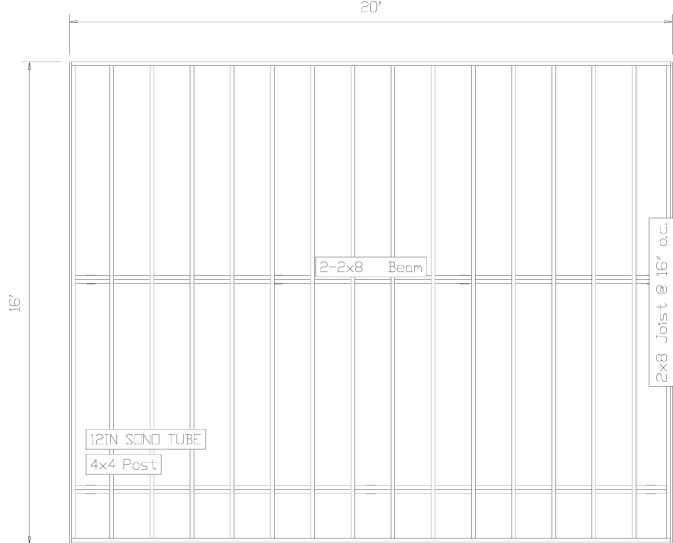


STRESS ANALYSIS

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	65 PSF	
		BENDING	57 PSF	
		SHEAR	62 PSF	
		COMPRESSION	271 PSF	57 PSF
POSTS	4X4	STABILITY	434 PSF	
		BEARING	407 PSF	407 PSF
		TOTAL LOAD		57 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		47 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

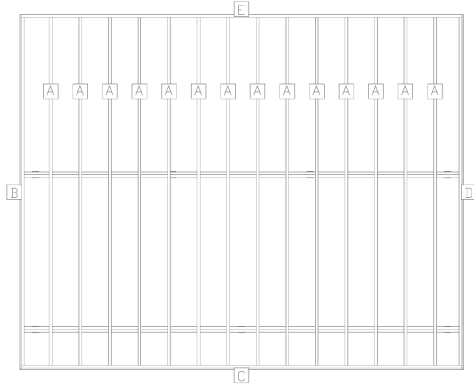
Rails Section	X-ref	Cut From
A		(8' Square Pickets, 36" Level, White)
B		(8' Square Pickets, 36" Level, White)
F		(8' Square Pickets, 36" Level, White)
G		(8' Square Pickets, 36" Level, White)
E		(8' Square Pickets, 36" Level, White)
C		(8' Square Pickets, 36" Level, White)
D		(8' Square Pickets, 36" Level, White)



Railpost Layout

- Post 
- SKU 

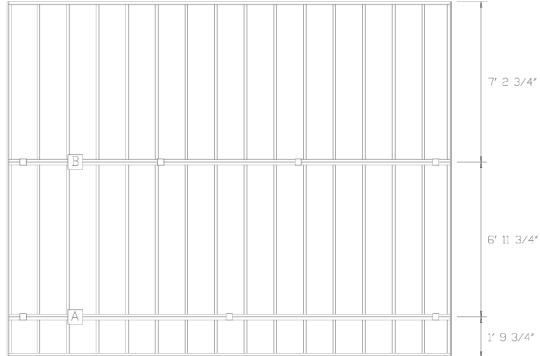
- Description
-  4"X4"x42" Post Sleeve, White
-  4"X4"x42" Post Sleeve, White
-  4"X4"x42" Post Sleeve, White



LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (14)	15' 8 1/4"		C rim	19' 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	20'	1)45 2)45	E rim	19' 10 1/2"	

Cut List

Scale: 3/16" = 1'



BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	19' 10 1/2"	3	9' 3 1/2"
B	19' 10 1/2"	4	6' 2 1/4"

Post spacing is measured center-to-center.

Depth of concrete footers --- 48"

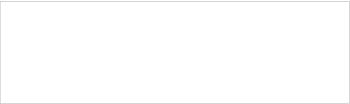
Beam Layout

Scale: 3/16" = 1'

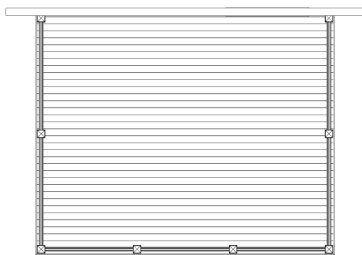
A) 19'11"
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Plank Layout

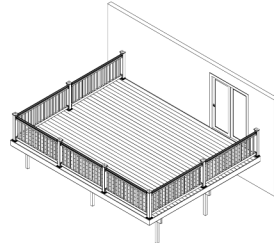
Scale: 1/4" = 1'



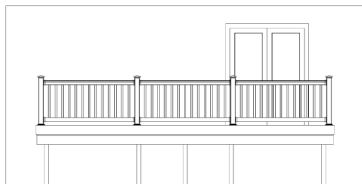




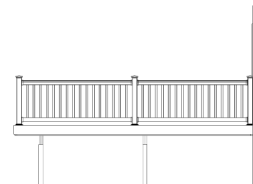
Plan View



Iso (Front,Right,Top) View



Front Elevation



Right View

Elevations

Scale: 1/8" = 1'

