

STRESS ANALYSIS

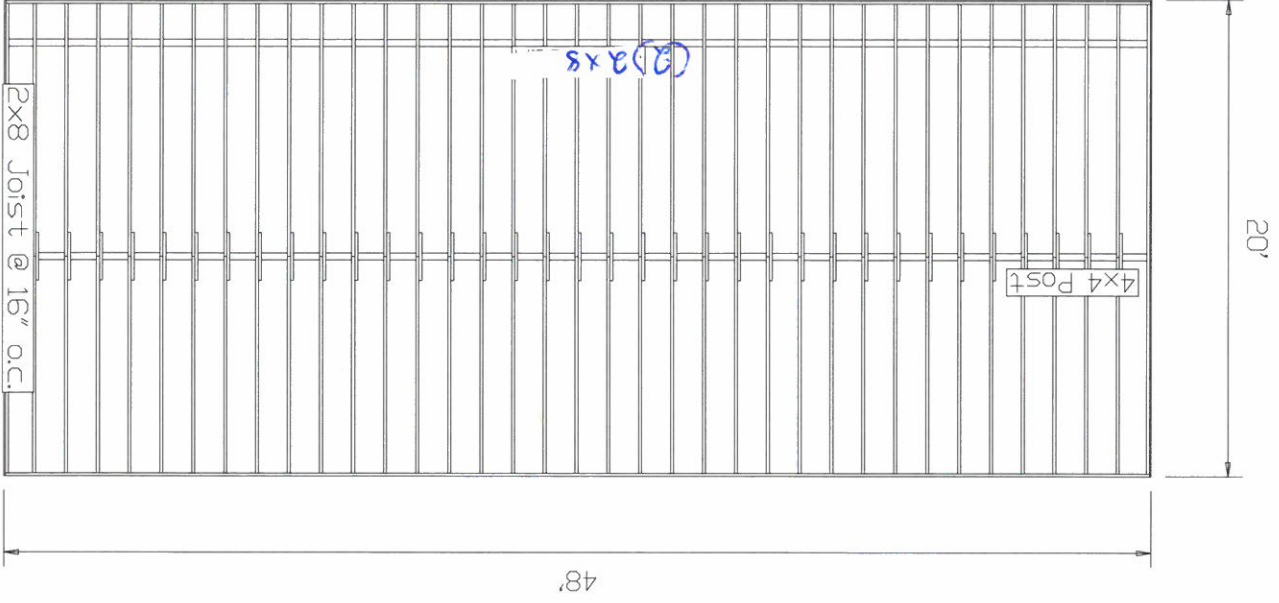
CUSTOMER: GENERIC CUSTOMER
 DATE: 02/27/15 DESIGN: DECK15058 REF:
 SALESMAN #

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	68 PSF 58 PSF 52 PSF 247 PSF	52 PSF
POSTS	4X4	STABILITY BEARING	306 PSF 335 PSF	306 PSF
		TOTAL LOAD DEAD LOAD LIVE LOAD		52 PSF 10 PSF 42 PSF

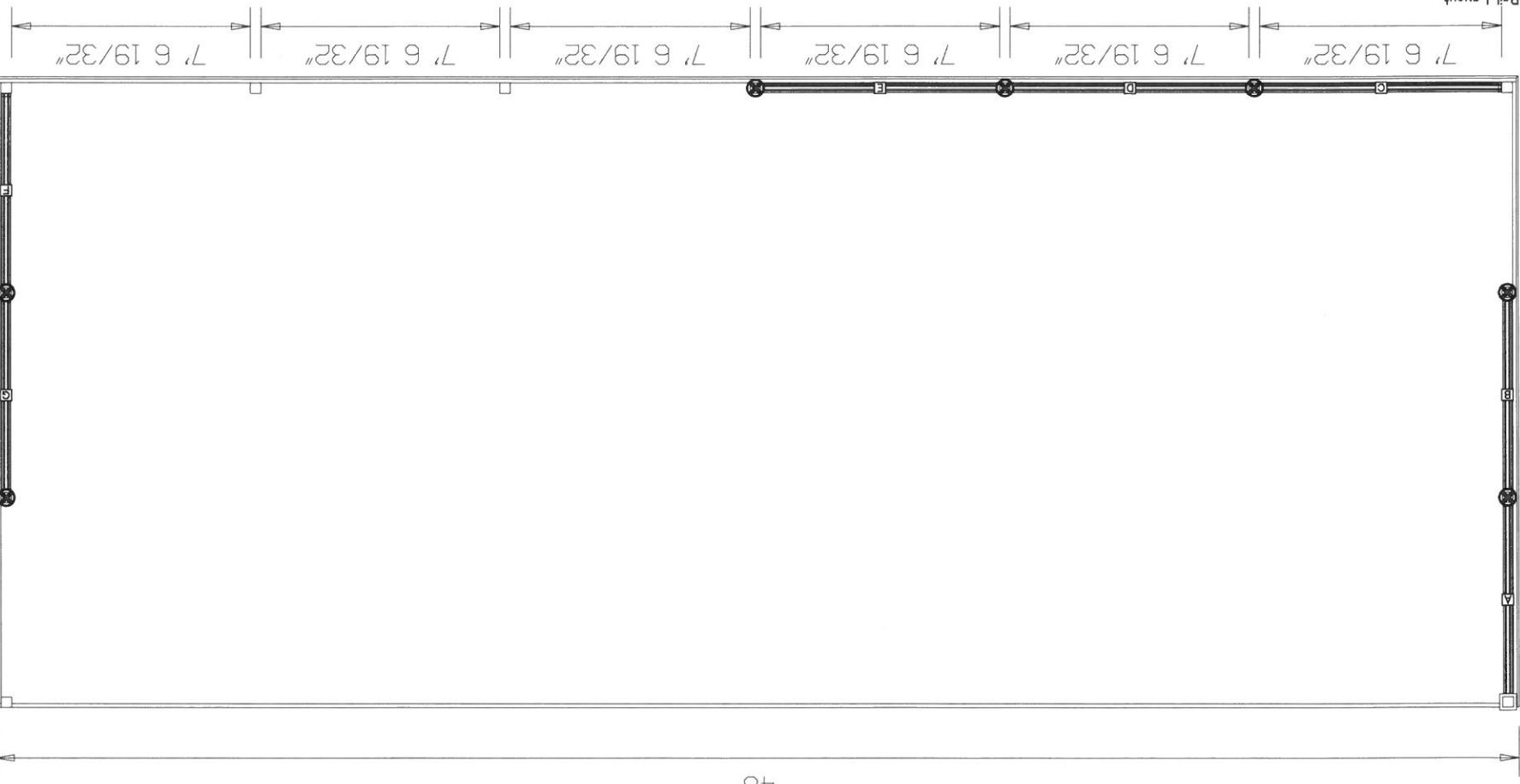
20x46

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

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



20'



Hall Layout

Post	SKU	Description
⊗	DT-PRO4x4PS42_WH	4"x4"x42" Post Sleeve, White
⊕	DT-PRO4x4PS42_WH	4"x4"x42" Post Sleeve, White

Rails Section X-ref

Section	X-ref
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_36SP96L_WH (8' 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)

Design: Deck15058

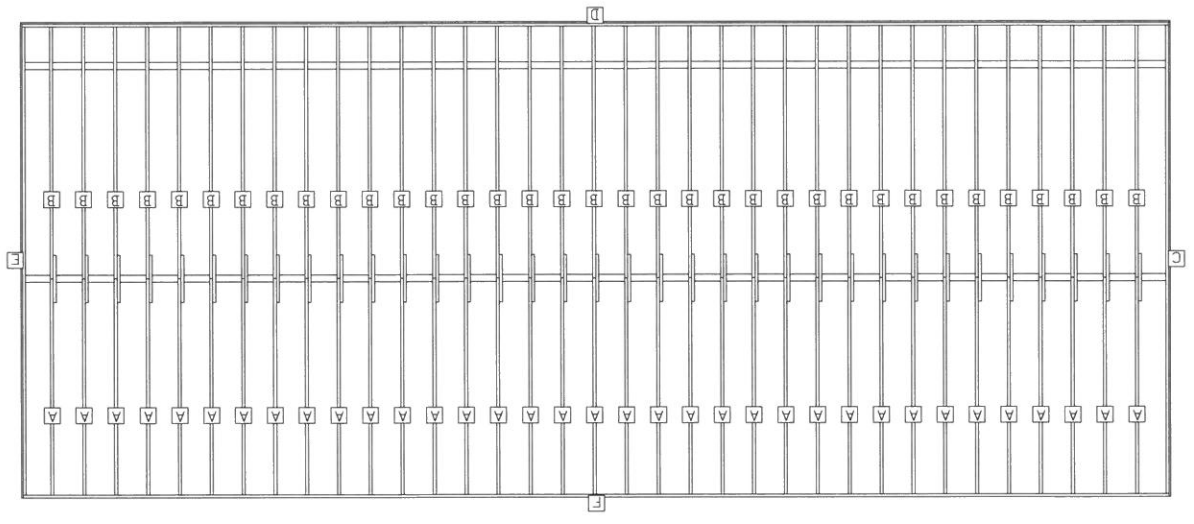
48'



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

Store Name
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 City, ST
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LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (35)	9' 1 1/4"		D fascia	48'	1)45 2)45
B joist (35)	10' 7 1/4"		D rim	47' 10 1/2"	
C fascia	20'	1)0 2)45	E fascia	20'	1)45 2)0
C rim	19' 8 1/4"		E rim	19' 8 1/4"	
			F rim	47' 10 1/2"	



Beam Layout
 GENERIC CUSTOMER
 02/27/15
 Ref: Deck15058
 Scale: 1/8" = 1'

Store Name
 123 Street Rd.
 City, ST
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Post spacing is measured center-to-center.

BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	47' 10 1/2"	7	7' 9 1/4"
B	47' 10 1/2"	6	9' 3 3/4"

