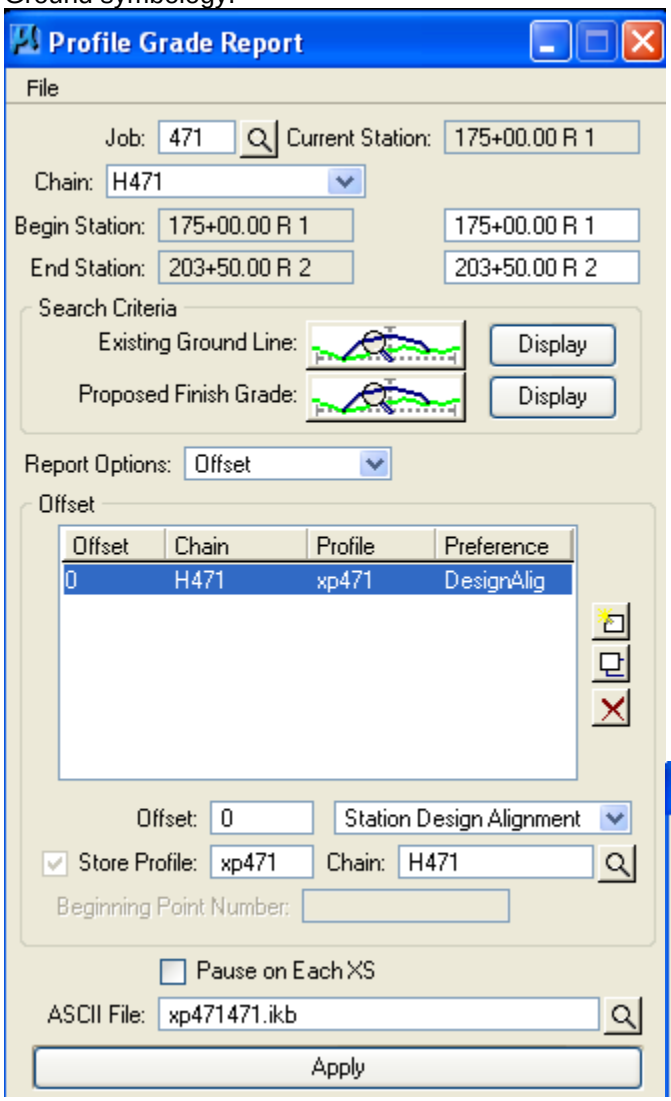
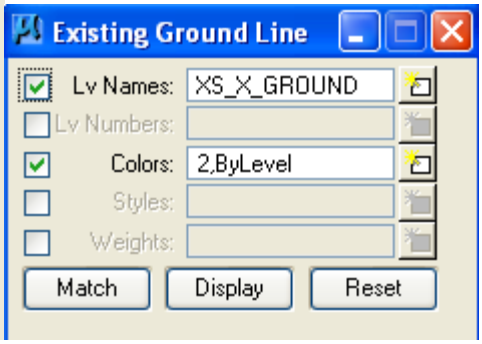
EXISTING PROFILE FROM XS

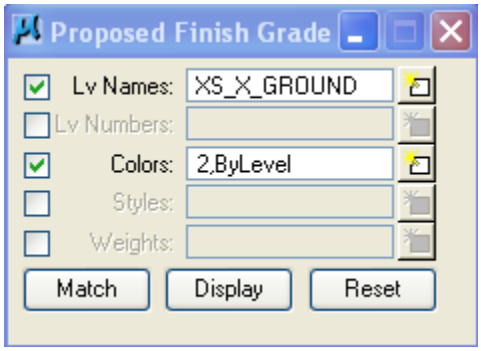
In the XS DGN file you wish to cut a profile from:

1. Tag Profile Grade & choose your job number if prompted.

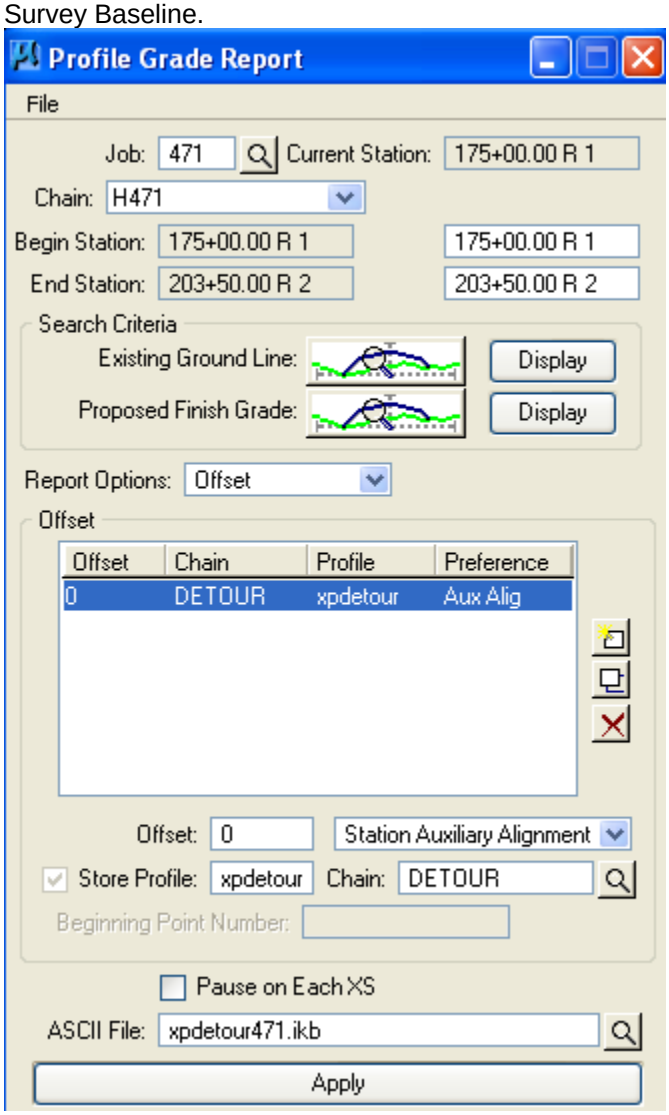
2. Fill out the dialog as shown below. Make sure to set Existing and Proposed Ground to Existing Ground symbology.



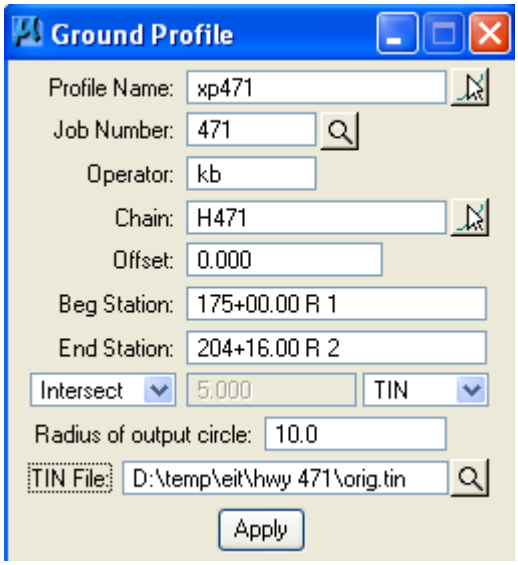




3. Another example is shown below when cutting a profile about an alignment other than the Survey Baseline.

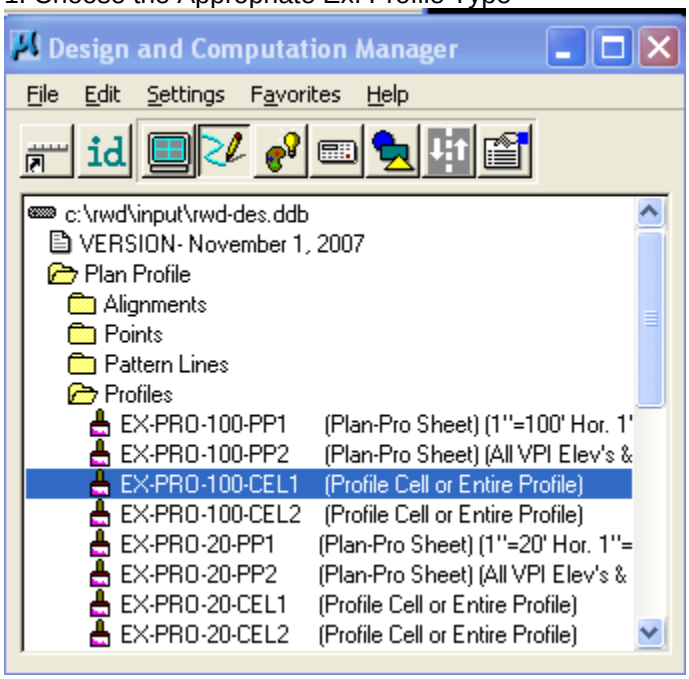


EXISTING PROFILE FROM DTM

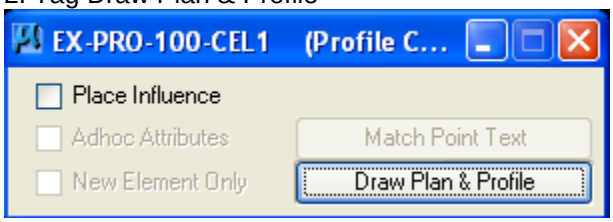


PLOT EXISTING PROFILE

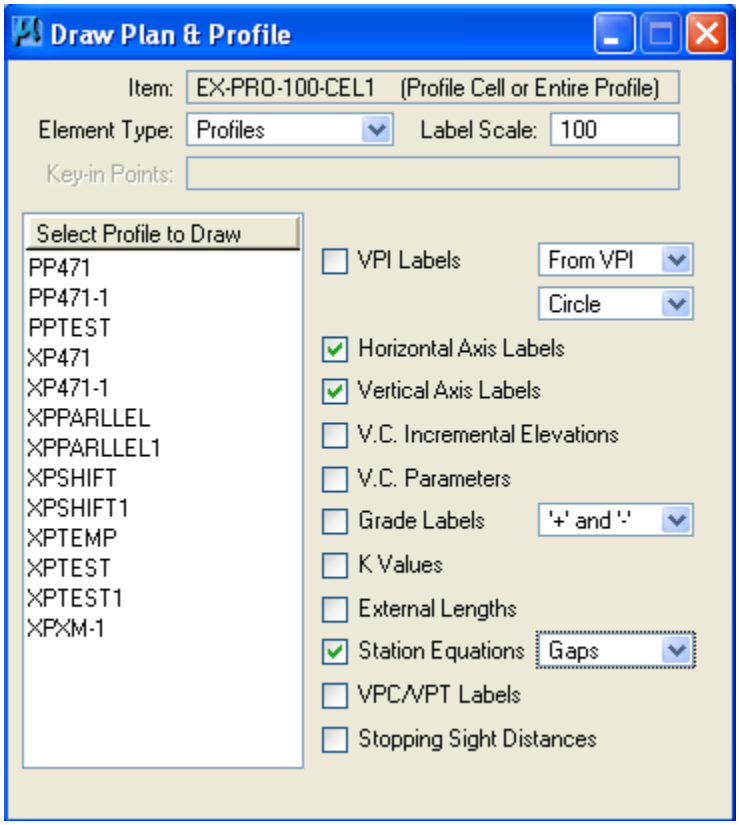
In Profile dgn file.
1. Choose the Appropriate Ex. Profile Type



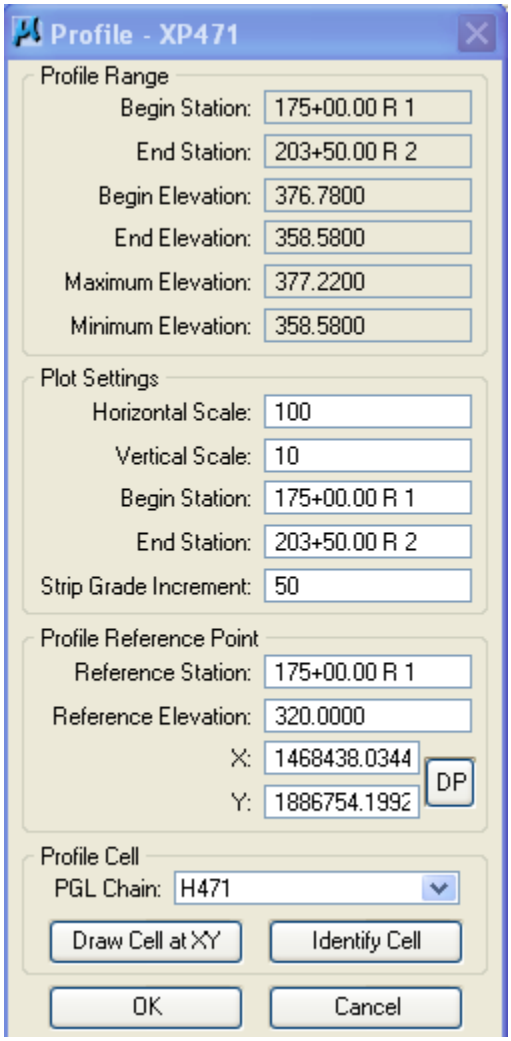
2. Tag Draw Plan & Profile



3. Set the Label Scale which is the Horizontal scale of the profile and turn on Station Equations with GAPS. Then choose the profile to plot.



4. Fill out dialog as shown below and tag DRAW CELL AT XY and then OK to plot profile.


Profile - XP471
Profile Range
Begin Station: 175+00.00 R 1
End Station: 203+50.00 R 2
Begin Elevation: 376.7800
End Elevation: 358.5800
Maximum Elevation: 377.2200
Minimum Elevation: 358.5800
Plot Settings
Horizontal Scale: 100
Vertical Scale: 10
Begin Station: 175+00.00 R 1
End Station: 203+50.00 R 2
Strip Grade Increment: 50
Profile Reference Point
Reference Station: 175+00.00 R 1
Reference Elevation: 320.0000
X: 1468438.0344
Y: 1886754.1992
DP
Profile Cell
PGL Chain: H471
Draw Cell at XY
Identify Cell
OK
Cancel