

STRESS ANALYSIS

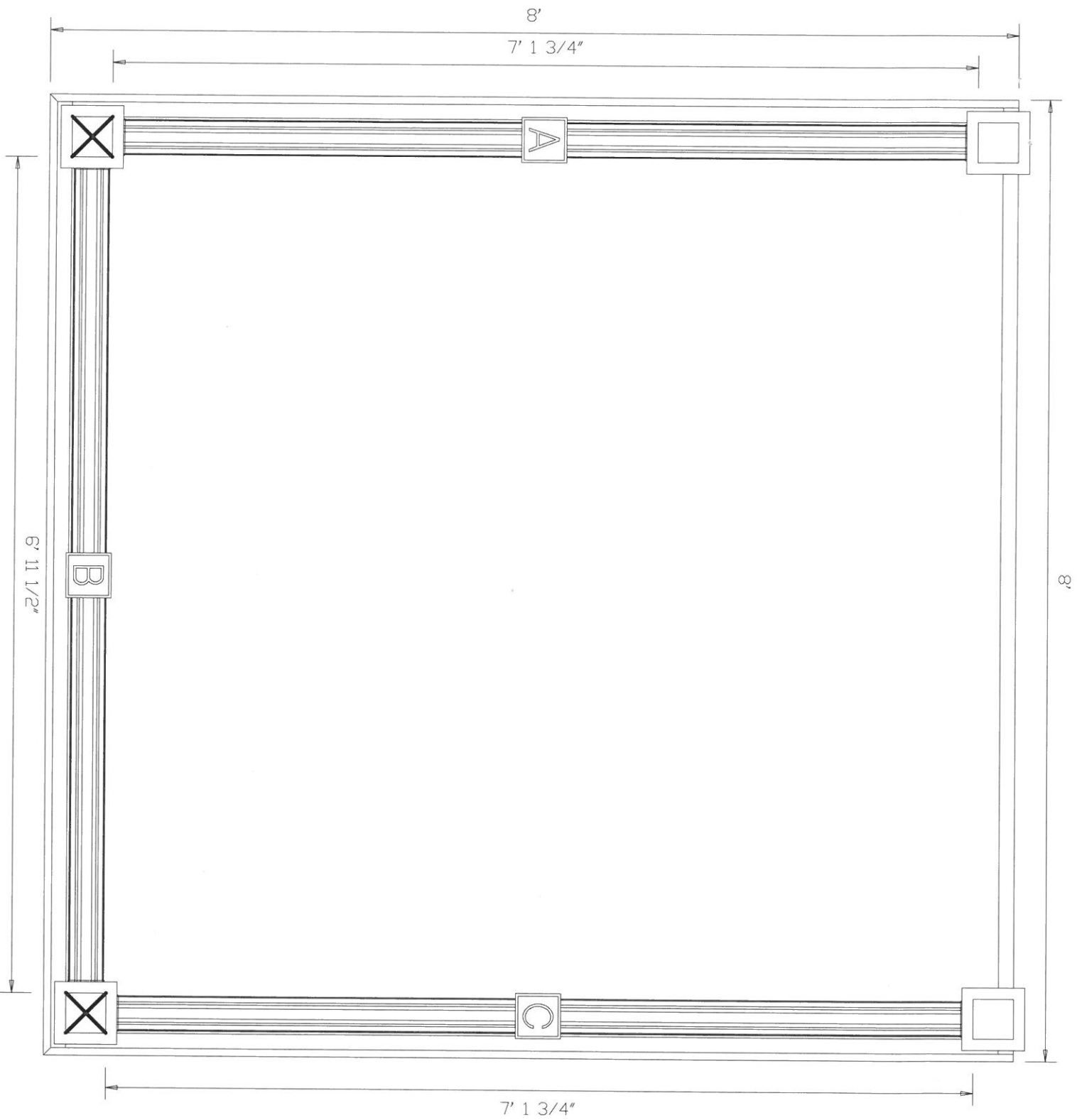
CUSTOMER: GENERIC CUSTOMER TEJ
 DATE: 02/27/15 DESIGN: DECK15058 REF:
 SALESMAN #

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION BENDING SHEAR COMPRESSION	449 PSF 326 PSF 209 PSF 377 PSF	209 PSF
BEAMS	(2) 2X5	DEFLECTION BENDING SHEAR COMPRESSION	165 PSF 124 PSF 107 PSF 477 PSF	107 PSF
POSTS	4X4	STABILITY BEARING	1199 PSF 1313 PSF	1199 PSF
		TOTAL LOAD		107 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		97 PSF

Plan View
GENERIC CUSTOMER
02/27/15
Ref: Deck15058
Scale: 1/2" = 1'

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





Rail Layout		Post		SKU		Description	
<input checked="" type="checkbox"/>	X	<input checked="" type="checkbox"/>	X	DT-PRO4x4PS42_WH	4"X4"x42"	Post Sleeve, White	4"X4"x42" Post Sleeve, White
<input type="checkbox"/>	A	<input type="checkbox"/>	A	DT-PRO4x4PS42_WH	4"X4"x42"	Post Sleeve, White	4"X4"x42" Post Sleeve, White
<input type="checkbox"/>	B	<input type="checkbox"/>	B	DT-PRO4x4PS42_WH	4"X4"x42"	Post Sleeve, White	4"X4"x42" Post Sleeve, White

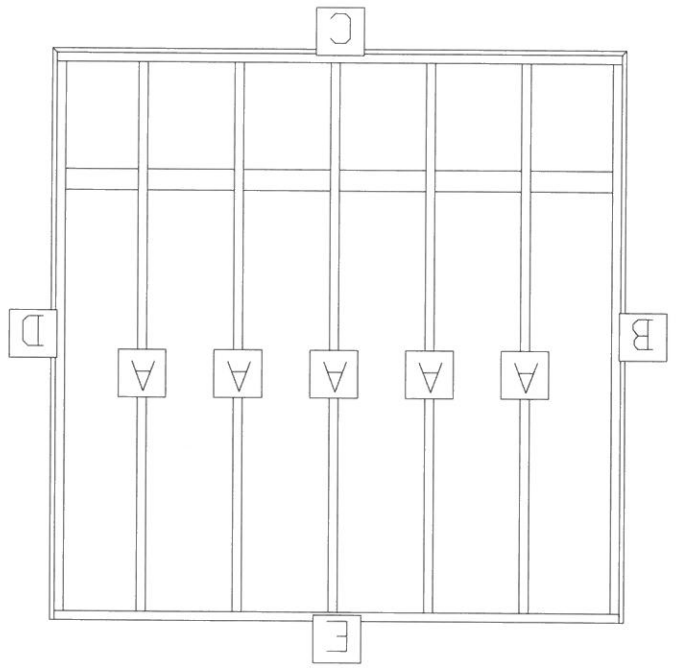
Rails Section	X-ref	Cut From
A		DT-PRO_36SP96L_WH (8' Square Pickets, 36" Level, White)
B		DT-PRO_36SP96L_WH (8' Square Pickets, 36" Level, White)
C		DT-PRO_36SP96L_WH (8' Square Pickets, 36" Level, White)

Design: Deck15058

Cut List
 GENERIC CUSTOMER tej
 02/27/15
 Ref: Deck15058
 Scale: 3/8" = 1'

Store Name
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LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A Joleit (5)	7' 8 1/4"	(1) 2)45	C rim	7' 10 1/2"	8'
B fascia	8'	(1) 2)45	D fascia	8'	1)45 2)0
B rim	7' 8 1/4"		D rim	7' 8 1/4"	
C fascia	8'	(1)45 2)45	E rim	7' 10 1/2"	



Beam Layout
 GENERIC CUSTOMER
 02/27/15
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 Scale: 1/2" = 1'

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

Post spacing is measured center-to-center.

