

STRESS ANALYSIS

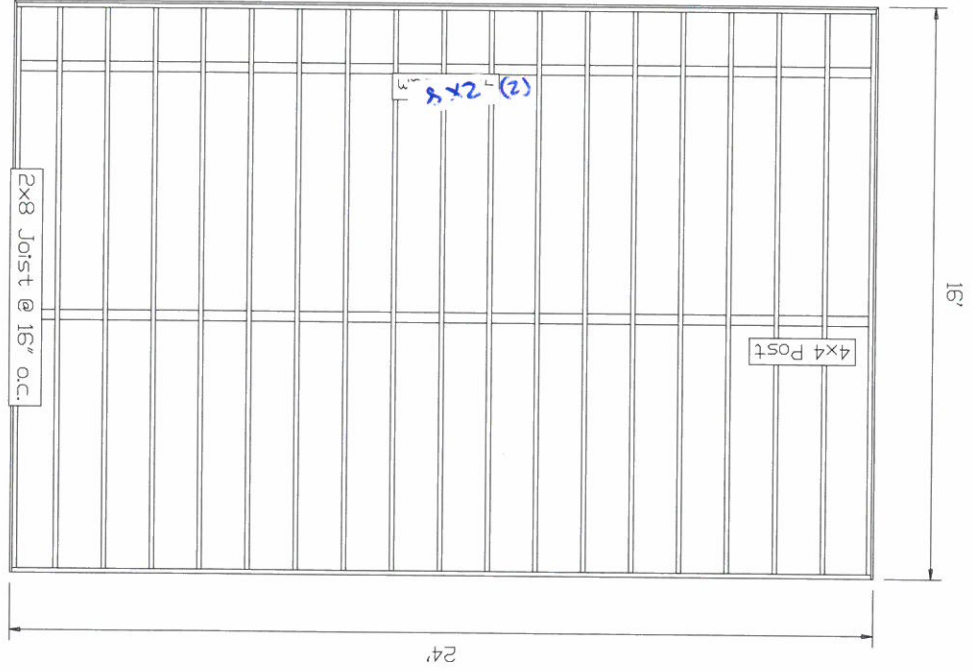
CUSTOMER: GENERIC CUSTOMER  
 DATE: 02/27/15 DESIGN: DECK15058 REF:  
 SALESMAN #

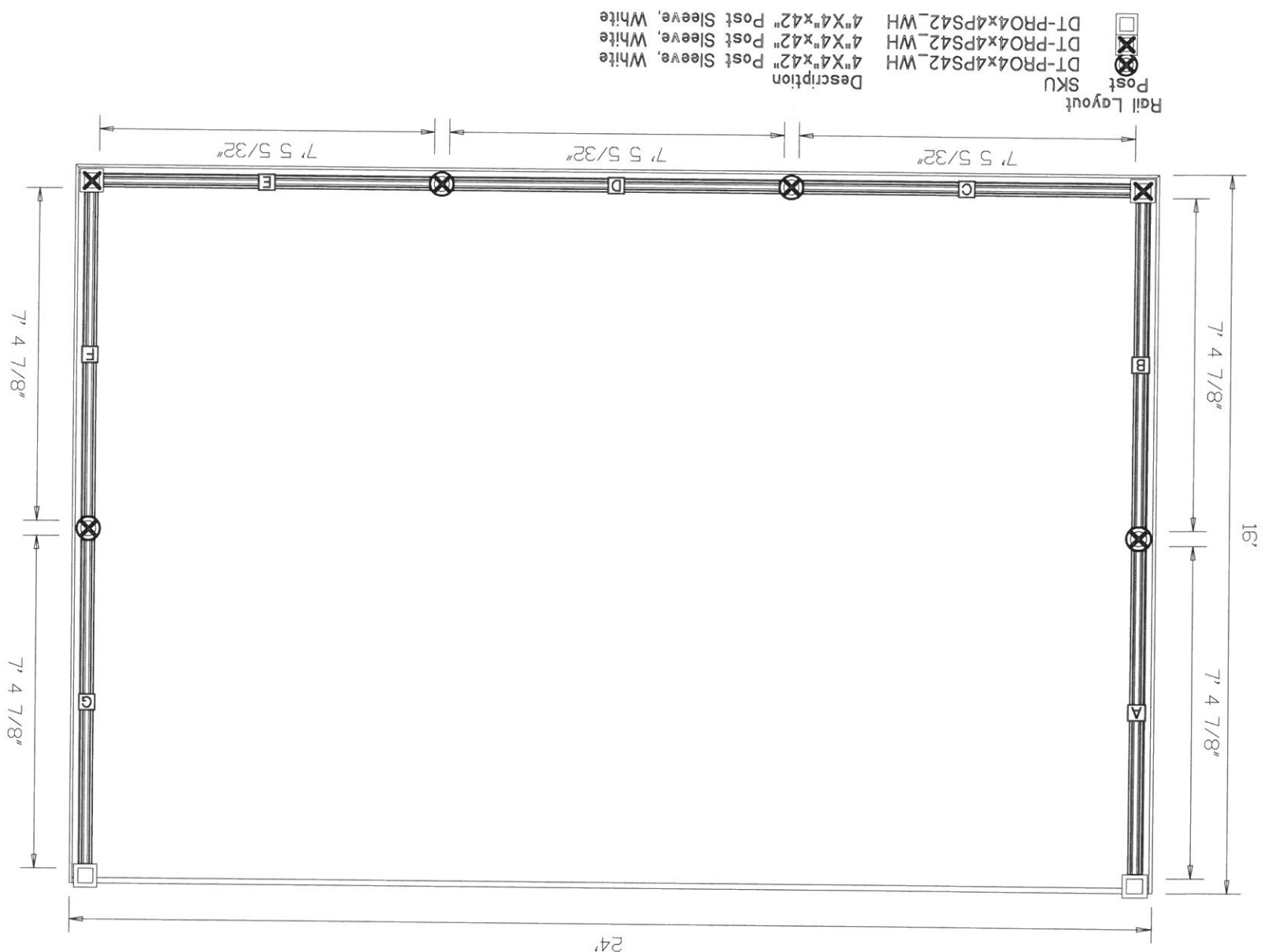
MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION BENDING SHEAR COMPRESSION	278 PSF 235 PSF 171 PSF 320 PSF	171 PSF
BEAMS	(2) 2x8	DEFLECTION BENDING SHEAR COMPRESSION	102 PSF 76 PSF 68 PSF 317 PSF	68 PSF
POSTS	4X4	STABILITY BEARING	394 PSF 432 PSF	394 PSF
		TOTAL LOAD		68 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		58 PSF

16x24

Plan View  
GENERIC CUSTOMER  
02/27/15  
Ref: Deck15058  
Scale: 3/16" = 1'

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





**Rails Section X-ref**

**Cut From**

DT-PRO_36SP72L-WH (6" Level, White)	DT-PRO_36SP72L-WH (6" Square Pickets, 36" Level, White)
DT-PRO_36SP72L-WH (6" Level, White)	DT-PRO_36SP72L-WH (6" Square Pickets, 36" Level, White)
DT-PRO_36SP72L-WH (6" Level, White)	DT-PRO_36SP72L-WH (6" Square Pickets, 36" Level, White)
DT-PRO_36SP72L-WH (6" Level, White)	DT-PRO_36SP72L-WH (6" Square Pickets, 36" Level, White)
DT-PRO_36SP72L-WH (6" Level, White)	DT-PRO_36SP72L-WH (6" Square Pickets, 36" Level, White)
DT-PRO_36SP72L-WH (6" Level, White)	DT-PRO_36SP72L-WH (6" Square Pickets, 36" Level, White)
DT-PRO_36SP96L-WH (8" Level, White)	DT-PRO_36SP96L-WH (8" Square Pickets, 36" Level, White)
DT-PRO_36SP96L-WH (8" Level, White)	DT-PRO_36SP96L-WH (8" Square Pickets, 36" Level, White)
DT-PRO_36SP96L-WH (8" Level, White)	DT-PRO_36SP96L-WH (8" Square Pickets, 36" Level, White)



Beam Layout  
 GENERIC CUSTOMER  
 02/27/15  
 Ref: Deck15058  
 Scale: 3/16" = 1'

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

Post spacing is measured center-to-center.

BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	23' 10 1/2"	4	7' 6 1/4"
B	23' 10 1/2"	4	7' 6 1/4"

