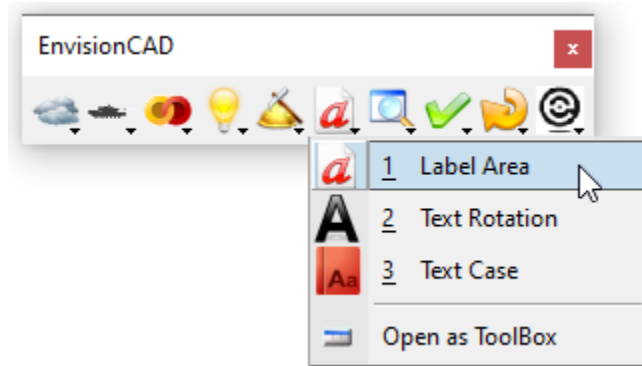




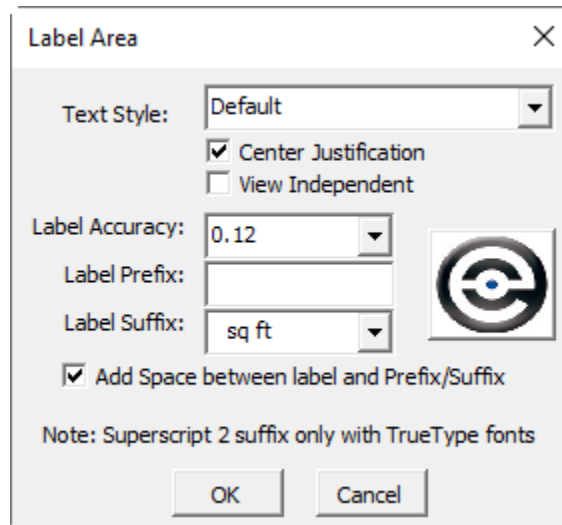
## MicroStation VBA Macro: Label Area



*Note: menu options may appear different as more freeware tools are added*

### **Key-in Command: VBA RUN [LabelArea]LabelArea**

The **Label Area** macro was developed in response to a user request to automatically calculate the area of closed elements and place the result as a text element. This tool will process the selected shape element types, calculate their individual areas, and finally place a text element with the result at the centroid of the shape.



#### **Tool Options:**

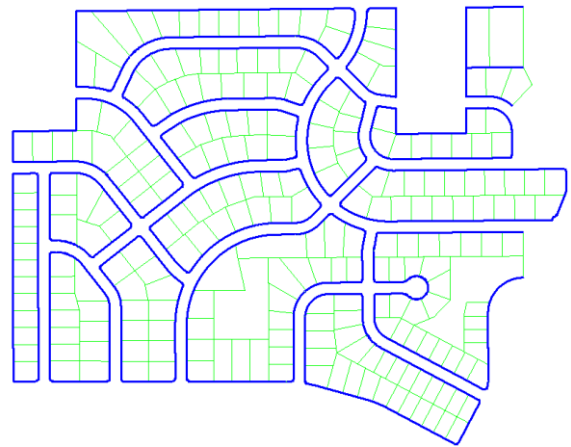
- **Text Style** – Places the label using the selected text style.
- **Center Justification** – Overrides the selected text style justification setting to place label with center-center justification.



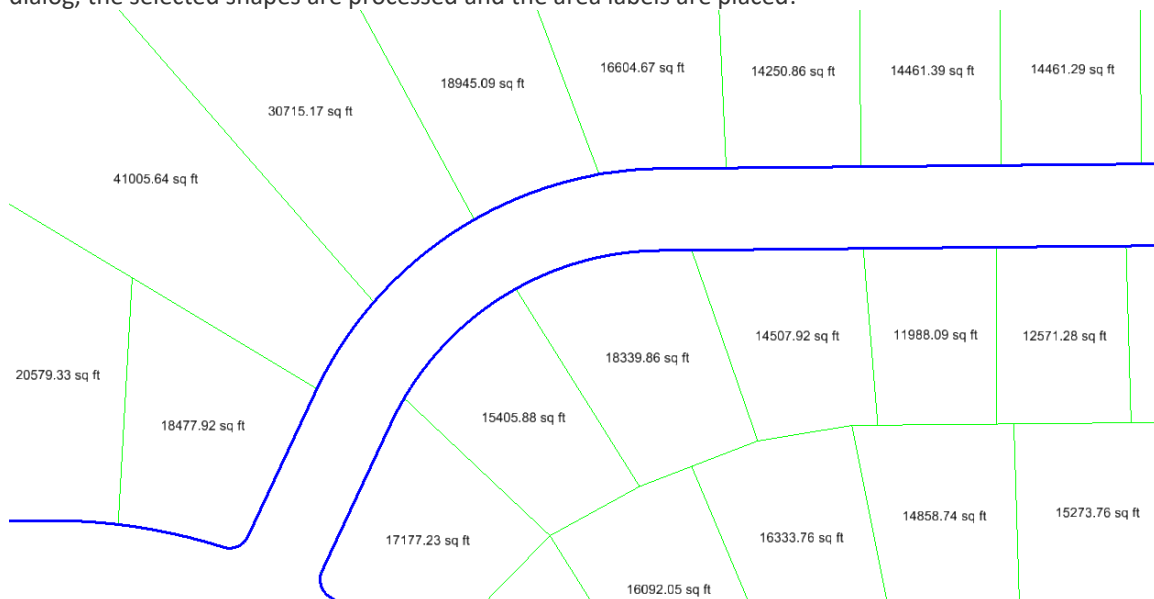
- **View Independent** – When toggled on the text is placed as a *View Independent* text element.
- **Label Accuracy** – Sets the number of places after the decimal for the label value.
- **Label Prefix** – Any text in this field is placed in front of the area value.
- **Label Suffix** - Any text in this field is placed after the area value.
- **Add Space between label and Prefix/Suffix** – When toggled on a space character will be inserted after the prefix and/or before the suffix.

### **Example**

In the following example the area of each parcel shape will be calculated. The result will be placed as a text element at the centroid of each parcel shape.



All of the parcel shapes are selected using the **Element Selection** tool. After clicking **OK** in the **Label Area** dialog, the selected shapes are processed and the area labels are placed.





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