



McElhanney

McElhanney Ltd.

for / pour



Parks Canada Agency
Western and Northern
Region

L'Agence Parcs Canada
Ouest et Nord
du Canada

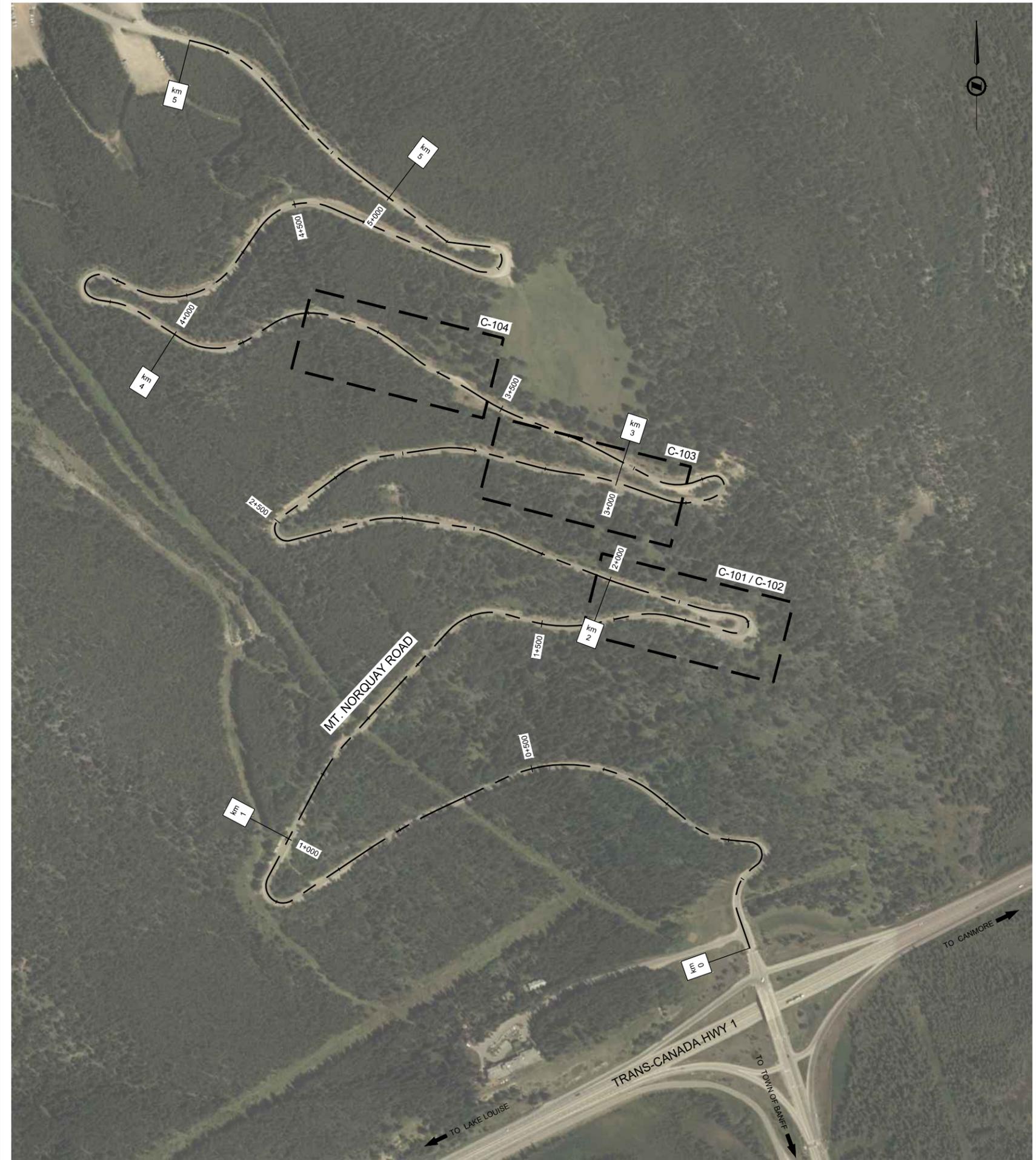
2022 NORQUAY ROAD
WASHOUT REHABILITATION
STAGE 2

BANFF NATIONAL PARK, AB

ISSUED FOR TENDER

FEBRUARY 2022

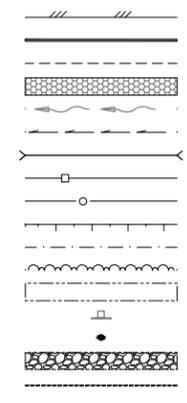
FILE: \\CGV\FSS\VOL1\PROJECTS\2511-00767-00-PARKS-CATEGORY-4.6-ROADS-BANFF\100-DRAWINGS-YR-NORQUAY-WASHOUT\100.3-SHEET-FILES\0.3.2-STAGE-2020\767-00-LOCATION-PLAN.DWG PLOTTED: 2022/02/18 2:18 PM



DRAWING INDEX		
SHEET NO.	DRAWING NO.	DRAWING TITLE
1	G-000	COVER
2	G-001	LOCATION PLAN, DRAWING INDEX, LEGEND
3	C-101	SECTION 1 & SECTION 2 PLAN
4	C-102	SECTION 1 & SECTION 2 DETAILS
5	C-103	SECTION 3 PLAN
6	C-104	SECTION 4 PLAN

LEGEND

- EX EDGE OF PAVEMENT
- EX ASPHALT CURB
- EX EDGE OF GRAVEL
- EX GABION WALL
- EX DITCH
- EX SWALE
- EX CULVERT
- EX WOOD POST GUARDRAIL
- EX STEEL POST GUARDRAIL
- HINGE OF SIDESLOPE / BACKSLOPE
- TOE OF SIDESLOPE
- EX TREELINE
- AREA OF WASHOUT
- EX SIGN
- EX DELINEATOR POST
- RIPRAP
- NON-WOVEN GEOTEXTILE



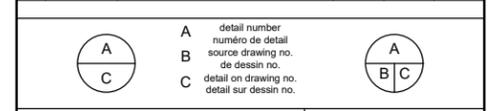
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COORDINATES ARE GRID IN NAD 83 CSRS UTM ZONE 11. ALL ELEVATIONS ARE GEODETIC

Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé
1	2022.02.18	RE-ISSUED FOR TENDER	MMK	JH	MM
0	2021.09.07	ISSUED FOR TENDER	CH/LJ	JH	MM



Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client

L'Agence Parcs Canada Ouest et Nord du Canada

Consultant's Name
Nom de l'expert-conseil

Project Title
Titre du projet

**2021 NORQUAY ROAD
WASHOUT REHABILITATION
STAGE II**

BANFF, ALBERTA
BANFF NATIONAL PARK, AB

Drawing Title
Titre du dessin

**LOCATION PLAN
DRAWING INDEX
LEGEND**

Surveyed by / Arpenté par MCELHANNY	Drawn by / Dessiné par LJ/CH	Date 2022.02.18
Designed by / Conçu par JH	Reviewed by / Revisé par MM	Scale / Echelle 1:3000

Parks Canada Project Manager / Administrateur de Projets Parcs Canada

Client Acceptance / Acceptation du client	Approved by / Approuvé par

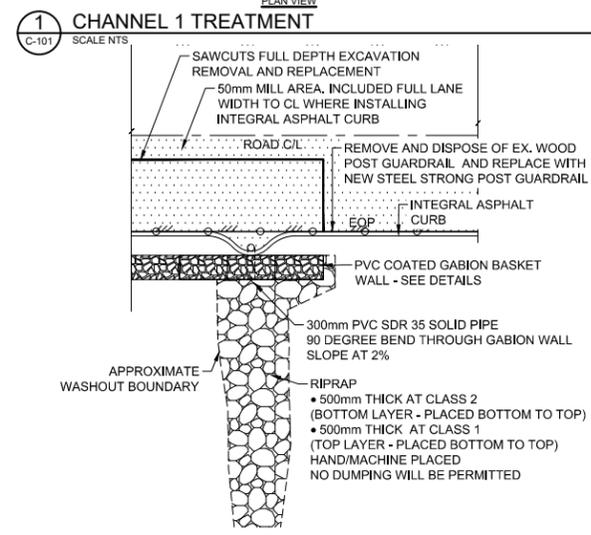
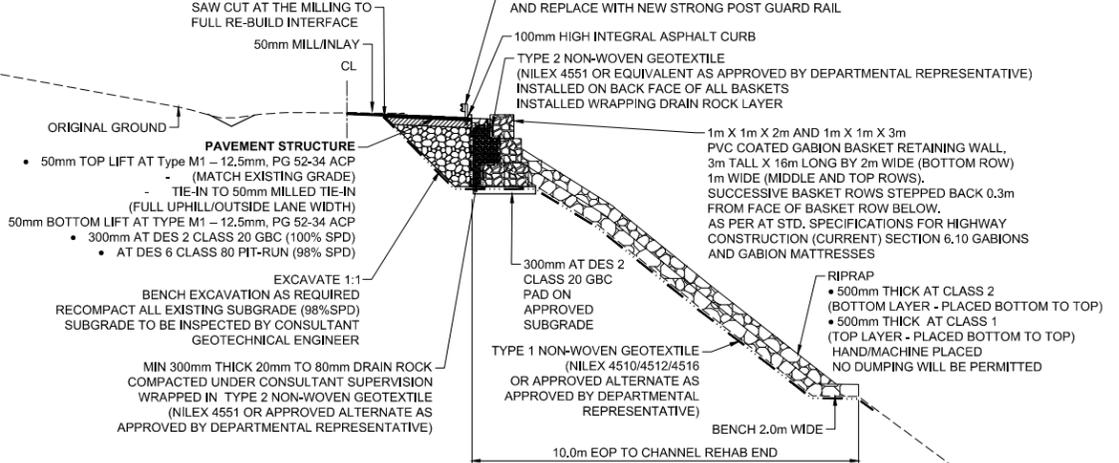
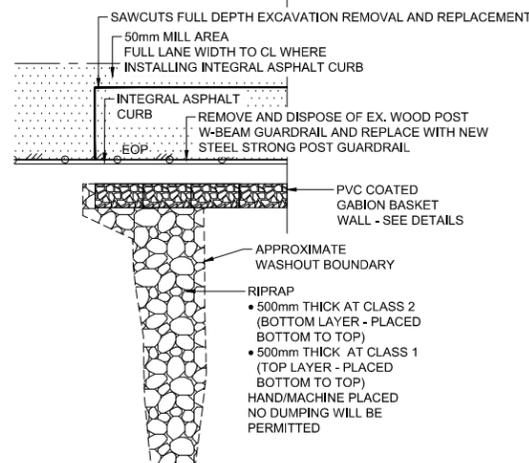
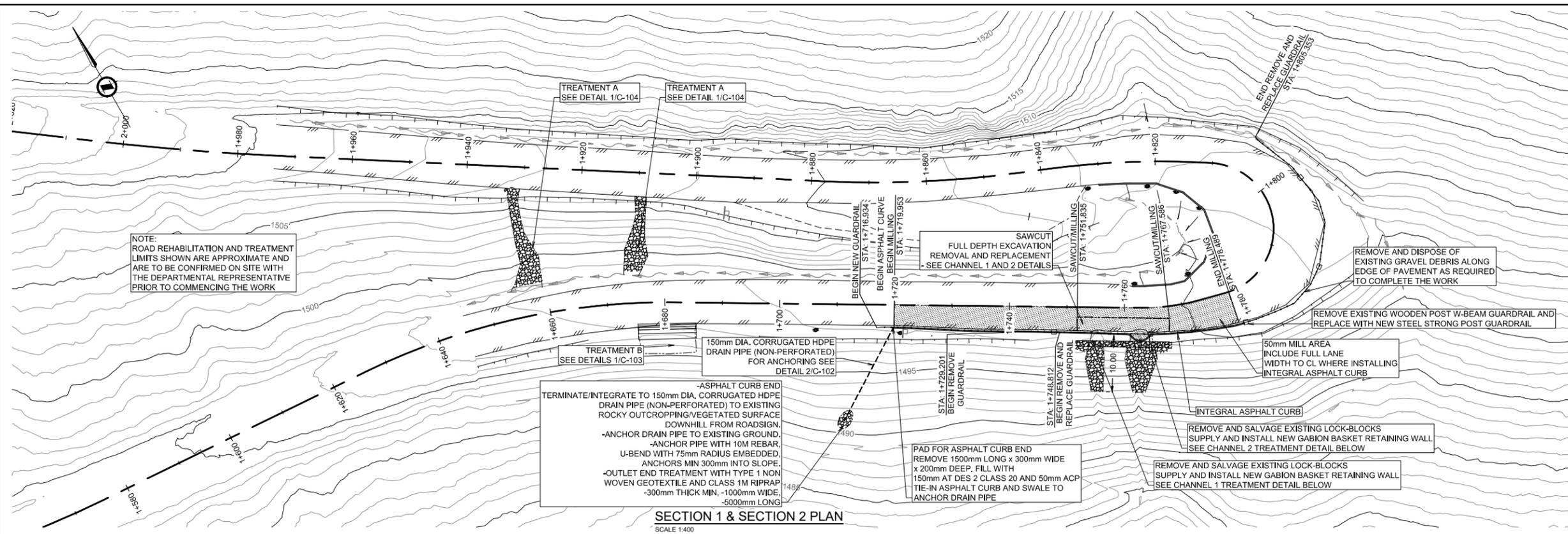
Project No. / No. du projet 2511-00767-00	Asset No. / No. du-bien	Sheet No. / No. de la feuille 2
Drawing Reference No. / No. de référence du dessin G-001		

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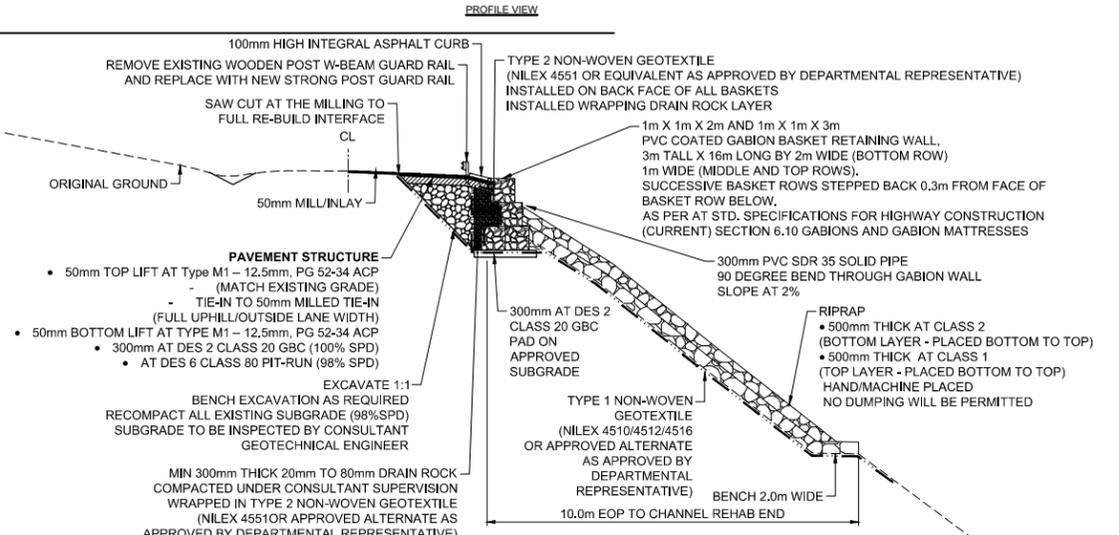
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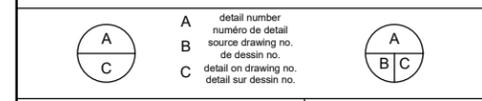
COORDINATES ARE GRID IN NAD 83 UTM ZONE 11. ALL ELEVATIONS ARE GEODETIC



NOTES:
1. DIMENSIONS ARE APPROXIMATE AS OF JULY 14, 2021. SIGNIFICANT CHANGES MAY HAVE OCCURRED SINCE THE DATE OF INSPECTION. EXISTING SITE CONDITIONS SHOULD BE ASSESSED PRIOR TO CONDUCTING THE WORK AND IF NECESSARY DESIGN REVISIONS BE MADE TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.



Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé
1	2022.02.18	RE-ISSUED FOR TENDER	MMK	JH	MM
0	2021.09.07	ISSUED FOR TENDER	CH/LJ	JH	MM



Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client

Parks Canada Agency
Western and Northern Region

L'Agence Parcs Canada
Ouest et Nord du Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project Title
Titre du projet

2021 NORQUAY ROAD WASHOUT REHABILITATION STAGE II
BANFF, ALBERTA
BANFF NATIONAL PARK, AB

Drawing Title
Titre du dessin

SECTION 1 & SECTION 2 PLAN

Surveyed by / Arpenté par	Drawn by / Dessiné par	Date
McELHANNEY	LJ/CH	2022.02.18
Designed by / Conçu par	Reviewed by / Révisé par	Scale / Echelle
JH	MM	AS SHOWN

Parks Canada Project Manager / Administrateur de Projets Parcs Canada

Client Acceptance / Acceptation du client

Approved by / Approuvé par

Project No. / No. du projet	Asset No. / No. du bien	Sheet No. / No. de la feuille
2511-00767-00		3

Drawing Reference No. / No. de référence du dessin

C-101

FILE: \\CGV\FSS\LOCAL\PROJECTS\2511.00767.00_PARKS_CATEGORY_4.6_ROADS\BANFF\100_DRAWINGS_VBE_NORQUAY_WASHOUT\100_3_2_STAGE_200767_100-AN_QUANTITIES.DWG PLOTTED: 2022/02/18 2:20 PM

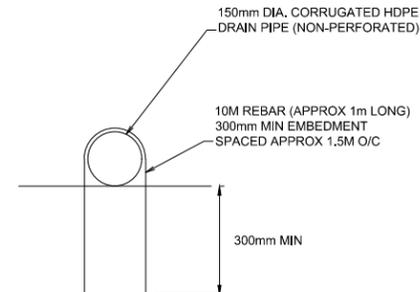


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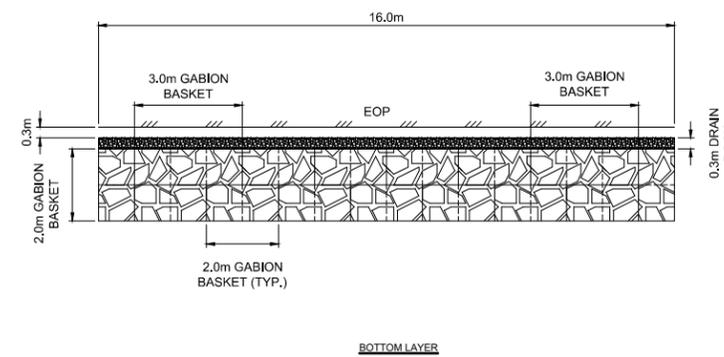
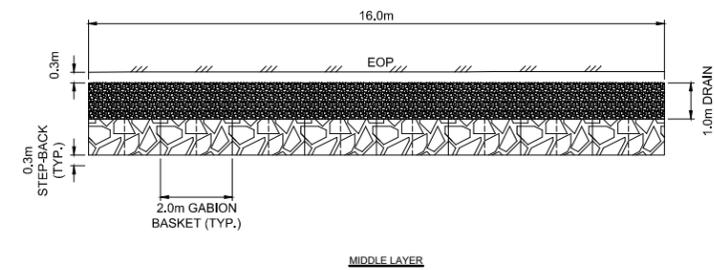
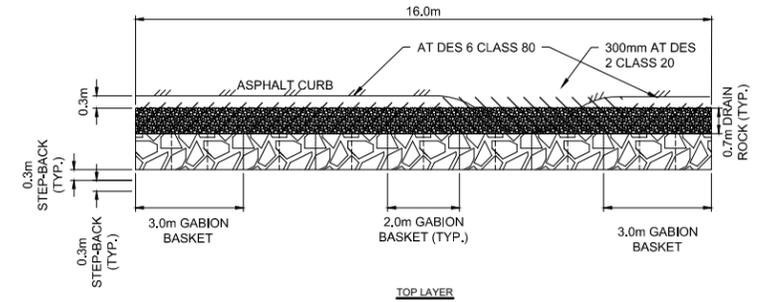
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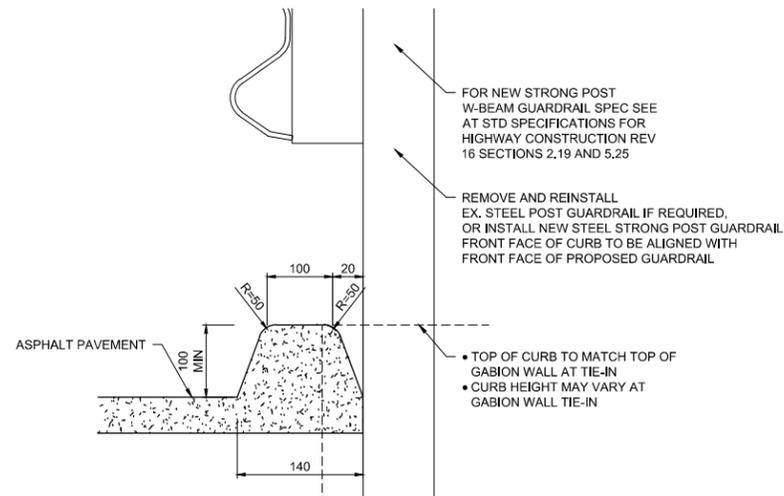
COORDINATES ARE GRID IN NAD 83 CSRS UTM ZONE 11. ALL ELEVATIONS ARE GEODETIC



2 TYPICAL ANCHORING DETAIL
SCALE NTS



3 GABION WALL BASKET LAYOUT
SCALE NTS



1 TYPICAL INTEGRAL ASPHALT CURB
SCALE NTS

Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé
1	2022.02.18	RE-ISSUED FOR TENDER	MMK	JH	MM
0	2021.09.07	ISSUED FOR TENDER	CH/LJ	JH	MM

A B C	<p>A detail number B numéro de detail C source drawing no. de dessin no. detail on drawing no. detail sur dessin no.</p>	A B C
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur

Client		L'Agence Parcs Canada Ouest et Nord du Canada
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Consultant's Name Nom de l'expert-conseil	
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Project Title Titre du projet	2021 NORQUAY ROAD WASHOUT REHABILITATION STAGE II BANFF, ALBERTA BANFF NATIONAL PARK, AB
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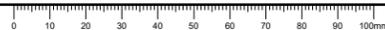
Drawing Title Titre du dessin	SECTION 1 & SECTION 2 DETAILS
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Surveyed by / Arpenté par MCELHANNEY	Drawn by / Dessiné par LJ/CH	Date 2022.02.18
Designed by / Conçu par JH	Reviewed by / Revisé par MM	Scale / Echelle AS SHOWN

Parks Canada Project Manager / Administrateur de Projets Parcs Canada	
Client Acceptance / Acceptation du client	Approved by / Approuvé par
Parks Canada Responsible Officer / Agente Responsable Parcs Canada	Parks Canada Project Manager / Administrateur de Projets Parcs Canada

Project No. / No. du projet 2511-00767-00	Asset No. / No. du bien	Sheet No. No. de la feuille 4
Drawing Reference No. / No. de référence du dessin C-102		

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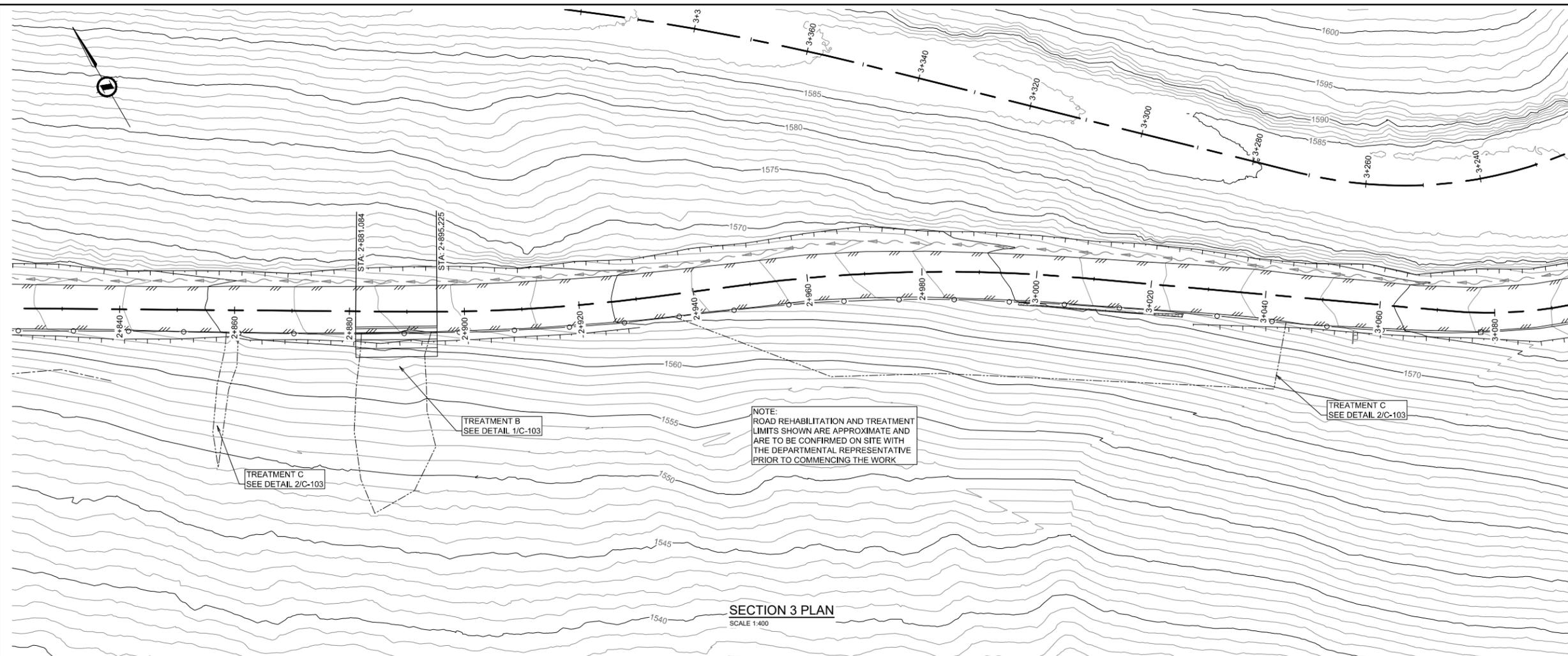


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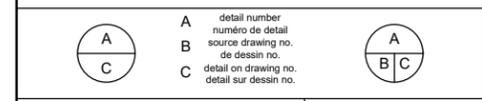
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1	2022.02.18	RE-ISSUED FOR TENDER	MMK	JH	MM
0	2021.09.07	ISSUED FOR TENDER	CH/LJ	JH	MM
Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé



Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client

Parks Canada Agency
Western and Northern
Region

L'Agence Parcs Canada
Ouest et Nord
du Canada

Consultant's Name
Nom de l'expert-conseil

Project Title
Titre du projet

**2021 NORQUAY ROAD
WASHOUT REHABILITATION
STAGE II**
BANFF, ALBERTA
BANFF NATIONAL PARK, AB

Drawing Title
Titre du dessin

SECTION 3 PLAN

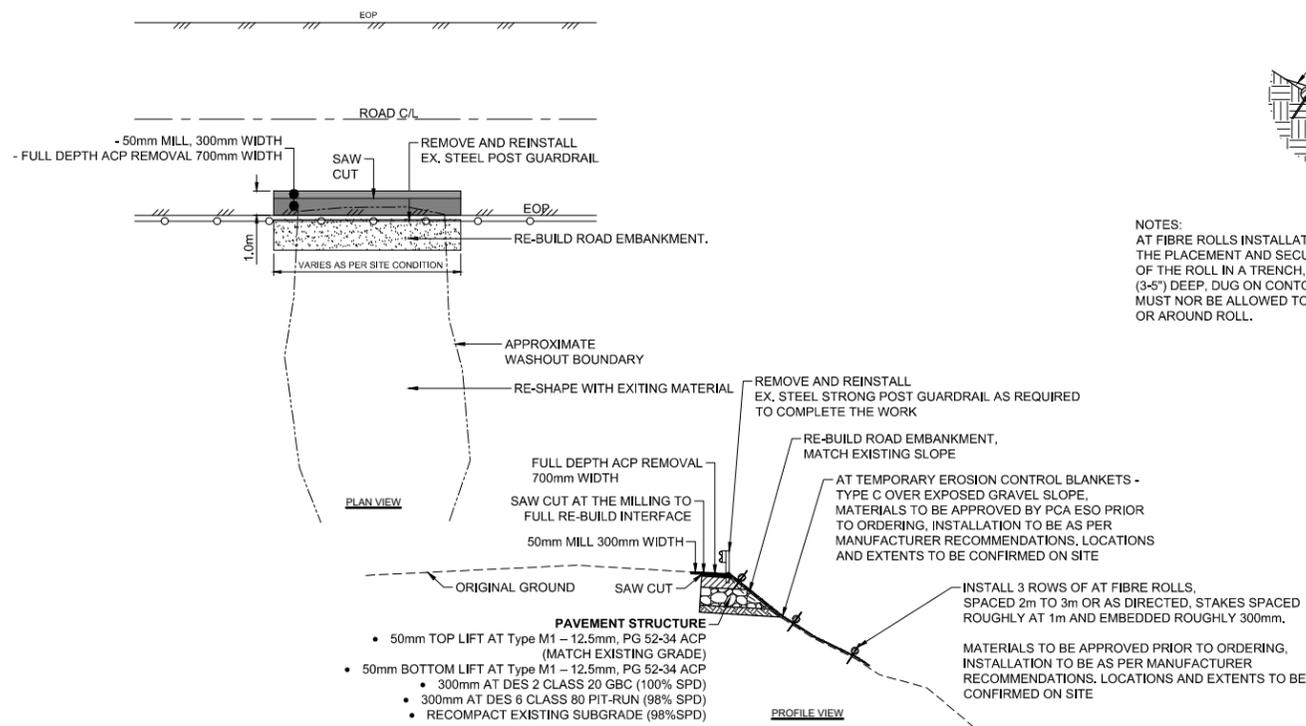
Surveyed by / Arpenté par McELHANNEY	Drawn by / Dessiné par LJ/CH	Date 2022.02.18
Designed by / Conçu par JH	Reviewed by / Révisé par MM	Scale / Echelle AS SHOWN

Parks Canada Project Manager / Administrateur de Projets Parcs Canada

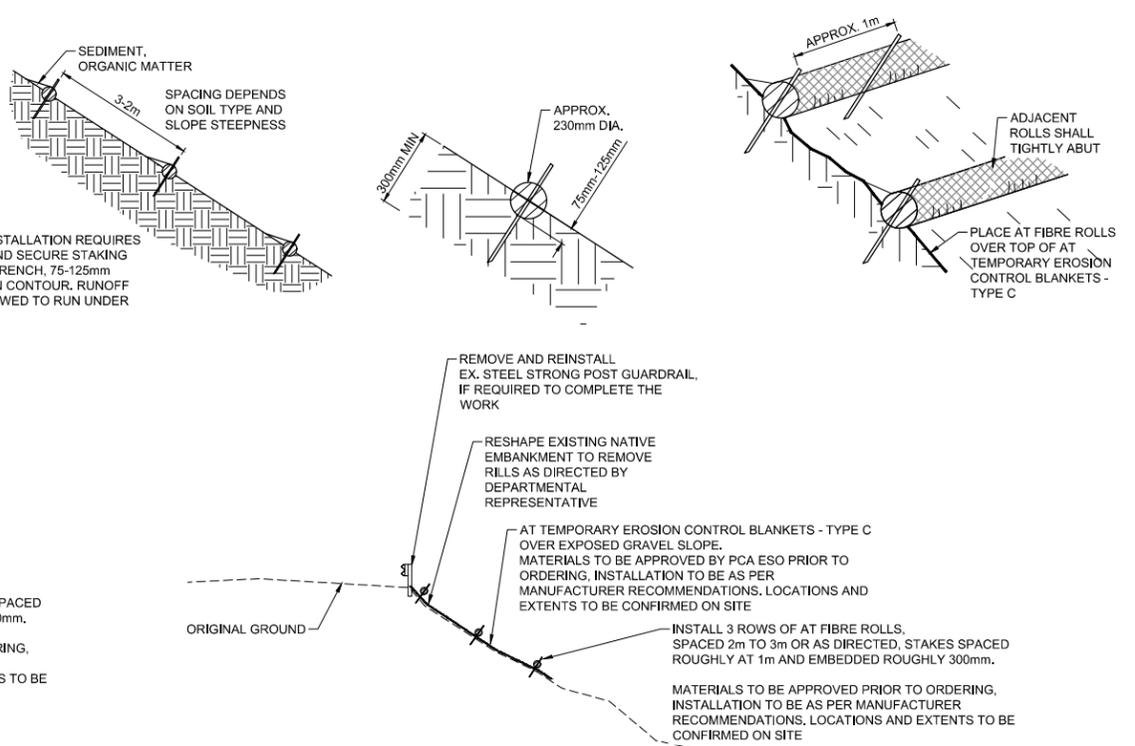
Client Acceptance / Acceptation du client	Approved by / Approuvé par
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Project No. / No. du projet 2511-00767-00	Asset No. / No. du bien	Sheet No. / No. de la feuille 5
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Drawing Reference No. / No. de référence du dessin
C-103



1 TREATMENT B
C-103 SCALE NTS



2 TREATMENT C
C-103 SCALE NTS

FILE: \\CGV\FSS\VOL1\PROJECTS\2511-00767-00_PARKS_CATEGORY_4-6_ROADS\BANFF\100_DRAWINGS_VBE_NORQUAY_WASHOUT\103_SHEET_FILES\03_2_STAGE_200707_103_PLAN_QUANTITIES.DWG PLOTTED: 2022/02/18 2:38 PM

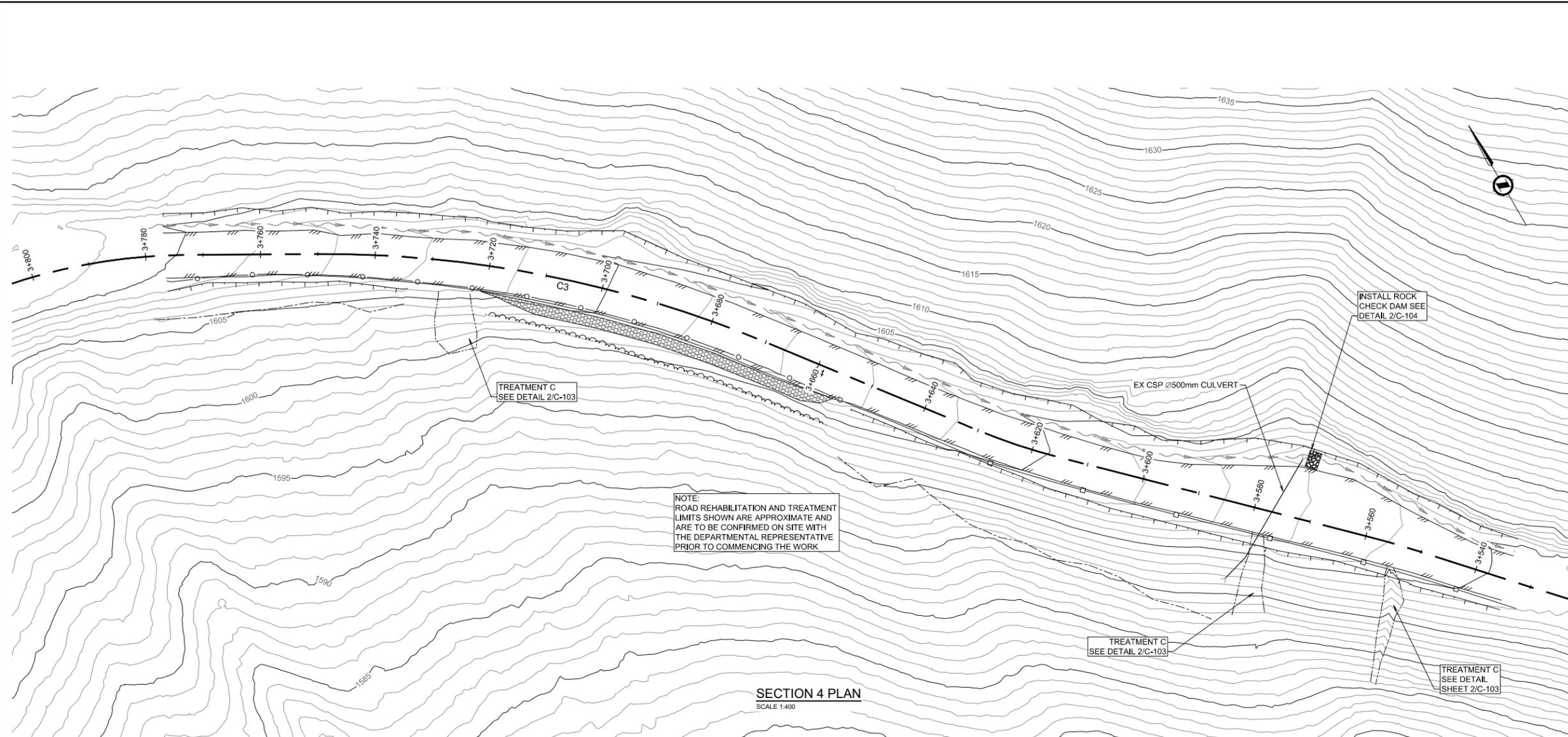


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NOTE:
ROAD REHABILITATION AND TREATMENT LIMITS SHOWN ARE APPROXIMATE AND ARE TO BE CONFIRMED ON SITE WITH THE DEPARTMENTAL REPRESENTATIVE PRIOR TO COMMENCING THE WORK

SECTION 4 PLAN
SCALE 1:400

1	2022.02.18	RE-ISSUED FOR TENDER	MMK	JH	MM
0	2021.09.07	ISSUED FOR TENDER	CH/LJ	JH	MM
Rev.	Date	Description	Drawn Dessiné	Designed Conçu	Approved Approuvé

A B C	detail number numéro de detail source drawing no. de dessin no. detail on drawing no. detail sur dessin no.	A B C
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Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur

Client

 Parks Canada Agency Western and Northern Region	 L'Agence Parcs Canada Ouest et Nord du Canada
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Consultant's Name
Nom de l'expert-conseil

Project Title
Titre du projet

**2021 NORQUAY ROAD
WASHOUT REHABILITATION
STAGE II**
 BANFF, ALBERTA
 BANFF NATIONAL PARK, AB

Drawing Title
Titre du dessin

SECTION 4 PLAN

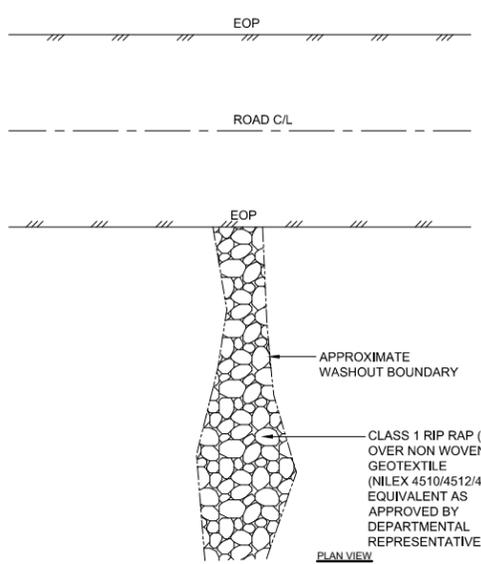
Surveyed by / Arpenté par McELHANNEY	Drawn by / Dessiné par LJ/CH	Date 2022.02.18
Designed by / Conçu par JH	Reviewed by / Révisé par MM	Scale / Echelle 1:400

Parks Canada Project Manager / Administrateur de Projets Parcs Canada

Client Acceptance / Acceptation du client	Approved by / Approuvé par

Project No. / No. du projet 2511-00767-00	Asset No. / No. du-bien	Sheet No. / No. de la feuille 6
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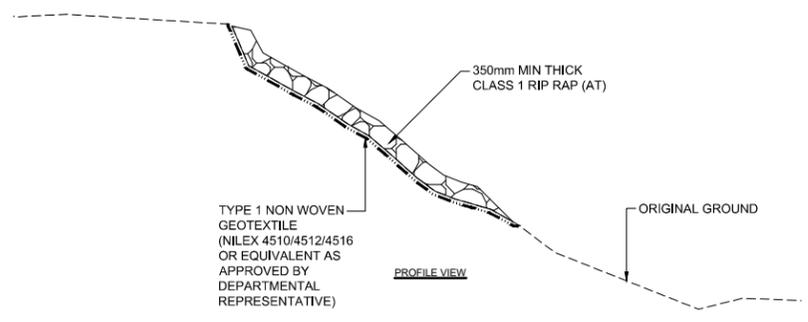
Drawing Reference No. / No. de référence du dessin
C-104



APPROXIMATE WASHOUT BOUNDARY

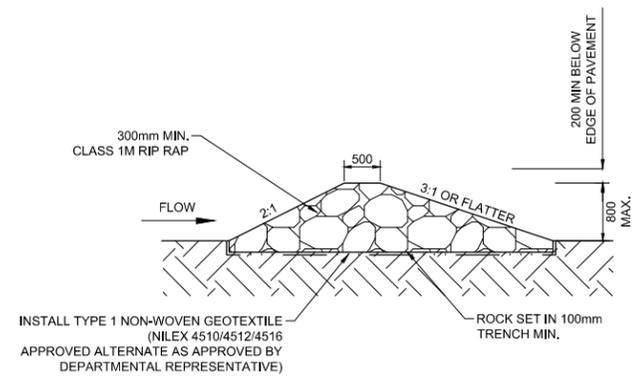
CLASS 1 RIP RAP (AT) OVER NON WOVEN GEOTEXTILE (NILEX 4510/4512/4516 OR EQUIVALENT AS APPROVED BY DEPARTMENTAL REPRESENTATIVE)

1 TREATMENT A - PLAN AND PROFILE
SCALE NTS



TYPE 1 NON WOVEN GEOTEXTILE (NILEX 4510/4512/4516 OR EQUIVALENT AS APPROVED BY DEPARTMENTAL REPRESENTATIVE)

PROFILE VIEW



INSTALL TYPE 1 NON-WOVEN GEOTEXTILE (NILEX 4510/4512/4516 APPROVED ALTERNATE AS APPROVED BY DEPARTMENTAL REPRESENTATIVE)

2 ROCK CHECK DAM
SCALE NTS

FILE: \\CGV\FSS\VOL1\PROJECTS\2511-00767-00_PARKS_CATEGORY_4.6_ROADS\BANFF\100_DRAWINGS_YRB_NORQUAY\WASHOUT\100_3_STAGE_200767-100-PLAN_QUANTITIES.DWG PLOTTED: 2022/02/18 2:37 PM

