APPENDIX B

Drawing 65-117-230-201
Rankin Inlet Bypass Road Plan/Profile General Overview



NO. DESSIN DRAWING NO. 65-117-230-201_R3

0 50 100 200 250 300mm

WORK AREA GUARDRAIL CULVERT BYPASS ROAD PROPOSED ROAD PROFILE BRIDGE EXISTING GROUND **TETRA TECH** NOTE: 10x VERTICAL EXAGGERATION 131-Hamlet Bypass road NOTES GÉNÉRALES / GENERAL NOTES GENERAL NOTES: EXISTING GROUND DTM PROVIDED BY AEM. ALL UNITS ARE IN METERS. ELEVATIONS IN DRAWING PROVIDE FINISHED GRADE ELEVATIONS AT THE TOP OF THE SURFACE GRAVEL LAYER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY, SECURITY AND SLOPES OF ALL EXCAVATIONS/ BACKFILL AND SHALL ABIDE BY ALL RELEVANT STANDARDS AND REGULATIONS. THE STABILITY, DEWATERING AND MAINTENANCE OF ALL EXCAVATIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. GRANULAR MATERIAL 0-30 mm OR 0-50 mm SHALL BI PLACED IN LIFTS NOT EXCEEDING 300 mm AND COMPACTED TO A MINIMUM OF 98% OF MAXIMUM DRY DENSITY (STANDARD PROCTOR). BORROW PIT MATERIAL, GRANULAR FILL MATERIAL 0-600 mm OR OVERBURDEN MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 600 mm AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY RANKIN INLET LAYDOWN SITE DENSITY (STANDARD PROCTOR) . MOISTURE CONDITIONING 500m OFFSET OF NATIONAL DEFENSE MAY BE REQUIRED PRIOR TO COMPACTION. **BUILDING FOOTPRINTS** OVERBURDEN MATERIAL CAN BE USED FOR FILL IN RANKIN INLET SPECIFIED AREAS ONLY WHEN APPROVED BY FIELD CULVERT C14 FUEL FARM SITE GEOTECHNICAL ENGINEER. AN AS-BUILT DRAWING SHALL BE PROVIDED AFTER CONSTRUCTION. NIPISSAK LAKE NATIONAL DEFENSE THE LOCATION, ELEVATION AND LENGTH OF CULVERT AIRPORT BOUNDARY BOUNDARY GROUP SHALL BE CONFIRMED ON SITE. CULVERT C13 THE BRIDGE AND ABUTMENTS, WITH THE EXCEPTION OF SAFETY BERM SAFETY BERM BACKFILL, SHALL BE PROVIDED BY OTHERS. L=590m L=13m CONTRACTOR SHALL INSTALL THE BRIDGE AND ABUTMENTS RANKIN SHOOTING RANGE AS PER THE RECOMMENDATIONS AND SPECIFICATIONS OF TO RELOCATE SAFETY BERM L=157m SAFETY BERM RANKIN SHOOTING RANGE NO EQUIPMENT CAN BE STORED AND NO DEPOSITION C TRANSITIONAL SURFACE **NEW LOCATION (FINAL** EXCAVATED AND STOCKPILED MATERIALS CAN BE DONE LOCATION TO CONFIRM WITHIN THE LICENCE "A" - LIMIT OF WORK (31M) LINE. POSSIBLE ON SITE) FOR SUMMER CONSTRUCTION, GEOTEXTILE SHALL BE **SNOWMOBILE TRAIL** INSTALLED BETWEEN THE ORIGINAL GROUND AND THE SAFETY BERM APPROXIMATE LOCATION SAFETY BERM GRANULAR MATERIAL WHEREVER THE ORIGINAL GROUND L=44m IS UNSTABLE TO SUPPORT FILL MATERIAL COMPACTION. PULLOUT P11 PULLOUT P02 L'INFORMATION CI-CONTENUE EST LA PROPRIÉTÉ DE AGNICO EAGLE LTÉE ET DOIT ÊTRE RETOURNÉE SUR DEMANDE. SANS AUTORISATION ÉCRITE PRÉALABLE, TOUTE TRANSMISSION DE COPIE(S) À AUTRUI ET TOUTE UTILISATION AUTRE QUE CELLE POUR LAQUELLE L'INFORMATION EST PRÈTÉE SONT INTERDITES. (C) AGNICO EAGLE LIÉE PULLOUT P01 THE INFORMATION HERE ON IS THE PROPERTY OF AGNICO EAGLE LTD. AND MUST BE RETURNED UPON REQUEST. WITHOUT WRITTEN PERMISSION, CULVERT C12c CULVERT C01 L=208m DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS PULLOUT P10 PULLOUT P03 PULLOUT P09 CULVERT C11c CULVERT C02 PULLOUT P04 CULVERT C04 CULVERT C03 PULLOUT P08 CULVERT C05 PULLOUT P(5 CULVERT C07A LICENSE "A" -LIMIT OF WORK (31m FROM HHWLT) CULVERT C07B CULVERT C12b CULVERT C11b PULLOUT P07 HIGHER HIGH WATER LARGE TIDE (HHWLT) TAKEOFF / APPROACH SURFACE CULVERT C08 CULVERT C12a **AGNICO EAGLE** PLANE CRASH SITE PULLOUT P06 CULVERT C06 CULVERT C06 3 | 2017-07-20 | ISSUED FOR C-230-005, ECN#004 | S.M. | J.A. CULVERT C09 MELVIN BAY NEW BYPASS ROAD 2017-03-14 ISSUED FOR PERMIT L=±6321m BRIDGE C10 2017-02-24 ISSUED FOR TENDER CULVERT C11a DESCRIPTION **REVISIONS** CROSS SITE AGNICO EAGLE - MELIADINE DIVISION QUANTITY CONSTRUCTION CHART* **QUANTITY CONSTRUCTION CHART*** 117 - ROADS, FENCES, AND YARDS 230 - GENERAL EARTH WORKS *THEORETICAL MEASURE IN PLACE QUANTITIES *THEORETICAL MEASURE IN PLACE QUANTITIES RANKIN INLET BYPASS ROAD BYPASS ROAD (0+000 TO 3+130) SAFETY BERM CULVERTS (C01 TO C09) **OVERALL** SAFETY BERM SHOULDER PLAN / PROFILE CULVERTS (C11a,C11b,C11c, C12a, L=1077m AREA (FOOTPRINT) = 61925 m^2 BYPASS ROAD (3+130 TO 5+863) BYPASS ROAD (5+863 TO 6+321) CULVERTS (C13, C14) **ABUTMENTS OVERALL** AGGREGATE MATERIAL GENERAL OVERVIEW C12b, C12c) REQUIRED (m³) REQUIRED (m³) REQUIRED (m³) REQUIRED (m³) REQUIRED (m3) DATE 2017-03-1 AGGREGATE MATERIAL AREA (FOOTPRINT) = 41382 m^2 AREA (FOOTPRINT) = 6267 m^2 PATRICK HAMEL CL.A. OR GRANULAR 81 637 81 637 AVE. THICK. MATERIAL (0-600 mm) VERIFIÉ PAR CHECKED BY REQUIRED (m³) REQUIRED (m³) REQUIRED (m³) REQUIRED (m³) REQUIRED (m³) REQUIRED (m³) JOSÉE ALARIE 2017-03-17 (mm) CL.A. OR GRANULAR 3 066 MATERIAL (0-600 mm) OR 18 809 21 875 CL.A. OR GRANULAR JOSÉE ALARIE 2017-03-17 1 450 **OVERBURDEN MATERIAL** 44 012 1 410 6 5 4 0 50 552 MATERIAL (0-600 mm) GRANULAR MATERIAL 3 480 2 173 5 653 GRANULAR MATERIAL 2016-11-07 (0-50 mm) 400 $(0-30 \, \text{mm})$ RIP RAP 385 385 GRANULAR MATERIAL (50-300 mm) 150 2 965 150 480 1 125 336 4 426 65-117-230-201 $(0-50 \, \text{mm})$ RIP RAP FOR TOE OF RIP RAP 760 **EMBANKMENT** 760 223 297 REVISION | FEUILLE / SHT (50-300 mm) (600 - 1000 mm) 6515 / 28920 TOTAL 85 877 2 558 110 310 **TOTAL** 46 977 7 0 2 0 1348 410 55 675

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