

Project: 5147 04 Master Grading Plan 01

Existing Surface: N:\DWGS\5147\Section 4\5147 04 DTM\5147 04 Master Grading Plan

Final Surface: N:\DWGS\5147\Section 4\5147 04 DTM\5147 04 Master Grading Plan 01

Cut Volume: 5,614.6 C.Y.

Fill volume: 5,382.9 C.Y.

Max Cut: 13.115 at 2122677.808,707258.936

Max Fill: 12.475 at 2122315.593,706311.006

Area in Cut : 55,481.4 S.F., 1.27 Acres

Area in Fill: 57,766.0 S.F., 1.33 Acres

Total inclusion horiz area: 113,685.5 S.F., 2.61 Acres

Total inclusion slope area: 118,135.8 S.F., 2.71 Acres

Average Cut Depth: 2.73 feet

Average Fill Depth: 2.52 feet

Cut to Fill ratio: 1.04

Export Volume: 231.7 C.Y.

Elevation Change To Reach Balance: 0.055

Volume Change Per .1 ft: 421.1 C.Y.

Cut (C.Y.) / Area (acres): 2,151.3

Fill (C.Y.) / Area (acres): 2,062.5