Using Your Android Phone & Google Earth for Plot Mapping

1) Download & Install Google Earth on your desktop computer (it's free):

(http://www.google.com/earth/download/ge/agree.html)

2) Go to Google play on your phone & download GPS Essentials by Mictale.com (it's free too):



3) Check your phone settings & makes sure your GPS is on:



4) Start GPS Essentials on your phone & go to way points:



5) Stand right at your chosen permanent marked and enter a waypoint. Identify the point with something like Castroville Drip Valve:



6) Now export this point in kml format to yourself:

Drip Valve CASTROVILLE.kml



7) Now double click on the kml file and Google Earth will load & zoom to this point:



8) Repeat for your plot corner points:



9) Use the ruler tool to check your distances:

Drip valve CASTI	ROVILLE (GPS) I		
1	Trt 01-W	Frt 01-e	
Line Path Pro Measure the distance between two poin	is on the ground		L
Map Length: Ground Length: Heading:	48.72 Feet ▼ 48.72 82.13 degrees	Trt02-w	

10) Use the drawing tools to finish out the map (Here is Bob Viales')

The untreated plot starts at the S th row from Drip Irrigation Valve #1 in the north corner of Lot 14. Untreated and treated plots each contain 1 row (50.0 ft. long). Rows are on 6.67 ft. centers making each plot 50.0 ft. by 6.67 ft. There is a 70.0 ft buffer between treated and untreated plots. The treated plot starts at the 12 th row S of the untreated plot. The plots are situated on level ground with the rows running NE/SW.	t. ISE
Drip Irrigation Valve #1 154.0 ft. 101.51 104.0 ft. 1091	Telephone pole
56.0 ft. 47.5 ft.	15.0 ft.
140.0 ft. 70.0 ft. buffer	(3)
Treated 135.0 ft. 0 2013 Google	67.0 ft. Coogle earth