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Subject: Timbercrest Estates Roadway Fill Volume

Below are tables outlining the cut, fill, and net volume of fill required for the roadways at Timbercrest Estates in Medway. The numbers in the first table were produced using a volume calculation within AutoCAD Civil 3D that compares the existing topography to the proposed finished grade of the roadway. This does not include lot grading or grading for the various drainage basins and swales.

The second table is an approximation of the volume of soil to be stripped from the existing ground prior to filling for the roadway. This soil may be used for lot and basin grading.

These numbers are to be considered approximate. Actual volumes required may vary.

| | Cut (yd ³) | Fill (yd ³) | Net (yd ³) |
|------------------------|------------------------|-------------------------|------------------------|
| Common Driveway | 80 | 830 | 750 (fill) |
| East Side Roads | 1,890 | 26,660 | 24,770 (fill) |
| West Side Roads | 1,970 | 36,420 | 34,450 (fill) |
| Total | 3,940 | 63,910 | 59,970 (fill) |

| | Linear Feet of Road | Road Width | Strip Depth | Volume (yd ³) |
|------------------------|---------------------|------------|-------------|---------------------------|
| Common Driveway | 700' | 15' | 2.5' | 972 |
| East Side Roads | 3,466' | 26' | 2.5' | 8,344 |
| West Side Roads | 3,930' | 26' | 2.5' | 9,461 |
| Total | 8,096' | | | 18,777 |