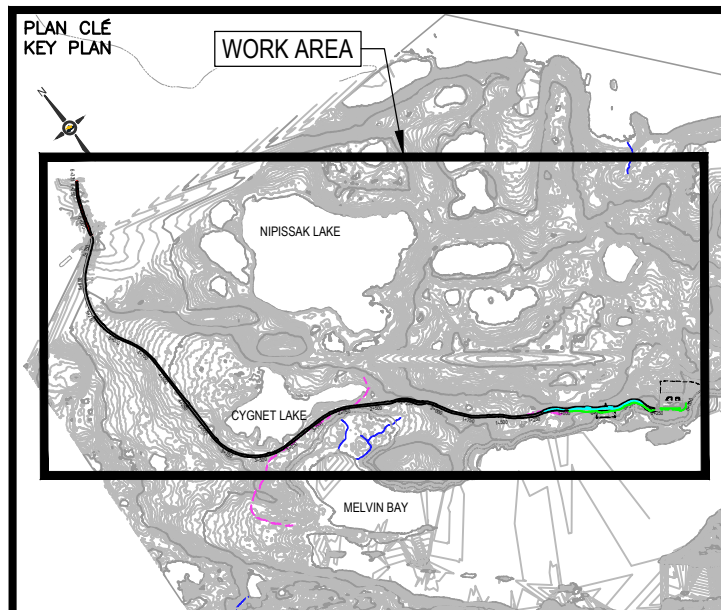


APPENDIX B

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



- GENERAL NOTES:**
1. EXISTING GROUND DTM PROVIDED BY AEM.
 2. ALL UNITS ARE IN METERS.
 3. 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 EXCAVATION BACKFILL, AND SHALL ABIDE BY ALL RELEVANT STANDARDS AND REGULATIONS. THE STABILITY, DEWATERING AND MAINTENANCE OF ALL EXCAVATIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
 5. GRANULAR MATERIAL 0.30 mm OR 0.50 mm SHALL BE PLACED IN LIFTS NOT EXCEEDING 300 mm AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY (STANDARD PROCTOR). BORROW PIT MATERIAL, GRANULAR FILL MATERIAL <600 mm OR OVERBURDEN MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 600 mm AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY (STANDARD PROCTOR). MOISTURE CONDITIONING MAY BE REQUIRED PRIOR TO COMPACTION.
 6. OVERBURDEN MATERIAL SHALL BE USED FOR FILL IN SPECIFIED AREAS ONLY WHEN APPROVED BY FIELD GEOTECHNICAL ENGINEER.
 7. AN AS-BUILT DRAWING SHALL BE PROVIDED AFTER CONSTRUCTION.
 8. THE LOCATION, ELEVATION AND LENGTH OF CULVERT GROUP SHALL BE CONFIRMED ON SITE. **HOLD**
 9. THE BRIDGE AND ABUTMENTS, WITH THE EXCEPTION OF BACKFILL, SHALL BE PROVIDED BY OTHERS.
 10. CONTRACTOR SHALL INSTALL THE BRIDGE AND ABUTMENTS AS PER THE RECOMMENDATIONS AND SPECIFICATIONS OF THE SUPPLIER.
 11. NO EQUIPMENT CAN BE STORED AND NO DEPOSITION OF EXCAVATED AND STOCKPILED MATERIALS CAN BE DONE WITHIN THE LICENCE 'A' - LIMIT OF WORK (31M) LINE.
 12. FILLER CONCRETE SHALL BE INSTALLED BETWEEN THE ORIGINAL GROUND AND THE GRANULAR MATERIAL WHEREVER THE ORIGINAL GROUND IS UNSTABLE TO SUPPORT FILL MATERIAL COMPACTION.

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DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

[illegible]

3	2017-07-20	ISSUED FOR C-230-005, ECN#004	S.M.	J.A.	
2	2017-07-06	ISSUED FOR C-230-005, ECN#005	S.M.	J.A.	
1	2017-04-27	ISSUED FOR CONSTRUCTION	C.M.	J.A.	
0	2017-03-17	ISSUED FOR CONSTRUCTION	C.M.	J.A.	
B	2017-03-14	ISSUED FOR PERMIT	C.M.	J.A.	
B	2017-02-24	ISSUED FOR TENDER	M.Y.	J.A.	
REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT

REVISIONS

TITLE / TITLE

AGNICO EAGLE - MELIADINE DIVISION
117 - ROADS, FENCES, AND YARDS
230 - GENERAL EARTH WORKS
RANKIN INLET BYPASS ROAD
PLAN / PROFILE
GENERAL OVERVIEW

DESSINÉ PAR DRAWN BY	PATRICK HAMEL	DATE 2017-03-17
VÉRIFIÉ PAR CHECKED BY	JOSÉE ALARIE	2017-03-17
APPROUVÉ PAR APPROVED BY	JOSÉE ALARIE	2017-03-17

ÉCHELLE SCALE	1:10000	DATE	2016-11-07
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NO. DESSIN DRAWING NO.		
65-117-230-201		
NO. PROJET PROJECT NO.	REVISION	FEUILLE / SHT
	6515 / 28920	3 / 1



C-230-005
MTKSL

QUANTITY CONSTRUCTION CHART*								
*THEORETICAL MEASURE IN PLACE QUANTITIES								
AGGREGATE MATERIAL	BYPASS ROAD (3+130 TO 5+863)		BYPASS ROAD (5+863 TO 6+321)		CULVERTS (C11a, C11b, C11c, C12a, C12b, C12c)	CULVERTS (C13, C14)	BRIDGE ABUTMENTS (HOLD)	OVERALL
	AREA (FOOTPRINT) = 41 382 m ²		AREA (FOOTPRINT) = 6 267 m ²					
	AVE. THICK. (mm)	REQUIRED (m ³)	AVE. THICK. (mm)	REQUIRED (m ³)	REQUIRED (m ³)	REQUIRED (m ³)	REQUIRED (m ³)	REQUIRED (m ³)
CL. A. OR GRANULAR MATERIAL (0-600 mm)	1 450	44 012	1 410	6 540	-	-	-	50 552
GRANULAR MATERIAL (0-30 mm)	-	-	-	-	-	-	400	400
GRANULAR MATERIAL (0-50 mm)	150	2 965	150	480	1 125	336	-	4 426
RIP RAP (50-300 mm)	-	-	-	-	223	74	-	297
TOTAL		46 977		7 020	1 348	410	400	55 675

QUANTITY CONSTRUCTION CHART*						
*THEORETICAL MEASURE IN PLACE QUANTITIES						
AGGREGATE MATERIAL	BYPASS ROAD (0+000 TO 3+130)		SAFETY BERM SHOULDER	SAFETY BERM	CULVERTS (C01 TO C09)	OVERALL
	AREA (FOOTPRINT) = 61 925 m ²			L=1077m		
	AVE. THICK. (mm)	REQUIRED (m ³)	REQUIRED (m ³)	REQUIRED (m ³)	REQUIRED (m ³)	REQUIRED (m ³)
CL.A. OR GRANULAR MATERIAL (0-600 mm)	1 801	81 637			-	81 637
CL.A. OR GRANULAR MATERIAL (0-600 mm) OR OVERBURDEN MATERIAL	-	-	18 809	3 066	-	21 875
GRANULAR MATERIAL (0-50 mm)	150	3 480			2 173	5 653
RIP RAP (50-300 mm)	-	-			385	385
RIP RAP FOR TOE OF EMBANKMENT (600 - 1000 mm)	-	760			-	760
TOTAL		85 877			2 558	110 310