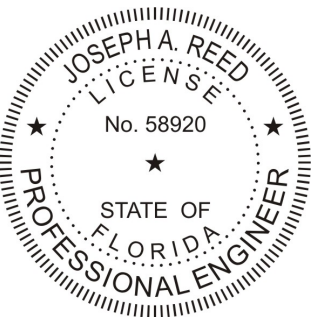
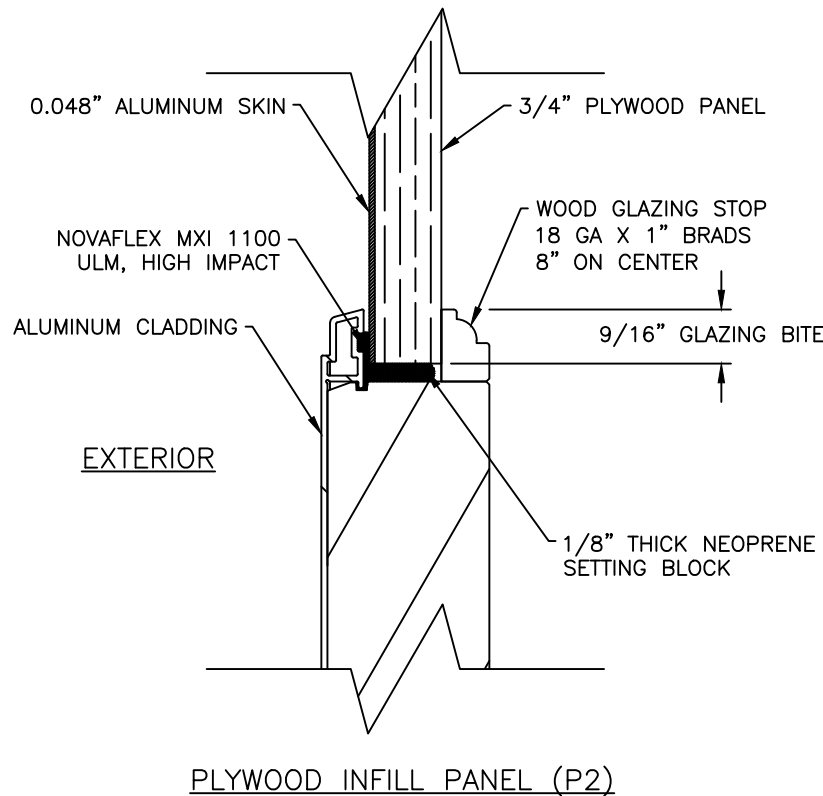
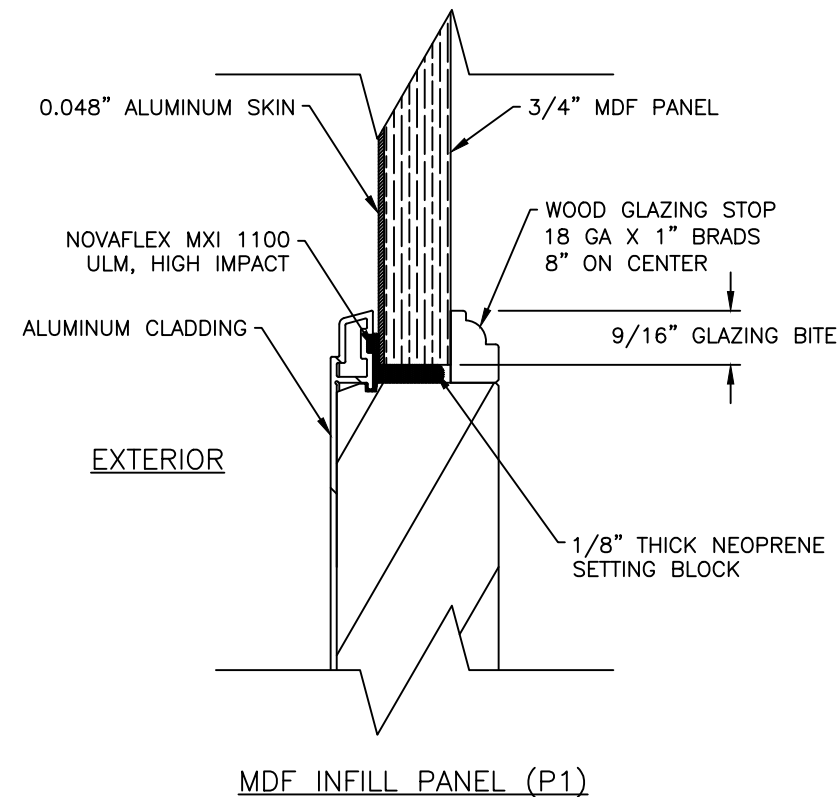
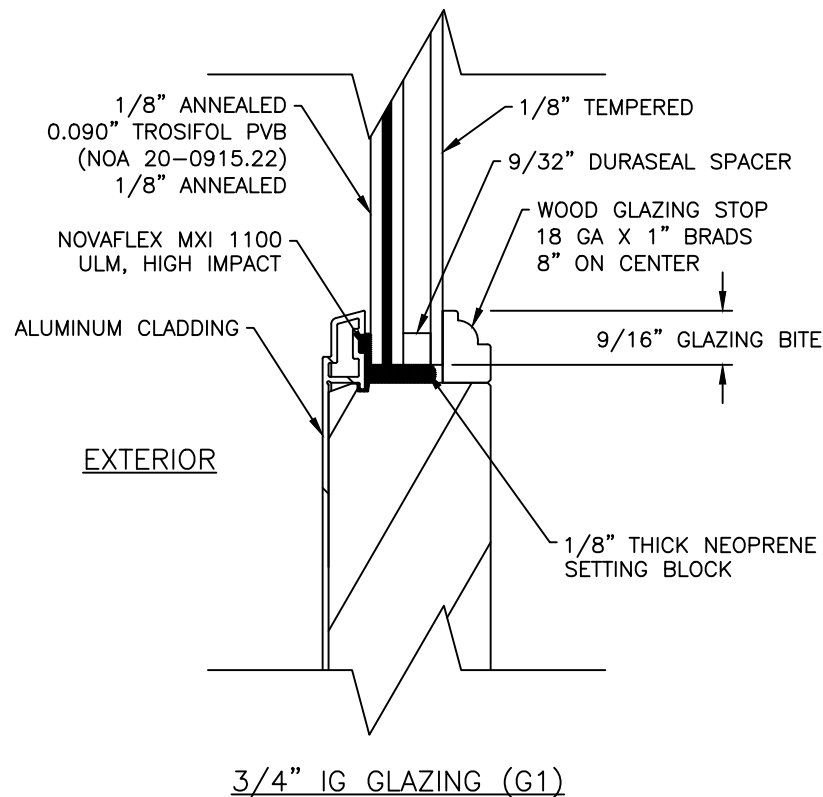


NOTES:

1. Products and installations depicted satisfy the requirements of the Florida Building Code, Building 7th Edition (2020) for design wind pressures and overall sizes noted.
2. Wood bucks, wood framing, steel stud framing, concrete and concrete masonry are by others and shall be designed by the architect or engineer of record to resist the loads imparted to them.
3. Wood buck strips and wood frames are assumed S-P-F (G=0.42) or denser. Buck width shall be greater than the frame width. Tapered or partial width buck strips are not allowed.
4. Concrete masonry installations are assumed at least ASTM C90 normal weight hollow masonry units with a 1-1/4" wall thickness or normal weight concrete with a minimum compressive strength of f'c = 3,000 psi.
5. Metal stud frames are assumed to be a minimum 18 gauge 33 KSI steel.
6. Wood screws shall be corrosion resistant and meet the requirements of ANSI/ASME B18.6.1
7. Tapcon masonry anchors shall have a minimum embedment of 1-1/2" or full penetration of concrete masonry unit shell. They shall also have a minimum of 2" edge distance. Install concrete masonry anchors per manufacturer's installation instructions.
8. TEKS screws shall be corrosion resistant and shall be ASTM A510 Grade 1018 or equivalent.
9. Maximum permitted shim thickness is 1/4". Shims shall be non-compressible and load bearing type. Every through-frame fastener shall have a shim.
10. Products are impact resistant and do not require approved protection devices if used in wind-borne debris regions.
11. Approved for use in High Velocity Hurricane Zone (HVHZ).
12. Products have not been tested for water infiltration and shall be installed in nonhabitable areas or with an overhang in accordance with FBC 1709.5.1.

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| Sheets 16-17 | Fin Installations      |
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| Sheet 22-23  | Sections               |
| Sheet 24     | BOM and Components     |



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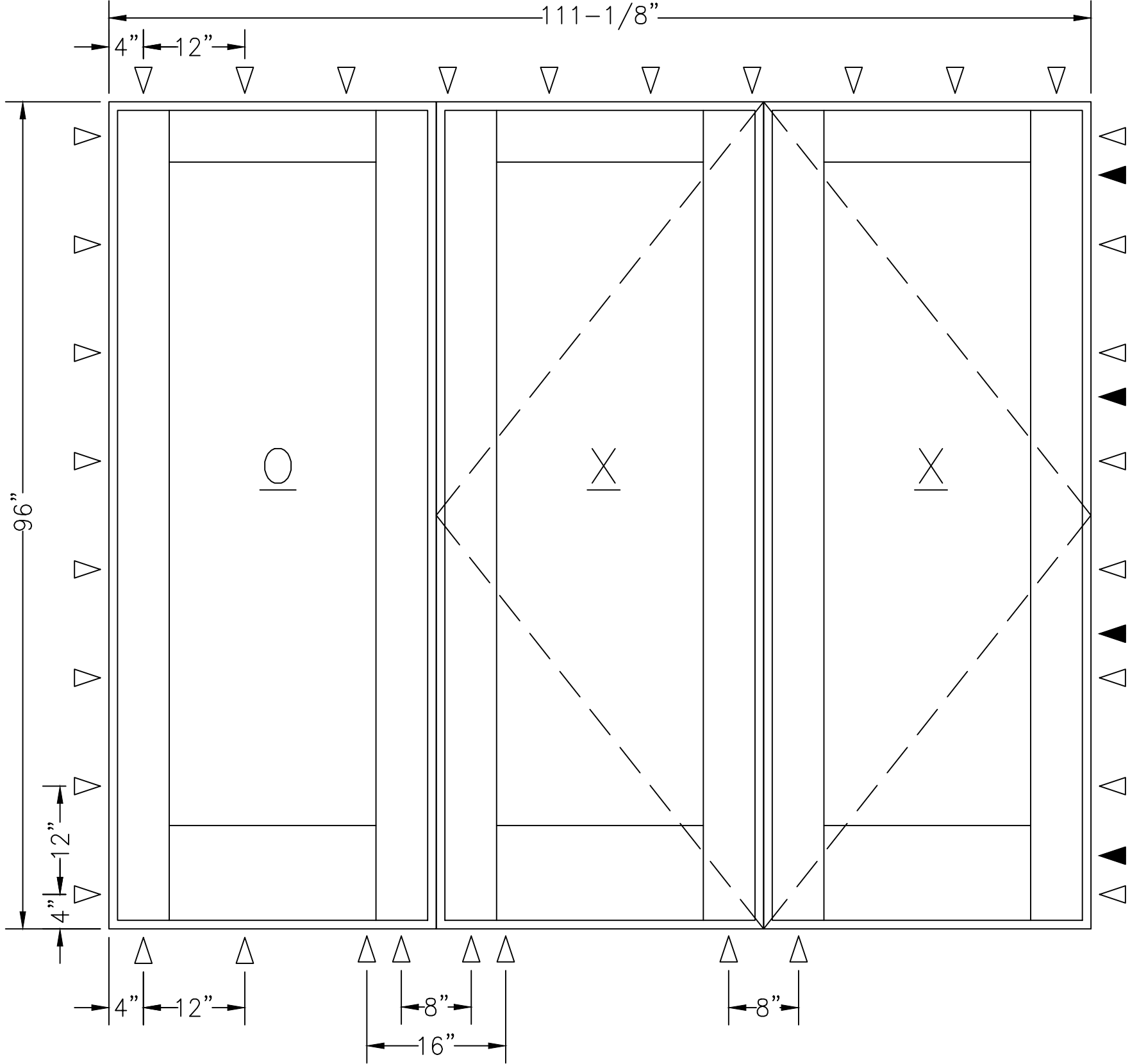
500 Series Outswing Door  
Notes / Infill Details

Frontline Building Products  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

Scale: NTS

Sheet 1 of 24



▽ THROUGH FRAME ANCHOR

▼ ANCHOR AT HINGE

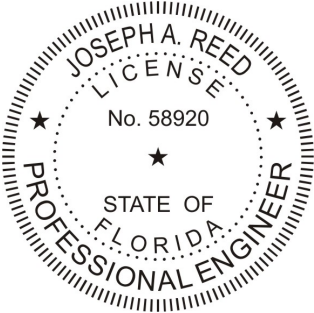
500 SERIES OUTSWING DOOR (IMPACT)

MAX PANEL SIZE: 35-7/8" X 94-1/8"

MAX DLO: 26-1/8" X 75-3/8"

| DESIGN PRESSURE RATING                                                                                                                                     | IMPACT RATING |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| +/- 55 PSF                                                                                                                                                 | LARGE MISSILE |
| PRODUCTS HAVE NOT BEEN TESTED FOR WATER INFILTRATION AND SHALL ONLY BE INSTALLED IN NONHABITABLE AREAS OR WITH AN OVERHANG IN ACCORDANCE WITH FBC 1709.5.1 |               |

NOTE 5-1/4" STILE AT SIDELITE SHOWN; 2" STILE SIMILAR.



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500 Series Outswing Door  
Elevations

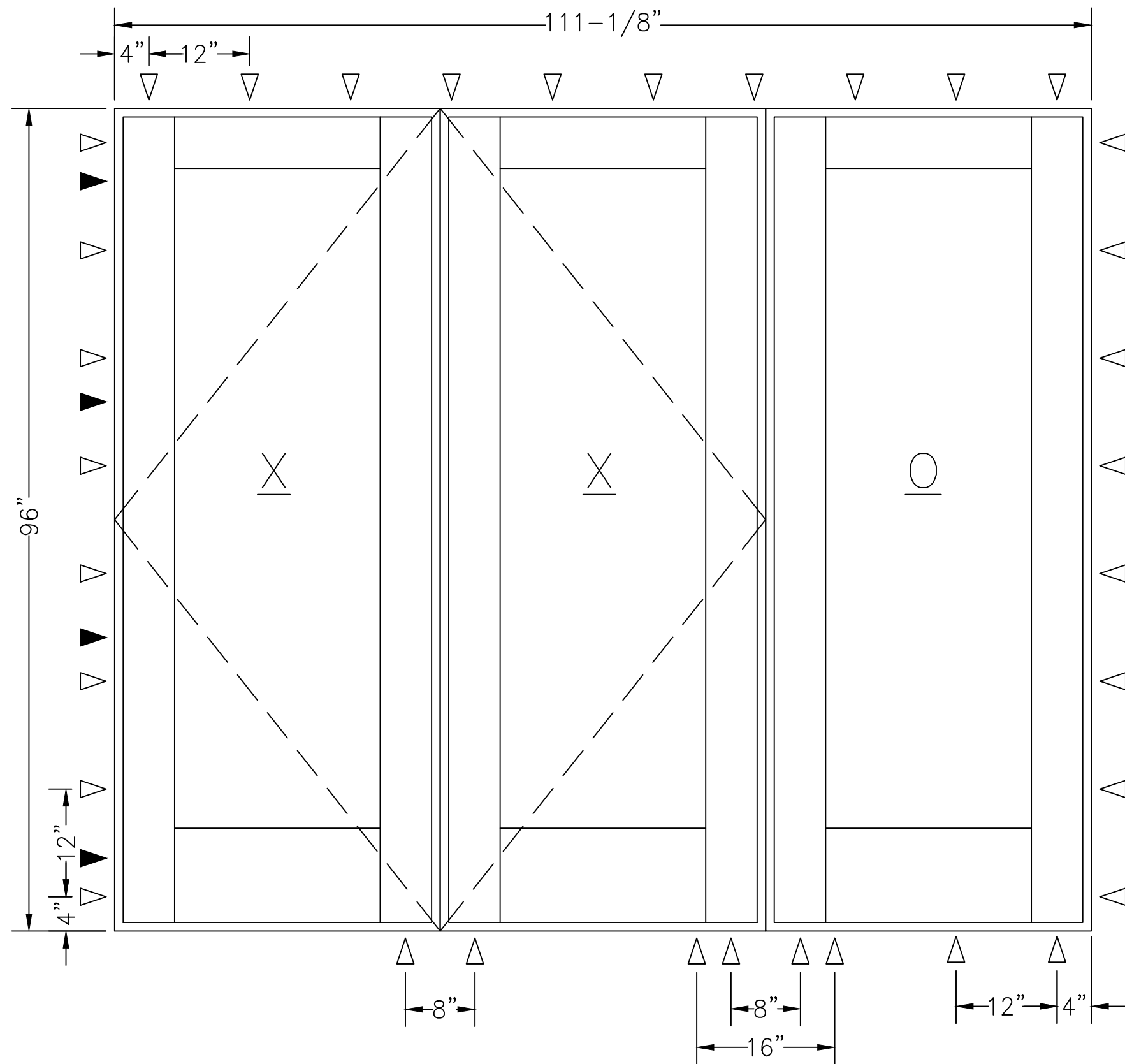
Frontline Building Products

610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

Scale: NTS

Sheet 2 of 24



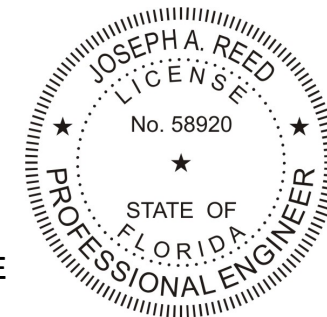
▽ THROUGH FRAME ANCHOR

▼ ANCHOR AT HINGE

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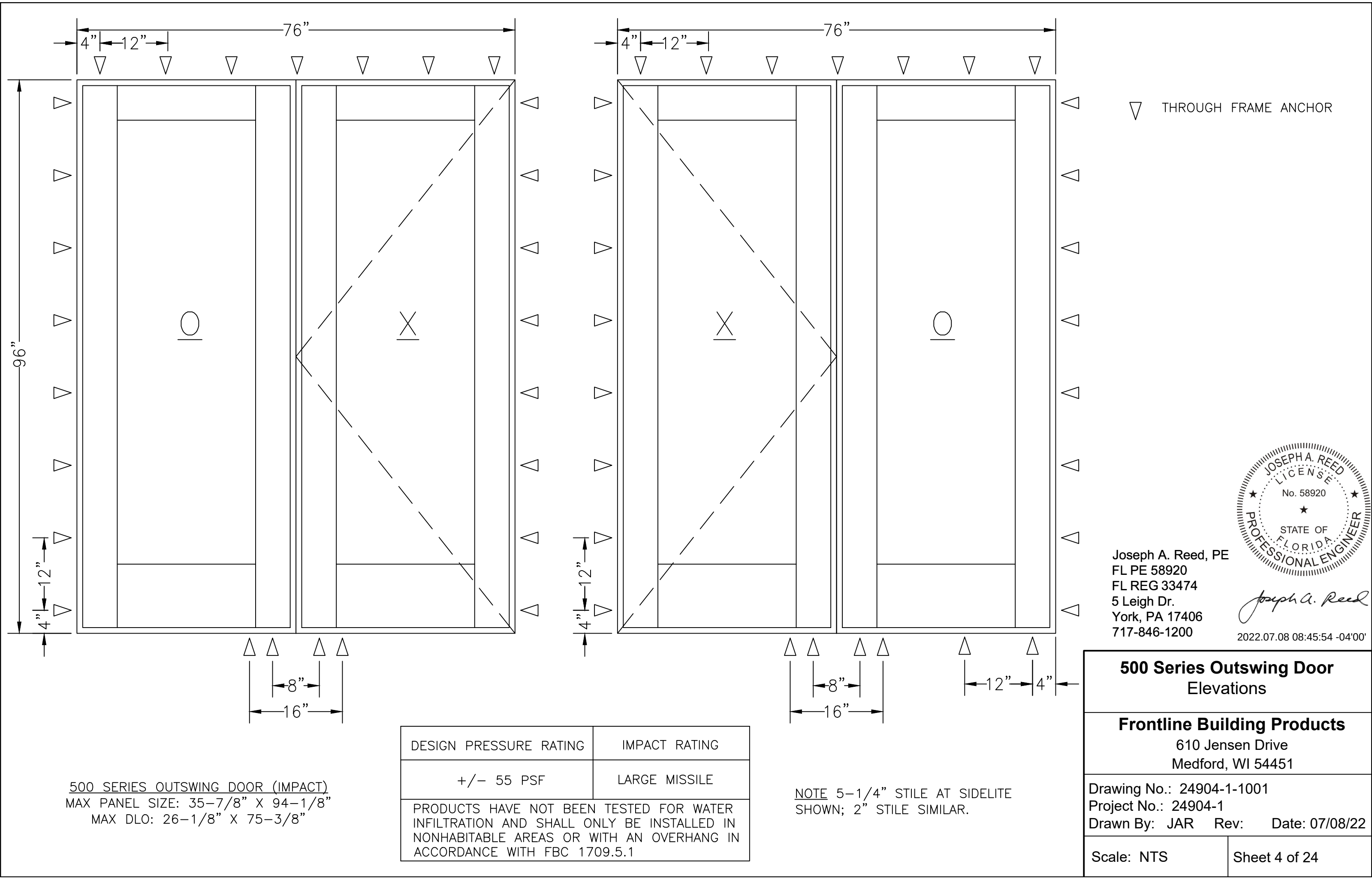
### 500 Series Outswing Door Elevations

**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

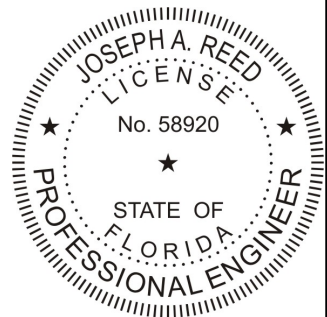
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Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

Scale: NTS

Sheet 3 of 24



▽ THROUGH FRAME ANCHOR



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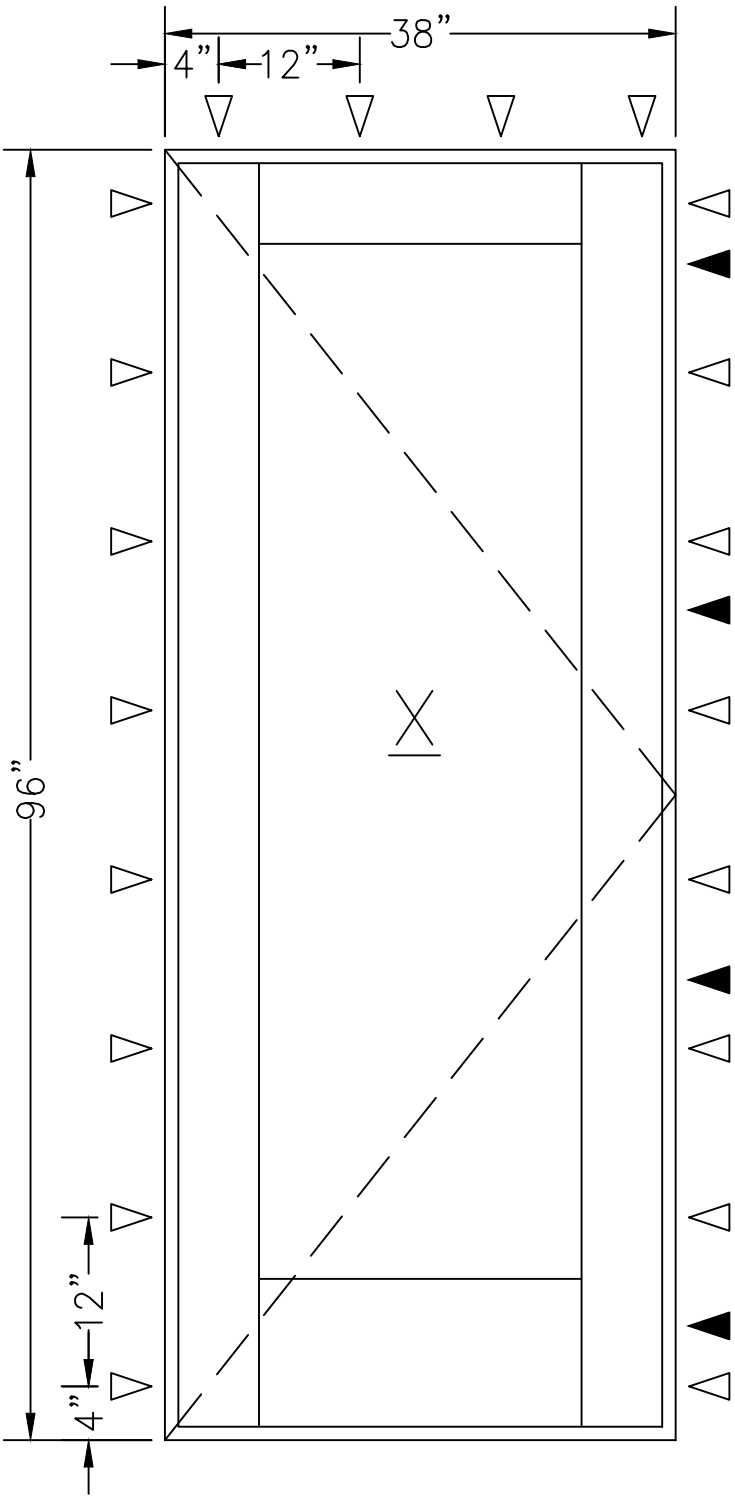
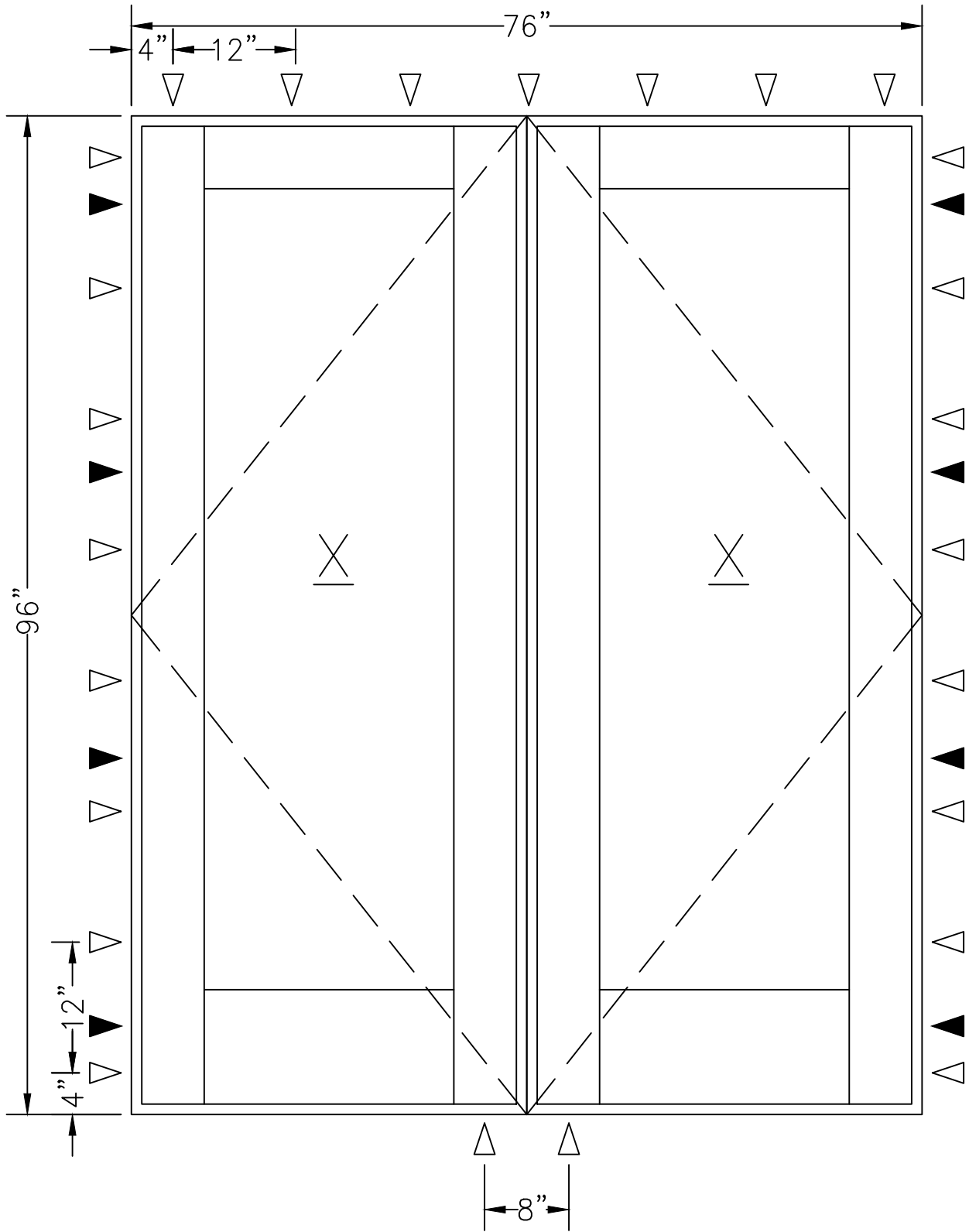
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500 SERIES OUTSWING DOOR (IMPACT)  
MAX PANEL SIZE: 35-7/8" X 94-1/8"  
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|                                                                                                                                                            |               |
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|                                                                                        |               |
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| 500 Series Outswing Door Elevations                                                    |               |
| Frontline Building Products<br>610 Jensen Drive<br>Medford, WI 54451                   |               |
| Drawing No.: 24904-1-1001<br>Project No.: 24904-1<br>Drawn By: JAR Rev: Date: 07/08/22 |               |
| Scale: NTS                                                                             | Sheet 4 of 24 |



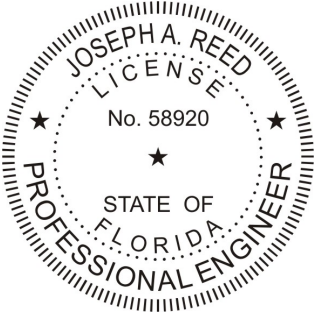
▽ THROUGH FRAME ANCHOR

▼ ANCHOR AT HINGE

500 SERIES OUTSWING DOOR (IMPACT)  
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|                                                                                                                                                            |               |
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| +/- 55 PSF                                                                                                                                                 | LARGE MISSILE |
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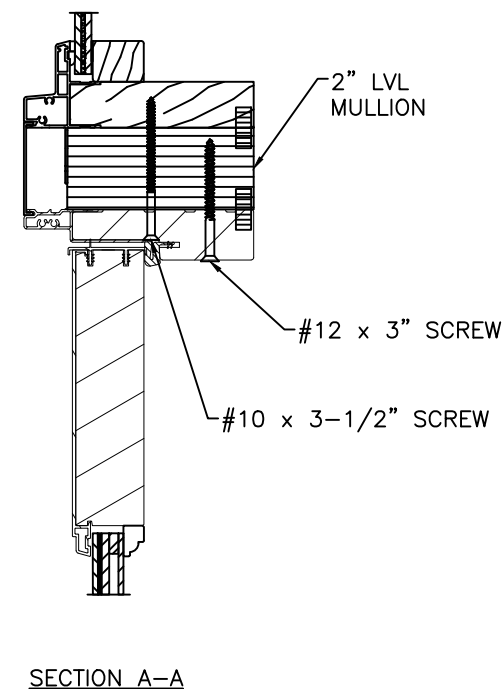
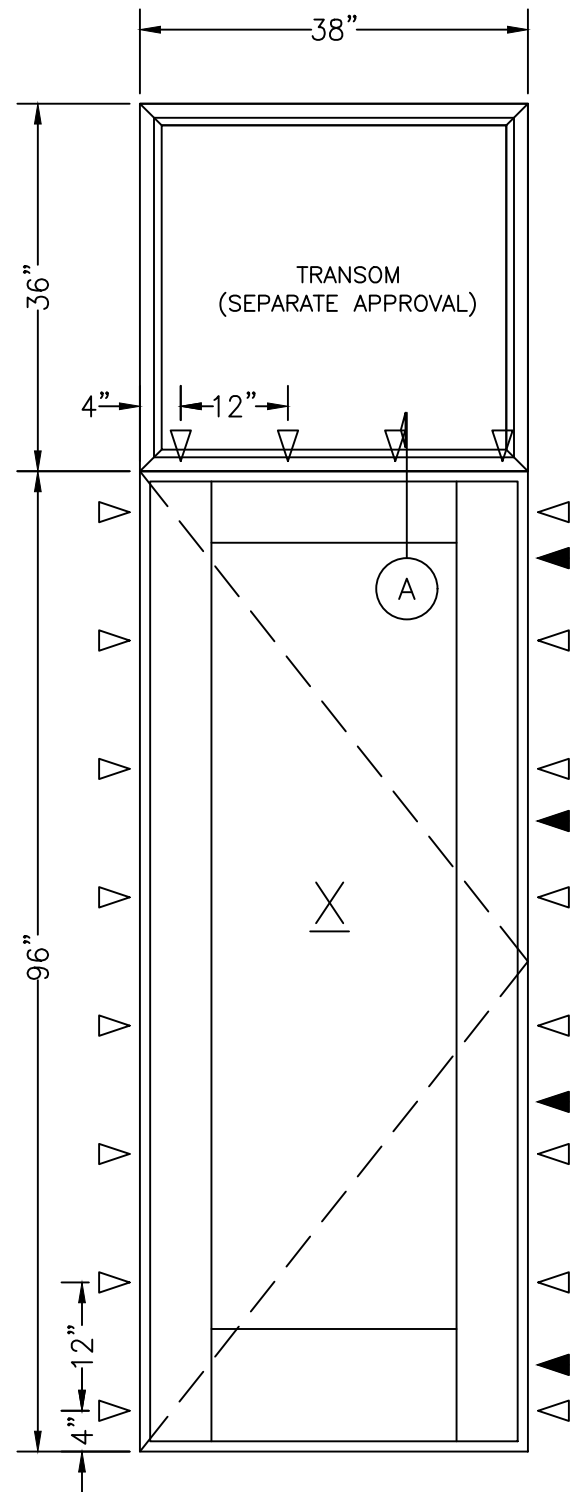
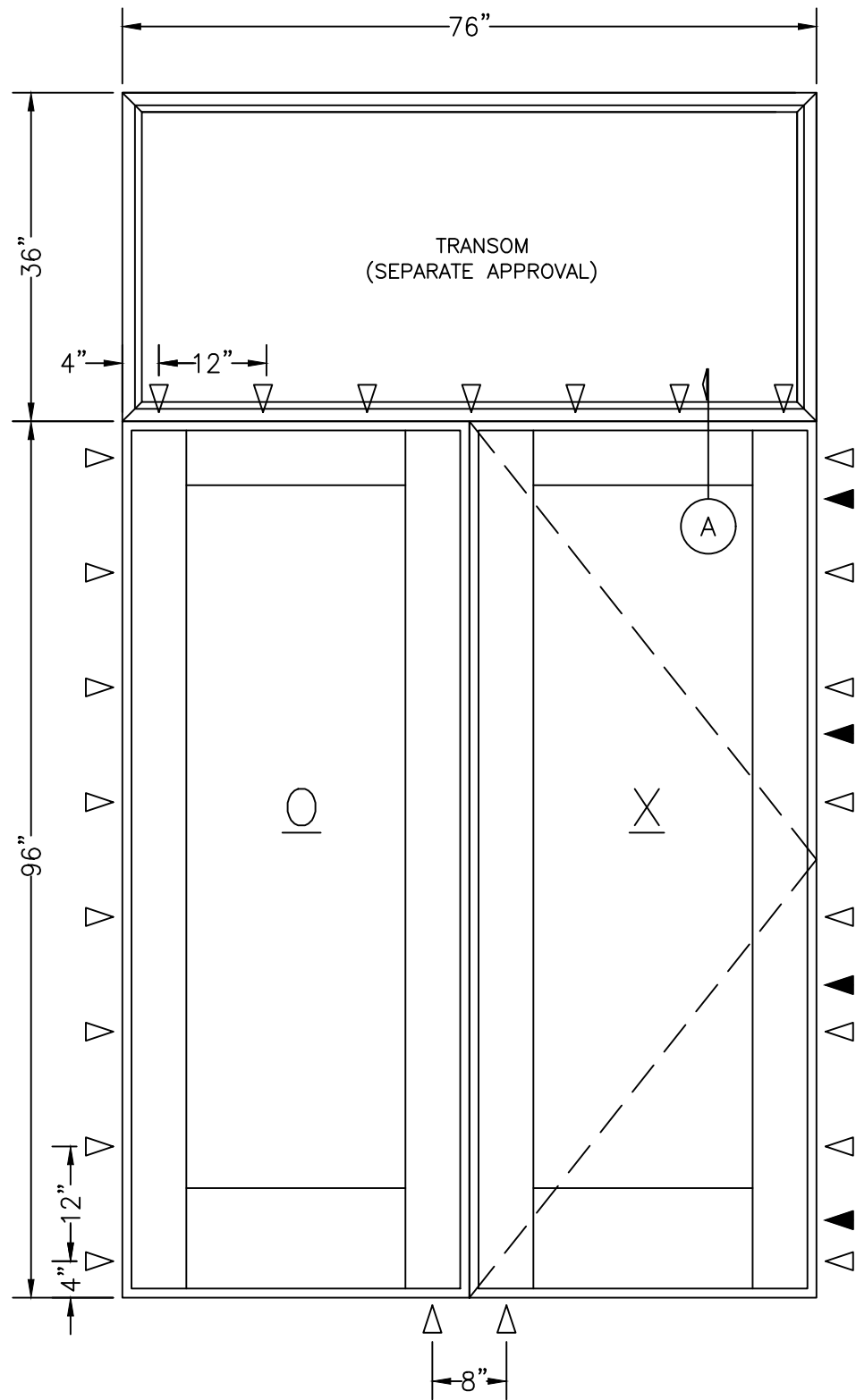


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|                                                                                        |               |
|----------------------------------------------------------------------------------------|---------------|
| 500 Series Outswing Door Elevations                                                    |               |
| Frontline Building Products<br>610 Jensen Drive<br>Medford, WI 54451                   |               |
| Drawing No.: 24904-1-1001<br>Project No.: 24904-1<br>Drawn By: JAR Rev: Date: 07/08/22 |               |
| Scale: NTS                                                                             | Sheet 5 of 24 |



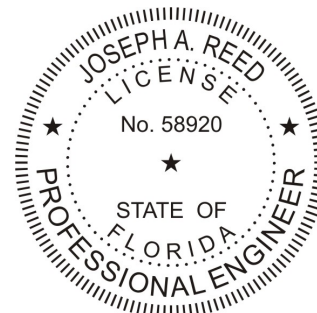
▽ THROUGH FRAME ANCHOR  
▼ ANCHOR AT HINGE

500 SERIES OUTSWING DOOR (IMPACT)  
MAX PANEL SIZE: 35-7/8" X 94-1/8"  
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| DESIGN PRESSURE RATING                                                                                                                                     | IMPACT RATING |
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OX SHOWN; XO AND XX SIMILAR



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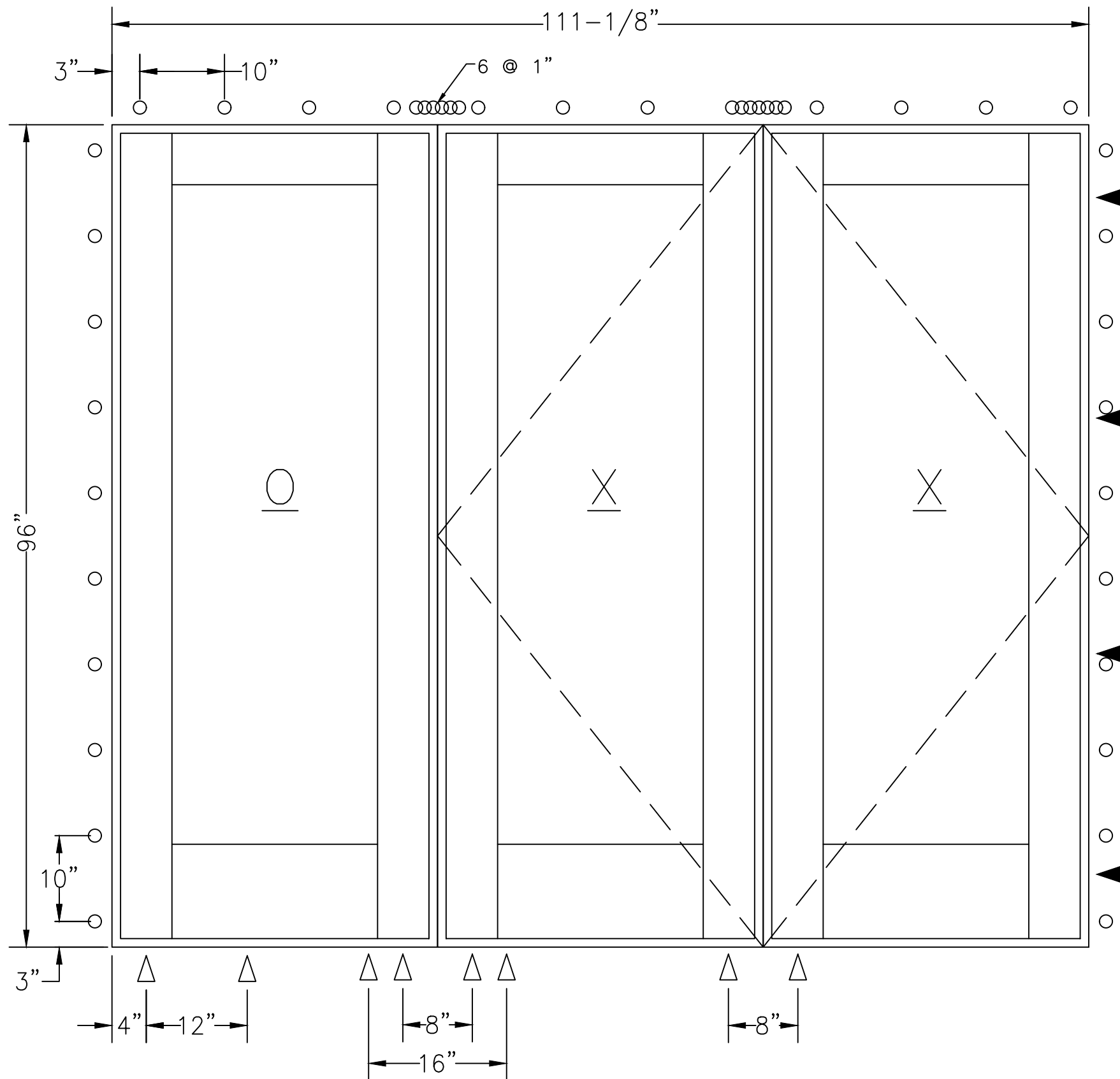
**500 Series Outswing Door**  
Elevations

**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

Scale: NTS

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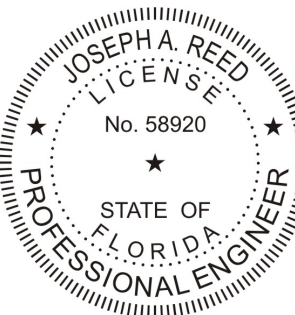
- ▽ THROUGH FRAME ANCHOR
- ▼ ANCHOR AT HINGE
- FIN ANCHOR

500 SERIES OUTSWING DOOR (IMPACT)  
MAX PANEL SIZE: 35-7/8" X 94-1/8"  
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| DESIGN PRESSURE RATING                                                                                                                                     | IMPACT RATING |
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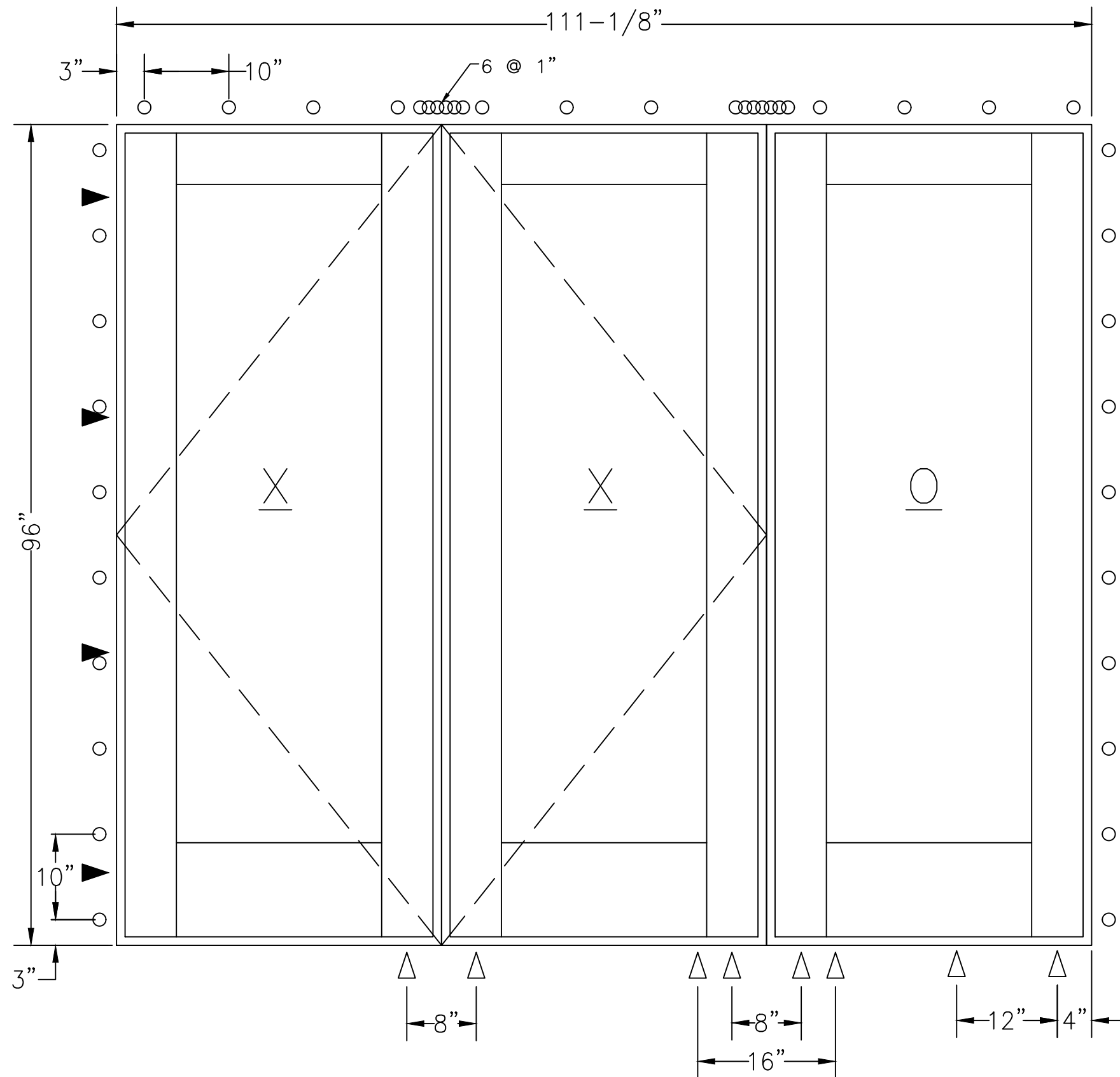
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| 500 Series Outswing Door Elevations                                                    |               |
|----------------------------------------------------------------------------------------|---------------|
| Frontline Building Products                                                            |               |
| 610 Jensen Drive<br>Medford, WI 54451                                                  |               |
| Drawing No.: 24904-1-1001<br>Project No.: 24904-1<br>Drawn By: JAR Rev: Date: 07/08/22 |               |
| Scale: NTS                                                                             | Sheet 7 of 24 |



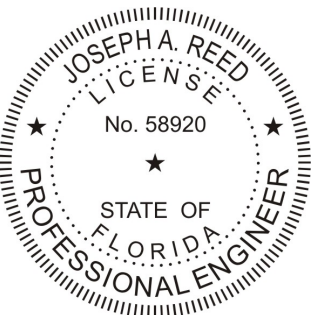
- ▽ THROUGH FRAME ANCHOR
- ▼ ANCHOR AT HINGE
- FIN ANCHOR

500 SERIES OUTSWING DOOR (IMPACT)  
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### 500 Series Outswing Door Elevations

### Frontline Building Products

610 Jensen Drive  
Medford, WI 54451

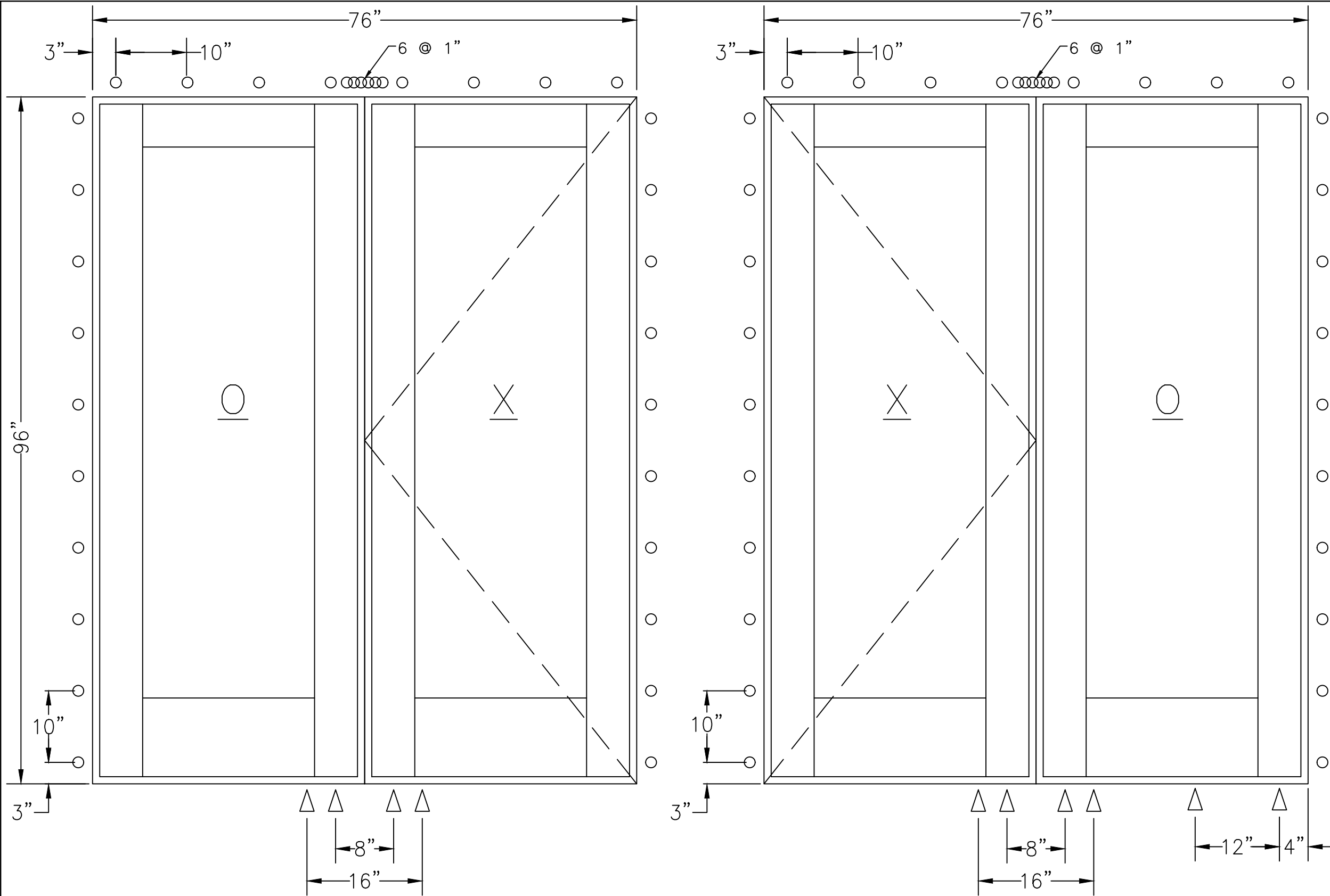
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Project No.: 24904-1

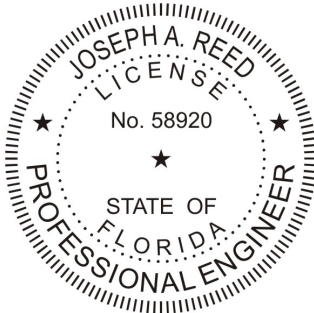
Drawn By: JAR Rev: Date: 07/08/22

Scale: NTS

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▽ THROUGH FRAME ANCHOR  
○ FIN ANCHOR



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500 SERIES OUTSWING DOOR (IMPACT)  
MAX PANEL SIZE: 35-7/8" X 94-1/8"  
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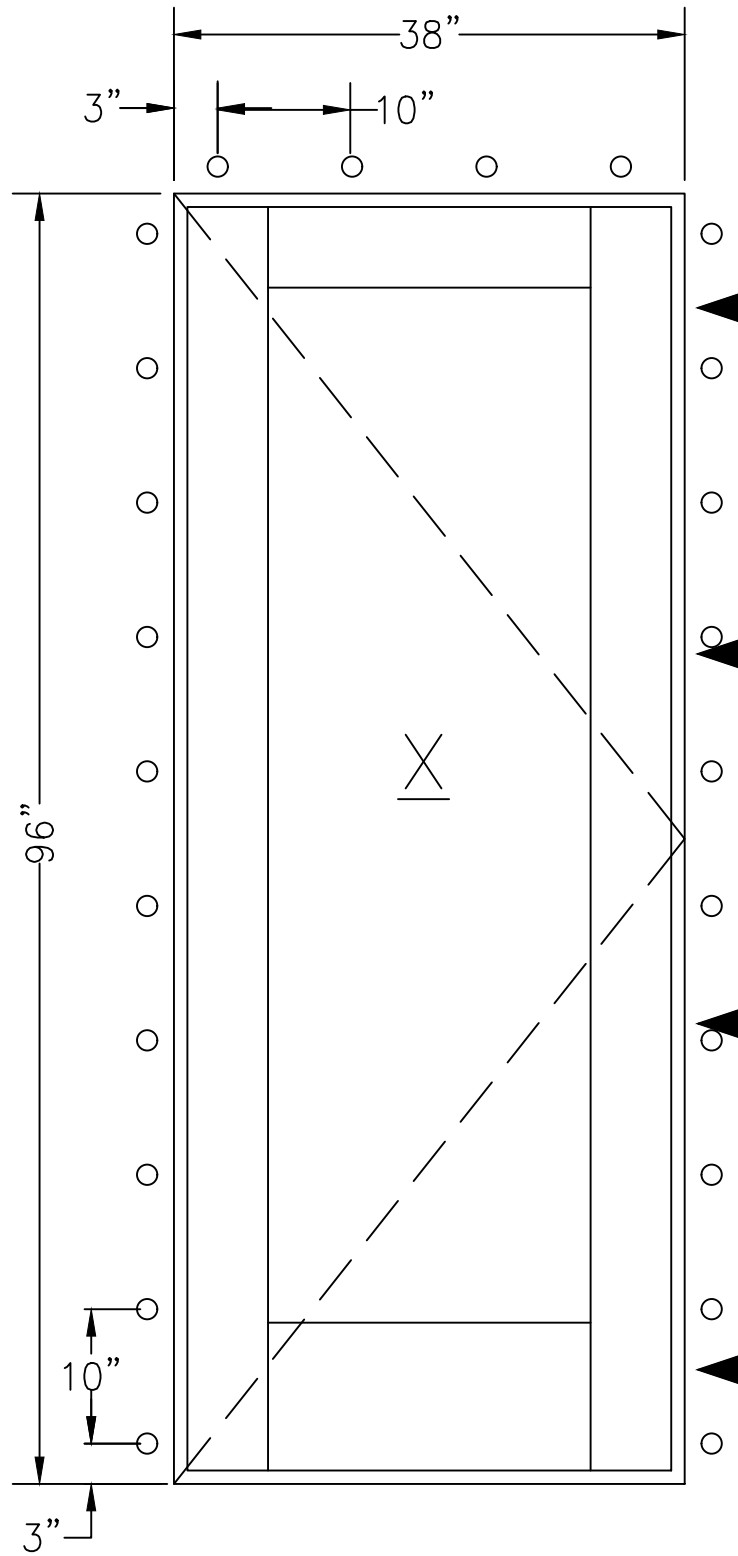
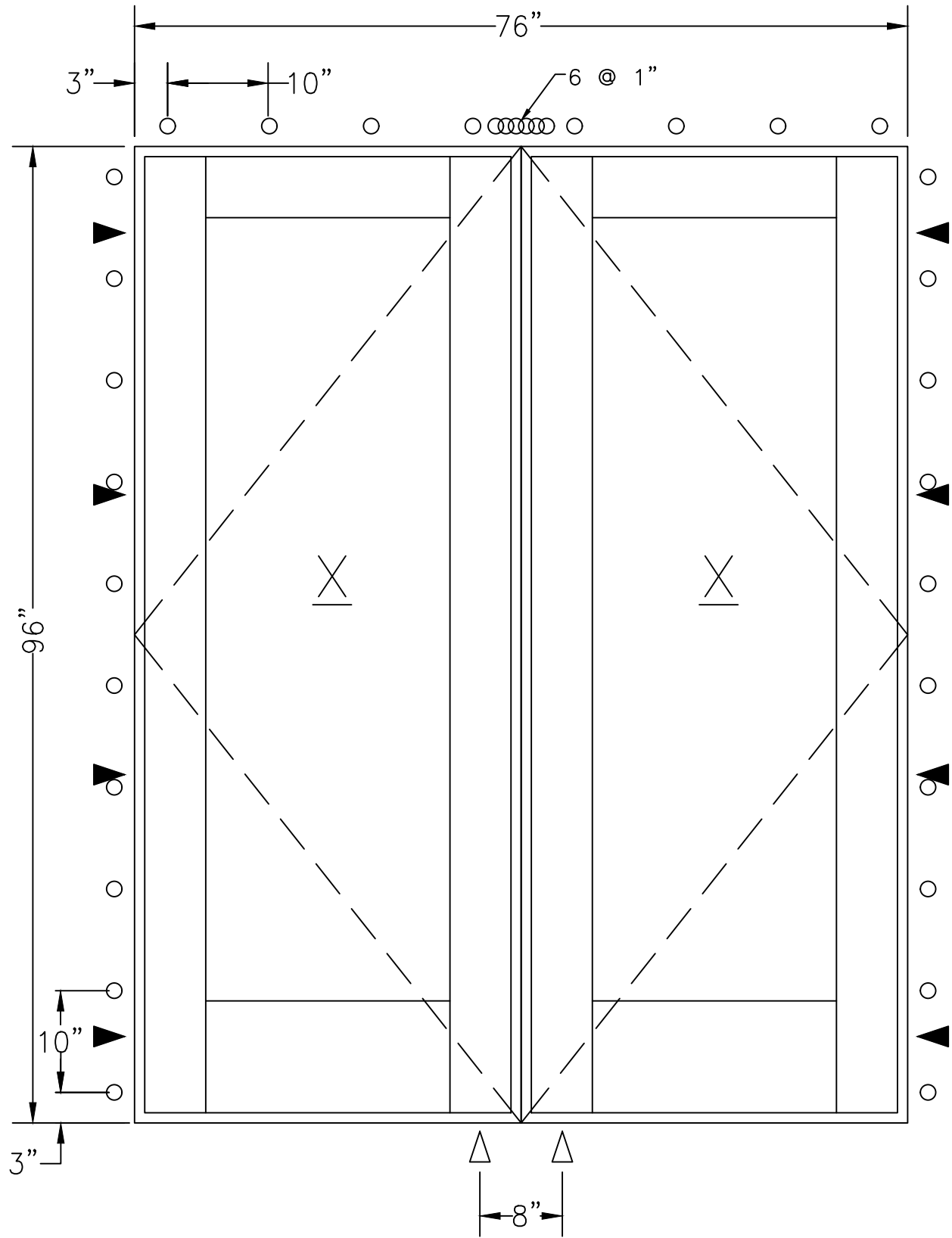
### 500 Series Outswing Door Elevations

**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

Scale: NTS

Sheet 9 of 24



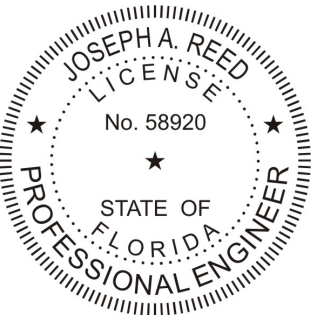
- ▽ THROUGH FRAME ANCHOR  
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500 SERIES OUTSWING DOOR (IMPACT)  
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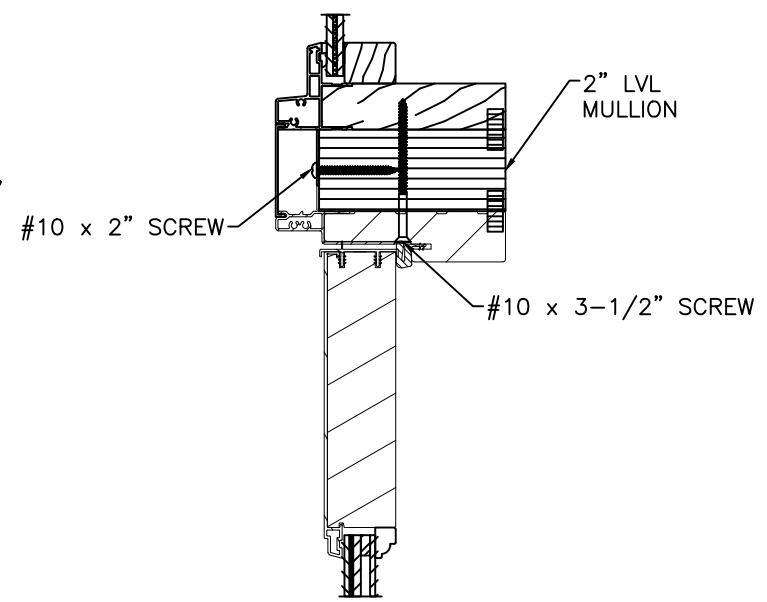
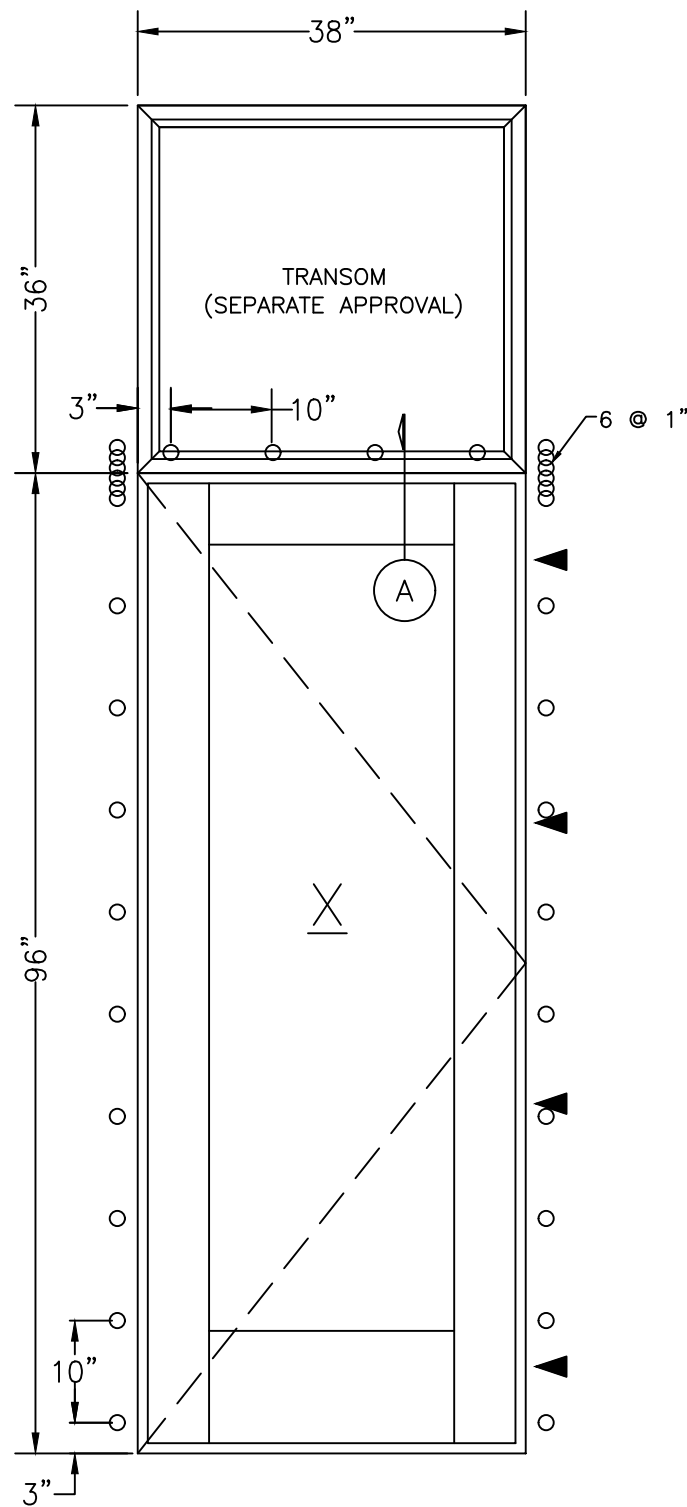
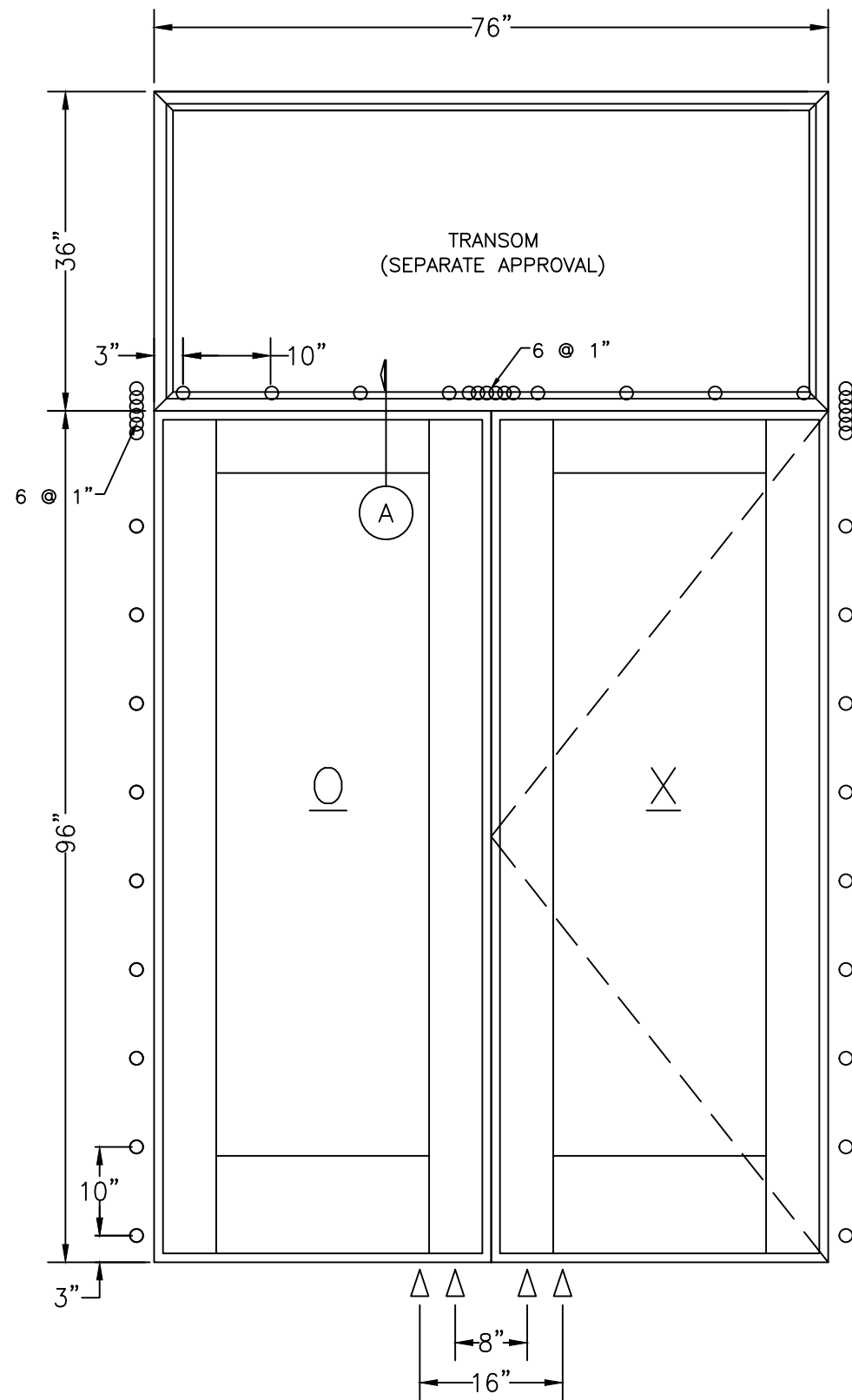
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|                                                                                        |                |
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| 500 Series Outswing Door Elevations                                                    |                |
| Frontline Building Products<br>610 Jensen Drive<br>Medford, WI 54451                   |                |
| Drawing No.: 24904-1-1001<br>Project No.: 24904-1<br>Drawn By: JAR Rev: Date: 07/08/22 |                |
| Scale: NTS                                                                             | Sheet 10 of 24 |



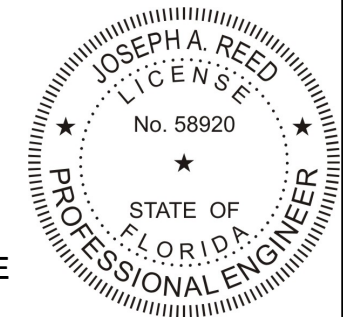
SECTION A-A

- ▽ THROUGH FRAME ANCHOR
- ▼ ANCHOR AT HINGE
- FIN ANCHOR

500 SERIES OUTSWING DOOR (IMPACT)  
MAX PANEL SIZE: 35-7/8" X 94-1/8"  
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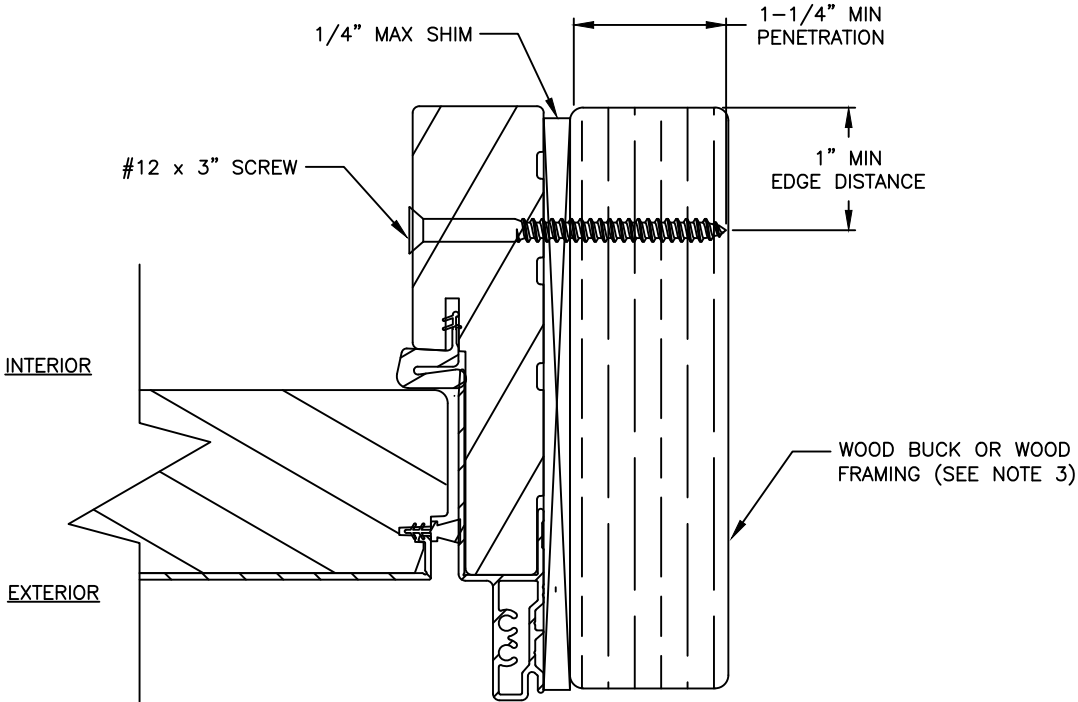
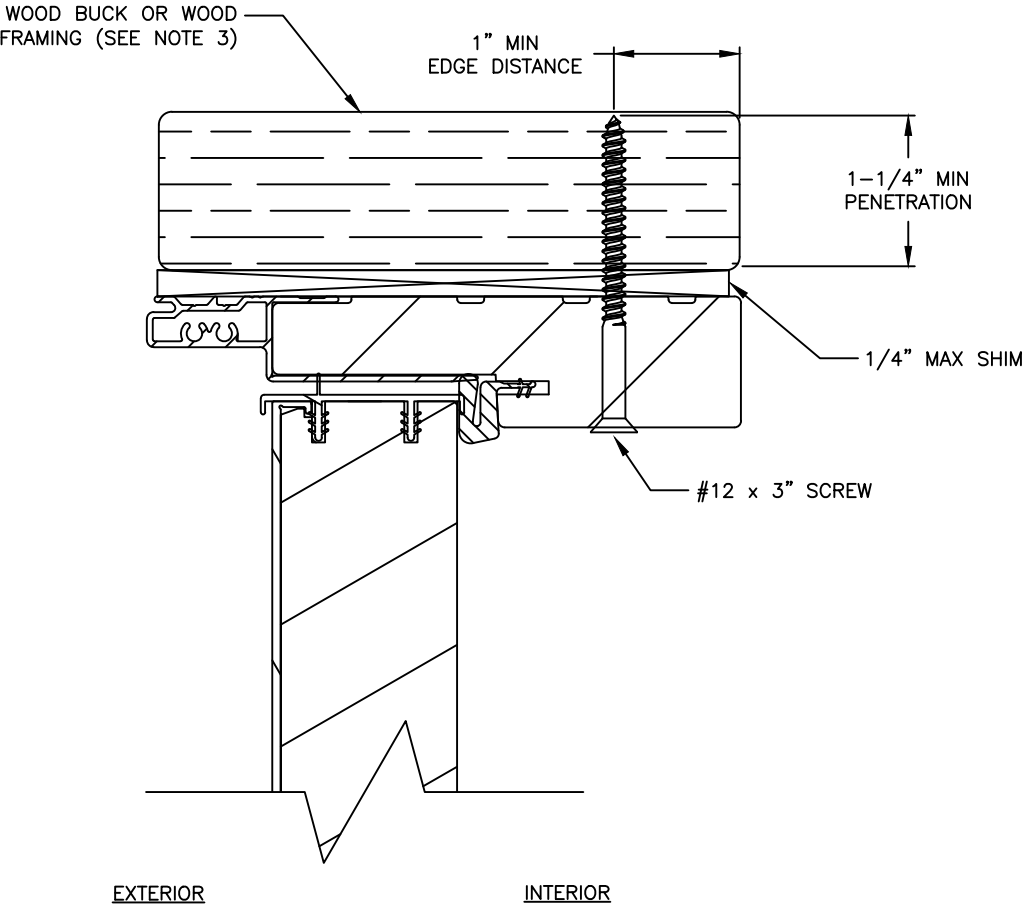


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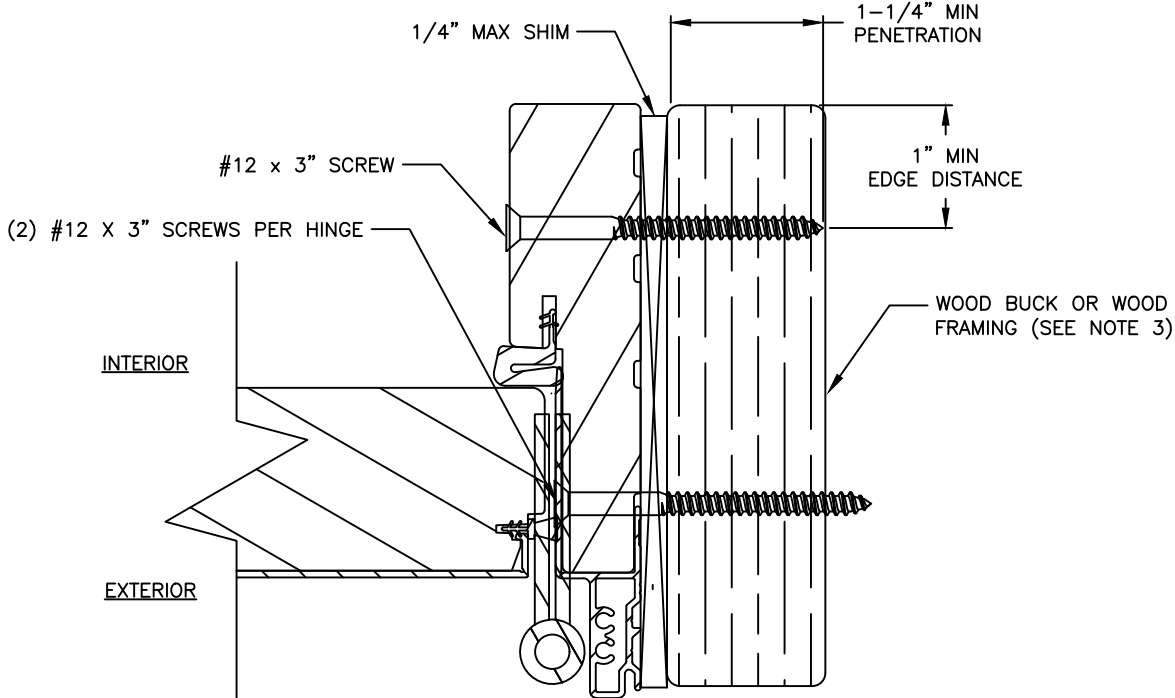
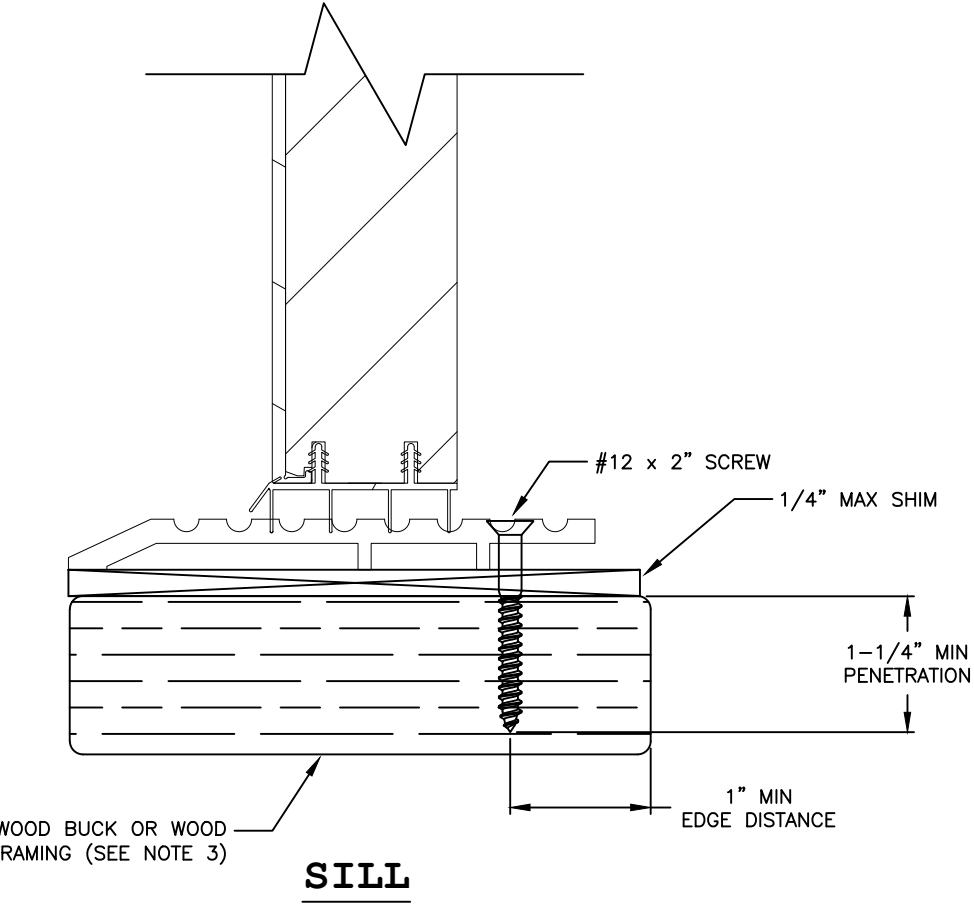
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| 500 Series Outswing Door Elevations                                                    |                |
| Frontline Building Products<br>610 Jensen Drive<br>Medford, WI 54451                   |                |
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| Scale: NTS                                                                             | Sheet 11 of 24 |

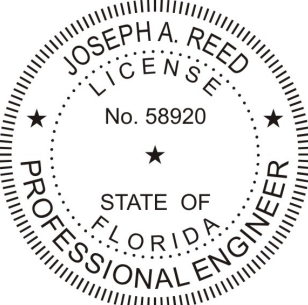
**HEAD**



**JAMB**



**JAMB AT HINGE**



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FL REG 33474  
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York, PA 17406  
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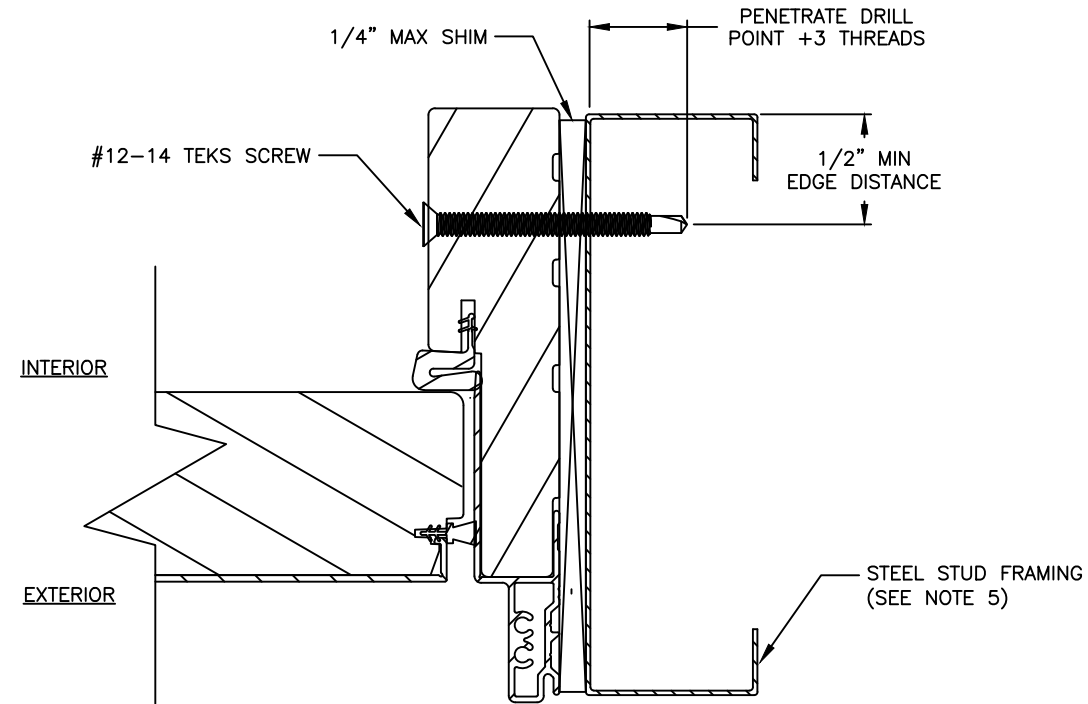
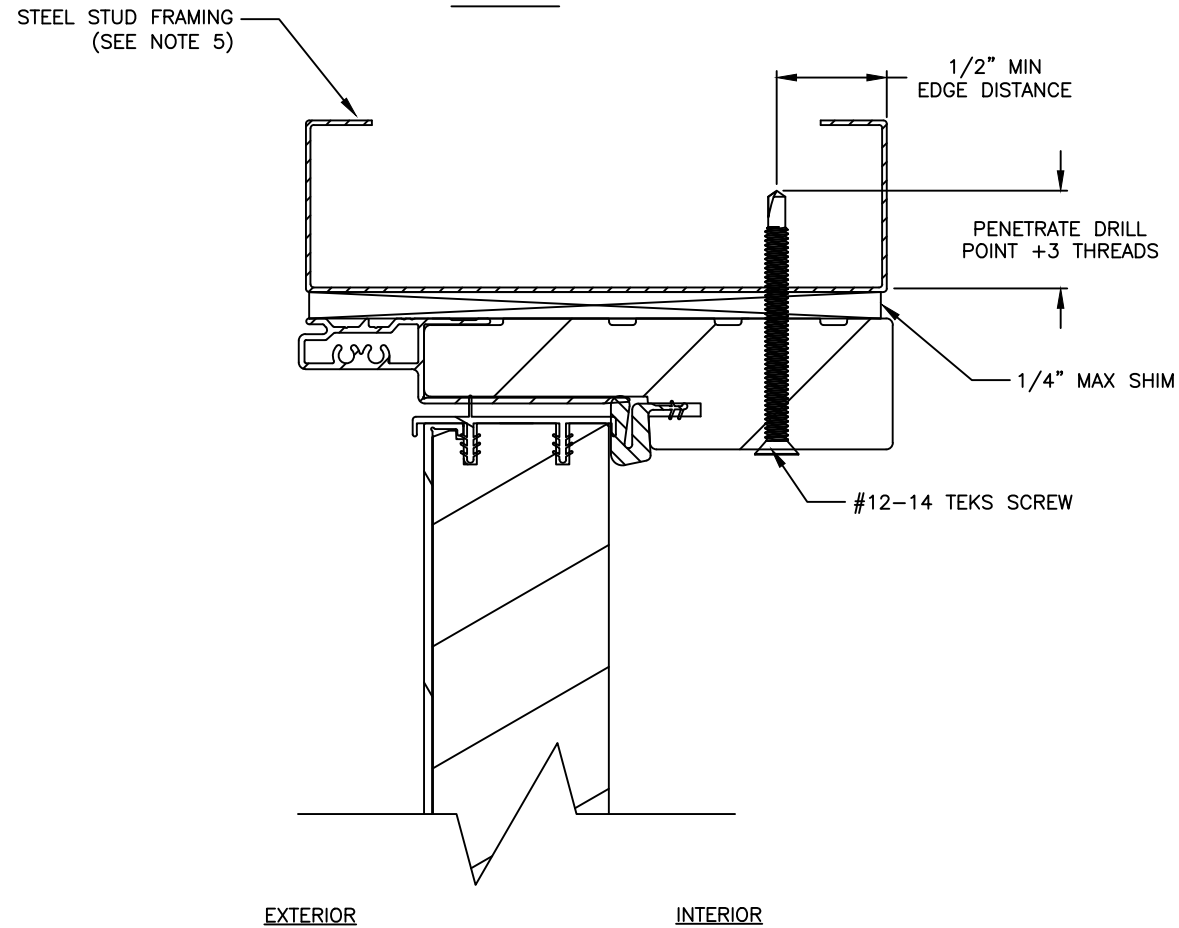
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**500 Series Outswing Door**  
Frame Installation  
Wood

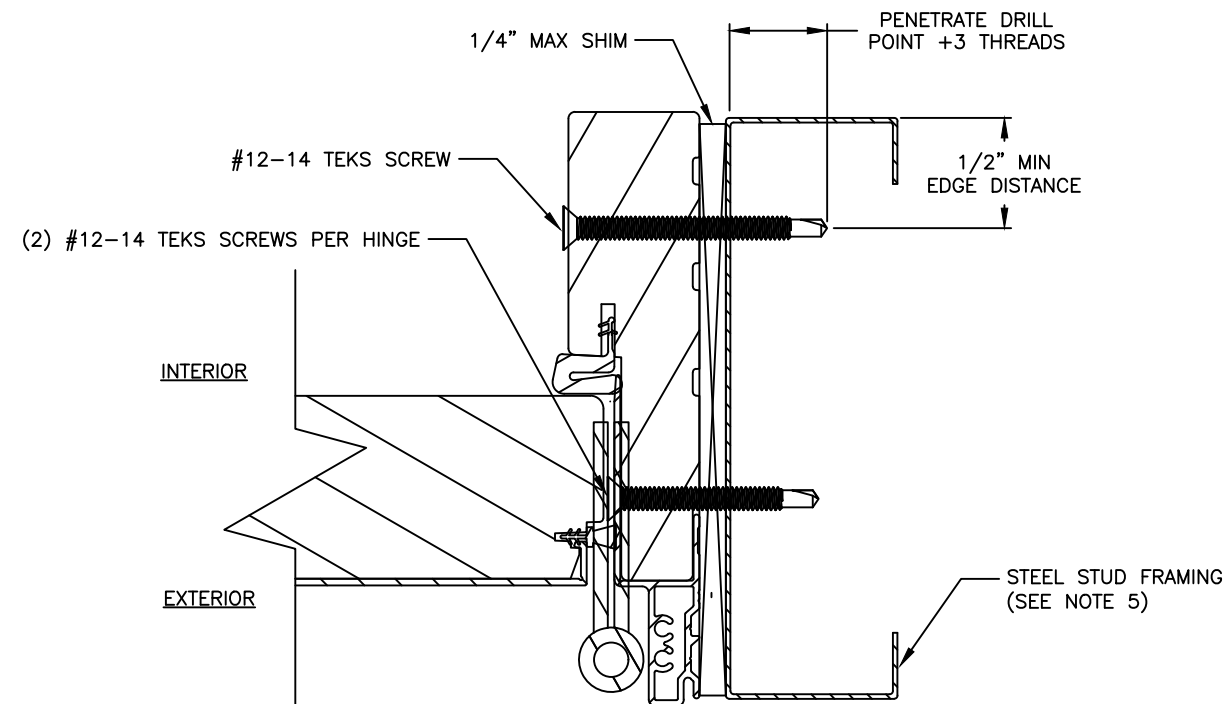
**Frontline Building Products**  
610 Jensen Drive  
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Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

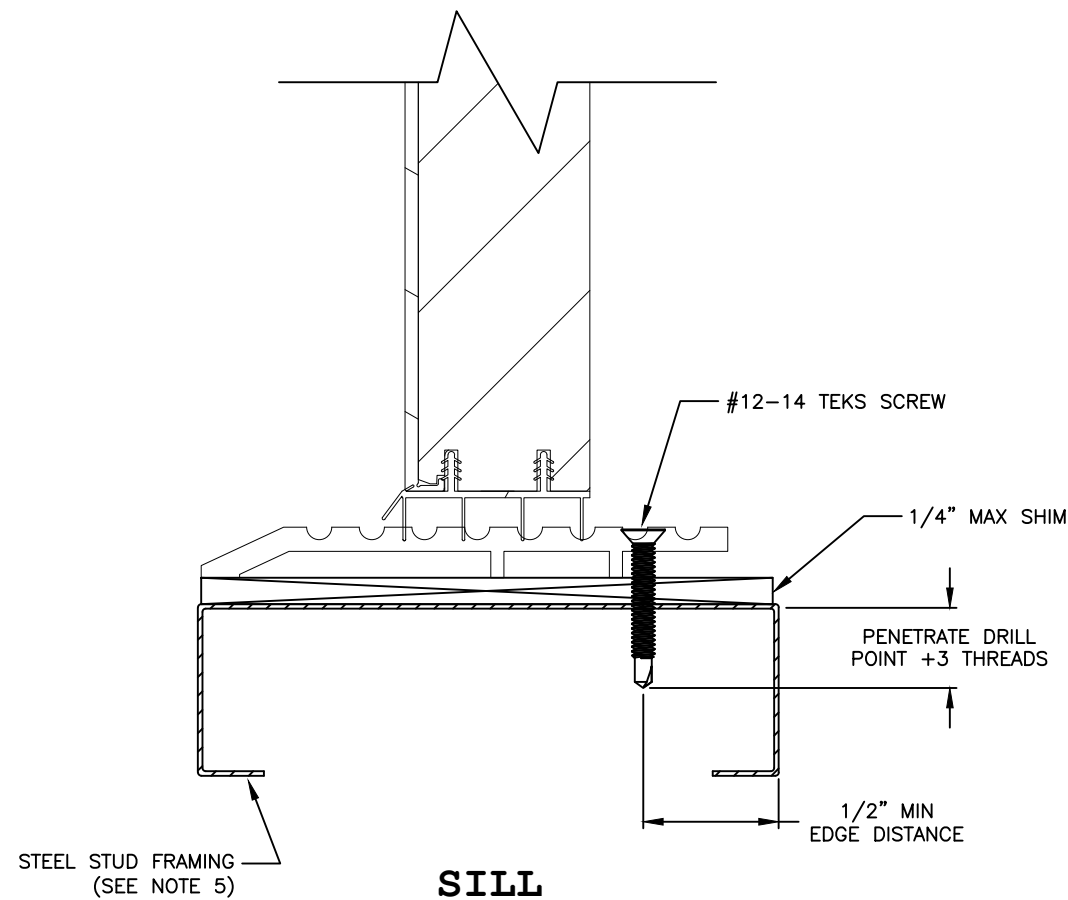
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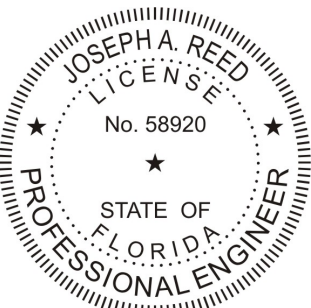
## JAMB



## JAMB AT HINGE



## SILL



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2022.07.08 08:45:54 -04'00'

**500 Series Outswing Door**  
Frame Installation  
Steel Stud

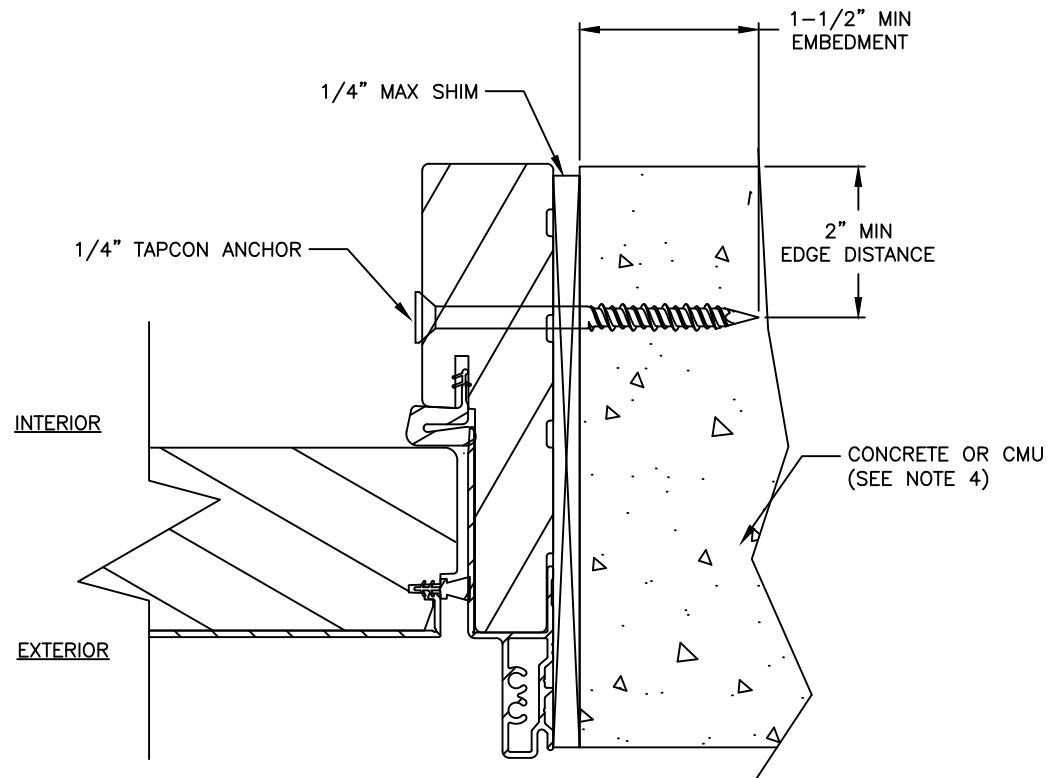
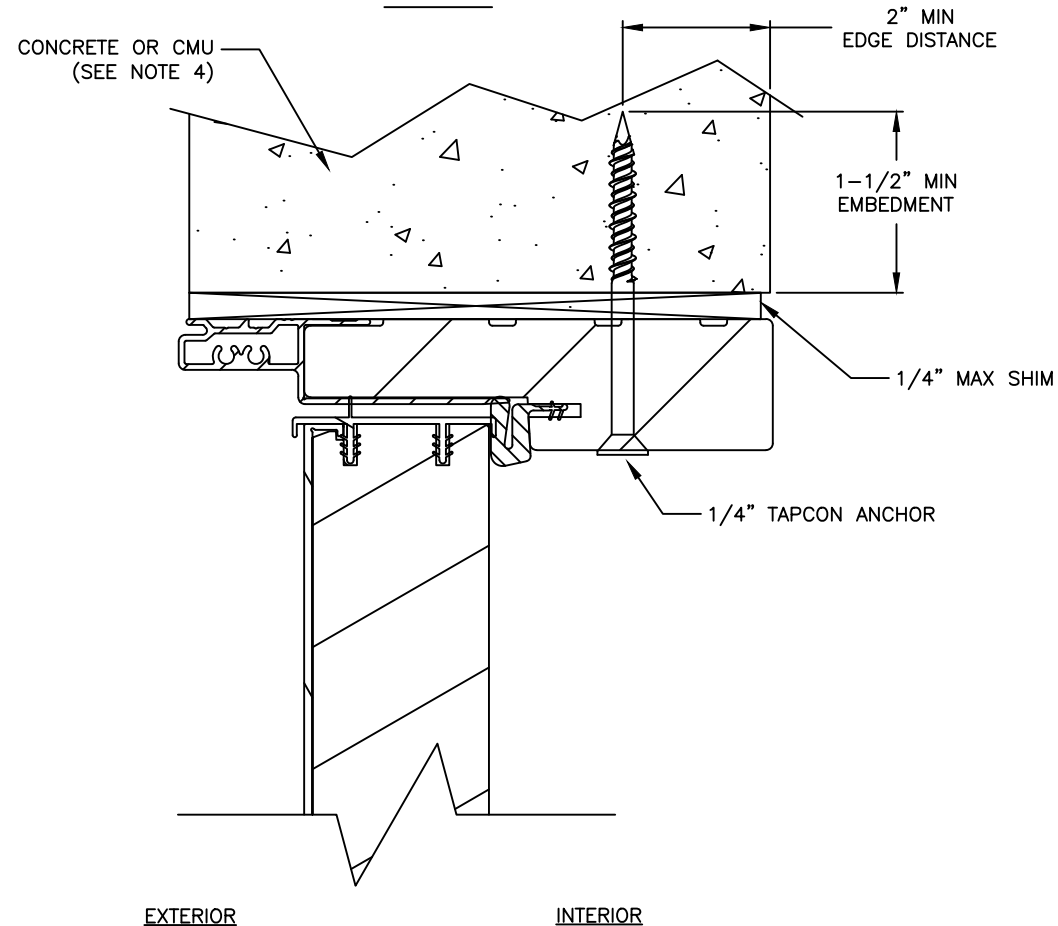
**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

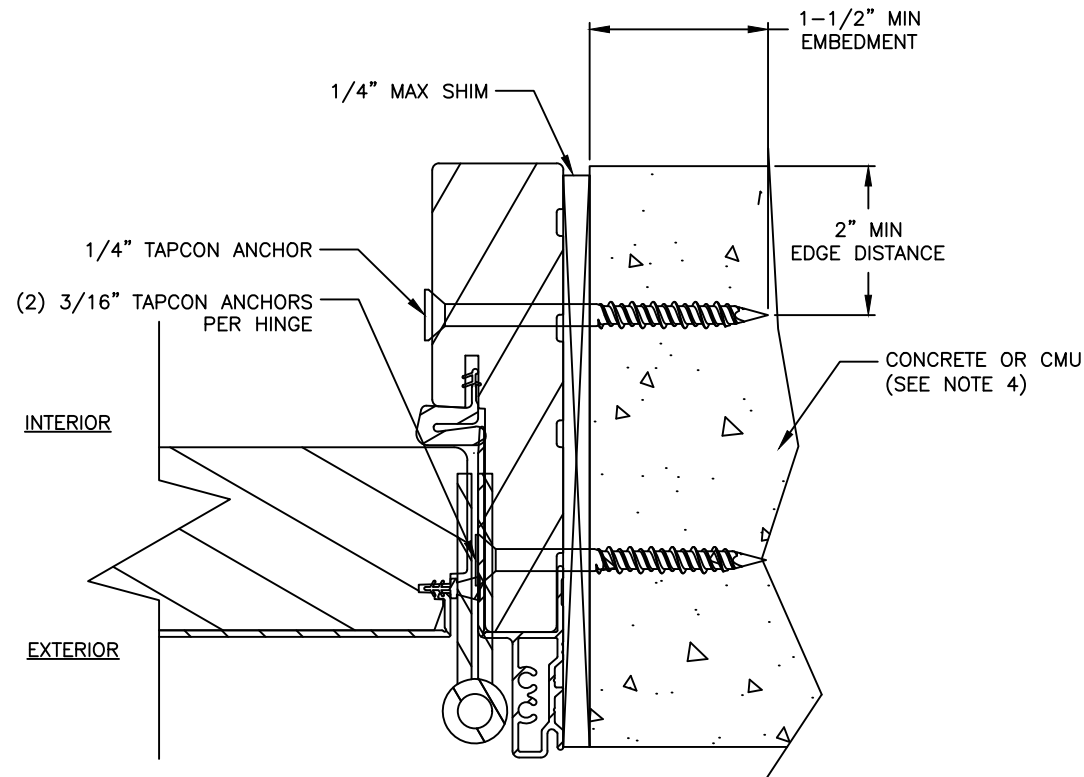
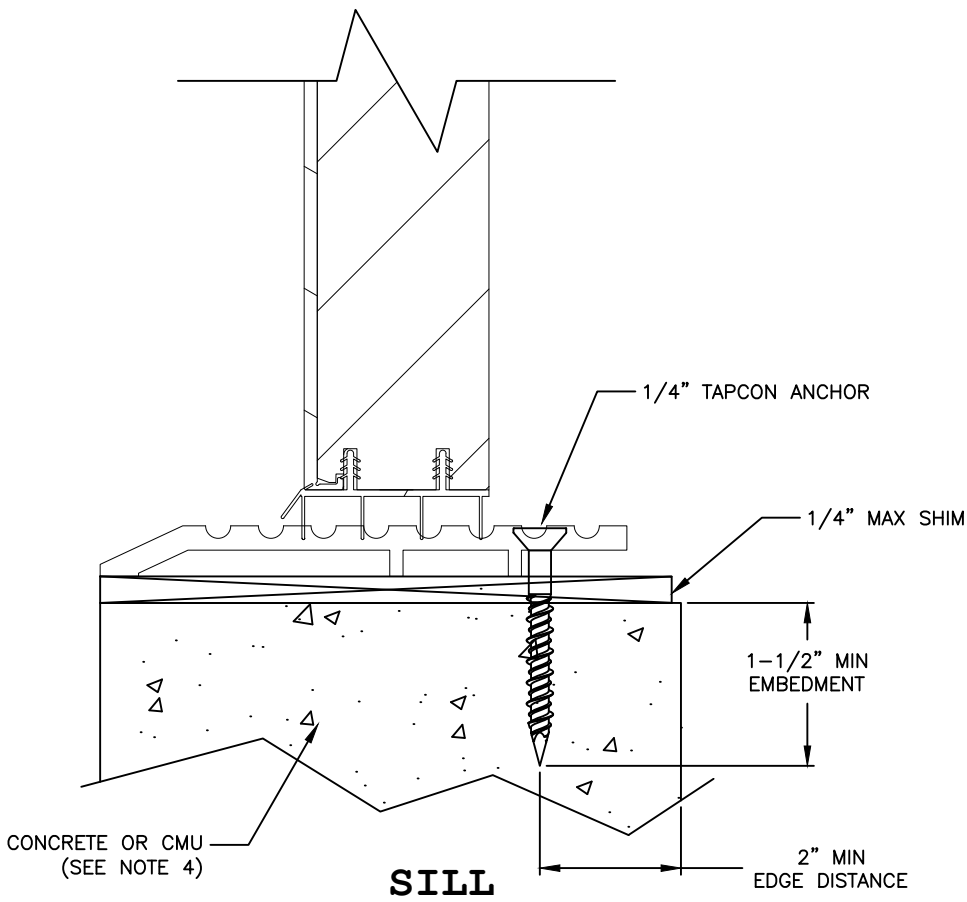
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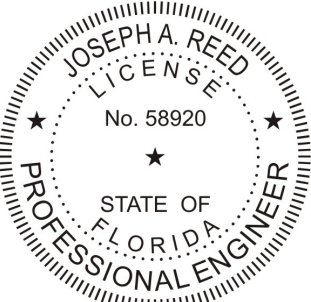
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# JAMB



# JAMB AT HINGE



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FL REG 33474  
5 Leigh Dr.  
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**500 Series Outswing Door**  
Frame Installation  
Concrete or CMU

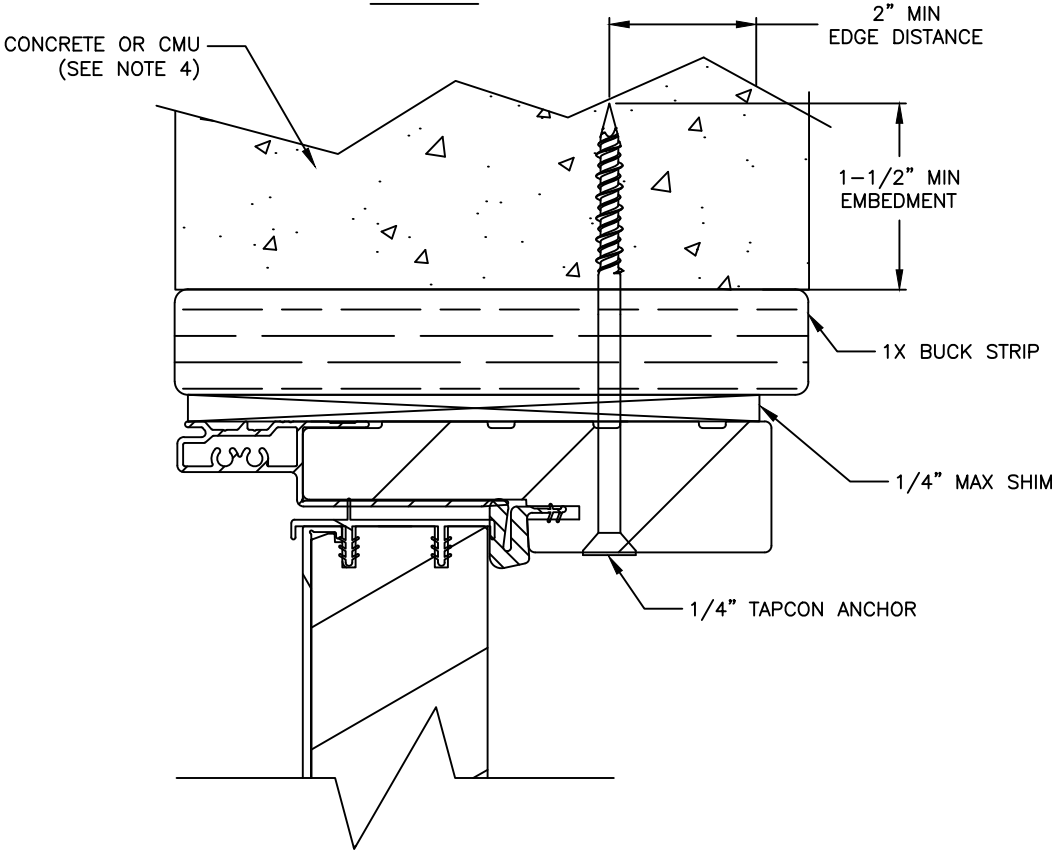
**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

Scale: NTS

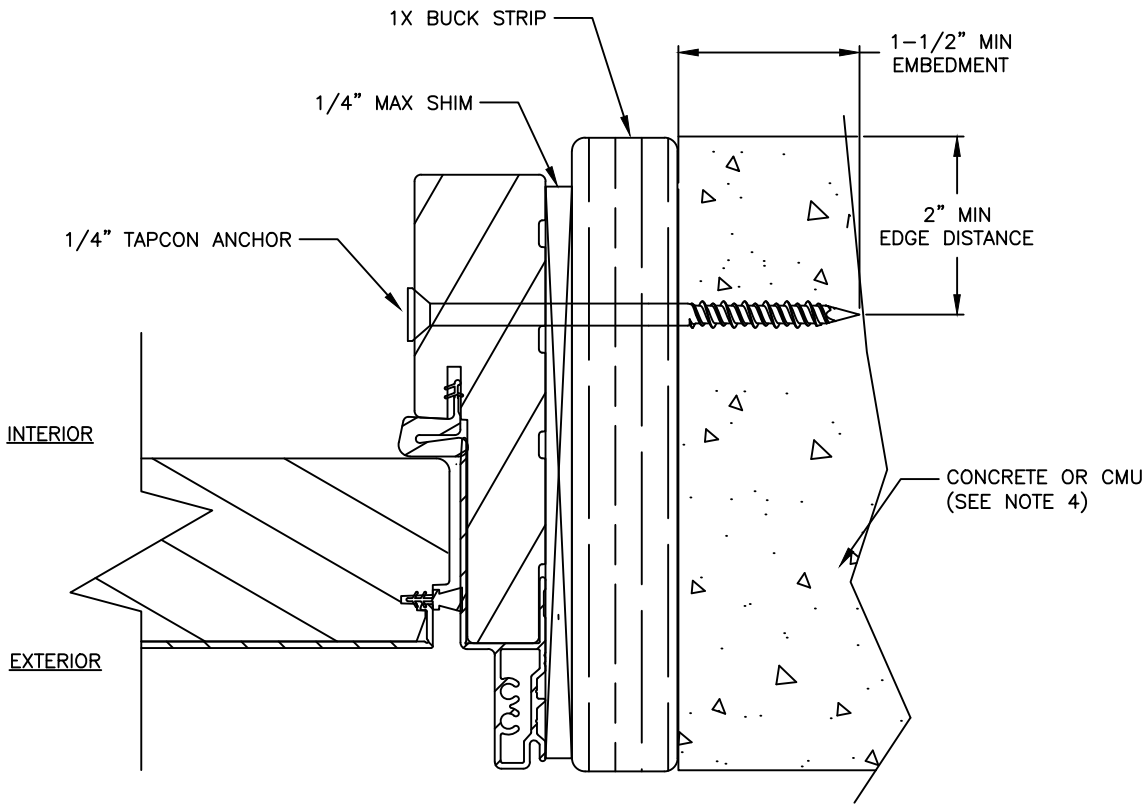
Sheet 14 of 24

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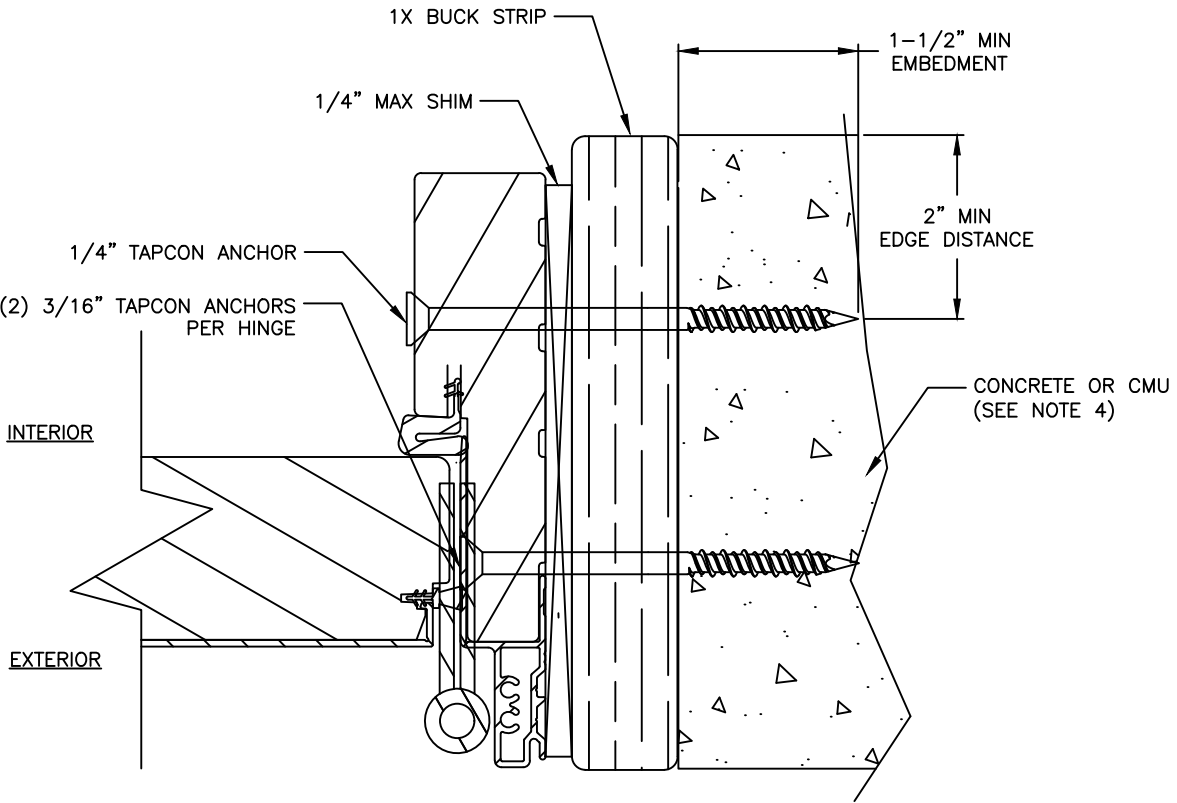


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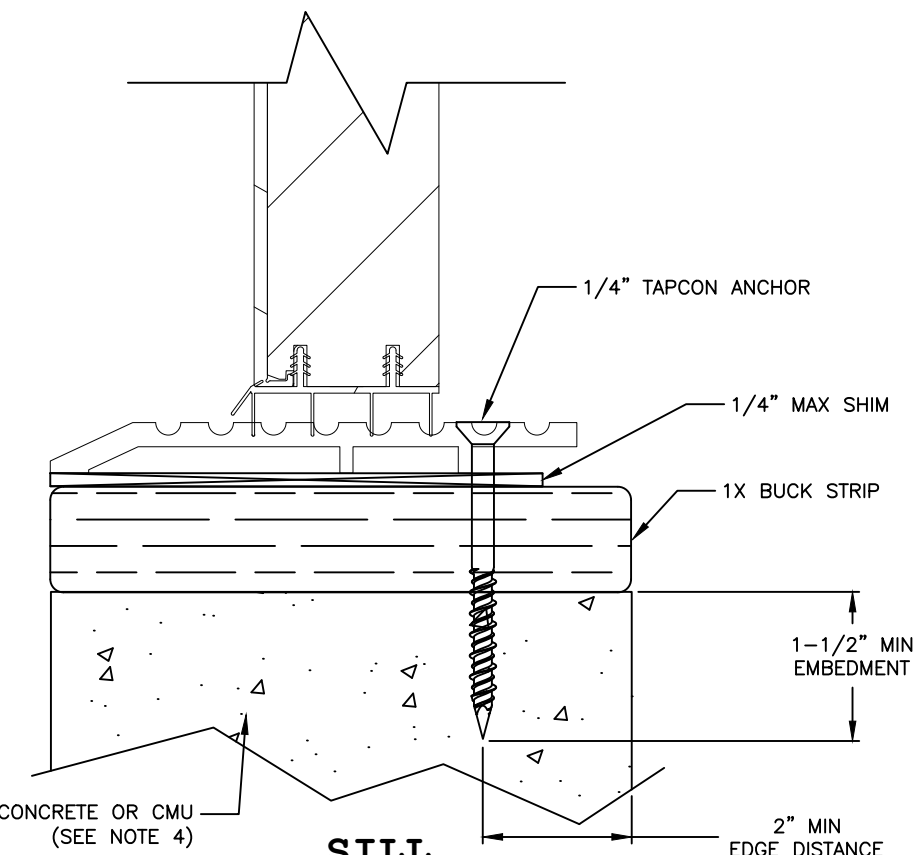
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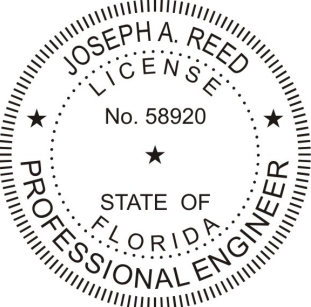
**JAMB**



**JAMB AT HINGE**



**SILL**



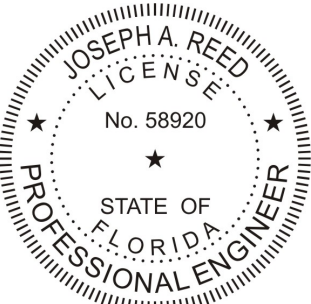
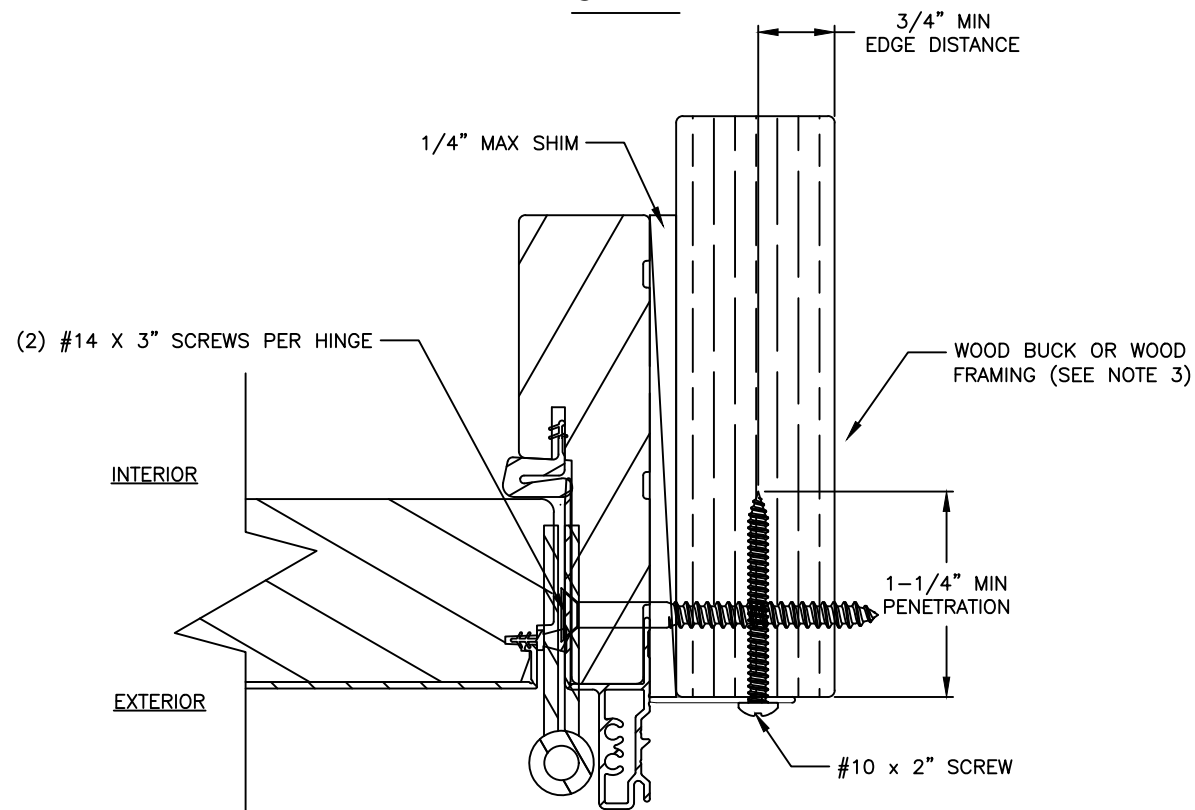
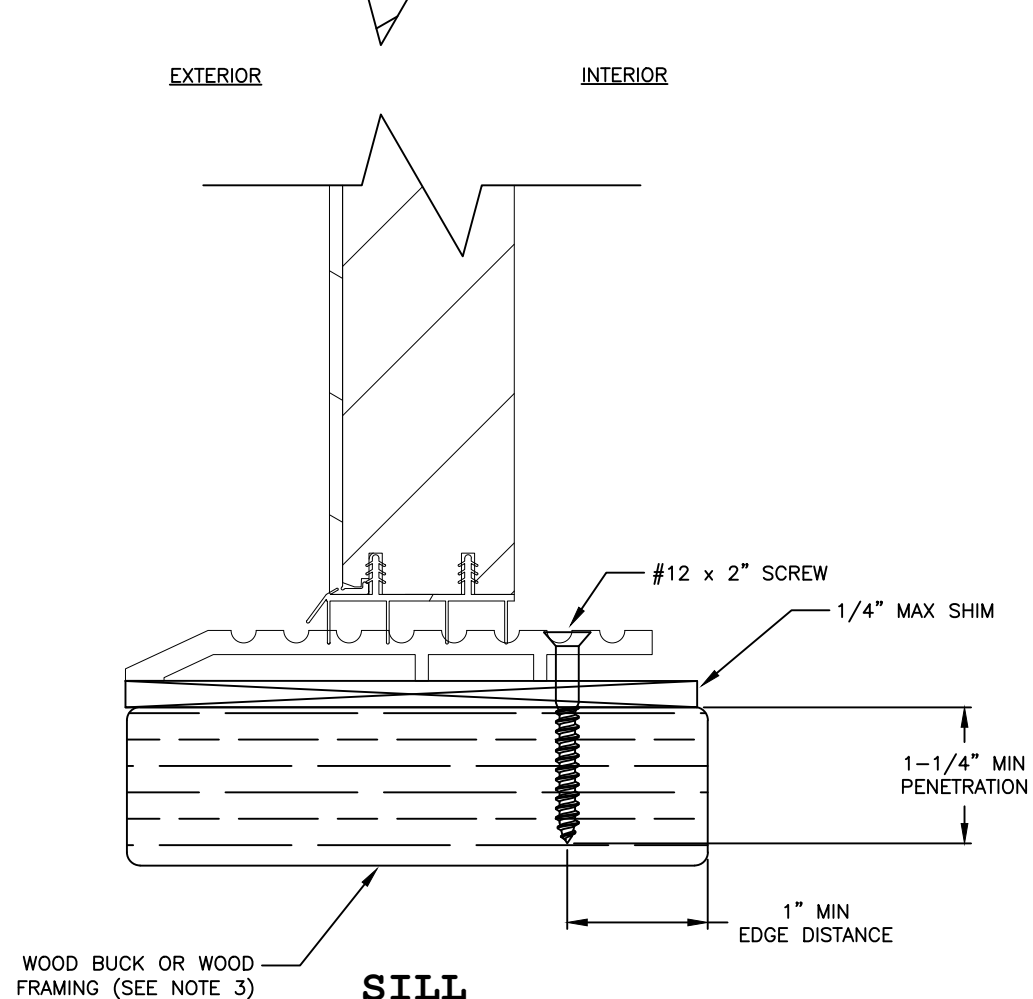
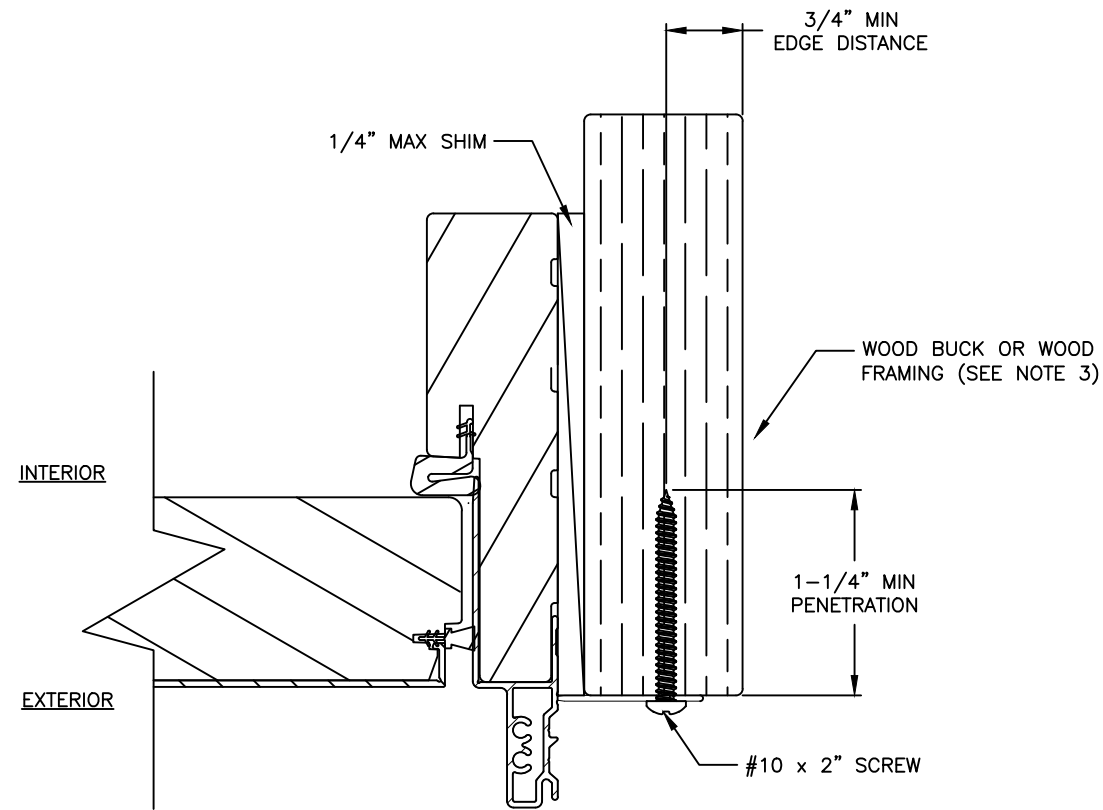
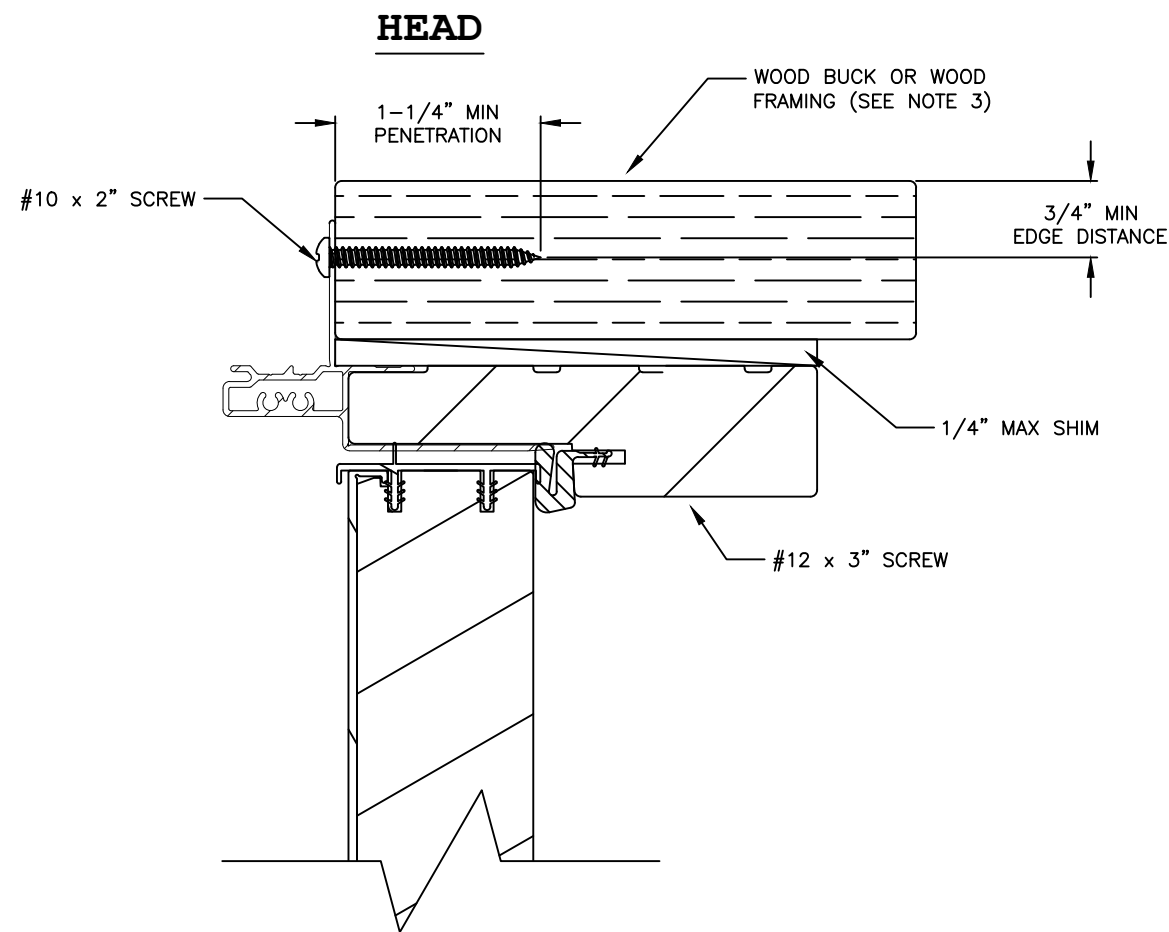
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FL REG 33474  
5 Leigh Dr.  
York, PA 17406  
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**500 Series Outswing Door**  
Frame Installation  
Concrete or CMU with Buck Strip  
**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22



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**500 Series Outswing Door**  
Fin Installation  
Wood

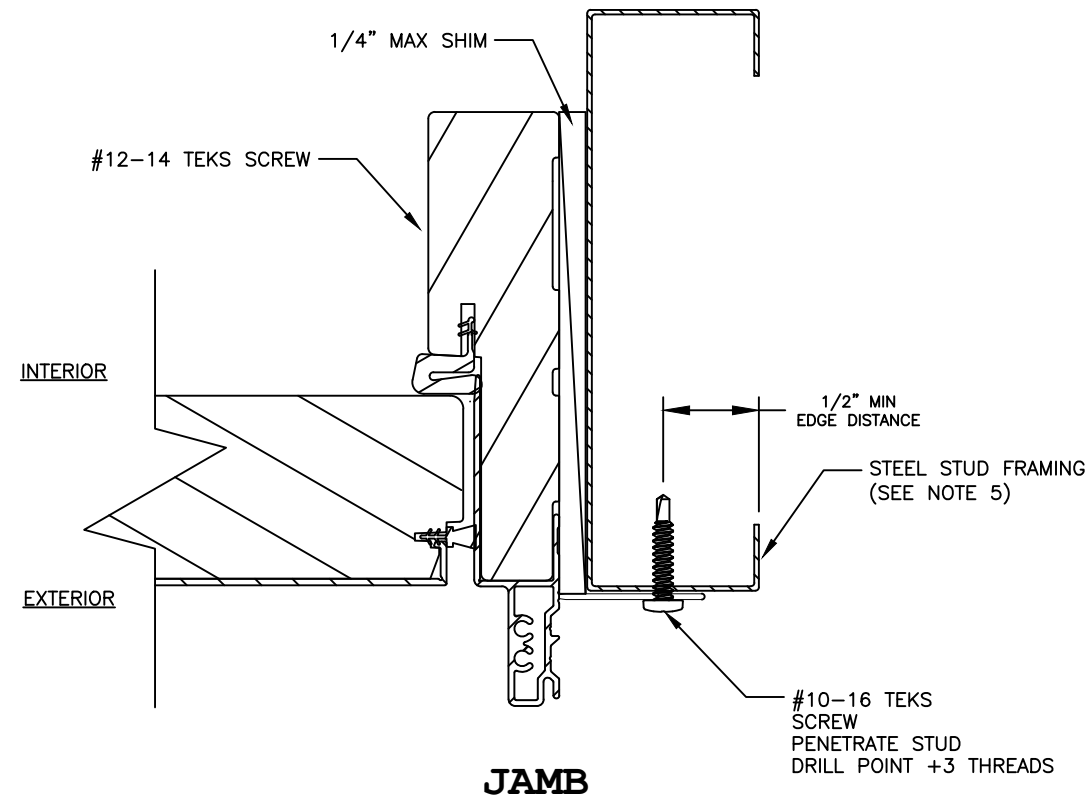
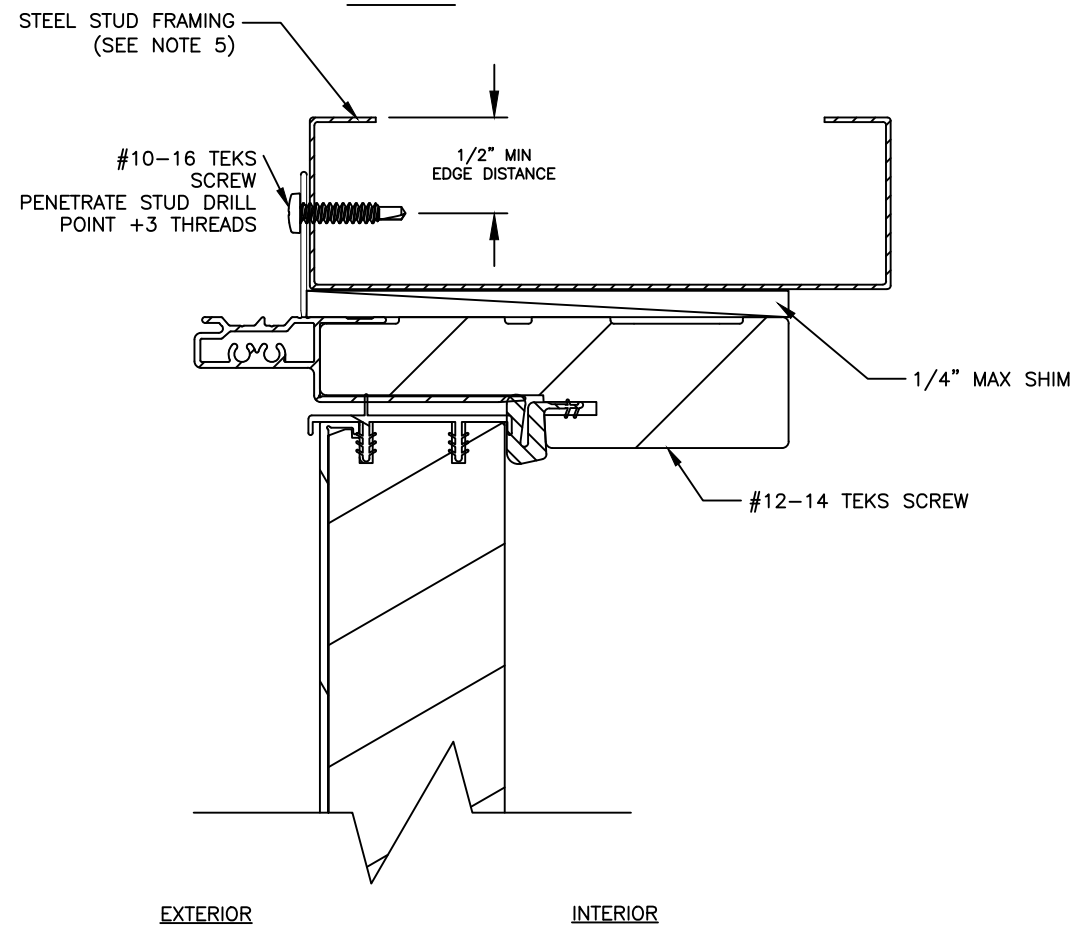
**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

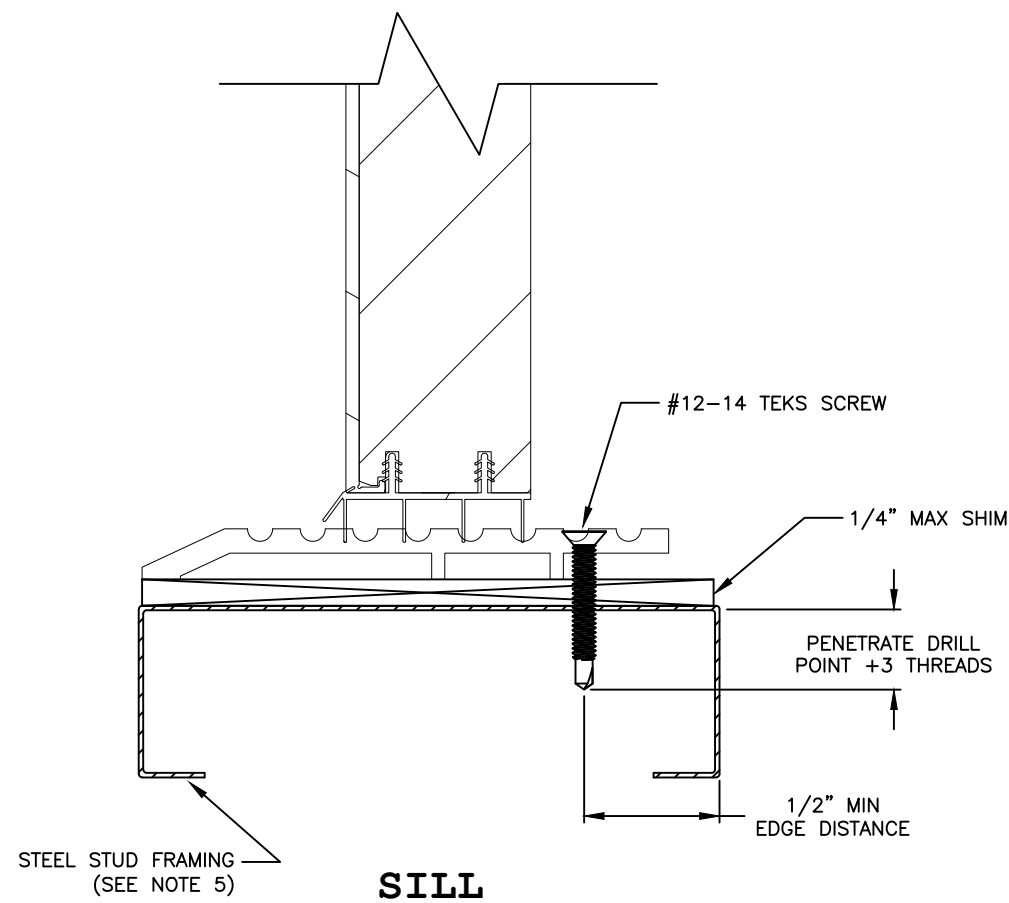
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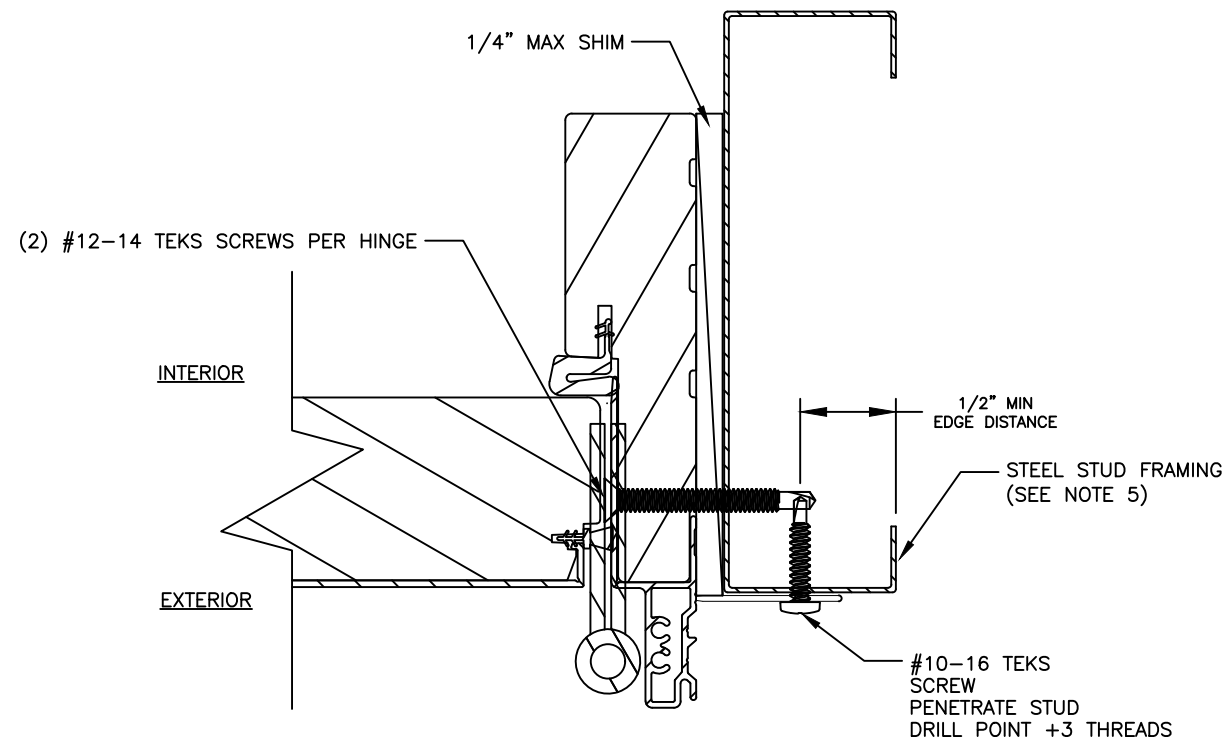
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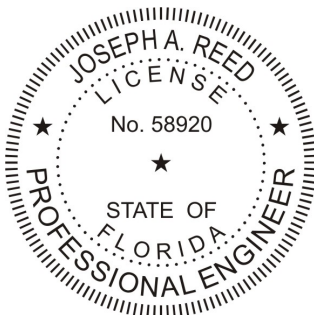
## JAMB



## SILL



## JAMB AT HINGE



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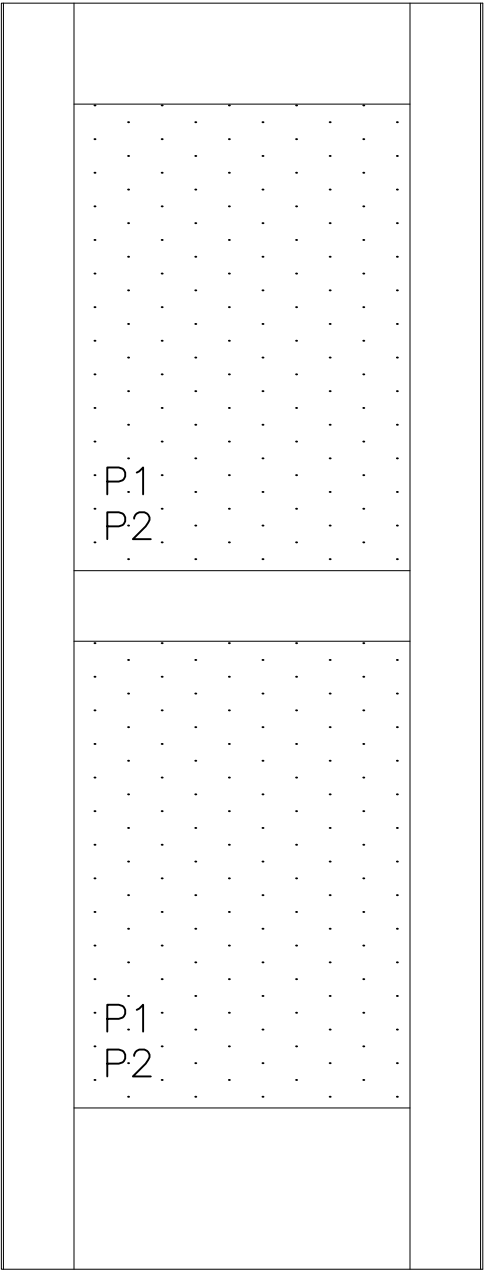
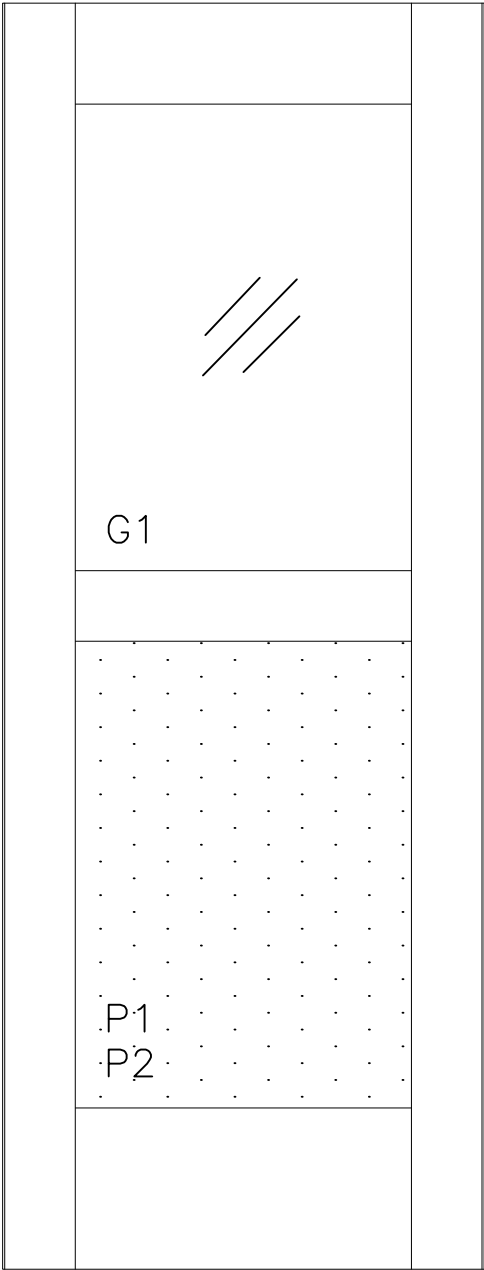
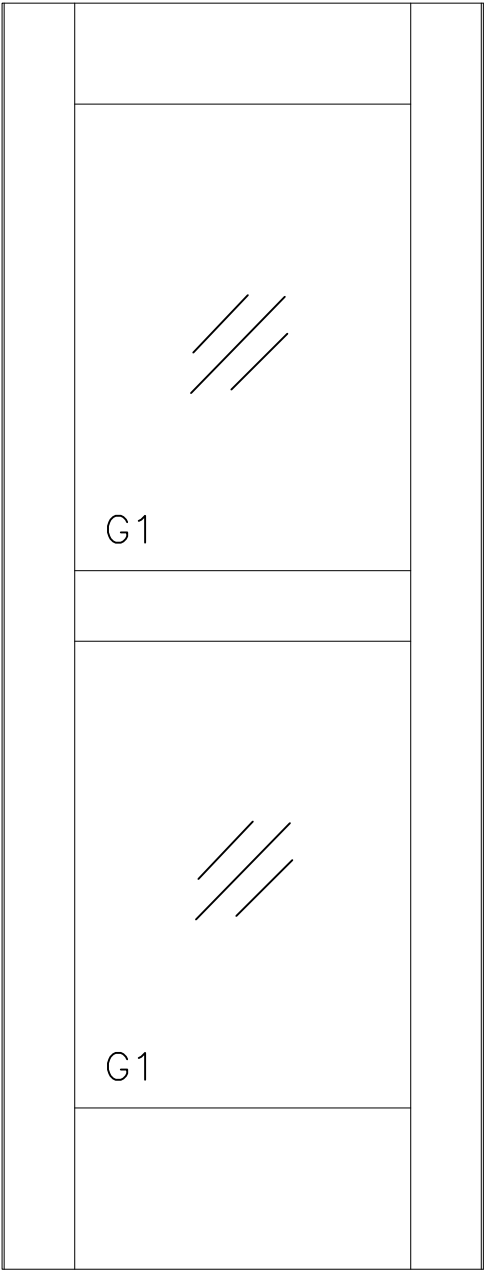
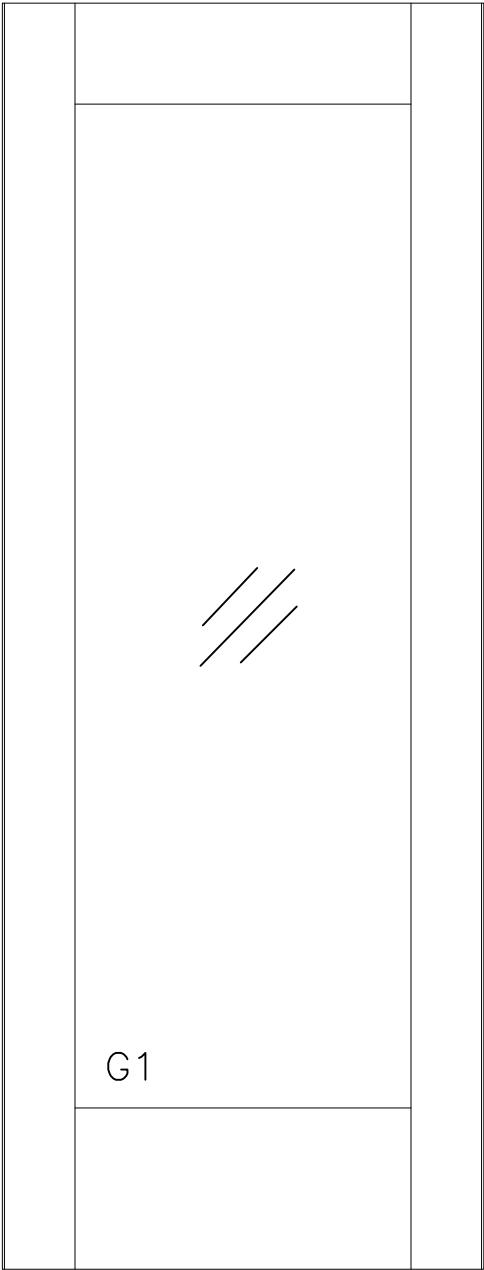
**500 Series Outswing Door**  
Fin Installation  
Steel Stud

**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR Rev: Date: 07/08/22

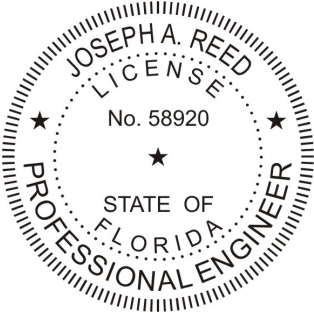
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OPERABLE PANELS AND SIDELITES

SEE SHEET 1 FOR INFILL DETAILS

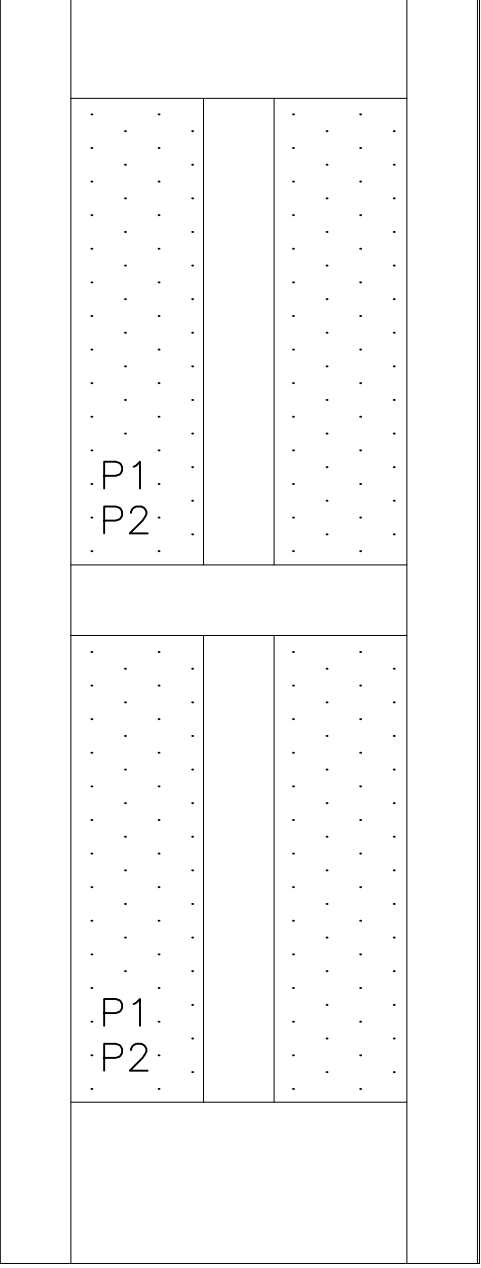
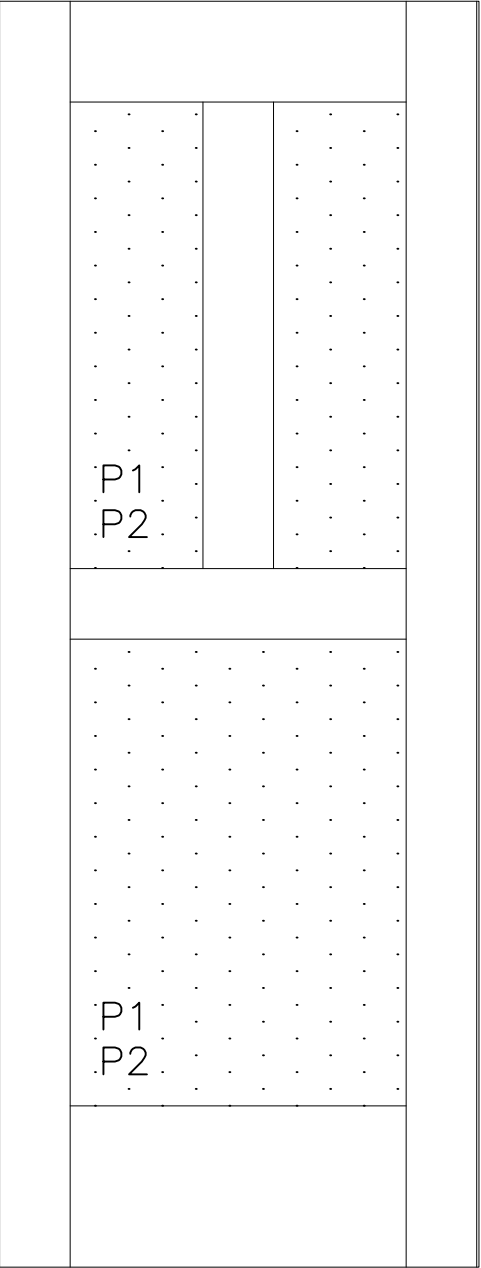
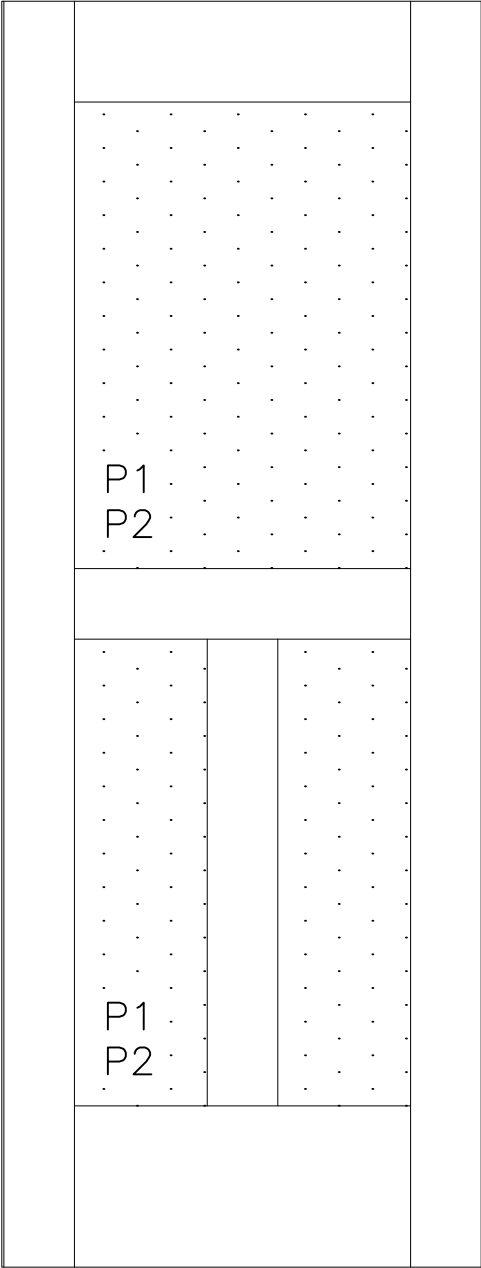
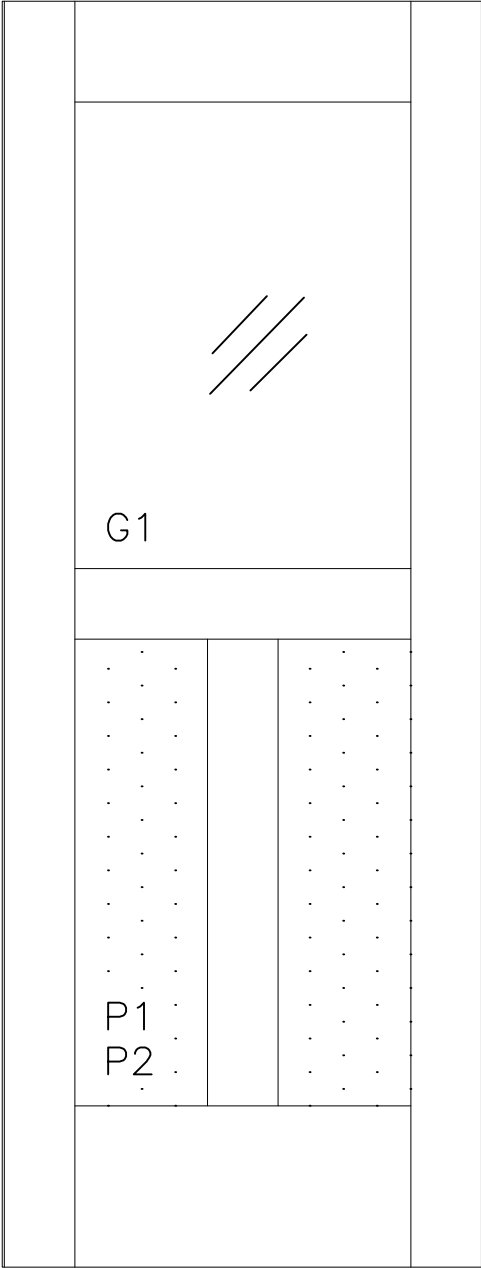


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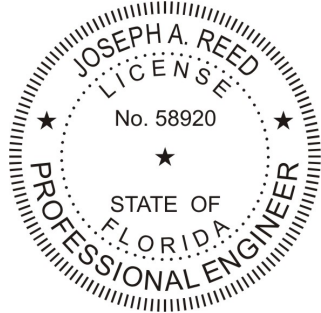
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|                                                                                              |                |
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| 500 Series Outswing Door<br>Panel Configurations                                             |                |
| Frontline Building Products<br>610 Jensen Drive<br>Medford, WI 54451                         |                |
| Drawing No.: 24904-1-1001<br>Project No.: 24904-1<br>Drawn By: JAR    Rev:    Date: 07/08/22 |                |
| Scale: NTS                                                                                   | Sheet 18 of 24 |



OPERABLE PANELS AND SIDELITES  
SEE SHEET 1 FOR INFILL DETAILS

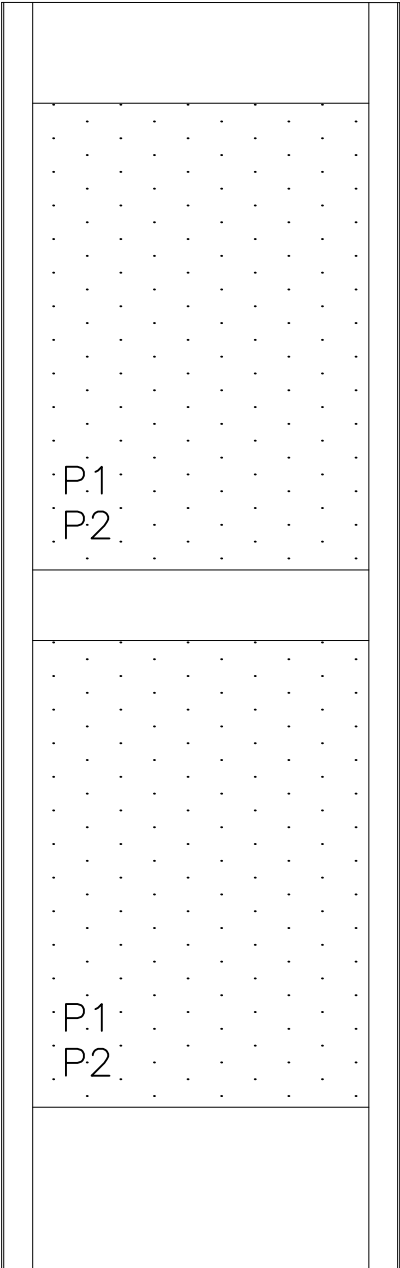
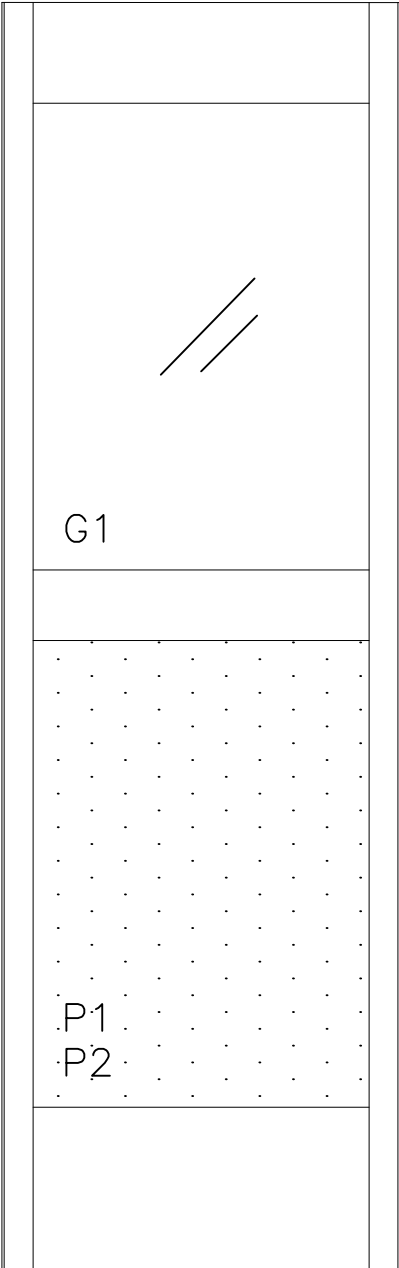
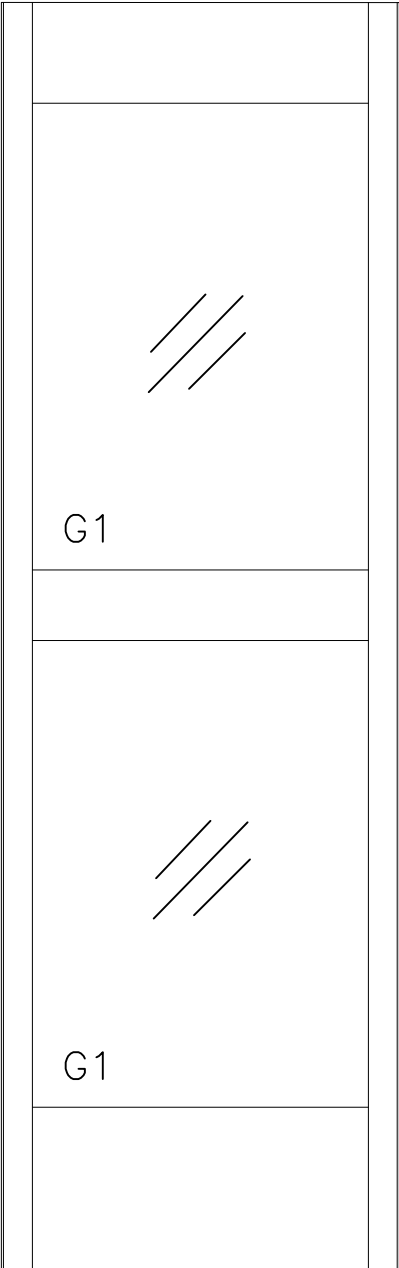
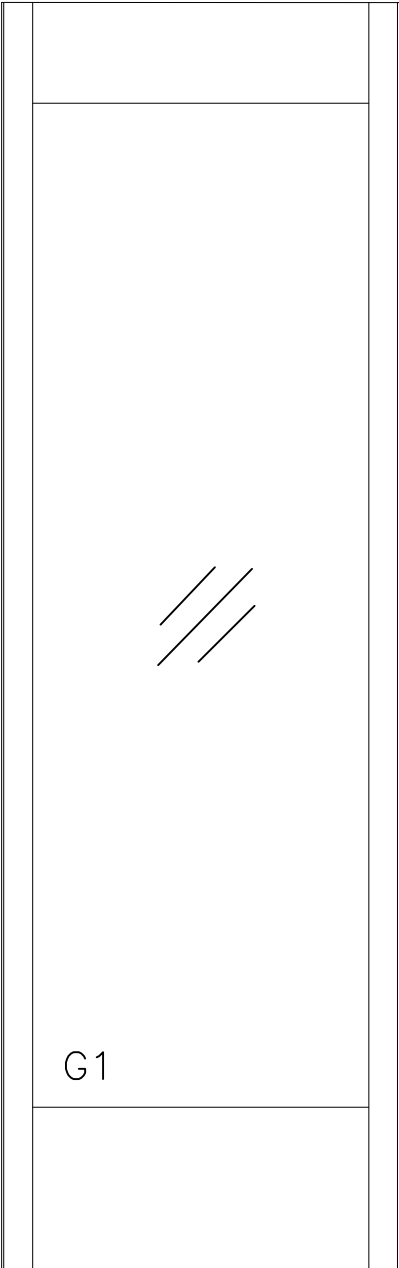


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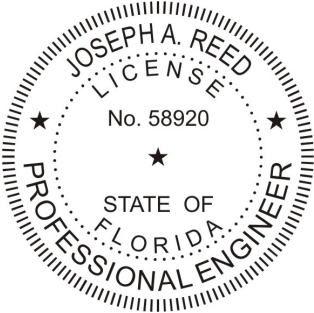
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2022.07.08 08:45:54 -04'00'

|                                                                                              |                |
|----------------------------------------------------------------------------------------------|----------------|
| <b>500 Series Outswing Door</b><br>Panel Configurations                                      |                |
| <b>Frontline Building Products</b><br>610 Jensen Drive<br>Medford, WI 54451                  |                |
| Drawing No.: 24904-1-1001<br>Project No.: 24904-1<br>Drawn By: JAR    Rev:    Date: 07/08/22 |                |
| Scale: NTS                                                                                   | Sheet 19 of 24 |



SIDELITES ONLY  
SEE SHEET 1 FOR INFILL DETAILS

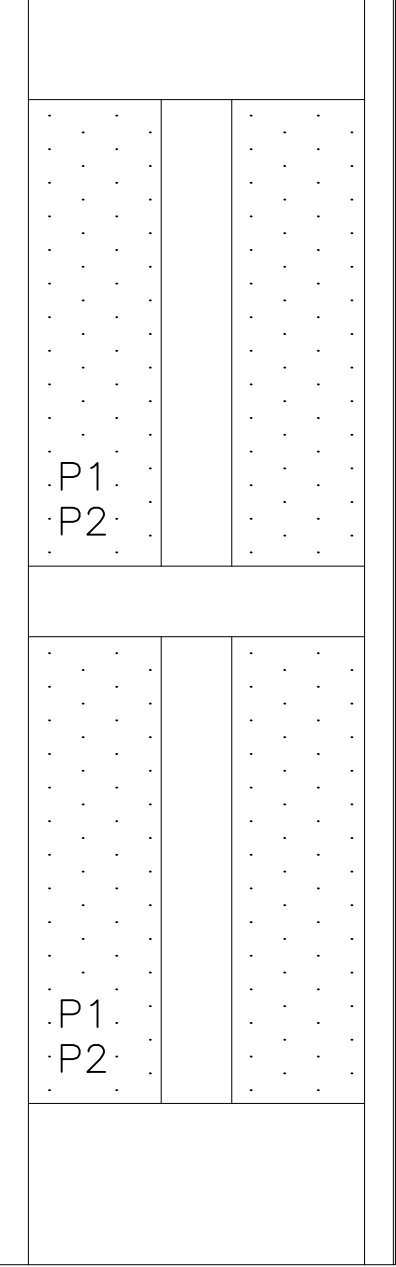
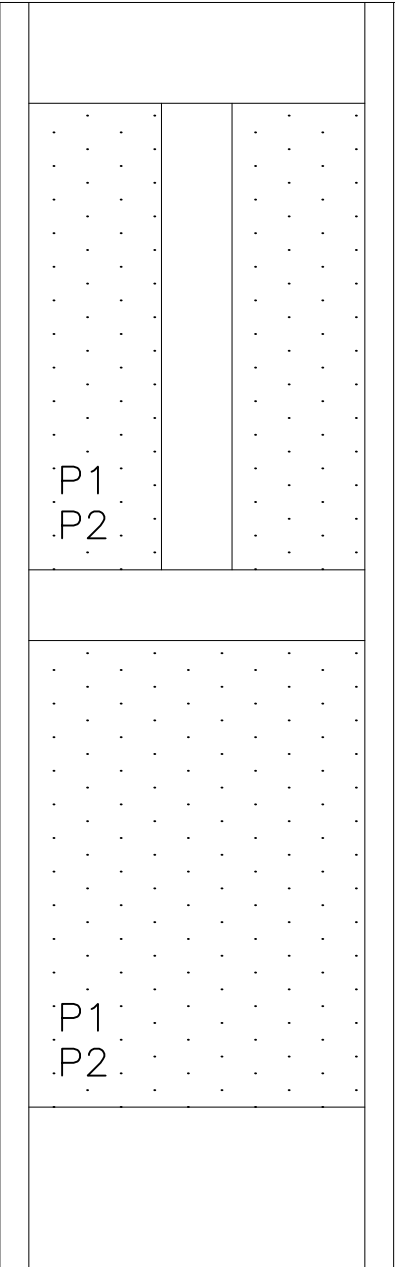
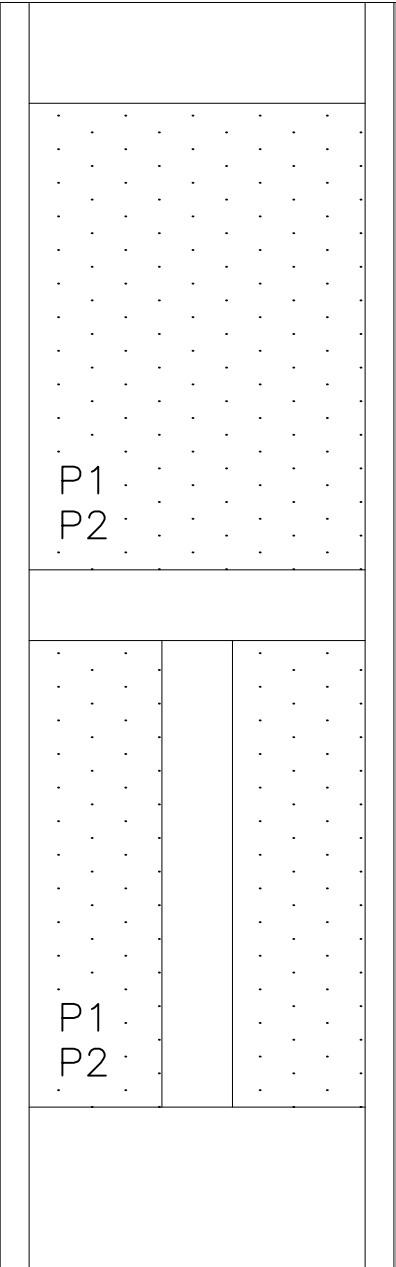
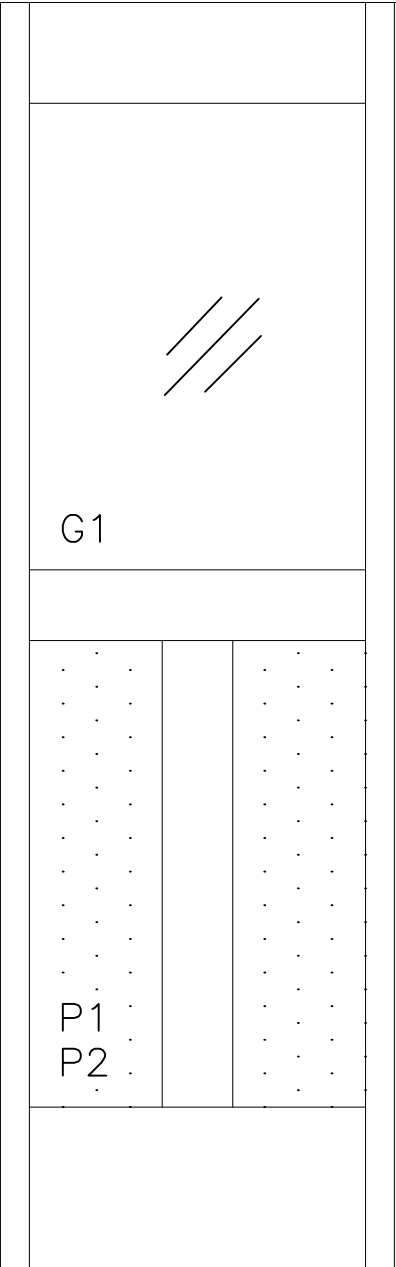


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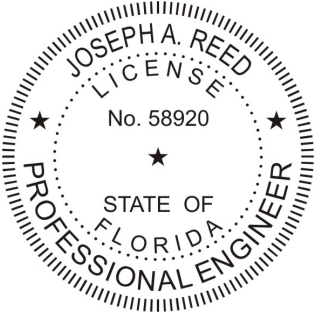
*Joseph A. Reed*

2022.07.08 08:45:54 -04'00'

|                                                                                              |                |
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| 500 Series Outswing Door<br>Panel Configurations                                             |                |
| Frontline Building Products<br>610 Jensen Drive<br>Medford, WI 54451                         |                |
| Drawing No.: 24904-1-1001<br>Project No.: 24904-1<br>Drawn By: JAR    Rev:    Date: 07/08/22 |                |
| Scale: NTS                                                                                   | Sheet 20 of 24 |



SIDELITES ONLY  
SEE SHEET 1 FOR INFILL DETAILS



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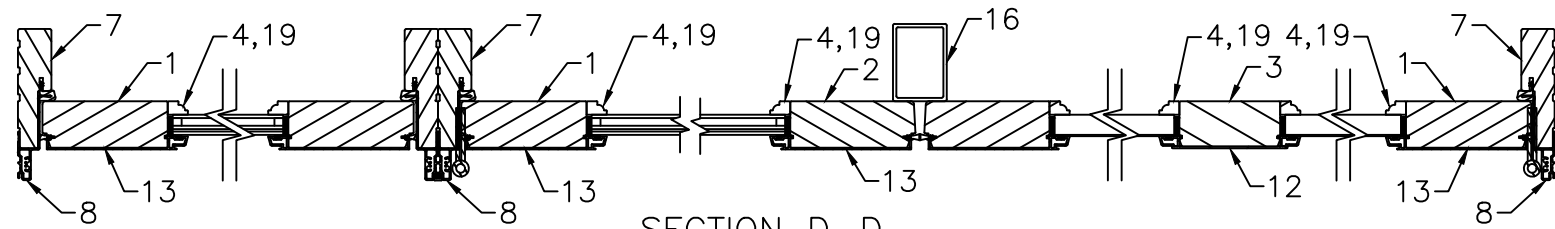
**500 Series Outswing Door**  
Panel Configurations

**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

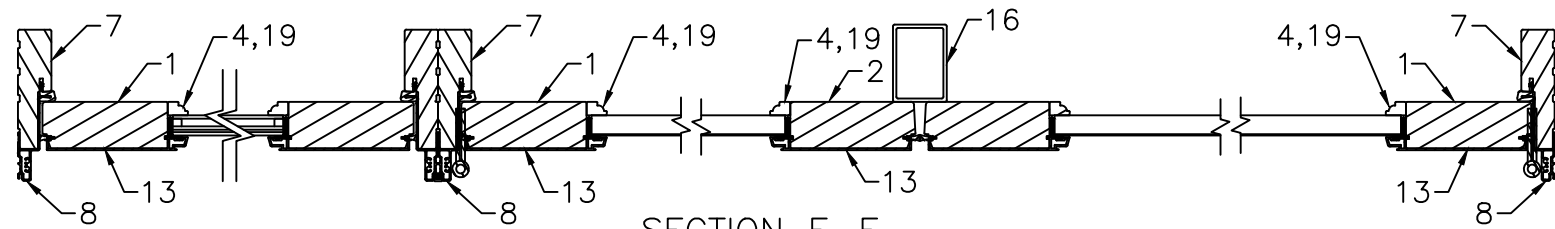
Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR    Rev:    Date: 07/08/22

Scale: NTS

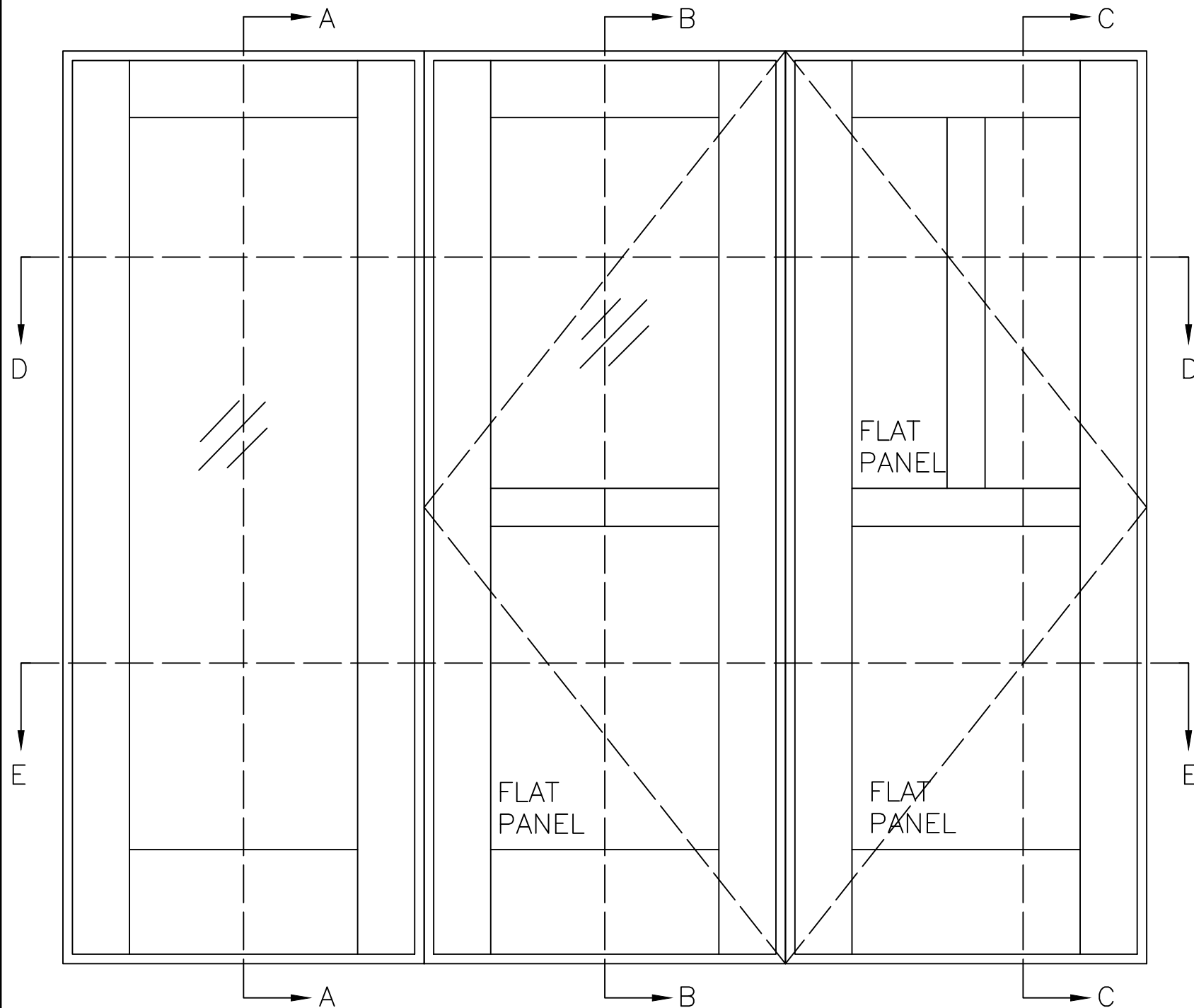
Sheet 21 of 24



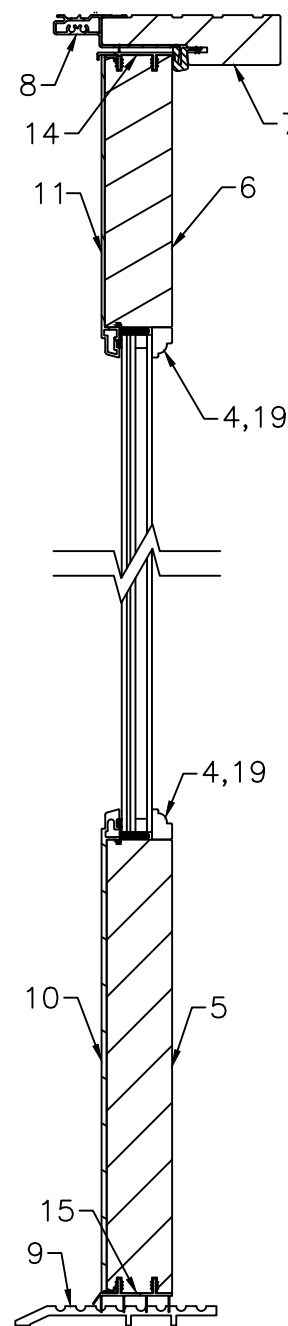
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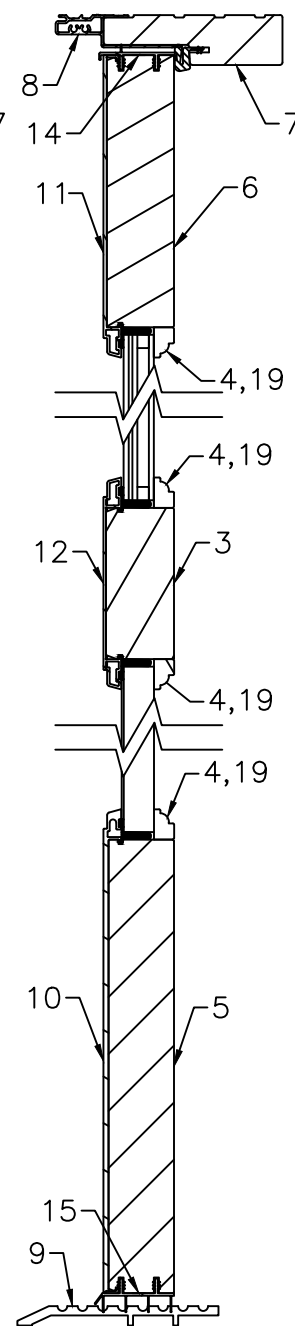
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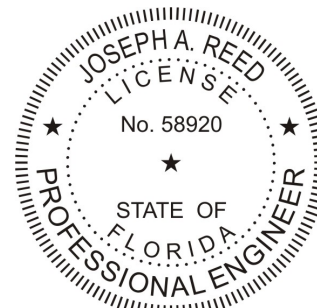
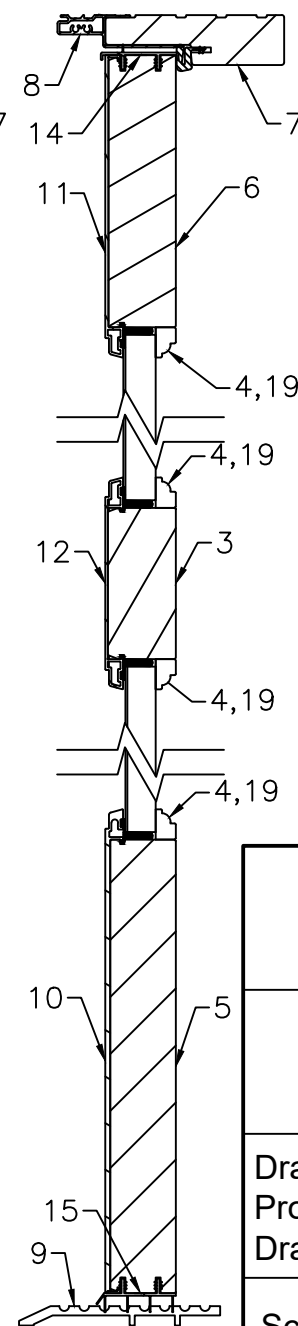
SECTION A-A



SECTION B-B



SECTION C-C



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## 500 Series Outswing Door Sections

### Frontline Building Products

610 Jensen Drive  
Medford, WI 54451

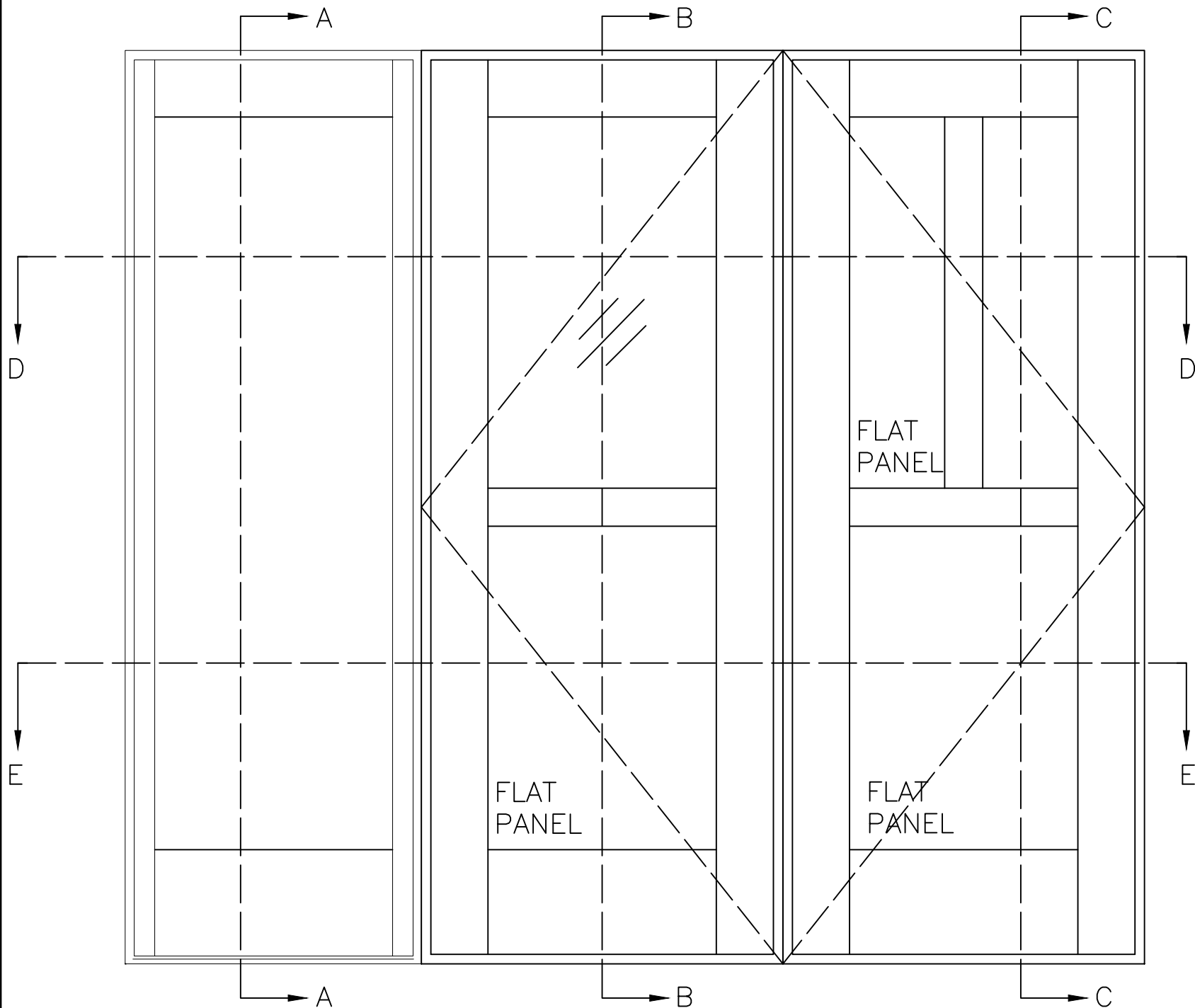
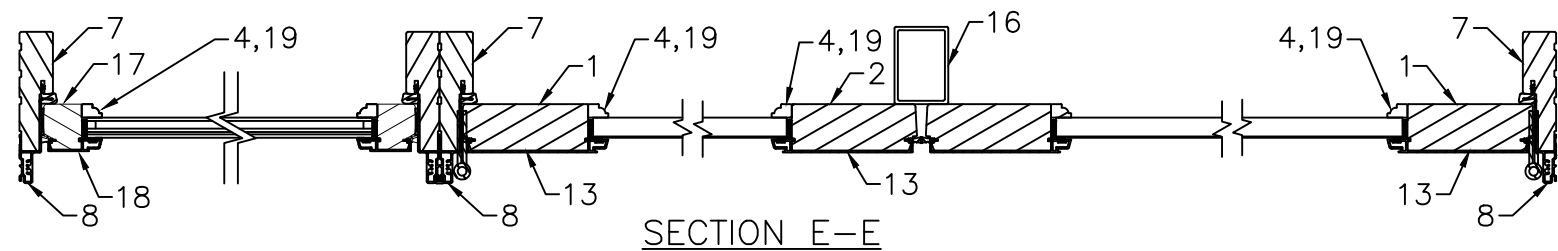
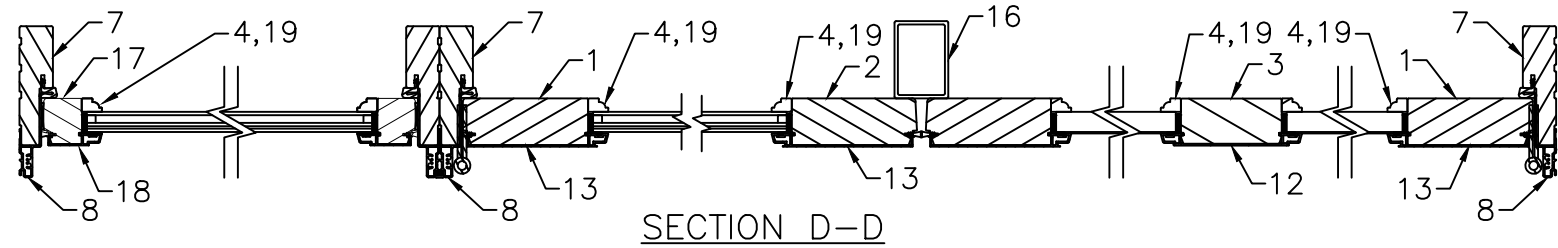
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Project No.: 24904-1

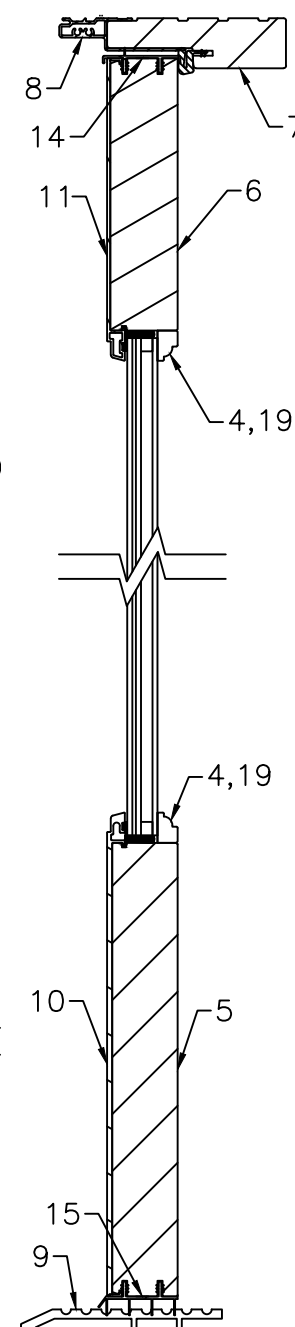
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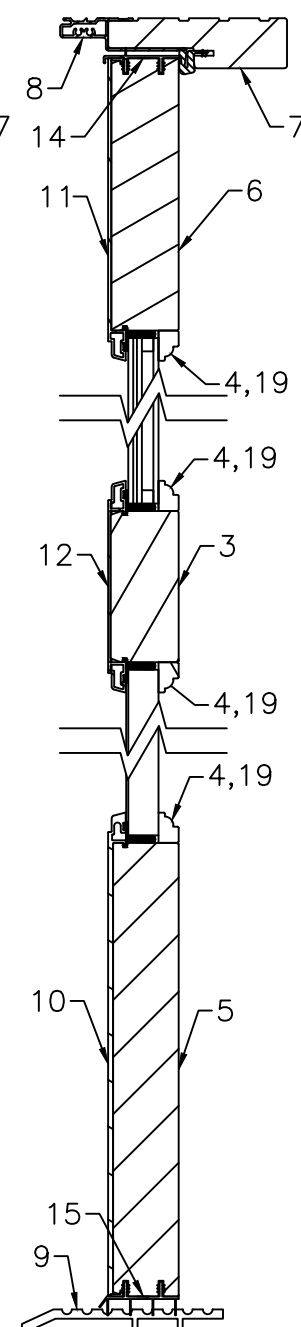
Sheet 22 of 24



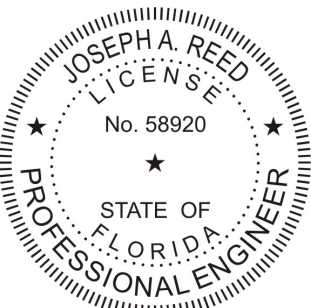
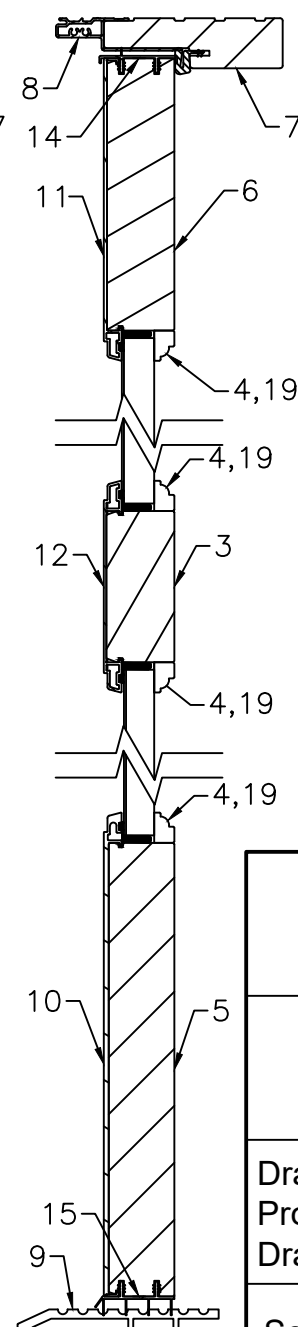
SECTION A-A



SECTION B-B



SECTION C-C



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## 500 Series Outswing Door Sections

### Frontline Building Products

610 Jensen Drive  
Medford, WI 54451

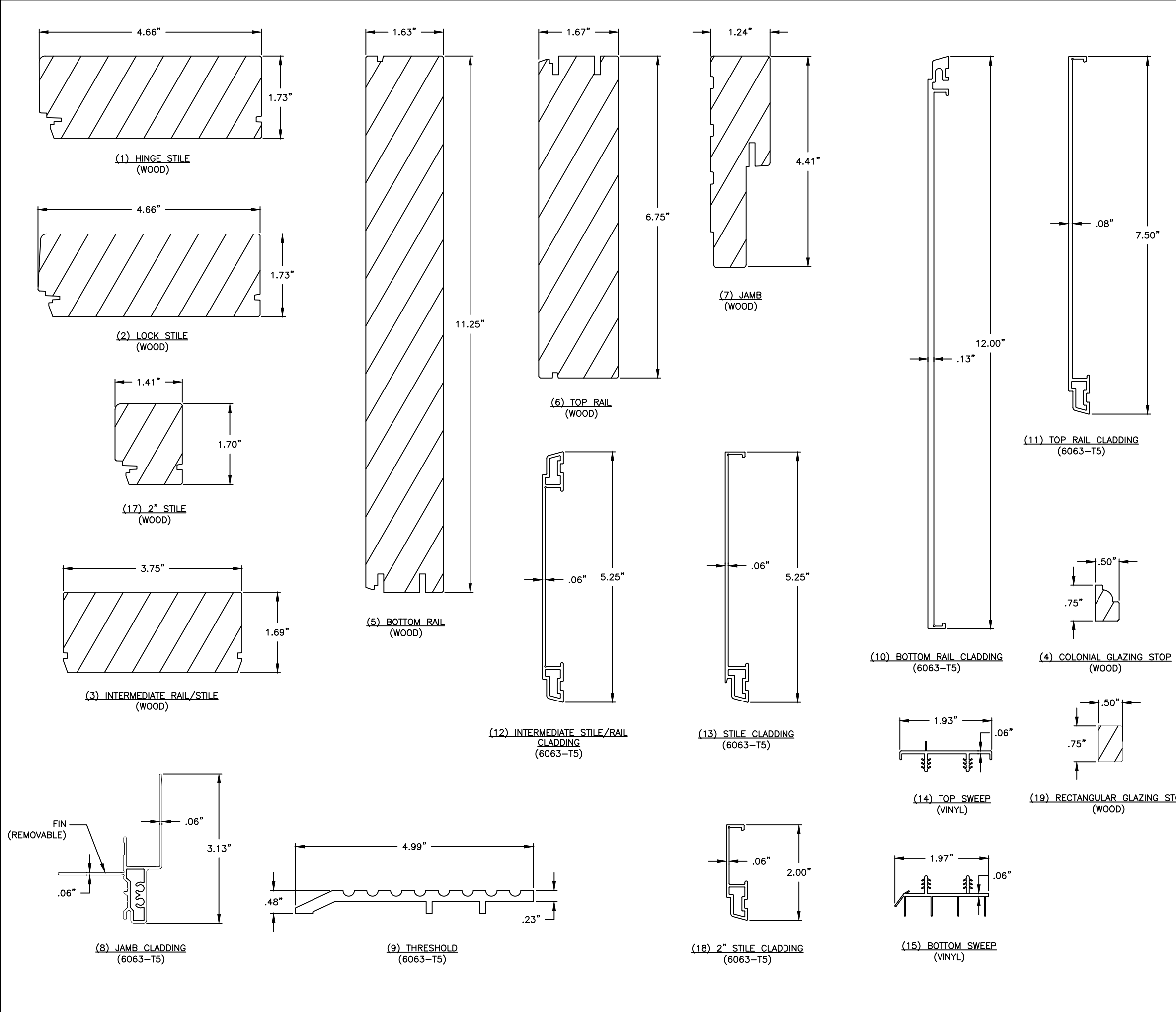
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Project No.: 24904-1

Drawn By: JAR Rev: Date: 07/08/22

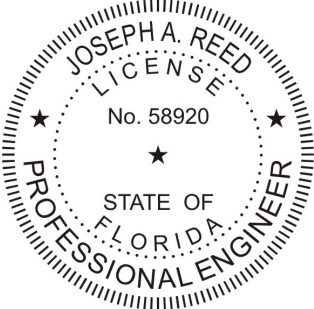
Scale: NTS

Sheet 23 of 24



| BILL OF MATERIALS |                                  |               |
|-------------------|----------------------------------|---------------|
| ITEM              | DESCRIPTION                      | MATERIAL      |
| 1                 | HINGE STILE                      | WOOD          |
| 2                 | LOCK STILE                       | WOOD          |
| 3                 | INTERMEDIATE RAIL/STILE          | WOOD          |
| 4                 | COLONIAL GLAZING STOP            | WOOD          |
| 5                 | BOTTOM RAIL                      | WOOD          |
| 6                 | TOP RAIL                         | WOOD          |
| 7                 | JAMB                             | WOOD          |
| 8                 | JAMB CLADDING                    | 6063-T5 ALUM. |
| 9                 | THRESHOLD                        | 6063-T5 ALUM. |
| 10                | BOTTOM RAIL CLADDING             | 6063-T5 ALUM. |
| 11                | TOP RAIL CLADDING                | 6063-T5 ALUM. |
| 12                | INTERMEDIATE RAIL/STILE CLADDING | 6063-T5 ALUM. |
| 13                | STILE CLADDING                   | 6063-T5 ALUM. |
| 14                | TOP SWEEP                        | VINYL         |
| 15                | BOTTOM SWEEP                     | VINYL         |
| 16                | VON DUPRIN 4954 MULLION          | STEEL         |
| 17                | 2" STILE                         | WOOD          |
| 18                | 2" STILE CLADDING                | 6063-T5 ALUM. |
| 19                | RECTANGULAR GLAZING STOP         | WOOD          |

| HARDWARE                            |        |                                                                   |
|-------------------------------------|--------|-------------------------------------------------------------------|
| ITEM                                | NUMBER | LOCATION                                                          |
| HINGE                               | 4      | 8-1/2" FROM TOP/BOTTOM OF EACH ACTIVE PANEL AND 25-3/4" ON CENTER |
| VON DUPRIN 98/99 RIM EXIT DEVICE    | 2      | ACTIVE AND PASSIVE PANELS                                         |
| RIM EXIT DEVICE STRIKE              | 2      |                                                                   |
| SHOOT BOLTS                         | 2      | TOP OF EACH HINGED PANEL                                          |
| SHOOT BOLTS                         | 2      | BOTTOM OF EACH HINGED PANEL                                       |
| SHOOT BOLT KEEPER                   | 4      | IN FRAME AT EACH SHOOT BOLT                                       |
| WEATHERSTRIPPING                    |        |                                                                   |
| ITEM                                | NUMBER | LOCATION                                                          |
| FOAM-FILLED E-LONG WEATHERSTRIPPING | 1 ROW  | INTERIOR PERIMETER OF FRAME                                       |
| PILE WEATHERSTRIPPING WITH FIN      | 1 ROW  | EACH STILE OF PANEL                                               |
| SNAP-ON SWEEP                       | 1      | TOP RAIL OF PANEL                                                 |
| SNAP ON SWEEP                       | 1      | BOTTOM RAIL OF PANEL                                              |



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**500 Series Outswing Door**  
BOM and Components

**Frontline Building Products**  
610 Jensen Drive  
Medford, WI 54451

Drawing No.: 24904-1-1001  
Project No.: 24904-1  
Drawn By: JAR    Rev:    Date: 07/08/22

Scale: NTS    Sheet 24 of 24