

Cut and Fill Analysis, Volumes by Triangulation (Prisms)

Tue Jan 17 15:44:11 2023

Existing Surface: M:\MEG\2018 Projects\218-102 DTC, LLC - Weymouth Street\DATA\SURFACES\pre cutfill.tin

Final Surface: M:\MEG\2018 Projects\218-102 DTC, LLC - Weymouth Street\DATA\SURFACES\post.tin

Cut volume: 81,836.4 C.F., 3,030.98 C.Y.

Fill volume: 129,661.7 C.F., 4,802.29 C.Y.

Area in Cut : 19,684.0 S.F., 0.45 Acres

Area in Fill: 41,805.9 S.F., 0.96 Acres

Total inclusion area: 61,553.6 S.F., 1.41 Acres

Total exclusion area: 13,825.5 S.F., 0.32 Acres

Average Cut Depth: 4.16 feet

Average Fill Depth: 3.10 feet

Cut to Fill ratio: 0.63

Import Volume: 1,771.3 C.Y.

Elevation Change To Reach Balance: -0.777

Volume Change Per .1 ft: 228.0 C.Y.

Cut (C.Y.) / Area (acres): 2144.95

Fill (C.Y.) / Area (acres): 3398.46

Max Cut: 18.371 at 815700.591,2884767.003

Max Fill: 7.229 at 815900.618,2884785.641