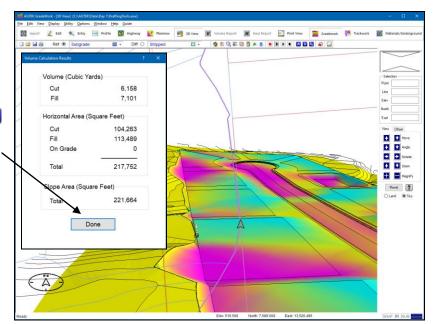
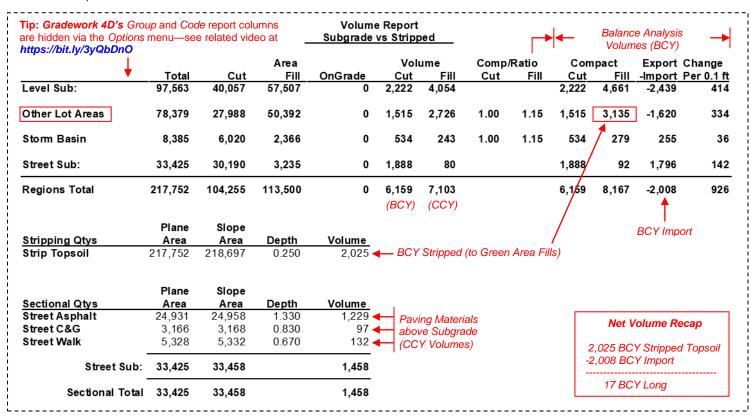
## Appendix J Conceptual Modeling Exercise (Cont.)

Let's re-run the volume calculations for a final updated *Volume Report* ...

Step 88-A: (a) If *Point Plus Marks* are still on, press F2 to hide them; (b) switch to 3D View mode, set *Ref Surface* to Subgrade and *Diff Surface* to Stripped; (c) click the Calc Volume toolbar button; (d) when the *Results* dialog displays, click **Done** to view the updated *Volume Report*.

Step 88-B: After the *Volume Report* displays, select **Options > Report Sectionals** from menu (adds *Sectional Qtys* to the report) then select **Options > Sub-totals Only > Report Regions** from menu (shortens the report by listing *Report Region* sub-totals only). The *annotated* report below documents that we're now net long by just 17 BCY (2,025 BCY *Topsoil* - 2,008 BCY *Import* = 17 BCY net).





**Reminder:** The final balanced volumes reported above are subject to the assumptions discussed throughout this conceptual modeling exercise (topsoil stripping depth, applicable design standards, BCY cut to CCY fill shrinkage, etc.) and other volumes may need to be factored into the balancing calculations (spoil volumes from trenching/structural excavation and specified removal volumes for unsuitable materials—see the prior volume report discussion on page 394).

Okay, let's wrap this exercise by generating some contours for the finished conceptual design surface (see next page).