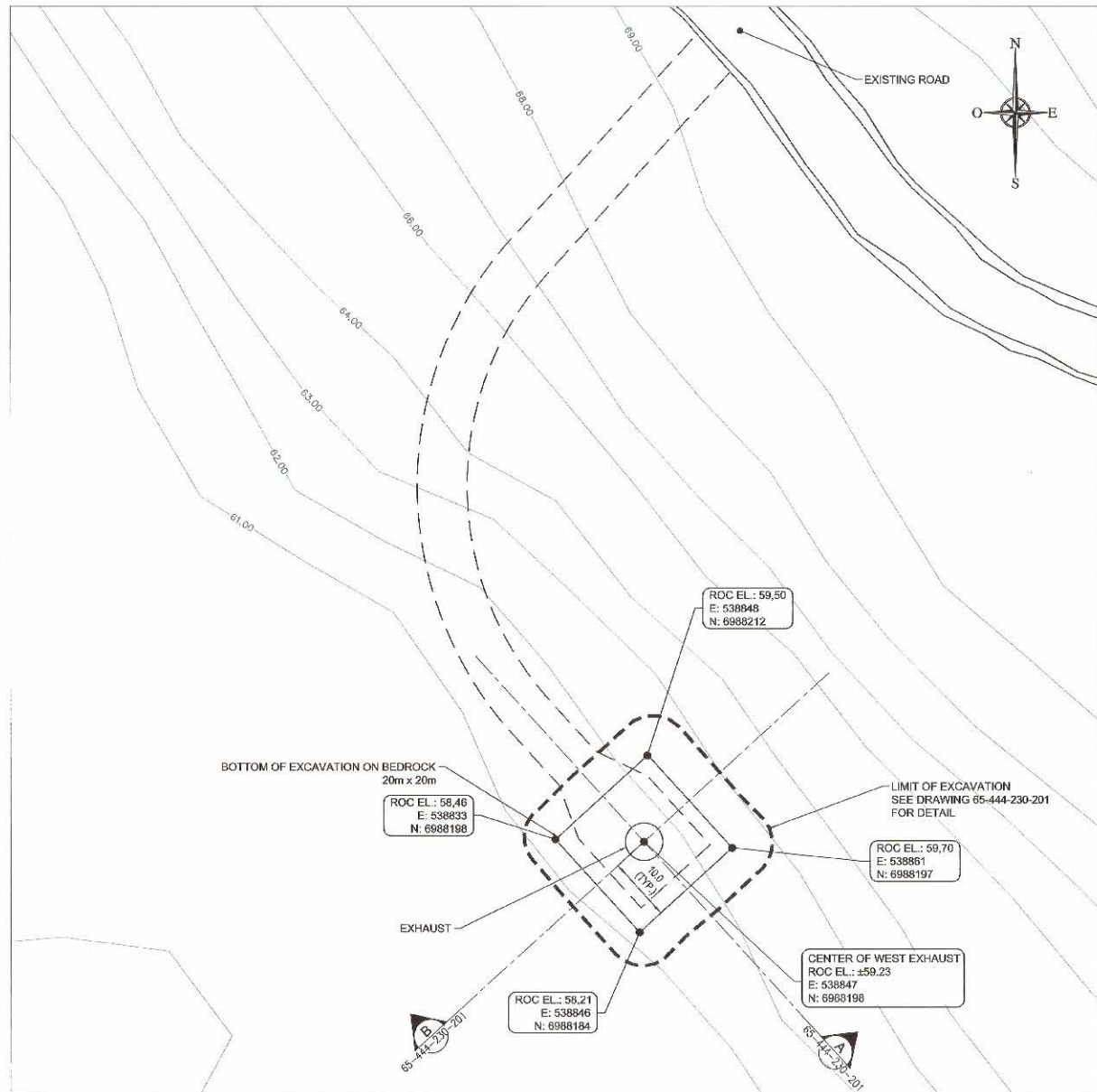


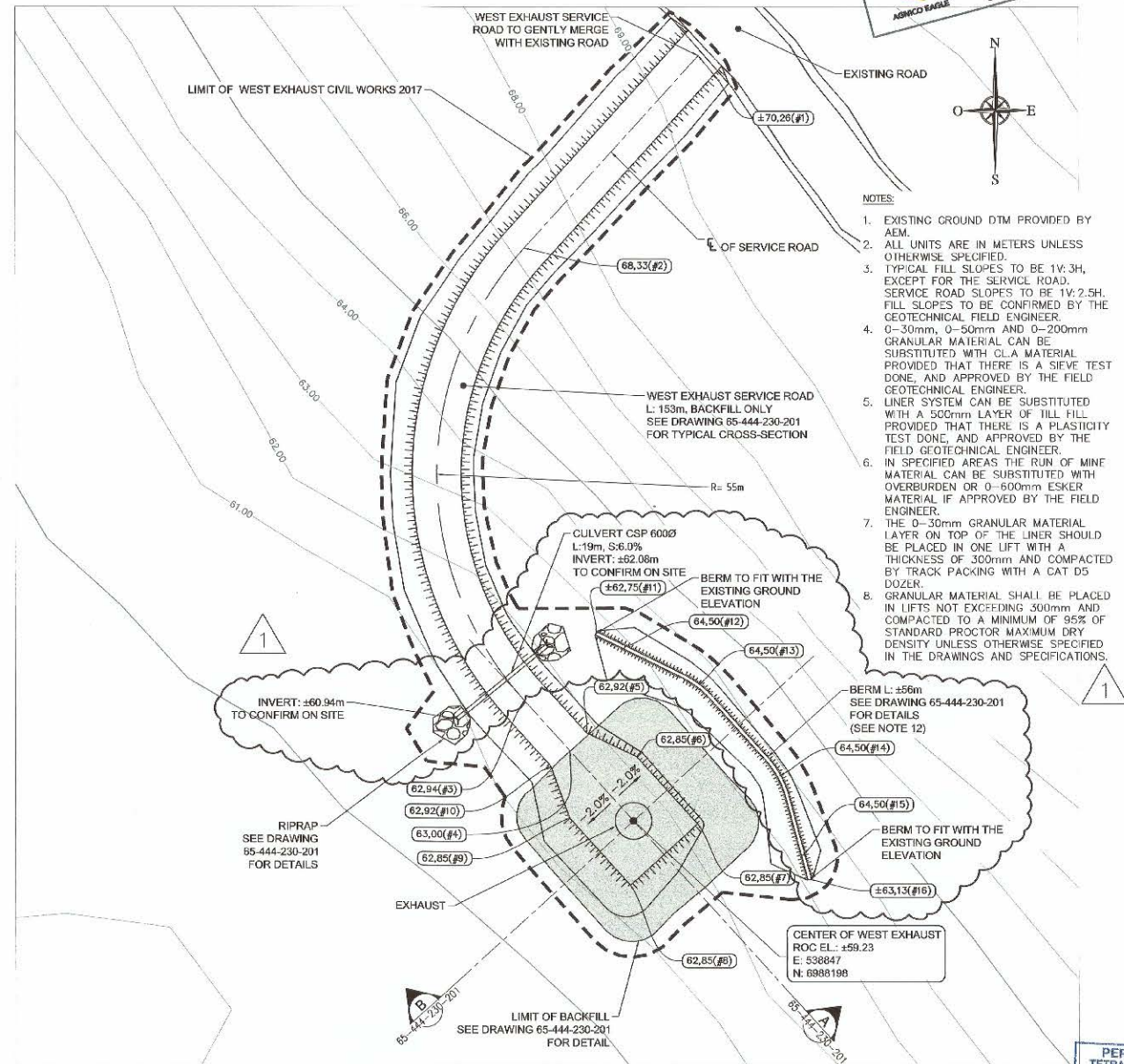


EXCAVATION - PLAN VIEW
SCALE: 1:500

SERVICE ROAD FINISHED GRADE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
1	70.26	6988323.22	538857.78	FG ROAD
2	68.33	6988291.72	538829.11	FG ROAD
3	62.94	6988217.69	538829.09	FG ROAD
4	63.00	6988209.43	538836.61	FG ROAD

BERM FINISHED GRADE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
11	62.75	6988228.66	538840.89	FG BERM
12	64.50	6988226.36	538845.80	FG BERM
13	64.50	6988220.19	538857.60	FG BERM
14	64.50	6988205.30	538870.93	FG BERM
15	64.50	6988192.40	538874.87	FG BERM
16	63.13	6988188.43	538875.95	FG BERM

SERVICE PAD FINISHED GRADE POINT TABLE				
Point #	Elevation	Northing	Easting	Description
5	62.92	6988212.41	538839.30	FG SERVICE PAD
6	62.85	6988208.50	538847.52	FG SERVICE PAD
7	62.85	6988197.50	538857.52	FG SERVICE PAD
8	62.85	6988187.48	538846.50	FG SERVICE PAD
9	62.85	6988198.48	538836.50	FG SERVICE PAD
10	62.92	6988207.03	538833.39	FG SERVICE PAD

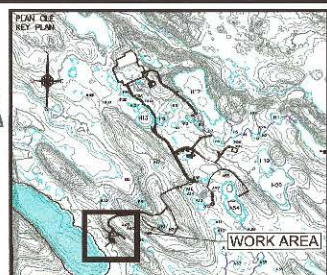


BACKFILL - PLAN VIEW
SCALE: 1:500

Quantity Construction Chart*									
Construction - West Exhaust									
*Theoretical measures (in place)									
Backfill material	Service Pad			Road			Berm		
	Thickness (m)	Area (m²)	Required (m³)	Thickness (m)	Area (m²)	Required (m³)	Thickness (m)	Area (m²)	Required (m³)
30mm MINUS	0.5	-	482	-	-	-	-	-	-
50mm MINUS	-	-	-	0.2	-	253	-	-	-
75mm MINUS	2	-	126	-	-	-	-	-	-
200mm MINUS	1.2	-	1156	0.4	-	598	0.2	-	73
ROM or Overburden	varies	-	532	-	-	-	0.8	-	131
ROM or CLA	-	-	-	-	-	-	-	-	-
600mm MINUS	-	-	-	varies	-	1126	-	-	-
RIP RAP	-	-	-	-	-	20	-	-	-
Liner	-	963	-	-	-	-	-	-	-
TOTAL			2296m³			1997m³			204m³

Quantity Construction Chart*		
Construction - West Exhaust		
*Theoretical measures (in situ)		
Excavation material	Max. Depth (m)	Required (m³)
Overburden	3.05	1843
Rock	-	-
TOTAL		1843m³

**POUR CONSTRUCTION
FOR CONSTRUCTION**
DATE: 2017-05-31



NOTES GÉNÉRALES / GENERAL NOTES

NOTES (CONTINUED):

- EXISTING GROUND DTM PROVIDED BY AEM.
- ALL UNITS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- TYPICAL FILL SLOPES TO BE 1V:3H, EXCEPT FOR THE SERVICE ROAD. SERVICE ROAD SLOPES TO BE 1V:2.5H. FILL SLOPES TO BE CONFIRMED BY THE GEOTECHNICAL FIELD ENGINEER.
- 0-30mm, 0-50mm AND 0-200mm GRANULAR MATERIAL CAN BE SUBSTITUTED WITH CLA MATERIAL PROVIDED THAT THERE IS A SIEVE TEST DONE, AND APPROVED BY THE FIELD GEOTECHNICAL ENGINEER.
- IN SPECIFIED AREAS THE RUN OF MINE MATERIAL CAN BE SUBSTITUTED WITH OVERBURDEN OR 0-600mm ESKER MATERIAL IF APPROVED BY THE FIELD ENGINEER.
- THE 0-30mm GRANULAR MATERIAL LAYER ON TOP OF THE LINER SHOULD BE PLACED IN ONE LIFT WITH A THICKNESS OF 300mm AND COMPACTED BY TRACK PACKING WITH A CAT D5 DOZER.
- GRANULAR MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 300mm AND COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS AND SPECIFICATIONS.
- BORROW PIT MATERIAL, ESKER MATERIAL, 0-600mm GRANULAR FILL MATERIAL OR OVERBURDEN MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 600mm AND COMPACTED TO A MINIMUM OF 90% OF STANDARD PROCTOR MAXIMUM DRY DENSITY UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS AND SPECIFICATIONS. MOISTURE CONDITIONING MAY BE REQUIRED PRIOR TO COMPACTION.
- THE ROCK ELEVATIONS SHOWN ARE BASED ON THE BOREHOLES #1701, 1702, AND 1703 PROVIDED BY HAMEL ARMPENTAGE ON MARCH 29TH, 2017. OUTSIDE THE BOREHOLES' AREA THE ROCK ELEVATIONS WERE EXTRAPOLATED AND MAY NOT BE ACCURATE. THE CONTRACTOR MUST INFORM THE SITE ENGINEER IF CONSIDERABLE DIFFERENCES ARE OBSERVED.
- 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 OR BACKFILL SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- AN AS-BUILT DRAWING SHALL BE PROVIDED AFTER CONSTRUCTION.
- THE BERM MUST BE FIELD-FITTED SUCH THAT THE RUNOFF DISCHARGES INTO THE CULVERT.

1. DRAWING IS BASED ON THE EXISTING GROUND DTM PROVIDED BY AEM. 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 OR BACKFILL SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS		
TITLE / TITRE	#	DWG



REV.	DATE	DESCRIPTION	PAR/REV	APP.	CLIENT
1	2017-05-31	ISSUED FOR CONSTRUCTION	C.M.	J.A.	
2	2017-04-24	ISSUED FOR CONSTRUCTION	C.M.	J.A.	
3	2017-02-28	ISSUED FOR TENDER	D.R.	J.A.	

PERMIT TO PRACTICE
TETRA TECH INDUSTRIES, INC.
Signature: *[Signature]*
Date: 2017-05-31
PERMIT NUMBER: P 1029
NTNU Association of Professional Engineers and Geoscientists

TITLE / TITRE
AGNICO EAGLE - MELADINE DIVISION
000 - SITE PREP
444 - VENTILATION AND EMERGENCY EGRESS
WEST EXHAUST
EXCAVATION AND BACKFILL
PLAN VIEW

DESIGNER	DATE
DANIEL ROSALES	2017-02-24
CHECKED BY	DATE
RENÉ PANAZAN	2017-02-28
APPROVED BY	DATE
JOSEÉ ALARIE	2017-02-28

NO. DESSIN	PROJET	REVISION	FEUILLE / SHEET
65-444-230-200	6515/28920	1	1 / 1