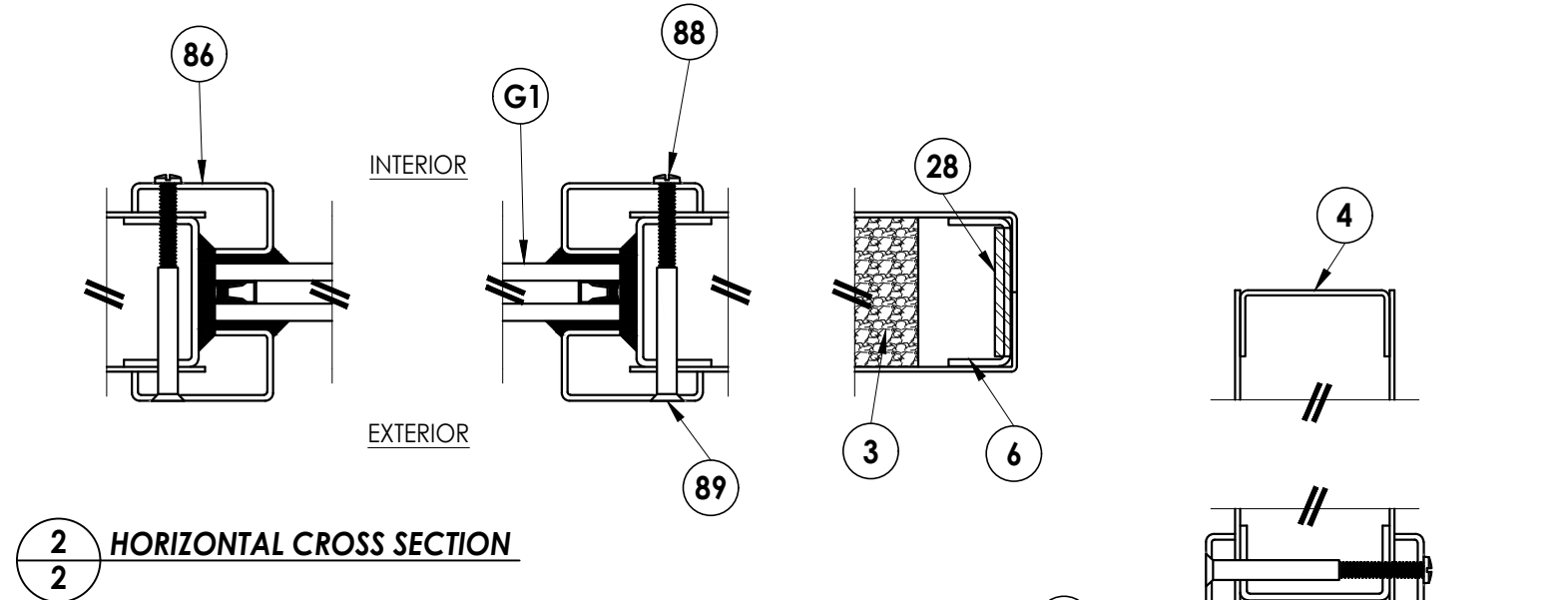




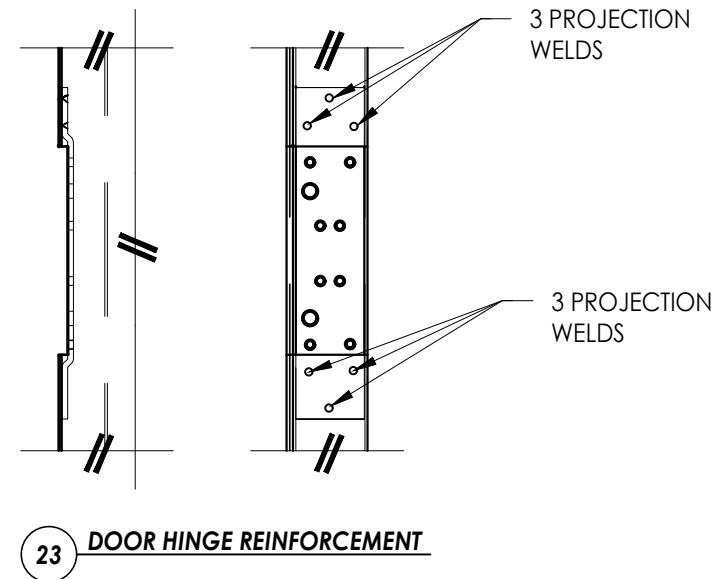
#### 4 DOOR TOP & BOTTOM CLOSER



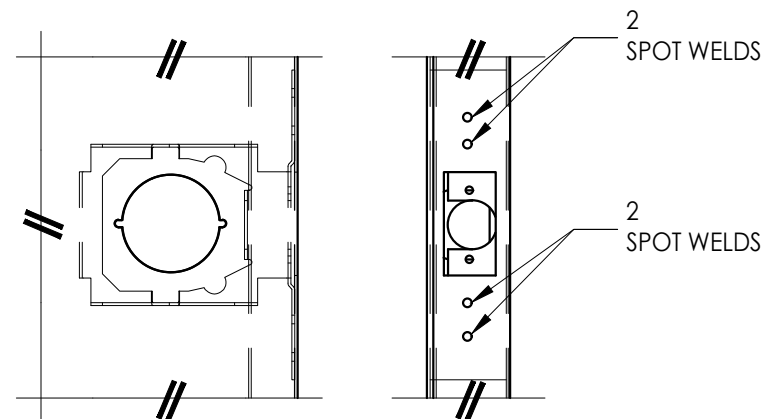
## 6 DOOR STILE EDGE Reinforcement



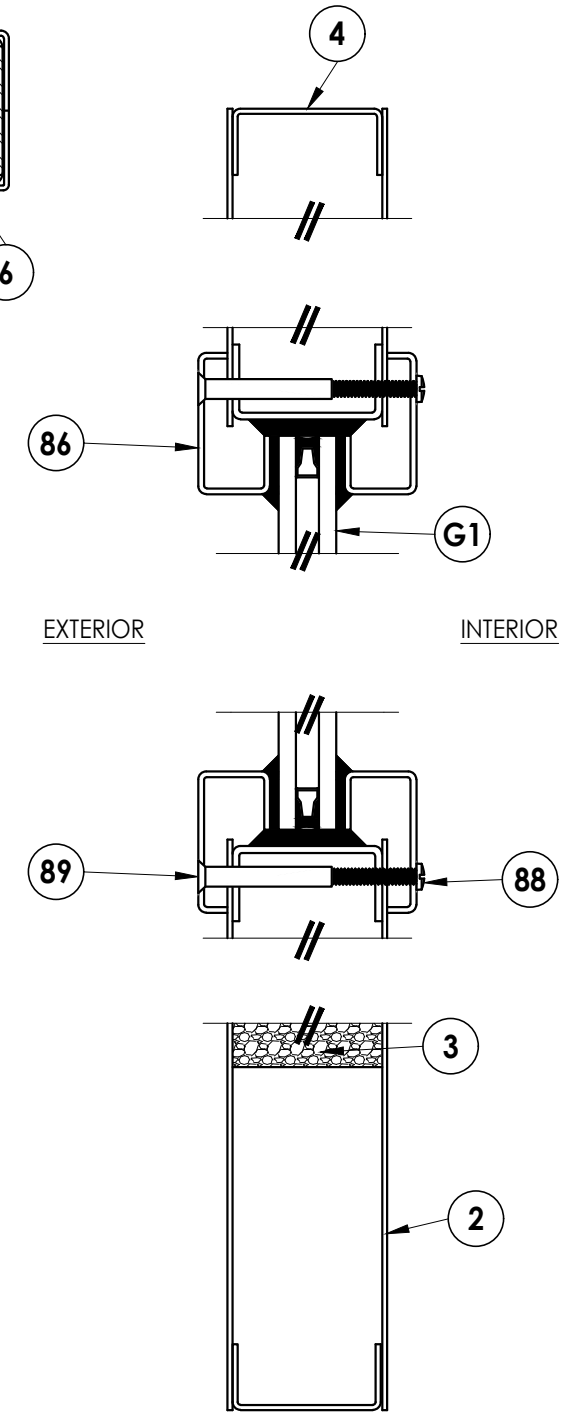
### HORIZONTAL CROSS SECTION



### DOOR HINGE REINFORCEMENT



## 5 LOCK BOX REINFORCEMENT



## 1 VERTICAL CROSS SECTION

[illegible]

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: *RW*

DRAWING NO.:

FL-41788.1

SHEET 2 OF 7

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

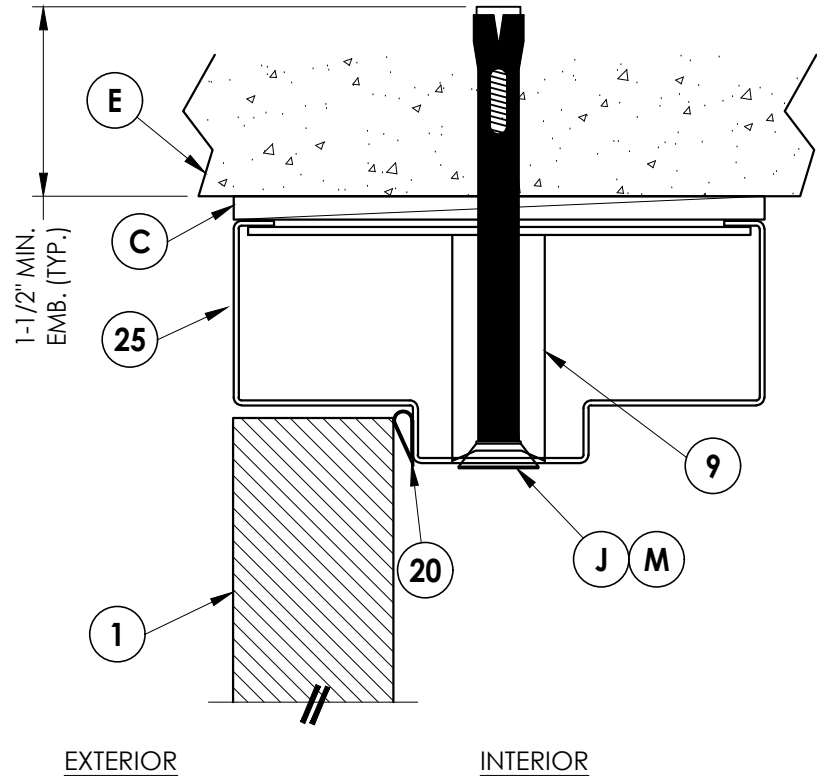
PRODUCT: PREMIER PRODUCTS, INC.  
"D" STEEL DOOR

**DOOR ASSEMBLY:**  
**DOOR PANEL DETAILS**

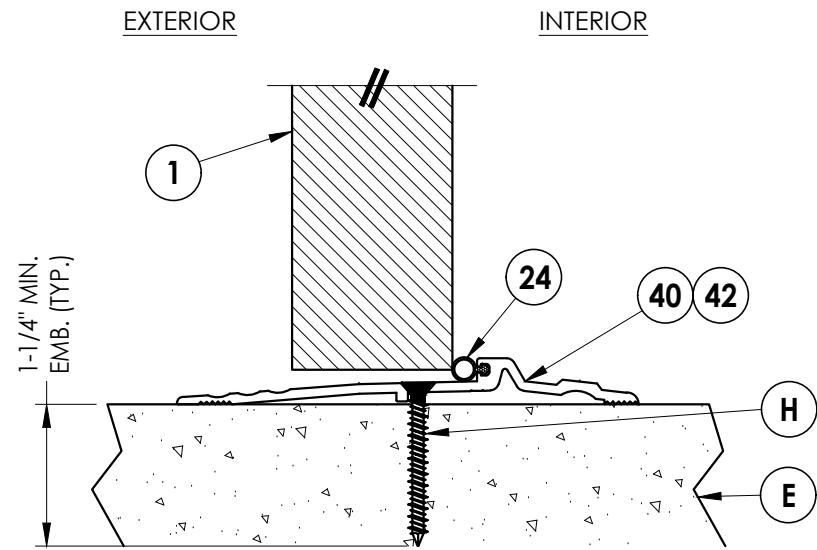
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|-----------|---------|--------------------------|-----|-----|
| 1         | 8/21/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |
| NO.       | DATE    |                          |     | BY  |
| DEVISIONS |         |                          |     |     |

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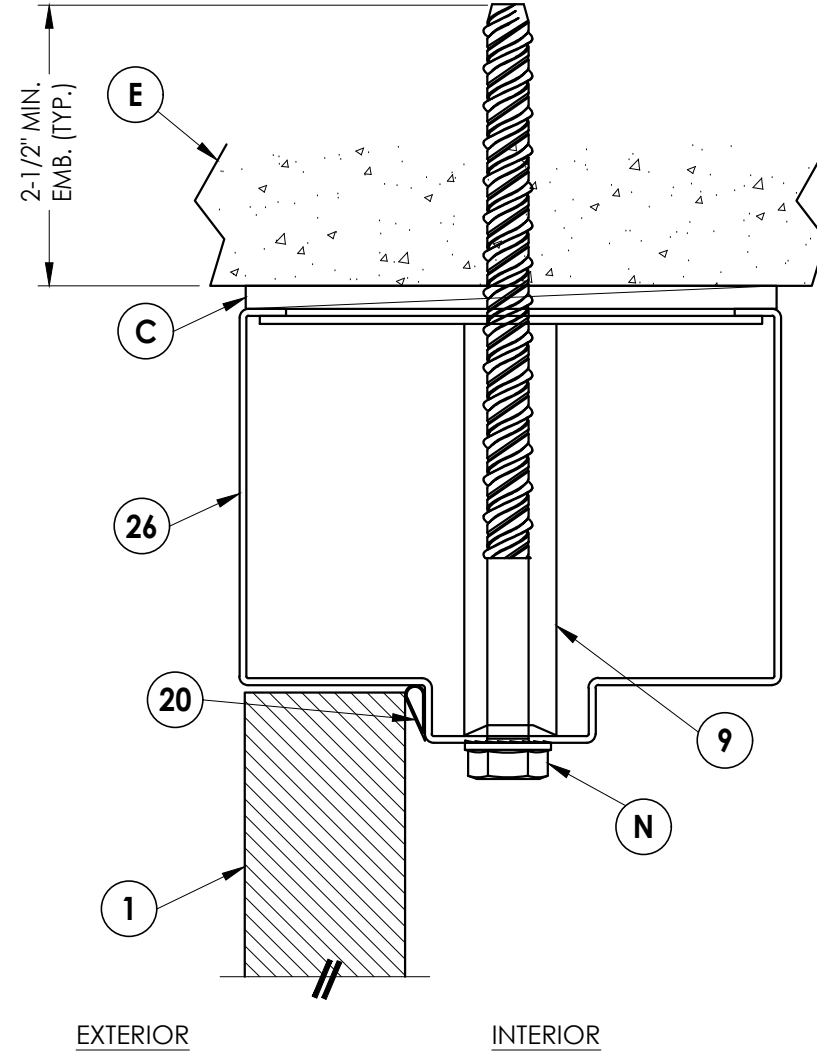




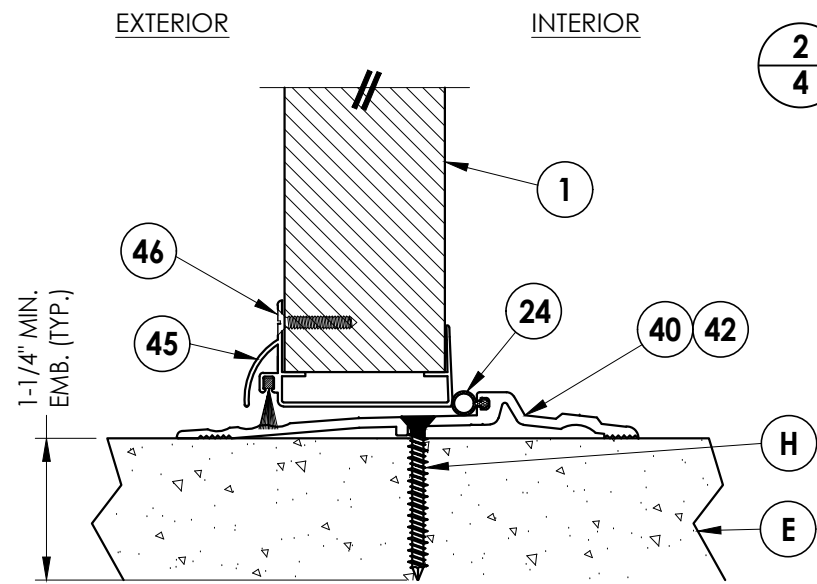
**1**  
**4** **VERTICAL CROSS SECTION**



**3 VERTICAL CROSS SECTION**



**2 VERTICAL CROSS SECTION**  
**4**



**4** **VERTICAL CROSS SECTION**

[illegible]

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P.E. No. 43409

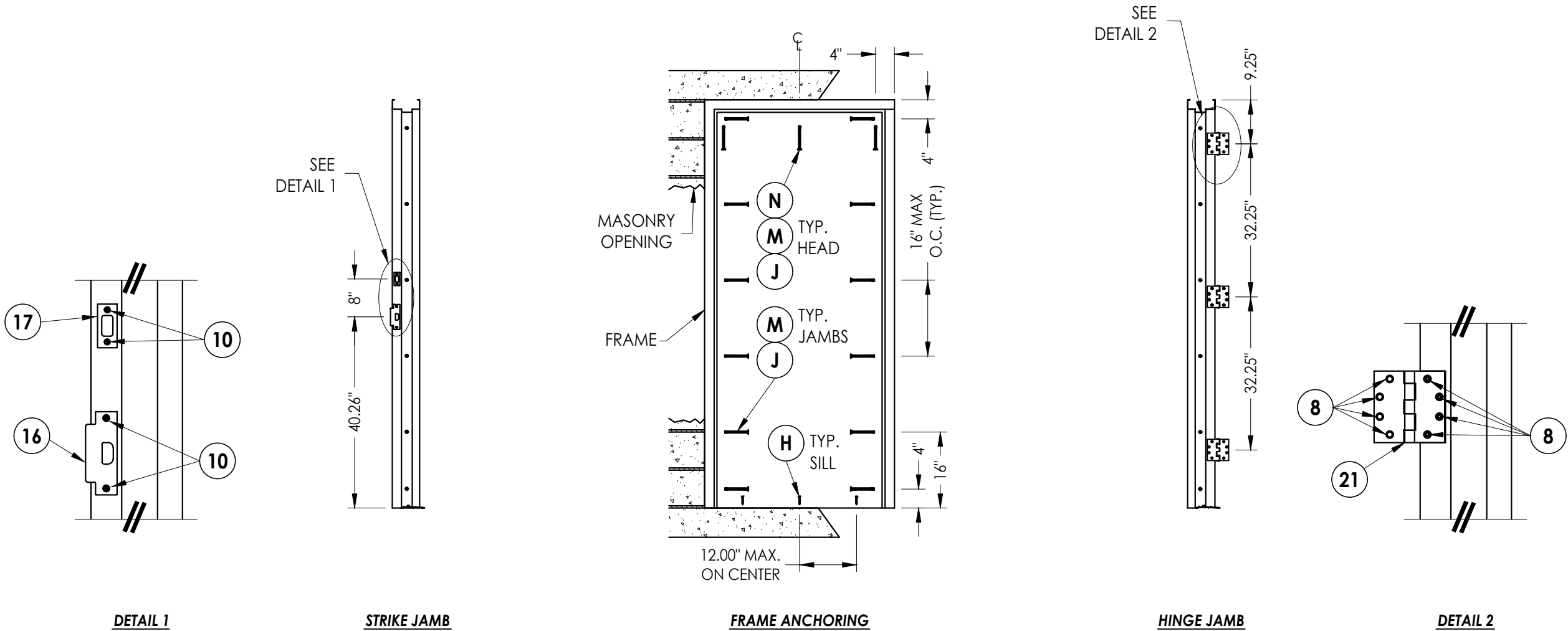
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P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: PREMIER PRODUCTS, INC.  
"D" STEEL DOOR

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

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ANCHOR NOTES:

1. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements.
2. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
3. Concrete Anchor Table:

| ANCHOR TYPE            | ANCHOR SIZE | MINIMUM EMBEDMENT | MINIMUM CLEARANCE TO MASONRY EDGE | MINIMUM CLEARANCE TO ADJACENT ANCHOR |
|------------------------|-------------|-------------------|-----------------------------------|--------------------------------------|
| ITW TAPCON®            | 1/4"        | 1-1/4"            | 2-1/2"                            | 4"                                   |
| DYNABOLT SLEEVE ANCHOR | 3/8"        | 1-1/2"            | 2-1/4"                            | 4-1/2"                               |
| POWERS TAPPER          | 3/8"        | 1-1/2"            | 4"                                | 3-3/4"                               |
| SCREW-BOLT+™           | 1/2"        | 2-1/2"            | 6"                                | 6"                                   |

Documents Prepared By:  
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P.E. No. 43409

PREMIER PRODUCTS, INC.  
"D" STEEL DOOR

PART OR ASSEMBLY:  
ANCHORING DETAILS

REVISIONS

| NO. | DATE    | DESCRIPTION                  | BY  |
|-----|---------|------------------------------|-----|
| 1   | 8/21/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

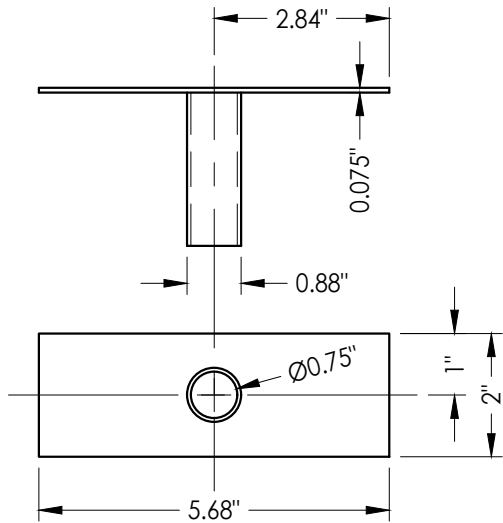
DRAWING NO.: FL-41788.1

SHEET 5 OF 7

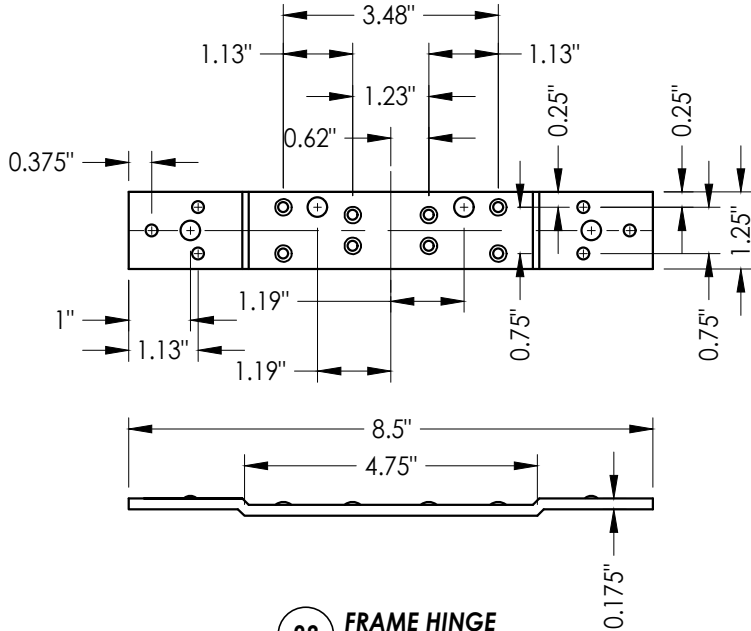
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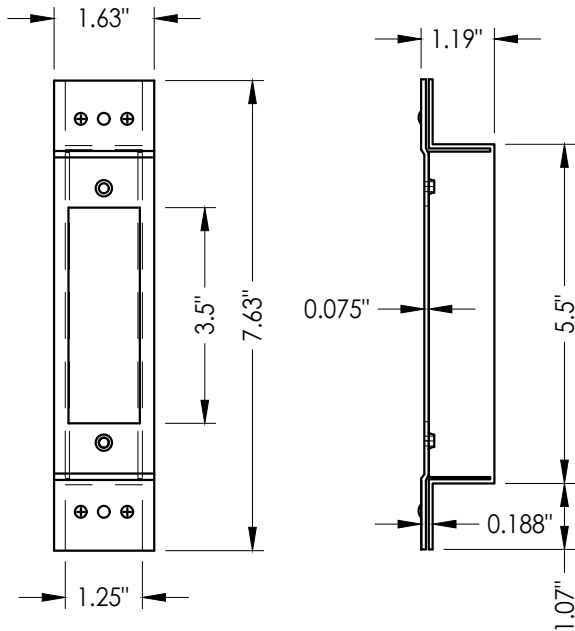
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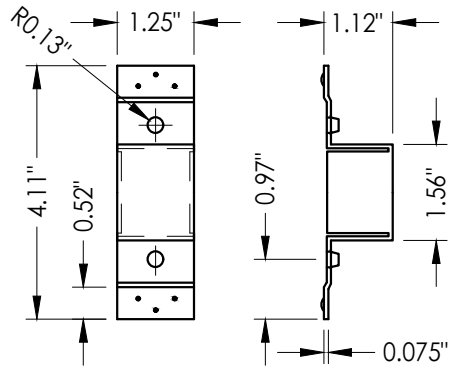
9 TUBE ANCHOR



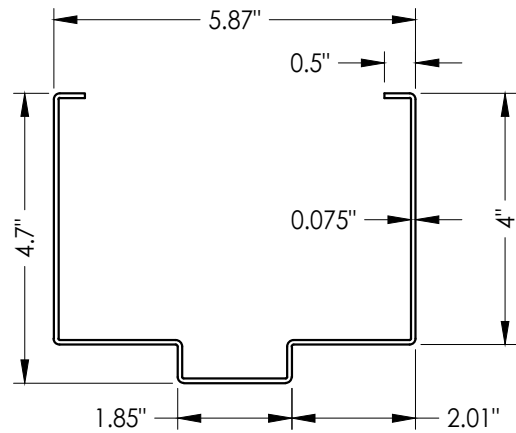
28 FRAME HINGE  
Reinforcement



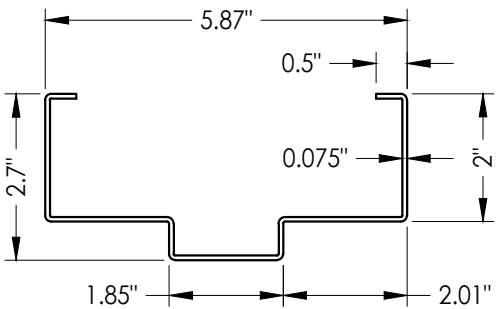
27 LATCH STRIKE REINFORCEMENT



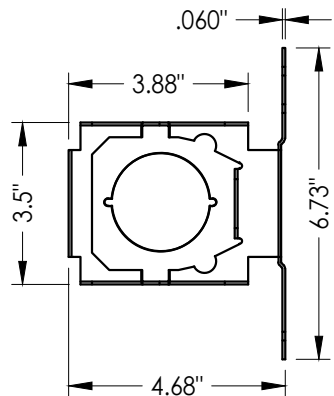
19 DEADBOLT STRIKE REINFORCEMENT



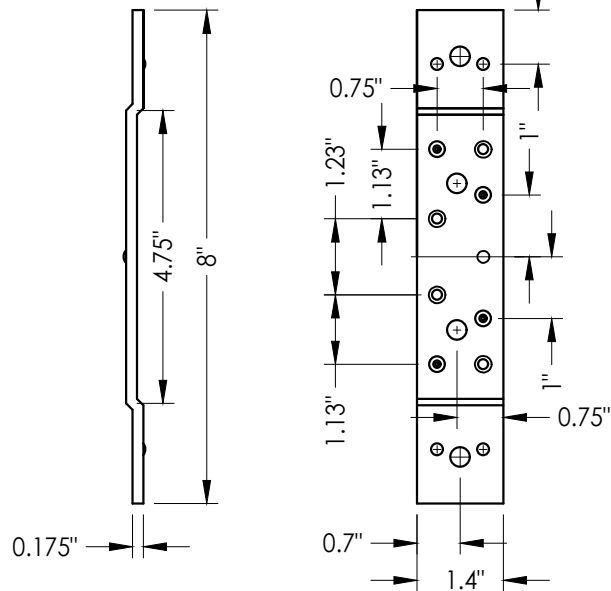
26 FRAME



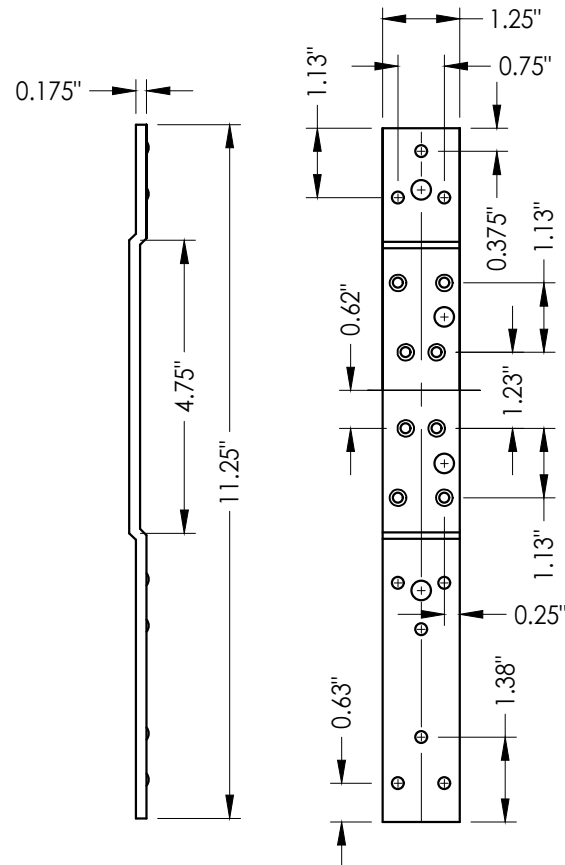
25 HOLLOW METAL FRAME



5 LOCK BOX REINFORCEMENT



23 STANDARD (SHORT) DOOR HINGE  
Reinforcement middle and bottom hinge



22 STANDARD (LONG) DOOR HINGE  
Reinforcement top hinge

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P.O. Box 230, Valrico, FL 33595  
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PRODUCT:  
PREMIER PRODUCTS, INC.  
"D" STEEL DOOR

PART OR ASSEMBLY:  
COMPONENTS

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 1   | 8/21/23 | UPDATE TO 8TH ED. (2023) FBC |
|     |         | LFS                          |
|     |         | BY                           |

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

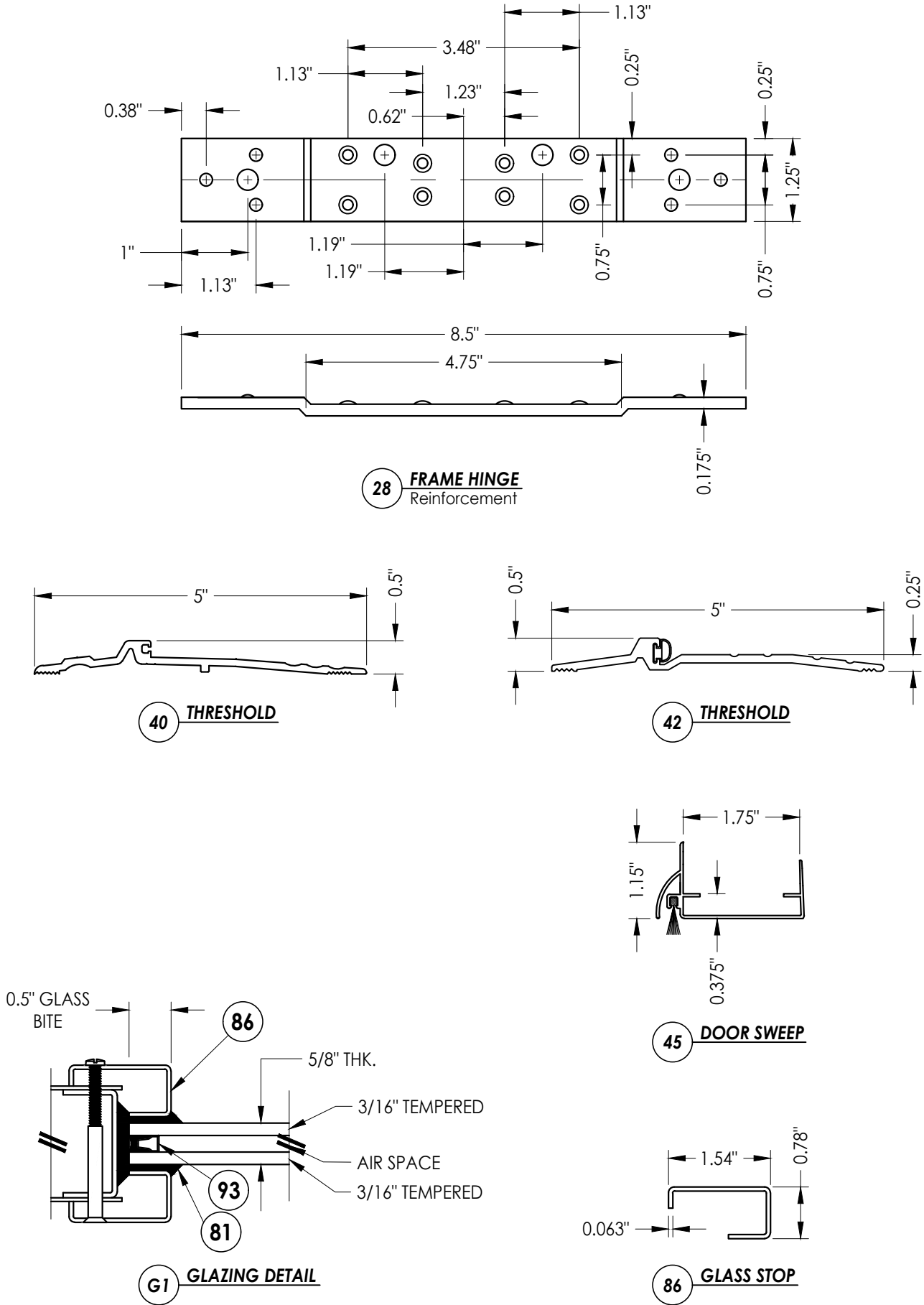
CHK. BY: RW

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SHEET 6 OF 7

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| BILL OF MATERIALS |                                                                                                |             |
|-------------------|------------------------------------------------------------------------------------------------|-------------|
| ITEM              | DESCRIPTION                                                                                    | MATERIAL    |
| C                 | MAX. 1/4" SHIM SPACE                                                                           | -           |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE    |
| H                 | 1/4" x 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL       |
| J                 | 3/8" X 5" PFH ITW DYNABOLT SLEEVE ANCHOR                                                       | STEEL       |
| M                 | 3/8" X 5" TAPPER CONCRETE SCREW BY POWERS FASTENERS                                            | STEEL       |
| N                 | 1/2" X 8" HH SCREW-BOLT+ CONC. ANCHOR (DeWALT/POWERS)                                          | STEEL       |
| 1                 | "D" STEEL DOOR PANEL                                                                           | -           |
| 2                 | DOOR SKIN - 16GA (0.060" THK. STEEL, Fy = 40,317 PSI MIN.)                                     | STEEL       |
| 3                 | FOAM 1.0 PCF MIN. DENSITY                                                                      | POLYSTYRENE |
| 4                 | DOOR TOP & BOTTOM CLOSER                                                                       | STEEL       |
| 5                 | LOCK BOX REINFORCEMENT                                                                         | STEEL       |
| 6                 | DOOR STILE EDGE REINFORCEMENT (D DOOR)                                                         | STEEL       |
| 8                 | #12-24 x 1/2" SELF TAPPER                                                                      | STEEL       |
| 9                 | TUBE ANCHOR                                                                                    | STEEL       |
| 10                | #12-24 X 1" COMBINATION MACHINE / WOOD SCREW                                                   | STEEL       |
| 16                | ANSI LATCH STRIKE                                                                              | STEEL       |
| 17                | DEADBOLT STRIKE                                                                                | STEEL       |
| 19                | DEADBOLT STRIKE REINFORCEMENT                                                                  | STEEL       |
| 20                | WEATHERSTRIP                                                                                   | NEOPRENE    |
| 21                | 4-1/2" X 4-1/2" X 0.125" TEMPLATE HINGE                                                        | STEEL       |
| 22                | STANDARD (LONG) DOOR HINGE TOP HINGE REINFORCEMENT                                             | STEEL       |
| 23                | STANDARD (SHORT) DOOR HINGE MIDDLE BOTTOM REINFORCEMENT                                        | STEEL       |
| 24                | WEATHERSTRIP (THRESHOLD)                                                                       | NEOPRENE    |
| 25                | FRAME - 14GA (0.075" THK) WITH 2" HEAD                                                         | STEEL       |
| 26                | FRAME - 14GA (0.075" THK) WITH 4" HEAD                                                         | STEEL       |
| 27                | LATCH STRIKE REINFORCEMENT                                                                     | STEEL       |
| 28                | FRAME HINGE REINFORCEMENT                                                                      | STEEL       |
| 40                | THRESHOLD NATIONAL GUARD PRODUCTS, INC. #896                                                   | ALUMINUM    |
| 42                | THRESHOLD PEMKO #2005V                                                                         | ALUMINUM    |
| 45                | 95WHA DOOR SWEEP NATIONAL GUARD PRODUCTS, INC.                                                 | ALUMINUM    |
| 46                | #6 X 3/4" PHILLIPS HEAD SMS                                                                    | STEEL       |
| 71                | DESIGN HARDWARE D1-S SERIES DEADBOLT                                                           | STEEL       |
| 72                | DESIGN HARDWARE "Z" SERIES ENTRY                                                               | STEEL       |
| 76                | DESIGN HARDWARE D2-S SERIES DEADBOLT                                                           | STEEL       |
| 77                | DESIGN HARDWARE "X" SERIES ENTRY                                                               | STEEL       |
| 81                | DOW 995 STRUCTURAL SILICONE                                                                    | SILICONE    |
| 86                | LITE FRAME BY AIR LOUVERS #1500-AJ-2464                                                        | STEEL       |
| 88                | #8 X 1-1/2" PPH MS                                                                             | STEEL       |
| 89                | SCREW COVER                                                                                    | STEEL       |
| 93                | GLASS SPACER                                                                                   | ALUMINUM    |



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

PRODUCT:  
PREMIER PRODUCTS, INC.  
"D" STEEL DOOR

PART OR ASSEMBLY:  
BILL OF MATERIALS  
& COMPONENTS

| NO. | DATE    | REVISIONS                    |
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|     |         | LFS                          |
|     |         | BY                           |

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SHEET 7 OF 7