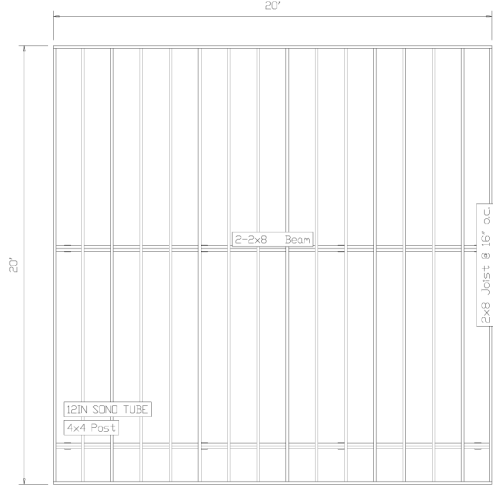


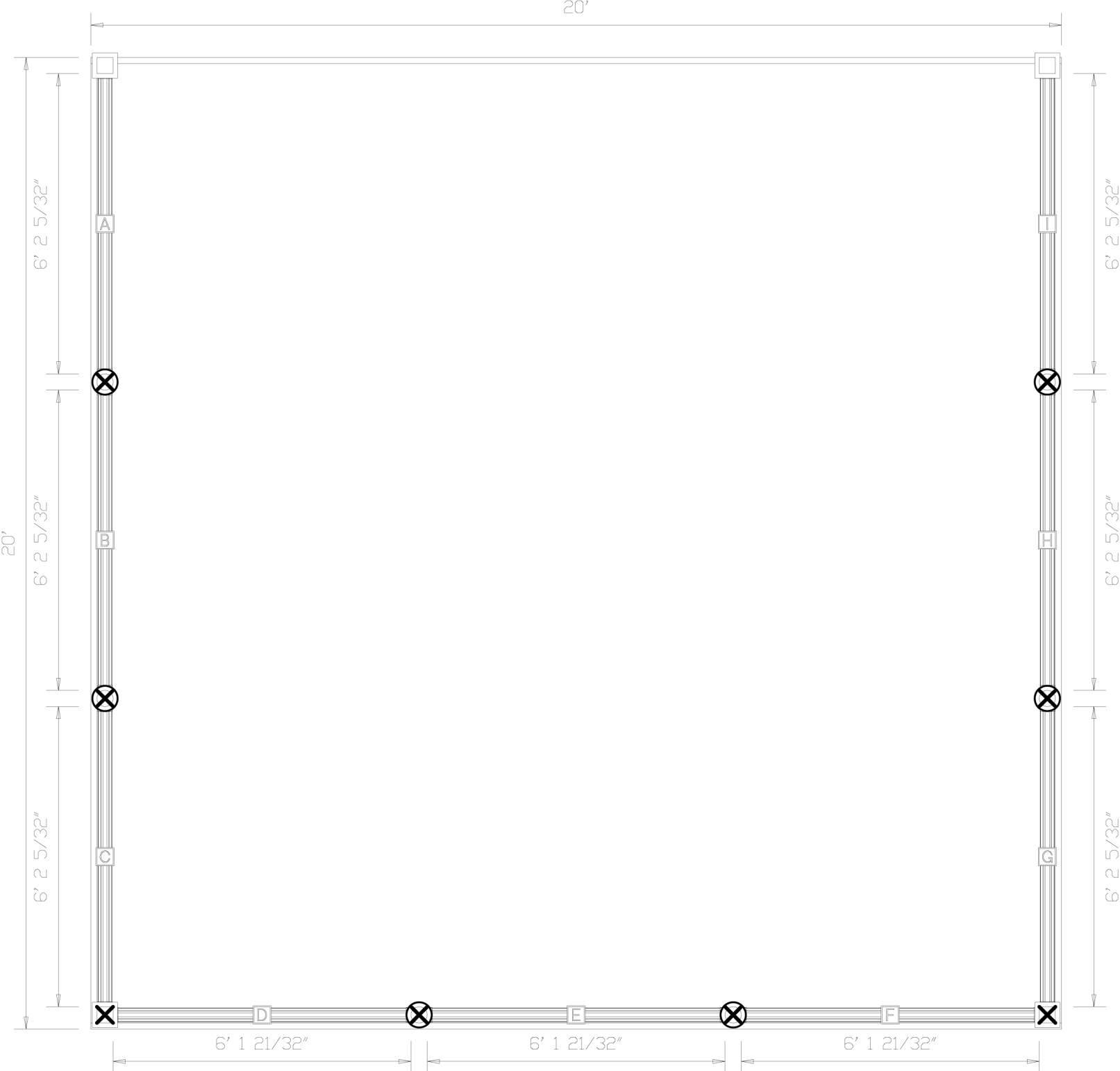
## STRESS ANALYSIS

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	117 PSF	
		BENDING	74 PSF	
		SHEAR	57 PSF	
		COMPRESSION	210 PSF	57 PSF
POSTS	4X4	STABILITY	365 PSF	
		BEARING	342 PSF	342 PSF
		TOTAL LOAD		57 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		47 PSF



Plan View

Scale: 3/16" = 1'



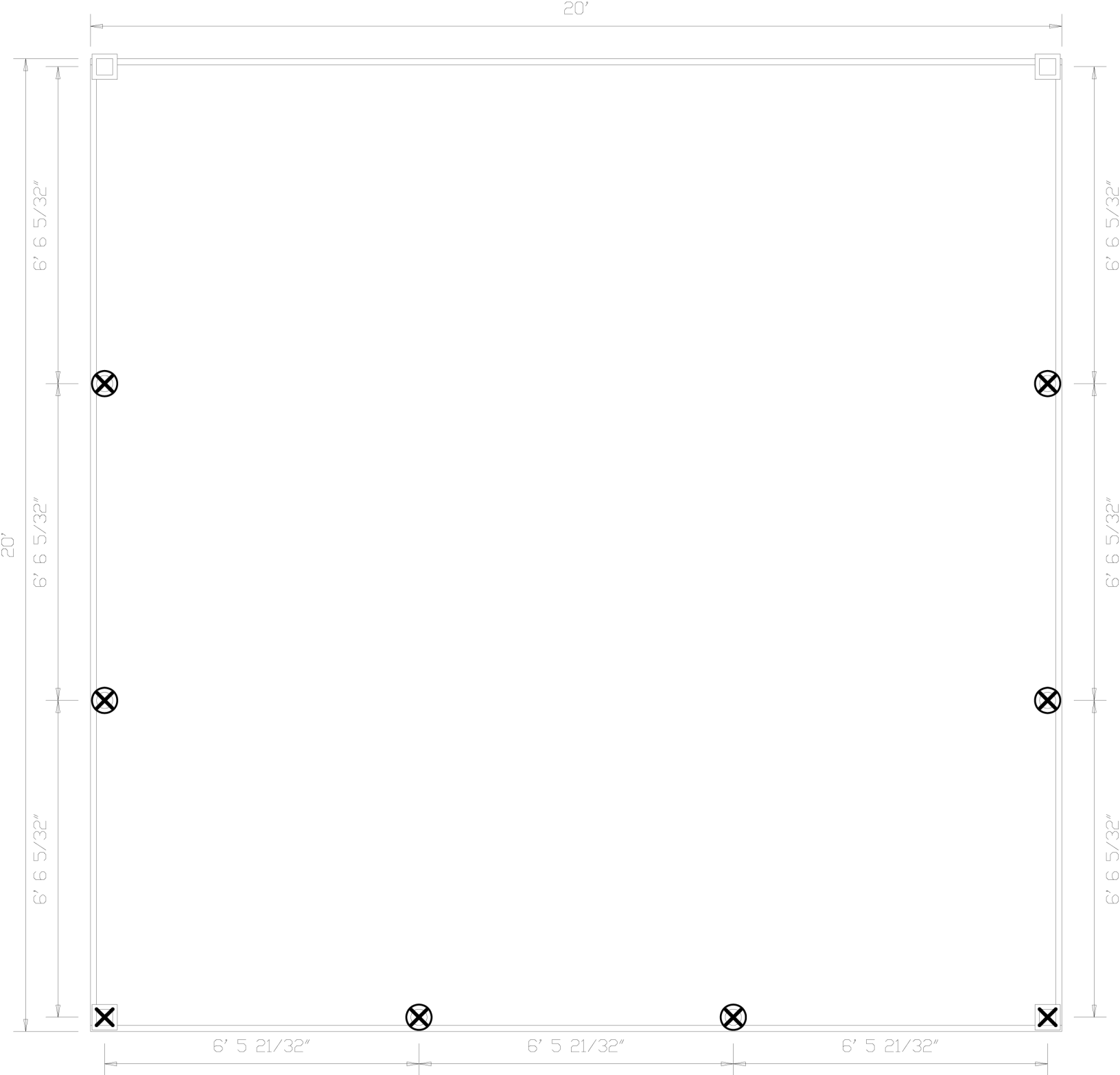
Rail Layout  
Post SKU



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



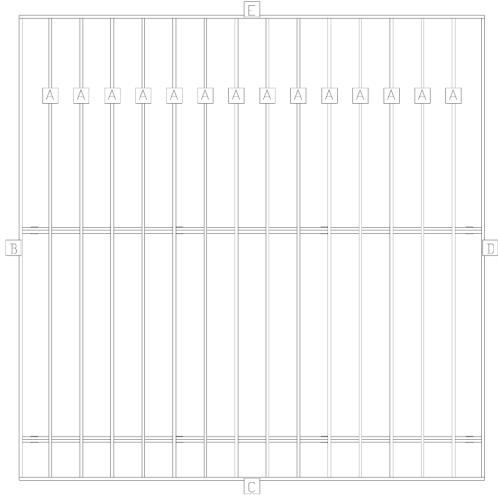
Railpost Layout



SKU

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

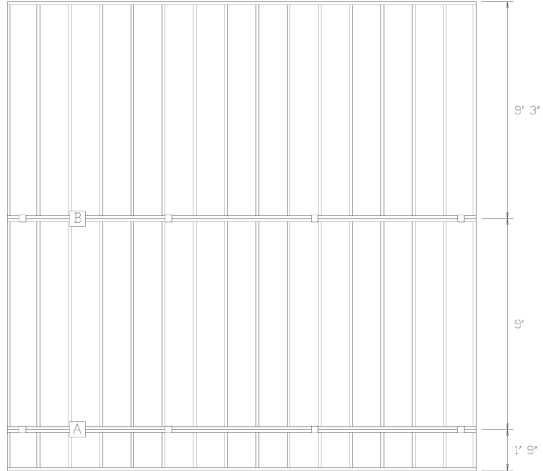




LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (14)	19' 9"		C rim	20'	
B rim	19' 9"		D rim	19' 9"	
			E rim	20'	

Cut List

Scale: 3/16" = 1'



BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	20'	4	6' 2 3/4"
B	20'	4	6' 2 3/4"

Post spacing is measured center-to-center.

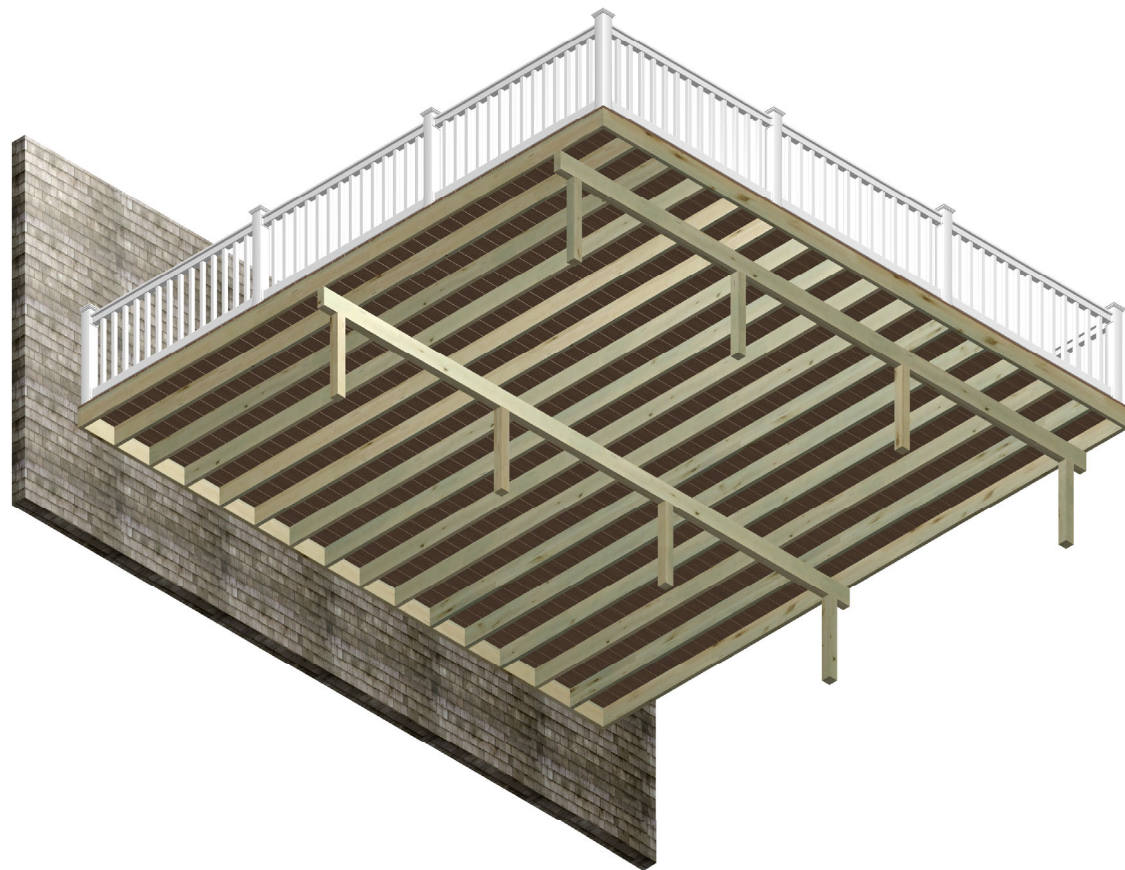
Depth of concrete footers --- 48"

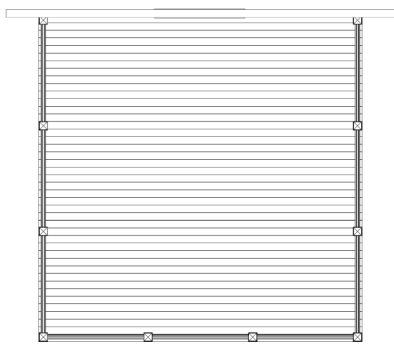
Beam Layout

Scale: 3/16" = 1'

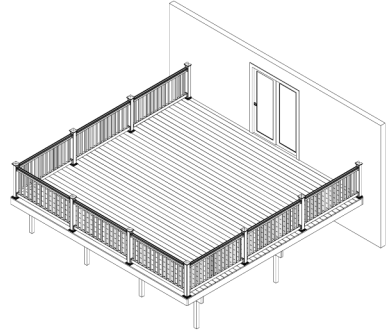




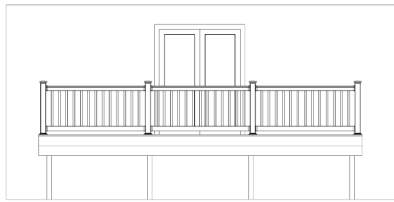




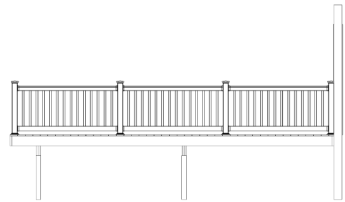
Plan View



Iso (Front,Right,Top) View



Front Elevation



Right View

Elevations

Scale: 1/8" = 1'