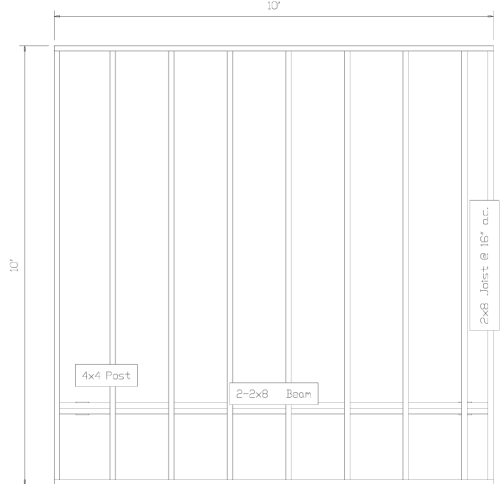


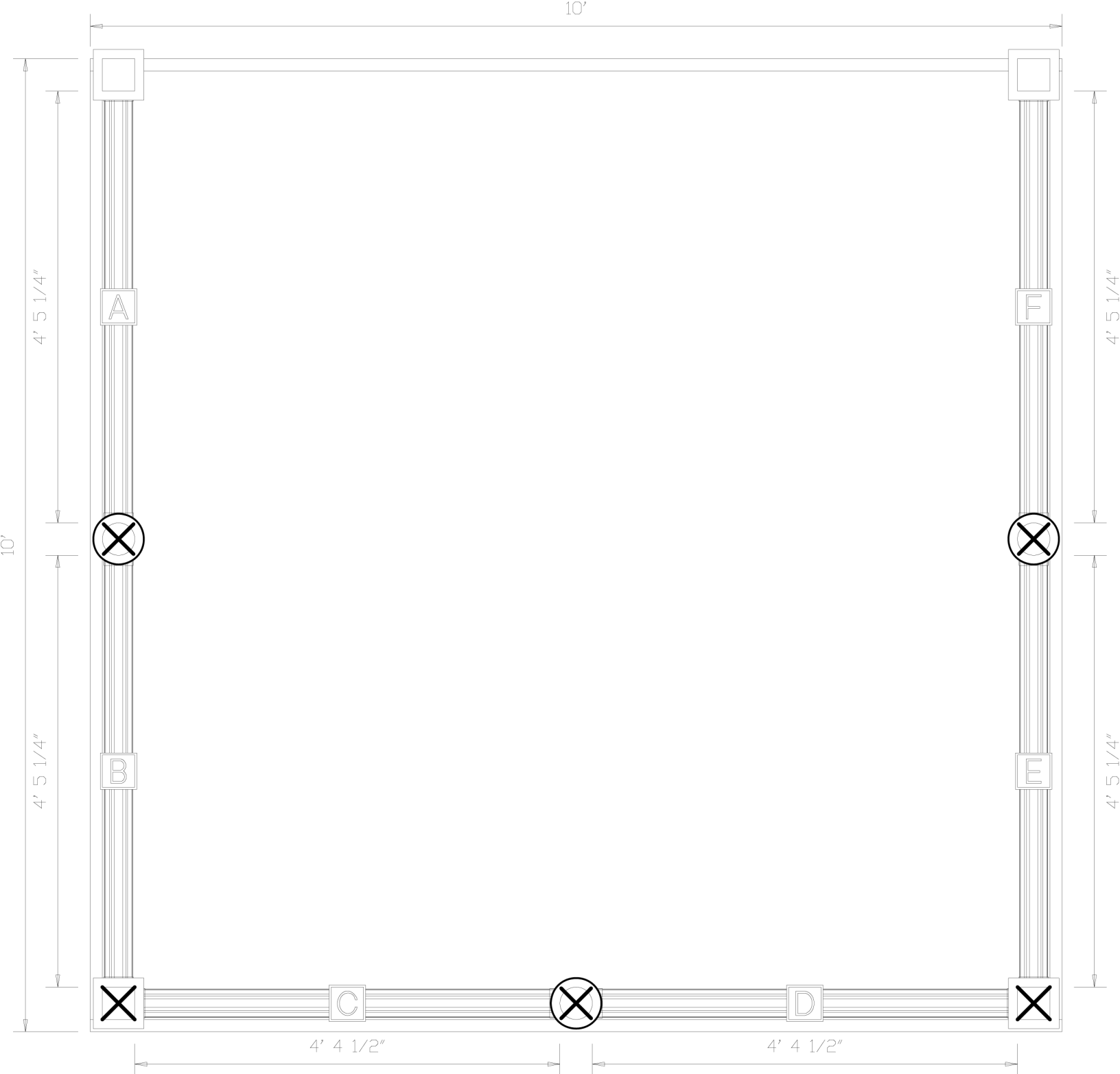
STRESS ANALYSIS

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION	186 PSF	
		BENDING	177 PSF	
		SHEAR	144 PSF	
		COMPRESSION	238 PSF	144 PSF
BEAMS	2-2X8	DEFLECTION	61 PSF	
		BENDING	52 PSF	
		SHEAR	56 PSF	
		COMPRESSION	335 PSF	52 PSF
POSTS	4X4	STABILITY	775 PSF	
		BEARING	727 PSF	727 PSF
		TOTAL LOAD		52 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		42 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

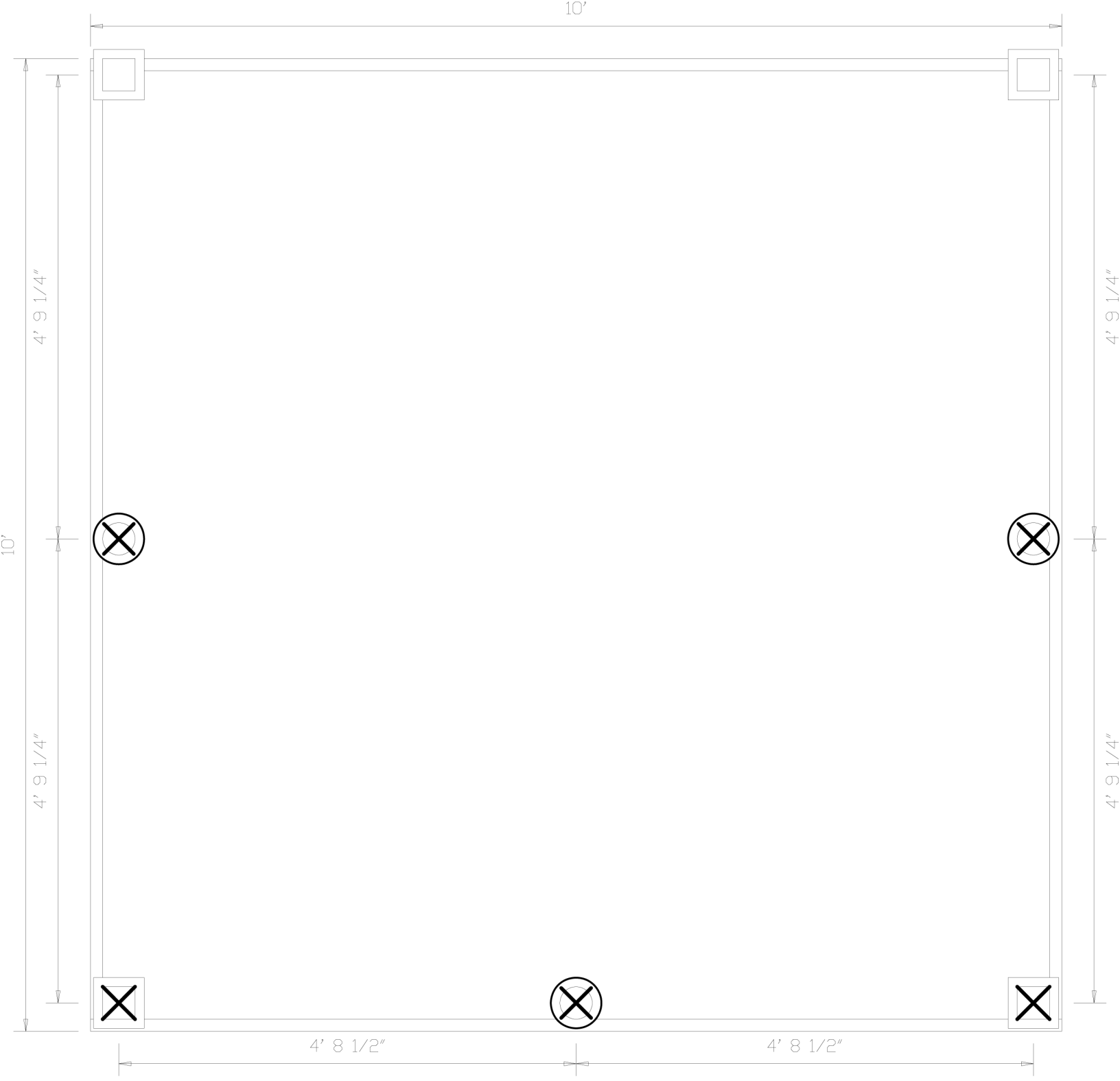
Rails
Section

X-ref

Cut From

- A, B
- E, F
- C, D

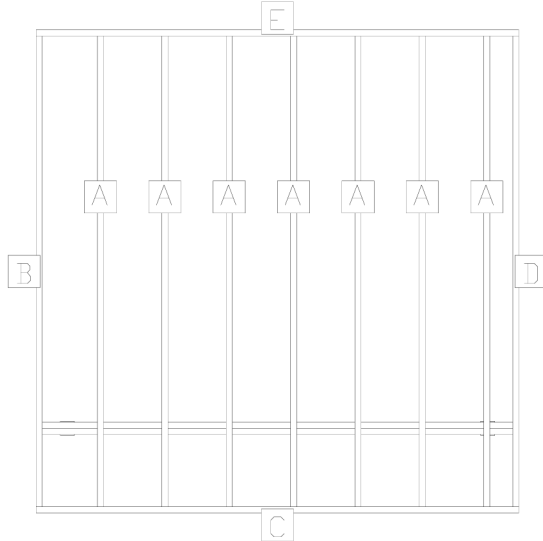
- (10' Square Pickets, 36" Level, White)
- (10' Square Pickets, 36" Level, White)
- (10' Square Pickets, 36" Level, White)



Railpost Layout
Post SKU



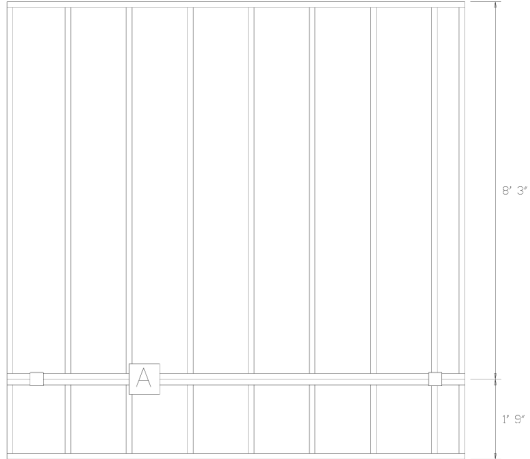
Description
 4"X4"x42" Post Sleeve, White
 4"X4"x42" Post Sleeve, White
 4"X4"x42" Post Sleeve, White



LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (7)	9' 9"		C rim	10'	
B rim	9' 9"		D rim	9' 9"	
			E rim	10'	

Cut List

Scale: 3/8" = 1'



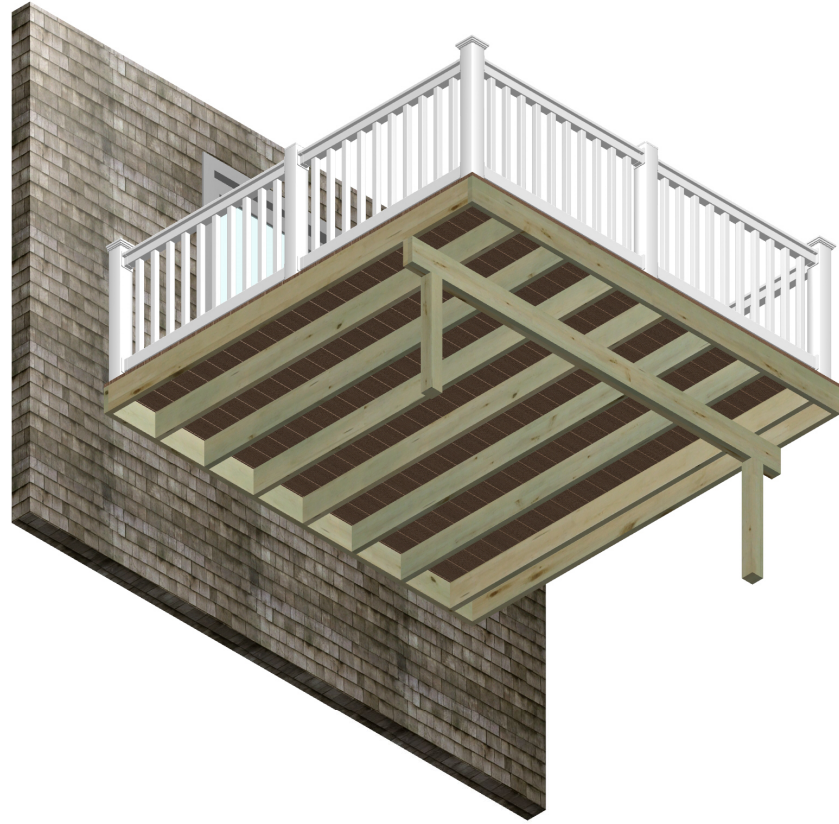
BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	10'	2	8' 8 1/2"

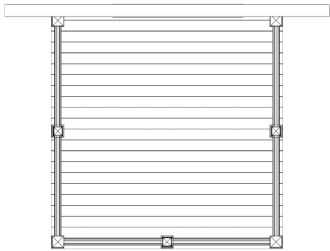
Post spacing is measured center-to-center.

Beam Layout

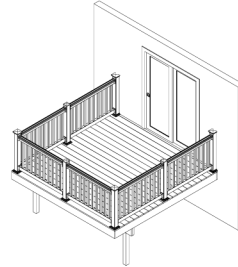
Scale: 3/8" = 1'



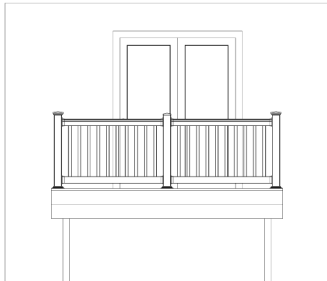




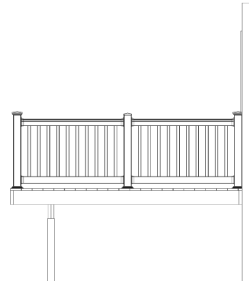
Plan View



Iso (Front,Right,Top) View



Front Elevation



Right View

Elevations

Scale: 3/16" = 1'