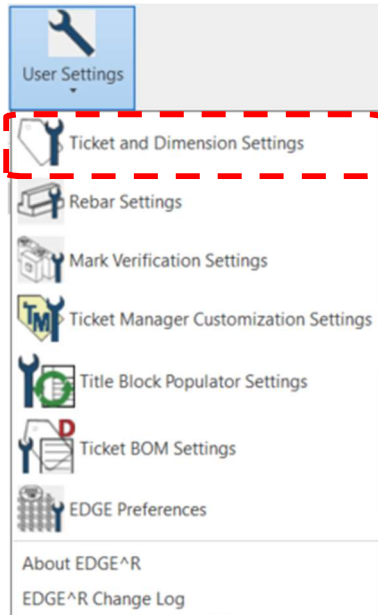


# User Settings: Ticket and Dimension Settings



## Programmed Result of Tool:

Provides users a dialog interface to customize the output of the Erection Drawing Auto-dimension, Ticket Auto-dimension, Auto Ticket Generation, Clone Ticket, and Hardware Detail tools. The Ticket and Dimension Settings file is saved with the following name to the folder path defined in the user's EDGE Preferences:

<<PROJECT\_CLIENT\_PRECAST\_MANUFACTURER>>\_Ticket\_Settings.txt

## Steps to Perform Tool Operation:

*This tool will save user defined settings to a .txt file.*

- 1) User defines the Ticket Settings Folder Path in the EDGE Preferences settings dialog. This is where the ticket settings files will be saved. If changes are made to the EDGE Preferences, then Revit will need to be restarted.
- 2) User clicks Ticket and Dimension Settings under the User Settings tab.
- 3) User then selects one of the tabs along the top to define which tool to customize settings for.
- 4) User selects one of the tabs on the left of the window to customize settings of that group. The tab options will vary based on the tool selected.
- 5) By clicking the Apply Settings button, the current settings will be saved to a file in the user defined location. If the file already exists, the latest settings will overwrite it.

## Known Limitations:

- The LIF Parameter Definition is only placed in the Append String for elements with a MANUFACTURE\_COMPONENT value containing the term EMBED.
- The three parameter definitions (QTY, DESC, and LIF) must be within {{ }} to be considered parameters. Any other text defined in the "Append String" field will be plain text.

# User Settings: Ticket and Dimension Settings

## Callouts, Dimensions, and Text

Callout, Dimensions, and Text

Select the desired families for Callouts, Dimension Strings, and Text

Callout Family: AUTO\_TICKET\_CALLOUT

Overall Dimension Style: PTAC - TICKET (GAP TO ELEMENT)

General Dimension: PTAC - ERECTION (FIXED TO DIM)

Use Equality Formula

Text Style: PTAC - TICKET TEXT

Determines if an Equality Formula will be applied to dimensions.

Note: Overall Dimension Style and Callout Family only apply to Auto Ticket Generation and Hardware Detail.

Change the families used for Callouts, Text Styles, Dimension Strings, and Overall Dimension Strings.

Apply Settings

## Append String

Append String

Move your cursor to the desired Append String location. Define the desired parameter from the dropdown. Select the + button to add the new parameter definition at your cursor's current location.

Append String: `{{QTY}}>{{DESC}} (LIF}}`

Example Result: `(QTY)DESC (LIF)`

Parameter Definition

Prefix:  Suffix:  Result:

Set the desired cursor location here in the Append String field. Manual edits in this field will be accepted.

Shows how the Append String will look with the defined parameters.

Select which parameter to define.

Select to add the defined parameter.

Edit the Prefix and Suffix of the selected parameter.

Displays how the selected parameter will look in the Append String.

Apply Settings

# User Settings: Ticket and Dimension Settings

## Minimum Dimension Value / Same Point Tolerance

The screenshot shows the 'Ticket and Dimension Settings' dialog box with the 'Ticket Auto-dimension' tab selected. The 'Minimum Dimension Value' field is highlighted with a blue box. A callout box explains: 'Only numerical entries are accepted. A warning will prompt if you have entered an unacceptable value.' Another callout box states: 'Set the minimum spacing value in feet and/or inches.' A third callout box notes: 'Note: Minimum Dimension Value only applies to Auto Ticket Generation, Ticket Auto-dimension, Clone Ticket, and Hardware Detail.' A fourth callout box says: 'The Ticket Settings file will be saved after selecting Apply.' An 'Apply Settings' button is visible at the bottom left. An error message dialog box is overlaid on top, stating: 'Only whole numbers and decimal values are supported inputs. Please check the minimum dimension value(s) and try again.' with an 'OK' button at the bottom right.

## Precast Dimension Text

The screenshot shows the 'Ticket and Dimension Settings' dialog box with the 'Ticket Auto-dimension' tab selected. The 'Precast Dimension Text' field is highlighted with a blue box. A callout box says: 'Tips on how to customize settings.' The 'Precast Dimension Text' field is empty. Below it, three input fields are shown for 'OVERALL', 'CONTOUR', and 'BLOCKOUT', each with a corresponding label. A callout box explains: 'Edit labels used for the three different types of dimension strings.' Another callout box notes: 'Note: Precast Dimension Text only applies to Auto Ticket Generation and Clone Ticket.' An 'Apply Settings' button is visible at the bottom left.