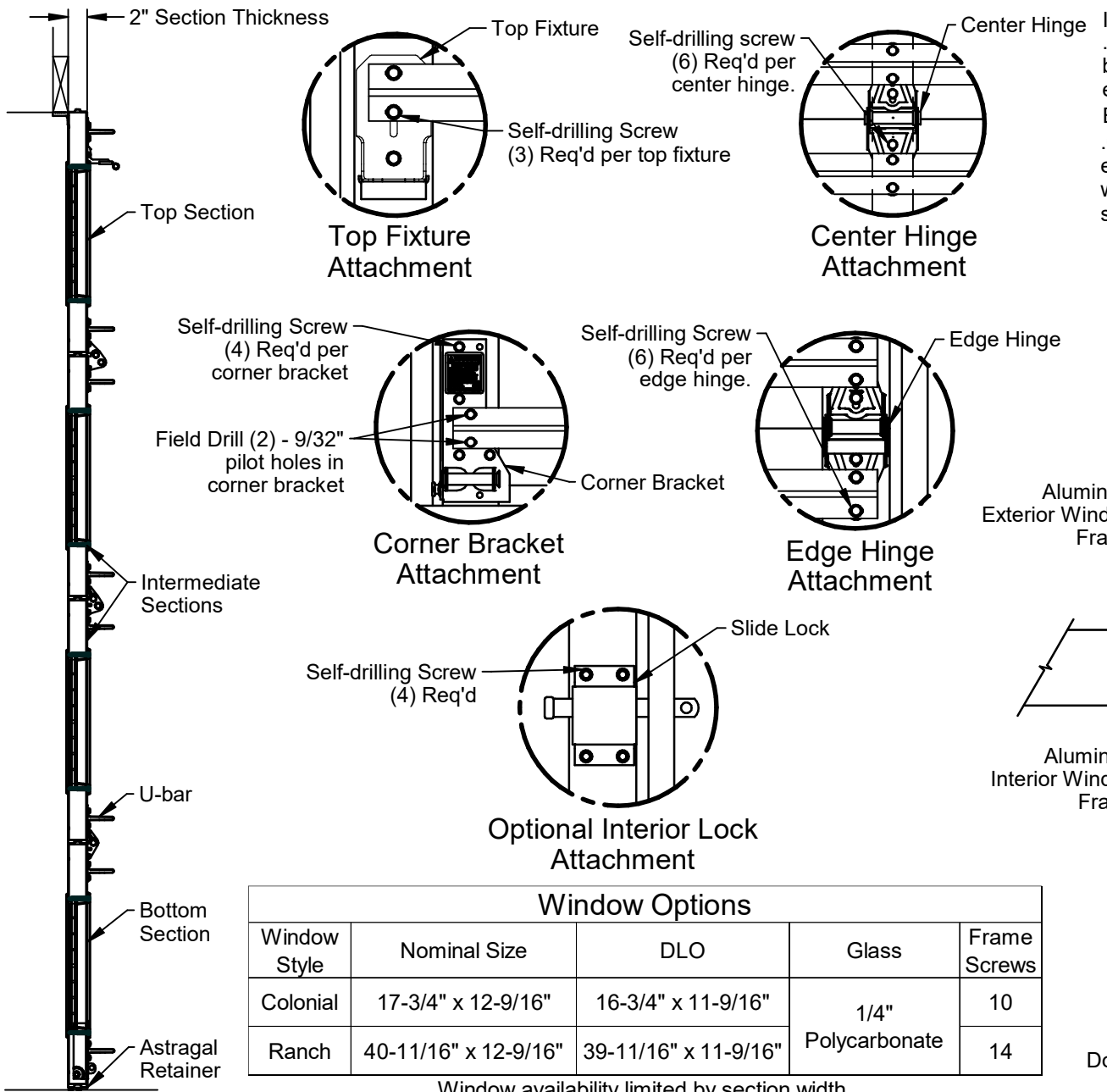




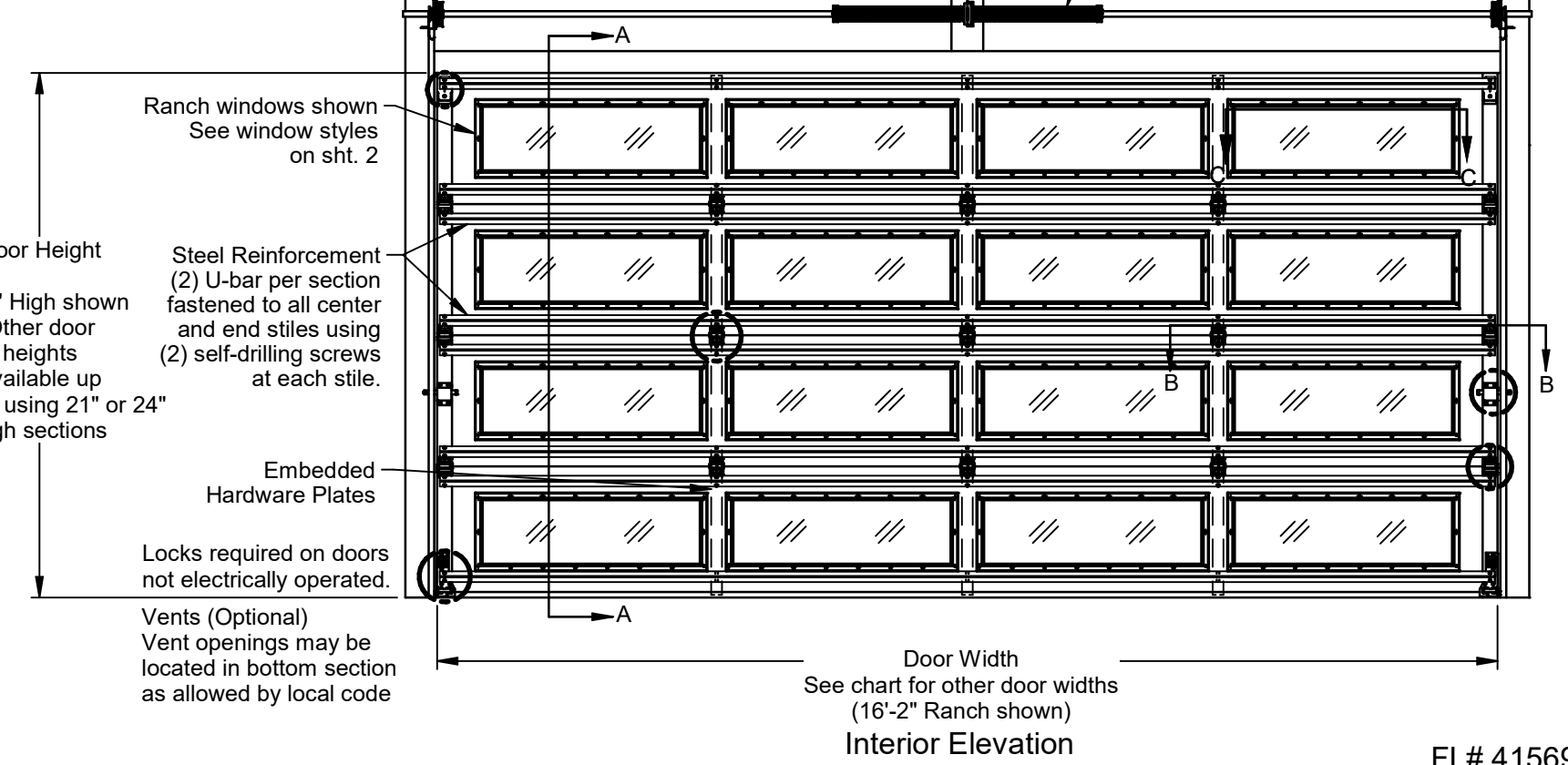
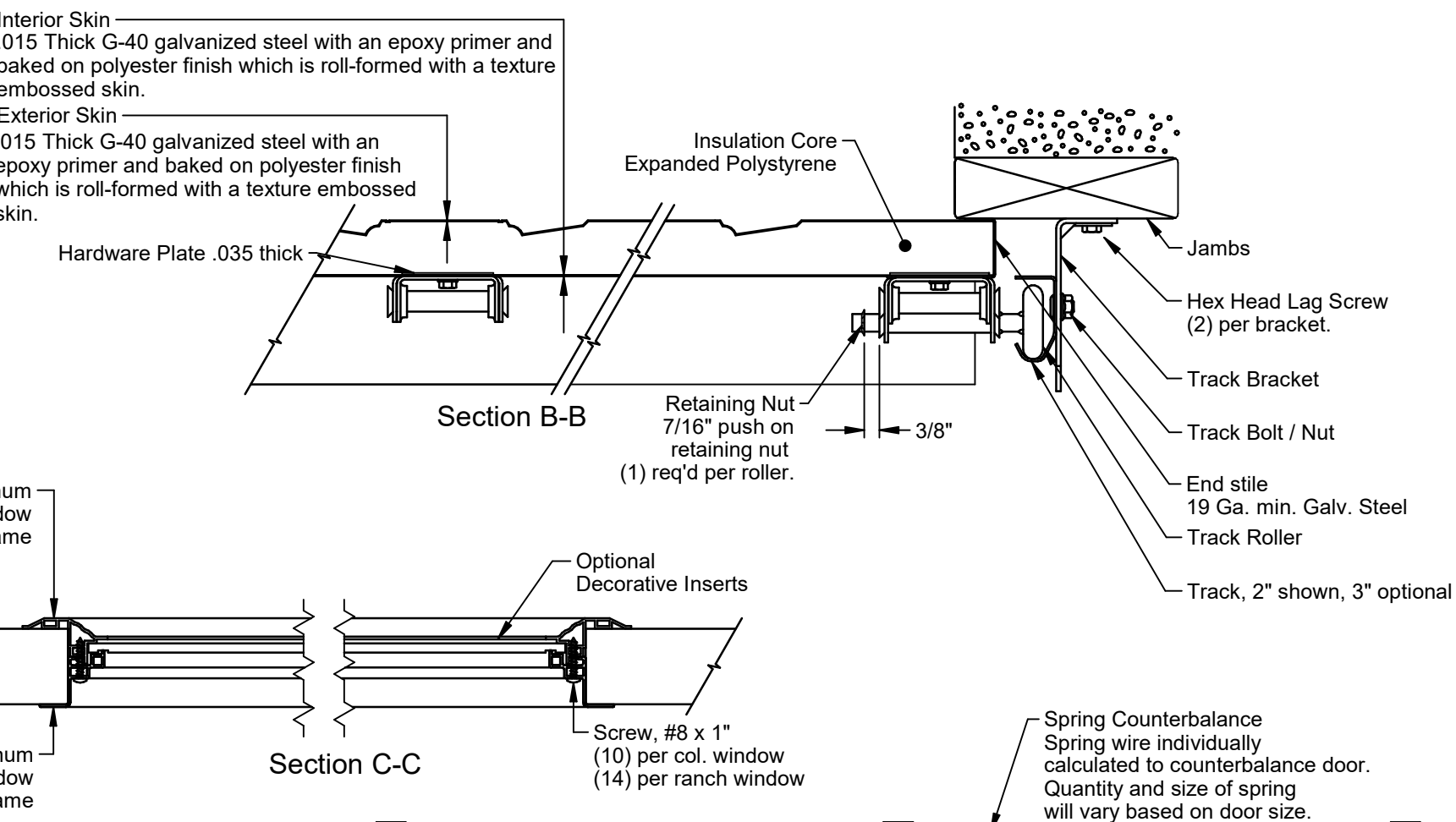
Section A-A

Window Options				
Window Style	Nominal Size	DLO	Glass	Frame Screws
Colonial	17-3/4" x 12-9/16"	16-3/4" x 11-9/16"	1/4" Polycarbonate	10
Ranch	40-11/16" x 12-9/16"	39-11/16" x 11-9/16"		14

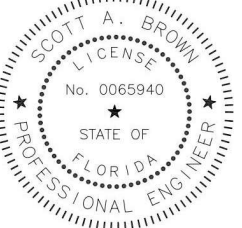
Window availability limited by section width.

Doors tested per
ANSI/DASMA 108 for static air pressure
ANSI/DASMA 115 for large missile impact and cyclic wind pressure.
Complies with the IBC/IRC 2021 (Texas) and current FBC.
Wind loaded sectional doors are designed, tested and sold by PSF.
The AHJ of a given jobsite is responsible for determining the appropriate PSF.

Commercial Encore								
Max. Door Width	Colonial		Ranch		Carriage House		Design Loads	
	Ctr. Hngs. per Sect.	Design Loads	Ctr. Hngs. per Sect.	Design Loads	Ctr. Hngs. per Sect.	Design Loads		
8'-2"	1	48.9 -55.3	1	48.9 -55.3	1	48.9 -55.3		
9'-2"	1		1		1			
10'-2"	2	41.4 -46.4	1	41.4 -46.4	1	27.4 -31.0		
12'-2"	2		2		2			
14'-2"	2	27.4 -31.0	2	27.4 -31.0	2			
16'-2"	3	23.3 -26.0	3	23.3 -26.0	3	23.3 -26.0		
18'-2"	3	16.8 -18.7	3	16.8 -18.7	3	16.8 -18.7		
20'-2"	4	12.3 -13.8	4	12.3 -13.8	4	12.3 -13.8		



FL# 41569



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B	Added IBC/IRC note, FL number. Updated PE address. Removed 18" section height. Reformed window options, sht 2-4, and added dry/sheathing jamb attachment detail to sht 2.	9383.01	12/1/25
A	New release for production.	8593.02	07/26/22
Rev.	Description	ECO	Date

Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 07/26/22
ECO: 8593.02

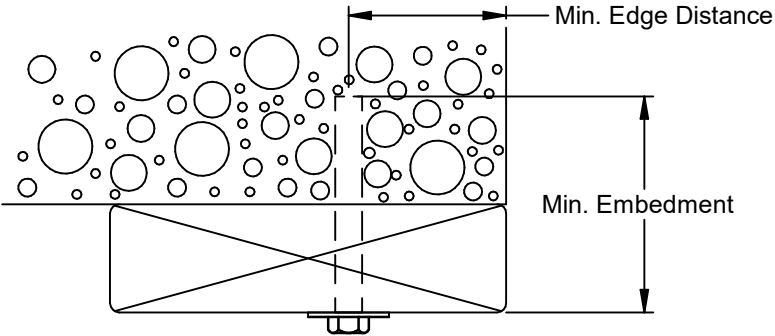
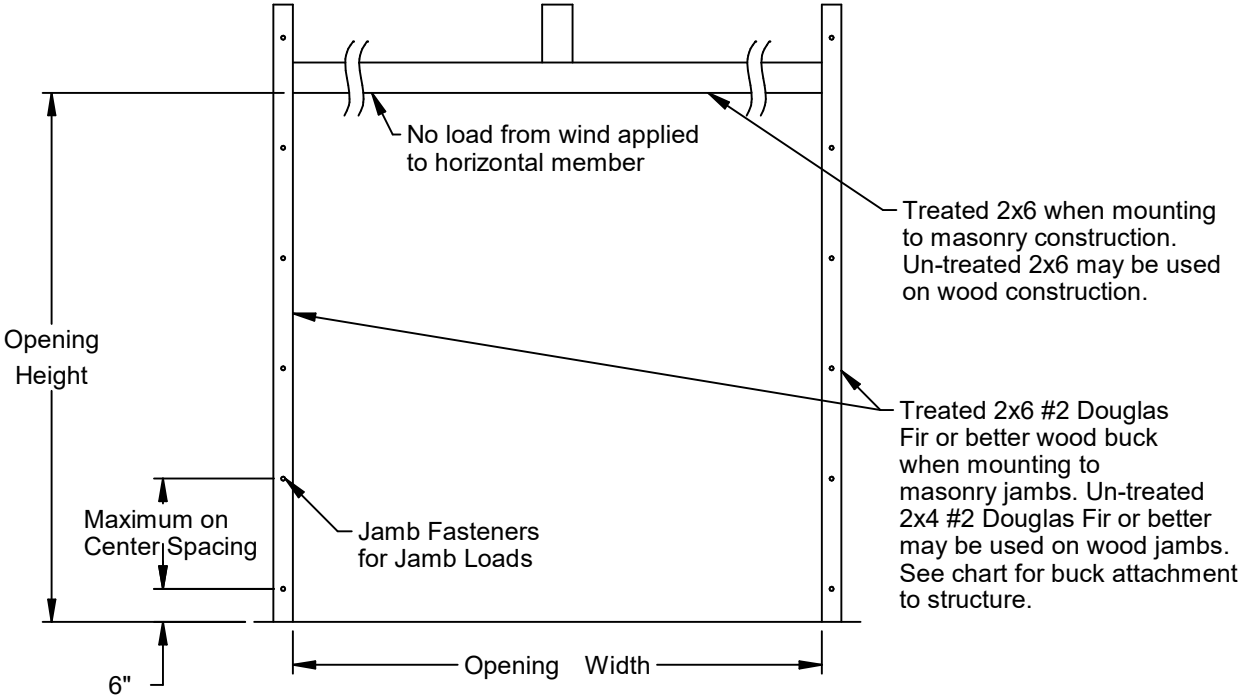
RAYNOR
1101 East River Road
Dixon, IL. 61021

Spec, Wind Load Commercial Encore			
No.	P-3403	Sheet 1 of 4	Rev B

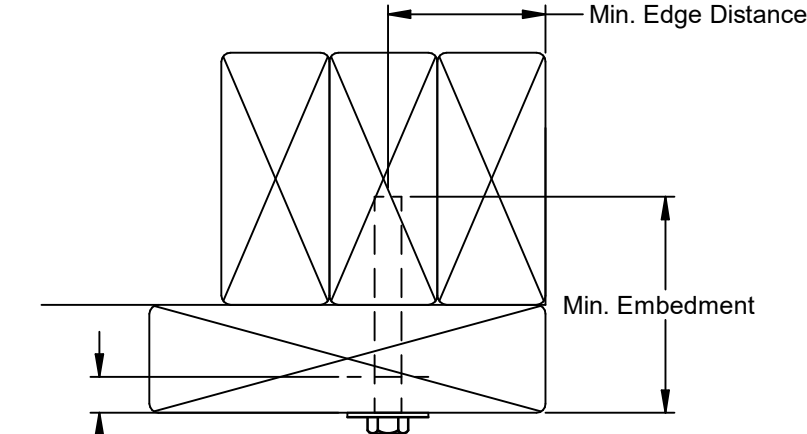
Jamb Attachment Notes:

- 1. Maximum Positive Load per Jamb = (12'-0" x 41.4 PSF) / 2 = 249 lbs. per foot.
- 2. Maximum Negative Load per Jamb = (12'-0" x -46.4 PSF) / 2 = 279 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 1/4" pilot hole and 1-1/2" minimum required distance.
- 7. Masonry fasteners by others.

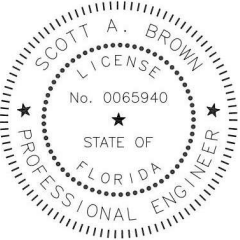
2x6 Attachment to Structure						
Structure Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Minimum on Center Spacing	Maximum on Center Spacing	Allowable Tension Load
2500 PSI Min. Concrete	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	2.5	6"	24"	526
Southern Pine	3/8" x 3" Lag with 1-1/8" 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"	23"	482



Section D-D
2500 PSI Min. Concrete



Section D-D
Southern Pine or
Spruce Pine Fir

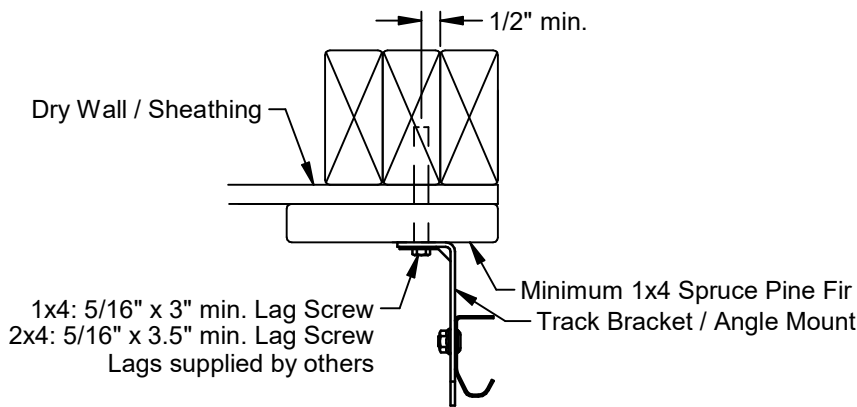
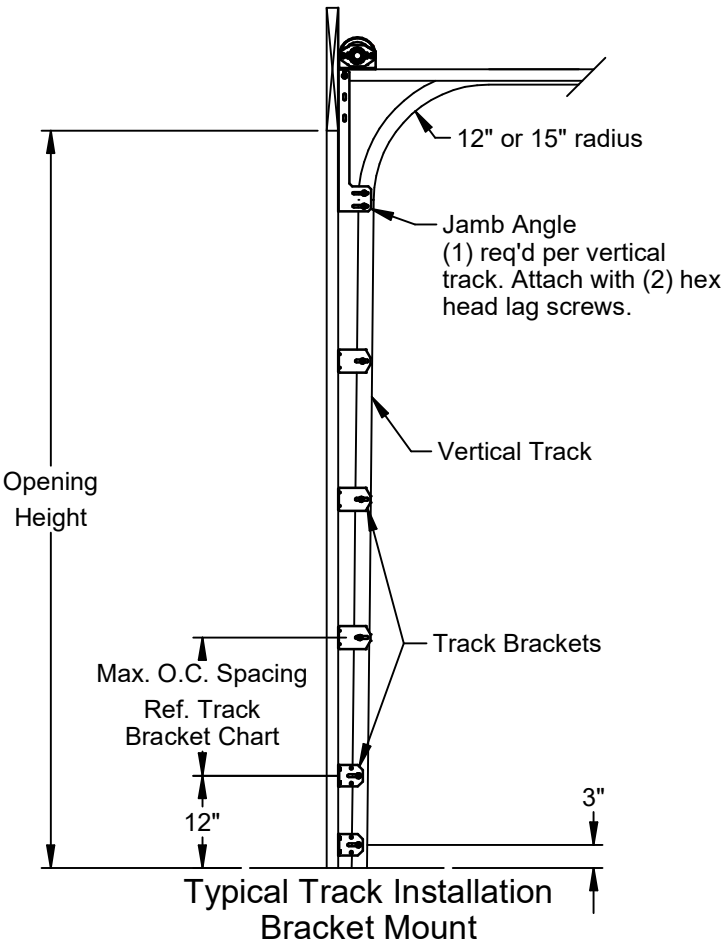


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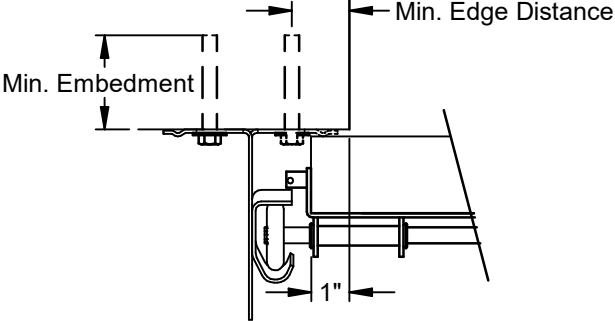
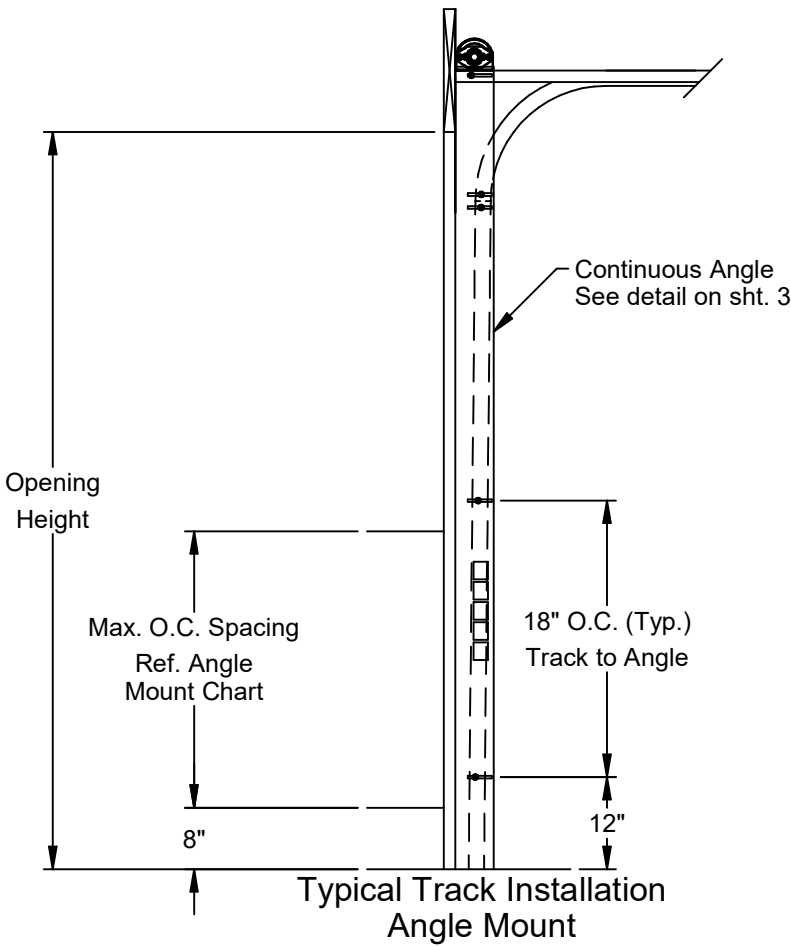
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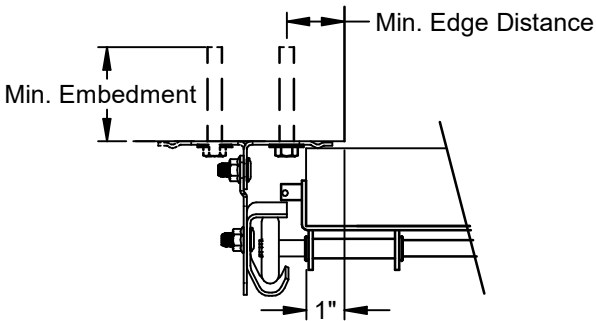
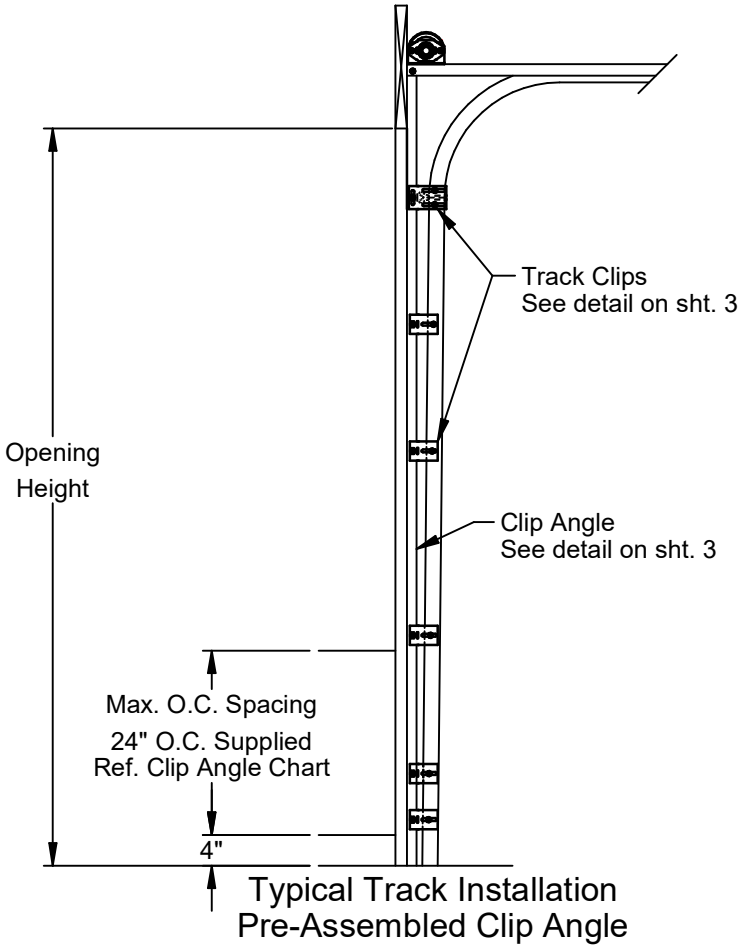
Scale: None	 1101 East River Road Dixon, IL. 61021	Title: Spec, Wind Load Commercial Encore	
Drawn by: R. Frey		No. P-3403	Sheet 2
Checked by: G. Wedekind			
Date: 07/26/22			
ECO: 8593.02			Rev B



Attachment over Drywall/Sheathing



Angle Mount to Structure
2" Angle mount turned-out standard (solid)
2" Angle mount turned-in optional (dashed)
3" Angle mount available



Clip Angle to Structure
2" Clip angle turned-in standard (solid)
2" Clip angle turned-out optional (dashed)
3" Clip angle available



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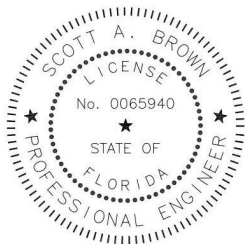
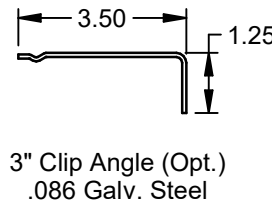
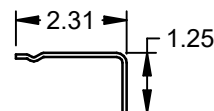
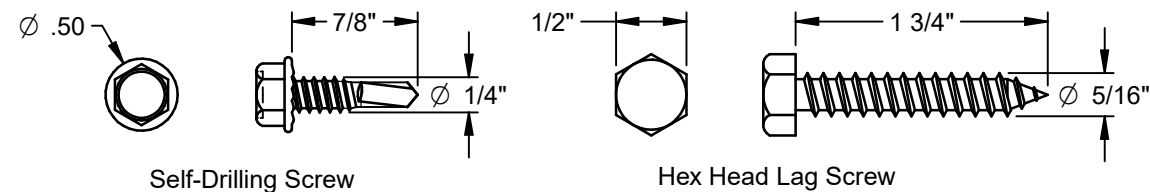
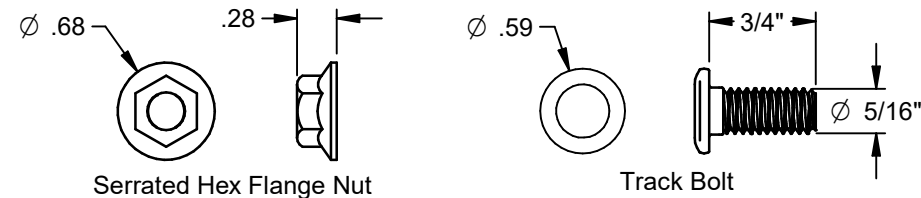
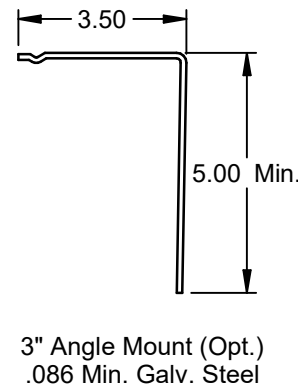
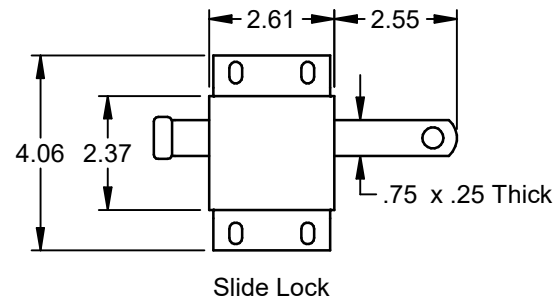
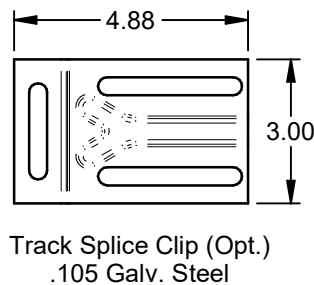
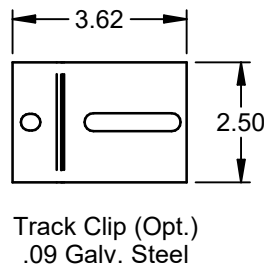
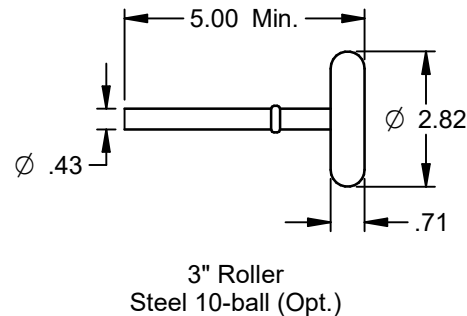
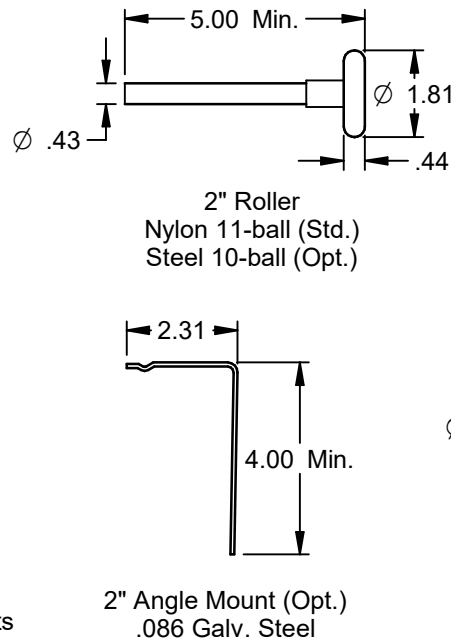
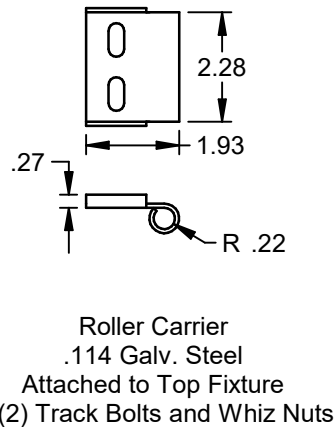
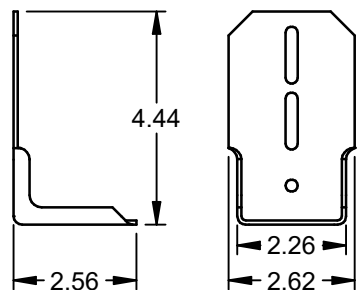
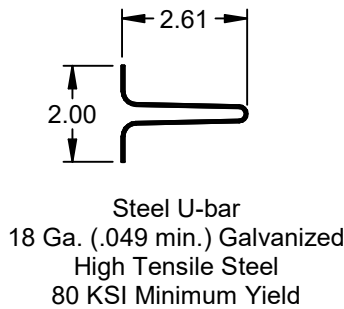
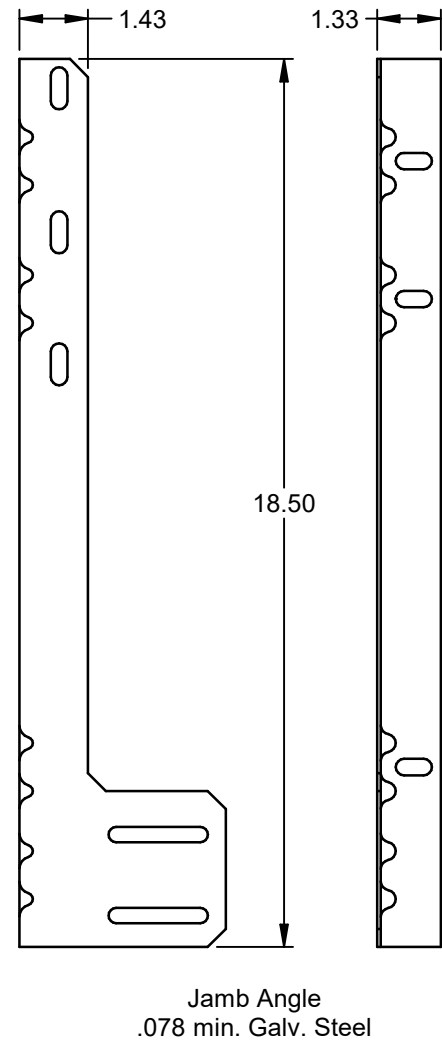
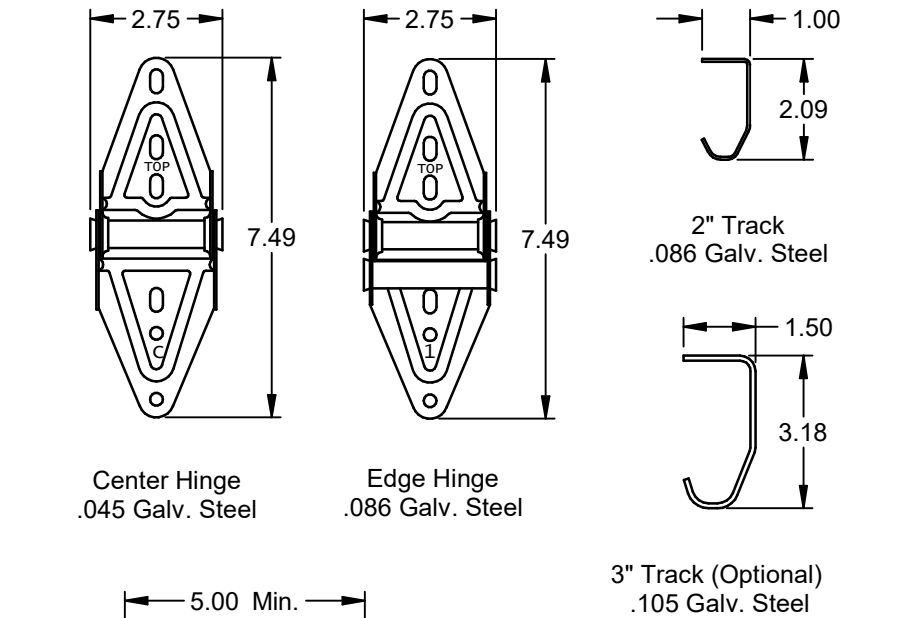
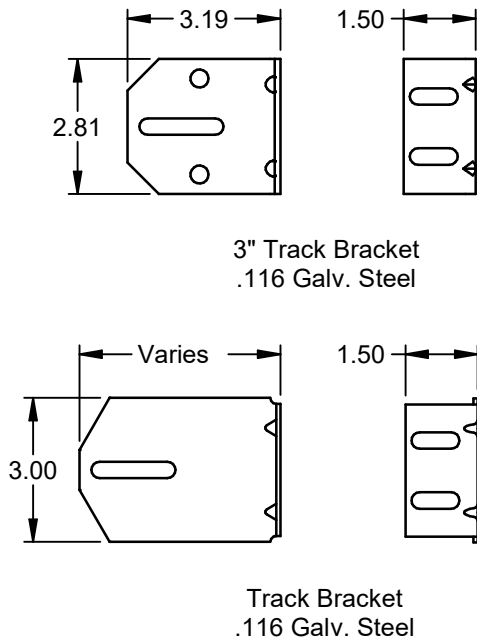
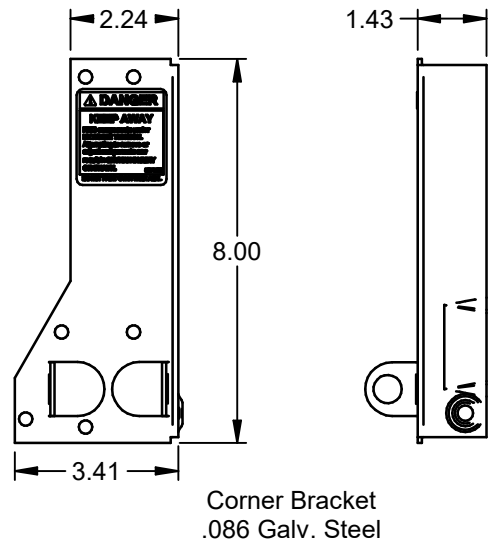
Jamb Type	Fastener Type	Minimum Embedment	Minimum Edge Distance	Allowable Tension Load (lbs.)	Track Bracket	Angle Mount	Clip Angle
					Max. on Center Spacing	Max. on Center Spacing	Max. on Center Spacing
2500 PSI Min. Concrete	3/8" ITW Trubolt	2-1/2"	2-1/2"	893	N/A	36"	24"
	1/4" Tapcon+ (Plus) with 1-1/8" OD Washer	2"	1-5/8"	687	N/A	18"	24"
	1/4" x 2-5/8" Screw-Bolt+ with 9/16" OD Washer	2-1/2"	1-1/2"	651	N/A	18"	24"
Steel	5/16" x 1" SAE J78, Min. AISI 1022 with 5/16" Washer	3/16"	1-1/2"	971	N/A	36"	24"
Wood	5/16" x 1-3/4" Lag with 5/16" Washer	1-1/2"	1-1/2"	352	18"	12"	*12"
Grout Filled CMU Block	3/8" Simpson Titen HD	2-3/4"	4"	480	N/A	18"	*12"

Alternate fasteners may be used if approved by a registered Professional Engineer.
* Field Drilling required

Scale: None
Drawn by: R. Frey
Checked by: G. Wedekind
Date: 07/26/22
ECO: 8593.02



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No. P-3403	Rev B



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Checked by: G. Wedekind				
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ECO: 8593.02			Sheet 4	Rev B