

## **REHABILITATION NOTES**

### **GENERAL INFORMATION**

1. REFER TO SHEET 3 OF 4 FOR SECTIONS, SHEET 2 OF 4 FOR OPERATIONS AND PHASING DIAGRAMS AND NOTES AND SHEET 4 OF 4 FOR FINAL REHABILITATION AND NOTES. 2. PROPERTY SHALL BE REHABILITATED TO:

AGRICULTURE 12.0 HA FOR A TOTAL OF 12.0 HECTARES.

#### HYDROGEOLOGICAL INFORMATION

3. IT IS ANTICIPATED THAT THE GROUNDWATER ELEVATION ACROSS THE SITE WILL REMAIN RELATIVELY UNCHANGED AT ± 275.5 - 279.5 A.S.L. (SEE EXP HYDROGEOLOGICAL ASSESSMENT.).

4. ALL SURFACE DRAINAGE WILL BE DIRECTED TO THE LOW AREAS REMAINING ON THE PIT FLOOR ON SITE SO THAT THE WATER CAN INFILTRATE INTO THE GRANULAR MATERIALS. THERE WILL BE NO SURFACE DISCHARGE OFF SITE.

#### SIDESLOPE/MEADOW REHABILITATION INFORMATION

GRADING INFORMATION

5. REHABILITATED SLOPES WITHIN THE LICENCED AREA WILL BE CONSTRUCTED AS SHOWN ON THE CROSS SECTIONS. REHABILITATION OF ABOVE WATER SLOPES SHALL BE BY BACKFILLING (MINIMUM 3:1) AND/OR CUT AND FILL METHOD USING AVAILABLE ON-SITE OVERBURDEN AND TOPSOIL.

#### AVAILABLE OVERBURDEN REPLACED WILL BE APPROXIMATELY 100mm THICK.

REFER TO DRAWING 3 OF 4, SECTIONS, FOR MORE INFORMATION ON BACKFILLING AND CREATION OF REHABILITATED SIDESLOPES.

#### **TOPSOILING INFORMATION** 6. ALL AVAILABLE TOPSOIL ON THE SITE WILL REMAIN TO BE USED FOR REHABILITATION

OF THIS SITE. VEGETATION STABILIZATION INFORMATION

7. TOPSOIL SHALL BE SEEDED WITH A MIXTURE OF GRASSES AND LEGUMES THAT MAY INCLUDE THE FOLLOWING AT A RATE OF APPROXIMATELY 125KG/HA:

RED CLOVER BUCKWHEAT TALL FESCUE ANNUAL RYE

## REHABILITATING TO AGRICULTURAL FIELDS INFORMATION

8. DEEP RIPPING OF FIELDS SHALL BE PERFORMED TO ELIMINATE COMPACTION (WHERE REQUIRED). 9. SPREADING OF AVAILABLE SUBSOIL/ OVERBURDEN AND ROUGH GRADING.

10. SPREADING OF AVAILABLE TOPSOIL AND FINE GRADING.

12. SEED AREAS WITH SEED MIXTURE NOTED ABOVE. ALL VEGETATION PLANTED DURING THIS LICENCE WILL BE MAINTAINED IN A HEALTHY, VIGOROUS GROWING CONDITION.

13. MATERIAL FROM OTHER PROPERTIES (EG. MANURE AND/ OR TOPSOIL) MAY BE IMPORTED INTO THE SITE FOR SOIL ENHANCEMENT USING STANDARD AGRICULTURAL PRACTICES.

## SETBACK REHABILITATION INFORMATION

14. AFTER SIDESLOPES ARE CREATED AND REQUIRED BERMS ARE REMOVED FROM SETBACKS THESE AREAS WILL BE IMMEDIATELY STABILIZED WITH A SUITABLE GROUNDCOVER AND THEN REFORESTED THE FOLLOWING SPRING. SETBACK AREAS PROPOSED FOR REFORESTATION AND DEVOID OF BERMS WILL BE PLANTED WITHIN TWO YEARS OF LICENCE ISSUANCE.

# **LEGEND**

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=  $\frac{285}{}$  = EXISTING 5m CONTOUR LINE

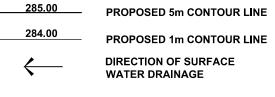
BOUNDARY OF AREA TO BE LICENCED 120m INFORMATION BOUNDARY

PROPERTY LINE

REGULATORY SETBACK LINE



● HP EXISTING HYDRO POLE



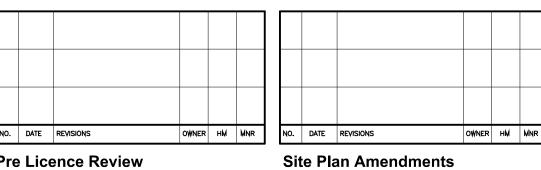
—— X —— EXISTING FENCE

EXISTING VEGETATION

**EXISTING 1m CONTOUR LINE EXISTING SPOT ELEVATION** 



LOCATION OF SECTION



Pre Licence Review



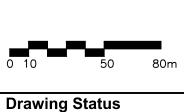
Project Name

# 5026367 Ontario Ltd. **ELLIOT PIT**

LICENSEE SIGNATURE LICENCE No.

PART LOT 16, CONCESSION 2 MUNICIPALITY OF THAMES CENTRE (FORMERLY TOWNSHIP OF WEST NISSOURI), COUNTY OF MIDDLESEX

Scale 1:2000



**SUBMITTED TO MNRF** 

FOR APPROVAL Drawn SB

Drawing Title

Checked MH

Issue Date JAN 2021

**Project Number** 

20-22

**Drawing Number** 

REHABILITATION **PLAN**