SeptiCAD Preferences

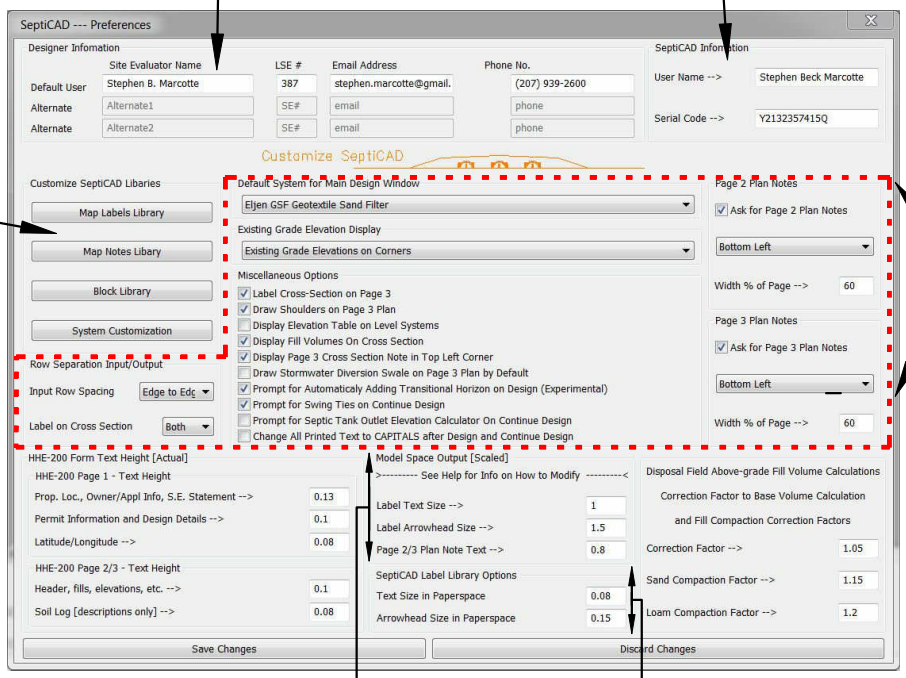
Toolbar	Pref
Command Line	sUser

Site Evaluator Information
Appears on HHE-200 Form
Alternate Designers can be used

SeptiCAD License Registration
User Name and Serial Code
to UNLOCK SeptiCAD

Customize SeptiCAD Libraries

Miscellaneous options for SeptiCAD



Settings for Fill Volume Calculation [See Note 3]

Adjust text height on HHE-200 Form [See Note 1]

Adjust text and arrowhead sizes in MODEL space [See Note 2]

Adjust Map Label Library Paper Space Label Size [Actual Text/Arrow Sizes]

NOTES

(1) Text Height on HHE-200 Form: Since the height : width ratio changes for different font types, the text heights (sizes) may be need to be modified. Changes will be made to all subsequent designs.

Changing the Design Font: First try out fonts, by opening an existing design and modify the Font for the SEPTICAD Text Style using the CAD menus. To apply a new font for all new designs, the user must open a blank SeptiCAD Template.DWG file and modify the SEPTICAD Text Style for the C:\SeptiCADv5\SeptiCAD-Template.DWG. SAVE the updated template file, and make the file read only. For a more detail description see the Frequently Asked Questions (FAQ) in the Help File.

Note #2 & 3 on Next Page

SeptiCAD Preferences (cont)

(2) The Text Height of Labels and Notes for the Page 2 Map, Page 3 Map and Cross Section are determined based on their respective scales and the scales (multipliers) in this menu [e.g. text height = (scale * multiplier)/10].

EXAMPLE: If the Page 2 Map scale is 1"=60' and the Page 2/3 Map Label Text multiplier is 1.1 then the actual text size for a Label on the Page 2 Map will be = 60/10 * 1.1 -OR- 6.6.

The multipliers for Arrowhead Length AND Notes Text Height are applied to the modified text height
for Page 2 & 3 Maps and Cross Section.

EXAMPLE: If text height = 6.6 and Arrowhead Length multiplier = 1.5, then the actual arrowhead length will be = 6.6 * 1.5 -OR- 9.9.

These scales affect all SeptiCAD tools

(3) The total **above grade** volume of fill is calculated using the End Area Method. The total volume of fill is then multiplied by a user defined "fudge factor". The volume of a 4" loam layer is calculated for the area of the 3 dimensional fill extension. Then the:

total volume of sand = total volume of fill - volume of loam.

Compaction factors are then applied to the sand and loam volumes separately (a compaction factor of 1.15 = 15% compaction). *The volume of the disposal field components (e.g. stone, chambers, etc.) is not subtracted from total fill volume.*

Diagram on right depicts the 9 fill volumes calculated with the End Area Method. Volumes DOWN, UP and BODY are calculated using cross sections A-A' and B-B'. Volumes RIGHT and LEFT are calculated using cross sections C-C' and D-D'.

Since there are two possible ways to calculate the 4 corner fill volumes *, both volumes are calculated and the larger of the two volumes is used. Volumes are calculate from a 1/2 area.