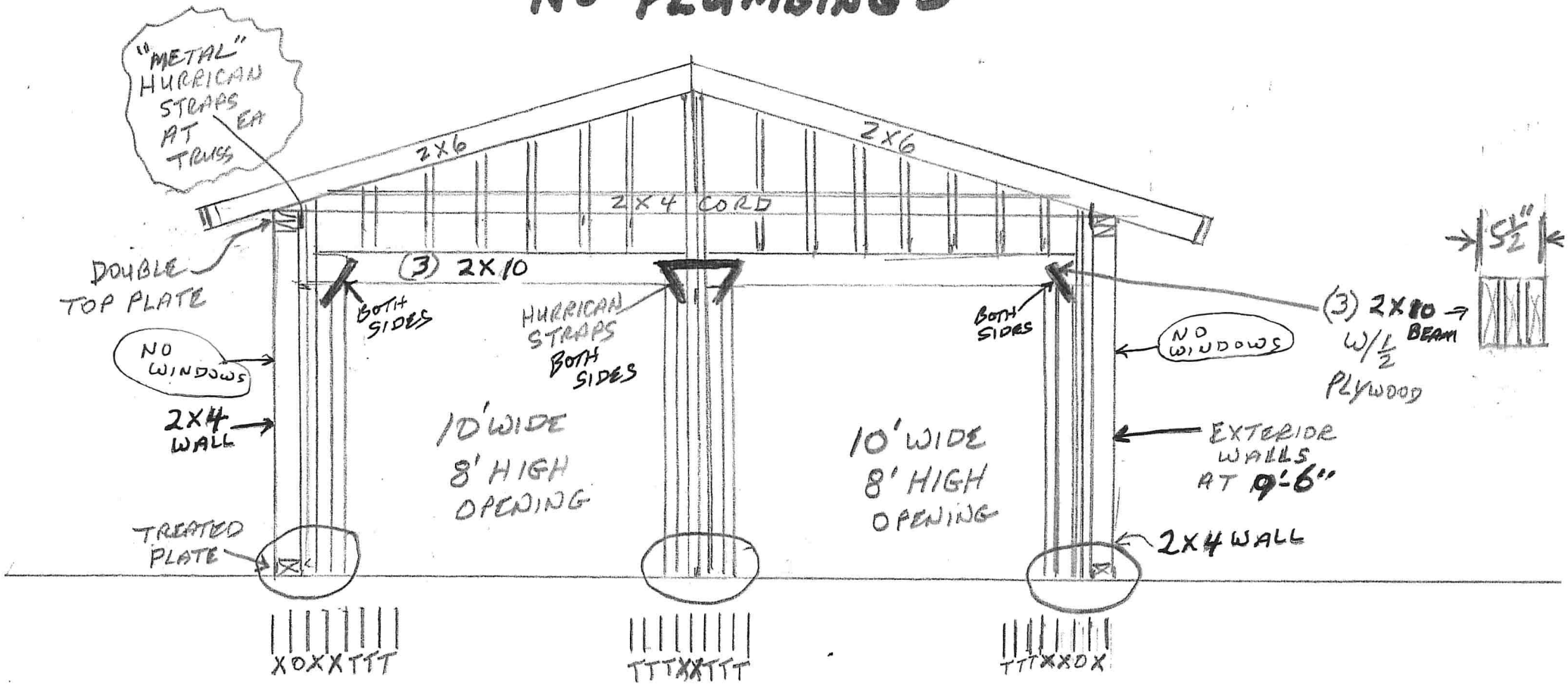
SCALE
1/4" = 1'

ENTRY VIEW

NOTE:

NO ELECTRIC
NO PLUMBING } **NEEDED FOR PROJECT...**



SCALE
1/4" = 1'

ROOF STRUCTURE

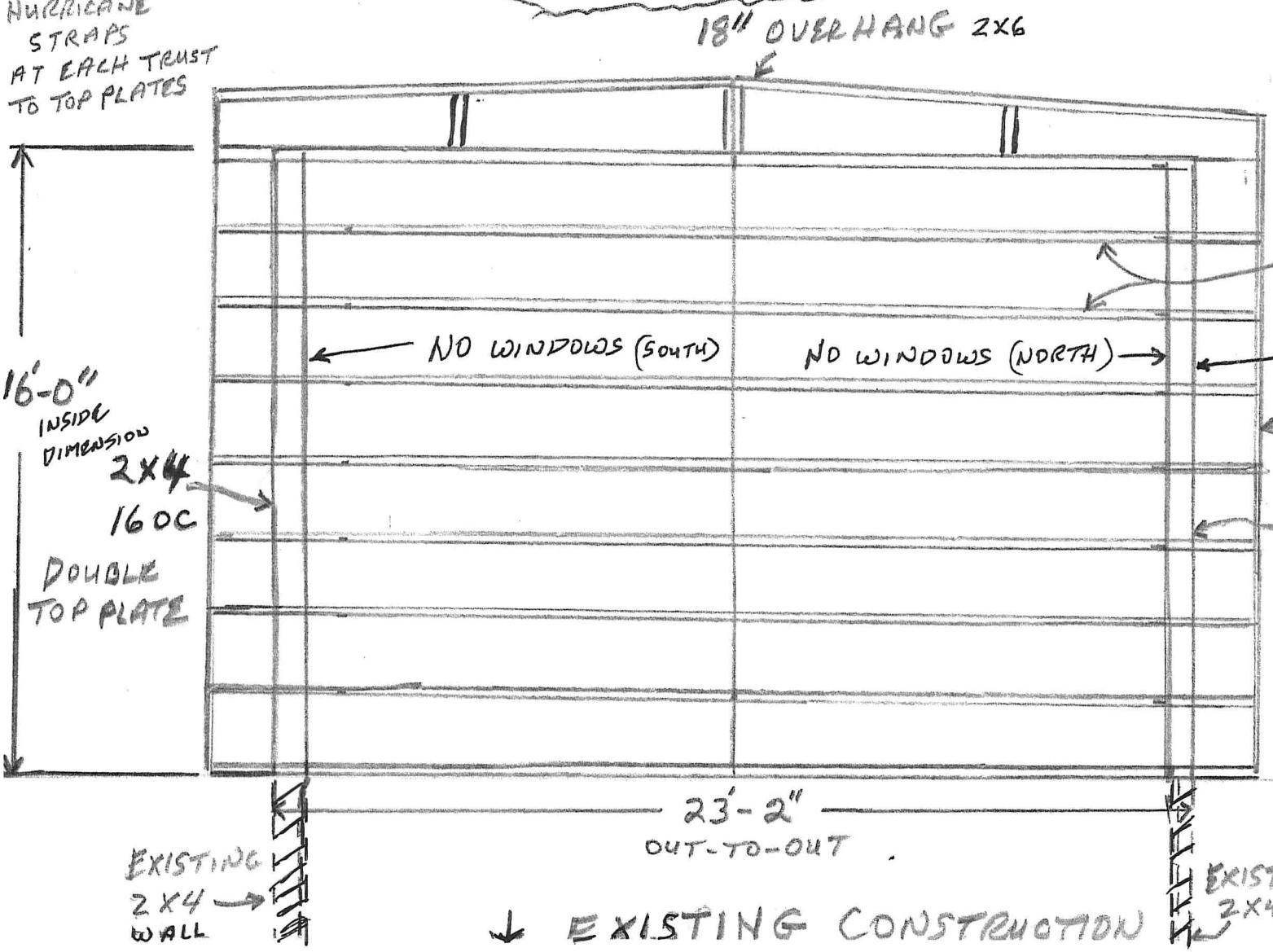
INSIDE DIMENSIONS
22'-7" x 16'-0"
360 SQ FT.

TRUSSES DESIGNED BY
L+L MANUFACTURED
COMPONENTS

NOTE:
"METAL"
HURRICANE
STRAPS
AT EACH TRUST
TO TOP PLATES

ROOF
PLYWOOD
5/8" x 4' x 8'
5 PLY

NAILS
8D
NAILED
4" JOINTS
8" FIELD



Job	Truss	Truss Type	Qty	Ply	LINDA LENTINI
Q1700896	A01	FINK	9	1	Job Reference (optional)

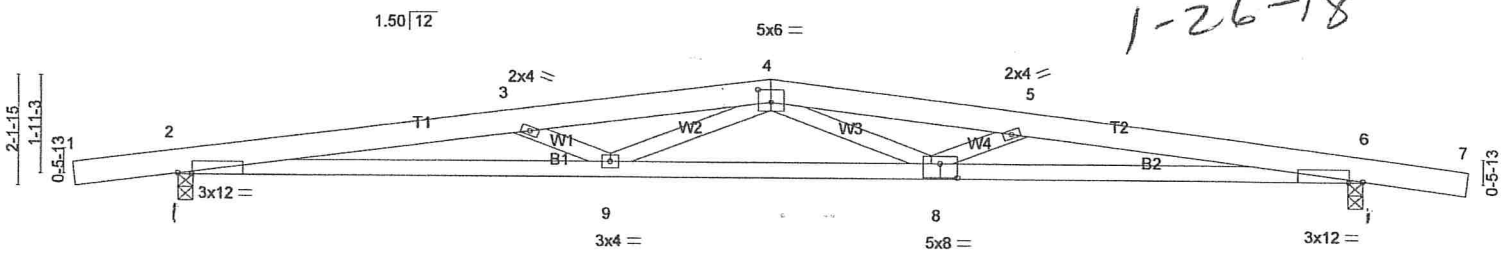
L&L MANUFACTURED COMPONENTS, TUCSON ARIZ., JTEMBJOG

8.030 s Oct 5 2016 MiTek Industries, Inc. Fri Jan 26 12:58:24 2018 Page 1
ID:Ujpaft9EIlts22UFCnoSI1y6kw8-90vUOoXj1QNIUE157dpRYX0jGmCLjF3LETBjYvzrT4T

-2-0-0 0-0-0 6-10-8 11-7-0 16-3-8 23-2-0 0-0-0 25-2-0
2-0-0 6-10-8 4-8-8 4-8-8 6-10-8 2-0-0

Scale = 1:43.3

Rec 1-26-18



0-0-0 8-5-5 14-8-11 23-2-0 0-0-0
8-5-5 6-3-5 8-5-5

Plate Offsets (X,Y)– [2:0-3-4,Edge], [4:0-3-0,0-3-0], [6:0-3-4,Edge], [8:0-4-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	-0.36	8-9	>770	360	MT20	185/144
TCDL	14.0	Lumber DOL	1.25	BC	0.76	Vert(TL)	-1.04	8-9	>267	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(TL)	0.15	6	n/a	n/a		
BCDL	10.0	Code IRC2012/TPI2007		Matrix-MRH							Weight: 88 lb	FT = 15%

LUMBER-
TOP CHORD 2x6 SPF 1650F 1.5E
BOT CHORD 2x4 SPF 1650F 1.5E
WEBS 2x4 HF/SPF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-1-11 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=1157/0-3-8 (min. 0-1-13), 6=1157/0-3-8 (min. 0-1-13)
Max Horz 2=-36(LC 7)
Max Uplift2=-229(LC 6), 6=-229(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4589/1078, 3-4=-4214/914, 4-5=-4246/925, 5-6=-4593/1076
BOT CHORD 2-9=-1017/4533, 8-9=-778/3556, 6-8=-1016/4536
WEBS 3-9=-478/229, 4-9=-82/760, 4-8=-96/793, 5-8=-449/218

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=8.4psf; BCDL=4.8psf; h=33ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) The solid section of the plate is required to be placed over the splice line at joint(s) 8.
4) Plate(s) at joint(s) 2, 4, 9, 3, 5 and 6 checked for a plus or minus 5 degree rotation about its center.
5) Plate(s) at joint(s) 8 checked for a plus or minus 3 degree rotation about its center.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 229 lb uplift at joint 2 and 229 lb uplift at joint 6.
9) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Linda L Lentini