

STRESS ANALYSIS

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

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD

JOISTS	2X8	DEFLECTION	103 PSF	
	16"	BENDING	116 PSF	
		SHEAR	113 PSF	
		COMPRESSION	225 PSF	103 PSF

BEAMS	(2) 2x8	DEFLECTION	110 PSF	
		BENDING	82 PSF	
		SHEAR	73 PSF	
		COMPRESSION	334 PSF	73 PSF

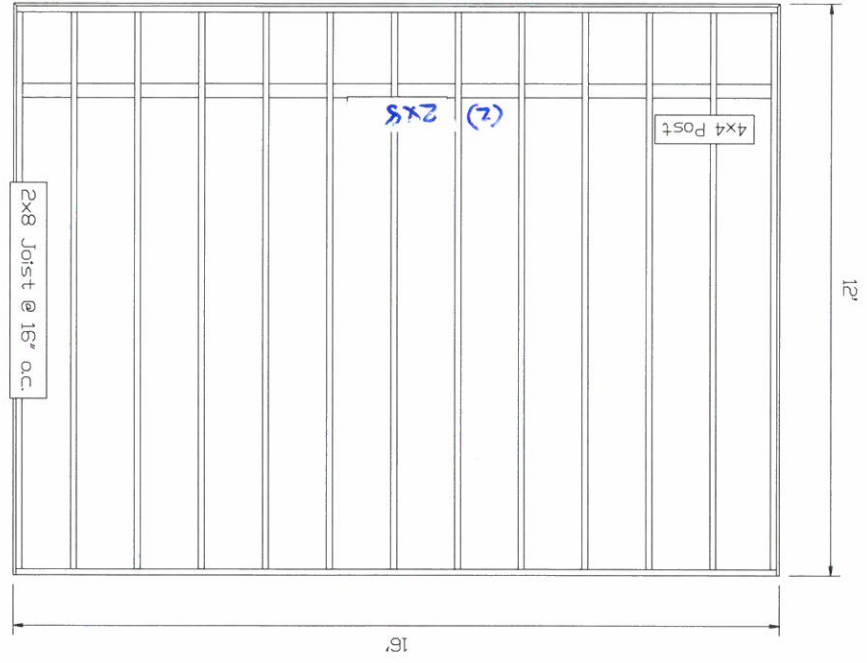
POSTS	4X4	STABILITY BEARING	416 PSF	416 PSF

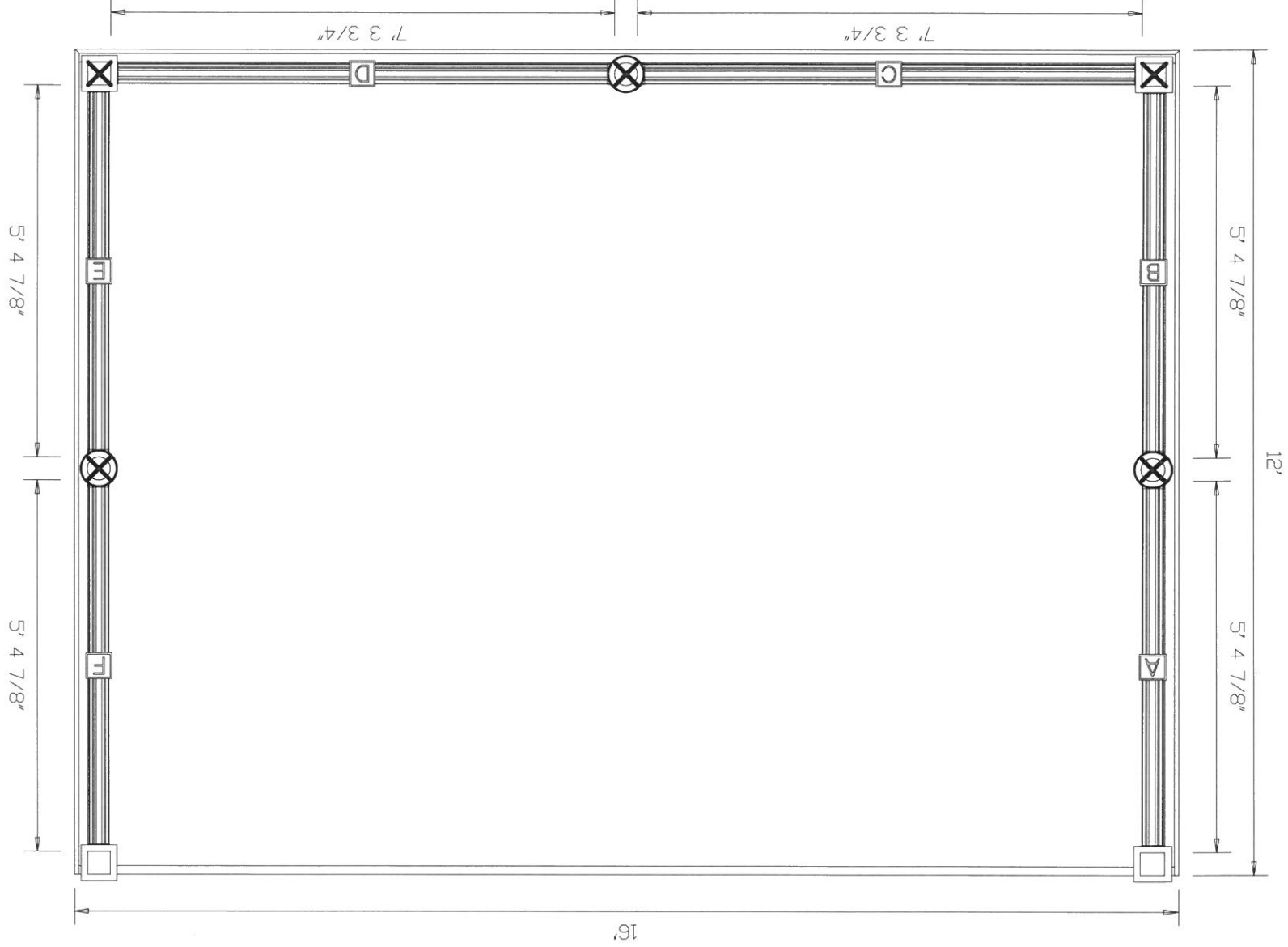
		TOTAL LOAD		73 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		63 PSF

12x16

Plan View
GENERIC CUSTOMER
02/27/15
Ref: Deck15058
Scale: 1/4" = 1'

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





Rail Layout

Post	SKU	Description
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White

Rails
Section

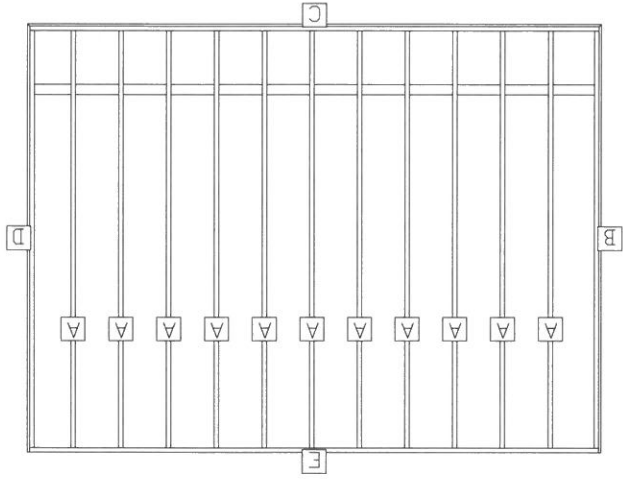
X-ref

Cut From
DT-PRO_36RRSP120L_WH (10' Round Rail Pickets, 36" Level, White)
A, B
E, F
C, D
DT-PRO_36RRSP120L_WH (10' Round Rail Pickets, 36" Level, White)
DT-PRO_36RRSP120L_WH (10' Round Rail Pickets, 36" Level, White)

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

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

LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A Joint (11)	11' 8 1/4"	1	C rim	15' 10 1/2"	1
B fascia	12'	1	D fascia	12'	1
B rim	11' 8 1/4"	1	D rim	11' 8 1/4"	1
C fascia	16'	1	E rim	15' 10 1/2"	1
					1



Beam Layout
 GENERIC CUSTOMER
 02/27/15
 Ref: Deck15058
 Scale: 1/4" = 1'

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

Post spacing is measured center-to-center.

BEAM	BEAM	POST	POST
LABEL	LENGTH	COUNT	SPACING
A	15' 10 1/2"	3	7' 3 1/2"

