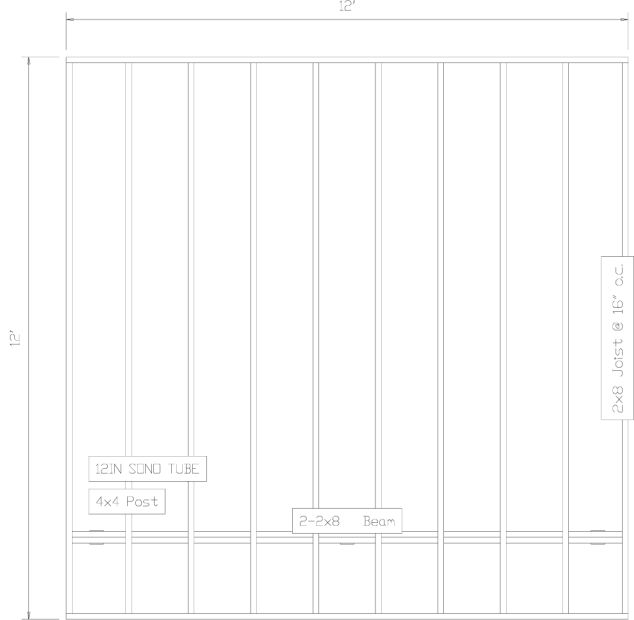


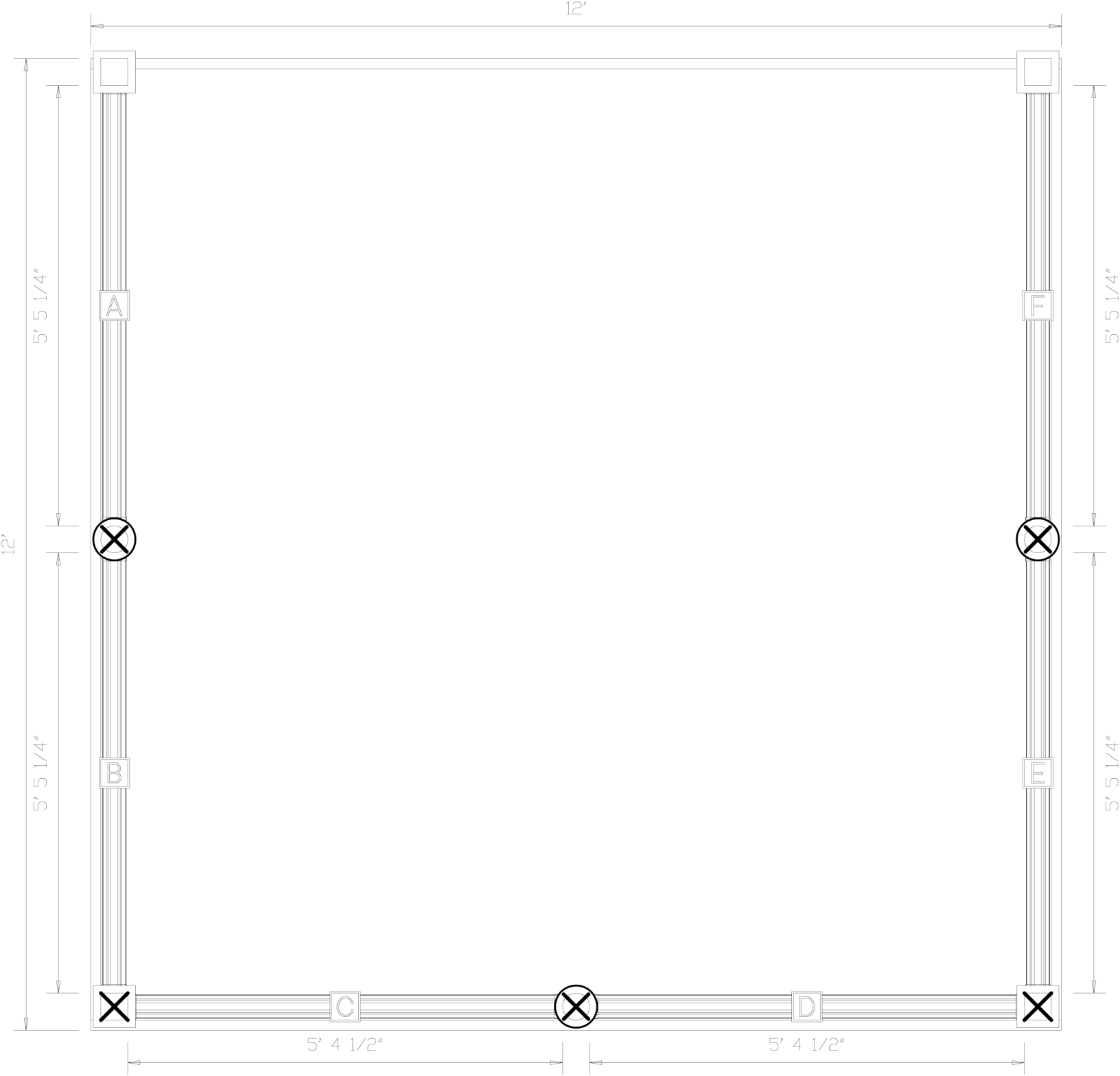
## STRESS ANALYSIS

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	218 PSF	
		BENDING	127 PSF	
		SHEAR	90 PSF	
		COMPRESSION	285 PSF	90 PSF
POSTS	4X4	STABILITY	549 PSF	
		BEARING	516 PSF	516 PSF
		TOTAL LOAD		90 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		80 PSF



Plan View

Scale: 3/8" = 1'



Rail Layout

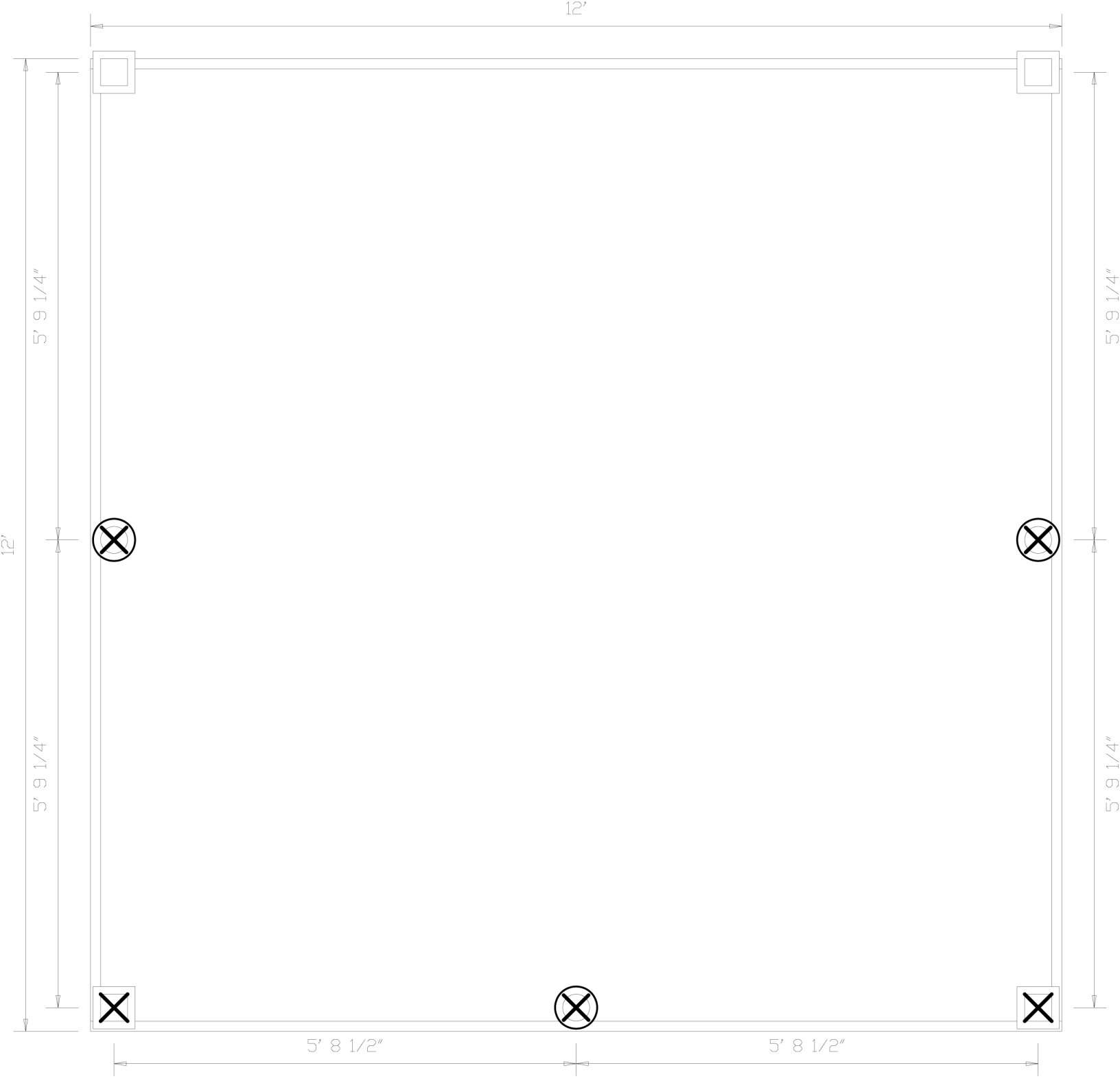
Post	SKU

Description

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

Rails Section

Rails Section	X-ref	Cut From
F		(6' Square Pickets, 36" Level, White)
A		(6' Square Pickets, 36" Level, White)
B		(6' Square Pickets, 36" Level, White)
E		(6' Square Pickets, 36" Level, White)
C		(6' Square Pickets, 36" Level, White)
D		(6' Square Pickets, 36" Level, White)

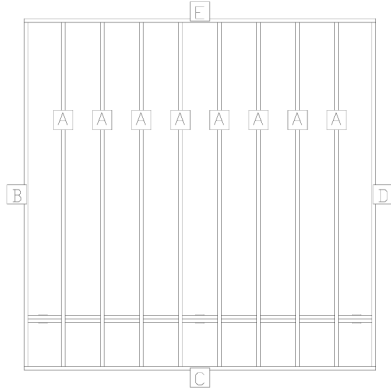


Railpost Layout



Post	SKU	Description
⊗		4"X4"x42" Post Sleeve, White
□		4"X4"x42" Post Sleeve, White
⊗		4"X4"x42" Post Sleeve, White

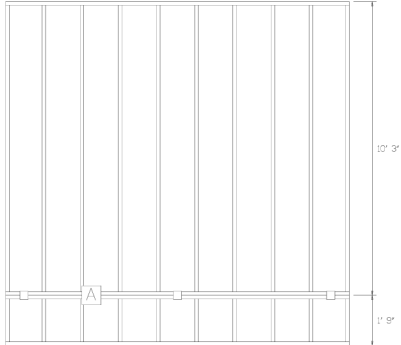




LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (8)	11' 9"		C rim	12'	
B rim	11' 9"		D rim	11' 9"	
			E rim	12'	

Cut List

Scale: 1/4" = 1'



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

Post spacing is measured center-to-center.

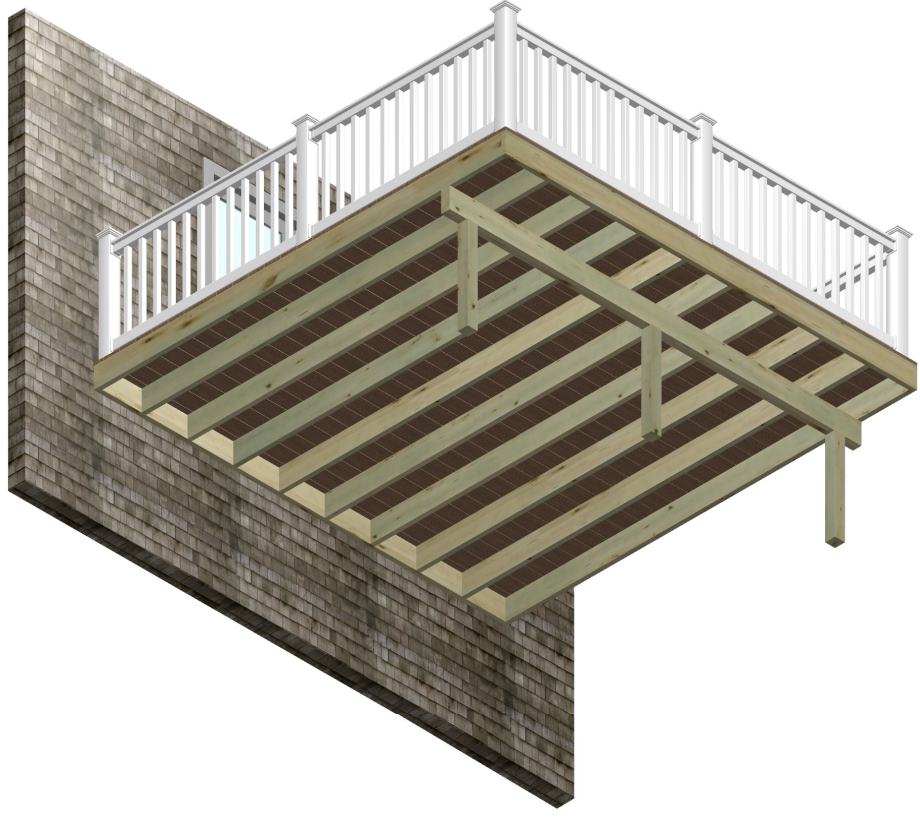
Depth of concrete footers --- 48"

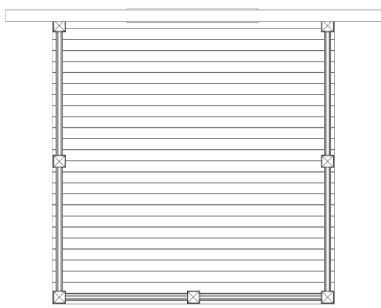
Beam Layout

Scale: 1/4" = 1'

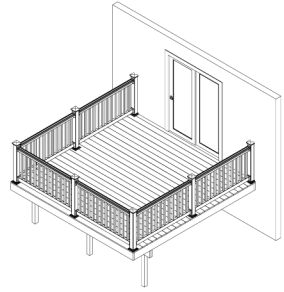




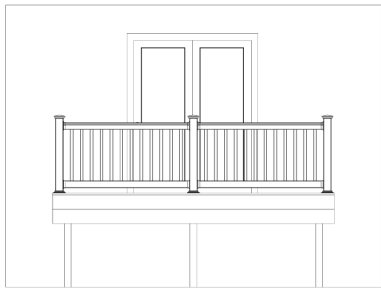




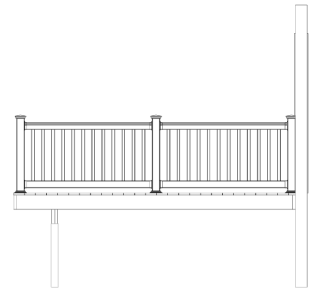
Plan View



Iso (Front,Right,Top) View



Front Elevation



Right View

Elevations

Scale: 3/16" = 1'

