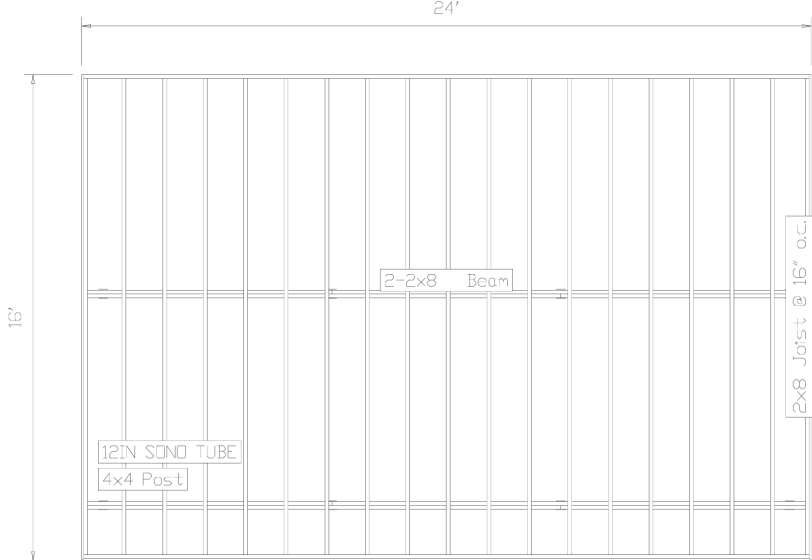


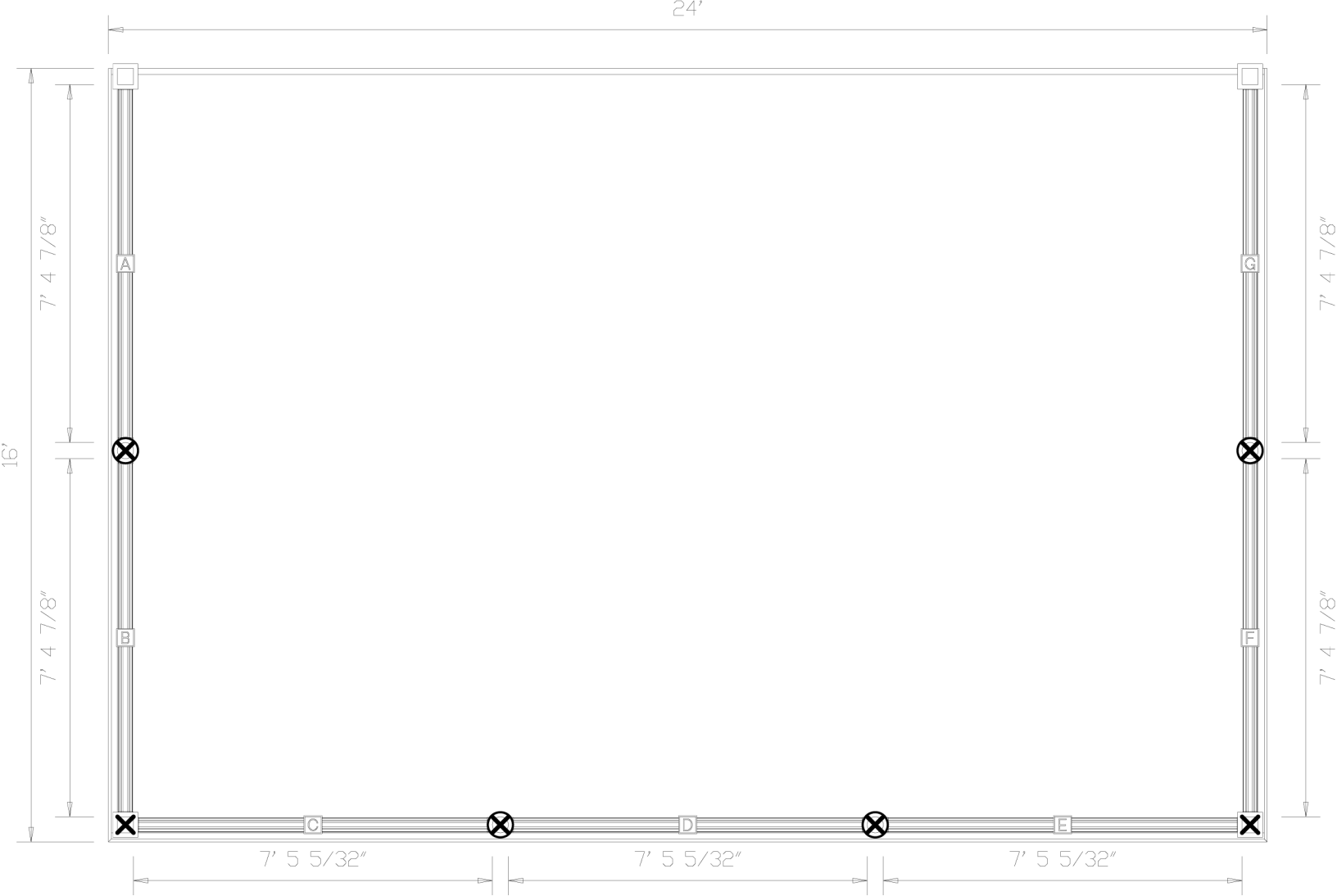
## STRESS ANALYSIS

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION	276 PSF	
		BENDING	233 PSF	
		SHEAR	170 PSF	
		COMPRESSION	274 PSF	170 PSF
BEAMS	2-2X8	DEFLECTION	89 PSF	
		BENDING	65 PSF	
		SHEAR	58 PSF	
		COMPRESSION	271 PSF	58 PSF
POSTS	4X4	STABILITY	394 PSF	
		BEARING	370 PSF	370 PSF
		TOTAL LOAD		58 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		48 PSF



Plan View

Scale: 1/4" = 1'



Rail Layout

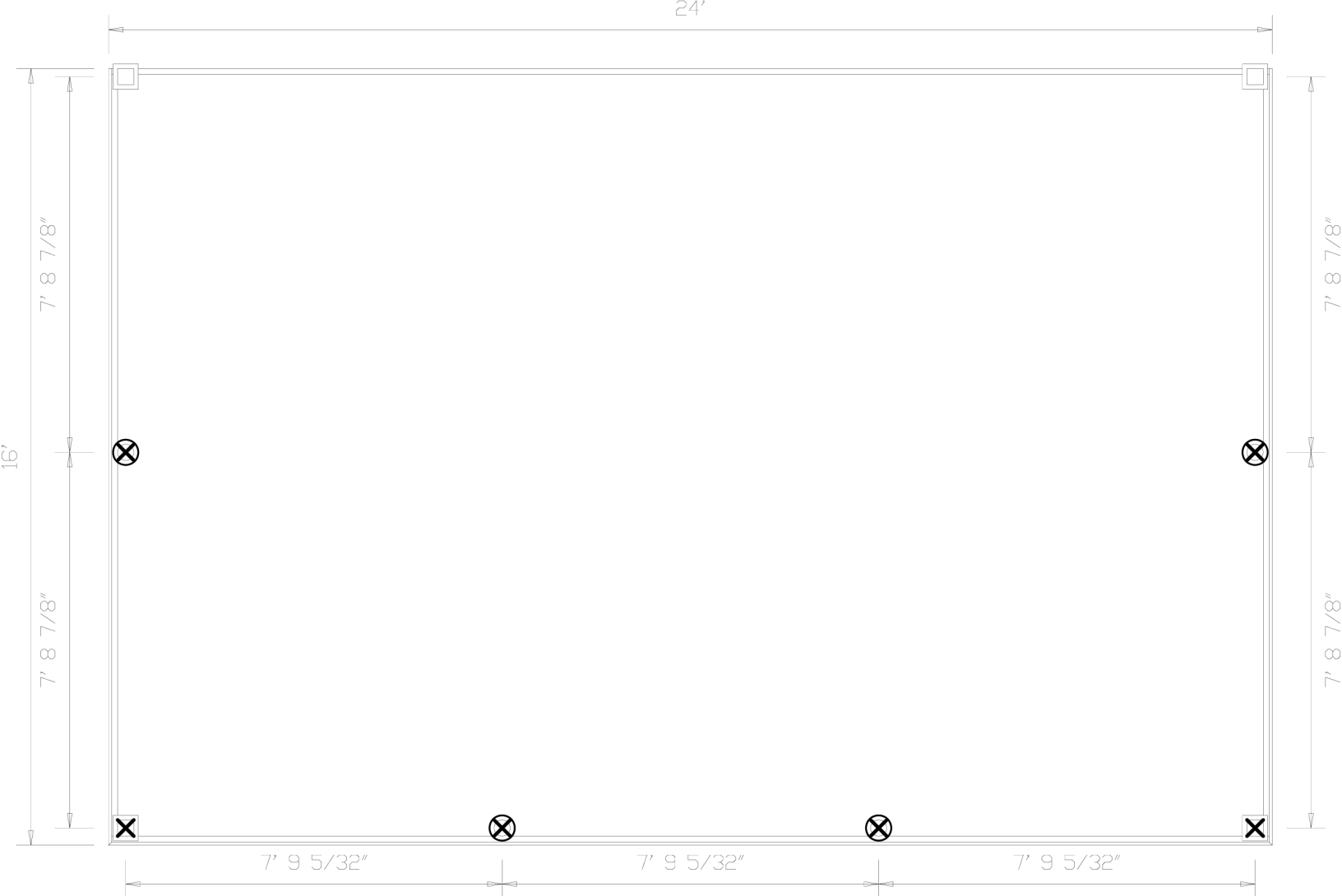
Post	SKU

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
D		(8' Square Pickets, 36" Level, White)
C		(8' Square Pickets, 36" Level, White)
E		(8' Square Pickets, 36" Level, White)
A		(8' Square Pickets, 36" Level, White)
B		(8' Square Pickets, 36" Level, White)
F		(8' Square Pickets, 36" Level, White)
G		(8' Square Pickets, 36" Level, White)

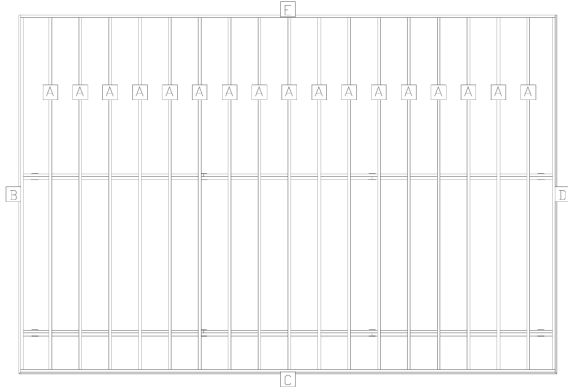


Railpost Layout  
Post SKU



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

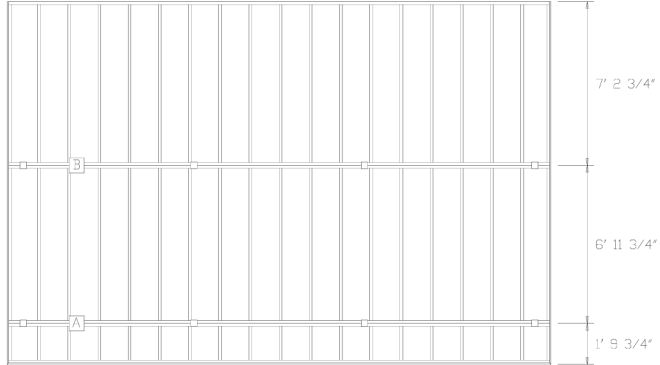




<b>LABEL</b>	<b>LENGTH</b>	<b>BEVELS</b>	<b>LABEL</b>	<b>LENGTH</b>	<b>BEVELS</b>
A joist (17)	15' 8 1/4"		C rim	23' 10 1/2"	
B fascia	16'	1)0 2)45	D fascia	16'	1)45 2)0
B rim	15' 8 1/4"		D rim	15' 8 1/4"	
C fascia	24'	1)45 2)45	E rim	23' 10 1/2"	

Cut List

Scale: 3/16" = 1'



BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	23' 10 1/2"	4	7' 6 1/4"
B	23' 10 1/2"	4	7' 6 1/4"

Post spacing is measured center-to-center.

Depth of concrete footers --- 48"

Beam Layout

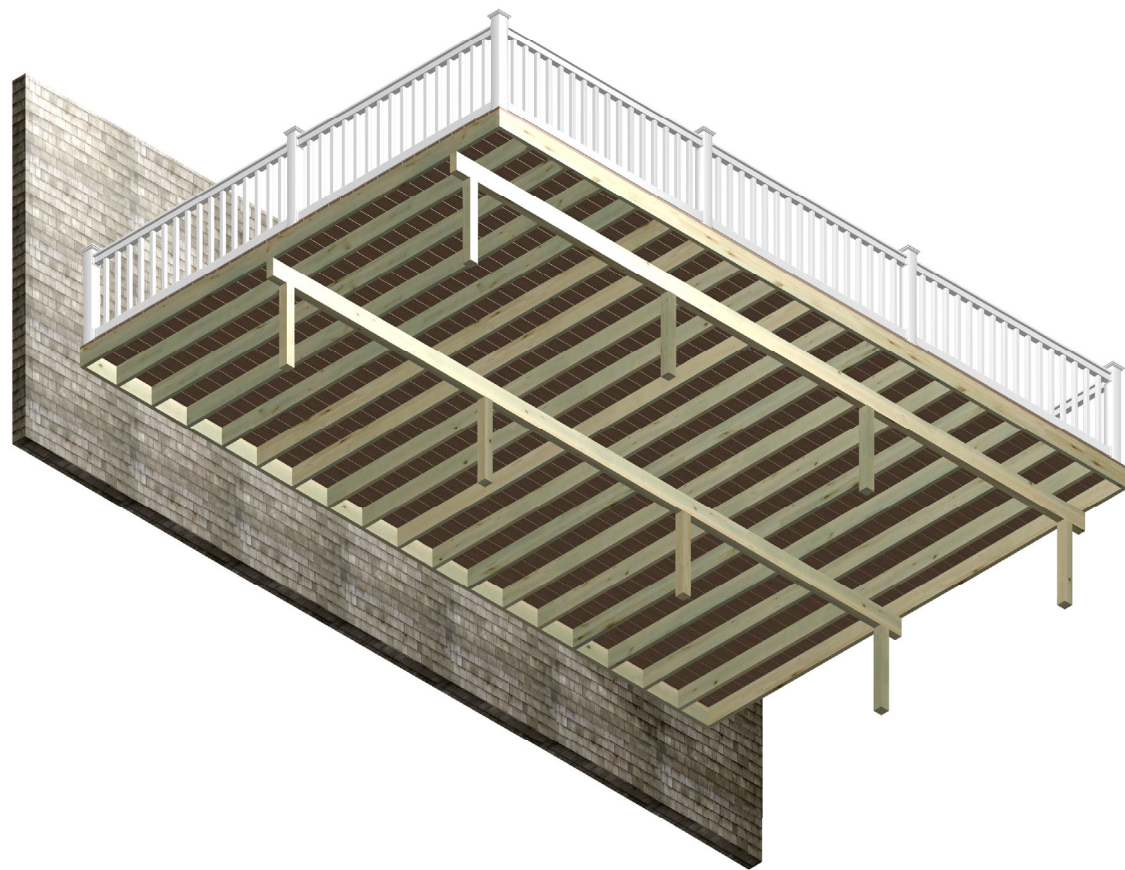
Scale: 3/16" = 1'

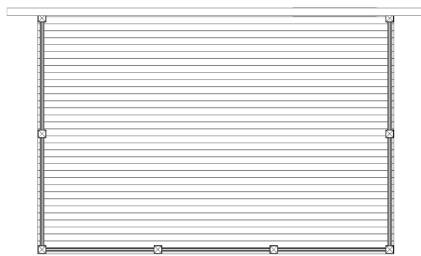
	D) 14'8"		B) 9'3"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
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	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
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	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"
	C) 12'		C) 11'11"
	D) 16'		A) 7'11"

Plank Layout

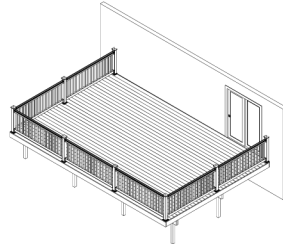
Scale: 1/4" = 1'



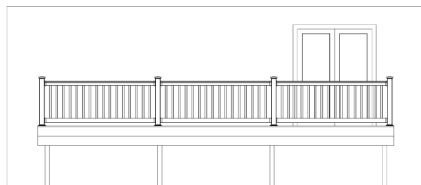




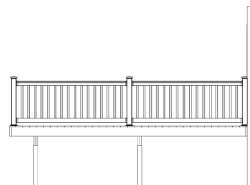
Plan View



Iso (Front,Right,Top) View



Front Elevation



Right View

Elevations

Scale: 1/8" = 1'