

Volumes by Triangulation (Prisms) Thu Aug 10 12:08:47 2023
Existing Surface: N:\DWGS\5018 - Carrington North\Preliminary Plat - 2023\TIN\Existin
Final Surface: N:\DWGS\5018 - Carrington North\Preliminary Plat - 2023\TIN\Proposed

Cut volume: 170,064.5 C.F., 6,298.69 C.Y.
Fill volume: 95,719.8 C.F., 3,545.18 C.Y.
Bank Fill Volume: 119,649.73 C.F., 4,431.47 C.Y.

Area in Cut : 56,726.2 S.F., 1.30 Acres
Area in Fill: 53,475.2 S.F., 1.23 Acres
Area exactly in daylight: 226,170.6 S.F., 5.19 Acres
Total inclusion area: 336,372.0 S.F., 7.72 Acres

Average Cut Depth: 3.00 feet
Average Fill Depth: 2.24 feet
Cut to Fill ratio: 1.78
Export Volume: 2,753.5 C.Y.
Elevation Change To Reach Balance: 0.221
Volume Change Per .1 ft: 1,245.8 C.Y.

Cut Swell Factor : 1.000
Fill Shrink Factor: 0.800
Cut (C.Y.) / Area (acres): 815.68
Fill (C.Y.) / Area (acres): 459.10

Max Cut: 6.049 at 2119199.320,709009.800
Max Fill: 8.000 at 2119205.591,708786.263