

PROJECT NAME: Maple Highlands Trail Phase 2

CALCULATED: 1/20/2020

<i>Site Features</i>	<i>Site Features (S.F.)</i>	<i>Average Depth</i>	<i>Cut Volume (C.F.)</i>	<i>Cut Volume (C.Y.)</i>
A Proposed standard duty asphalt	38497 S.F.	9.00 In.	19,248 C.F.	713 C.Y.
Proposed medium duty asphalt (drives and parking) (5" asph, 8" base)	35446 S.F.	13.00 In.	29,538 C.F.	1,094 C.Y.
Proposed heavy duty asphalt	0 S.F.	14.00 In.	0 C.F.	0 C.Y.
NA	0 S.F.	0.00 In.	0 C.F.	0 C.Y.
B Proposed standard duty concrete (sidewalks)	1651 S.F.	8.00 In.	688 C.F.	25 C.Y.
Proposed heavy duty concrete	321 S.F.	10.00 In.	187 C.F.	7 C.Y.
Proposed concrete adjacent to restroom (4" conc. 6" base)	91 S.F.	10.00 In.	76 C.F.	3 C.Y.
Pavers and Band	5498 S.F.	14.00 In.	5,040 C.F.	187 C.Y.
C Bioretention Area	3269 S.F.	45.00 In.	11,440 C.F.	424 C.Y.
D Proposed building pad	199 S.F.	6.00 In.	50 C.F.	2 C.Y.
E Topsoil stripped (Perimeter of prop. grading)	184704 S.F.	3.00 In.	46,176 C.F.	1,710 C.Y.
F Topsoil replacement (Perimeter of grading minus hard surfaces)	123089 S.F.	4.50 In.	46,158 C.F.	1,710 C.Y.
G Subsoil replacement	120289 S.F.	-1.50 In.	-15,036 C.F.	-557 C.Y.

CUT (CADD GENERATED SURFACE MODEL)	Pavement Cut	Building Cut
C.Y.	C.Y.	C.Y.
3200	2453	2

COMMON CUT
C.Y.
5654

FILL (CADD GENERATED SURFACE MODEL)	+ 10% Shrink	Subsoil Replacement
C.Y.	C.Y.	C.Y.
2919	292	-557

COMMON FILL
C.Y.
2654

FINAL SITE BALANCE

M Off-Site Material Required (Excluding Topsoil)	0 C.Y.
N Excess Onsite Material (Excluding Topsoil)	3000 C.Y.
O Off-Site Topsoil Required	0 C.Y.
P Excess Topsoil	1 C.Y.