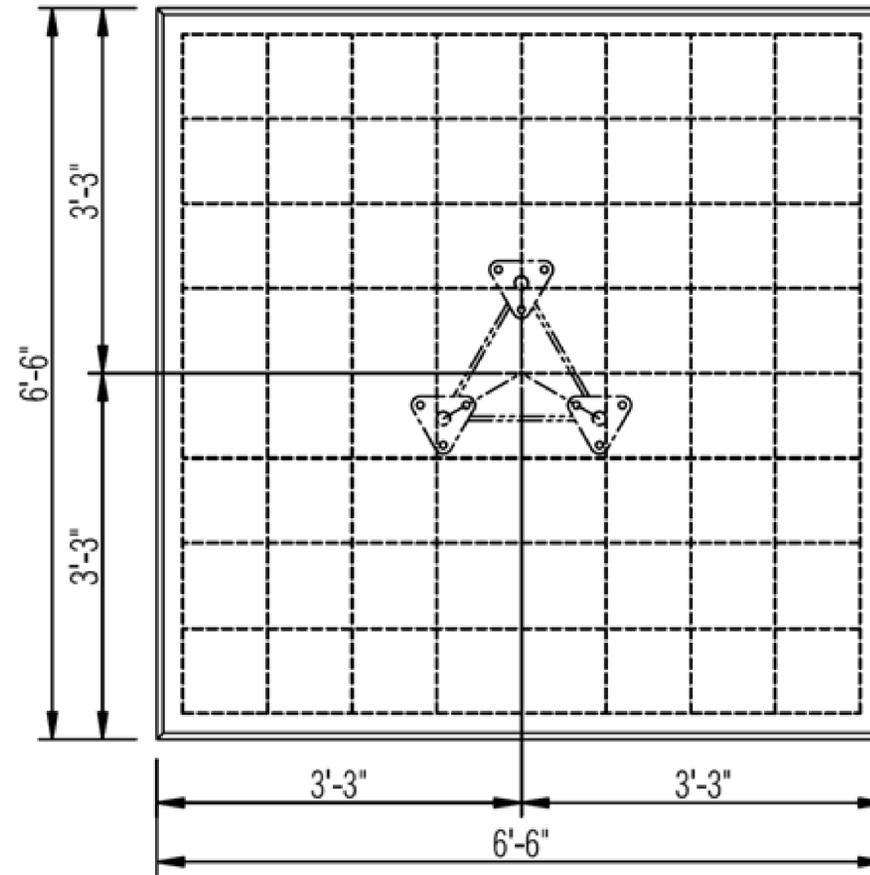


**ELEVATION**



**PLAN**

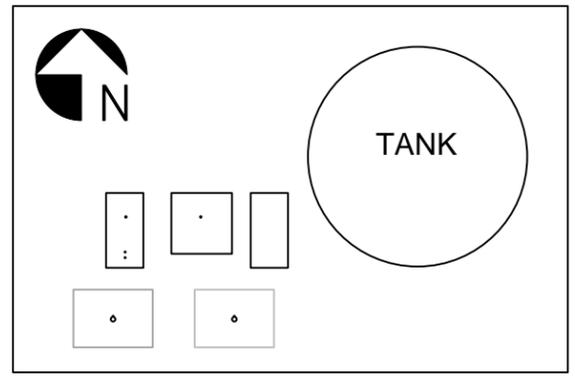
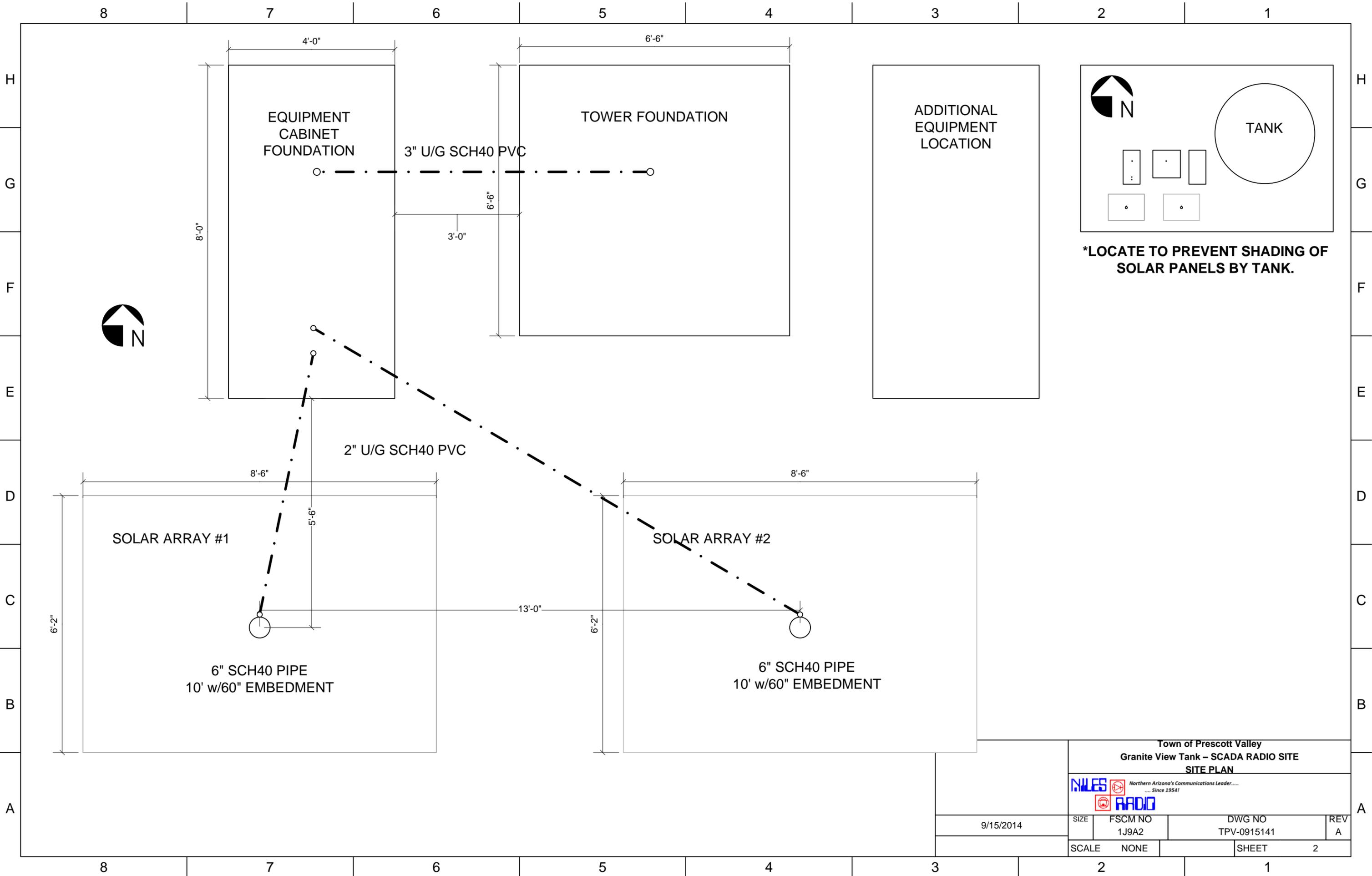
**TOTAL CONCRETE REQUIRED**

7.4 CU.YDS.

**General Foundation Notes:**

- Concrete to conform to the requirements of ACI 318-02 and shall have a minimum 28 day compressive strength of 3,000 psi. All concrete is to be placed against undisturbed soil free of water and any foreign materials.
- Rebar to conform to the requirements of ASTM Specification A615 Grade 60. All rebar to have a minimum of 3 inches concrete cover.
- All exposed corners and edges to be chamfered 3/4 in.
- Foundations designed in accordance with ANSI/TIA/EAI-222-F-1996 using the following:  
 1/3 allowable stress increase considered  
 Allowable net vertical bearing capacity = 4000 psf  
 Allowable net horizontal pressure = 400 psf/ft depth ( to a maximum of 4000 psf)  
 Soil Density = 100 pcf  
 Concrete density = 150 pcf  
 Water Table located below bottom of foundation  
 Frost depth less than depth to bottom of foundation  
 For uplift capacity, weight of foundation plus weight of soil enclosed within an inverted pyramid or cone whose sides form an angle of 30 degrees with the vertical.
- A soil analysis should be performed to determine the appropriate site specific parameters to be used for the design of the foundation. Foundation designs should be evaluated by a registered professional engineer.

Town of Prescott Valley Granite View Tank – SCADA RADIO SITE TOWER FOUNDATION			
 Northern Arizona's Communications Leader..... .... Since 1954!			
9/15/2014	SIZE	FSCM NO 1J9A2	DWG NO TPV-0915141
	SCALE	NONE	SHEET 1



**\*LOCATE TO PREVENT SHADING OF SOLAR PANELS BY TANK.**

<b>Town of Prescott Valley</b> <b>Granite View Tank – SCADA RADIO SITE</b> <b>SITE PLAN</b>				
				
	SIZE	FSCM NO 1J9A2	DWG NO TPV-0915141	REV A
9/15/2014	SCALE	NONE	SHEET	2