GeoSymMetrics, LLC
Geospatial Consulting Services

Creating and Using Point Groups

Point groups may be used for many different purposes including Draw and Locate Points, Surface creation, or Field to Finish applications. Point groups are used throughout numerous aspects of a typical drafting and mapping workflow.

To create a point group a drawing must have coordinate file (.crd) file with points attached to the drawing.

Instructional Steps:

1. Using either the menu bar or ribbon navigate to the *Group Manager* icon.
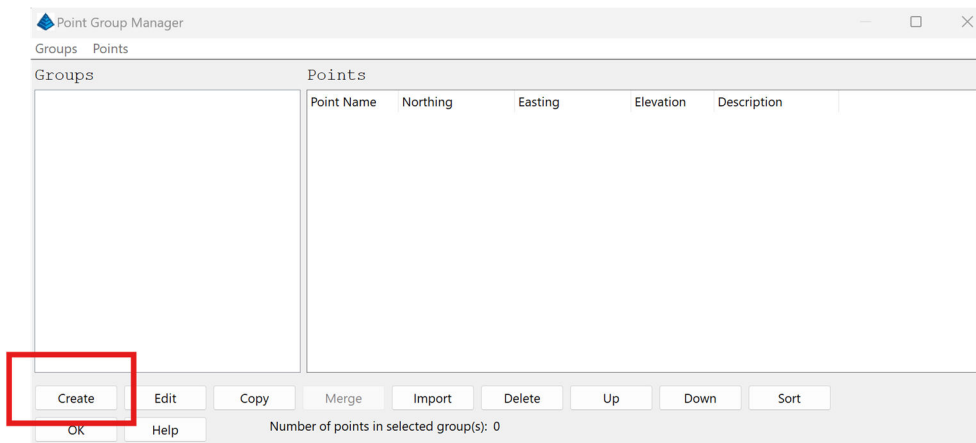2. Pick the *Create* button

Figure 1 Blank Point Group Manager
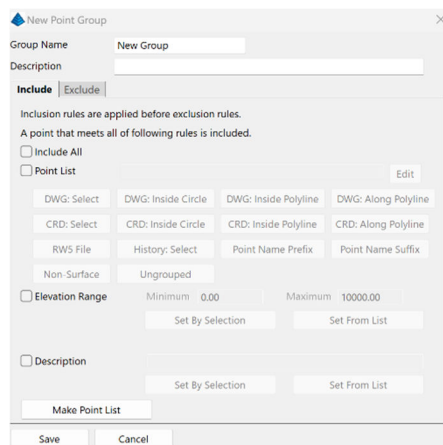
3. *New Point Group* dialog box

Figure 2 New Point Group dialog box

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4. Name the point group (typically this will be the name of the point description or number being grouped (i.e. EP, TBC, etc.)
5. Uncheck *Include All* box
6. Points may be grouped by one of the following unique identifiers (points, elevation, or description). Choose one of these identifiers to create a point group. For example: Select the *Description* box which then allows entry and/or editing of text located in the description field of the coordinate file. (i.e EP (Edge of Pavement), NG (natural ground), TBC (Top Back Curb)).
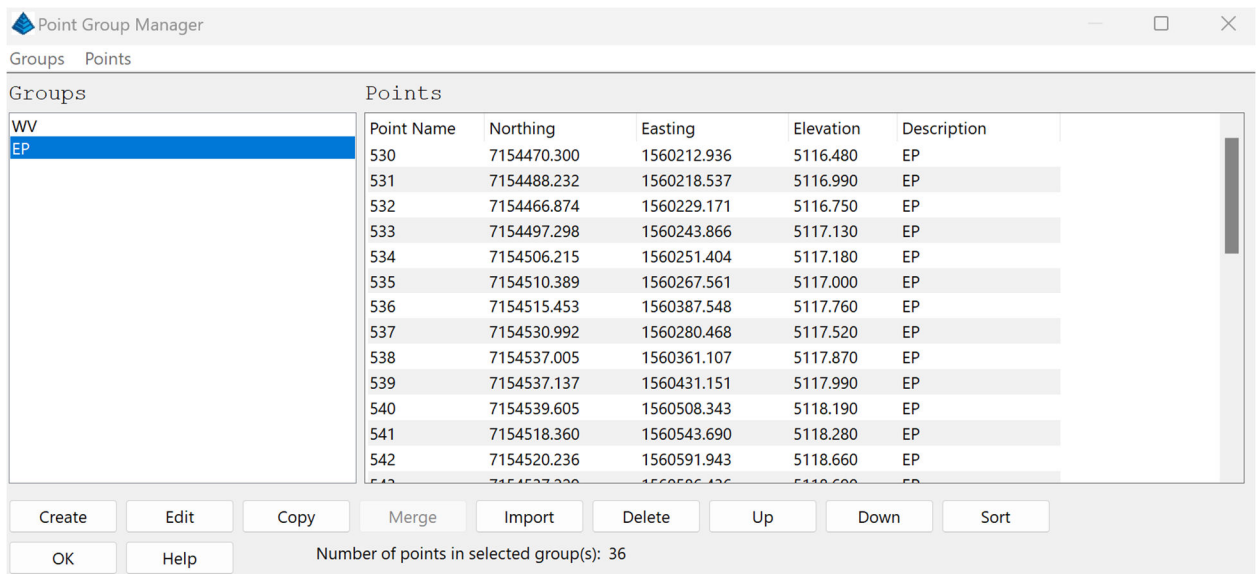

Figure 3 Point Group Manager

7. Once a new Point Group has been created it will appear in the Point Group Manager dialog box as shown in Figure 3.

Best Practices:
Any place where points are used Point Groups can be employed such as: Draw_Locate, Edit, Delete, List, Rotate, Translate, etc.