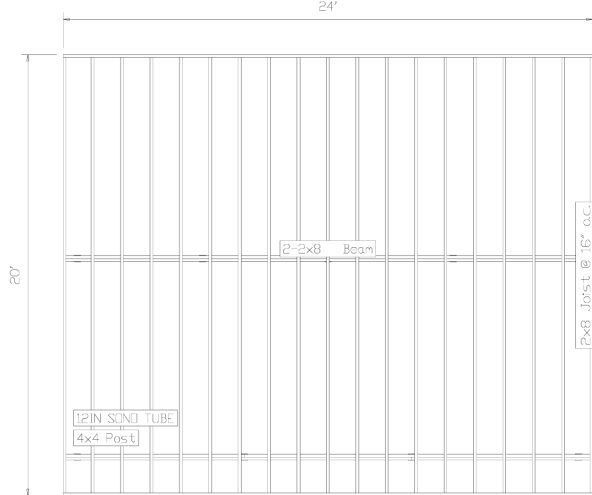


## STRESS ANALYSIS

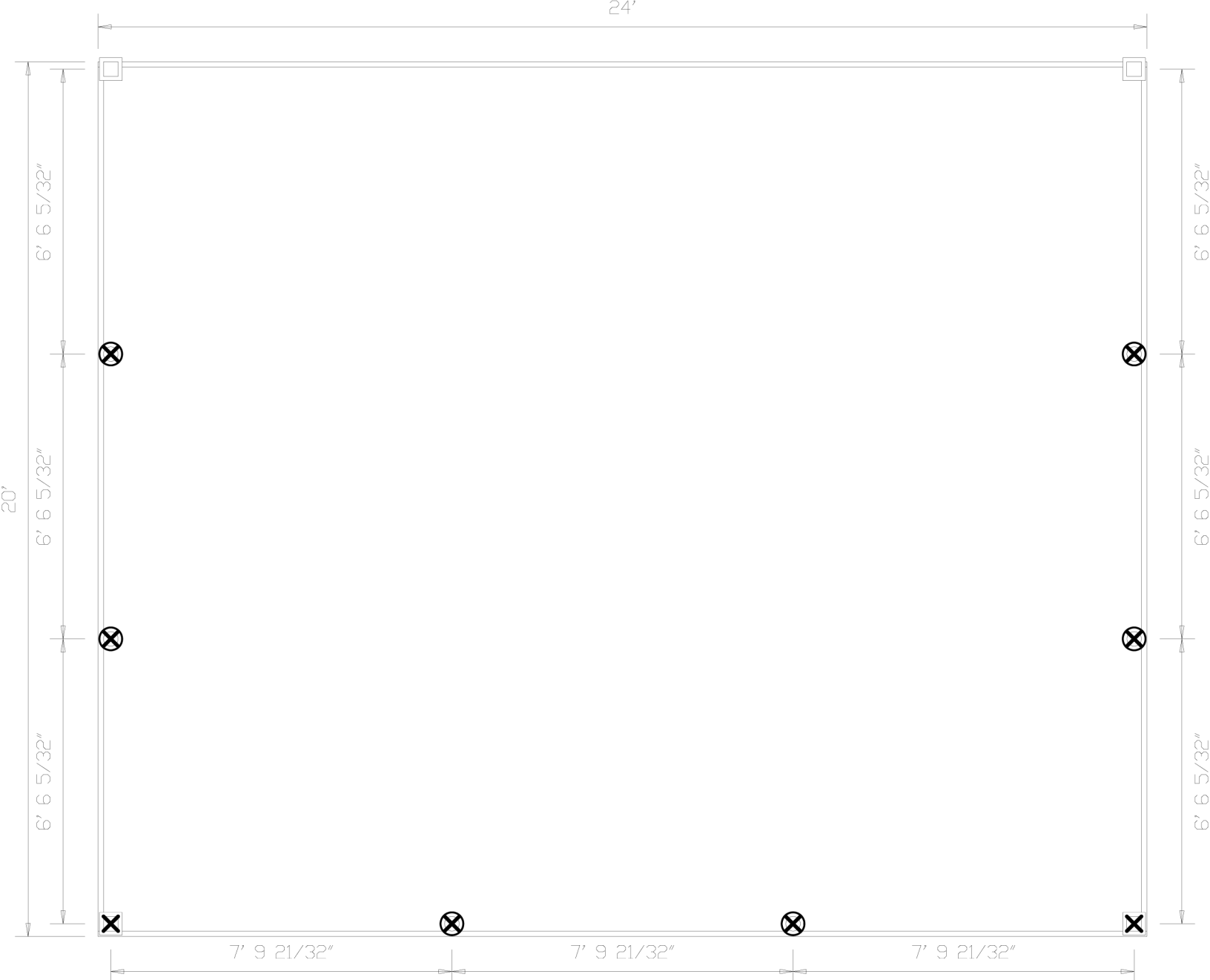
MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION	133 PSF	
		BENDING	140 PSF	
		SHEAR	126 PSF	
		COMPRESSION	212 PSF	126 PSF
BEAMS	2-2X8	DEFLECTION	99 PSF	
		BENDING	74 PSF	
		SHEAR	65 PSF	
		COMPRESSION	210 PSF	65 PSF
POSTS	4X4	STABILITY	405 PSF	
		BEARING	380 PSF	380 PSF
		TOTAL LOAD		65 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		55 PSF



Plan View

Scale: 3/16" = 1'



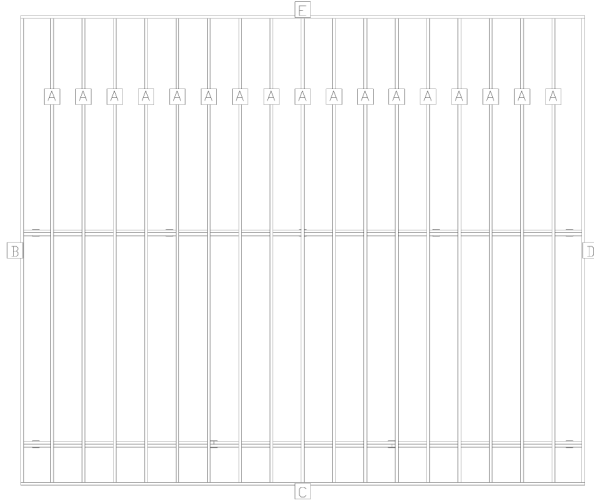


Railpost Layout  
Post SKU



Description

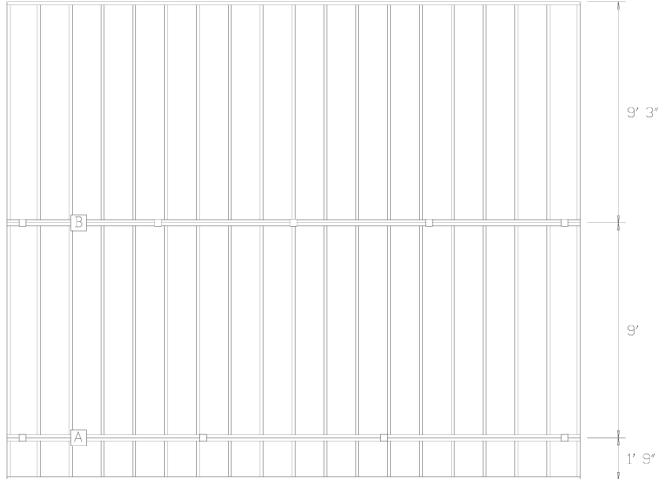
- 4"X4"x42" Post Sleeve, White
- 4"X4"x42" Post Sleeve, White
- 4"X4"x42" Post Sleeve, White



<b>LABEL</b>	<b>LENGTH</b>	<b>BEVELS</b>	<b>LABEL</b>	<b>LENGTH</b>	<b>BEVELS</b>
A joist (17)	19' 9"		C rim	24'	
B rim	19' 9"		D rim	19' 9"	
			E rim	24'	

Cut List

Scale: 3/16" = 1'



BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	24'	4	7' 6 3/4"
B	24'	5	5' 8"

Post spacing is measured center-to-center.

Depth of concrete footers --- 48"

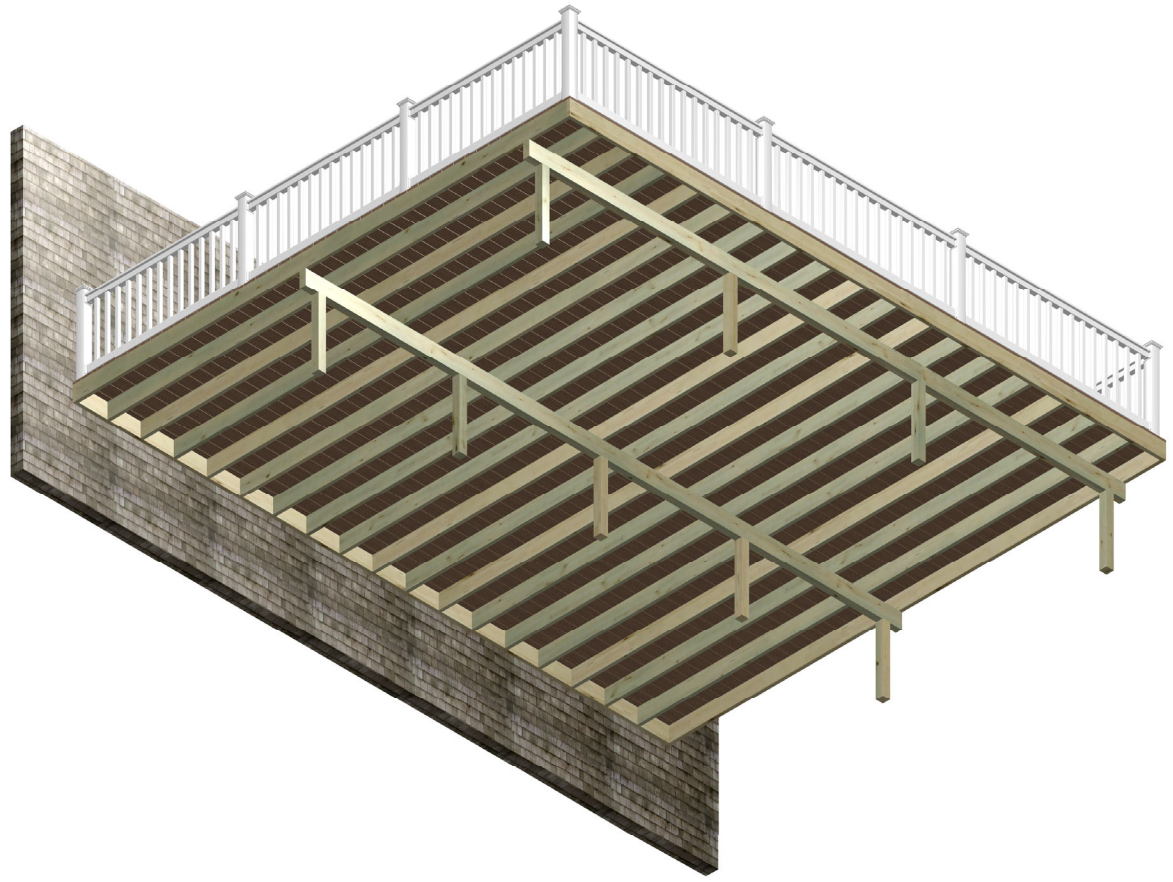
Beam Layout

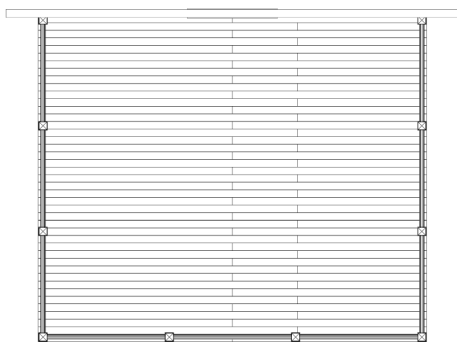
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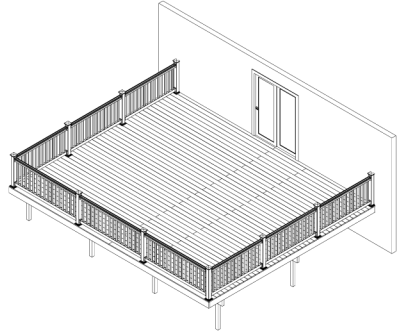




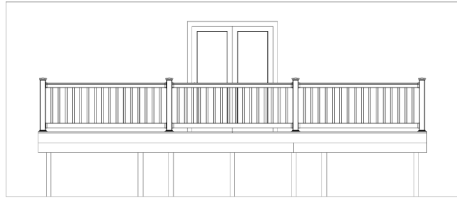




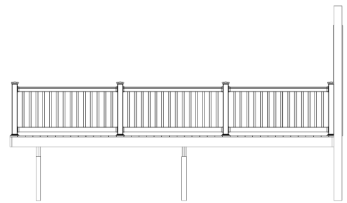
Plan View



Iso (Front,Right,Top) View



Front Elevation



Right View

Elevations

Scale: 1/8" = 1'