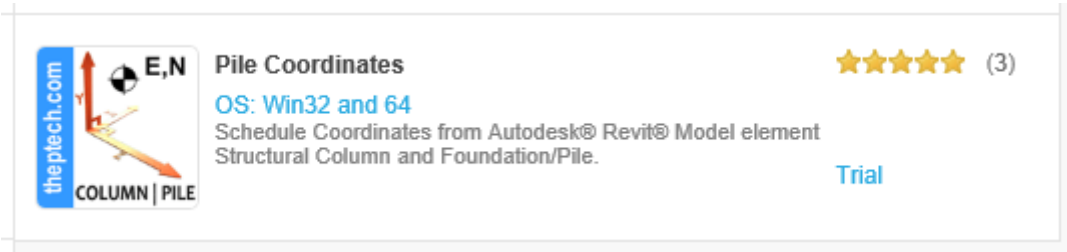


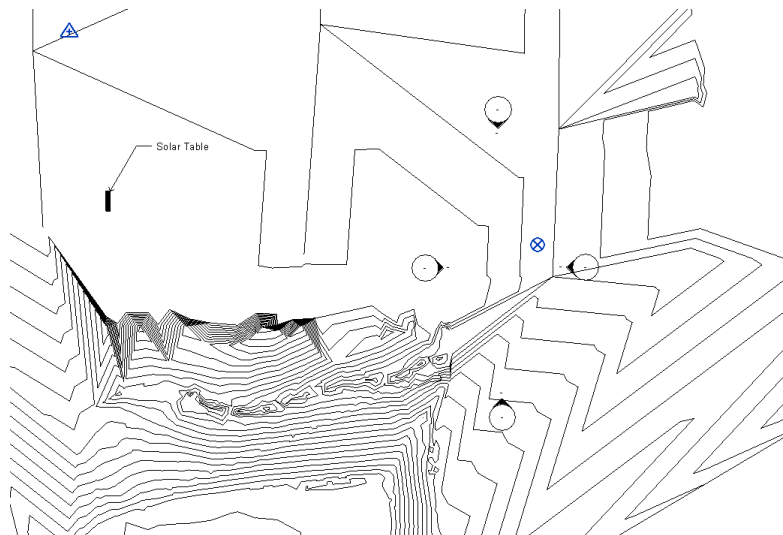
## Revit 2016 Scheduling Pile Positions

First download the Pile Coordinates App from the Autodesk App store and install it.

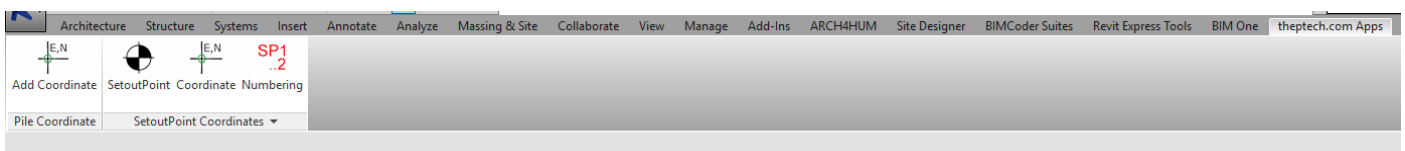


In the Revit project, site view.

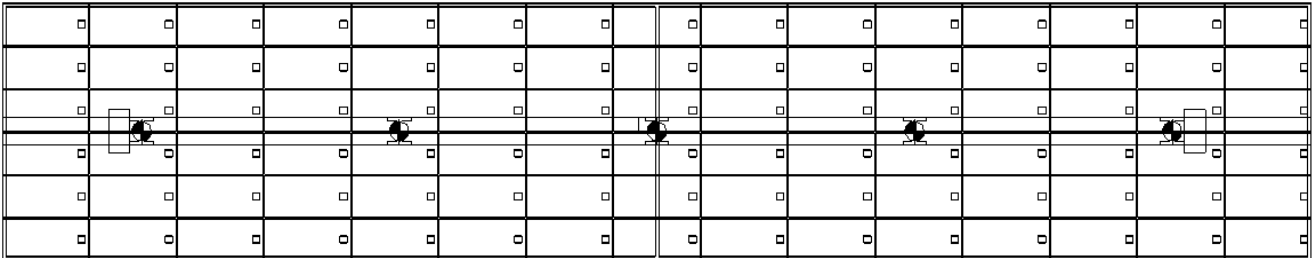
Place the Solar table family component onto the Toposurface.



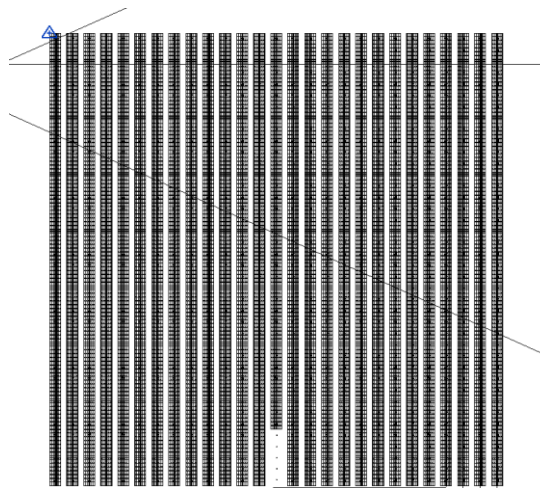
The Pile Coordinates tool will create its own tab called, theptech.com Apps. Choose this tab and select the Setout Point Tool



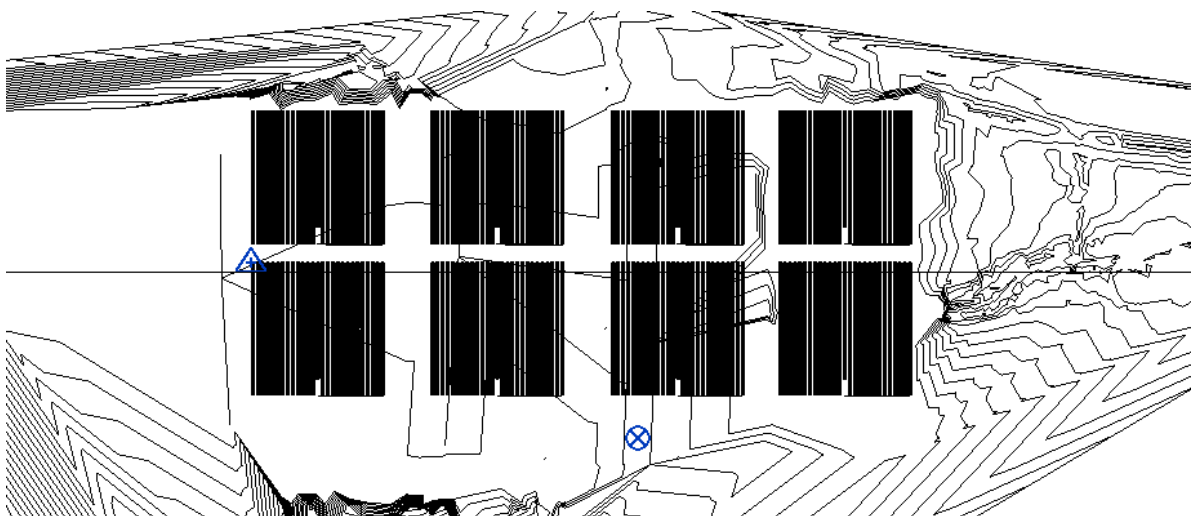
Place a point at each of the pile positions.



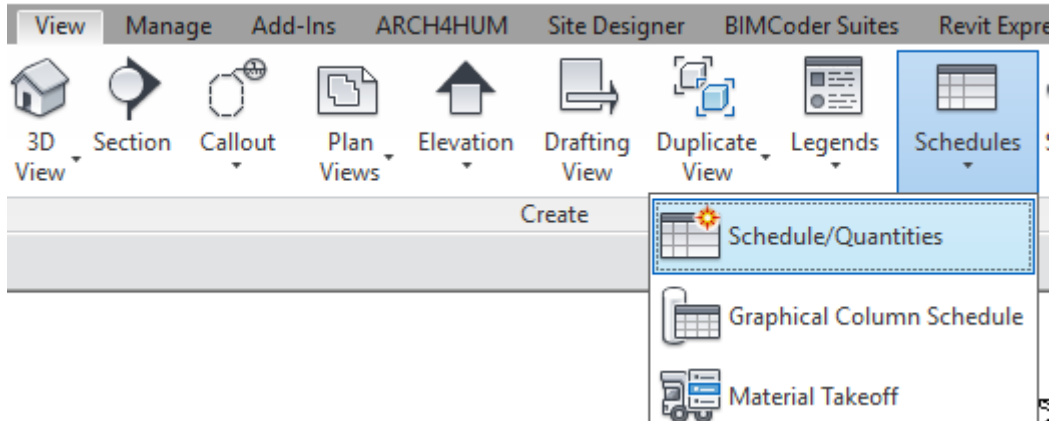
Select the Solar Table Assembly ,including points and Array them to the configuration required.



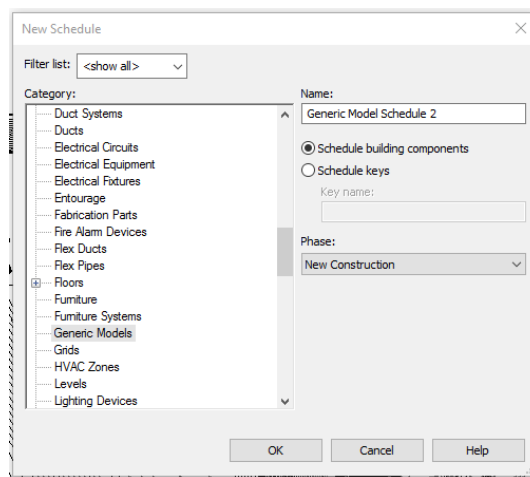
Group the objects together and copy them to finish the required layout



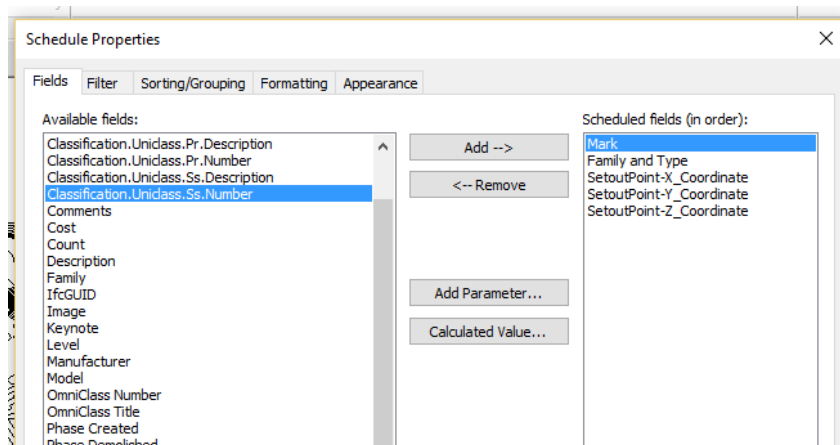
Select the schedule tool on the view tab



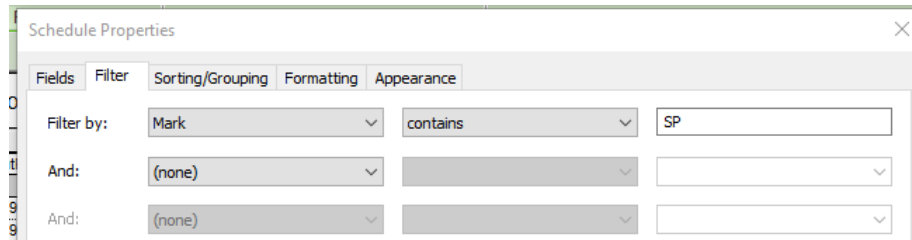
Choose generic models in the category list, and select OK



Choose the fields illustrated in the image



Then on the Filter Tab, filter by Mark using contains operator and the value is SP, as all the location marks have a SP prefix



Choose Sort by Mark in the filter list. The Grand Totals and Itemize every instance checkboxes should be ticked.

Use the Formatting Tab to rename any of the column headers and on the Appearance Tab you can change the text height and font style.

Then select OK and the Schedule of points appears with X,Y,Z coordinates of ever Pile

<Generic Model Schedule>					
A	B	C	D	E	F
Mark	SetoutPoint-Easting	SetoutPoint-Northin	SetoutPoint-X_Coo	SetoutPoint-Y_Coo	SetoutPoint-Z_Coo
SP1	4125480	367904	-424592	48862	40000
SP2	4125480	371504	-424592	52462	40000
SP3	4125480	375105	-424592	56063	40000
SP4	4125480	378705	-424592	59663	40000
SP5	4125480	382305	-424592	63263	40000
SP6	4125480	386204	-424592	67162	40000
SP7	4125480	389804	-424592	70762	40000
SP8	4125480	393405	-424592	74363	40000
SP9	4125480	397005	-424592	77963	40000
SP10	4125480	400605	-424592	81563	40000
SP11	4125480	404504	-424592	85462	40000
SP12	4125480	408104	-424592	89062	40000
SP13	4125480	411705	-424592	92663	40000
SP14	4125480	415305	-424592	96263	40000
SP15	4125480	418905	-424592	99863	40000
SP16	4125480	422804	-424592	103762	40000
SP17	4125480	426404	-424592	107362	40000
SP18	4125480	430005	-424592	110963	40000
SP19	4125480	433605	-424592	114563	40000
SP20	4125480	437205	-424592	118163	40000
SP21	4125480	441104	-424592	122062	40000
SP22	4125480	444704	-424592	125662	40000
SP23	4125480	448305	-424592	129263	40000
SP24	4125480	451905	-424592	132863	40000
SP25	4125480	455505	-424592	136463	40000
SP26	4125480	459404	-424592	140362	40000
SP27	4125480	463004	-424592	143962	40000
SP28	4125480	466605	-424592	147563	40000
SP29	4125480	470205	-424592	151163	40000
SP30	4125480	473805	-424592	154763	40000
SP31	4125480	477704	-424592	158662	40000
SP32	4125480	481304	-424592	162262	40000
SP33	4125480	484905	-424592	165863	40000
SP34	4125480	488505	-424592	169463	40000
SP35	4125480	492105	-424592	173063	40000
SP36	4125480	496004	-424592	176962	40000
SP37	4125480	499604	-424592	180562	40000
SP38	4125480	503205	-424592	184163	40000
SP39	4125480	506805	-424592	187763	40000
SP40	4125480	510405	-424592	191363	40000
SP41	4130996	367904	-419077	48862	40000
SP42	4130996	371504	-419077	52462	40000
SP43	4130996	375105	-419077	56063	40000
SP44	4130996	378705	-419077	59663	40000
SP45	4130996	382305	-419077	63263	40000
SP46	4130996	386204	-419077	67162	40000
SP47	4130996	389804	-419077	70762	40000