

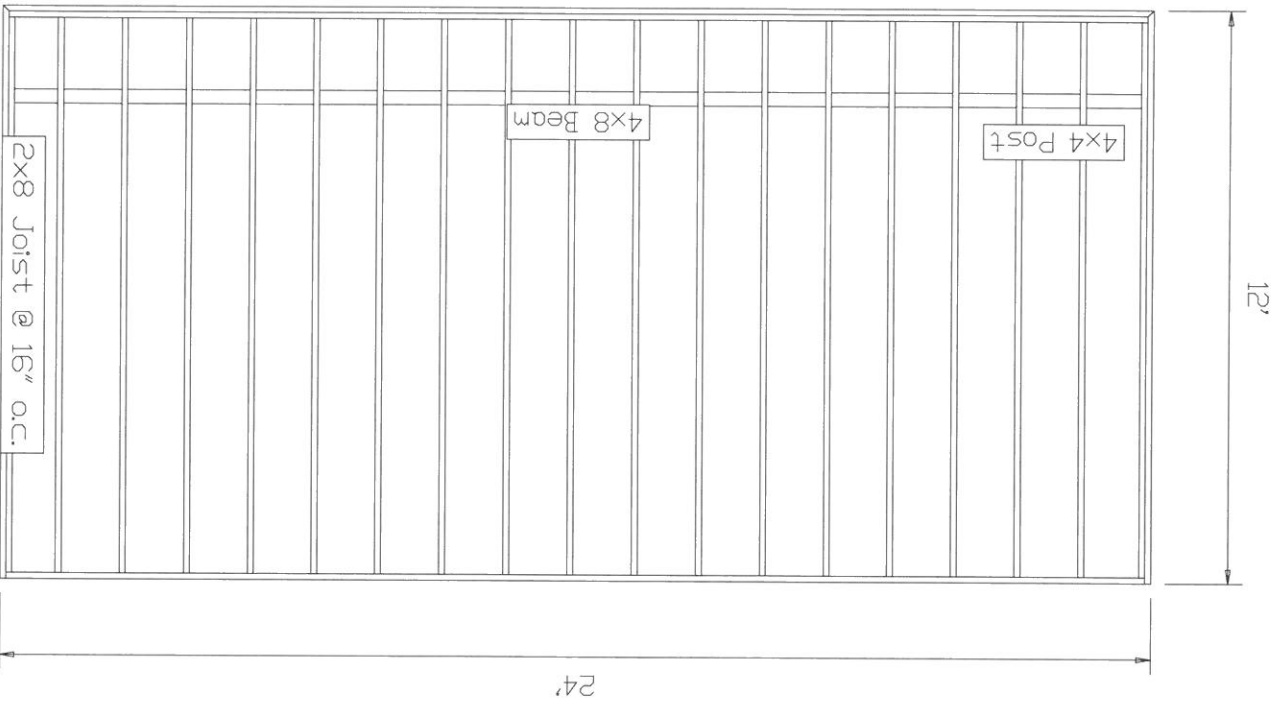
STRESS ANALYSIS

CUSTOMER: GENERIC CUSTOMER  
 DATE: 12/27/17 DESIGN: DECK17361 REF:  
 SALESMAN #

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION BENDING SHEAR COMPRESSION	105 PSF 117 PSF 113 PSF 226 PSF	105 PSF
BEAMS	4X8	DEFLECTION BENDING SHEAR COMPRESSION	109 PSF 82 PSF 73 PSF 335 PSF	73 PSF
POSTS	4X4	STABILITY BEARING	419 PSF 459 PSF	419 PSF
		TOTAL LOAD		73 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		63 PSF

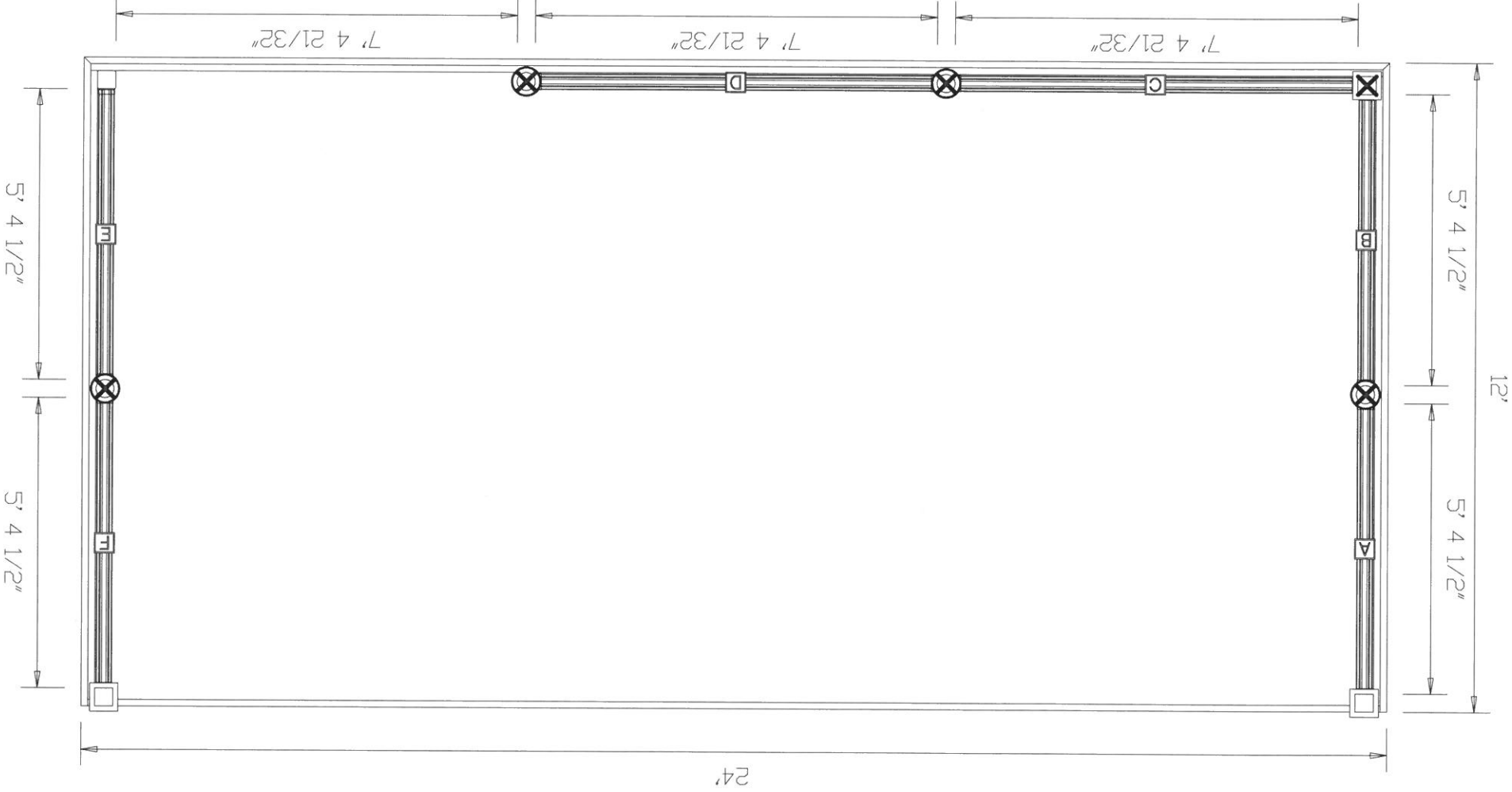
Plan View  
GENERIC CUSTOMER  
12/27/17  
Ref: Deck17361  
Scale: 1/4" = 1'

Store Name  
123 Street Rd.  
City, ST  
(800) 555 1212



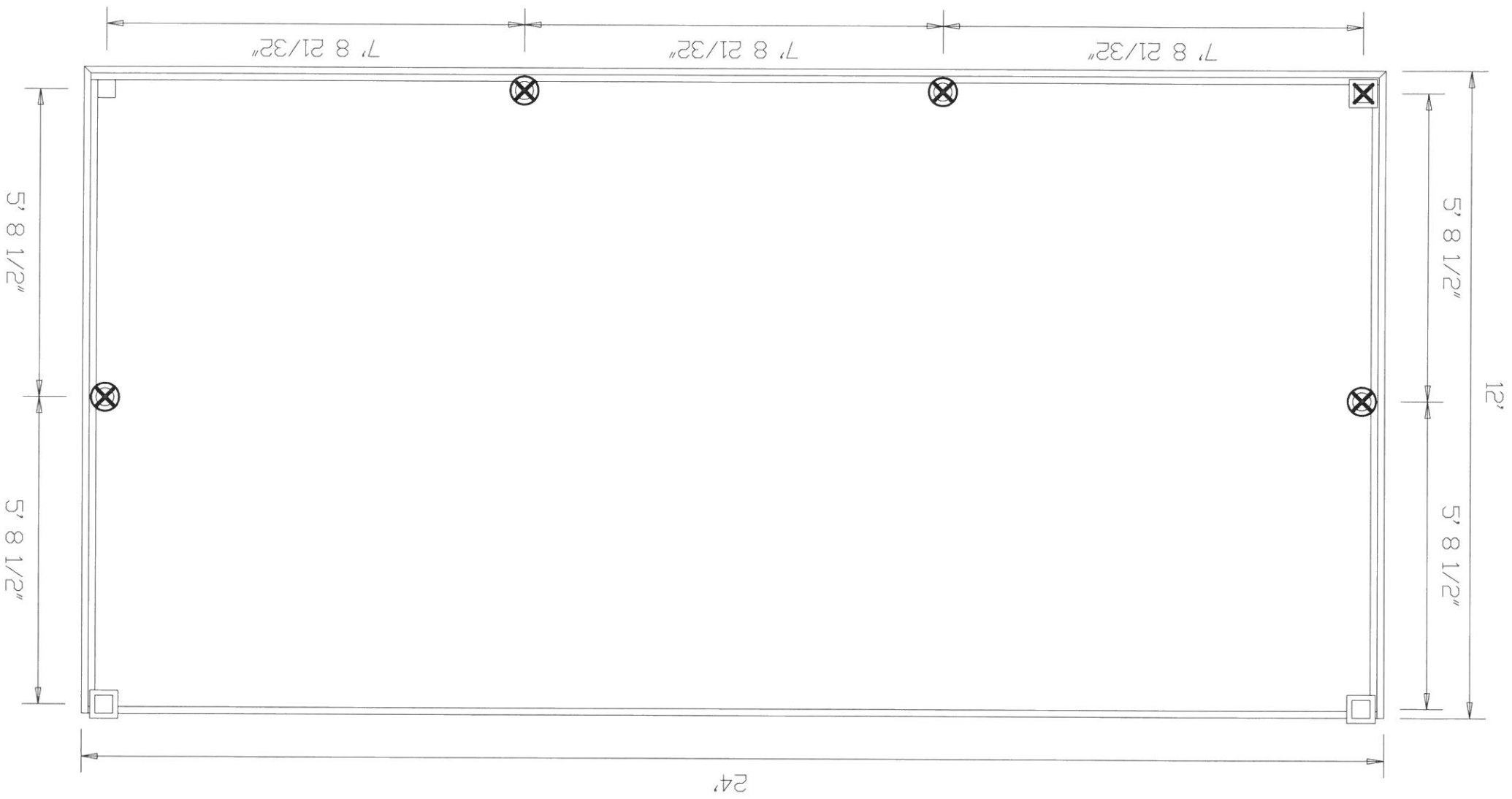
Rails	Section	X-ref	Cut From
D	DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)		
C	DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)		
E	DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)		
A	DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)		
F	DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)		
B	DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)		

Post	SKU	Description
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White



Design: Deck17361

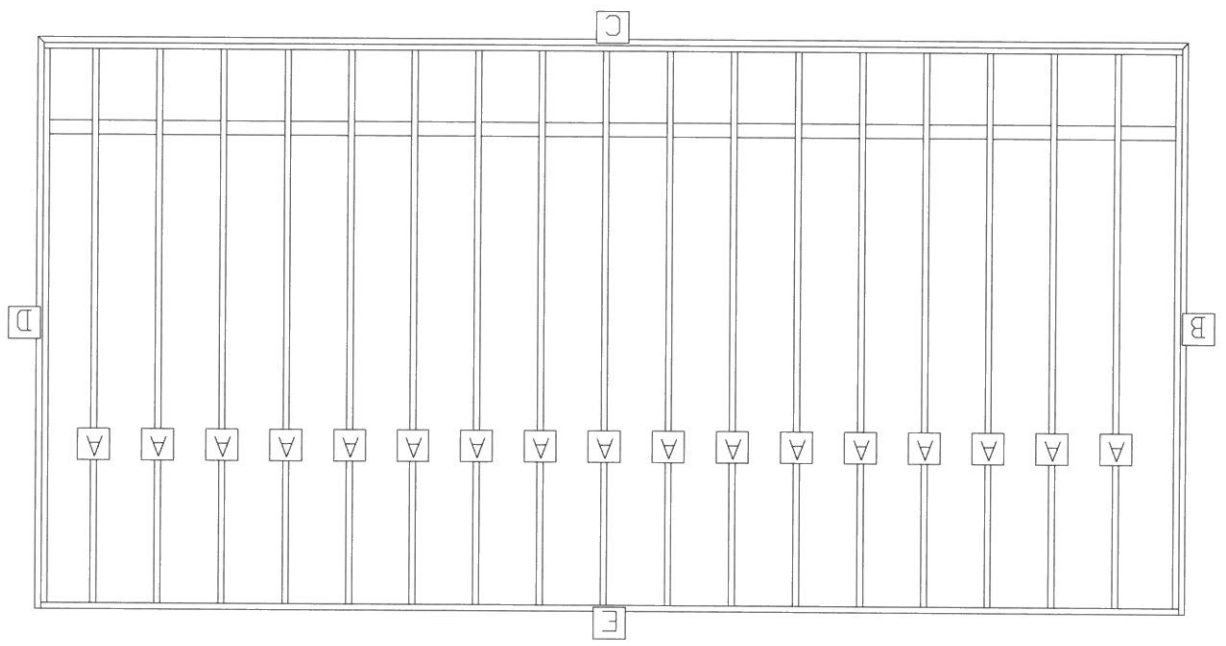
Post	SKU	Description
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White



Cut List  
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LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A Joist (17)	11' 7 1/2"	12'	C rim	23' 9"	1(45 2)0
B fascia	12'	12'	D fascia	12'	1(45 2)0
B rim	11' 7 1/2"	11' 7 1/2"	D rim	11' 7 1/2"	
C fascia	24'	1)45 2)45	E rim	23' 9"	



Beam Layout  
 GENERIC CUSTOMER  
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Post spacing is measured center-to-center.

BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	23' 9"	4	7' 5 3/4"

