

That CAD Girl

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Pipe Run - Sequence of Steps

1. Build an accurate Existing Ground surface
2. If needed, build an accurate Proposed Ground surface
3. If all or portions of pipe runs are to be shown in roadway profiles, draw proposed roadway profiles in drawing
4. Draw pipe runs with Autocad polylines and identify structure location
5. Define horizontal alignment along each pipe run - define from low point to high point
6. If more than one surface is available, toggle multiple surfaces ON and then select multiple surfaces
7. Sample profiles for pipe run alignment
8. Draw Full profile for EG surface
9. Draw surface profile for PG surface (if necessary)
10. Edit pipe settings - default invert in and out below rim elevation, structure type, pipe material, pipe size
11. Define/Draw pipe run - define in direction of flow
12. Associate each pipe run to its corresponding alignment by "Select an Existing Alignment"
13. Draw pipes into drawing
14. Edit settings and values as needed
15. Draw pipes into drawing - This should always be the final step