






UTM ZONE 14 NAD 83 (CSRS)

**LEGEND-PROFILE**

	<b>TOP HAUL ROAD</b>
	<b>TUNDRA</b>
	<b>SMOOTH TUNDRA</b>
	<b>ROCK</b>
	<b>AS SURVEY-TOP OPERATION ROAD</b>



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TEL QUE LE RELEVÉ  
AS SURVEY

 **REPUBLIQUE FRANÇAISE**

DATE : 2019/02/25



1	2019/02/25	AS SURVEY	S.D.	S.D.	J.B.
0	2018/02/23	ISSUED FOR CONSTRUCTION	S.D.	S.D.	J.B.
REV.	DATE	DESCRIPTION	PAR/RV	APP.	CLIENT



DESSINÉ PAR DRAWN BY	SYLVIE DUCOUR / CARIEL NORMAND	DATE 2018-03-25
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CHECKED BY JULIE BELANGER, P.Eng. M. Sc.A 2019-02-25

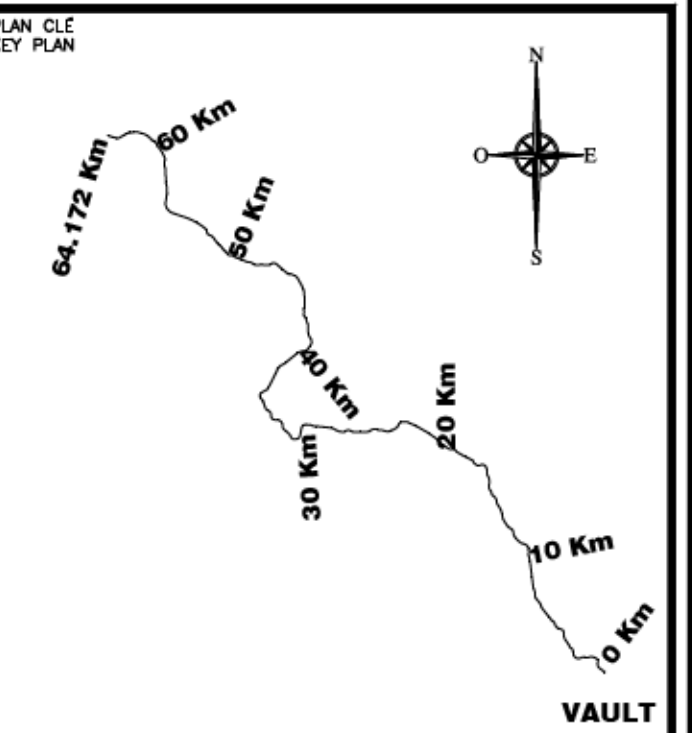
SCHELLE	DATE
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DRAWING NO. 61-117-230-334

NO. PROJECT	REVISION	REVISED / SHEET
PROJECT NO.		1 /


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NOTE GÉNÉRALE / GENERAL NOTE

UTM ZONE 14 NAD 83 (CSRS)

LEGEND-PLAN	
-----	GRAVEL EDGE-OPERATION ROAD
_____	TOP OF SLOPE-OPERATION ROAD
-----	TOE OF SLOPE-OPERATION ROAD
-----	CENTER LINE-OPERATION ROAD
_____	CONTOUR
-----	OFFSET LAKE 31M
_____	LAKE
	ARCHEOLOGICAL SITE

LEGEND-PROFILE	
_____	TOP HAUL ROAD
_____	TUNDRA
_____	SMOOTH TUNDRA
	ROCK
-----	AS SURVEY-TOP
-----	OPERATION ROAD

**NOTE:**  
**BUILD A TURN AWAY BAY AT EVERY 150m,**  
**ON THE SAME SIDE AS THE PULLOUTS BAYS**

**#171-17523-00**

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TITLE / TITRE	# DWG



1	2019/02/25	AS SURVEY	S.D.	S.D.	J.B.	
0	2018/02/23	ISSUED FOR CONSTRUCTION	S.D.	S.D.	J.B.	
REV.	DATE	DESCRIPTION	P.A.R./B.Y.	A.P.P.	C.L.I.E.N.T	
<b>REVISIONS</b>						

## REVISIONS



TITLE / TITLE  
AGNICO EAGLE - MEADOWBANK DIVISION  
117-ROAD, YARDS, FENCES AND OTHER  
230-GENERAL EARTH WORK  
PLAN & PROFILE  
ROAD-Vault to Whale Tail Project  
63+000 @ 64+134

ESSINÉ PAR	DATE
DRAWN BY SYLVIE DUCLOUX / GABRIEL NORMAND	2019-02-25

VERIFICAR	
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CHECKED BY: JOLIE BELANGER, P.Eng. M. ScA 2019-02-23	
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APPROVED BY	STEPHAN DUPUIS, P.Eng.	2019-02-25
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CHELLE CALE	INDICATED	DATE	2019-02-25
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0. DESSIN DRAWING NO.	
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61-117-230-335

0. PROJET	REVISION	FEUILLE / SHT
PROJECT NO.		

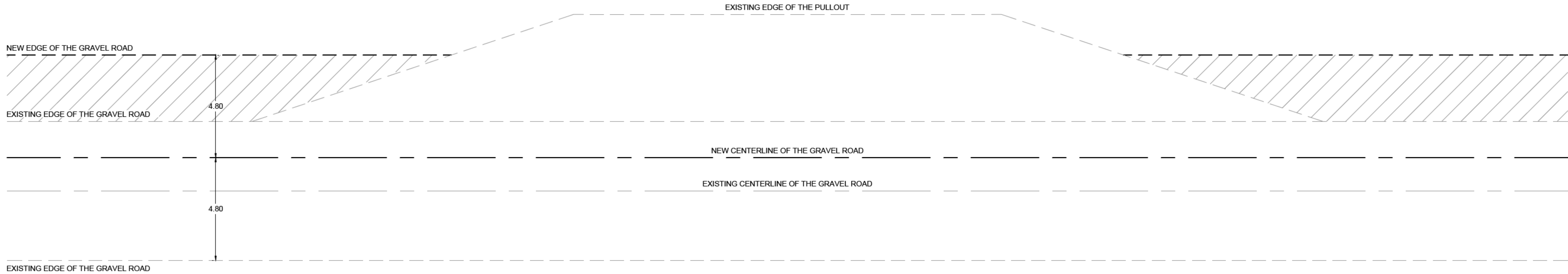
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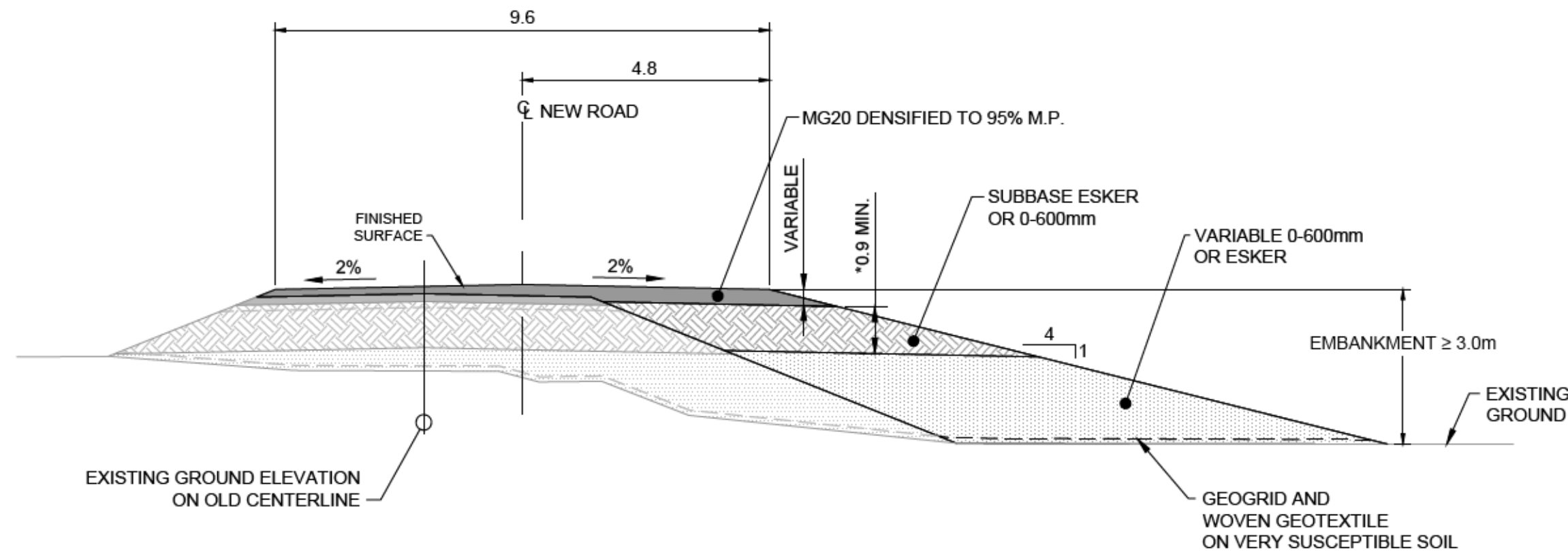






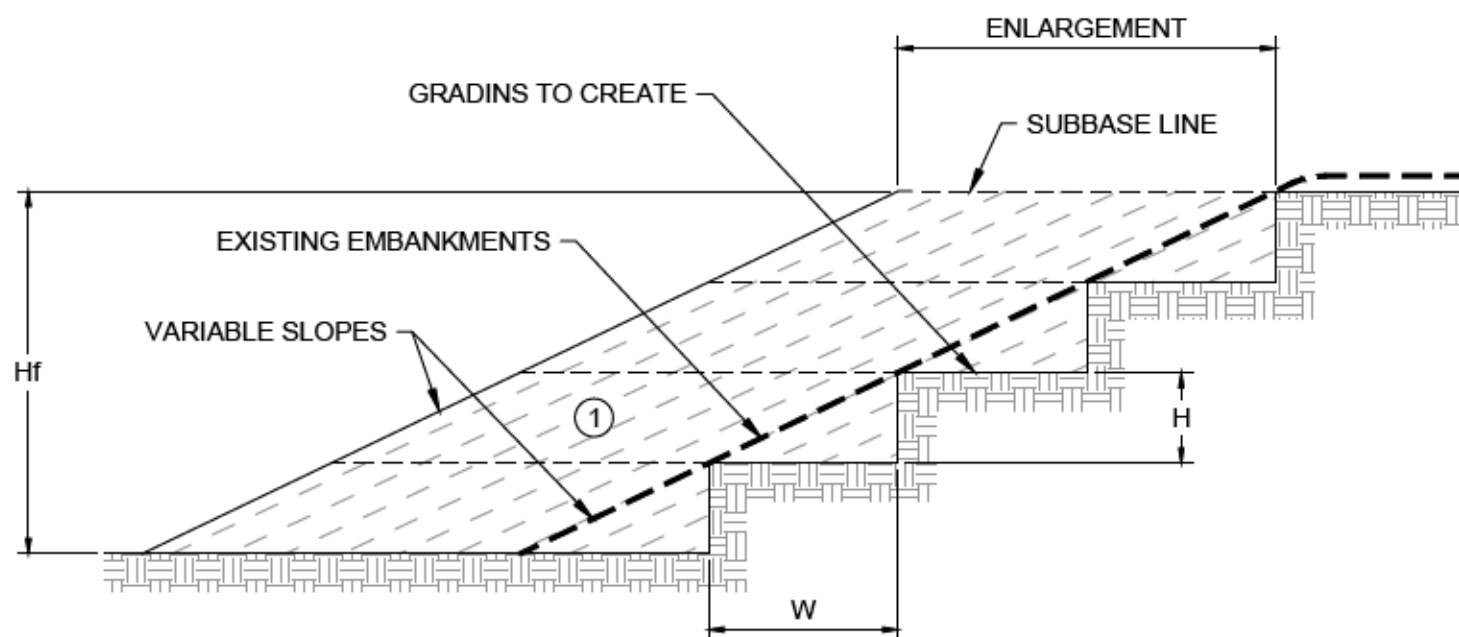
### PULLOUT DETAIL PLAN VIEW

REFER TO PLAN AND PROFILE  
FOR LOCATIONS  
HOR. 1:100



### TYPICAL SECTION WITH SLOPE 4:1 (SEE NOTE 2)

HOR. 1:100  
VERT. 1:100



### ENLARGEMENT OF EMBANKMENTS (SEE NOTE 2)

HOR. 1:100  
VERT. 1:100

HEIGHT AND WIDTH OF GRADINS		
EXISTING SLOPE	FILLING Hr < 4000	FILLING Hr ≥ 4000
1V : 3H TO 1V : 2H	W : 1500 H : VARIABLE	W : 2500 H : VARIABLE
MORE STEEP THAN 1V : 2H	W : VARIABLE H : 600	W : VARIABLE H : 1200

W : WIDTH OF GRADINS  
H : HEIGHT OF GRADINS  
Hf : HEIGHT OF FILLING

① SAME MATERIAL OF THE EXISTING ROAD

- NOTES:
- THE SIZE OF GRADINS IS NOT REQUIRED IF THE EXISTING SLOPE IS LESS THAN 1V : 3H;
  - THE SIZE OF GRADINS DOES NOT APPLY TO ROCK FILLER;
  - DIMENSIONS ARE IN MILLIMETERS.

#### NOTES:

- 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.
- SOILS RELATIVELY UNSUSCEPTIBLE TO FREEZE AND THAW SETTLEMENT WHERE THAWING OF THE NEAR-SURFACE SUB-GRADE IS EXPECTED TO RESULT IN MINIMAL STRENGTH LOSS AND TOLERABLE SETTLEMENTS.
- ALL DIMENSIONS IN METERS, UNLESS NOTED OTHERWISE.

#### CONSTRUCTION NOTES:

WHEN LOADING, THE CONTRACTOR MUST MANAGE THE AVAILABLE MATERIALS IN ORDER TO KEEP THE BEST QUALITY MATERIALS AND WITH THE SUITABLE DIMENSIONS FOR THE REALIZATION OF THE SUBBASE. THE LOWER QUALITY MATERIALS AND WHOSE DIMENSIONS DO NOT MEET SUBBASE SPECIFICATIONS MUST BE USED UNDER THE SUBBASE AND THE UNUSABLE MATERIALS MUST BE DISCARDED.

THE INSTALLATION MUST BE DONE USING THE APPROPRIATE EQUIPMENT AND FOLLOW THE PROPOSED PROFILE ON THE DRAWINGS.

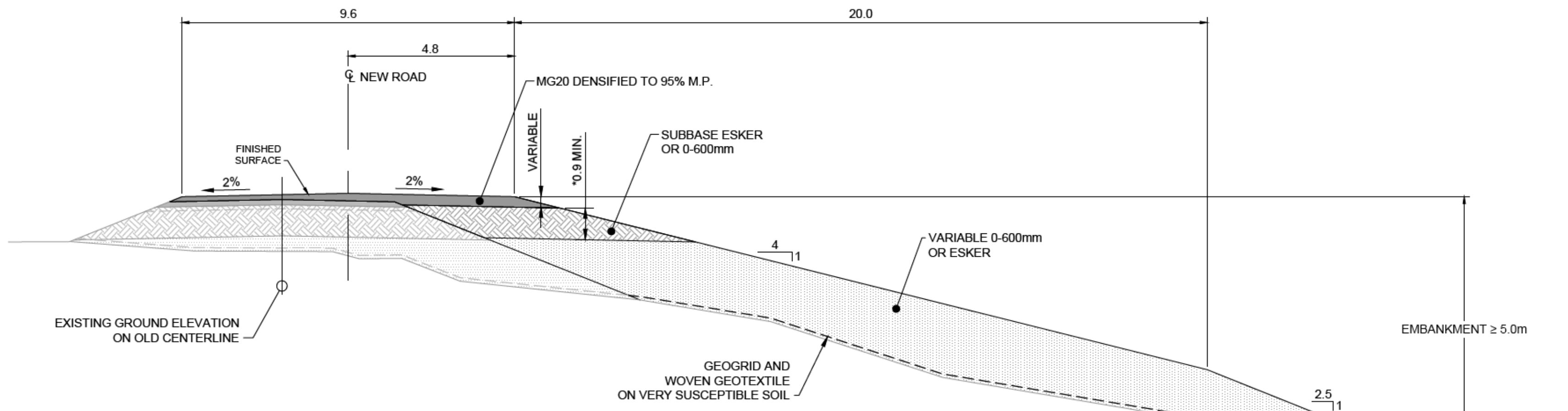
FOR MATERIALS FROM THE ESKERS, THE CONTRACTOR MUST CARRY OUT THE INSTALLATION BY A MAXIMUM LAYER THICKNESS OF 600 MM, EXCEPT FOR THE LAST LAYER WHICH MUST NOT EXCEED 300 MM.

FOR THE BACKFILL STONE, THE BLOCKS OF STONE SHALL NOT EXCEED 1 M IN THEIR LARGEST DIMENSION. THE MATERIALS MUST BE INSTALLED AND SPREAD IN UNIFORM LAYERS WITH A MAXIMUM THICKNESS OF 1,5 M ON THE FULL WIDTH REQUIRED BY THE THEORETICAL SLOPE OF THE EMBANKMENT, EXCEPT FOR THE LAST 3 M UNDER THE SUBBASE WHERE THE MAXIMUM LAYER THICKNESS SHALL BE 1 M. THE LAST 1 M THICK LAYER UNDER THE SUBBASE SHALL BE COMPOSED OF 0-600 MM MATERIAL. THE SUBBASE MUST BE BUILT IN LAYERS OF 600 MM COMPOSED OF 0-600 MM MATERIAL AND SHALL CONTAIN A SUFFICIENT AMOUNT OF PEBBLES AND GRAVEL TO FORM A DENSE AND FIRM LAYER, PREVENTING ANY INFILTRATION IN THE INTERSTICES AND EVEN UNDER THE INFLUENCE OF VIBRATIONS CAUSED BY A VIBRATING ROLLER OR DOZERS.

#### COMPACTION:

WHEN USING MATERIALS FROM ESKERS, THE CONTRACTOR MUST CARRY OUT A REFERENCE BOARD TO ESTABLISH THE NUMBER OF ROUND TRIPS NECESSARY FOR THE DOZER TO ACHIEVE ADEQUATE COMPACTION. WE CONSIDER THAT THE COMPACTION IS ADEQUATE WHEN THE LOADED TRUCKS LEAVE A FOOTPRINT LESS THAN 25 MM DEEP ON THE GROUND. A REFERENCE BOARD IS REQUIRED FOR EACH ESKER AND WHEN THE MATERIAL COMPOSITION CHANGES IN THE SAME ESKER. IF THE CONTRACTOR COMPLETES THE COMPACTION WITH THE TRUCKS, THE TRUCKS MUST ENSURE ROLLING ON THE FULL WIDTH OF THE ROAD AND THE CONTRACTOR WILL FILL THE SUBSIDENCE CAUSED BY COMPACTION.

FOR THE BACKFILL STONE FROM THE QUARRY, THE CONTRACTOR MUST COMPACT EACH LAYER WITH AT LEAST FOUR ROUND TRIPS OF A D8 BULLDOZER OR EQUIVALENT.



### TYPICAL SECTION WITH SLOPE 4:1 AND 20m RIGHT-OF-WAY LIMIT (SEE NOTE 2)

HOR. 1:100  
VERT. 1:100

PLAN CLE  
KEY PLAN

NOTE GÉNÉRALE / GENERAL NOTE

TEL QUE LE RELEVÉ  
AS SURVEY  
DATE : 2019/02/25

wsp

#171-17523-00

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TITRE / TITLE	# DWG



REV.	DATE	DESCRIPTION	PAR/APP.	APP.	CLIENT
1	2019/02/21	AS BUILT	S.D.	S.D.	J.B.
0	2018/02/23	ISSUED FOR CONSTRUCTION	S.D.	S.D.	J.B.

#### REVISIONS



TITRE / TITLE  
AGNICO-EAGLE - MEADOWBANK DIVISION  
117-ROAD, YARDS, FENCES AND OTHER  
230-GENERAL EARTH WORK  
TYPICAL SECTION & ROAD WIDENING

DESSEIN PAR  
DRAWN BY SYLVIE DUFOUR DATE 2019/02/21

VÉRIFIÉ PAR  
CHECKED BY JULIE BELANGER, P.Eng. M. Sc.A 2019/02/21

APPROUVÉ PAR  
APPROVED BY STEPHAN DUPUIS, P.Eng. 2019/02/21

ÉCHELLE  
SCALE INDICATED DATE 2019/02/21

NO. DESIGN  
DRAWING NO. 61-117-230-337

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PROJECT NO. 61 REVISION FEUILLE / SHEET 1 / 1



