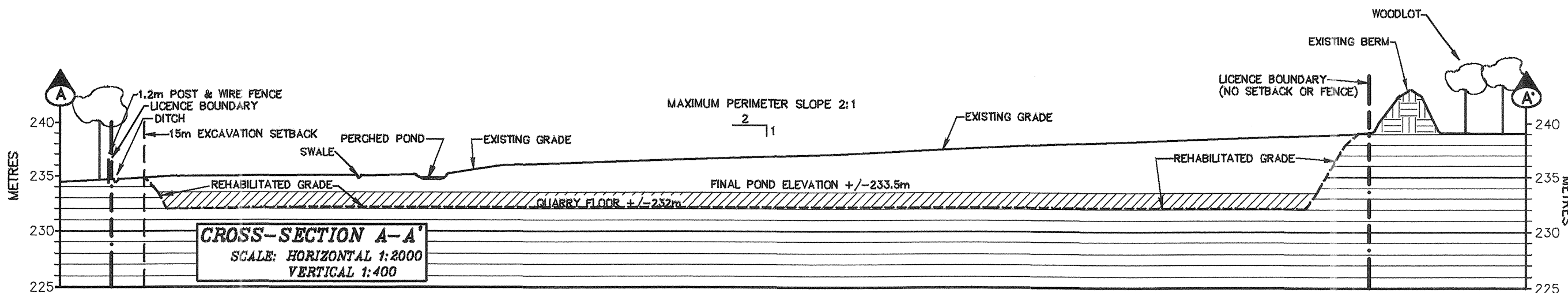


CROSS-SECTION B-B
SCALE: HORIZONTAL 1:2000
VERTICAL 1:400



CROSS-SECTION A-A
SCALE: HORIZONTAL 1:2000
VERTICAL 1:400

REHABILITATION NOTES

Phasing: As the limit of extraction is reached the perimeter areas shall be rehabilitated as outlined below.

1. The area to be rehabilitated is 14.3 hectares.
2. This site is to be rehabilitated to a pond area to match the adjacent quarry pond rehabilitation to the north.
3. Progressive Rehabilitation will follow the phasing order as noted on Page 3, i.e. - once extraction is completed in Phase 1 the west face will be backfilled and graded as extraction commences in Phase 2. Once extraction is completed in Phase 2 the west and south faces will be backfilled and graded as extraction commences in Phase 3. Once extraction is completed in Phase 3 the east face will be backfilled and graded as extraction commences in Phase 4. Once extraction is completed in Phase 4 the east and south faces will be backfilled and graded.

Extracted perimeter area side slopes shall be created by backfilling with onsite overburden & clean fill. Final perimeter slopes shall be constructed no steeper than 2(horizontal) to 1(vertical). Final slopes shall be spread with a minimum of 10 cm (4 inches) of topsoil with previously stored topsoil and may be seeded with a combination of native grass mixture such as Virginia Wild Rye, Indian Grass, Little Blue Stem and Switch Grass with some wildflower mix (milkweed, aster, tick-trefoil and Black-eyed Susan).

4. Rehabilitated areas shall drain towards the pond areas as shown. Agricultural uses may continue in perimeter areas above the future pond slopes.
5. The rehabilitated shoreline shall be stabilized to a minimum 2:1 slope. The final edge of the pond may provide habitat cover (rock piles, logs, stumps, boulders as applicable).
6. Perimeter slopes are to be regraded and replanted in the event of die out or washouts.
7. There shall be no buildings or roads on site upon completion of rehabilitation.
8. (A.) Clean inert fill may be imported to facilitate the establishment of 2(horizontal):1(vertical) slopes on the quarry face. The licensee shall ensure that the material is tested at the source before it is deposited onsite to ensure that the material meets the Ministry of Environment Conservation & Parks (MECP) criteria under "Table 1" of the MECP's "Soils, Groundwater and Sediment Standards for use under Part XV.1 of the Environmental Protection Act". Sampling results will be provided to MNRF upon request.
- 8 (B). Notwithstanding Condition A, where material is not being placed within 1.5m of the surface, the criteria under Table 1 for sodium absorption ratio and electrical conductivity do not have to be met.
- 8 (C). Importation of material that does not meet conditions A and B must be approved by MNRF prior to being imported. Before approval is granted, analysis of onsite soil must be completed by a Qualified Person. MECP must review and confirm that material with the same analytical results will not have an adverse impact on the environment.
9. Any vegetation that dies or is otherwise damaged shall be reseeded or replanted.
10. Additional random plantings of native species favourable for creation of wildlife habitat along with logs and woody debris will be distributed on all slopes leading to the proposed pond edge. Overburden and topsoil will be placed, where feasible, (at approximately a 10:1 slope) on the quarry floor near the woodlots at the Northwest and Southwest corners to create shallow areas conducive to the growth of aquatic vegetation and aquatic wildlife species.
11. The adjacent earth berms outside the east licensed boundary will be utilized for final rehabilitation purposes on the slopes of the existing quarry to the north and this site as required. These adjacent lands will be rehabilitated to an agricultural after-use.

LEGEND:

- DRAINAGE DIRECTION
- LIGENCE BOUNDARY
- ENTRANCE/EXIT
- 1.2m HIGH FENCE
- LOT LINE
- WATER FEATURES
- SPOT ELEVATION
- 1m CONTOUR
- DECIDUOUS TREE

HAROLD SUTHERLAND CONSTRUCTION LTD.

323545 EAST LINTON ROAD
R.R. #2, KEMBLE, ONTARIO, N0H1S0

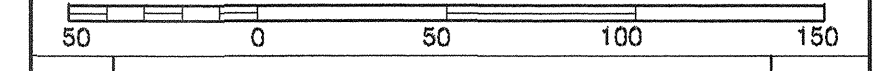
SARAWAK QUARRY EXTENSION

PART LOT 36, CONCESSION 2
TOWNSHIP OF GEORGIAN BLUFFS (formerly SARAWAK TOWNSHIP)
COUNTY OF GREY

PROGRESSIVE REHABILITATION AND FINAL REHABILITATION PLANS

DRAWING 4 of 4

SCALE 1:2000



No.	AMENDMENT	DATE