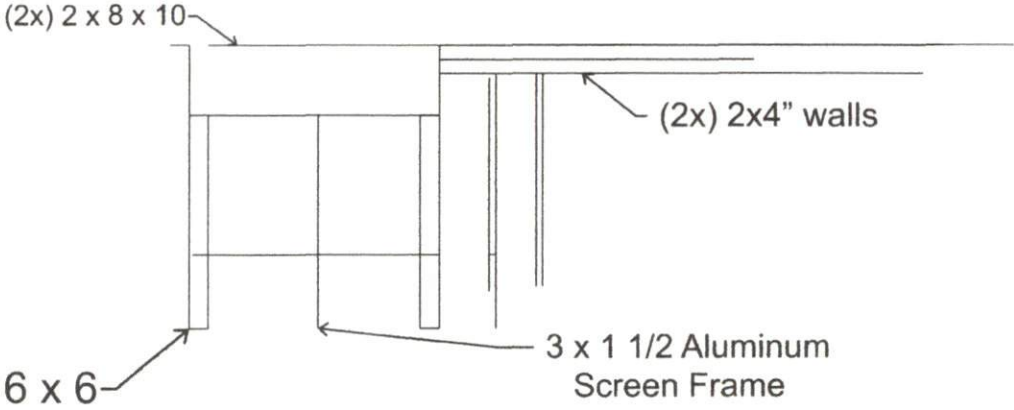
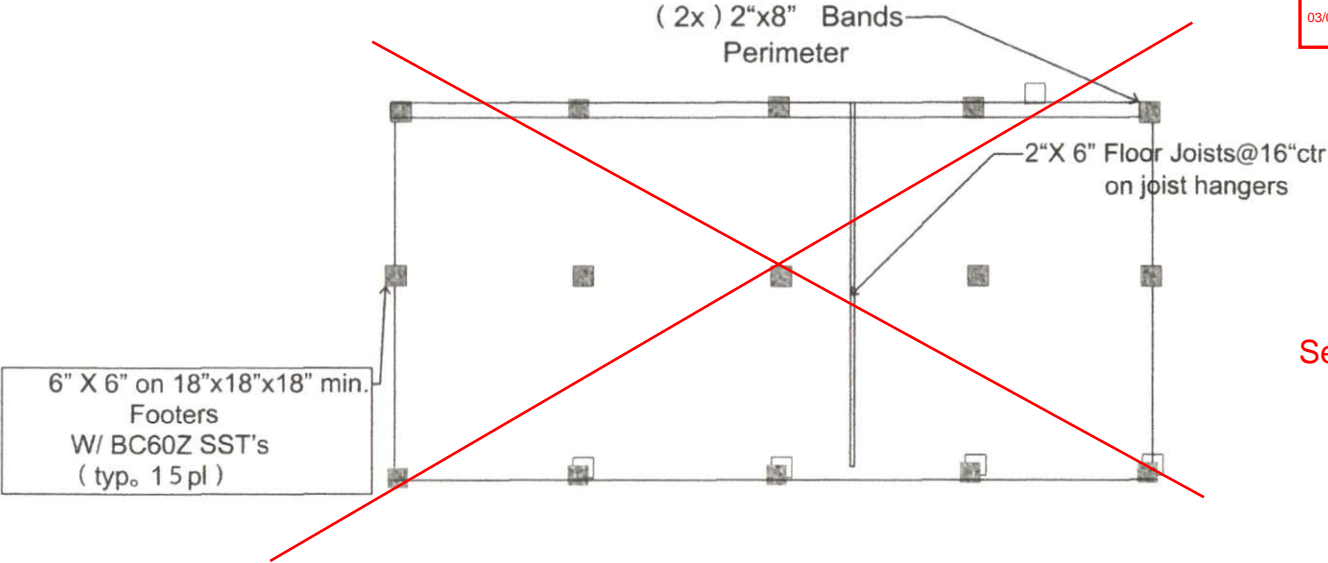
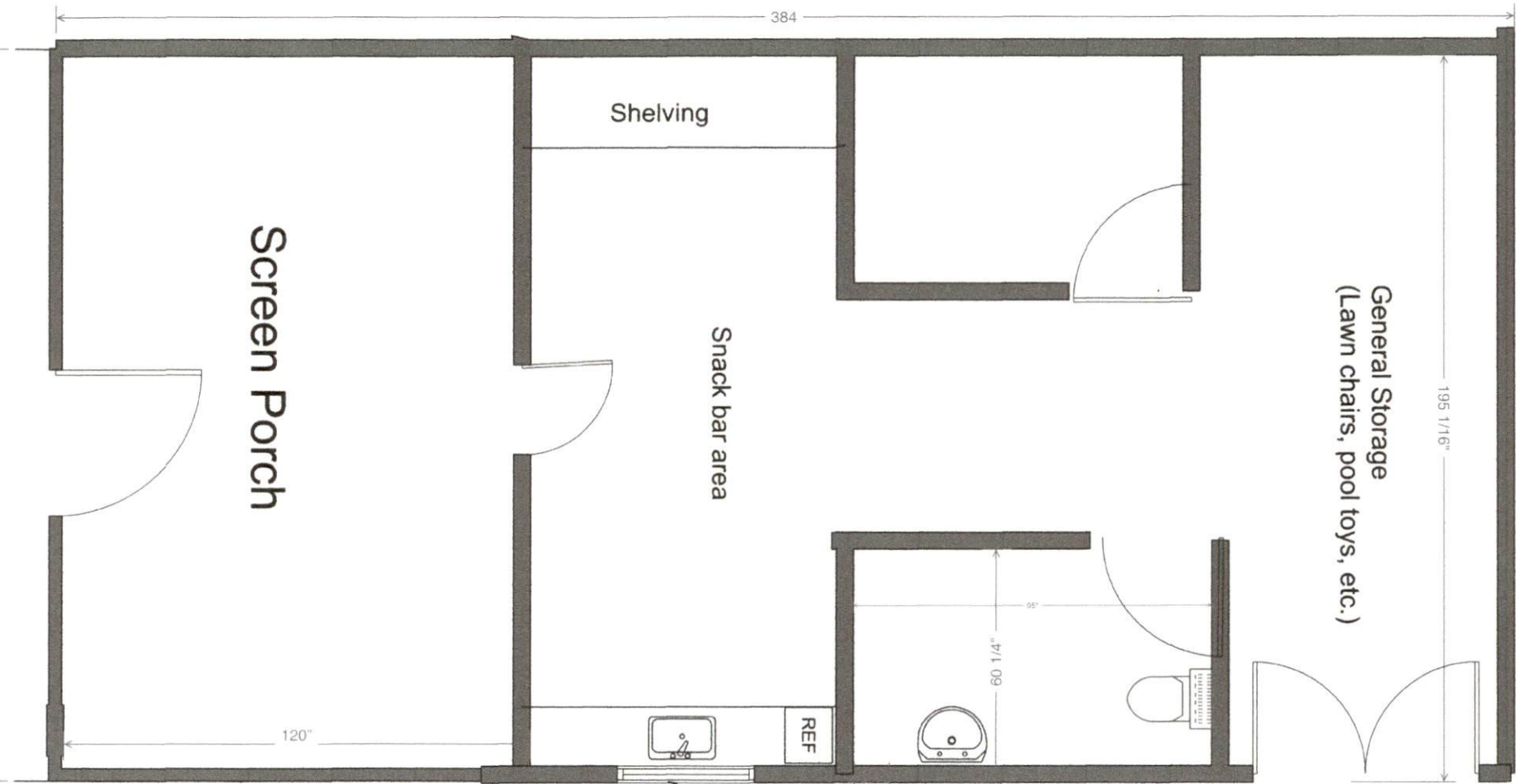




Proposed Pool House  
Woerner  
145 Huntington Dr.  
Dunn, N.C. 28334

See updated foundation





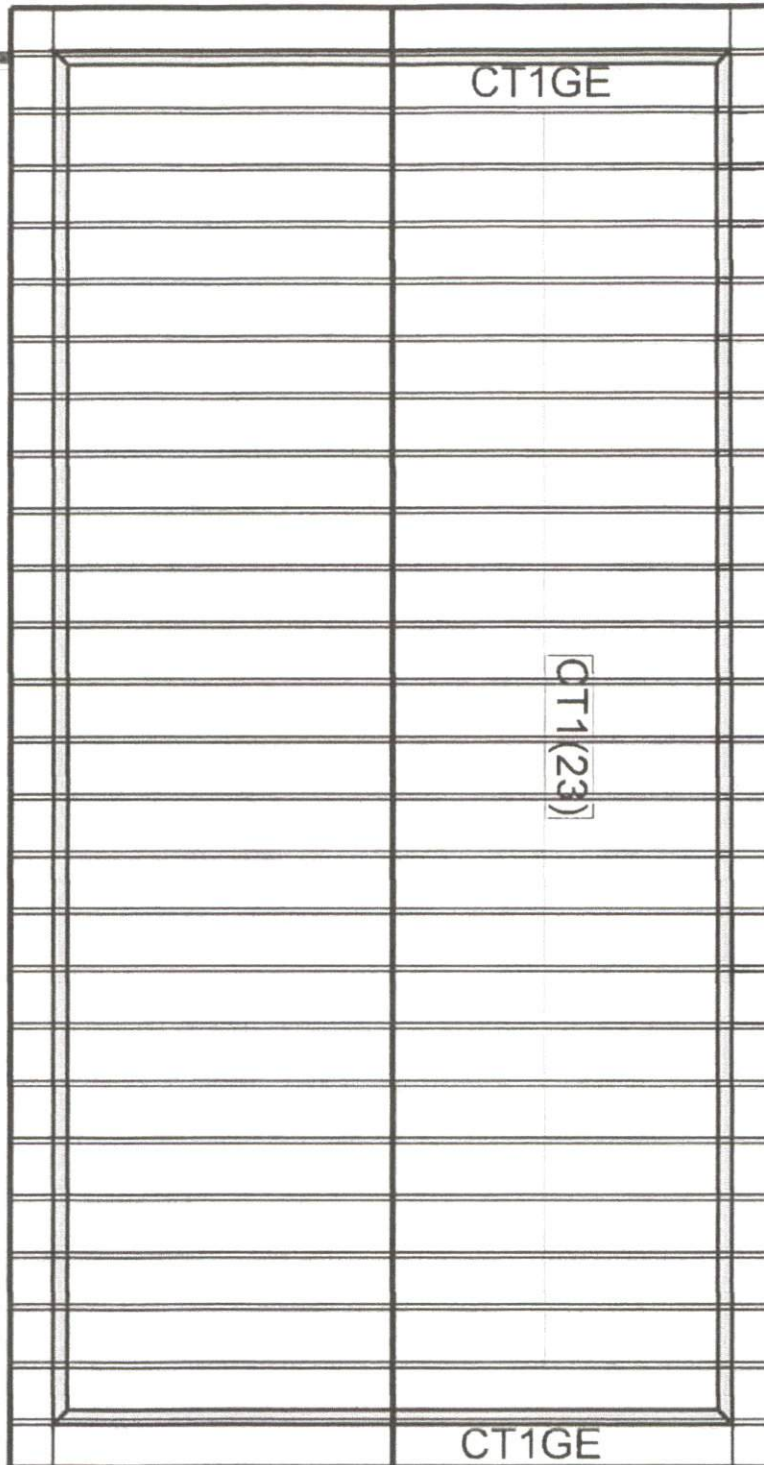
Woerner Pool House  
145 Huntington Dr.  
Dunn, N.C. 28334

Window  
(24"x36")

16-00-00

16" O.C.

ROOF TRUSS LAYOUT  
TRUSS SPACING 16" O.C.



32-00-00

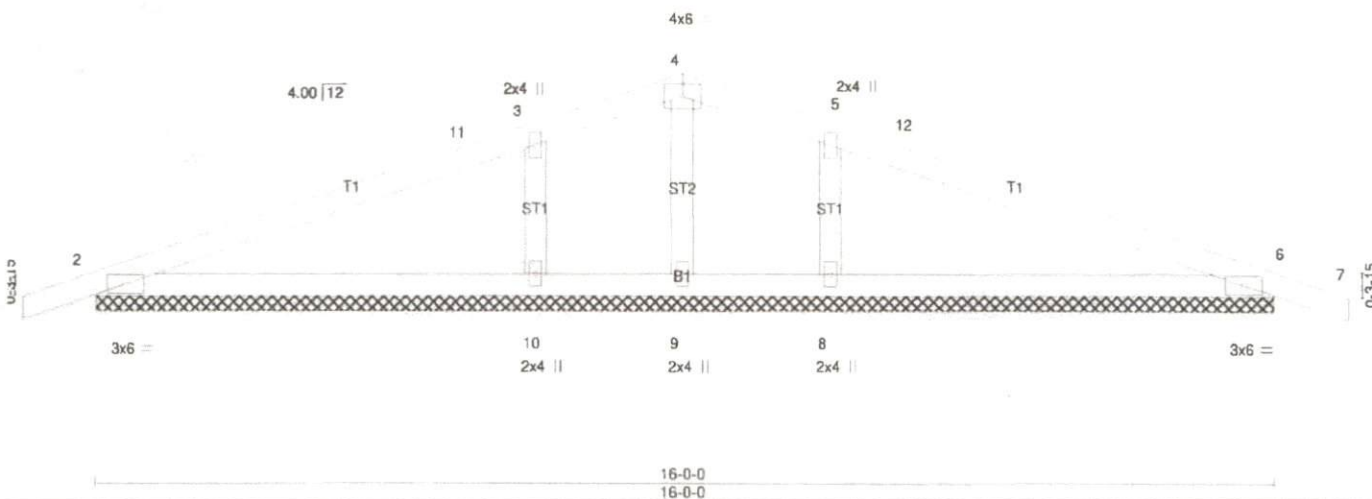


10401 Chapel Hill Rd  
 Morrisville, NC 27560  
 Ph. 919-467-9988  
 Fax. 919-481-3255

SP210608  
 145 HUNTING DR.  
 DUNN, NC

THIS DRAWING IS  
 APPROVED FOR FABRICATION  
 DATE \_\_\_\_\_

Scale = 1:28.6



WIND (psf)	SPACING- 2-0-0	CSI	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
20.0	Plate Grip DOL 1.15	TC 0.42	Vert(LL)	0.02	7	n/r	MT20	244/190
10.0	Lumber DOL 1.15	BC 0.28	Vert(CT)	0.04	7	n/r		
0.0 *	Rep Stress Incr YES	WB 0.08	Horz(CT)	0.00	6	n/a		
10.0	Code IBC2015/TPI2014	Matrix-R					Weight: 61 lb	FT = 6%

**MEMBERS:**  
 CHORD 2x4 SP No.2  
 CHORD 2x4 SP No.2  
 RS 2x4 SP No.3

**BRACING:**  
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.  
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

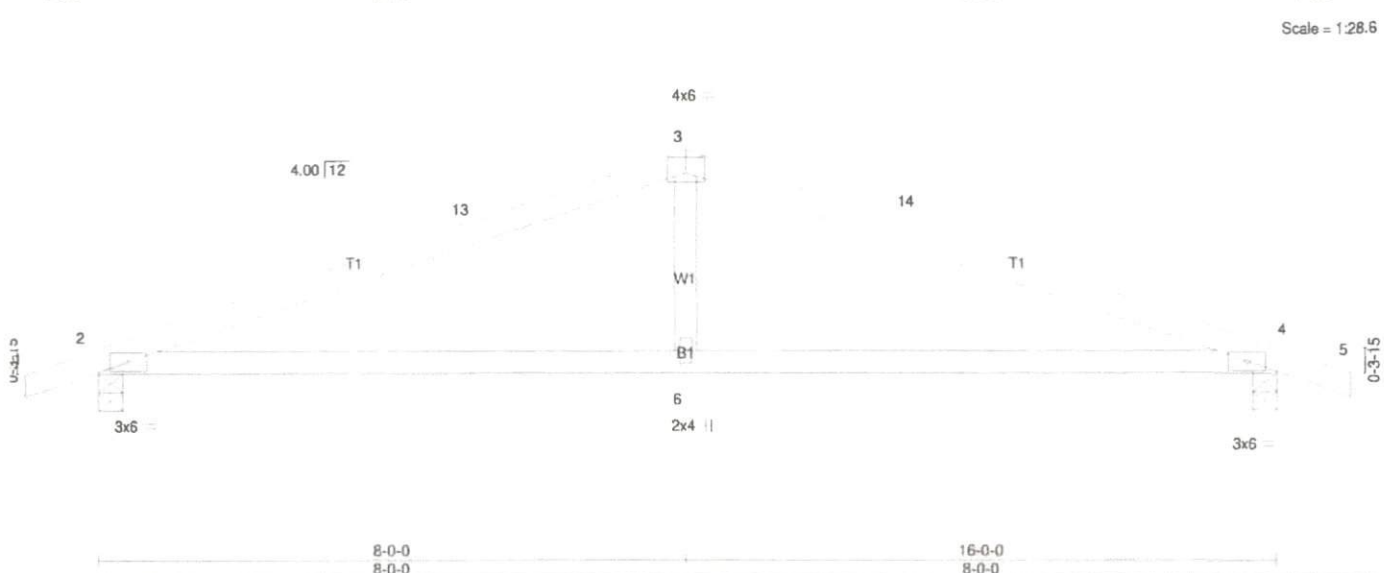
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

**NOTES:** All bearings 16-0-0.  
 (lb) - Max Horz 2=43(LC 13)  
 Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 10, 8 except 9=206(LC 2)  
 Max Grav All reactions 250 lb or less at joint(s) 9 except 2=257(LC 30), 6=257(LC 31), 10=548(LC 2), 8=548(LC 2)

**DESIGN:** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 S 3-10=-375/134, 5-8=-375/133

**ASSUMPTIONS:**  
 balanced roof live loads have been considered for this design.  
 wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TC DL=6.0psf; BC DL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33  
 truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry  
 detail End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.  
 snow: ASCE 7-10; Pr=20.0 psf (roof live load; Lumber DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow; Lumber DOL=1.15 Plate  
 DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.10  
 balanced snow loads have been considered for this design.  
 this truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs  
 concurrent with other live loads.  
 this truss requires continuous bottom chord bearing.  
 this truss requires studs spaced at 2-0-0 oc.  
 this truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.  
 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 1-0-0 wide will  
 be between the bottom chord and any other members.  
 provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 10, 8 except  
 (lb) 9=206.  
 this truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

THIS DRAWING IS  
 APPROVED FOR FABRICATION  
 DATE \_\_\_\_\_



Offsets (X,Y) -- [3:0-3-0,0-2-8]

WNG (psf)	SPACING-	1-4-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
20.0	Plate Grip DOL	1.15	TC 0.52	Vert(LL)	-0.09	6-12	>999	240	MT20	244/190
10.0	Lumber DOL	1.15	BC 0.50	Vert(CT)	-0.17	6-12	>999	180		
0.0 *	Rep Stress Incr	YES	WB 0.09	Horz(CT)	0.02	4	n/a	n/a		
10.0	Code IBC2015/TPI2014		Matrix-MR						Weight: 56 lb	FT = 6%

**MEMBER-**  
 CHORD 2x4 SP No.2  
 CHORD 2x4 SP No.2  
 S 2x4 SP No.3

**BRACING-**  
 TOP CHORD Structural wood sheathing directly applied or 5-9-9 oc purlins.  
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

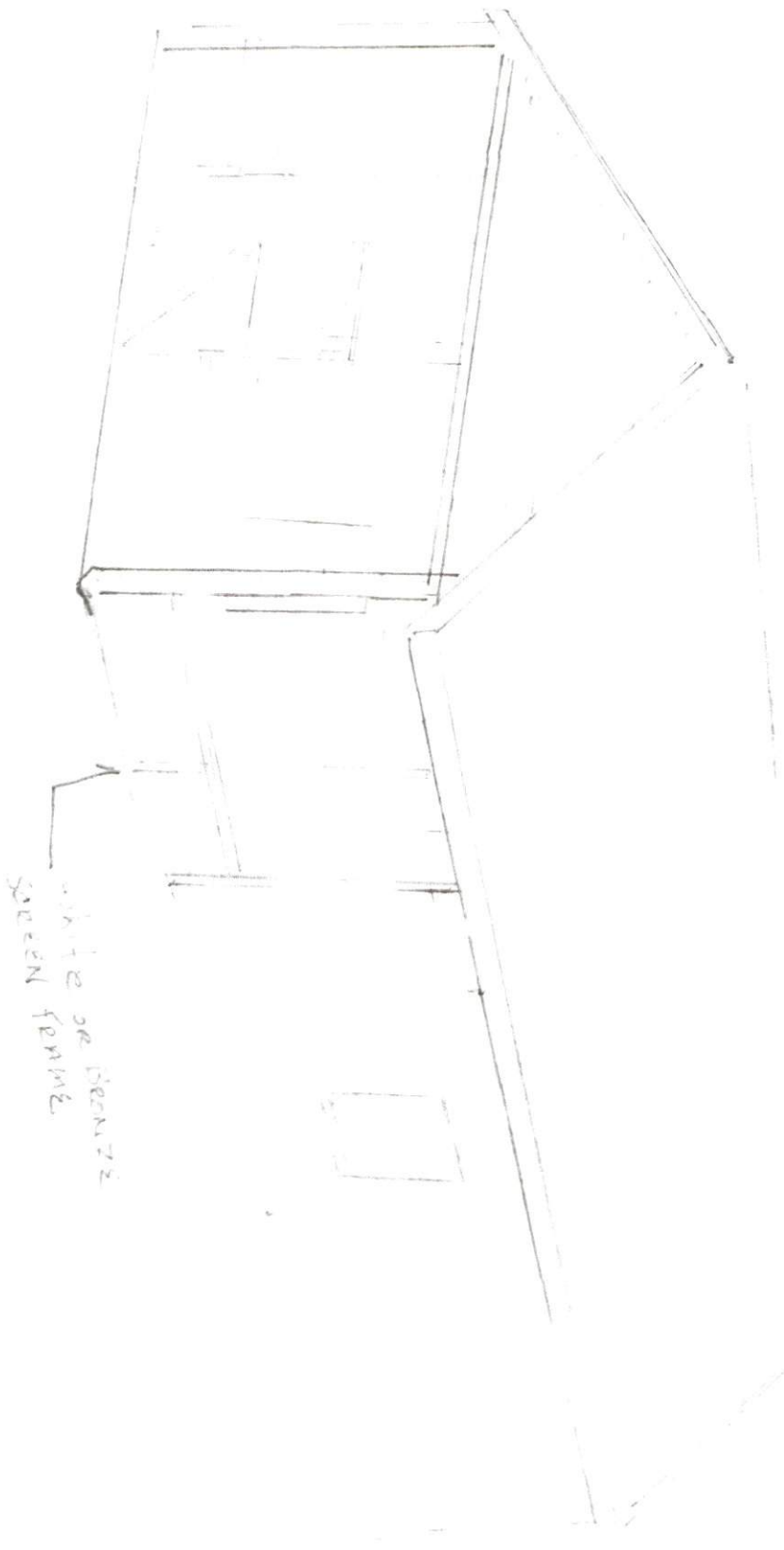
MiTek recommends that Stabilizers and required cross bracing be installed during erection, in accordance with Stabilizer Installation guide.

**NOTES.** (lb/size) 2=407/0-4-0 (min. 0-1-8), 4=407/0-4-0 (min. 0-1-8)  
 Max Horz 2=-28(LC 17)  
 Max Uplift 2=-54(LC 8), 4=-54(LC 9)  
 Max Grav 2=467(LC 2), 4=467(LC 2)

**DES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 CHORD 2-13=-836/39, 3-13=-763/56, 3-14=-763/56, 4-14=-836/39  
 CHORD 2-6=-19/768, 4-6=-19/768

**DESIGN NOTES:**  
 balanced roof live loads have been considered for this design.  
 Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33  
 LL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.10  
 balanced snow loads have been considered for this design.  
 s truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs  
 s concurrent with other live loads.  
 s truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.  
 his 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 1-0-0 wide will fit between the bottom chord and any other members.  
 provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.  
 s truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

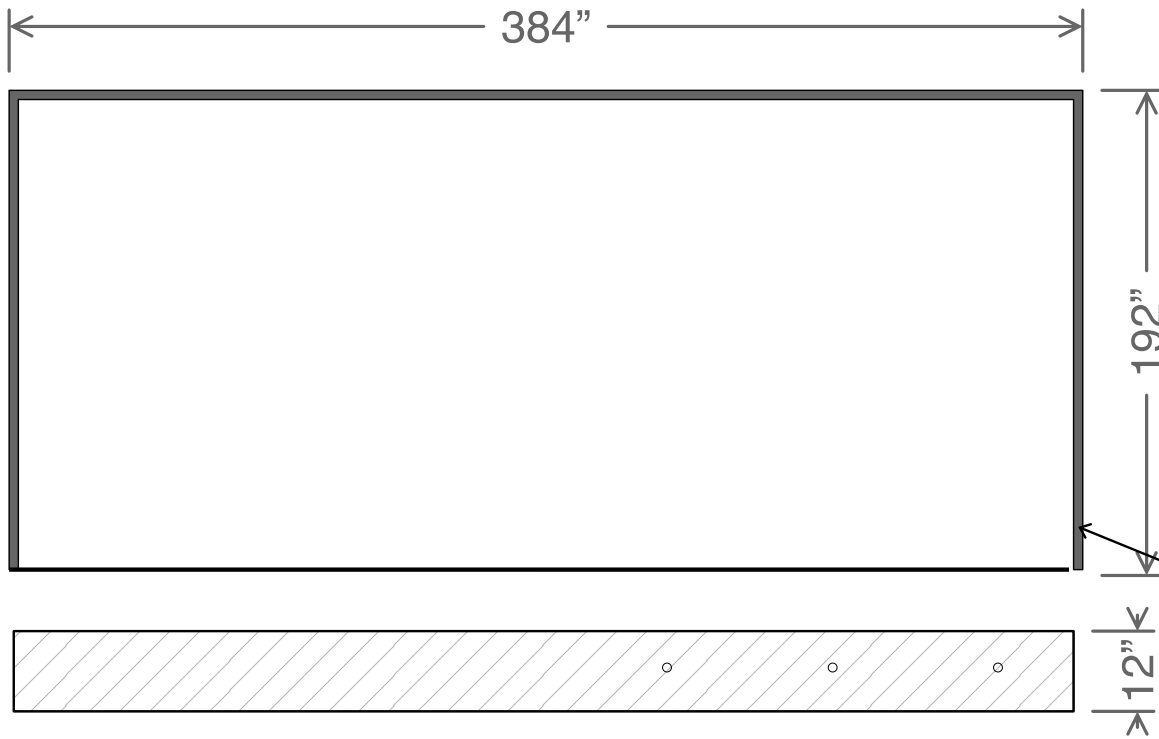
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 APPROVED FOR FABRICATION  
 DATE \_\_\_\_\_



white or brown  
SCREEN

architectural  
plans

vinyl  
floor  
screen



# New Foundation Dwg

Proposed Pool House  
 Woerner  
 145 Huntington Dr.  
 Dunn, N.C. 28334

Poured concrete  
 Entire perimeter

