

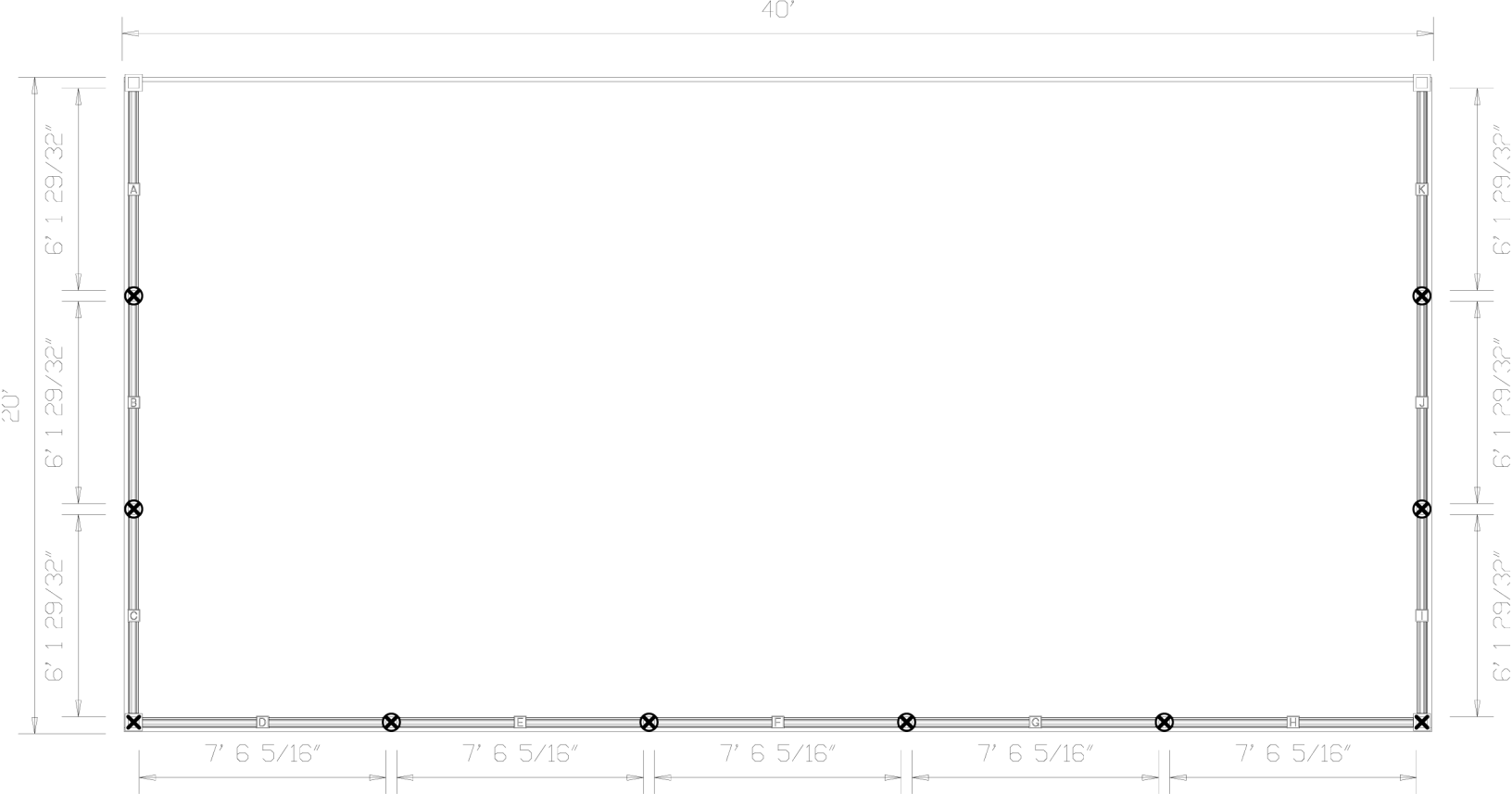
STRESS ANALYSIS

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION	135 PSF	
		BENDING	141 PSF	
		SHEAR	126 PSF	
		COMPRESSION	213 PSF	126 PSF
BEAMS	2-2X8	DEFLECTION	99 PSF	
		BENDING	73 PSF	
		SHEAR	57 PSF	
		COMPRESSION	211 PSF	57 PSF
POSTS	4X4	STABILITY	367 PSF	
		BEARING	345 PSF	345 PSF
		TOTAL LOAD		57 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		47 PSF



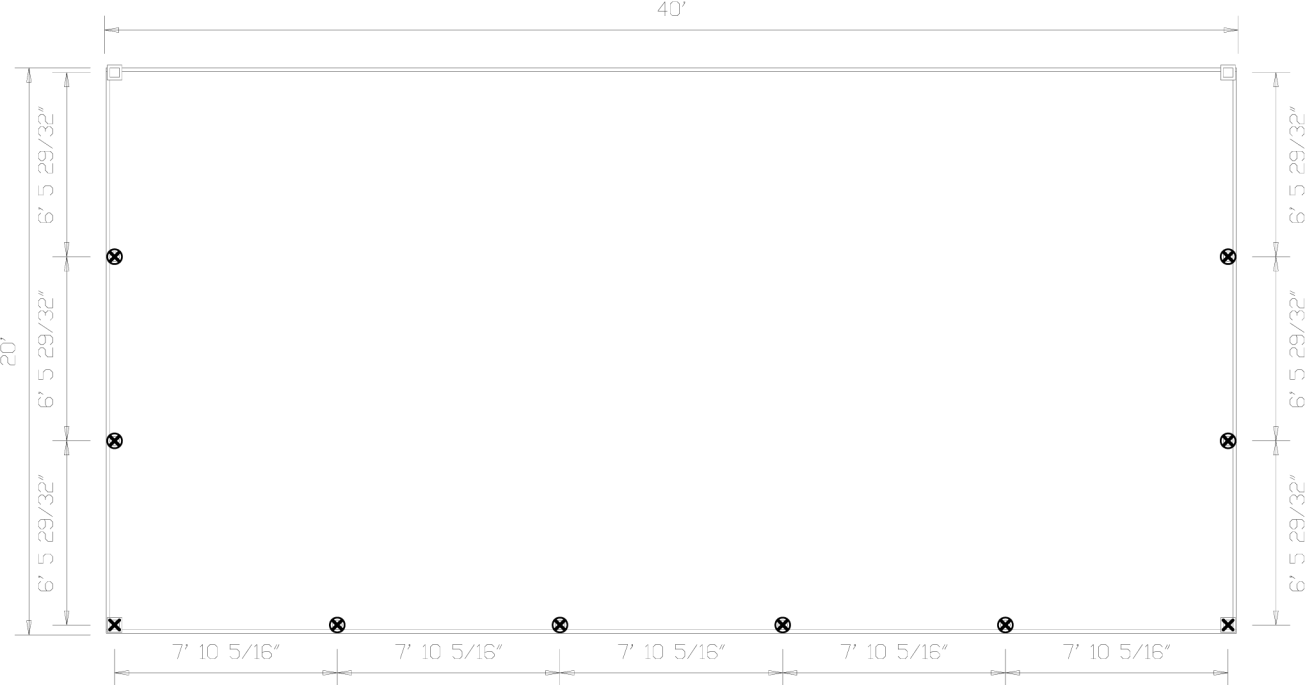
Plan View

Scale: 3/16" = 1'



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

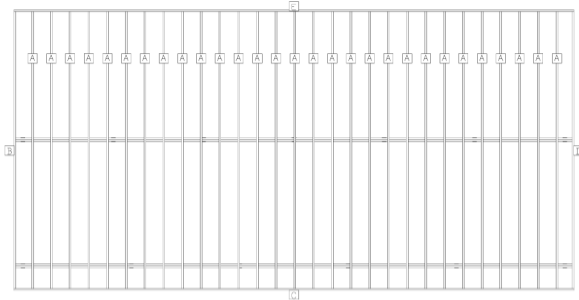
Rails Section	X-ref	Cut From
F		(8' Square Pickets, 36" Level, White)
D		(8' Square Pickets, 36" Level, White)
E		(8' Square Pickets, 36" Level, White)
G		(8' Square Pickets, 36" Level, White)
H		(8' Square Pickets, 36" Level, White)
C		(8' Square Pickets, 36" Level, White)
K		(8' Square Pickets, 36"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



Railpost Layout
Post SKU



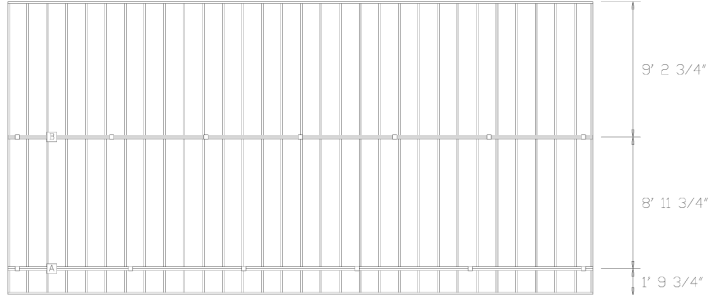
Description
 4"X4"x42" Post Sleeve, White
 4"X4"x42" Post Sleeve, White
 4"X4"x42" Post Sleeve, White



LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (29)	19' 8 1/4"		C rim	39' 10 1/2"	
B rim	19' 8 1/4"		D rim	19' 8 1/4"	
			E rim	39' 10 1/2"	

Cut List

Scale: 1/8" = 1'



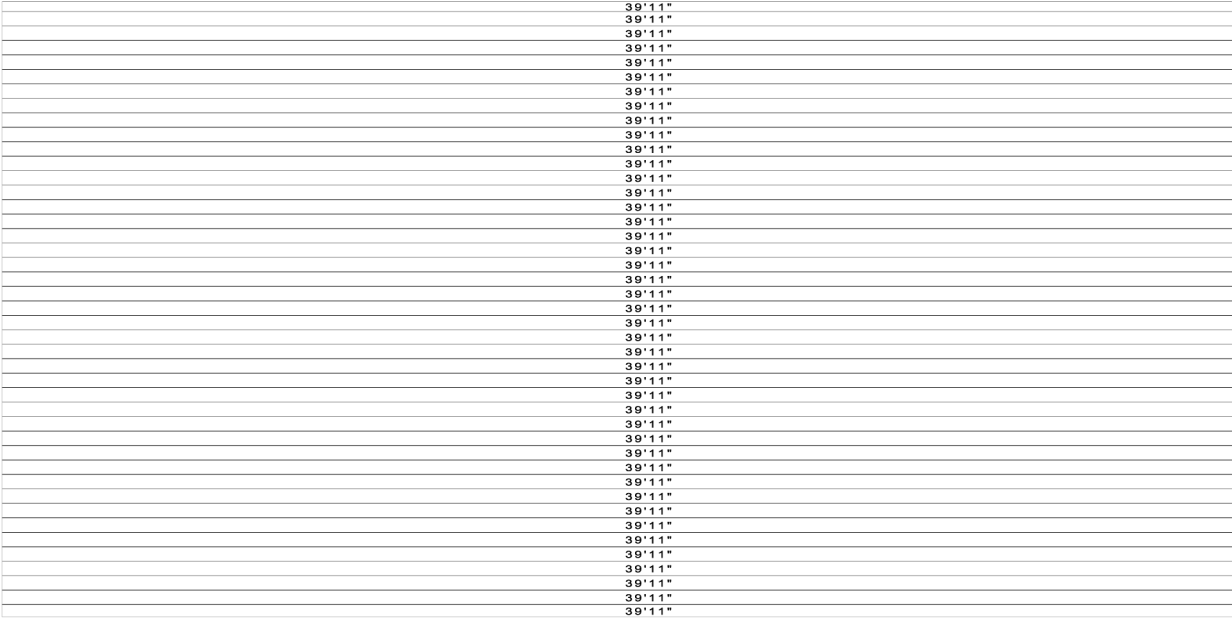
BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	39' 10 1/2"	6	7' 8 1/2"
B	39' 10 1/2"	7	6' 5 1/4"

Post spacing is measured center-to-center.

Depth of concrete footers --- 48"

Beam Layout

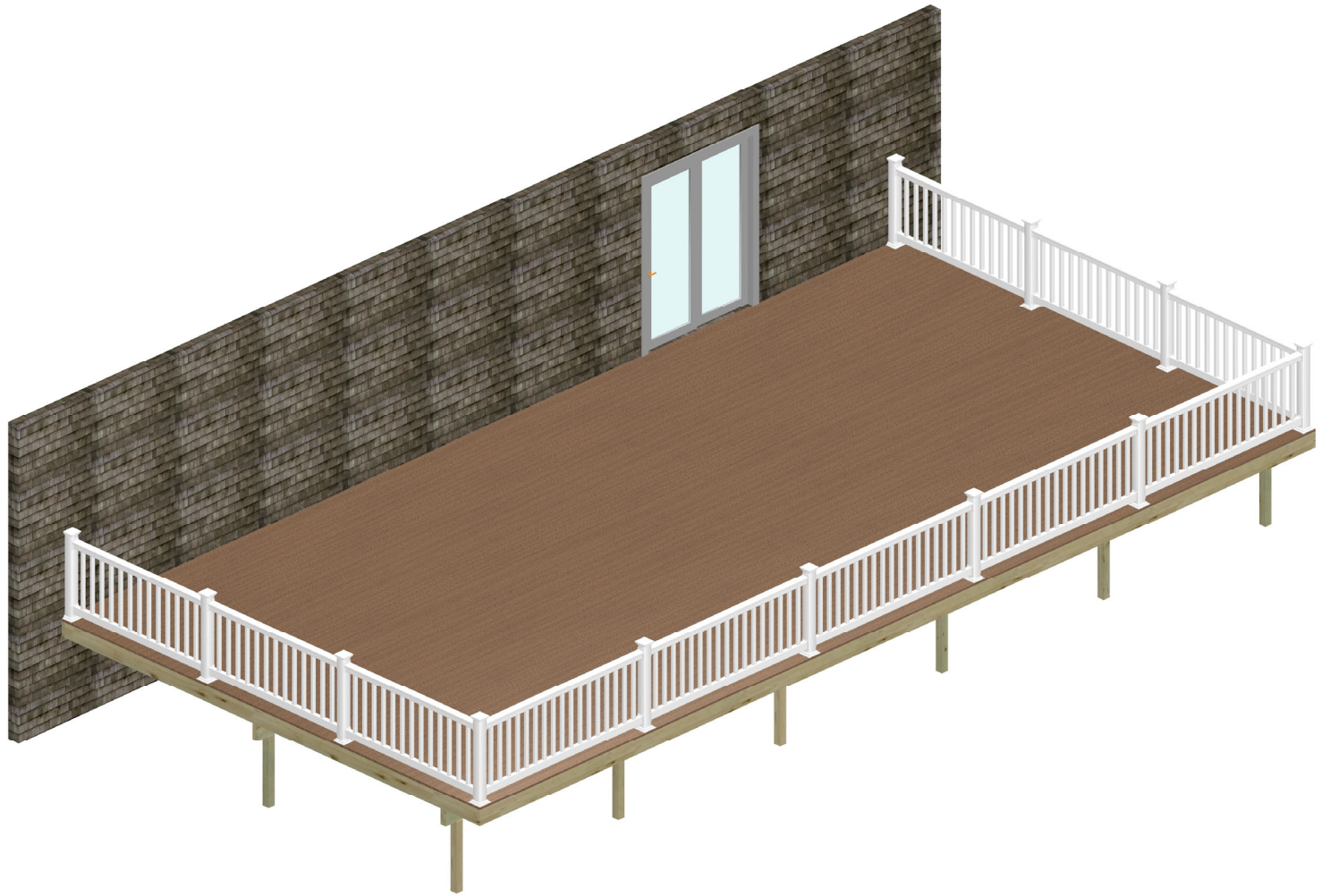
Scale: 1/8" = 1'

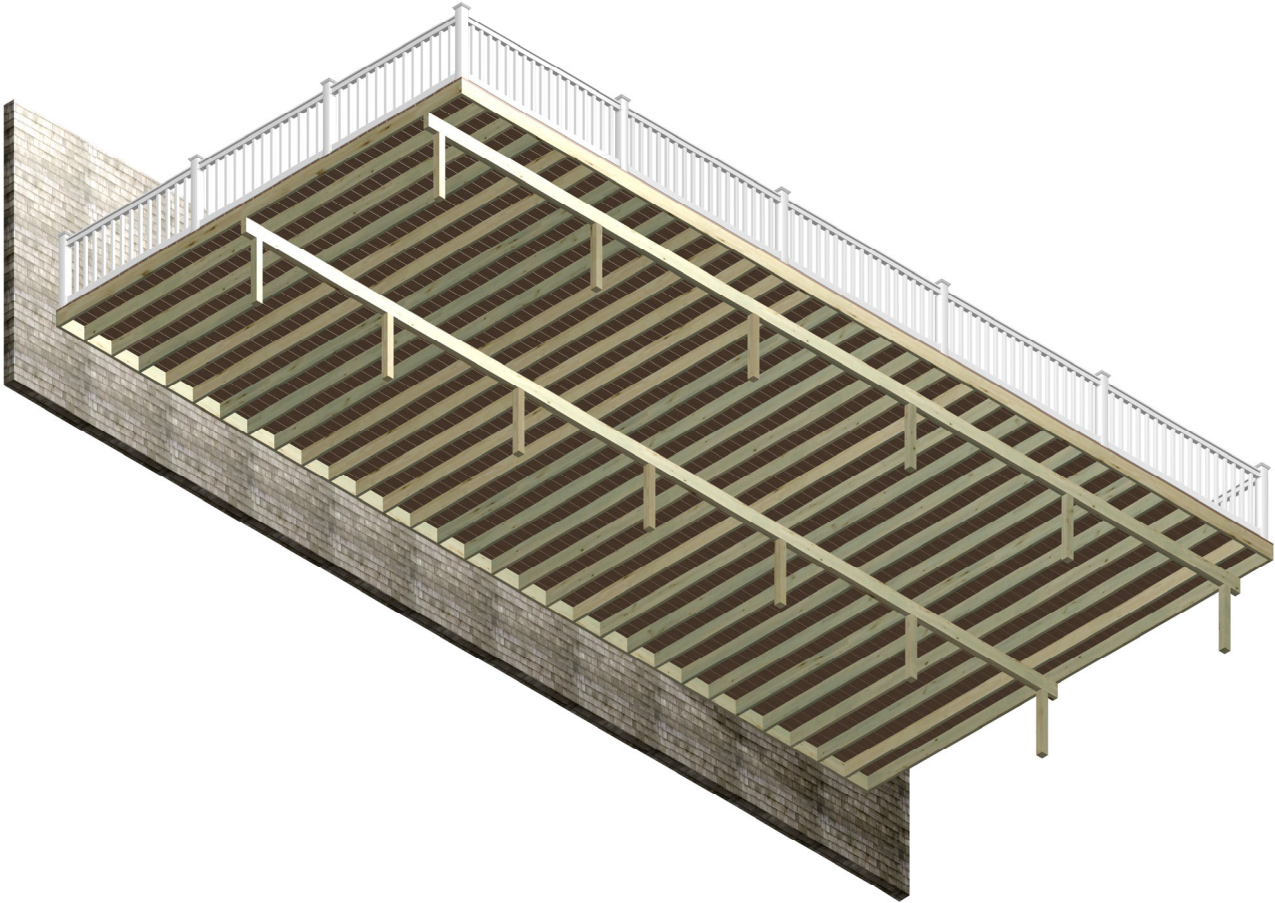


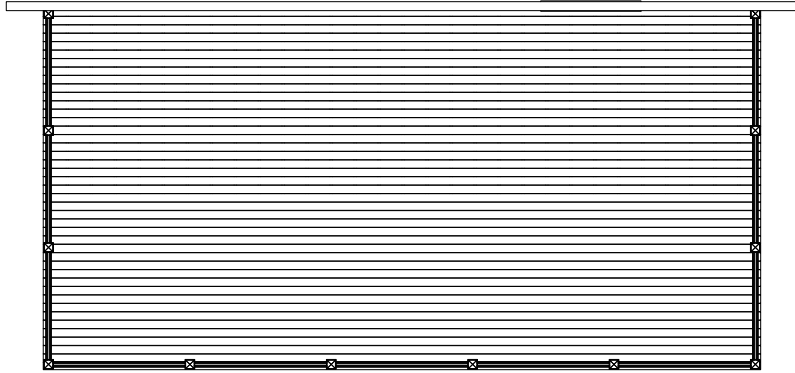
Plank Layout

Scale: 1/4" = 1'

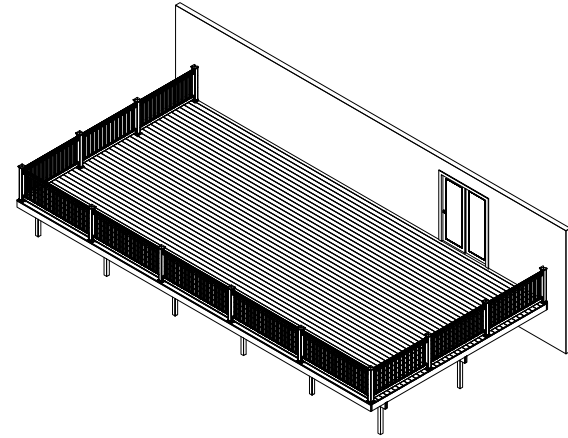




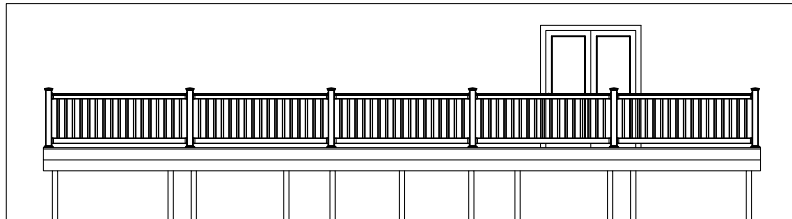




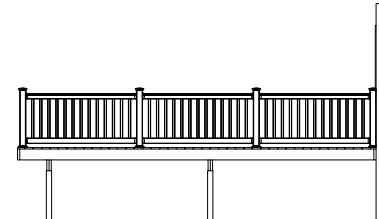
Plan View



Iso (Front,Right,Top) View



Front Elevation



Right View

Elevations
GENERIC CUSTOMER
10/25/19
Ref: 20x40
Scale: 3/32" = 1'

