

LEGEND

- PROPERTY BOUNDARY
- EXISTING INDEX CONTOUR
- PROPOSED INDEX CONTOUR
- EXISTING LANDSLIDE PRONE SLOPE OR RECENT OR ANCIENT LANDSLIDE AREA
- APPROXIMATE CONCEPTUAL GRADED USEABLE AREA
- PROPOSED CUT/FILL INTERFACE
- EXISTING MAPLE TREE FROM SURVEY
- EXISTING MAPLE TREE SAP COLLECTION LINE

APPROXIMATELY 461 MAPLE TREES TO BE REMOVED DURING GRADING OPERATIONS.

ESTIMATED EARTHWORK QUANTITIES

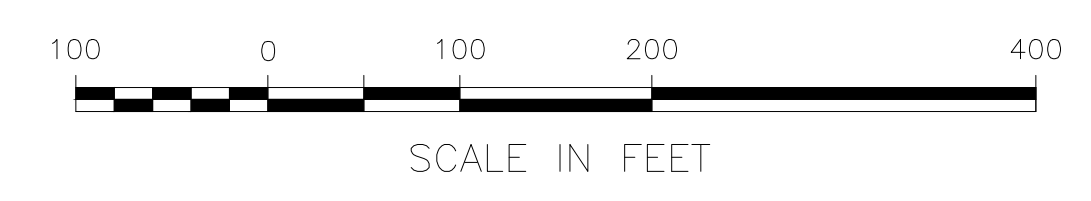
EARTHWORK QUANTITIES		
CUT (CY)	FILL (CY)	NET VOLUME (CY)
1,059,300	1,083,300	24,000 (FILL) *

* NOTE: BALANCED TO WITHIN +/- 2%

48' WIDE PRIMARY ACCESS ROAD
MAXIMUM GRADE 5% +/-

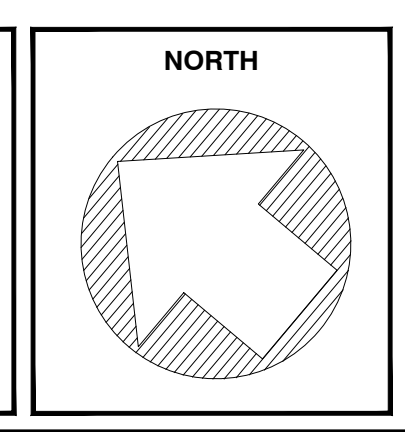
24' WIDE SECONDARY ACCESS ROAD
MAXIMUM GRADE 13% +/-

APPROX. USEABLE AREA: 47.6 AC.



REVISIONS			
NO.	BY	DATE	DESCRIPTION

DESIGNED	GBD
DRAWN	GBD
CHECKED	JOP
REVIEWED	SMS/CAR
S.O.	160025



LEET TOWNSHIP AND EDGEWORTH BORO
ALLEGHENY COUNTY, PENNSYLVANIA

Michael Baker International
MICHAEL BAKER INTERNATIONAL
CONSULTING ENGINEERS
MOON TOWNSHIP, PENNSYLVANIA

SITE FEASIBILITY STUDY
CONCEPTUAL GRADING PLAN - OPTION 2
RIDGE TOP GRADING BALANCED WITH EXCESS MATERIAL PLACED ON EXISTING SLOPES (HIGH RISK)
TULL'S PARCELS
ALLEGHENY COUNTY, PENNSYLVANIA

SCALE AS SHOWN DATE MAY 2017

SHEET NO.
1
OF
1

O:\SD Concept Grading Option 3.dwg