

Summit Valley Sec 4

Fri, Jul 18 2025 1:55:04 PM

Project: 6211 80 Master Grading Plan 01

Area 1

Existing Surface: N:\DWGS\6211\6211 80 DTM\6211 80 Master Grading Plan 01-ex.tin

Final Surface: N:\DWGS\6211\6211 80 DTM\6211 80 Master Grading Plan 01-fn.tin

Cut Volume: 628.2 C.Y.

Fill volume: 5,425.4 C.Y.

Max Cut: 5.994 at 2150617.117,677261.430

Max Fill: 15.696 at 2150641.990,677308.367

Area in Cut : 8,418.4 S.F., 0.19 Acres

Area in Fill: 21,833.9 S.F., 0.50 Acres

Total inclusion horiz area: 30,284.7 S.F., 0.70 Acres

Total inclusion slope area: 31,279.8 S.F., 0.72 Acres

Average Cut Depth: 2.01 feet

Average Fill Depth: 5.83 feet

Cut to Fill ratio: 0.12

Import Volume: 4,797.2 C.Y.

Elevation Change To Reach Balance: -4.277

Volume Change Per .1 ft: 112.2 C.Y.

Cut Swell Factor : 1.000

Fill Shrink Factor: 1.150

Cut (C.Y.) / Area (acres): 903.6

Fill (C.Y.) / Area (acres): 7,803.6

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Area 2

Existing Surface: N:\DWGS\6211\6211 80 DTM\6211 80 Master Grading Plan 01-ex.tin

Final Surface: N:\DWGS\6211\6211 80 DTM\6211 80 Master Grading Plan 01-fn.tin

Cut Volume: 622.8 C.Y.

Fill volume: 4,529.1 C.Y.

Max Cut: 6.286 at 2150430.611,678257.902

Max Fill: 15.557 at 2150368.919,678339.378

Area in Cut : 7,031.7 S.F., 0.16 Acres

Area in Fill: 17,058.7 S.F., 0.39 Acres

Total inclusion horiz area: 24,091.5 S.F., 0.55 Acres

Total inclusion slope area: 24,810.9 S.F., 0.57 Acres

Average Cut Depth: 2.39 feet

Average Fill Depth: 6.23 feet

Cut to Fill ratio: 0.14

Import Volume: 3,906.3 C.Y.

Elevation Change To Reach Balance: -4.378

Volume Change Per .1 ft: 89.2 C.Y.

Cut Swell Factor : 1.000

Fill Shrink Factor: 1.150

Cut (C.Y.) / Area (acres): 1,126.1

Fill (C.Y.) / Area (acres): 8,189.1

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Compensation Area

Existing Surface: N:\DWGS\6211\6211 80 DTM\6211 80 Master Grading Plan 01-ex.tin

Final Surface: N:\DWGS\6211\6211 80 DTM\6211 80 Master Grading Plan 01-fn.tin

Cut Volume: 9,105.6 C.Y.

Fill volume: 0.0 C.Y.

Max Cut: 8.531 at 2150251.907,678094.127

Max Fill: 0.000 at 2150212.470,677958.131

Area in Cut : 66,822.0 S.F., 1.53 Acres

Area in Fill: 0.0 S.F., 0.00 Acres

Total inclusion horiz area: 66,822.0 S.F., 1.53 Acres

Total inclusion slope area: 67,371.9 S.F., 1.55 Acres

Average Cut Depth: 3.68 feet

Export Volume: 9,105.6 C.Y.

Elevation Change To Reach Balance: 3.679

Volume Change Per .1 ft: 247.5 C.Y.

Cut Swell Factor : 1.000

Fill Shrink Factor: 1.150

Cut (C.Y.) / Area (acres): 5,935.7

Fill (C.Y.) / Area (acres): 0.0