

**LEGEND**

- PROPERTY BOUNDARY
  - EXISTING INDEX CONTOUR
  - PROPOSED INDEX CONTOUR
  - EXISTING LANDSLIDE PRONE SLOPE OR RECENT OR ANCIENT LANDSLIDE AREA
  - APPROXIMATE CONCEPTUAL GRADED USEABLE AREA
  - EXISTING MAPLE TREE FROM SURVEY
  - EXISTING MAPLE TREE SAP COLLECTION LINE
- APPROXIMATELY 315 MAPLE TREES TO BE REMOVED DURING GRADING OPERATIONS.

**ESTIMATED EARTHWORK QUANTITIES**

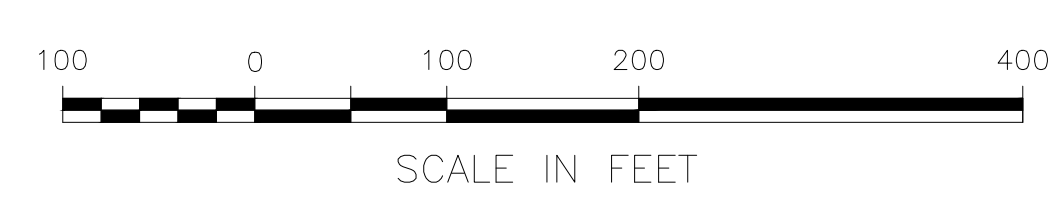
EARTHWORK QUANTITIES		
CUT (CY)	FILL (CY)	NET VOLUME (CY)
3,064,300	5,190	3,059,110 *

\* NOTE: MATERIAL TO BE DISPOSED OF OFF-SITE.

48' WIDE PRIMARY ACCESS ROAD  
MAXIMUM GRADE 13% +/-

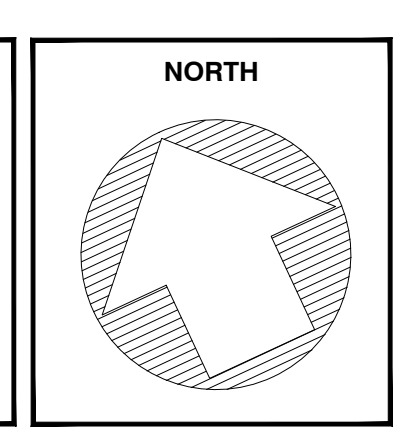
24' WIDE SECONDARY ACCESS ROAD  
MAXIMUM GRADE 13% +/-

APPROX. USEABLE AREA: 48.4 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 1B**  
RIDGE TOP GRADING WITH EXCESS CUT MATERIAL  
TO BE DISPOSED OF OFF-SITE (MODERATE RISK)  
TULL'S PARCELS  
ALLEGHENY COUNTY, PENNSYLVANIA

SCALE AS SHOWN      DATE MAY 2017

SHEET NO.  
**1**  
OF  
**1**

CVSD Concept Grading Option 2.dwg