

# RESPONSE TO COUNTY DEFICIENCY NOTICE:

## SHEET 1

EQ LOCATION OF SEPTIC TANK AND LEACH FIELD.

1. GUEST HOUSE CORNER IS 7'4" FROM EXISTING ATTACHED GARAGE CORNER. THESE STRUCTURES EXISTED WHEN GARY LOVING PURCHASED THE PROPERTY. THE STRUCTURES AND LOCATION HAVE NOT CHANGED IN THAT TIME.

2. 25' SETBACK NOTATION HAS BEEN MOVED TO BACK OF WEATHERFORD RD. RIGHT OF WAY.

## SHEET 2

3. WH-BOILER IS RATED FOR IN-FLOOR HEATING. SPECIFICATIONS FROM DAVIDSON HEATING & PLUMBING ATTACHED.

4. BRACED WALL PANEL SPECIFICATIONS

5. TRUSS SPECIFICATIONS ARE PROVIDED BY TRUSS MANUFACTURER. ENGINEERED SPECIFICATIONS ARE NOT NEEDED.

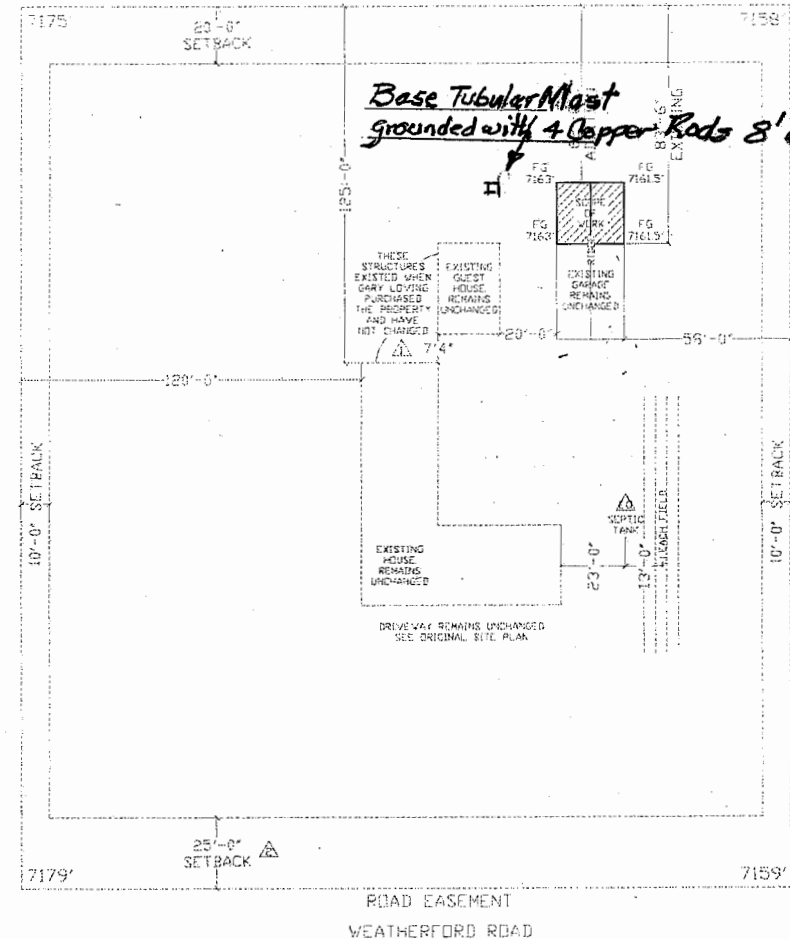
6. 10' WINDOW HEADER

7. JESSE NEWTON APPROVES H2.5A @ 2' O.C. FOR THIS APPLICATION. PER CONVERSATION 4-3-17. APPROVAL ATTACHED.

8. 3' DOOR HEADER

9. PINNED FOOTING DETAIL

THE ORIGINAL SITE PLAN  
HAS NOT CHANGED WITH  
REVISION FOR REDLINES.



ELEVATIONS ESTIMATED FROM GOOGLE EARTH

WORKSHOP ADDITION SITE PLAN  
SCALE: 1" = 20'

SETBACK [AR2]  
FRONT 25' INCLUDES ROAD  
REAR 20'  
SIDES 10'

SQUARE FOOTAGE  
WORKSHOP AREA 516 SQ. FT.  
TOTAL PROJECT 516 SQ. FT.

UTILITIES REMAIN UNCHANGED:  
ELECTRICITY:  
GAS  
WATER  
SEWER

SHEET INDEX  
1 ORIGINAL SITE PLAN  
1A REVISED SITE PLAN  
2 FLOOR PLANS  
3 ELEVATIONS & SECTIONS  
4 GENERAL NOTES PAGE

CUNTERIOR  
Design & Drafting  
Complete Plan Writing  
AutoCAD Conforming  
All-purpose Design  
Piloter User Draw  
Green Design  
760-126-6657  
cunterior@aol.com

OWNER SIGNATURE  
OWNER SIGNATURE  
CONTRACTOR SIGNATURE

ISSUING  
REVISED SITE PLAN  
DRAWN BY  
BONNIE HIGGINS (SPR) 516.049' cunterior@aol.com

CLIENT: LIVING WORKSHOP  
5070 Weatherford Rd  
Flagstaff, AZ 86001

DATE:  
3/27/2017 14:02 PM  
FILE:  
Living Workshop  
SCALE:  
1"=20'-0"

SHEET  
1A OF 4



# FOUNDATION

## MA-40

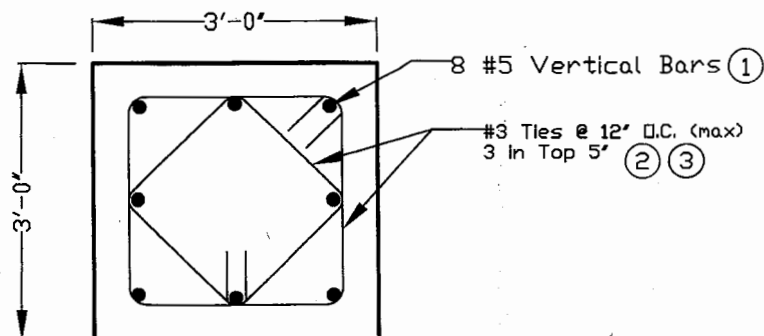
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### FOUNDATION DESIGN LOADS

OVERTURNING MOMENT: 10980 ft.-lbs  
BASE SHEAR: 673 lbs  
STRUCTURE WEIGHT: 560 lbs

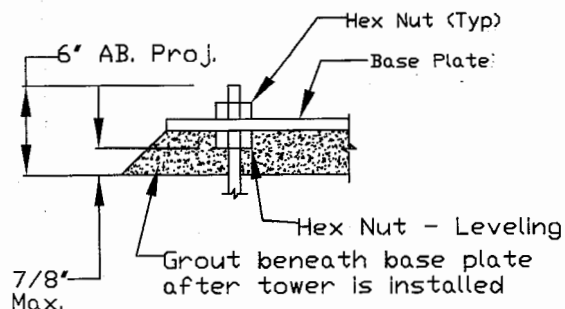
### SOIL & CONCRETE DESIGN PARAMETERS

ALLOWABLE VERTICAL BEARING PRESSURE: 1500 PSF  
ALLOWABLE LATERAL PRESSURE: 100 PSF  
CONCRETE  $F'_c$  = 2500 psi @ 28 DAIS



Plan View - Reinforcing

Not to Scale



Grouting Detail

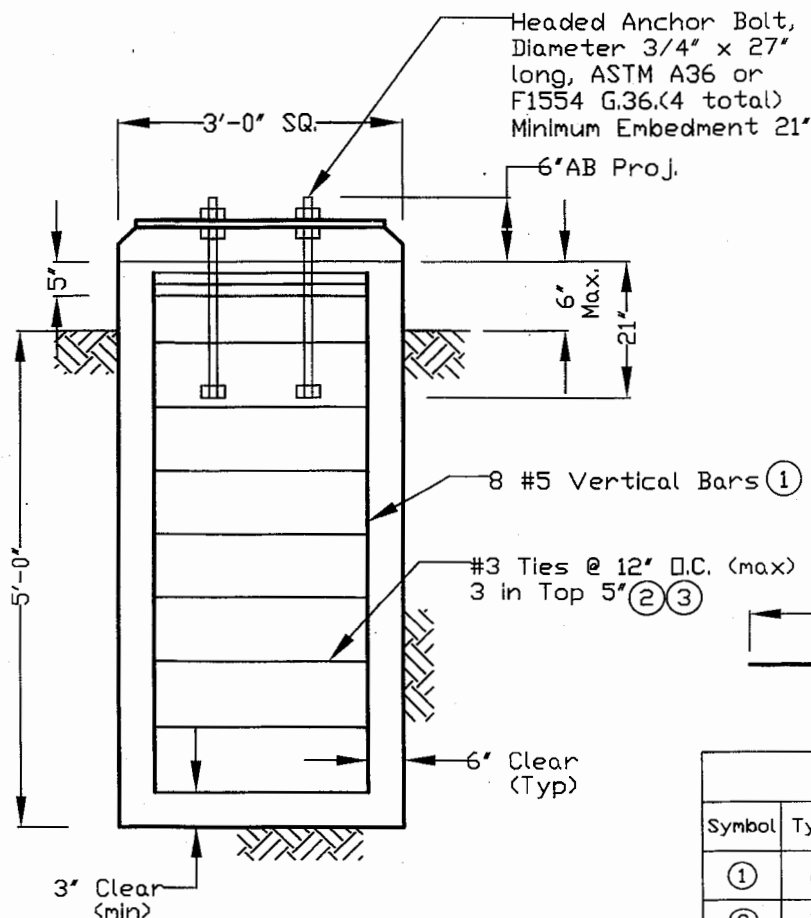
Extreme care should be taken to assure that all leveling nuts are level with respect to each other prior to installation of tower.

#### Note:

If leveling nuts are not used, make sure that base plate is in full contact with concrete, grout is not required, and reduce AB projection to 4".

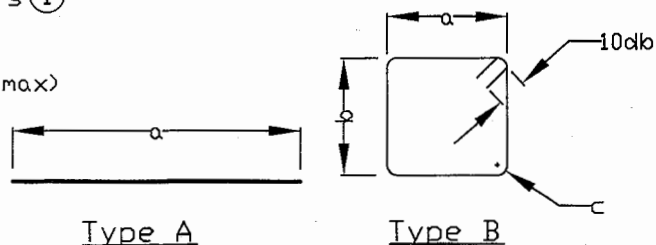
#### By Owner:

Apply corrosion protection coating to anchor bolts after tower is installed.



Elevation View

Not to Scale



Type A

Type B

### Reinforcement Material List

Symbol	Type	Bar Size	Dimensions			Qty
			a	b	c	
①	A	#5	5'-0"	—	—	8
②	B	#3	2'-0" *	2'-0" *	2"	8
③	B	#3	1'-5" *	1'-5" *	2"	8

\* = Nominal dimension

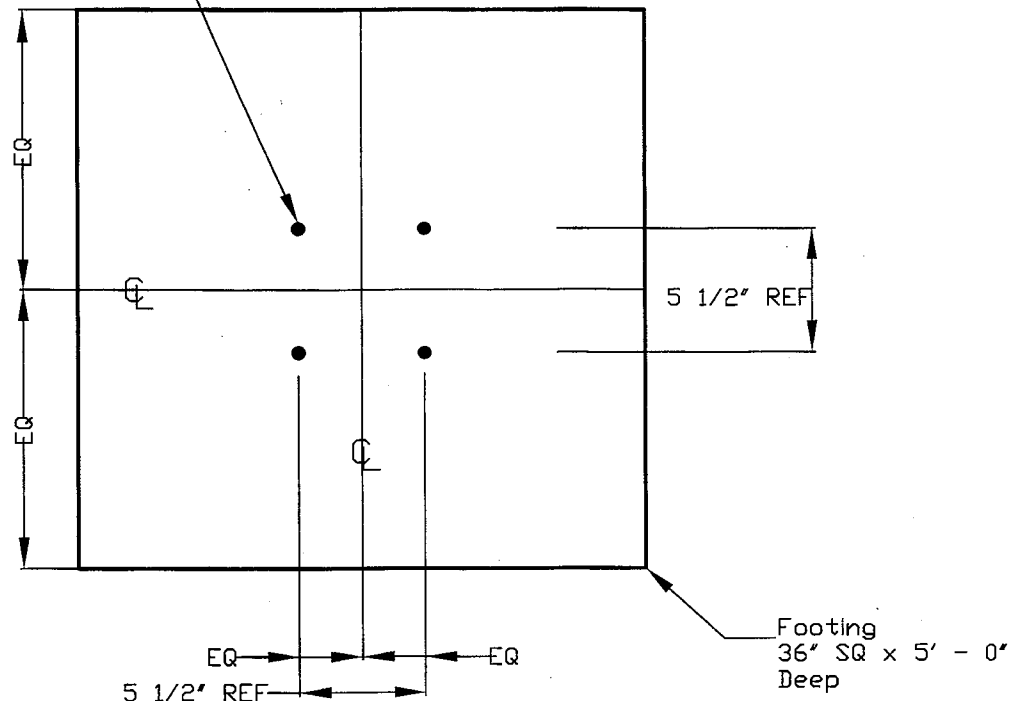


# FOUNDATION

MA-40

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Anchor Bolt (Typ. of 4)  
3/4"  $\Phi$  x 27" Long  
See previous sheet.



## Plan View - Anchor Bolt Layout

Not to Scale

"REF" dimensions are provided for reference only. Use the tower base plate assembly to locate anchor bolts.

### Foundation Notes:

1. All concrete shall have a minimum compressive strength of 2500 psi at 28 days unless noted otherwise. All concrete shall conform to the requirements of the International Building Code and the referenced edition of ACI 318. Slump shall not exceed 4-1/2 inches.
2. Reinforcing steel shall be intermediate grade deformed bars conforming to ASTM A-615. No. 4 bars and smaller shall be Grade 40, No. 5 bars and larger shall be Grade 60. All reinforcing details, placement etc. shall conform to the requirements of the International Building Code and ACI 318. No welding allowed.
3. All reinforcing steel, anchor bolts, dowels and other inserts etc. shall be securely anchored in place, in the required positions, prior to pouring concrete.
4. The allowable lateral soil bearing value was doubled as allowed per 2010 IBC section 1806.3.4 for isolated foundations not adversely affected by a 0.5" motion at the ground surface due to short term lateral loads.
5. The foundation design does not consider the effects of ground water.
6. The contractor is responsible for safe excavations in accordance with all Federal & Local laws and ordinances and OSHA requirements.
7. The contractor is responsible for the correct placement of all anchor bolts. US Tower recommends that the anchor bolts be placed using the tower base plate assembly provided with the tower. (The base plate assembly can be provided before the tower if desired.)
8. The foundation shall be one continuous pour such that cold joints do not develop. The contractor is responsible for verifying adequate concrete coverage is provided for all reinforcement to avoid the potential for rebar corrosion. Concrete shall be consolidated using vibratory methods.
9. The top of the footing shall be troweled level and smooth (or have a broom finish if preferred) in the area of the tower. Water shall be directed away from the tower base and anchor bolts outside of the tower area.
10. See General Notes sheet (earlier in calcs) for additional information & requirements