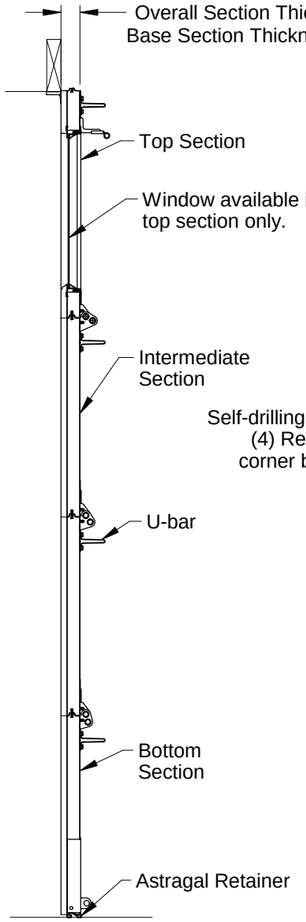
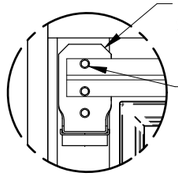
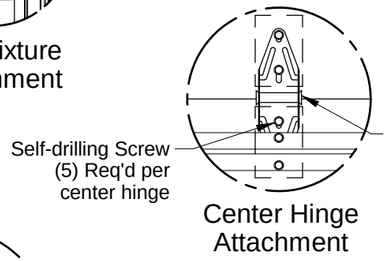
P-2808-B



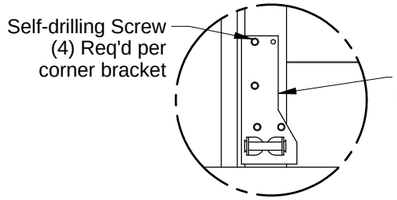

Section A-A



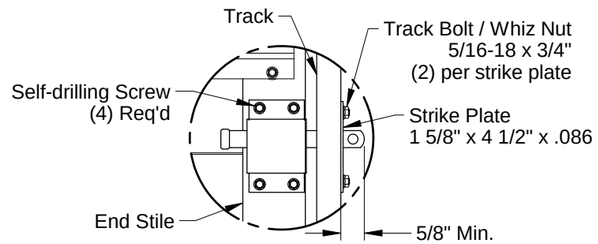

Top Fixture Attachment



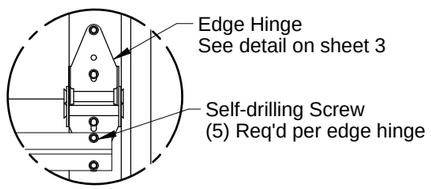

Center Hinge Attachment



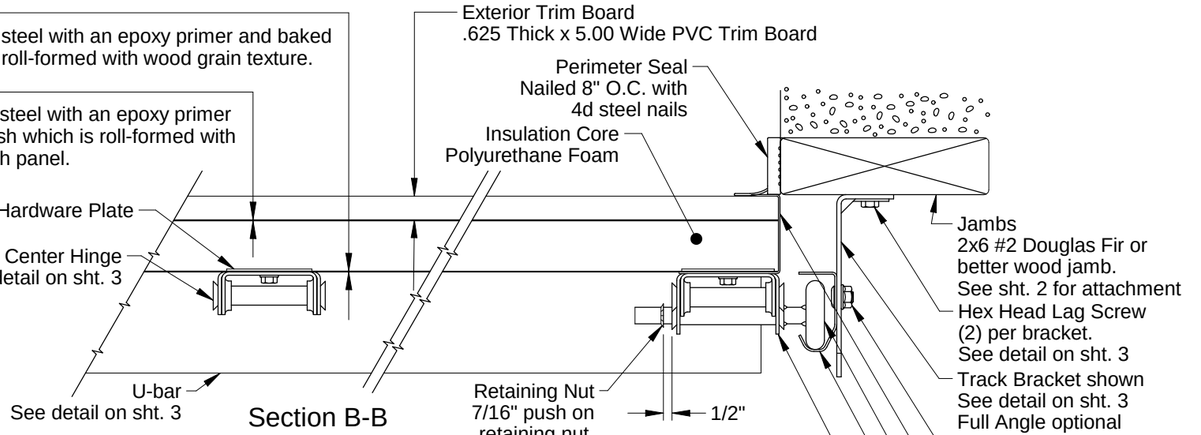

Corner Bracket Attachment



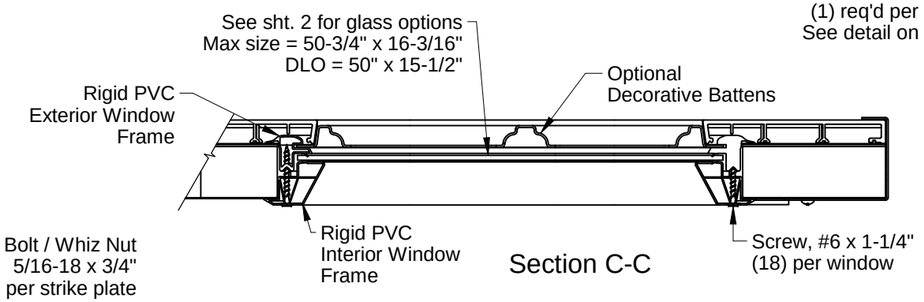

Optional Interior Lock Attachment



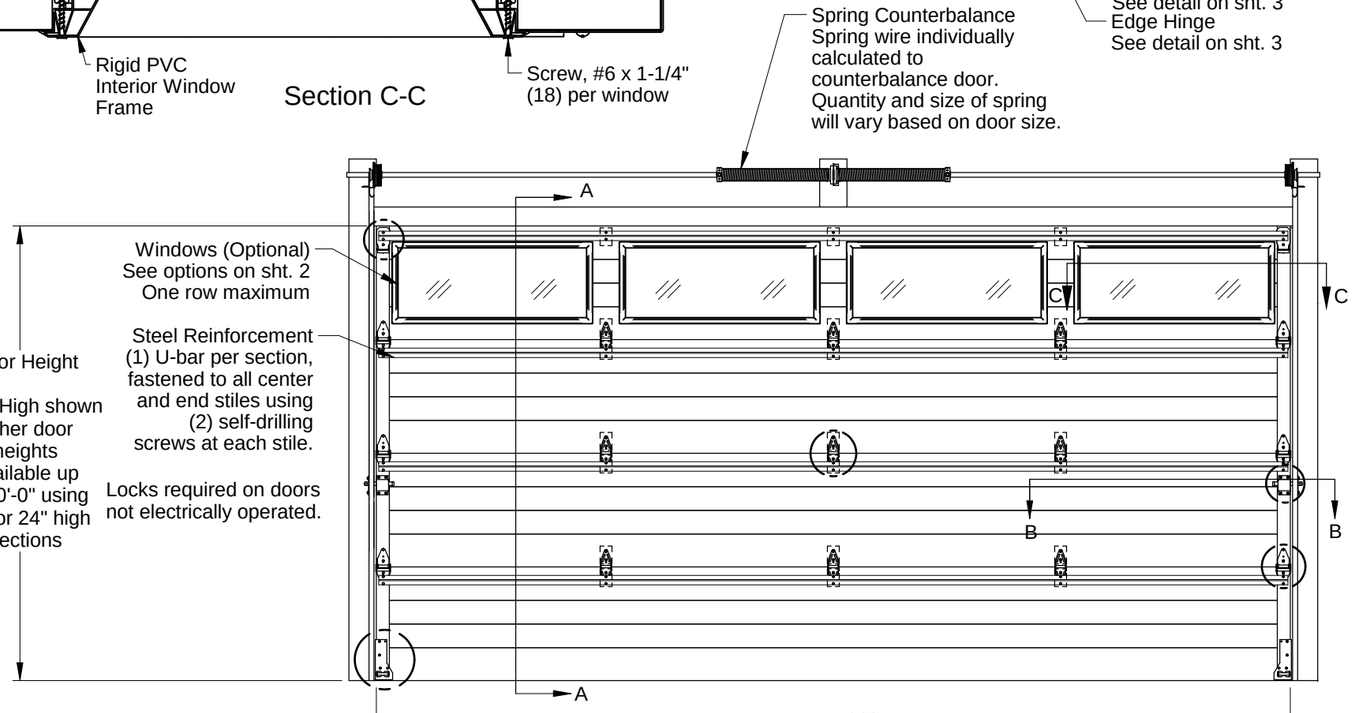

Edge Hinge Attachment




Section B-B



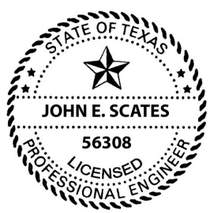

Section C-C




Interior Elevation

Doors tested per ANSI/DASMA 108 for static air pressure

| Maximum Door Width | Hinges per Section | Design Loads | |
|---|---|---|---|
| 8'-0" | 1 | 37.1 | -41.2 |
| 9'-0" | 1 | 33.0 | -36.6 |
| 10'-0" | 1 | 29.7 | -33.0 |
| 12'-0" | 2 | 24.4 | -27.2 |
| 14'-0" | 2 | 20.9 | -23.3 |
| 16'-0" | 3 | 18.3 | -20.4 |




John E. Scates
2560 King Arthur Blvd, Ste 124-54
Lewisville, TX 75056
FL PE #51737
TX PE #56308-f2203

Digitally signed by John E. Scates P.E.
Date: 2019.12.09 16:48:28 -06'00'

Professional Engineer's seal provided only for verification of wind load construction details

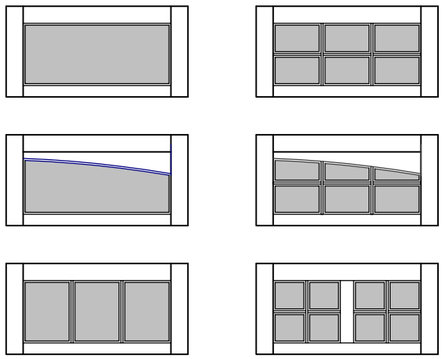
| Rev. | Description | ECO | Date |
|---|---|---|---|
| B | Removed vent option on sheet 1. | 7679.02 | 12/09/19 |
| A | New release for production. | 7679.01 | 01/07/19 |

Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 01/07/19
ECO: 7679.01

RAYNOR
1101 East River Road
Dixon, IL. 61021

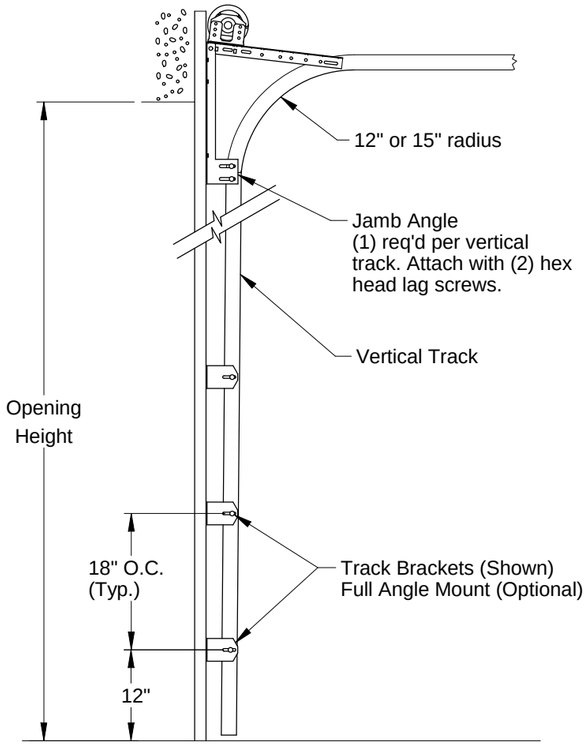
Title: Spec, Wind Load RockCreeke

No. P-2808 | Sheet 1 of 3 | Rev B



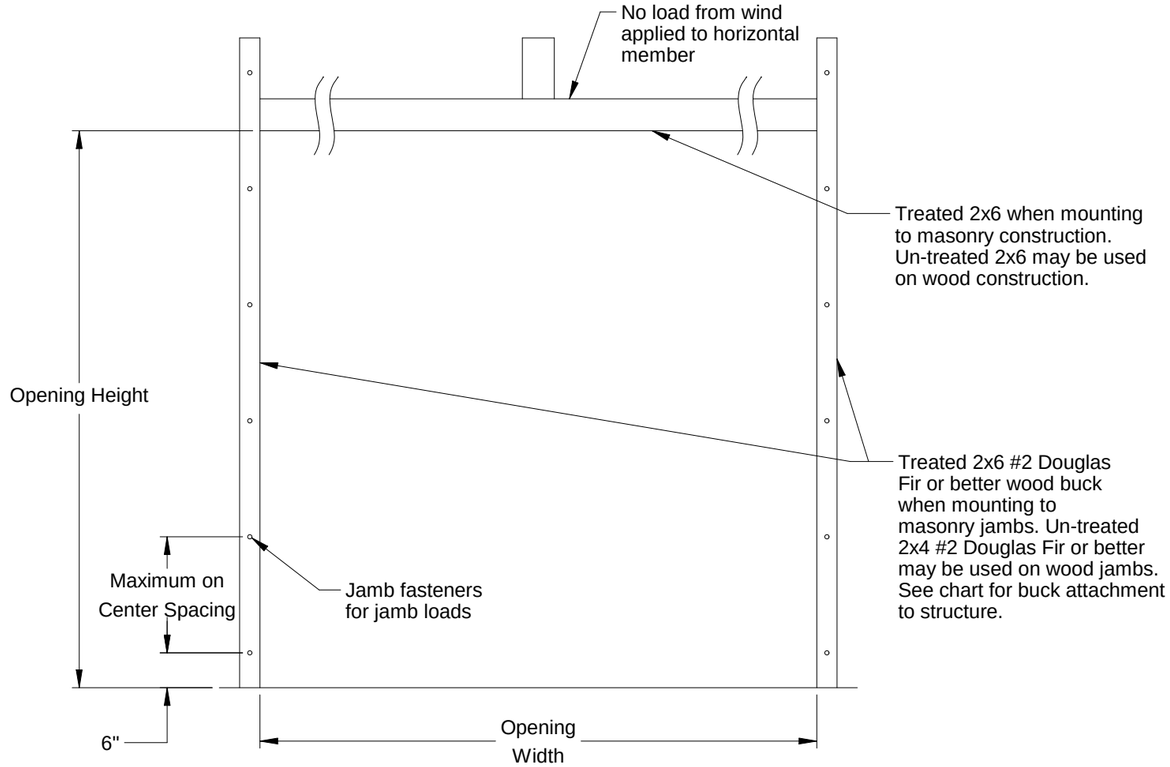
## Window Options

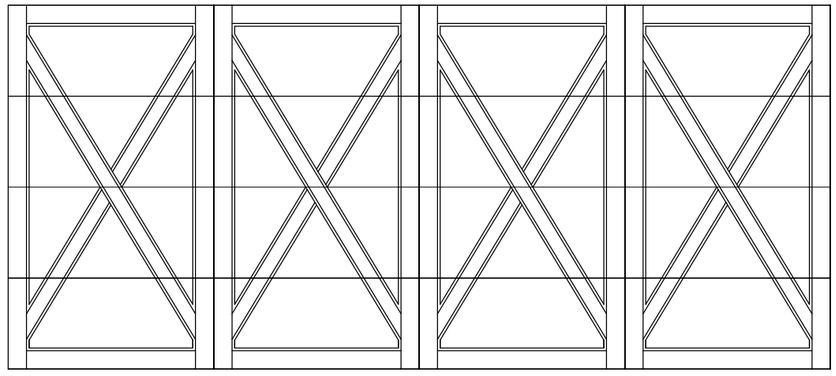
1/8" DSB
1/2" Insulated DSB
3/16" Water Glass
1/2" Insulated Water Glass




## Typical Track Installation

Normal headroom track shown, low headroom,
lift clearance and verical lift track available



## Exterior Elevation

Flush section with decorative trim boards.
Arrangement of boards will vary based on
design, cross bucks shown.

Jamb Attachment Notes:

1. Maximum Positive Load per Jamb = (10'-0" x 29.7 PSF) / 2 = 149 lbs. per foot.
2. Maximum Negative Load per Jamb = (10'-0" x -33.0 PSF) / 2 = 165 lbs. per foot.
3. Design of the supporting structure shall be the sole responsibility of the building designer and shall be designed for the jamb loads listed in notes 1 and 2.
4. Alternate jamb attachments may be used if approved by a registered Professional Engineer.
5. DASMA Technical Data Sheet TDS-161 may be used for alternate jamb attachments.
6. 3/8" diameter lag screws required 1/16" pilot hole and 1-1/2" minimum required distance.

**2x6 Attachment to Structure**

| Structure Type | Fastener Type | Minimum Embedment | Minimum Edge Distance | Minimum on Center Spacing | Maximum on Center Spacing | Allowable Tension Load |
|---|---|---|---|---|---|---|
| 2500 PSI Min. Concrete | 1/4" Tapcon+ (Plus) with 1-1/8' OD Washer | 2" | 2.5 | 6" | 24" | 526 |
| Southern Pine | 3/8" x 3" Lag with 1-1/8" OD Washer | 1.50" | 1.50" | 1.50" | 24" | 655 |
| Spruce Pine Fir | 3/8" x 3" LAG with 1-1/8" OD Washer | 1.50" | 1.50" | 1.50" | 24" | 482 |


John E. Scates
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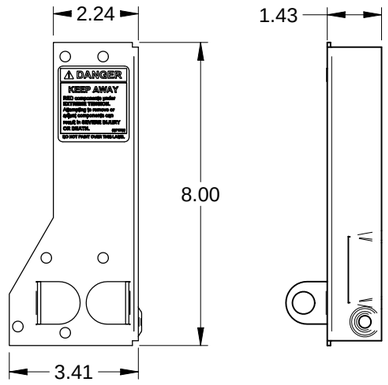
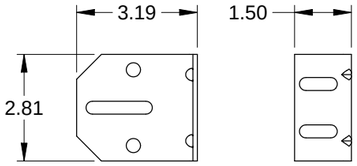
| | | | |
|---|---|---|---|
| Scale: None | RAYNOR | Title: Spec, Wind Load RockCreeke | |
| Drawn by: R. Frey | 1101 East River Road Dixon, IL. 61021 | | |
| Checked by: G. Wedekind | | No. P-2808 | Sheet 2 / Rev B |
| Date: 01/07/19 | | | |
| ECO: 7679.01 | | | |

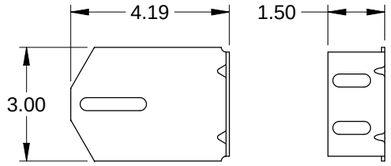
P-2808-B



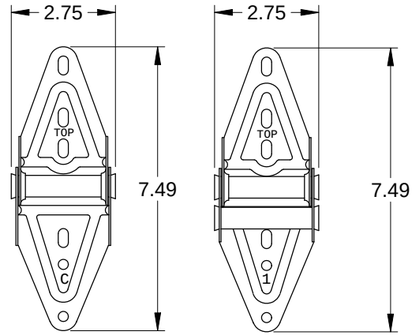

Corner Bracket
.086 Galv. Steel




3" Track Bracket
.116 Galv. Steel



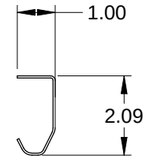

4" Track Bracket
.116 Galv. Steel



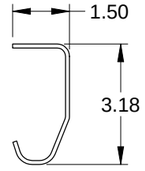

Center Hinge
.045 Galv. Steel



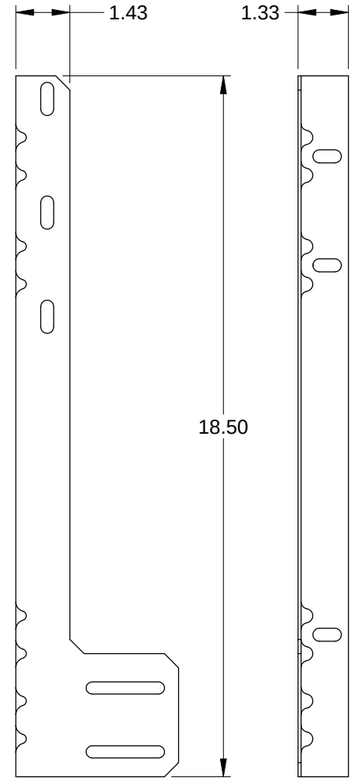

Edge Hinge
.086 Galv. Steel



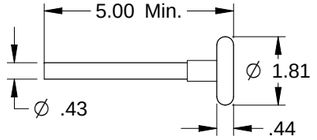

2" Track
.055 Galv. Steel



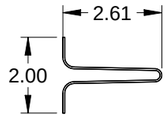

3" Track (Optional)
.105 Galv. Steel



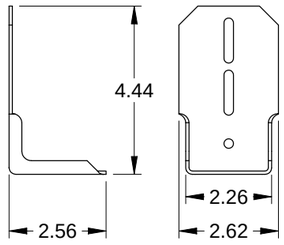

Jamb Angle
.078 Galv. Steel



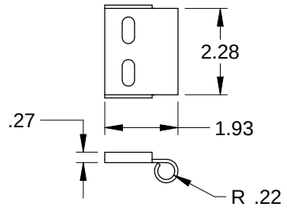

2" Roller
Nylon 11-ball (Std.)
Steel 10-ball (Opt.)



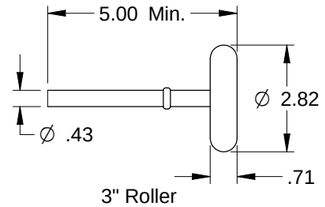

Steel U-bar
18 Ga. (.049 min.) Galvanized
High Tensil Steel
80 KSI Minimum Yield



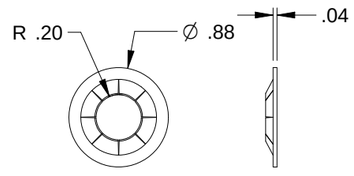

Top Fixture
.086 Galv. Steel



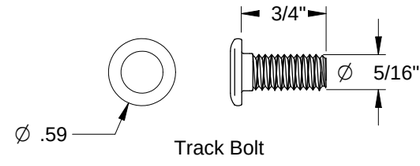

Roller Carrier
.116 Galv. Steel
Attached to Top Fixture
w/(2) Track Bolts and Whiz Nuts



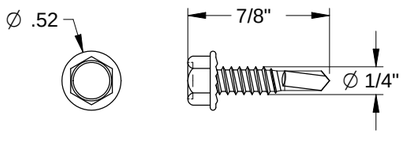

3" Roller
Steel 10-ball (Opt.)



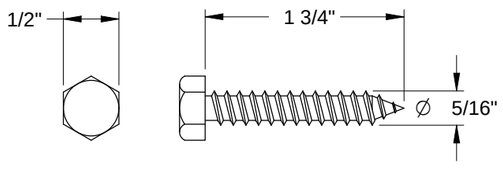

Retaining Nut



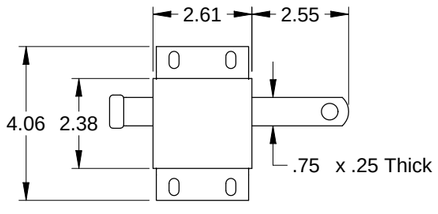

Track Bolt



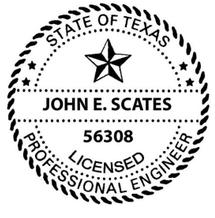

Self-Drilling Screw




Hex Head Lag Screw




Slide Lock
Case .086 Galv. Steel

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Professional Engineer's seal provided only for verification of wind load construction details

| | | | |
|---|---|---|---|
| Scale: None | RAYNOR<br>1101 East River Road<br>Dixon, IL. 61021 | Title: Spec, Wind Load RockCreeke | |
| Drawn by: R. Frey | | | |
| Checked by: G. Wedekind | | | |
| Date: 01/07/19 | | No. P-2808 | Sheet 3 / Rev B |
| ECO: 7679.01 | | | |