

STRESS ANALYSIS

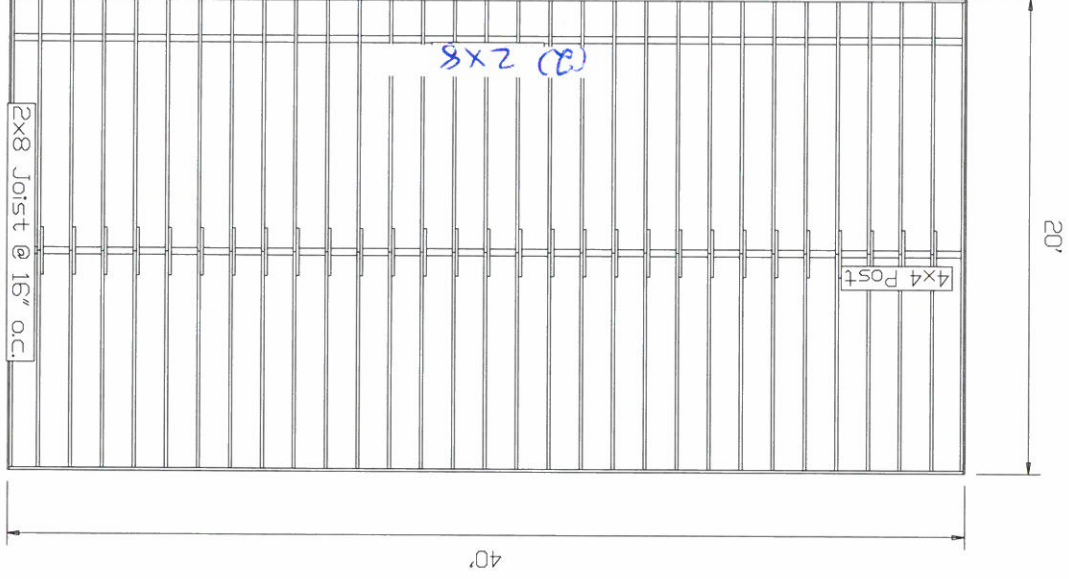
CUSTOMER: GENERIC CUSTOMER
 DATE: 02/27/15 DESIGN: DECK15058 REF:
 SALESMAN #

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION BENDING SHEAR COMPRESSION	136 PSF 142 PSF 126 PSF 249 PSF	126 PSF
BEAMS	2 2x8	DEFLECTION BENDING SHEAR COMPRESSION	62 PSF 54 PSF 53 PSF 247 PSF	53 PSF
POSTS	4X4	STABILITY BEARING	306 PSF 335 PSF	306 PSF
		TOTAL LOAD		53 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		43 PSF

20x40

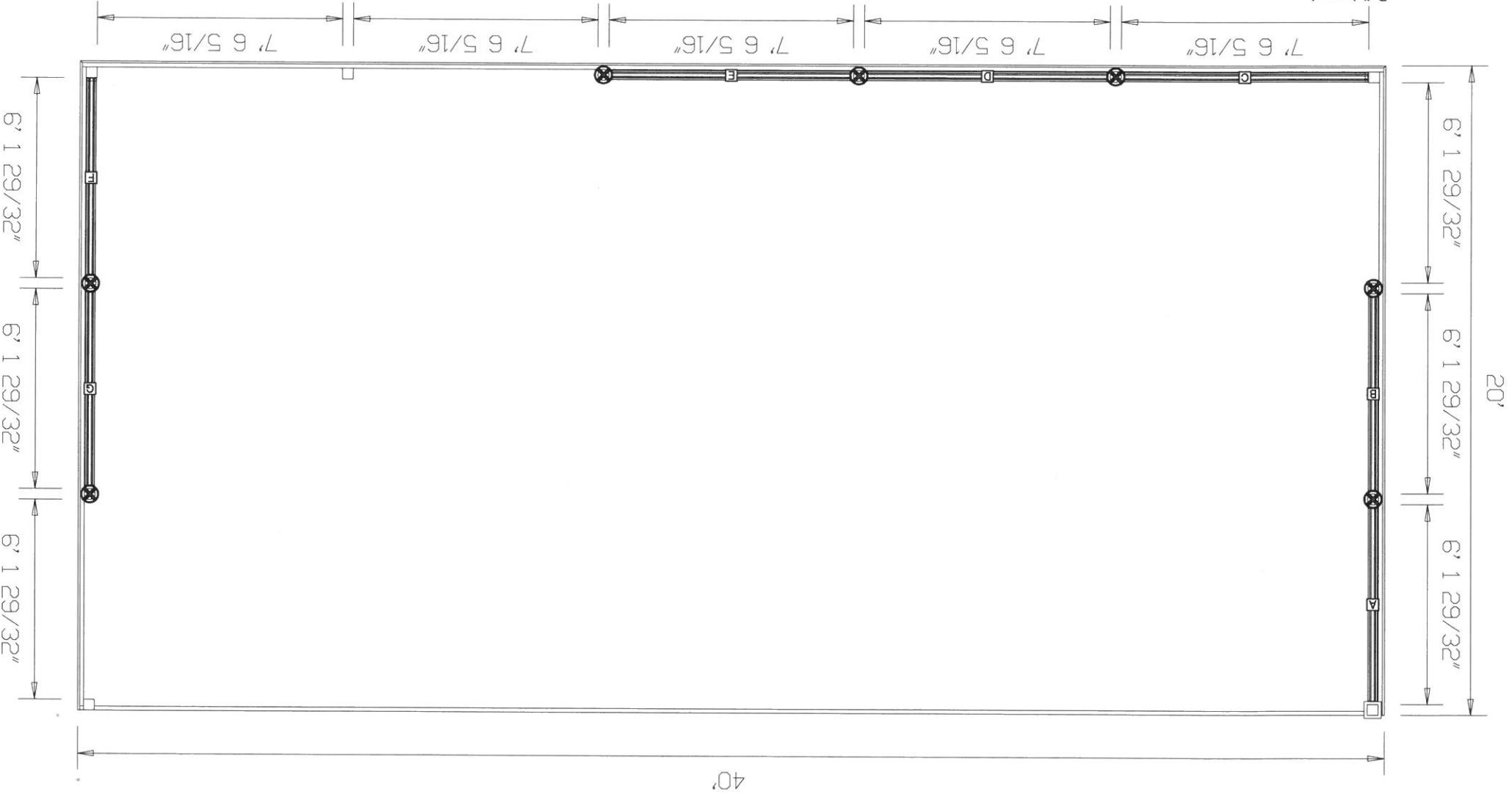
Plan View
GENERIC CUSTOMER
02/27/15
Ref: Deck15058
Scale: 1/8" = 1'

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



Section	X-ref	Cut From
Rails		
B		DT-PRO_36SP72L_WH (6) Square Pickets, 36" Level, White)
G		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)
E		DT-PRO_36SP96L_WH (8) Square Pickets, 36" Level, White)
C		DT-PRO_36SP96L_WH (8) Square Pickets, 36" Level, White)
D		DT-PRO_36SP96L_WH (8) Square Pickets, 36" Level, White)

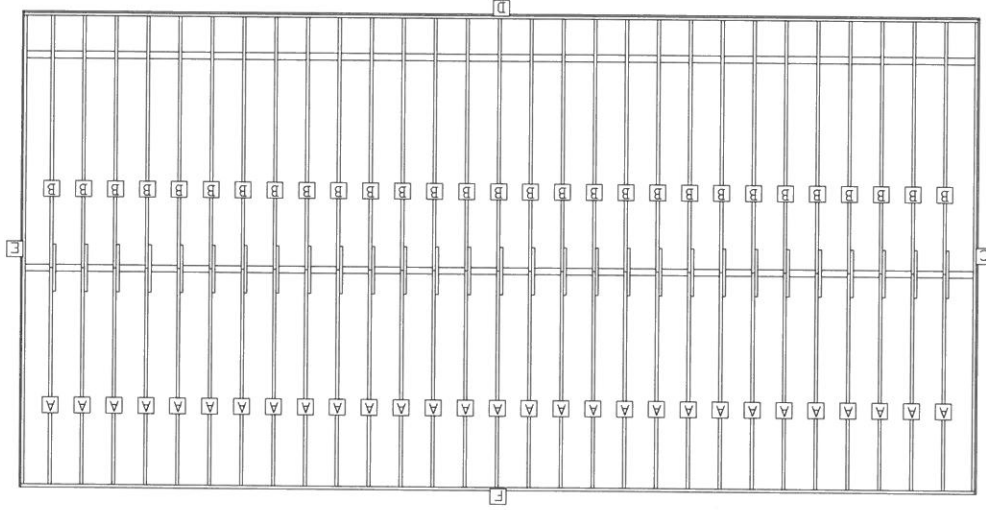
Post	SKU	Description
	DT-PRO44PS42_WH	4"X4"X42" Post Sleeve, White
	DT-PRO44PS42_WH	4"X4"X42" Post Sleeve, White



Cut List
 GENERIC CUSTOMER
 02/27/15
 Ref: Deck15058
 Scale: 1/8" = 1'

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

LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (29)	9' 1 1/4"	1)45	D fascia	40'	1)45
B joist (29)	10' 7 1/4"	2)45	D rim	39' 10 1/2"	2)0
C fascia	20'	1)0	E fascia	20'	2)0
C rim	19' 8 1/4"		E rim	19' 8 1/4"	
			F rim	39' 10 1/2"	



Beam Layout
 GENERIC CUSTOMER
 02/27/15
 Ref: Deck15058
 Scale: 1/8" = 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	39' 10 1/2"	6	7' 8 1/2"
B	39' 10 1/2"	5	9' 7 3/4"

