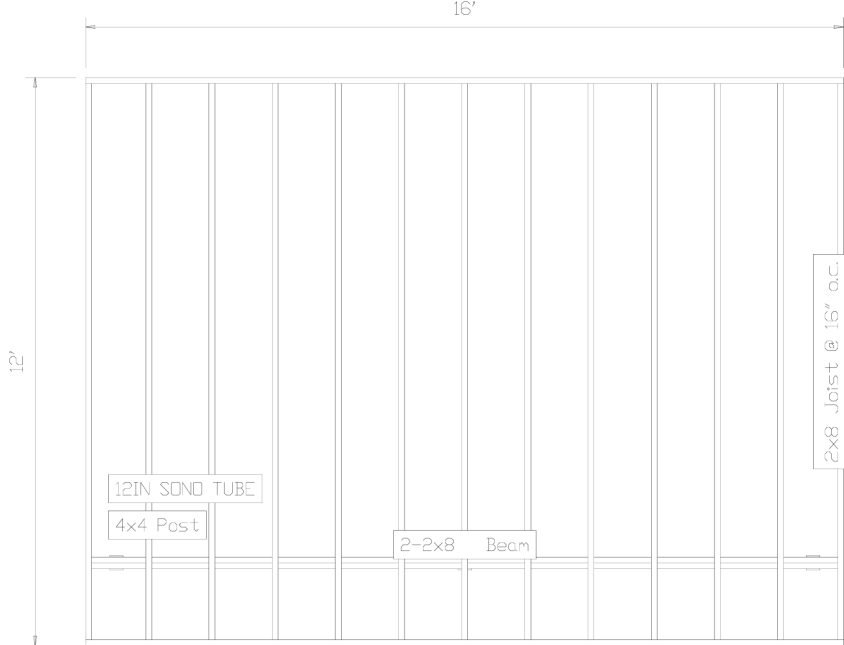


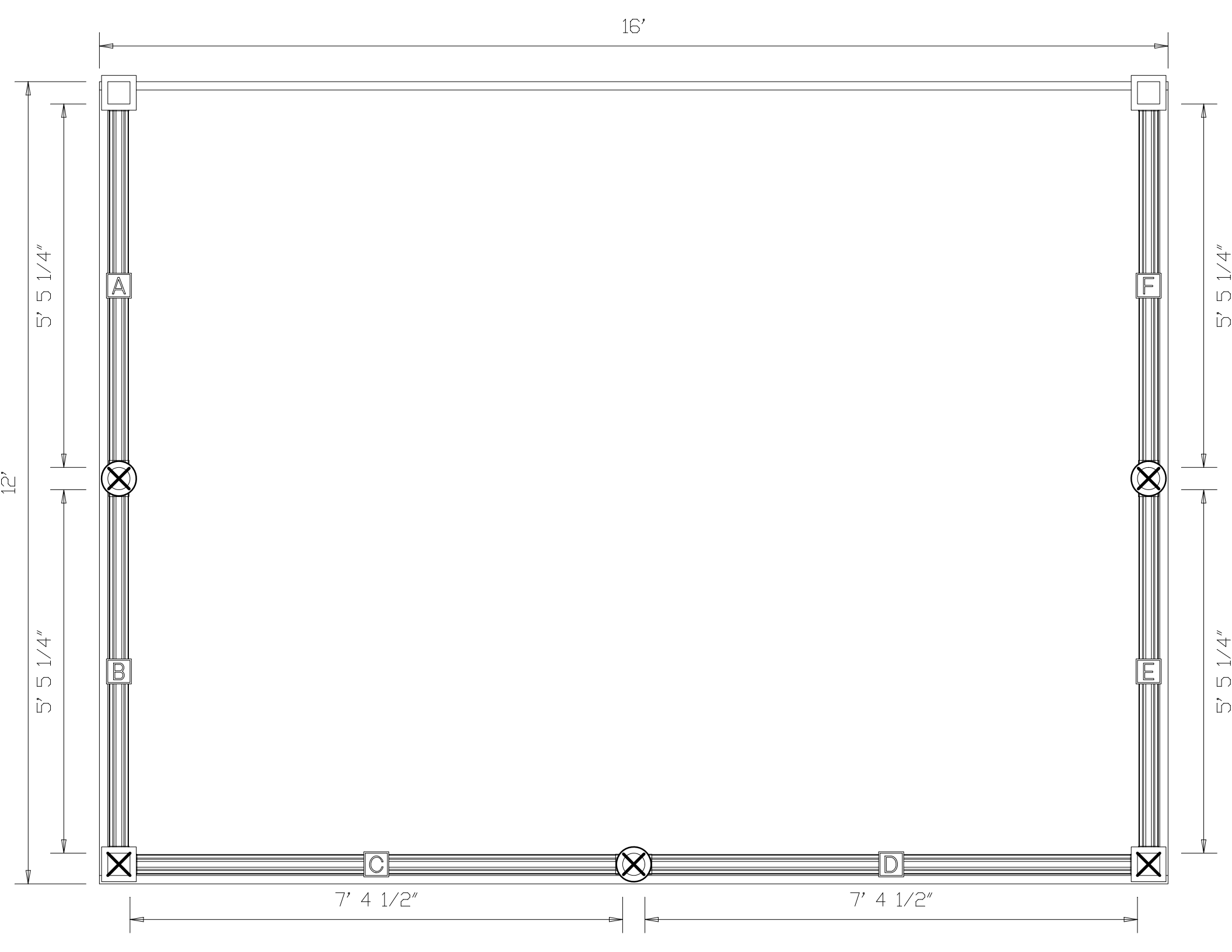
STRESS ANALYSIS

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION	100 PSF	
		BENDING	113 PSF	
		SHEAR	111 PSF	
		COMPRESSION	191 PSF	100 PSF
BEAMS	2-2X8	DEFLECTION	93 PSF	
		BENDING	69 PSF	
		SHEAR	61 PSF	
		COMPRESSION	285 PSF	61 PSF
POSTS	4X4	STABILITY	412 PSF	
		BEARING	387 PSF	387 PSF
		TOTAL LOAD		61 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		51 PSF



Plan View

Scale: 3/8" = 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

B

(6' Square Pickets, 36" Level, White)

F

(6' Square Pickets, 36" Level, White)

A

(6' Square Pickets, 36" Level, White)

E

(6' Square Pickets, 36" Level, White)

D

(8' Square Pickets, 36" Level, White)

C

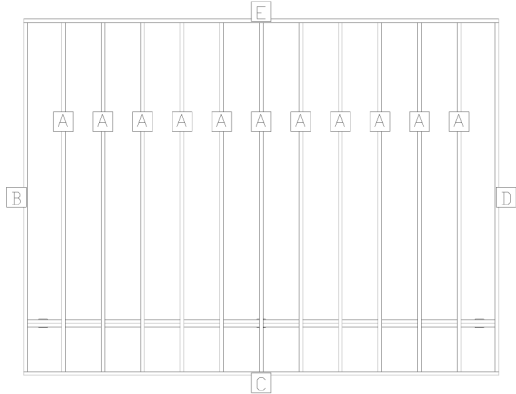
(8' Square Pickets, 36" Level, White)



Railpost Layout
Post SKU



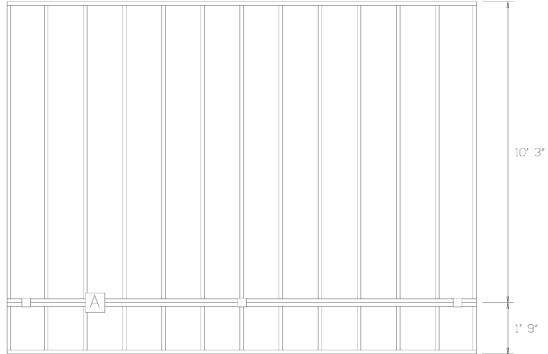
Description
 4"X4"x42" Post Sleeve, White
 4"X4"x42" Post Sleeve, White
 4"X4"x42" Post Sleeve, White



LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (11)	11' 9"		C rim	16'	
B rim	11' 9"		D rim	11' 9"	
			E rim	16'	

Cut List

Scale: 1/4" = 1'



BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	16'	3	7' 4 1/4"

Post spacing is measured center-to-center.

Depth of concrete footers --- 48"

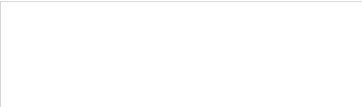
Beam Layout

Scale: 1/4" = 1'

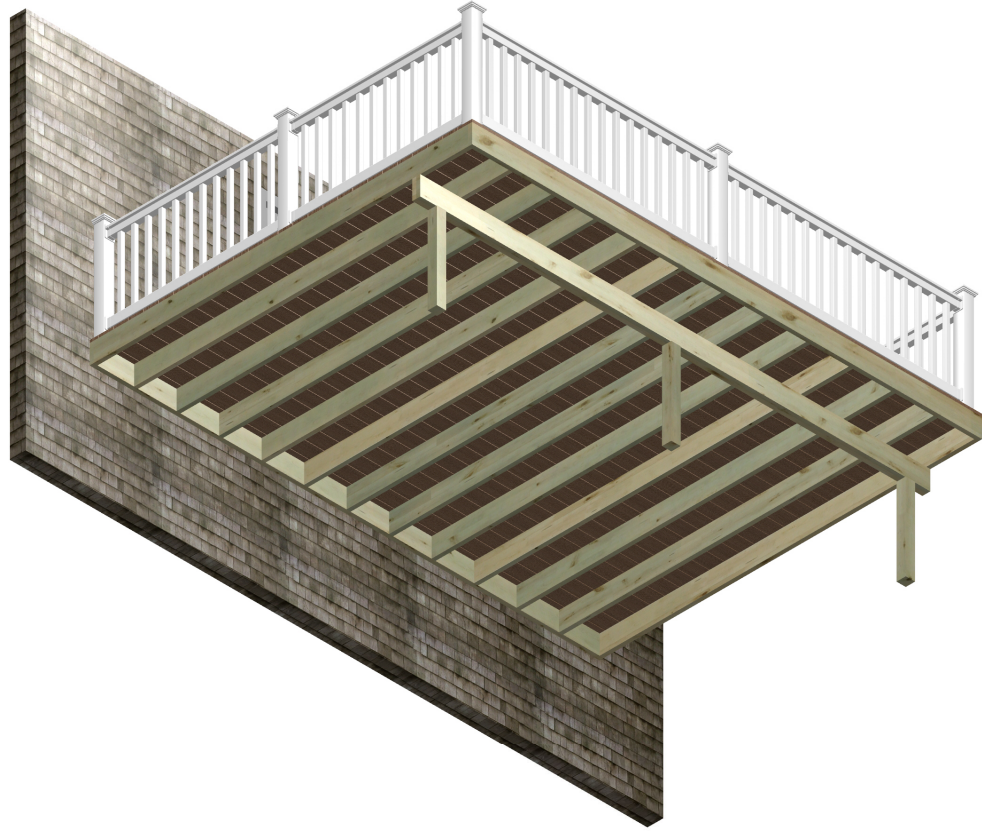
	A) 16'
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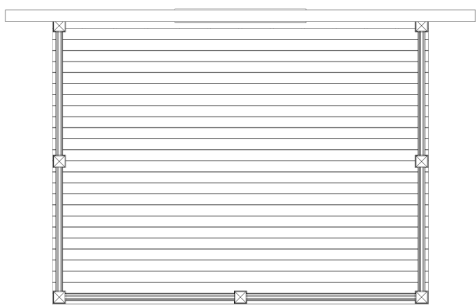
Plank Layout

Scale: 3/8" = 1'

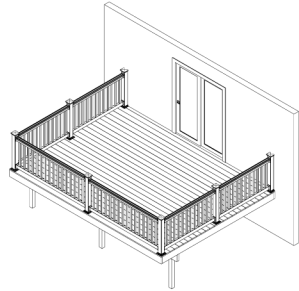




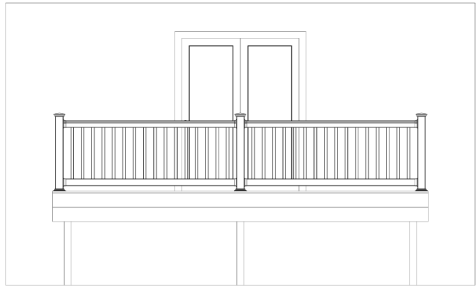




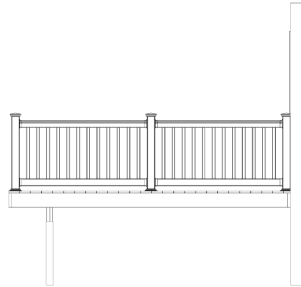
Plan View



Iso (Front, Right, Top) View



Front Elevation



Right View

Elevations

Scale: 3/16" = 1'