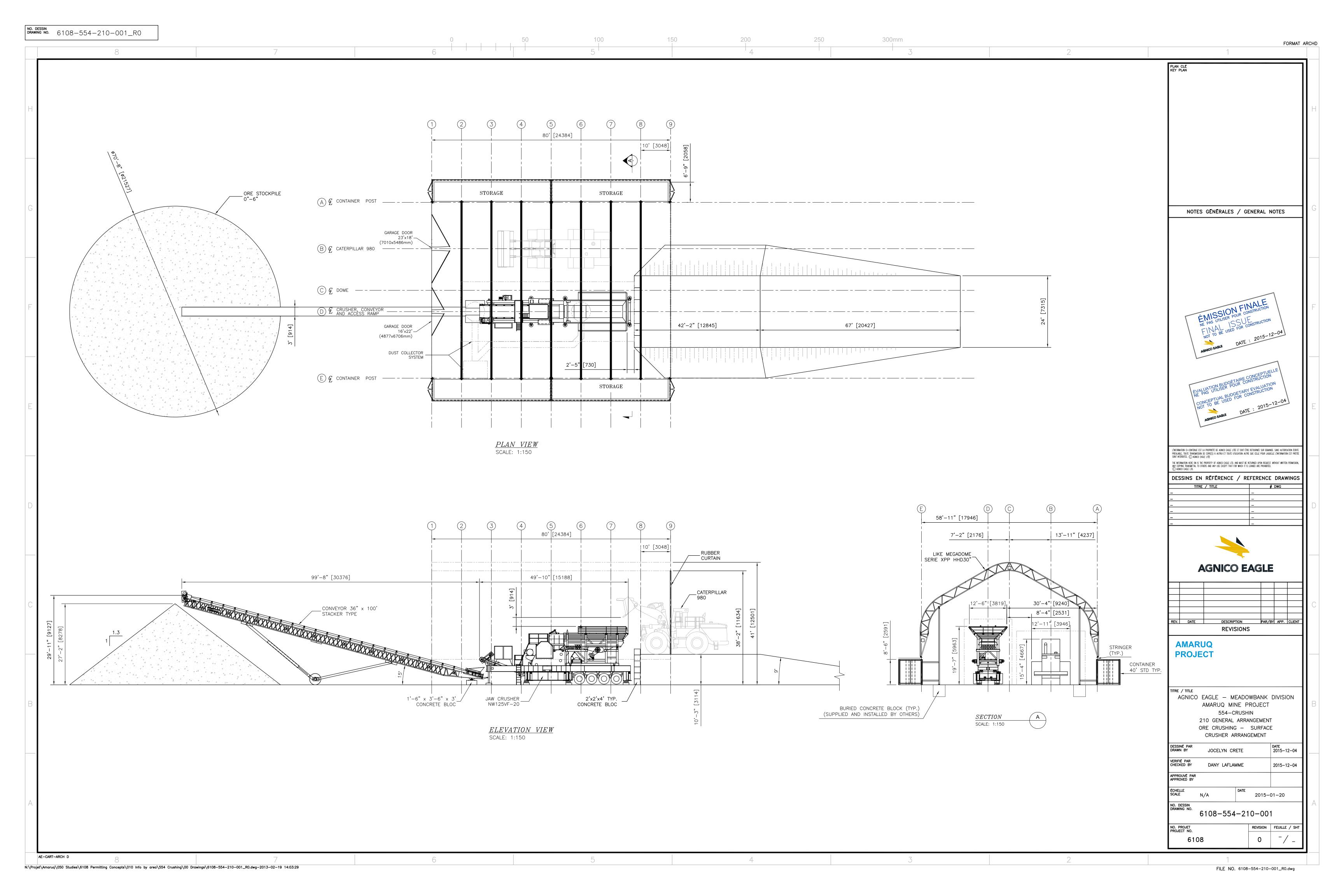


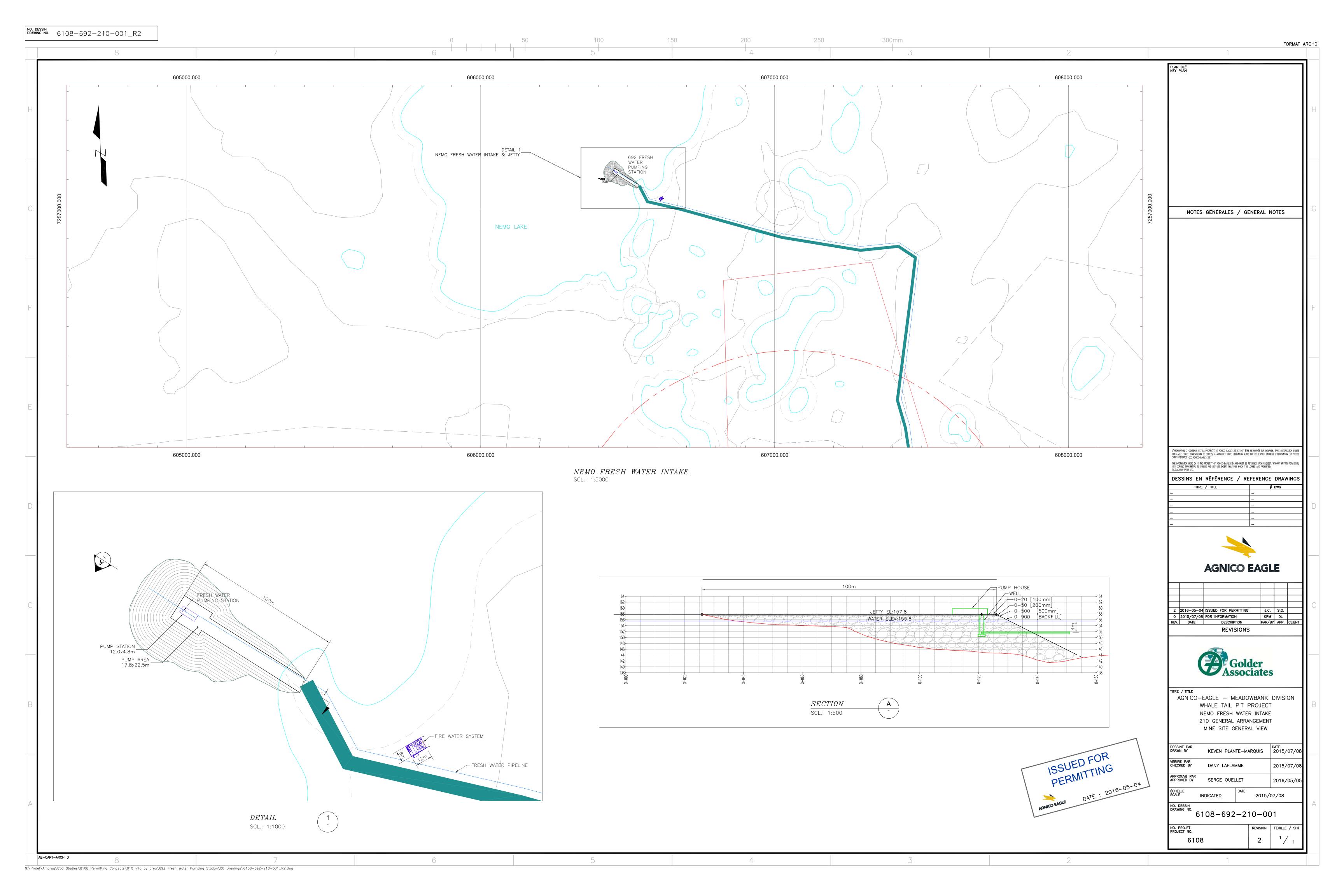
## **APPENDIX 1-C**

### **Design Drawings / Conceptual Layouts**

Description
General Arrangement: Ore Crushing – Surface Crusher Arrangement
Typical cross-section of the Whale Tail Waste Rock Storage Facility
Typical cross-section and Plan View of Freshwater Intake
Typical cross-section road widening
Typical cross-section of culvert installation details
Quarry site location plan
Cross-section Whale Tail Dike
Cross-section Whale Tail Diversion Channel
Typical cross-section and layout Whale Tail Landfill
Typical cross-section layout Whale Tail Fuel System
Conceptual Layout Water Treatment Plant
Actiflo Water Treatment Plant Schematic
Typical cross-section and layout Ore Stockpile





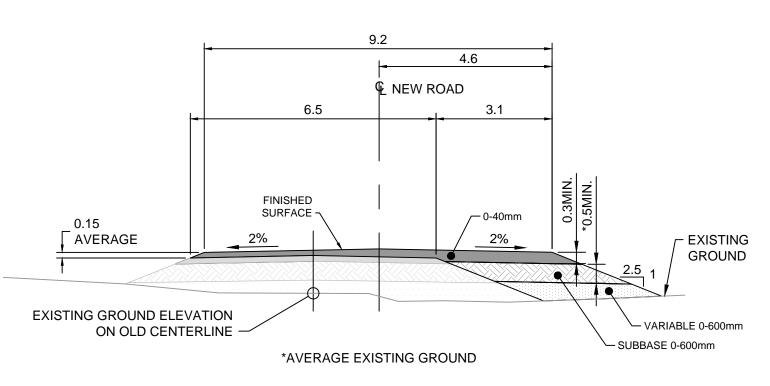


PLAN CLÉ KEY PLAN

#### NOTES:

300mm

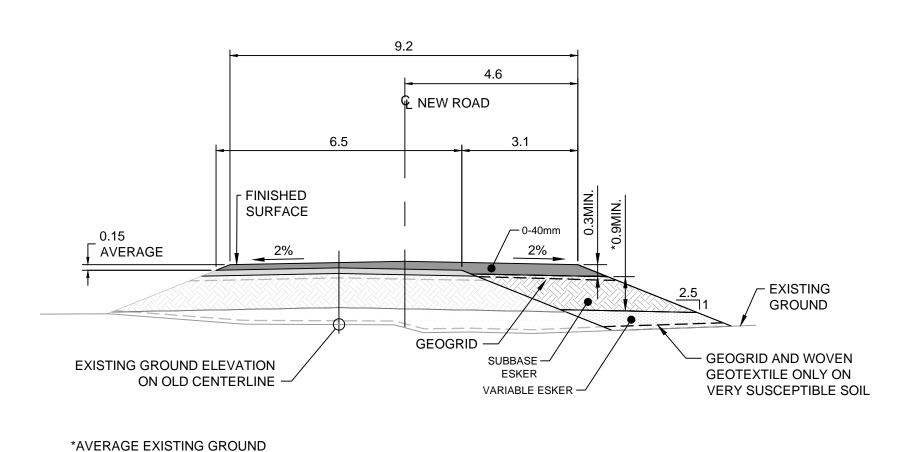
- 1. SOILS VERY SUSCEPTIBLE TO FREEZE AND THAW INDUCED SETTLEMENT WHERE THAWING OF THE NEAR-SURFACE SUB-GRADE IS EXPECTED TO RESULT IN SIGNIFICANT STRENGTH LOSS AND EXCESSIVE SETTLEMENTS.
- SOILS RELATIVELY SUSCEPTIBLE TO FREEZE AND THAW INDUCED SETTLEMENT WHERE THAWING OF THE NEAR-SURFACE SUB-GRADE IS EXPECTED TO RESULT IN SIGNIFICANT STRENGTH LOSS AND EXCESSIVE SETTLEMENTS.
- 3. SOILS RELATIVELY UNSUSCEPTABLE TO FREEZE AND THAW SETTLEMENT WHERE THAWING OF THE NEAR-SURFACE SUB-GRADE IS EXPECTED TO RESULT IN MINIMAL STRENGTH LOSS AND TOLERABLE SETTLEMENTS.
- 4. ALL DIMENSIONS IN METERS, UNLESS NOTED OTHERWISE.



TYPICAL SECTION TYPE 1

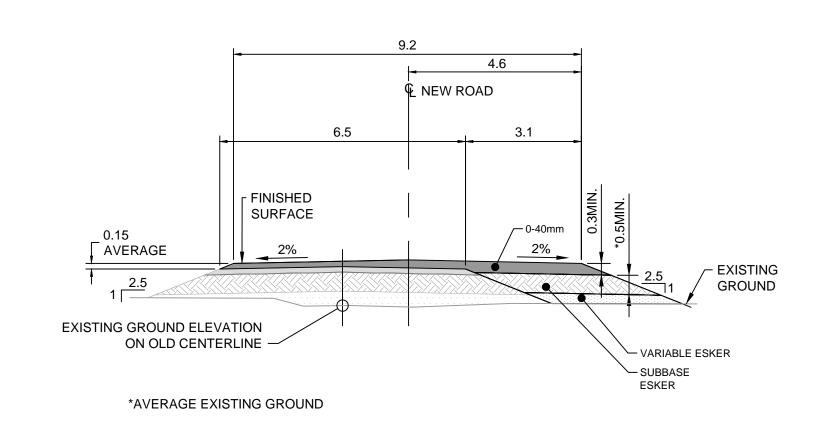
ROC SOIL
(SEE NOTE 3)

HOR. 1:100
VERT. 1:100



TYPICAL SECTION TYPE 2
TUNDRA SOIL
(SEE NOTE 2)

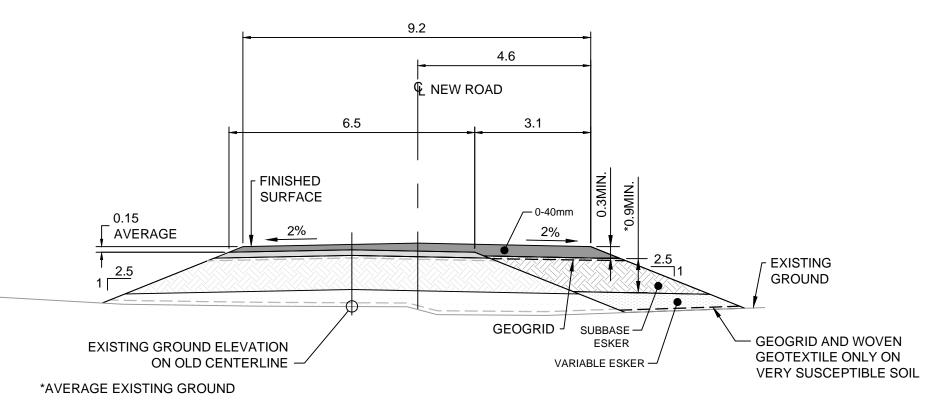
HOR. 1:100
VERT. 1:100



TYPICAL SECTION TYPE 3

ROC SOIL
(SEE NOTE 3)

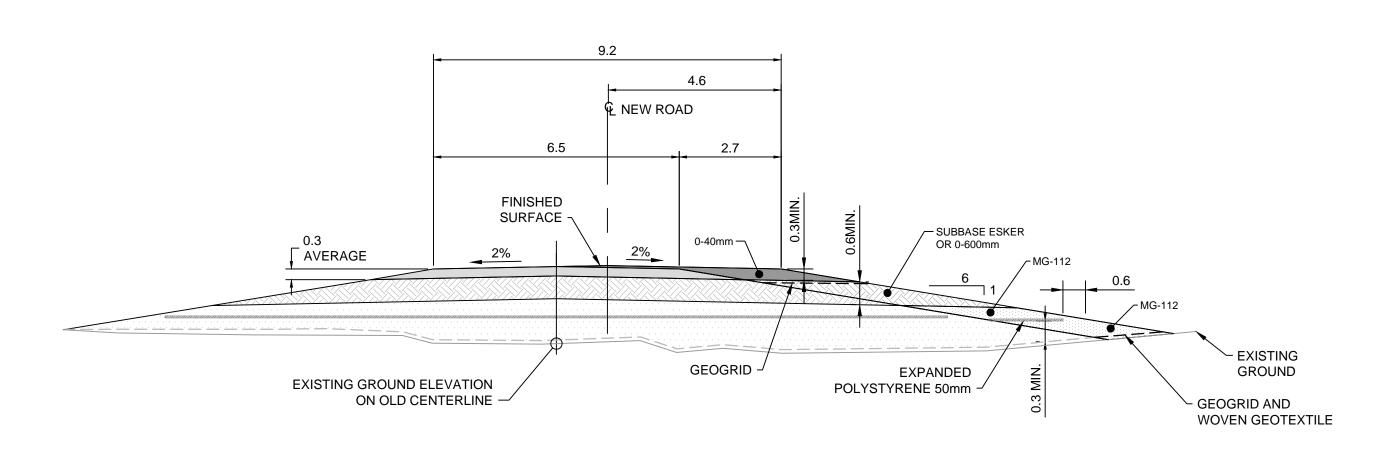
HOR. 1:100
VERT. 1:100



TYPICAL SECTION TYPE 4
THAW SUSCEPTIBLE SOIL
(SEE NOTE 2)

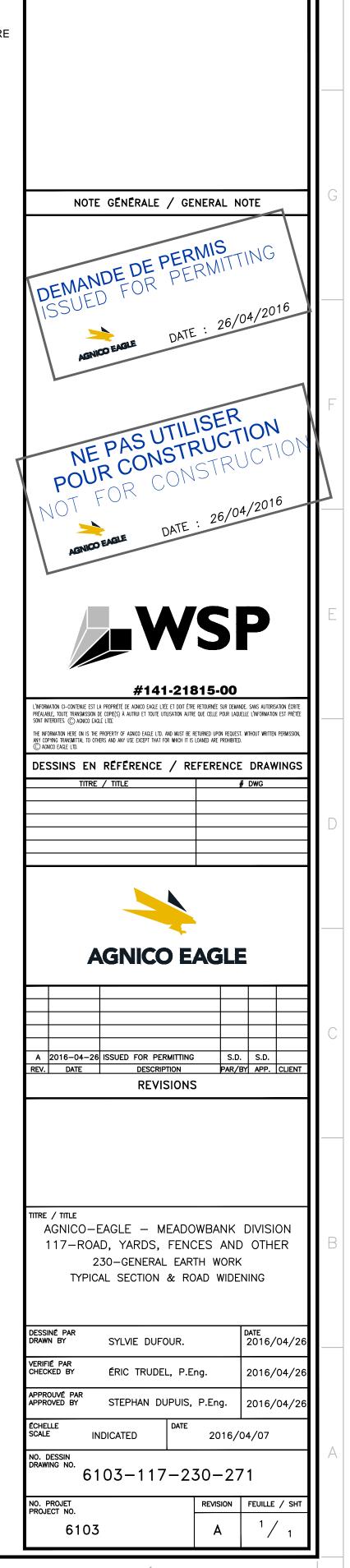
HOR. 1:100
VERT. 1:100

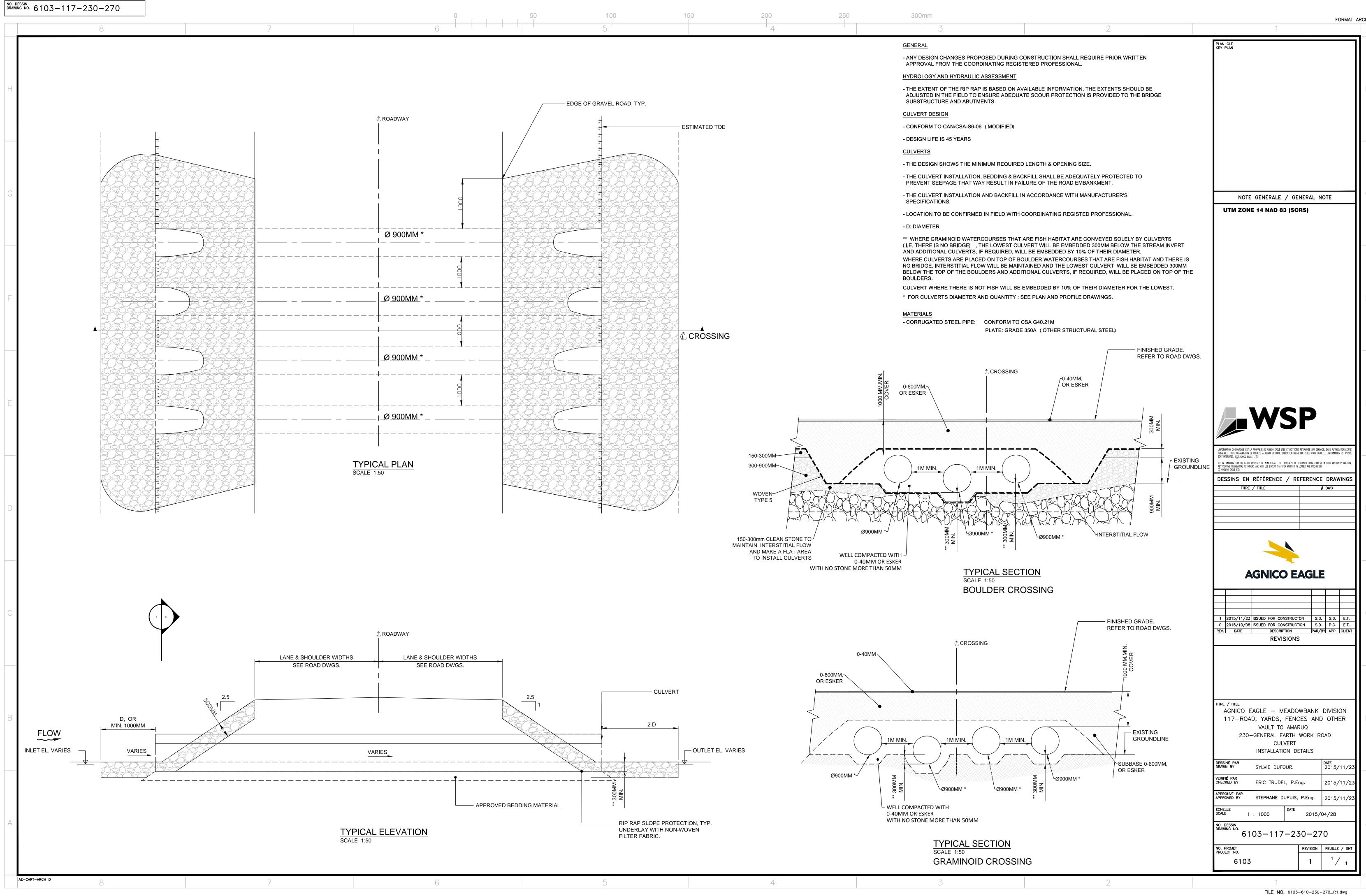
AE-CART-ARCH D



TYPICAL SECTION 5
ICE WEGDE AND VERY THAW SUSCEPTIBLE SOIL
(SEE NOTE 1)

HOR. 1:100
VERT. 1:100





#### **LEGEND**

**BRIDGES:** 3.4km, 6M -DRAWNG #212 10.7km, 6M - DRAWNG #217 16.0KM; 40M -DRAWNG #221 20.0km, 6M -DRAWNG #224 23.9KM; 60M -DRAWNG #227 26.1km, 6M -DRAWNG #228 32.3KM; 40M -DRAWNG #233 43.5km, 6M - DRAWNG #241 44.8KM; 40M -DRAWNG #241

**SECTION 1** = 16.8 km VAULT TO ESKER #1 (CH:16+800)

**SECTION 2** = 8.2 km ESKER #1 TO ESKER #2 (CH: 25+000)

**SECTION 3** = 10 km ESKER #2 TO (CH: 35+000)

**SECTION 4** = 11 km 35+000 TO ESKER #3 (CH: 46+000)

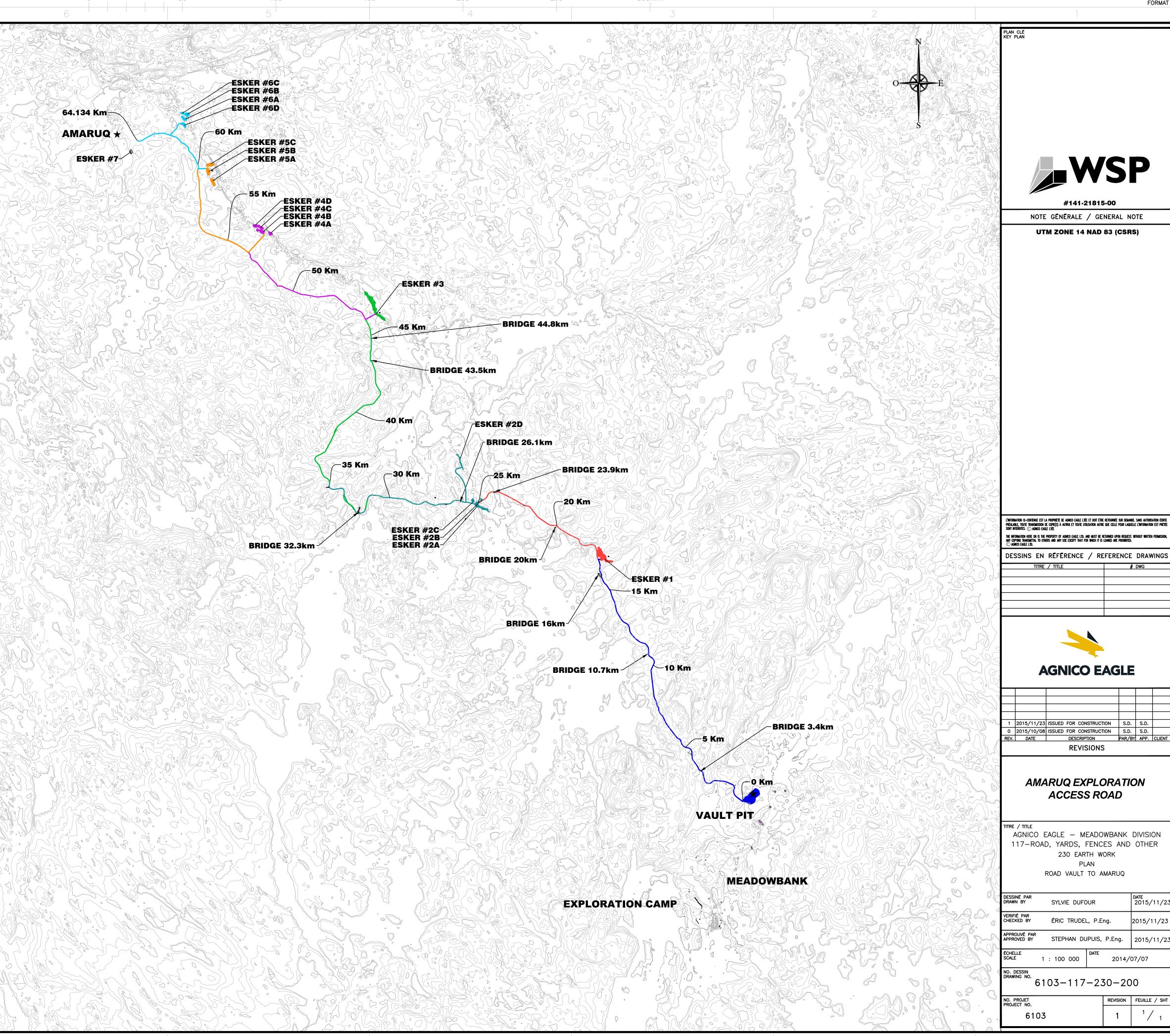
**SECTION 5** = 7.7 km ESKER #3 TO ESKER #4 (CH: 53+700)

**SECTION 6** = 6.1 km ESKER #4 TO ESKER #5 (CH: 59+800)

**SECTION 7** = 4.334 km ESKER #5 TO AMARUQ (CH: 64+134)

ESKERS Quantities						
Esker	Surface exploited (m <sup>2</sup> )	2 strips x 1 m (m <sup>3</sup> )				
1	180 725	361 450				
2A	84 985	169 970				
2B	5 144	10 288				
2C	24 745	49 490				
2D	43 089	86 178				
3	178 542	357 084				
4A	17 434	34 868				
4B	35 860	71 720				
4C	32 933	65 866				
4D	16 998	33 996				
5A	41 140	82 280				
5B	35 458	70 916				
5C	34 591	69 182				
6A	25 827	51 654				
6B	32 637 65 274					
6C	10 263	20 526				
6D	22 922	45 844				

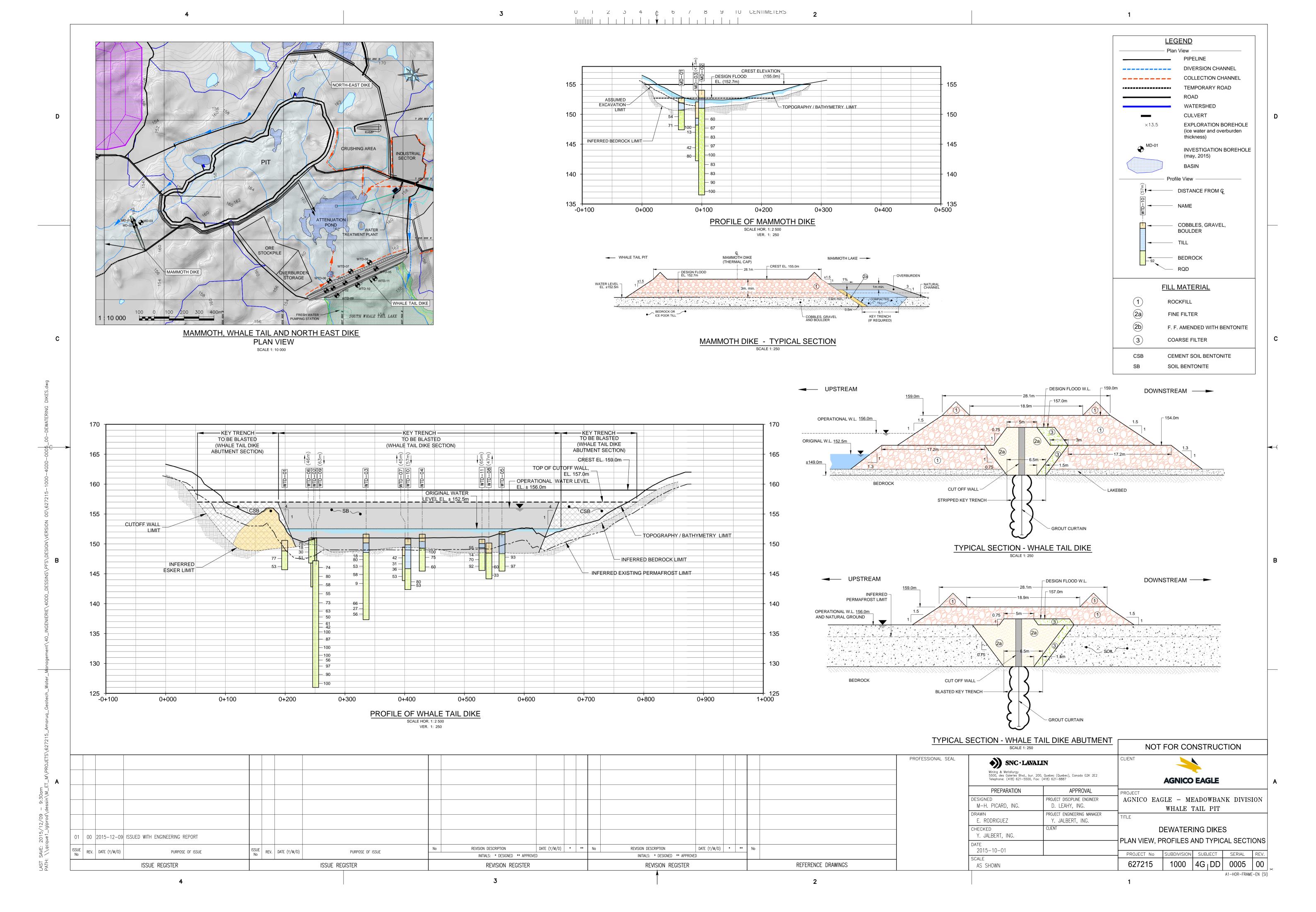
	Granular materials for road construction (m <sup>3</sup> )						
Sections	From	0-40 mm	0-300 mm**	0-600 mm**	From	MG-112**	
1	Vault	18 735	154 091	174 957			
2	Vault	9 078		N/A	Esker 1	183 722	
3	Vault	3 928		N/A	Esker 2	489 115	
4	Vault	21 726		N/A	Esker 3	108 650	
5	Vault	8 656		N/A	Esker 4	70 368	
6	Vault	6 920		N/A	Esker 5	34 467	
7	Vault	5 257		N/A	Esker 6	34 492	
Total m³		74 301	154 091	174 957		920 814	
** Increase of 0-300, 0-600 and MG-112 of 20%							



DATE 2015/11/2

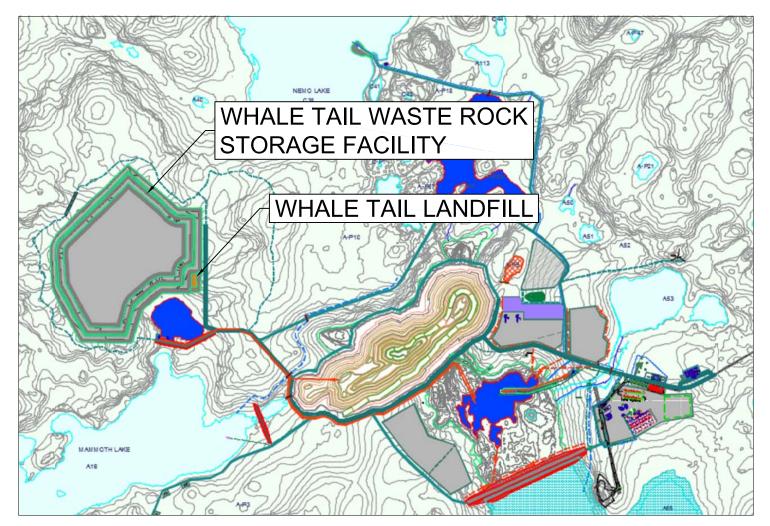
REVISION FEUILLE / SHT

FORMAT ARCHD



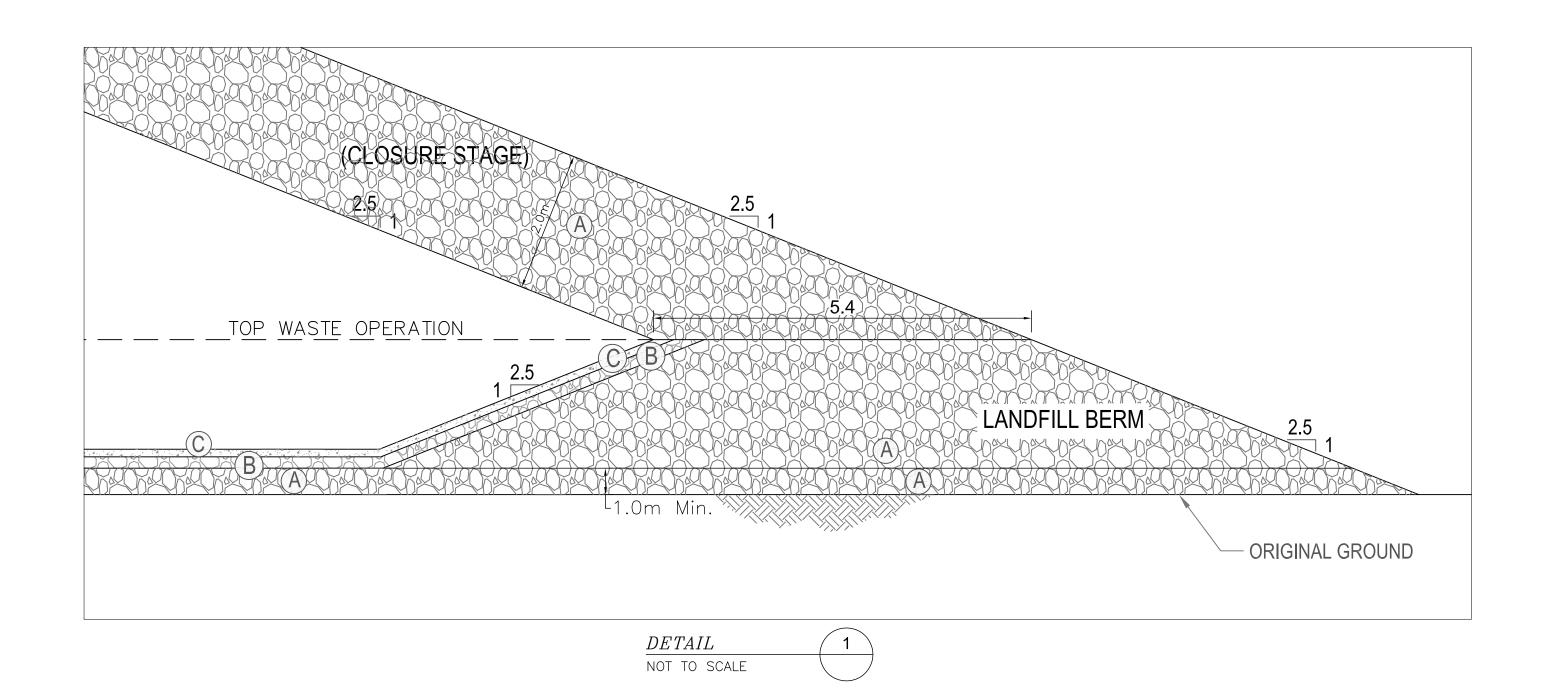
U I 2 3 4 C 6 / 8 9 IU CENTIMETERS

<u>LANDFILL PLAN VIEW</u> SCL: 1:500

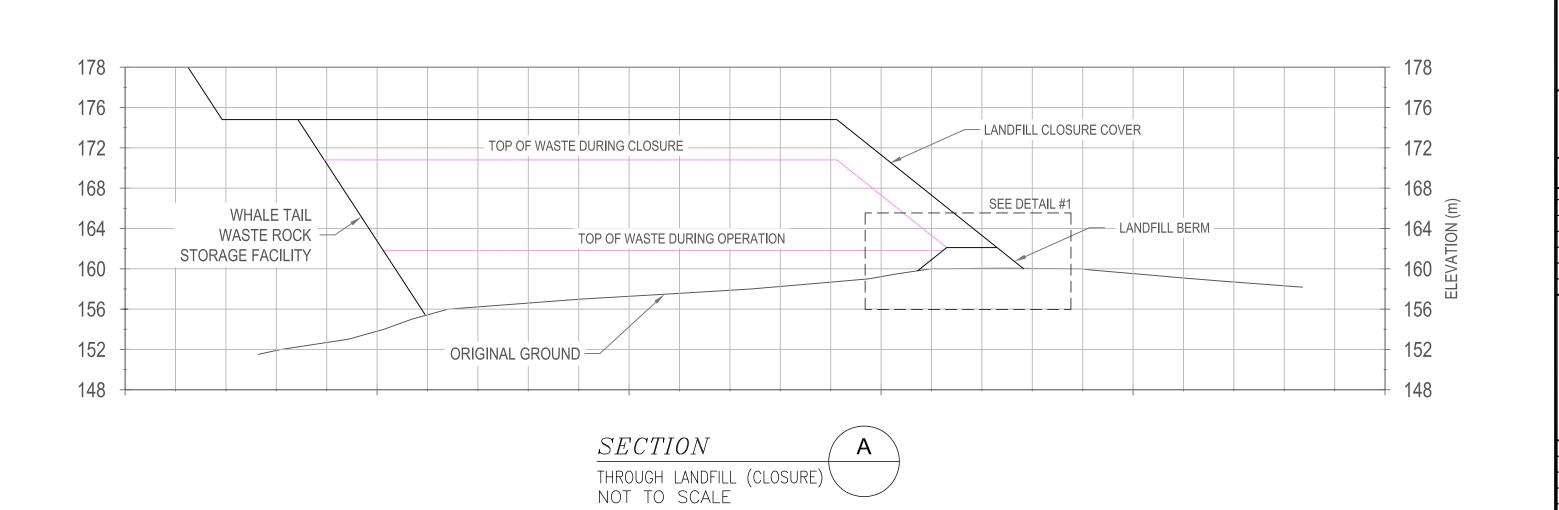


WHALE TAIL LANDFILL LOCATION

NTS / KEY PLAN



300mm



# DESCRIPTION:

- A -PIT RUN: 0-600 MM NON POTENTIALLY ACID GENERATING OR METAL LEACHING WASTE ROCK
- B TRANSITION ROCKFILL: 0-150 MM NON POTENTIALLY ACID GENERATING OR METAL LEACHING WASTE ROCK
- $\bigcirc$  -liner bedding till : 0-20 mm non potentially acid generating or metal leaching waste rock



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 DATE
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 **REVISIONS** AGNICO EAGLE - MEADOWBANK DIVISION WHALE TAIL PIT PROJECT WHALE TAIL LANDFILL PLAN VIEW, SECTION & DETAIL WHALE TAIL LANDFILL ARRANGEMENT STAGE DESIGN DATE 2016-01-27 APPROUVÉ PAR APPROVED BY S.OUELLET 2016-05-05 2016-01-26 6108-697-210-001 NO. PROJET PROJECT NO. REVISION FEUILLE / SHT

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