

STRESS ANALYSIS

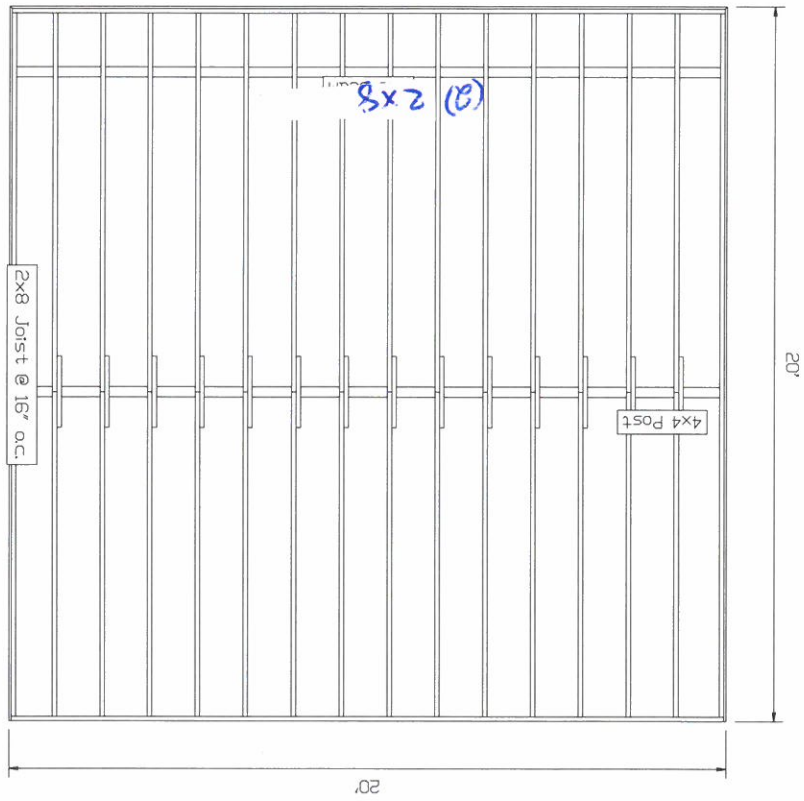
CUSTOMER: GENERIC CUSTOMER
 DATE: 02/27/15 DESIGN: DECK15058 REF:
 SALESMAN #

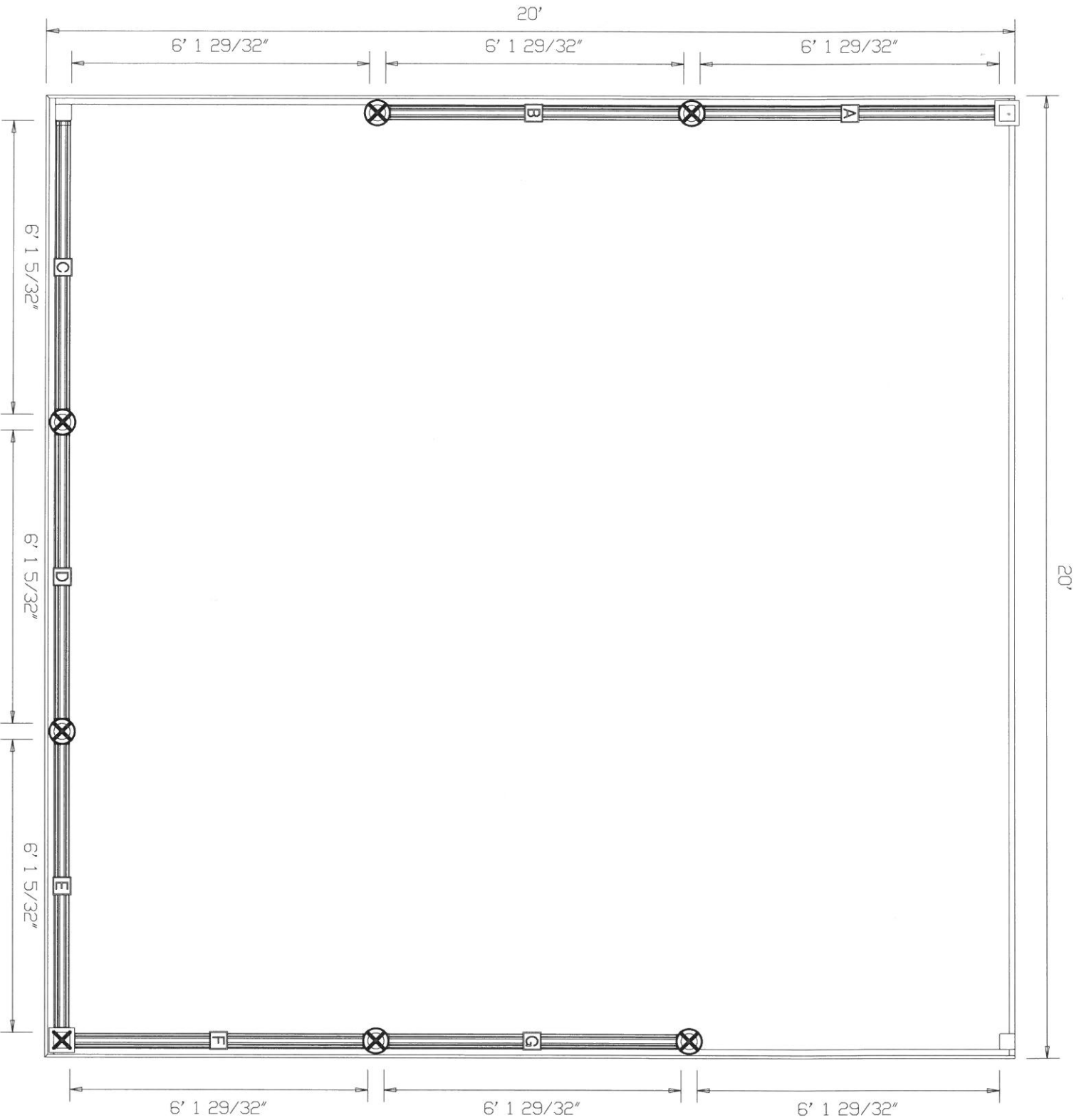
MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION BENDING SHEAR COMPRESSION	136 PSF 142 PSF 126 PSF 249 PSF	126 PSF
BEAMS	(2) 2x8	DEFLECTION BENDING SHEAR COMPRESSION	63 PSF 56 PSF 60 PSF 247 PSF	56 PSF
POSTS	4X4	STABILITY BEARING	362 PSF 397 PSF	362 PSF
		TOTAL LOAD		56 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		46 PSF

20x20

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

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





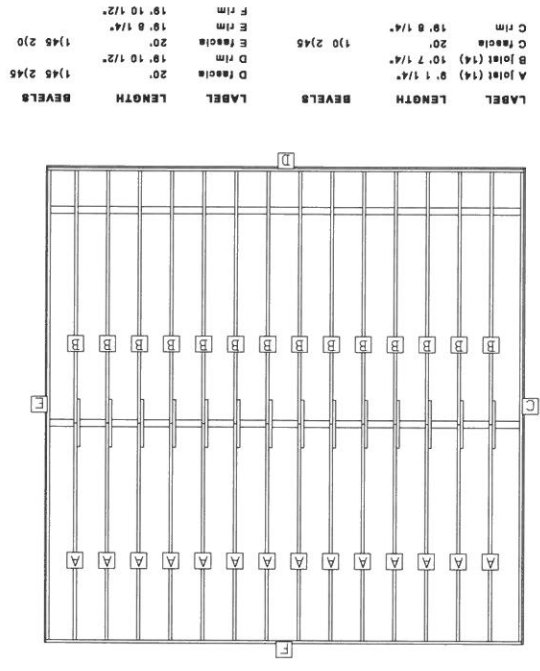
Rail Layout		Post		Description	
Post	SKU	Post	SKU	Description	Material
⊗	DT-PRO4x4PS42_WH	⊗	DT-PRO4x4PS42_WH	4"X4"X42" Post Sleeve, White	White
⊗	DT-PRO4x4PS42_WH	⊗	DT-PRO4x4PS42_WH	4"X4"X42" Post Sleeve, White	White
□	DT-PRO4x4PS42_WH	□	DT-PRO4x4PS42_WH	4"X4"X42" Post Sleeve, White	White

Rails		Cut From	
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_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)

Design: DeckI5058

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 Joint (14)	8' 1 1/4"	0	D fascia	20'	145 2x4s
B Joint (14)	10' 7 1/4"	0	D rim	18' 10 1/2"	20'
C fascia	20'	0	E fascia	20'	145 2x10
C rim	18' 8 1/4"	0	E rim	18' 8 1/4"	0
			F rim	18' 10 1/2"	0

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

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

