

Digital Canal Corporation

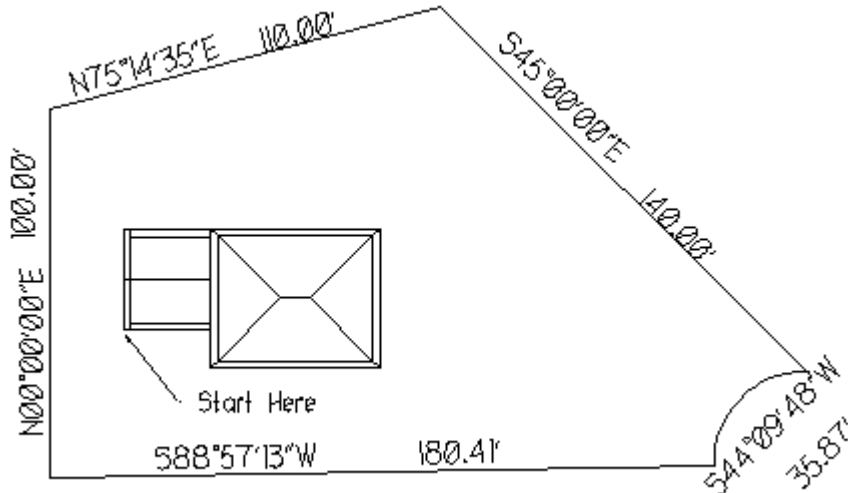
Solution Papers

Summary: *Creating Site Plan*

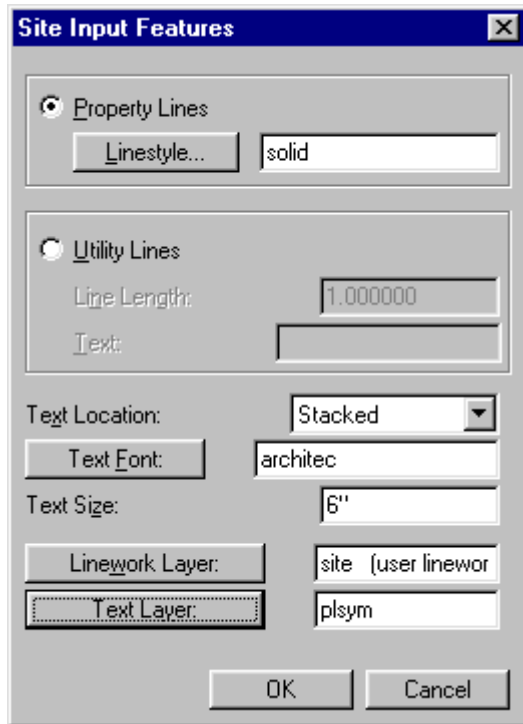
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Overview: The following procedure will accurately take you through the steps necessary to create a Site Plan in SolidBuilder using the Site Input feature. Use the Figure below for reference

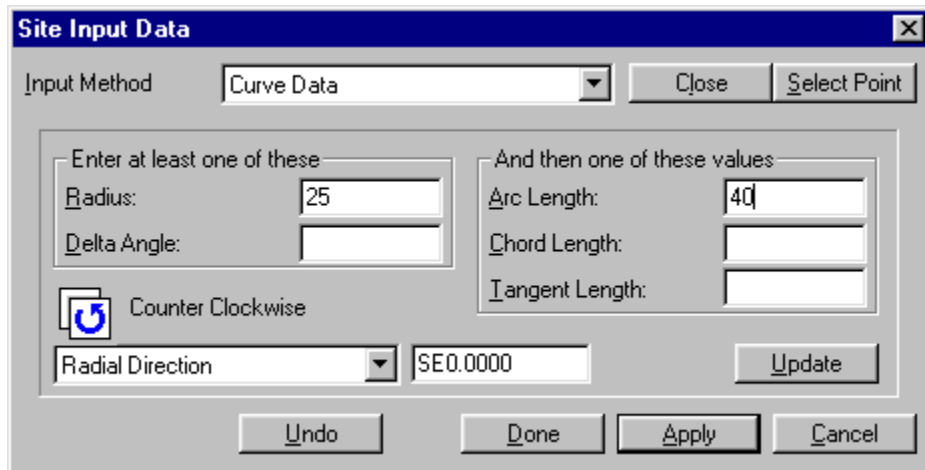
Solution:



1. Open the desired model in SolidBuilder™. Make the Roof visible and anything else you want to see in the site plan. Click on plan view. Create a Flat Working Drawing using Lines Only.
2. Once the Working Drawing has been created zoom out enough so that you have room for the lot lines. Select Linework → Site Input. The Site Input Features dialog box opens.



3. Match the settings in the above dialog box.
4. Click on the Linework Layer button. The Linework Layer dialog box opens and type in 'site' and hit the New button and OK.
5. Click on the Text Layer button. The Symbol/Text Layer box opens and type in 'sitetext' and hit the New button and OK. And OK once more.
6. You are prompted to Select Point. This will be the starting point of the site plan. We will start 20' to the left and 40' down from the Start Point shown in the figure above (the very outside lower left corner). Using E jump to the corner and type X-20', Y-40'. The Site Input Data box will immediately open. The next point will be to the north. In the Bearing window type NW0.000 and in the Distance box type 100 (DO NOT USE THE ' sign for feet). Hit the Apply button.
7. Next type in Bearing NE75.1435 (this creates the line in the back of the model at 75 degrees, 14 minutes and 35 seconds) and Distance 110. Hit Apply.
8. Next will be the third line from the back to the front right. Type in Bearing SE45 and Distance 140. Hit Apply.
9. Next is the curve in the lower right. From the top of the Site Input Data box in the Input Method window select Curve Data. On the left side enter Radius 25. Turn on the Counter Clockwise toggle, set Direction to Radial Direction and enter SE0.000 in the window. Set Arc Length to 40. (See settings below). Hit Apply



10. The final step is to close the site plan. Hit the Close button in the upper right corner.

This completes the Site Plan. You may now add Utility lines in the same manner