Deleting Duplicate Objects

The OVERKILL command searches for and allows you to delete duplicate objects, such as overlapping lines of the same length or overlapping, equal-diameter circles. Access the OVERKILL command and select objects to check for duplicate geometry. Press [Enter] to display the Delete Duplicate Objects dialog box. See Figure 11A-1.

The check boxes in the Object Comparison Settings area control objects to ignore when deleting duplicates. For example, if you check Layer, AutoCAD does not delete duplicate objects that share the same layer. Use the Tolerance text box to specify the accuracy applied when deleting duplicate objects. The default value of 0.000001 requires objects to share almost exactly the same coordinates. Type a higher value to delete objects that have a difference in size or coordinates less than or equal to the tolerance value.

Use the check boxes in the Options area to control how AutoCAD handles line, arc, and polyline objects when deleting duplicates. The check boxes include a description of the result. For most applications, leave each primary option checked, but do not check Ignore polyline segment widths or Do not break polylines. Pick the OK button to delete duplicates. The process can take significant time, depending on the complexity of the drawing and the number of matching duplicate objects.

Figure 11A-1.
Using the Delete Duplicate Objects dialog box to specify duplicate deletion settings.