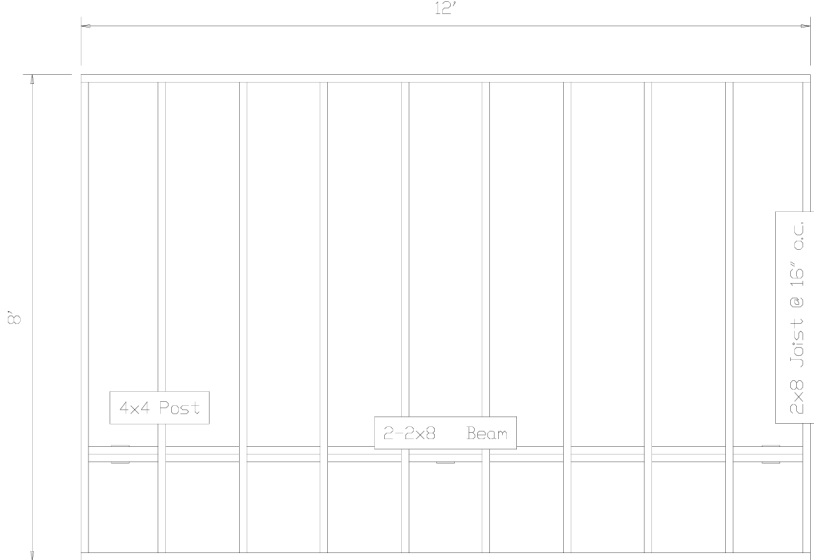


## STRESS ANALYSIS

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION	427 PSF	
		BENDING	315 PSF	
		SHEAR	204 PSF	
		COMPRESSION	318 PSF	204 PSF
BEAMS	2-2X8	DEFLECTION	307 PSF	
		BENDING	181 PSF	
		SHEAR	128 PSF	
		COMPRESSION	407 PSF	128 PSF
POSTS	4X4	STABILITY	783 PSF	
		BEARING	735 PSF	735 PSF
		TOTAL LOAD		128 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		118 PSF



Plan View

Scale: 1/2" = 1'



Rail Layout  
Post SKU



Description

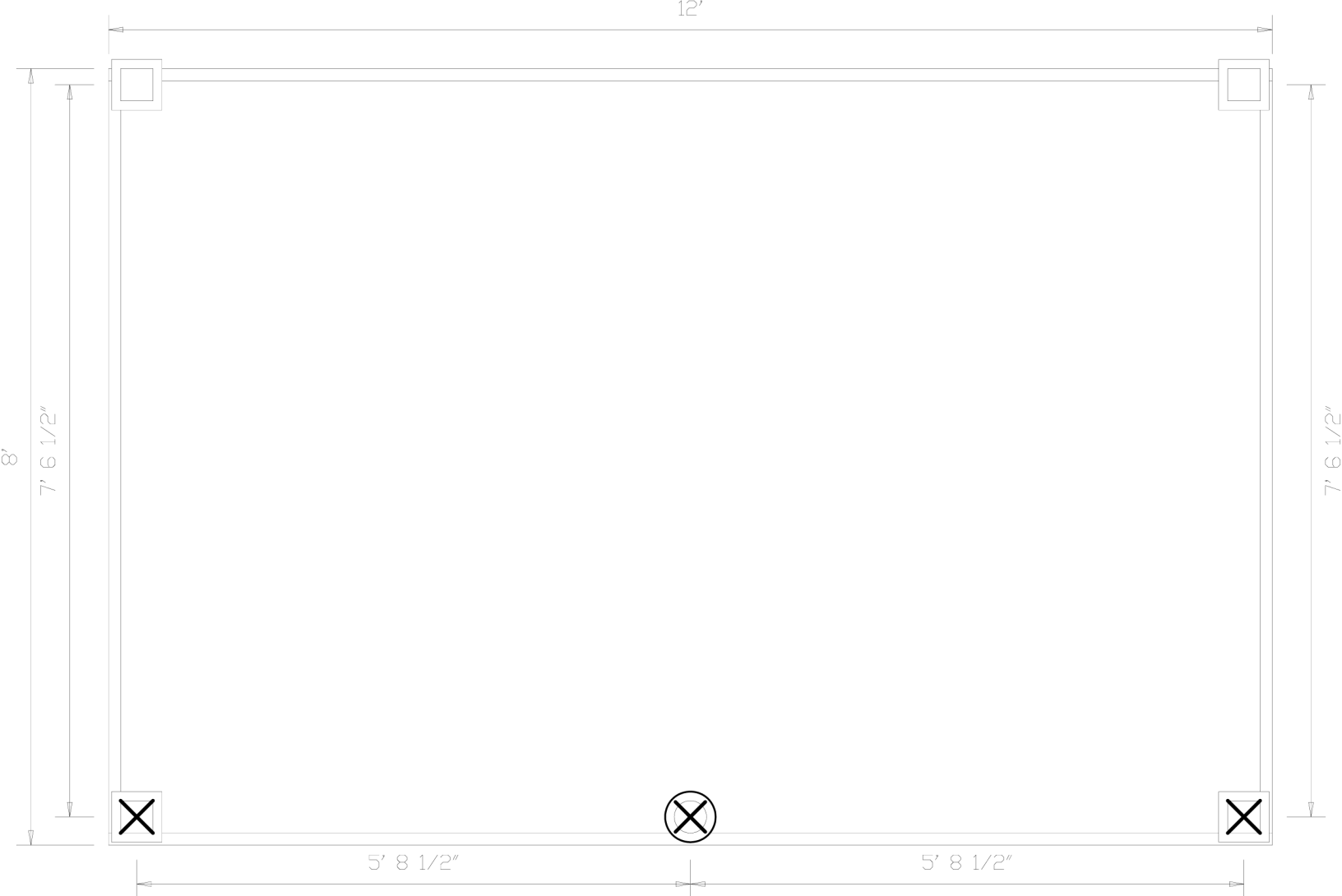
- 4"X4"x42" Post Sleeve, White
- 4"X4"x42" Post Sleeve, White
- 4"X4"x42" Post Sleeve, White

Rails  
Section

X-ref

Cut From

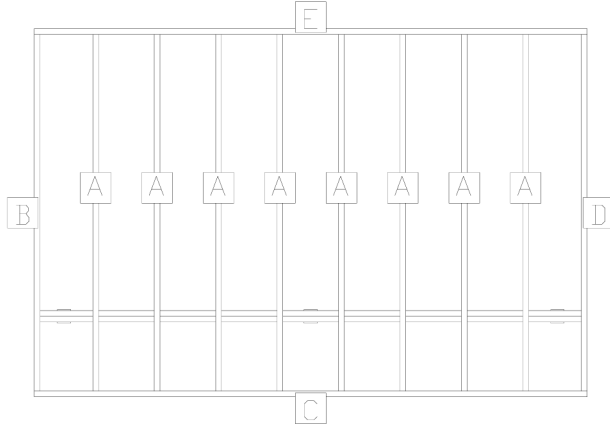
- C (6' Square Pickets, 36" Level, White)
- B (6' Square Pickets, 36" Level, White)
- A (8' Square Pickets, 36" Level, White)
- D (8' Square Pickets, 36" Level, White)



Railpost Layout  
Post SKU



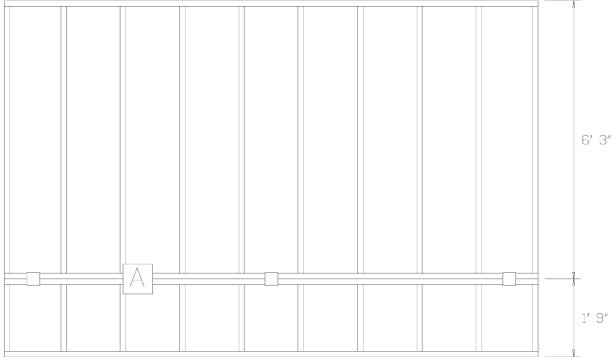
Description  
 4"X4"x42" Post Sleeve, White  
 4"X4"x42" Post Sleeve, White  
 4"X4"x42" Post Sleeve, White



LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (8)	7' 9"		C rim	12'	
B rim	7' 9"		D rim	7' 9"	
			E rim	12'	

Cut List

Scale: 3/8" = 1'



BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	12'	3	5' 4 1/4"

Post spacing is measured center-to-center.

Depth of concrete footers --- 0"

Beam Layout

Scale: 3/8" = 1'

12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'
12'

Plank Layout

Scale: 1/2" = 1'

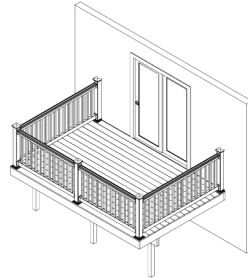




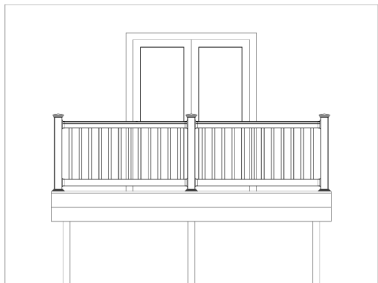




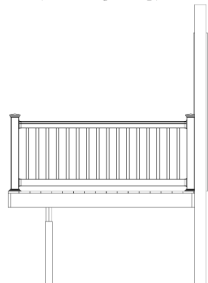
Plan View



Iso (Front,Right,Top) View



Front Elevation



Right View

Elevations

Scale: 3/16" = 1'