

SETOUT LINE & POINT PROJECTION

1. Select set out line from the menu
2. Press Enter
3. Highlight Stn Orientation
4. Follow instructions from Coords or Setting out sheets to set up the instrument on a Station and Backsight an R.O.
5. Highlight and select DEFINE BASELINE
6. Select either EDIT (and enter values) or READ and select required point from list.
7. Use Scroll Button and press right to select 2nd Point of the Baseline
8. Press OK
9. Azimuth and Horizontal distance are displayed (which can be checked against an existing drawing dimension).
10. Press OK
11. Select SETOUT Point
12. Highlight Length and Offset to enter values(see below)
13. Coord of Length and offset is displayed
14. Select F4 SO and Set out as per Set Out Coords Sheet
15. Press escape and return to step 12 and repeat

The first point you enter to create the baseline will start at zero chainage and will follow the direction to the second point. Negative offset is to the left, as the chainage runs, and positive offset is to the right.

1. Select Point Projection from the menu
2. Follow steps 3-9 as above to define the baseline
3. Highlight and select Point Projection
4. Sight Prism on a point and Press F2 OBS
5. Raw data to the point is displayed
6. Change Target Height if required and select YES
7. Length, Offset and delta Height is displayed relative to the baseline defined

The same rules apply regarding values to the chainage and offset as above. Remember if using a reflectorless instrument Tgt.h is 0