

STRESS ANALYSIS

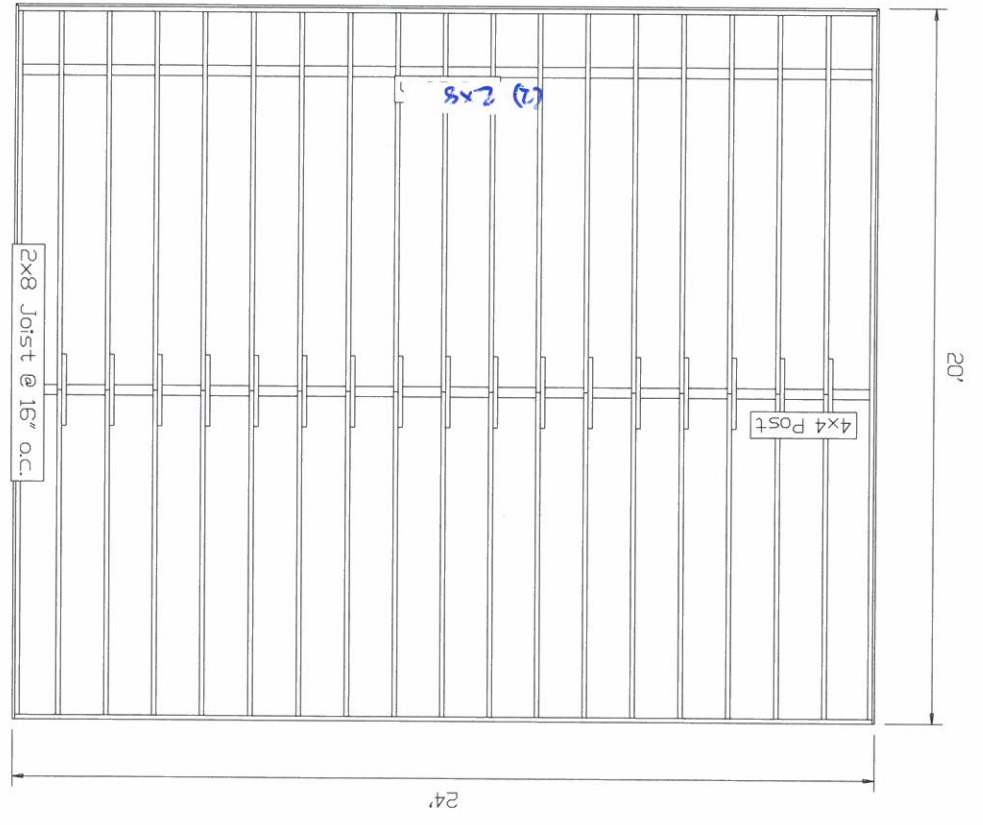
CUSTOMER: GENERIC CUSTOMER
 DATE: 02/27/15 DESIGN: DECK15058 REF:
 SALESMAN #

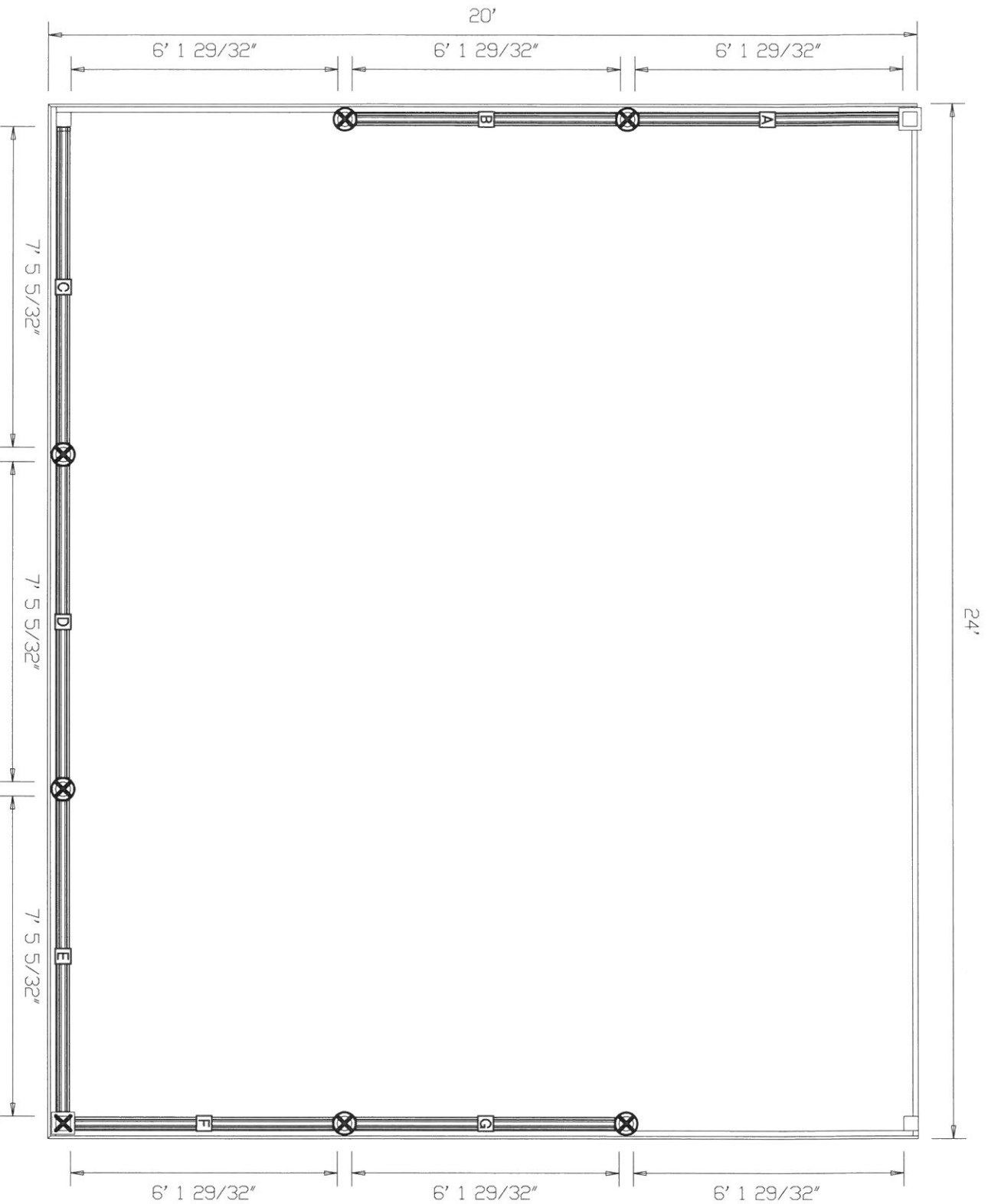
MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION BENDING SHEAR COMPRESSION	136 PSF 142 PSF 126 PSF 249 PSF	126 PSF
BEAMS	(2) 2X6	DEFLECTION BENDING SHEAR COMPRESSION	82 PSF 59 PSF 53 PSF 247 PSF	53 PSF
POSTS	4X4	STABILITY BEARING	307 PSF 336 PSF	307 PSF
		TOTAL LOAD		53 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		43 PSF

20x29

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

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



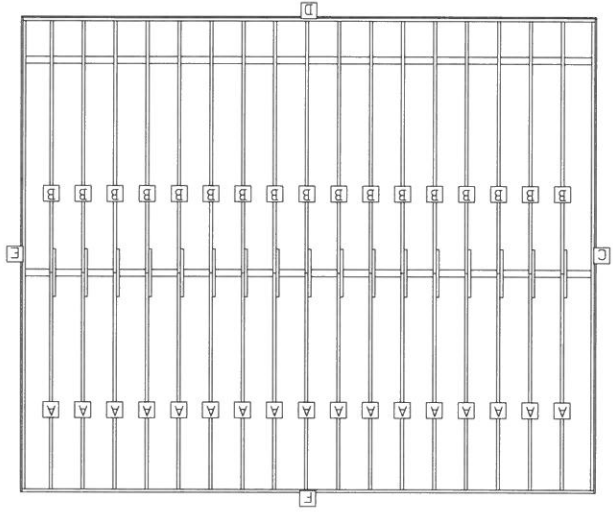


Design: Deck15058

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	8' 1 1/4"	1	D	24'	1
B	10' 7 1/4"	1	E	19' 8 1/4"	1
C	20'	2	F	23' 10 1/2"	1
Total: 10 2)45 1)45 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

Post spacing is measured center-to-center.

B EAM	L E N G T H	C O U N T	P O S T	S P A C I N G
A	23' 10 1/2"	4	7' 6 1/4"	
B	23' 10 1/2"	4	7' 6 1/4"	

