

## 3D Object Viewer

Although the object viewer displays automatically when collisions are detected (providing this option is enabled) it can also be used to isolate portions of the drawing and examine them in 3D space.

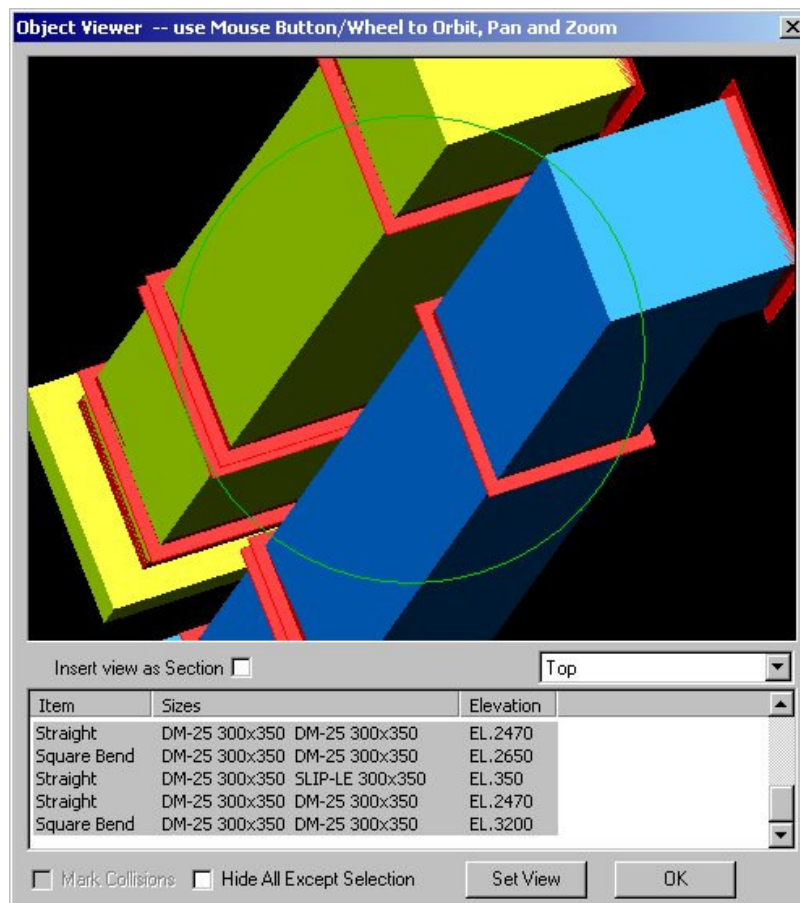
The **3D Object Viewer** is accessed by one of the following methods:

From the toolbar **Select**   
At the **command line** enter **inspect**

### Procedure

#### Opening the Dialogue

Open an existing drawing  
Click on the 3D Object Viewer icon  
Select the Item or Items to be viewed  
Right Click



The Object Viewer dialogue should be displayed. The Viewer is broken down into 3 main sections.

## Top Section

This allows the user to examine the Items selected. Using the mouse the user can rotate and zoom into and around the Items.

### **Left Mouse Button**

Holding down the left mouse button and moving the mouse in the top section of the viewer allows the user to rotate the view.

### **Middle Mouse Button (Wheel pressed)**

Holding down the Middle mouse button or wheel and moving the mouse allows the user to pan the view. This option is dependent on the mouse and if the **mbuttonpan** variable is set.

### **Mouse Scroll Wheel**

Using the scroll wheel on the mouse allows the user to zoom in and out of the viewer

By checking the **Insert view as Section** box the user can save the current view and then, when prompted for an insertion point, place it in the drawing.

The **drop down menu** enables the user to toggle the drawing between predefined views such as Front, Left, etc.

## Middle Section

This section provides additional information about the displayed Items. This information contains the Item Number, the Size and connection method (if appropriate) and the Elevation to both the top and the bottom of the Items.

## Bottom Section

### **Mark Collisions**

This option is used to mark detected collisions on the drawing when the viewer is closed. The collisions are marked with green circles, which are only displayed when the viewer is being used with the collision detection system enabled.

### **Hide All Except Selection**

This option allows the user to isolate the Items displayed in the viewer when the viewer is closed. All other Items will be hidden and can be restored using the **Showall** command or Icon.

### **Set View**

This option is used to re-orientate the main drawing to match the rotation / position and zoom parameters of the Viewer.

### **OK**

Closes the Dialogue