



McElhanney

for / pour



**Parks Canada
Agency**

**L'Agence Parcs
Canada**

**ROAD CONSTRUCTION
km 189.8 TO km 200.56
HIGHWAY 93 NORTH – PAVEMENT REHABILITATION**

JASPER NATIONAL PARK, ALBERTA

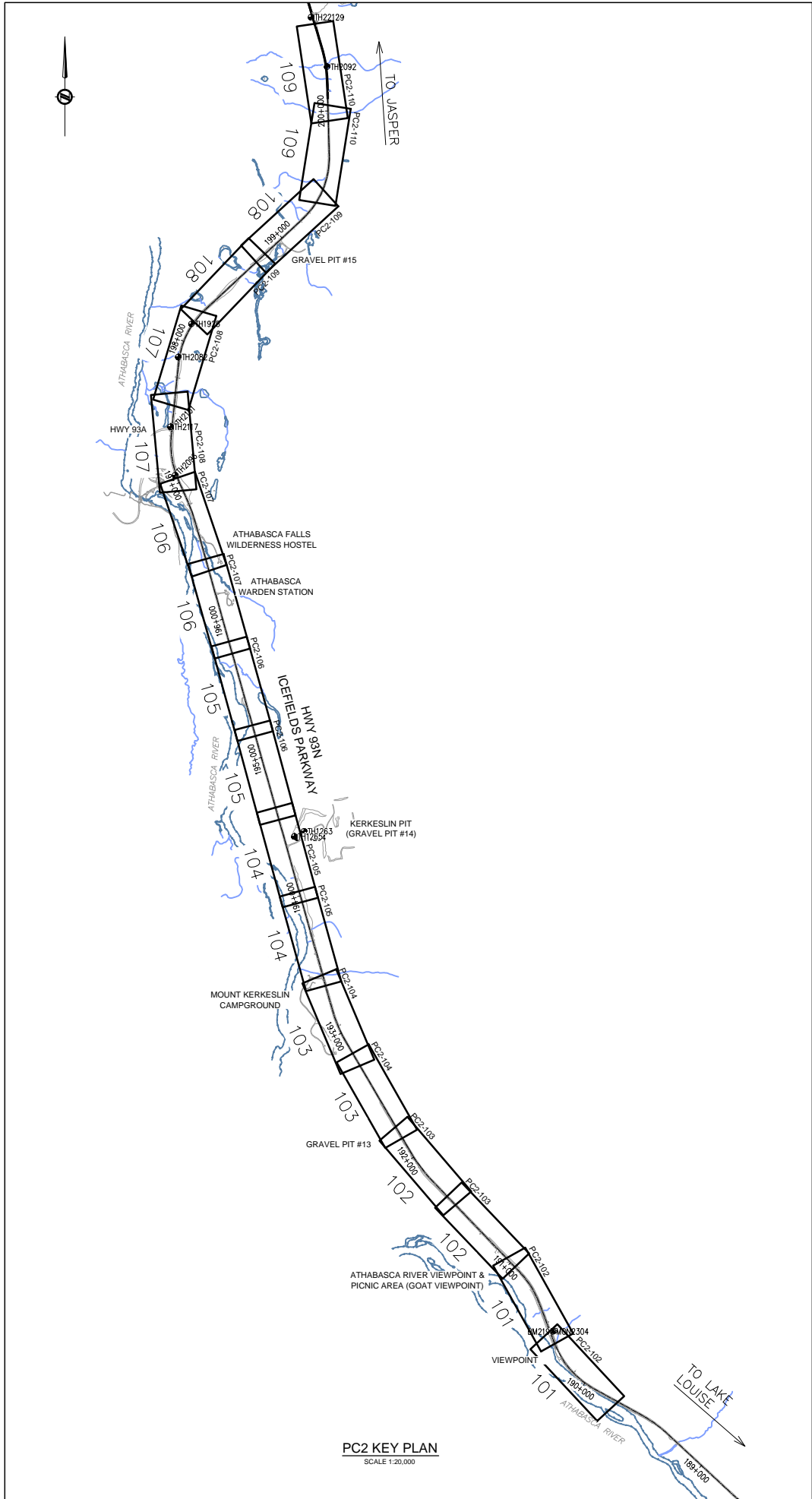
ISSUED FOR TENDER

NOT FOR CONSTRUCTION

PROJECT NO. 201538B

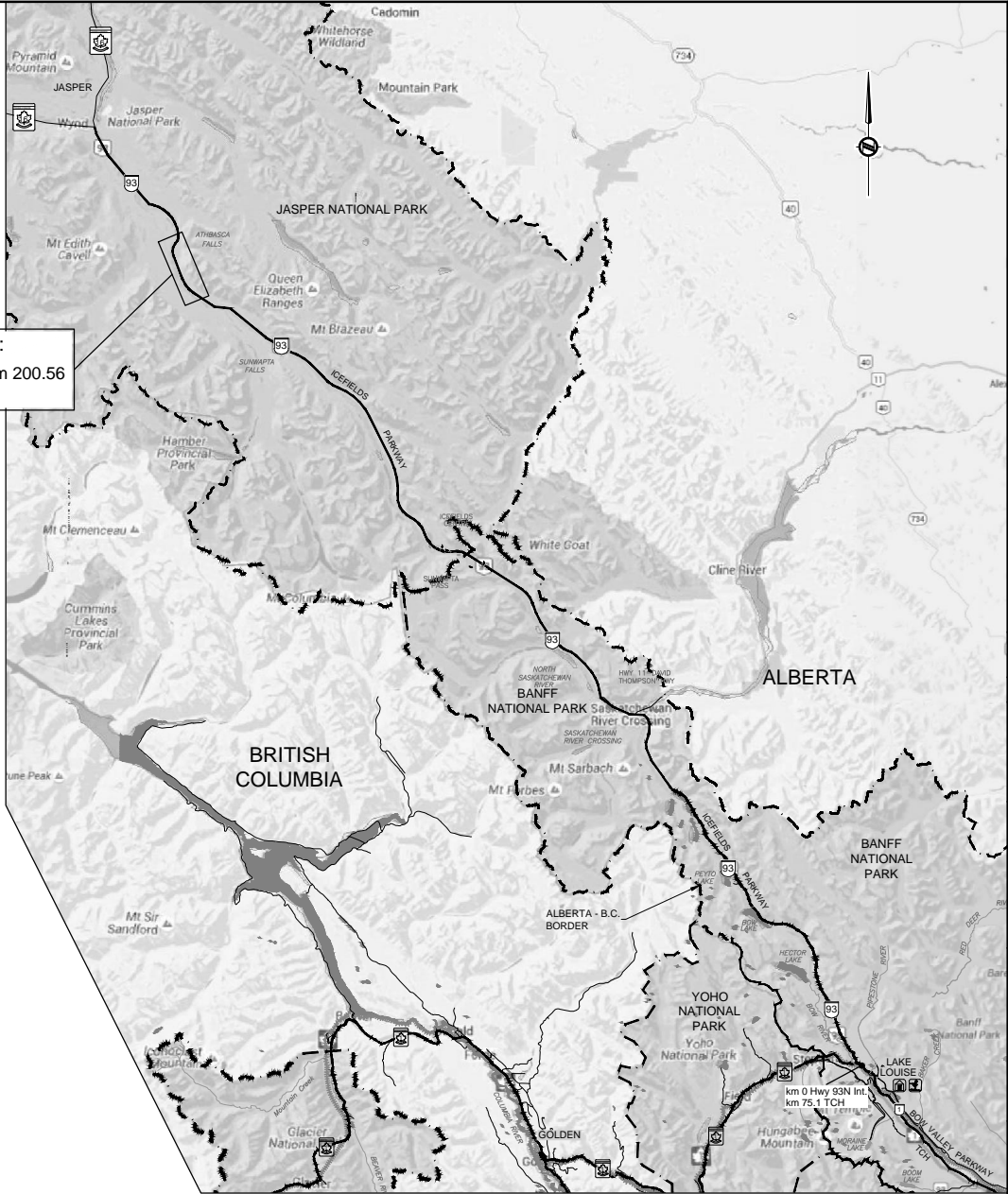
JULY 2016

00-G3-C01



SEGMENT PC2:

- Km 189.8 to Km 200.56 PAVING



LOCATION MAP
SCALE 1:600,000

DRAWING INDEX			
KM		SHEET No.	SHEET TITLE
	G1	C01	COVER SHEET
		C02	LOCATION MAP AND DRAWING INDEX
		C03	LEGEND
km110.0-120.48	PC1	101-110	PLANS
		301	TYPICAL SECTIONS & CONSTRUCTION DETAILS
		401-405	GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS

CONTROL REFERENCE					
POINT ID	NORTHING	EASTING	ORTH. ELEV.	CODE DESCRIPTION	COMBINED S.F.
1263	5833001.575	441312.480	1207.702	TH RTK	0.99945323
1264	5832957.343	441266.117	1207.455	TH RTK	0.99945334
1265	5832965.827	441244.150	1207.367	TH RTK	0.99945338
1925	5836535.490	440528.926	1221.323	TH	0.99945224
2082	5836304.507	440436.759	1214.533	TH (3215)	0.99945343
2089	5838669.644	441387.849	1250.758	TH (3241)	0.99944639
2092	5838326.711	441473.180	1233.064	TH (3254)	0.99944903
2096	5835481.034	440414.779	1188.240	TH (3262)	0.99945758
2101	5835821.948	440408.687	1194.570	TH (3272)	0.99945660
2117	5835818.470	440382.913	1193.719	TH (3353)	0.99945677
2195	5829517.540	443076.431	1219.027	BM FOUND (7082)	0.99944896
2212	5838672.141	441360.982	1249.431	TH (8547)	0.99944663
2304	5829517.840	443047.820	1218.903	MON 896031 PUBLISH (896031)	0.99944902

NOTE: COORDINATES SHOWN ARE IN UTM, ZONE 11, NAD 83 (CSRS).

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NOT FOR CONSTRUCTION

0	2016.07.29	ISSUED FOR TENDER	RD	NJ					
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé					
Revision / Revision									
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<div>B source drawing no. de dessin no.</div>		<div>B source drawing no. de dessin no.</div>							
<div>C detail on drawing no. détail sur dessin no.</div>		<div>C detail on drawing no. détail sur dessin no.</div>							
Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur						
Client/client									
Parks Canada Agency		L'Agence Parcs Canada							
Consultant's Name Nom de l'expert-conseil									
Project title/Titre du projet									
HIGHWAY 93 NORTH ICEFIELDS PARKWAY PAVEMENT REHABILITATION									
JASPER NATIONAL PARK									
Drawing title/Titre du dessin									
LOCATION MAP AND DRAWING INDEX									
Surveyed by/Arpenté par		Drawn by/Dessiné par RD		Date/Date 2016.07.29					
Designed by/Concept par RD		Reviewed by/Revisé par NJ		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/Agent Responsable Parcs Canada									
Parks Canada Project Manager/Administrateur de Projets Parcs Canada									
Project No./No. du projet 201538B		Asset No./No. du bien		Sheet No./ No. de la feuille C02					
Drawing Reference No./No. de référence du dessin 2121-00203-00-G1									

ALIGNMENT ABBREVIATIONS

BC – BEGINNING OF CURVE
EC – END OF CURVE
TS – TANGENT TO SPIRAL
SC – SPIRAL TO CURVE
CS – CURVE TO SPIRAL
ST – SPIRAL TO TANGENT
PCC – POINT OF COMPOUND CURVATURE
POT – POINT ON TANGENT
POC – POINT ON CURVE
POS – POINT ON SPIRAL
BVC – BEGINNING OF VERTICAL CURVE
EVC – END OF VERTICAL CURVE
PVI – POINT OF VERTICAL INTERSECTION
ELEV – ELEVATION
PI – POINT OF INTERSECTION
STA – STATION

MISCELLANEOUS ABBREVIATIONS

AT – ALBERTA TRANSPORTATION
BH – BORE HOLE
B.O.F. – BOTTOM OF FILL
BW – BACK OF SIDEWALK
CB – CATCH BASIN
C&G – CURB AND GUTTER
CDB – CONCRETE DRAINAGE BARRIER
CI – CULVERT INLET
C.I.P. – CAST IN PLACE CONCRETE
CO – CULVERT OUTLET
CULV – CULVERT
DES – DESIGN
EB – EASTBOUND
EOP – EDGE OF PAVEMENT
EX – EXISTING
INV. – INVERT
LOG – LIP OF GUTTER
LS – LIGHT STANDARD
LT – LEFT TURN
MH – MANHOLE
MoTI – BC MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
NB – NORTHBOUND
N.I.C. – NOT IN CONTRACT
PROP – PROPOSED
PP – POWER POLE
RT – RIGHT TURN
S – SANITARY
SB – SOUTHBOUND
ST – STORM
T.O.C. – TOP OF CUT
W – WATER
WB – WESTBOUND

LEGEND

ROAD CONSTRUCTION

EXISTING	DESCRIPTION	PROPOSED
	CONTROL POINT & ID	△ CTRL1455
	CONTROL MONUMENT & ID	● MON2757
	CONTROL BENCHMARK & ID	⋈ BM2738
	BORE HOLE & ID	⦿ 2015B–BH44
	TEST HOLE & ID	⦿ TH2756
	SURVEY GRID (NAD 83)	
	CONTROL LINE AND STATIONING	67+500
	ALIGNMENT GEOMETRY POINTS & STATIONING	T.S. 55+325.101
	DIRECTIONAL ARROW – HOLLOW	◀
	PAINTED ARROW – SOLID	➔
	EDGE OF WATER	
	TREE LINE	
	CANADIAN PACIFIC RAILWAY	
	GAURD RAIL C/W POSTS	
	EDGE OF GRAVEL ROAD	
	EDGE OF PAVEMENT	
	EDGE OF GRAVEL SHOULDER	
	SUBGRADE ELEVATION	
	ASPHALT OVERLAY (REFER TO TYPICAL SECTIONS FOR DEPTH)	
	PAVEMENT MILLING (REFER TO TYPICAL SECTIONS FOR DEPTH)	
	MILLED TIE IN (REFER TO DETAILS)	
	DRAINAGE ROAD SIDE DITCH	
	CULVERT	
	BRUSHING LINE	
	W-BEAM GUARDRAIL	
	CONCRETE BARRIER	
	GATE	
	POWER POLE	
	UNDERGROUND TEL & MANHOLE	
	POWER POLE WITH LIGHT	
	UTILITY POLE	
	ROAD SIGN (SINGLE POLE)	
	ROAD SIGN (MULTIPLE POLES)	
	ROAD SIGN (DOUBLESIDED)(SINGLE POLE)	
	ROAD SIGN (CANTILEVER)	
	DELINEATOR POLE	

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NOT FOR CONSTRUCTION

0	2016.07.29	ISSUED FOR TENDER	RD	NJ
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision

	A detail number numéro de détail	
	B source drawing no. de dessin no.	
	C detail on drawing no. détail sur dessin no.	

Consultant's Stamp Sceau de l'expert-conseil	Eng. Stamp Sceau de l'ingénieur
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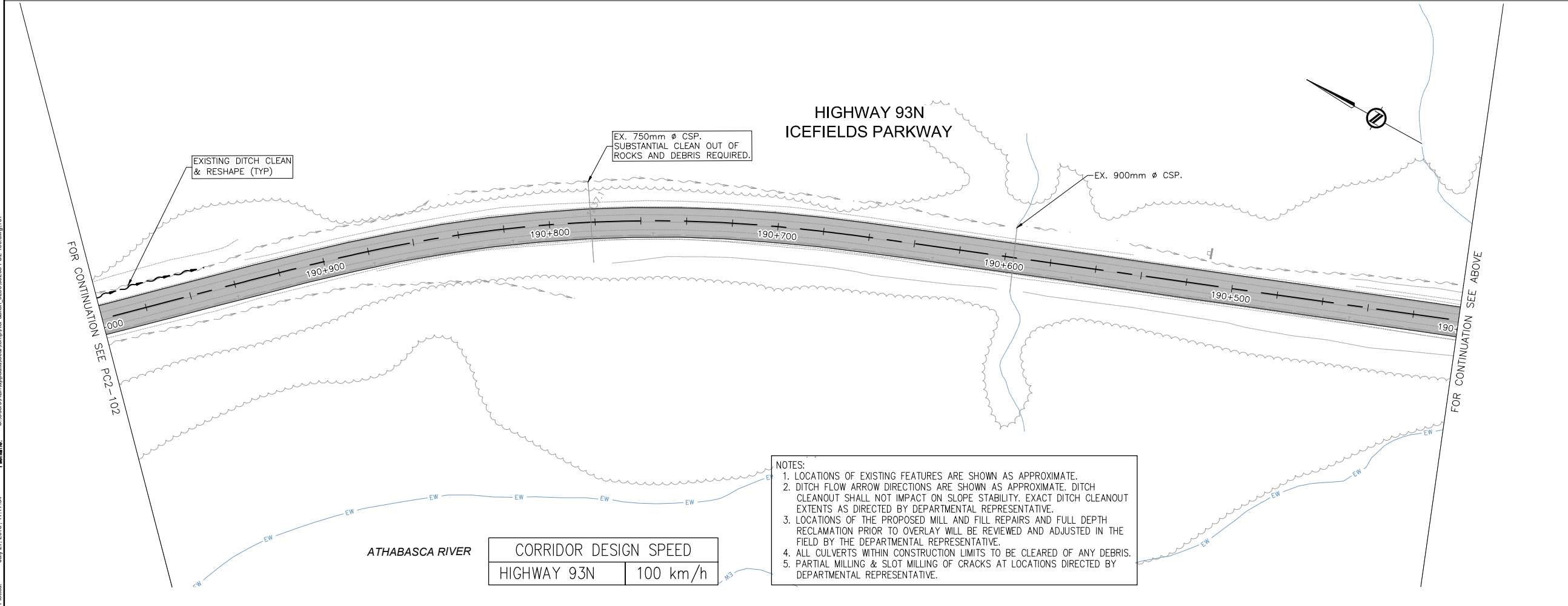
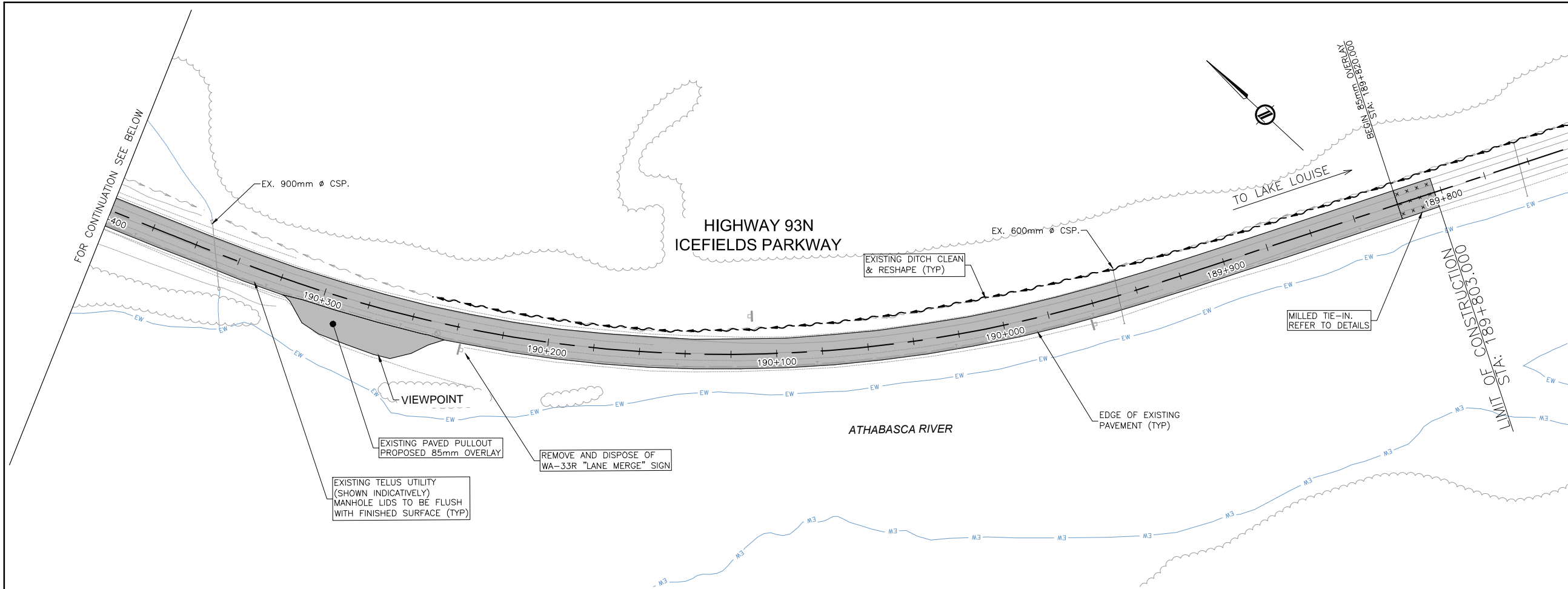
Client/client	Parks Canada Agence	L'Agence Parcs Canada
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Consultant's Name Nom de l'expert-conseil	
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Project title/Titre du projet	HIGHWAY 93 NORTH ICEFIELDS PARKWAY PAVEMENT REHABILITATION JASPER NATIONAL PARK
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Drawing title/Titre du dessin	LEGEND
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Surveyed by/Arpenté par	Drawn by/Dessiné par NWJ	Date/Date 2016.07.XX
Designed by/Concept par FD / PZ / JV	Reviewed by/Revisé par NJ	Scale/Echelle N/A
Parks Canada Project Manager/Administrateur de Projets Parcs Canada		
Client Acceptance/Acceptation du client	Approved by/Approuvé par	
Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
Project No./No. du projet 201538B	Asset No./No. du-bien	Sheet No./ No. de la feuille C03
Drawing Reference No./No. de référence du dessin 2121-00203-00-G1		



- NOTES:
1. LOCATIONS OF EXISTING FEATURES ARE SHOWN AS APPROXIMATE.
 2. DITCH FLOW ARROW DIRECTIONS ARE SHOWN AS APPROXIMATE. DITCH CLEANOUT SHALL NOT IMPACT ON SLOPE STABILITY. EXACT DITCH CLEANOUT EXTENTS AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
 3. LOCATIONS OF THE PROPOSED MILL AND FILL REPAIRS AND FULL DEPTH RECLAMATION PRIOR TO OVERLAY WILL BE REVIEWED AND ADJUSTED IN THE FIELD BY THE DEPARTMENTAL REPRESENTATIVE.
 4. ALL CULVERTS WITHIN CONSTRUCTION LIMITS TO BE CLEARED OF ANY DEBRIS.
 5. PARTIAL MILLING & SLOT MILLING OF CRACKS AT LOCATIONS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.

CORRIDOR DESIGN SPEED	
HIGHWAY 93N	100 km/h

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NOTES:

1. COORDINATES SHOWN ARE IN UTM 11-NAD 83 GRID.

NOT FOR CONSTRUCTION


0	2016.07.29	ISSUED FOR TENDER	RL	NJ
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A detail number numéro de détail		A		
B source drawing no. de dessin no.		B		
C detail on drawing no. détail sur dessin no.		C		
Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur	

Client/client

 Parks Canada
Agency

L'Agence Parcs
Canada

Consultant's Name
Nom de l'expert-conseil

 **McElhanney**

Project title/Titre du projet

**HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION**

JASPER NATIONAL PARK

Drawing title/Titre du dessin

PLAN

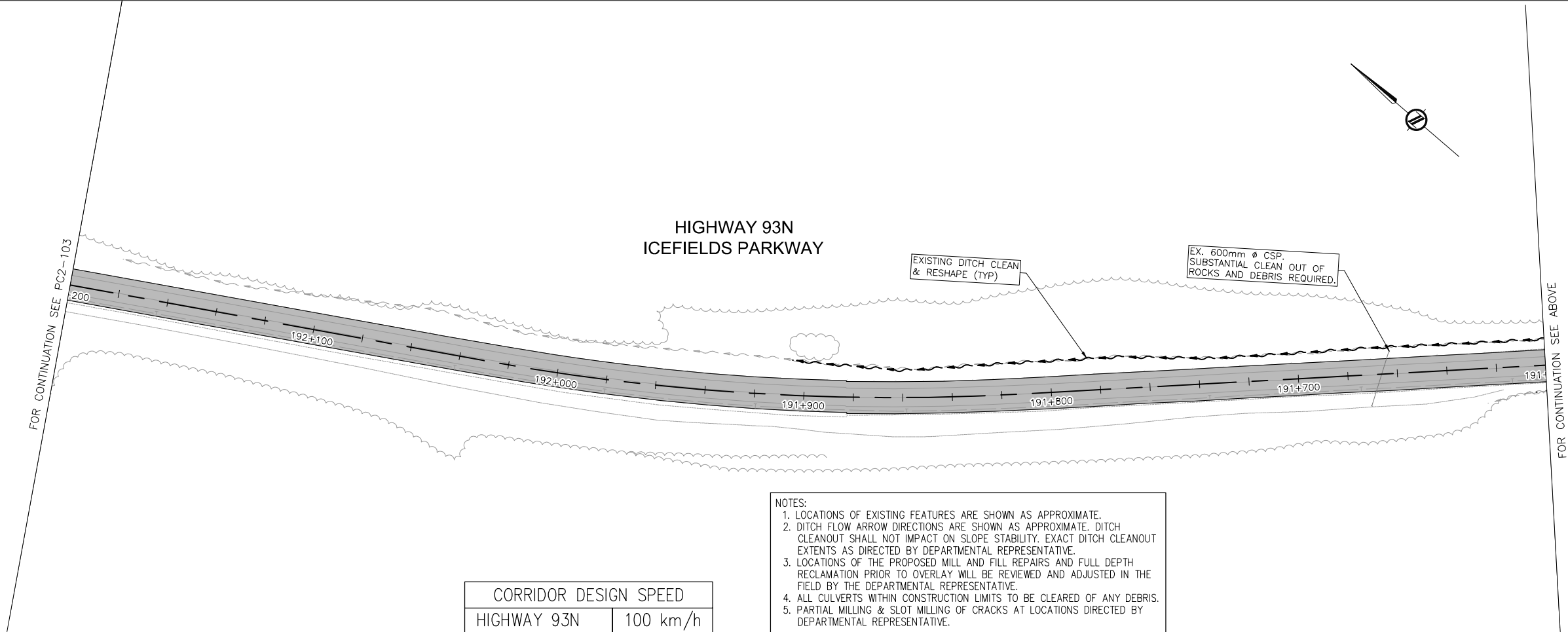
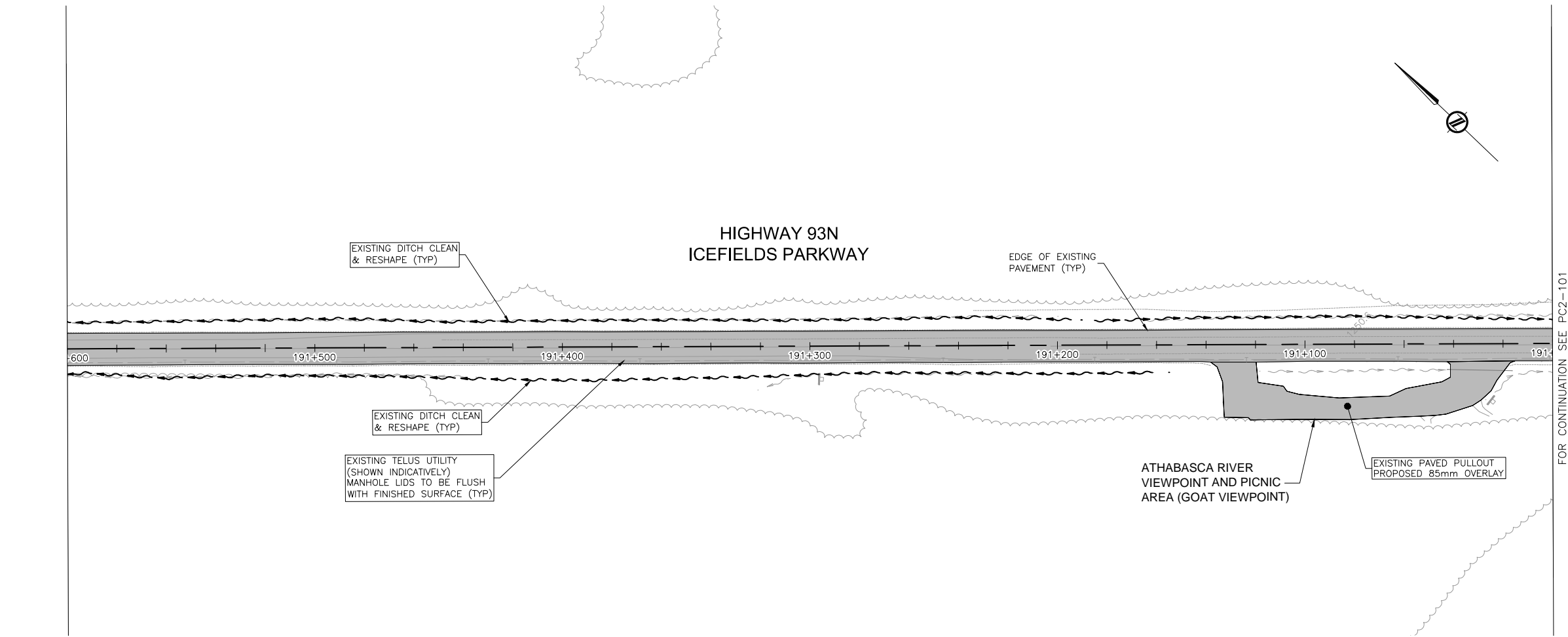
STA 189+803 - 191+000

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.07.29
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201538B		101
Drawing Reference No./No. de référence du dessin		
2121-00203-00-PC2		



CORRIDOR DESIGN SPEED	
HIGHWAY 93N	100 km/h

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0	2016.07.29	ISSUED FOR TENDER	RL	NJ
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
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B source drawing no. de dessin no.		B C		
C detail on drawing no. détail sur dessin no.				
Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur	

Client/client

Parks Canada Agency L'Agence Parcs Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION**

JASPER NATIONAL PARK

Drawing title/Titre du dessin

**PLAN
ATHABASCA RIVER VIEWPOINT &
PICNIC AREA (GOAT VIEWPOINT)
STA 191+000 - 192+200**

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.07.29
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

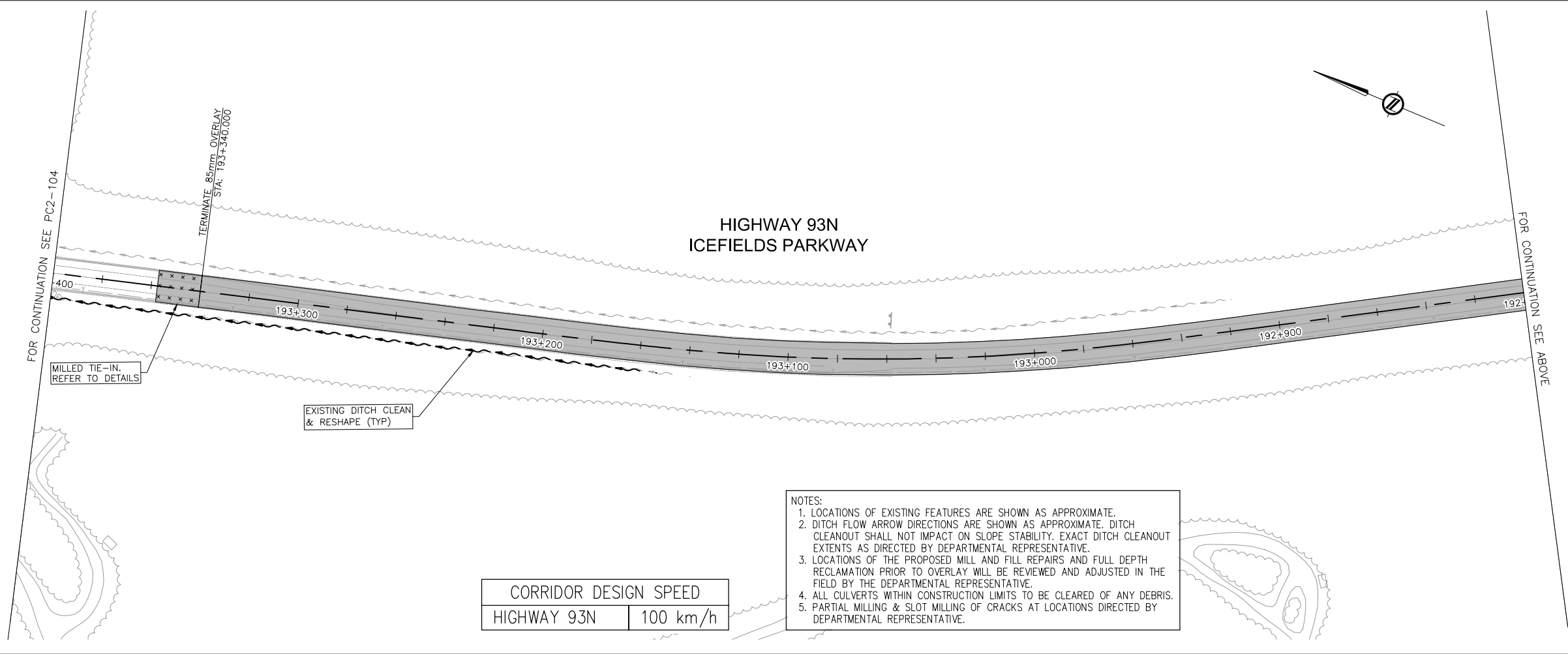
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Parks Canada Responsible Officer/Agent Responsable Parcs Canada Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201538B		102
Drawing Reference No./No. de référence du dessin		
2121-00203-00-PC2		

Plotted: July 27, 2016, 17:50:24 Filename: O:\Proj\2121-00203-00-PC2 - 93N Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\Contract 2 Paving_Jasper\10.3.1 Sheets\0203-PC2-100.dwg\103



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0	2016.07.29	ISSUED FOR TENDER	RL	NJ
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A detail number numéro de détail		A detail on drawing no. détail sur dessin no.		
B source drawing no. de dessin no.		B source drawing no. de dessin no.		
C detail on drawing no. détail sur dessin no.		C detail on drawing no. détail sur dessin no.		
Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur	

Client/client

Parks Canada Agency L'Agence Parcs Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION**

JASPER NATIONAL PARK

Drawing title/Titre du dessin

PLAN

STA 192+200 - 193+400

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.07.29
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

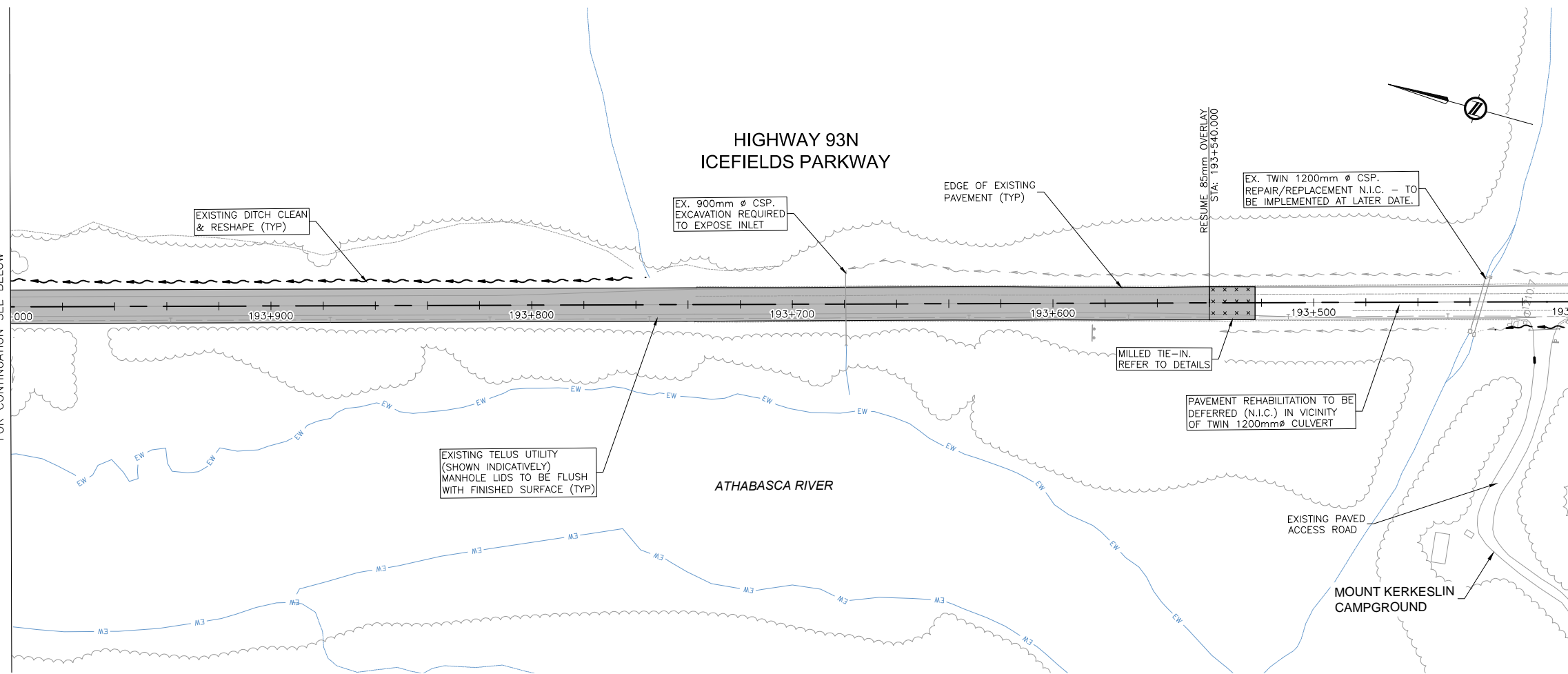
Client Acceptance/Acceptation du client	Approved by/Approuvé par

Parks Canada Responsible Officer/Agenc Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201538B		103
Drawing Reference No./No. de référence du dessin		
2121-00203-00-PC2		

Filename: O:\Proj\2121-00203-00-PC2-100.dwg 10.3.1 Sheets\0203-PC2-100.dwg 104
Plotted: July 27, 2016, 17:56:38

FOR CONTINUATION SEE BELOW

FOR CONTINUATION SEE PC2-103



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

Client/client	
 Parks Canada Agence	L'Agence Parcs Canada

Consultant's Name Nom de l'expert-conseil
 McElhannay

Project title/Titre du projet
HIGHWAY 93 NORTH ICEFIELDS PARKWAY PAVEMENT REHABILITATION
JASPER NATIONAL PARK

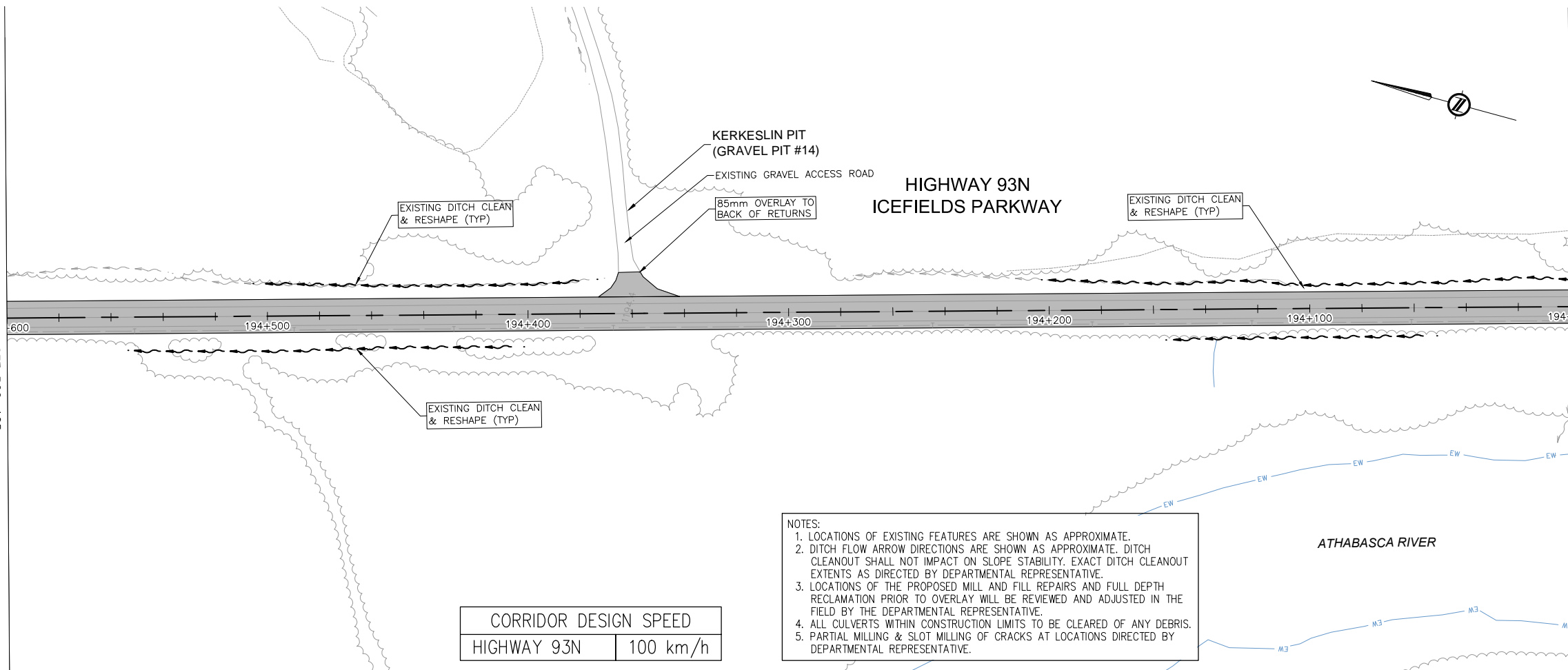
Drawing title/Titre du dessin
PLAN KERKESLIN PIT (GRAVEL PIT #14) STA 193+400 - 194+600

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.07.29
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada		
Client Acceptance/Acceptation du client		Approved by/Approuvé par
Parks Canada Responsible Officer/Agnt Responsable Parcs Canada		Parks Canada Project Manager/Administrateur de Projets Parcs Canada
Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201538B		104
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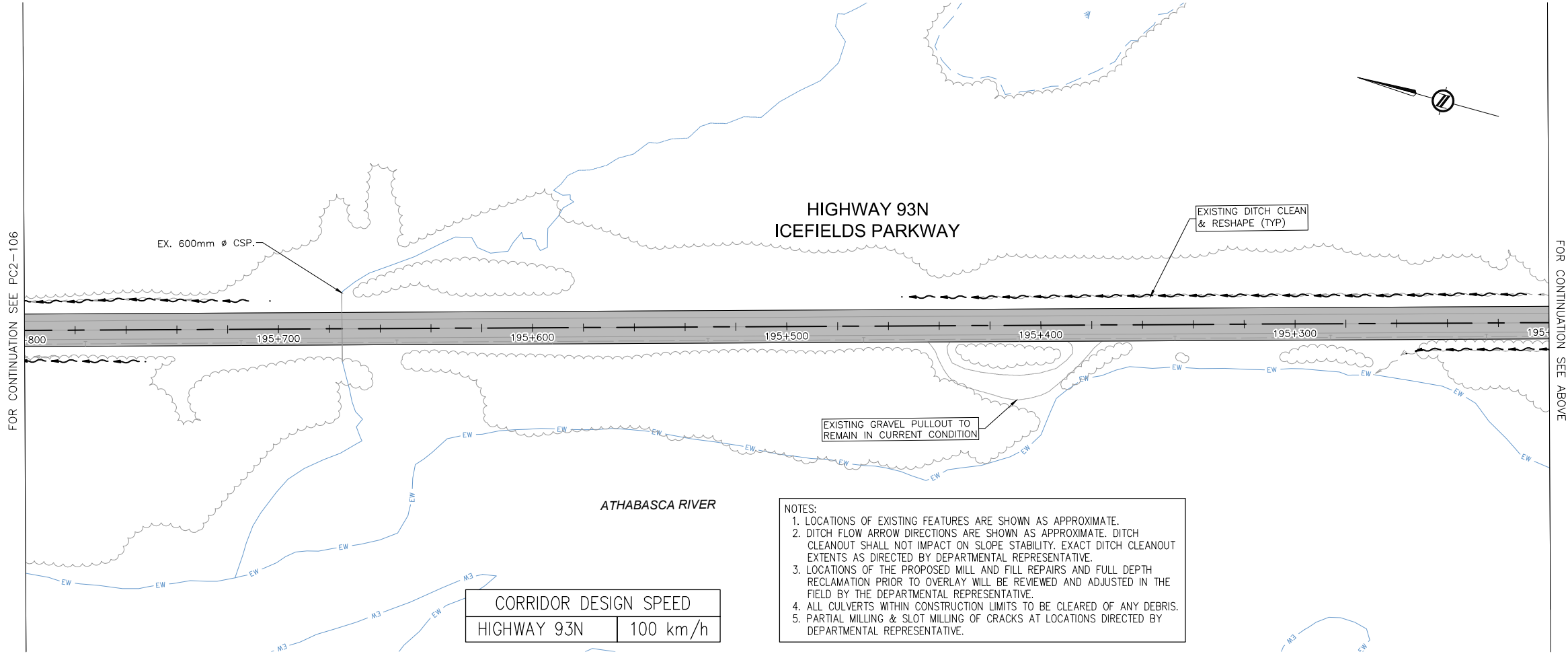
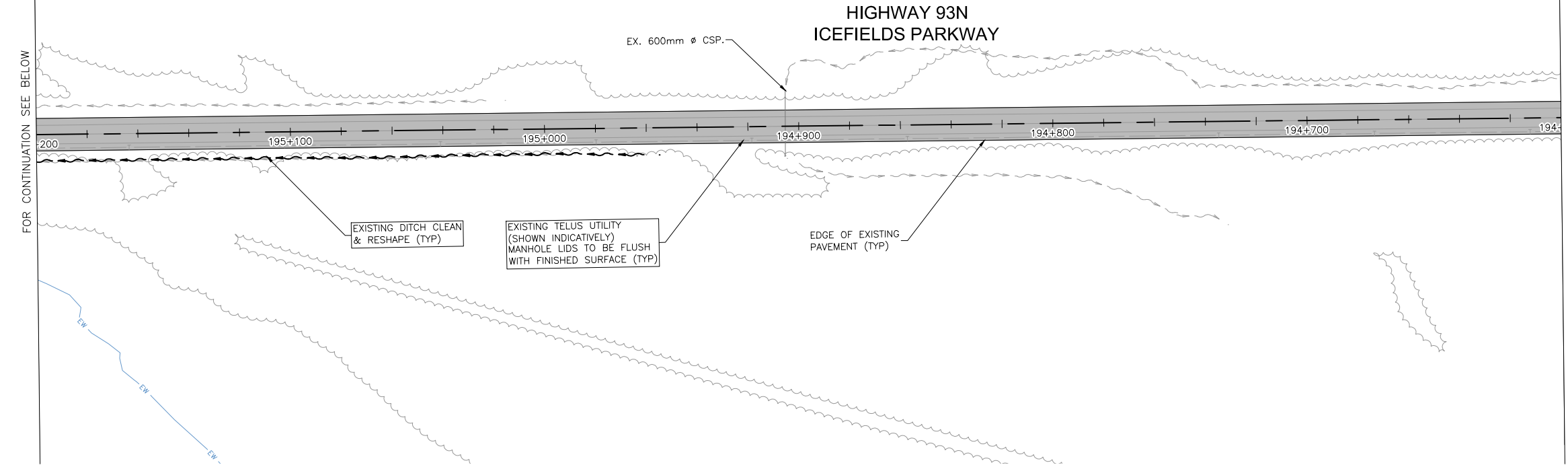
FOR CONTINUATION SEE PC2-105

FOR CONTINUATION SEE ABOVE



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CORRIDOR DESIGN SPEED	
HIGHWAY 93N	100 km/h



NOTES:

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2. DITCH FLOW ARROW DIRECTIONS ARE SHOWN AS APPROXIMATE. DITCH CLEANOUT SHALL NOT IMPACT ON SLOPE STABILITY. EXACT DITCH CLEANOUT EXTENTS AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
3. LOCATIONS OF THE PROPOSED MILL AND FILL REPAIRS AND FULL DEPTH RECLAMATION PRIOR TO OVERLAY WILL BE REVIEWED AND ADJUSTED IN THE FIELD BY THE DEPARTMENTAL REPRESENTATIVE.
4. ALL CULVERTS WITHIN CONSTRUCTION LIMITS TO BE CLEARED OF ANY DEBRIS.
5. PARTIAL MILLING & SLOT MILLING OF CRACKS AT LOCATIONS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.

CORRIDOR DESIGN SPEED
HIGHWAY 93N 100 km/h

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NOTES:
1. COORDINATES SHOWN ARE IN UTM 11-NAD 83 GRID.

NOT FOR CONSTRUCTION

0	2016.07.29	ISSUED FOR TENDER	RL	NJ
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A detail number numéro de détail		A detail on drawing no. détail sur dessin no.		
B source drawing no. de dessin no.		B source drawing no. de dessin no.		
C detail on drawing no. détail sur dessin no.		C detail on drawing no. détail sur dessin no.		

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

Parks Canada Agency L'Agence Parcs Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION**

JASPER NATIONAL PARK

Drawing title/Titre du dessin

PLAN

STA 194+600 - 195+800

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.07.29
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

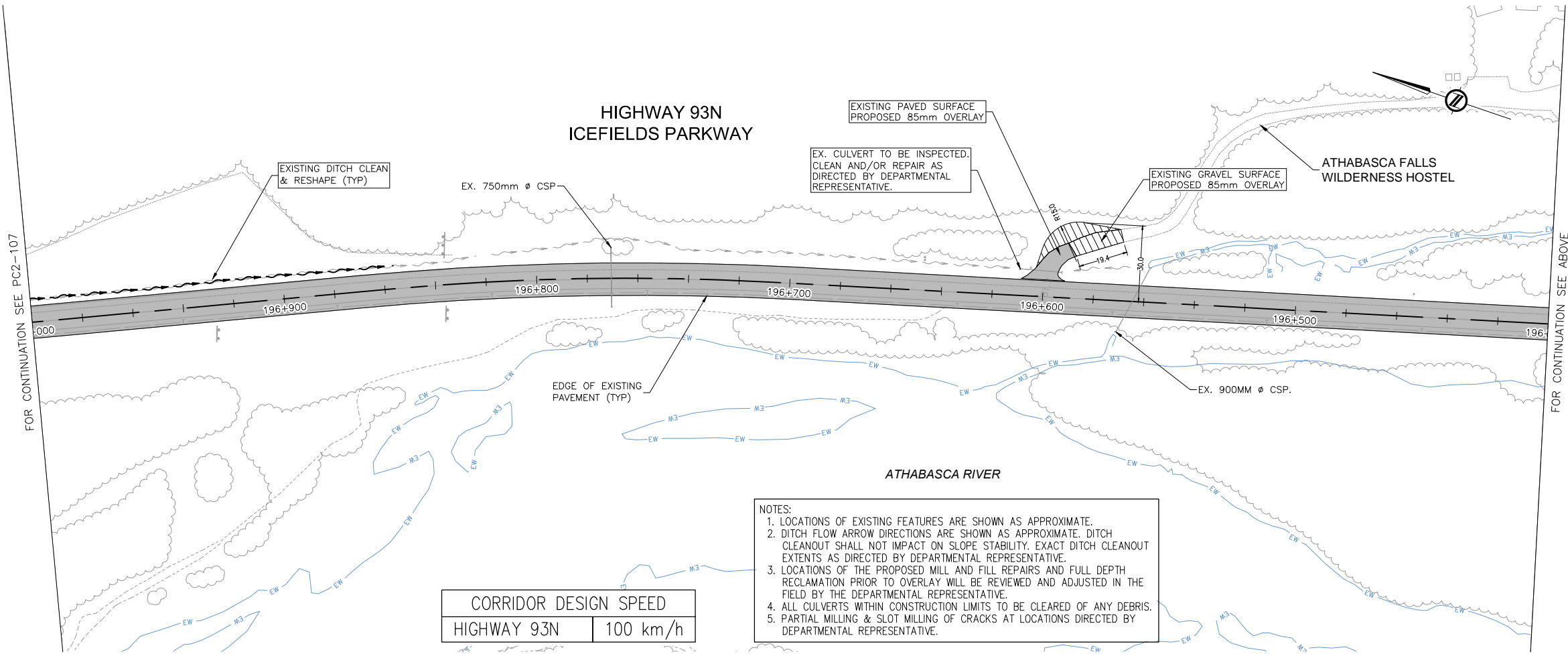
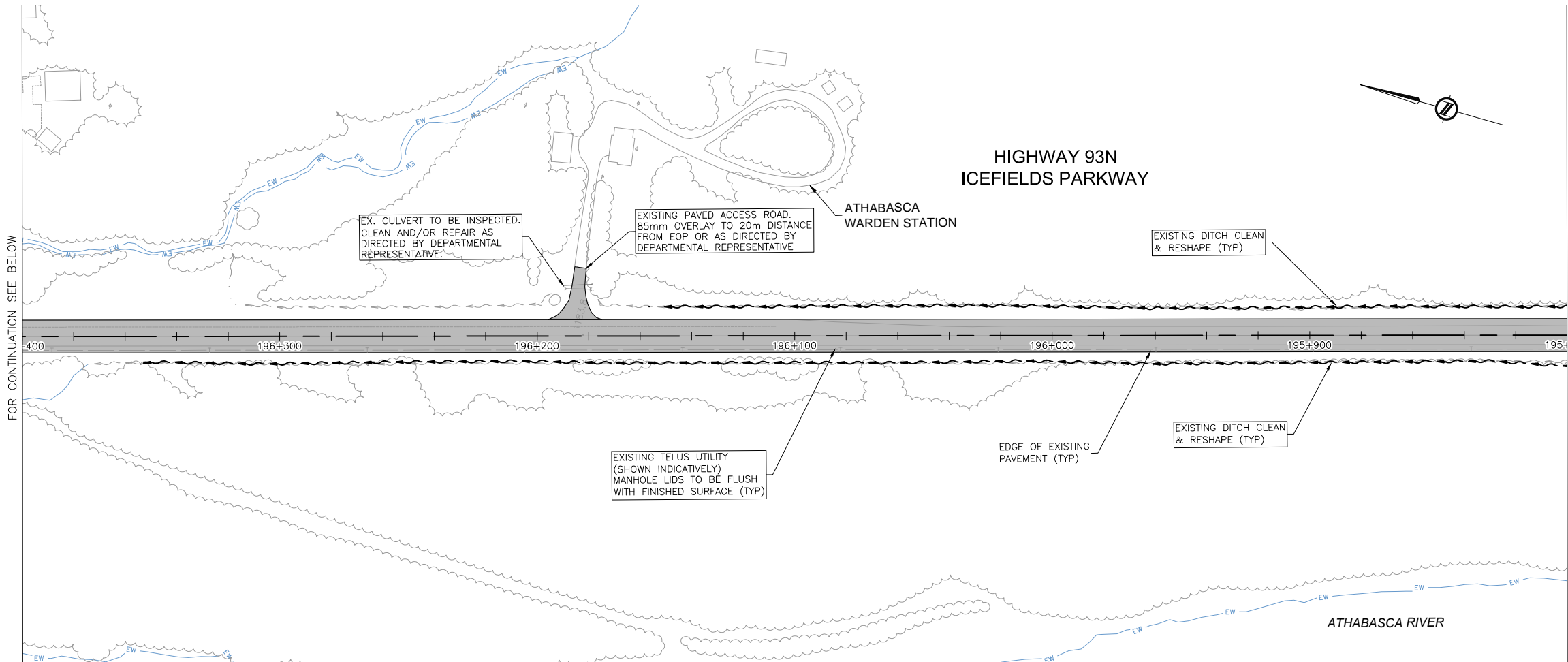
Client Acceptance/Acceptation du client	Approved by/Approuvé par
<p>Parks Canada Responsible Officer/Agpt Responsable Parcs Canada</p>	<p>Parks Canada Project Manager/Administrateur de Projets Parcs Canada</p>

Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
201538B		105

Drawing Reference No./No. de référence du dessin

2121-00203-00-PC2

Filename: O:\Proj\2121-00203-00-PC2 - 93N Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\Contract 2 Paving_Jasper\10.3.1 Sheets\0203-PC2-100.dwg; 1.08
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NOTES:

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0	2016.07.29	ISSUED FOR TENDER	RL	NJ
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision

A detail number
numéro de détail

B source drawing no.
de dessin no.

C detail on drawing no.
détail sur dessin no.

A
B
C

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client



Parks Canada
Agence

L'Agence Parcs
Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION

JASPER NATIONAL PARK

Drawing title/Titre du dessin

PLAN
ATHABASCA WARDEN STATION &
ATHABASCA FALLS WILDERNESS HOSTEL
STA 195+800 - 197+000

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
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Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
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RD	NJ	1:1000
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Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
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201538B

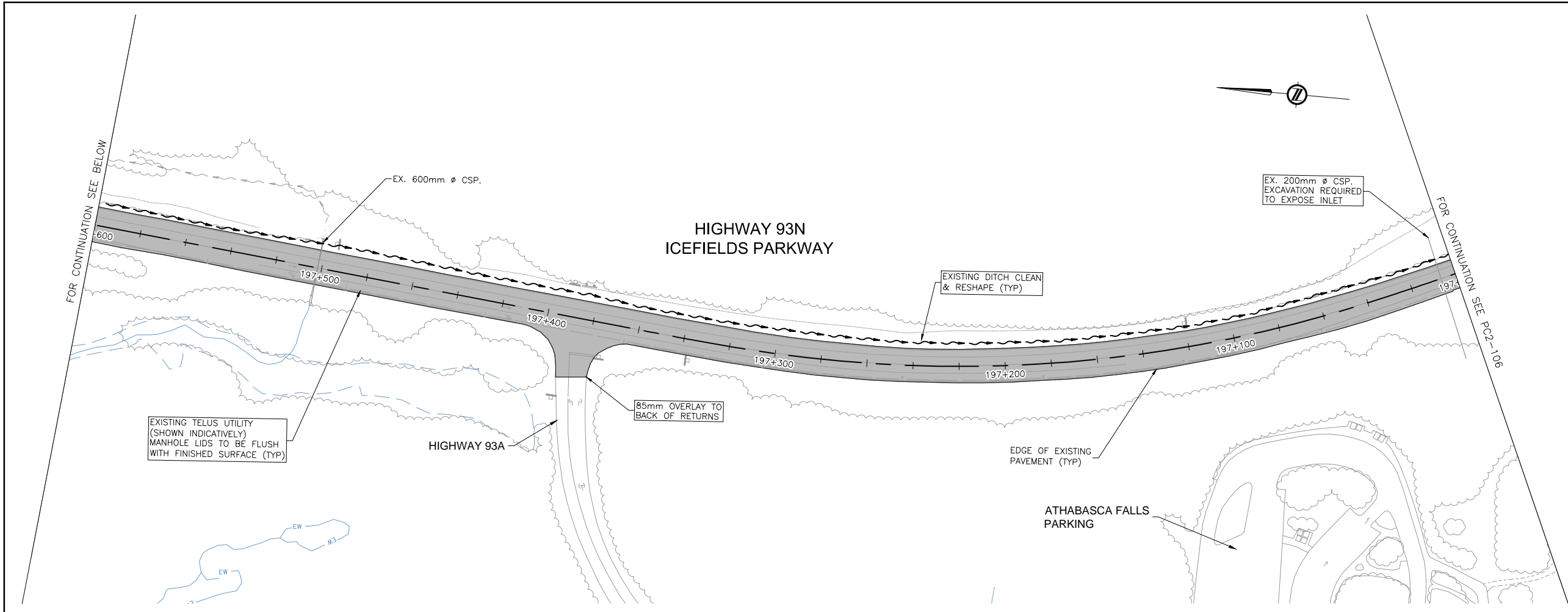
No. de la feuille

106

Drawing Reference No./No. de référence du dessin

2121-00203-00-PC2

Plotted: July 27, 2016, 17:25:09 Filename: C:\Users\RL\appdata\local\temp\AsP\JdJdJd 929610203-PC2-100.dwg\1.07



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NOTES:
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Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur	

Client/client

Parks Canada Agency

L'Agence Parcs Canada

Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet

HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION

JASPER NATIONAL PARK

Drawing title/Titre du dessin

PLAN
HIGHWAY 93A JUNCTION

STA 197+000 - 198+200

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.07.29
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Parcs Canada Responsible Officer/Agent Responsable Parcs Canada

Parcs Canada Project Manager/Administrateur de Projets Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201538B		107

Drawing Reference No./No. de référence du dessin

2121-00203-00-PC2

FOR CONTINUATION SEE BELOW

FOR CONTINUATION SEE PC2-107

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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision

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C

A detail number
numéro de détail
B source drawing no.
de dessin no.
C detail on drawing no.
détail sur dessin no.

A
B
C

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client



Parks Canada
Agence

L'Agence Parcs
Canada

Consultant's Name
Nom de l'expert-conseil



Project title/Titre du projet

HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION

JASPER NATIONAL PARK

Drawing title/Titre du dessin

PLAN

STA 198+200 - 199+400

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.07.29
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Project No./No. du projet

201538B

Asset No./No. du bien

Sheet No./No. de la feuille

108

Drawing Reference No./No. de référence du dessin
2121-00203-00-PC2

HIGHWAY 93N ICEFIELDS PARKWAY

EXISTING DITCH CLEAN
& RESHAPE (TYP)

EX. 1200mm \varnothing CSP.
SUBSTANTIAL CLEANING REQUIRED TO
IMPROVE FLOW THROUGH CULVERT

EXISTING TELUS UTILITY
(SHOWN INDICATIVELY)
MANHOLE LIDS TO BE FLUSH
WITH FINISHED SURFACE (TYP)

EDGE OF EXISTING
PAVEMENT (TYP)

GRAVEL PIT #15

HIGHWAY 93N ICEFIELDS PARKWAY

85mm OVERLAY TO EXTENT
OF EXISTING PAVED AREA

EX. 1200mm \varnothing CSP.
EX. 3000mm \varnothing CSP.
EX. 1200mm \varnothing CSP.

EXISTING DITCH CLEAN
& RESHAPE (TYP)

EDGE OF EXISTING
PAVEMENT (TYP)

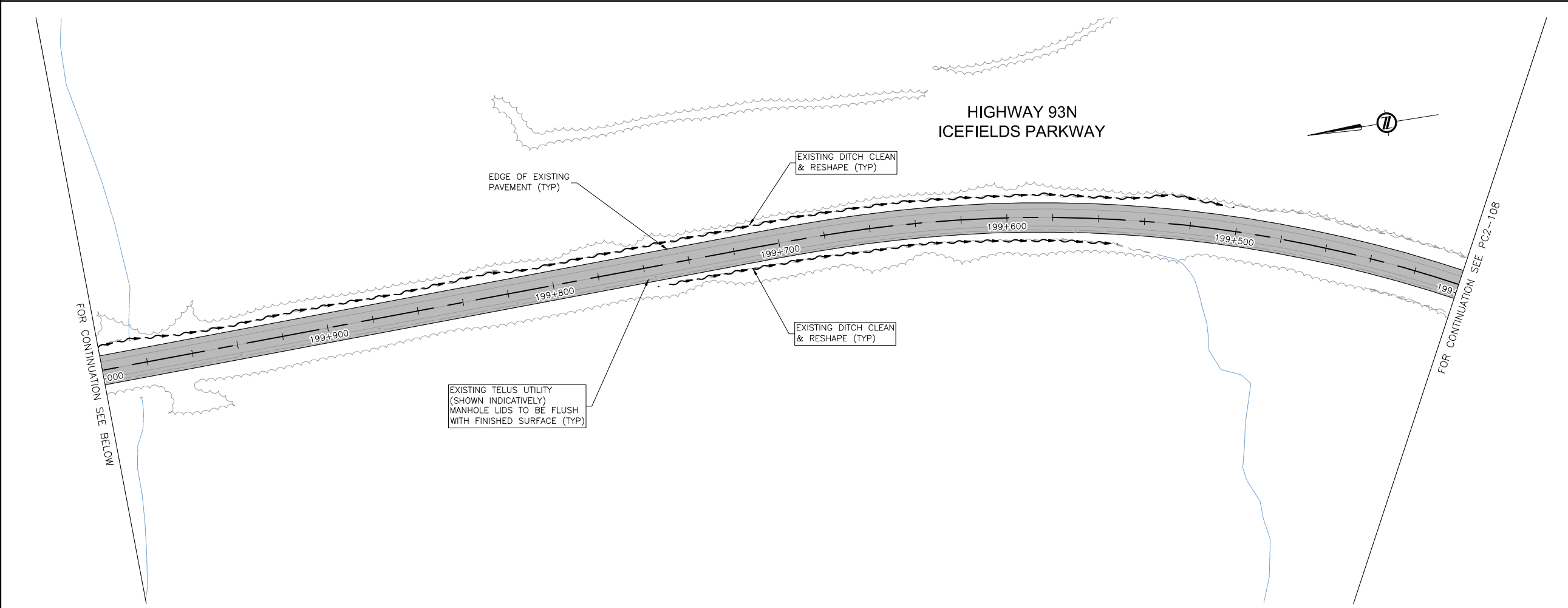
NOTES:

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CORRIDOR DESIGN SPEED

HIGHWAY 93N 100 km/h

Plotted: July 27, 2016, 18:05:16 Filename: O:\Proj\2121-00203-00-PC2 - 93N Rehab and Safety\10.0 DRAWINGS\10.3 Engineering\Contract 2 Paving_Jasper\10.3.1 Sheets\0203-PC2-100.dwg\108



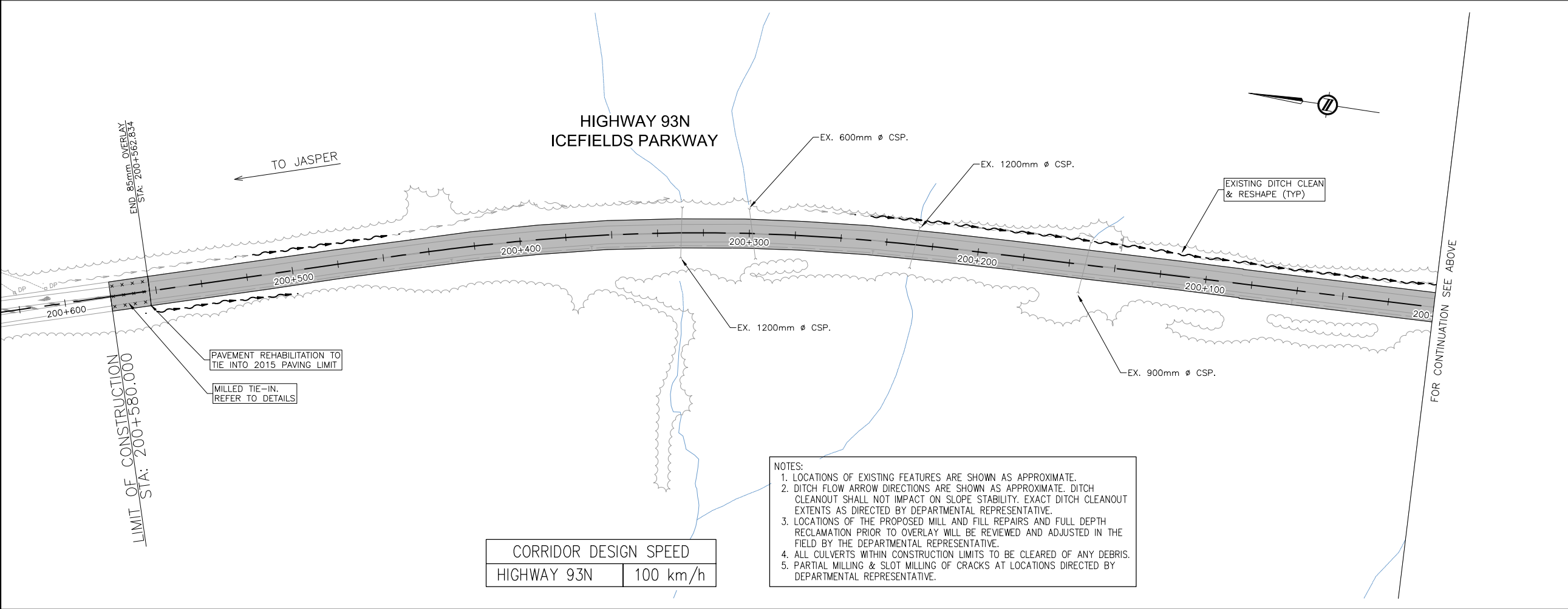
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NOTES:
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NOT FOR CONSTRUCTION

0	2016.07.29	ISSUED FOR TENDER	RL	NJ
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
<div>A C</div>		<div>A B C</div>		
Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur	



Client/client

Parks Canada
Agence

L'Agence Parcs
Canada

Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet

HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION
JASPER NATIONAL PARK

Drawing title/Titre du dessin

PLAN

STA 199+400 - 200+580

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	RL	2016.07.29
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

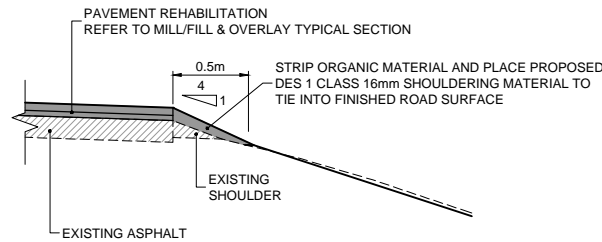
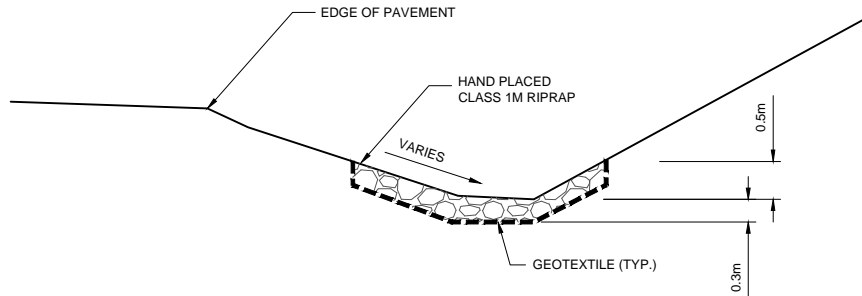
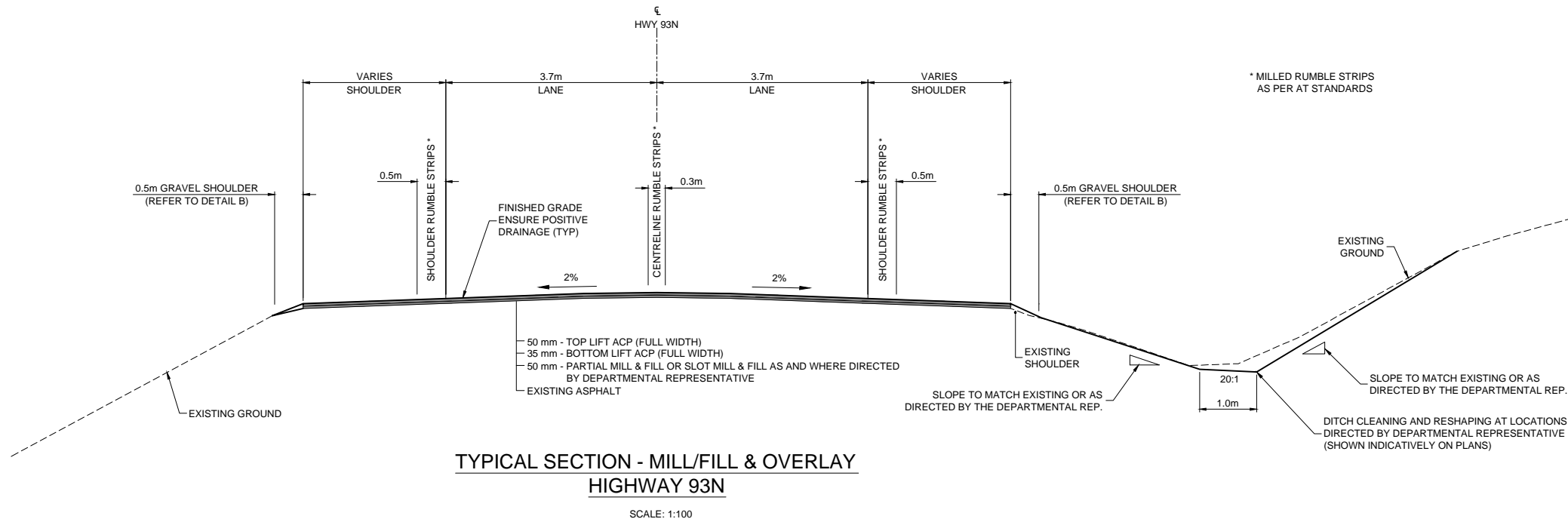
Client Acceptance/Acceptation du client	Approved by/Approuvé par
<div>Parks Canada Responsible Officer/Agpt Responsable Parcs Canada</div>	<div>Parks Canada Project Manager/Administrateur de Projets Parcs Canada</div>

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201538B		109

Drawing Reference No./No. de référence du dessin

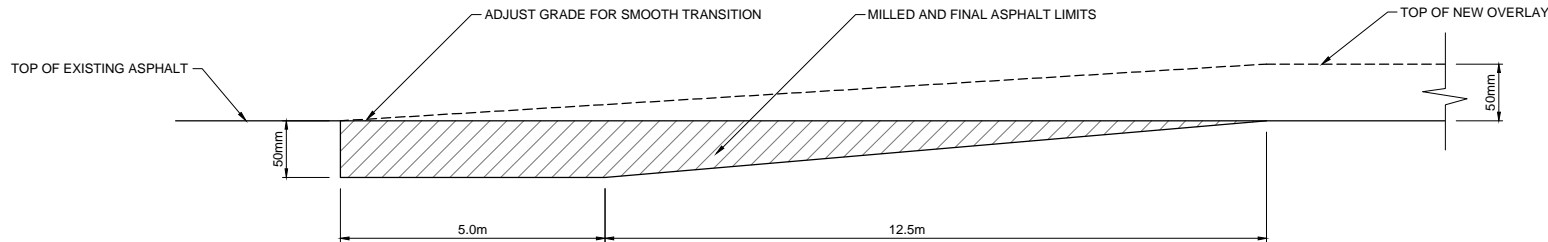
2121-00203-00-PC2

Filename: O:\Proj\2121-00203-00-PC2 - 93N Rehab and Safety\10.0 Drawings\10.3 Engineering\Contract 2 Paving_Jasper\10.3.1 Sheets\0203-PC2-300.dwg(301
Plotted: July 27, 2016 - 18:11:37



DETAIL A: RIPRAP DITCH PROTECTION DETAIL (IF REQUIRED)
SCALE: 1:100

DETAIL B: PROPOSED SHOULDER
SCALE: 1:50



DETAIL C: TYPICAL MILLED TIE-IN TO EXISTING ASPHALT
(LONGITUDINAL DETAIL)
NTS

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GENERAL NOTES:
ADJUST MANHOLE LIDS AS REQUIRED AND AS DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE.
CATCH BASIN (IF APPLICABLE) GRATES SHALL TYPICALLY BE SET 50mm BELOW FINISHED PAVEMENT GRADES.

NOT FOR CONSTRUCTION

0	2016.07.29	ISSUED FOR TENDER	RL	NJ
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
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Revision / Revision

A
C

A detail number
numéro de détail
B source drawing no.
de dessin no.
C detail on drawing no.
détail sur dessin no.

A
B
C

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client



Parks Canada
Agence

L'Agence Parcs
Canada

Consultant's Name
Nom de l'expert-conseil



McElhanney

Project title/Titre du projet

HIGHWAY 93 NORTH
ICEFILEDS PARKWAY
PAVEMENT REHABILITATION

JASPER NATIONAL PARK

Drawing title/Titre du dessin

TYPICAL SECTION & DETAILS

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	RL	2016.07.27

Designed by/Conçue par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	AS SHOWN

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

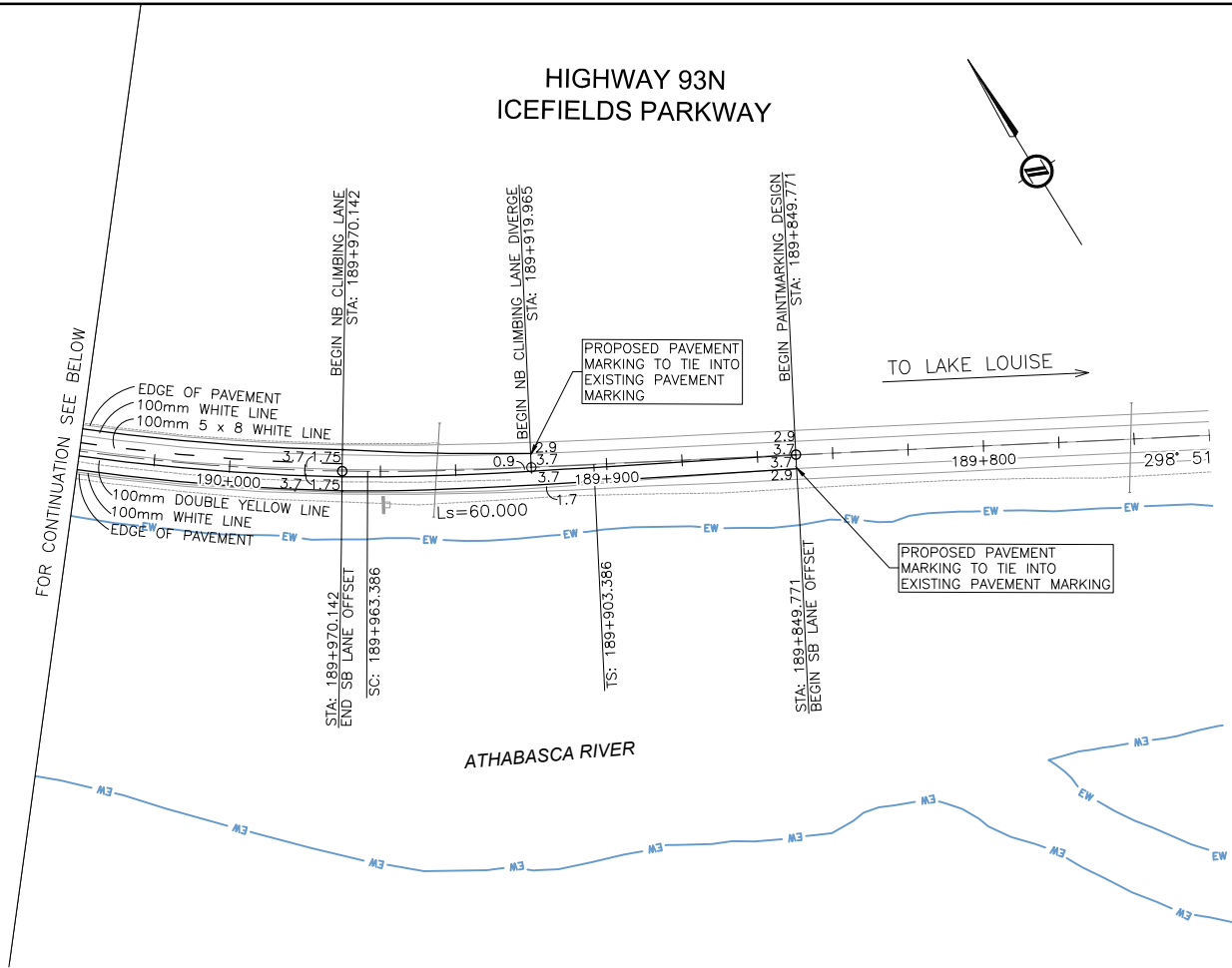
Client Acceptance/Acceptation du client	Approved by/Approuvé par
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Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
201538B		301

Drawing Reference No./No. de référence du dessin
2121-00203-00-PC2

Plotted: July 27, 2016, 17:47:02 Filename: C:\Users\RDorrell\MyAppdata\local\temp\AcPublish\94286\00203-PC2-400.dwg\401



NOTES:
1. LOCATIONS OF EXISTING FEATURES ARE SHOWN AS APPROXIMATE.
2. WHERE EXISTING PAVEMENT MARKINGS AND EDGE OF PAVEMENT ARE BASED ON ORTHOPHOTO TAKE-OFF,
a) CONTROL LINE TO BE CHECKED AND APPROVED BY DEPARTMENTAL REPRESENTATIVE PRIOR TO NEW PAVEMENT MARKING LAYOUT, AND;
b) SHOULDER WIDTHS TO BE AS ANNOTATED, UNLESS DIRECTED OTHERWISE BY DEPARTMENTAL REPRESENTATIVE.

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NOTES:
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0	2016.07.29	ISSUED FOR TENDER	RL	NJ
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A detail number numéro de détail		A detail on drawing no. détail sur dessin no.		
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Consultant's Stamp Sceau de l'expert-conseil		Eng. Stamp Sceau de l'ingénieur		

Client/client

Parks Canada Agency

L'Agence Parcs Canada

Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet

HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION
JASPER NATIONAL PARK

Drawing title/Titre du dessin

GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
STA 189+460 - 190+640

Surveyed by/Arpenté par

Drawn by/Dessiné par

Date/Date

Designed by/Concept par

Reviewed by/Revisé par

Scale/Echelle

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Project No./No. du projet

Asset No./No. du-bien

Sheet No./No. de la feuille

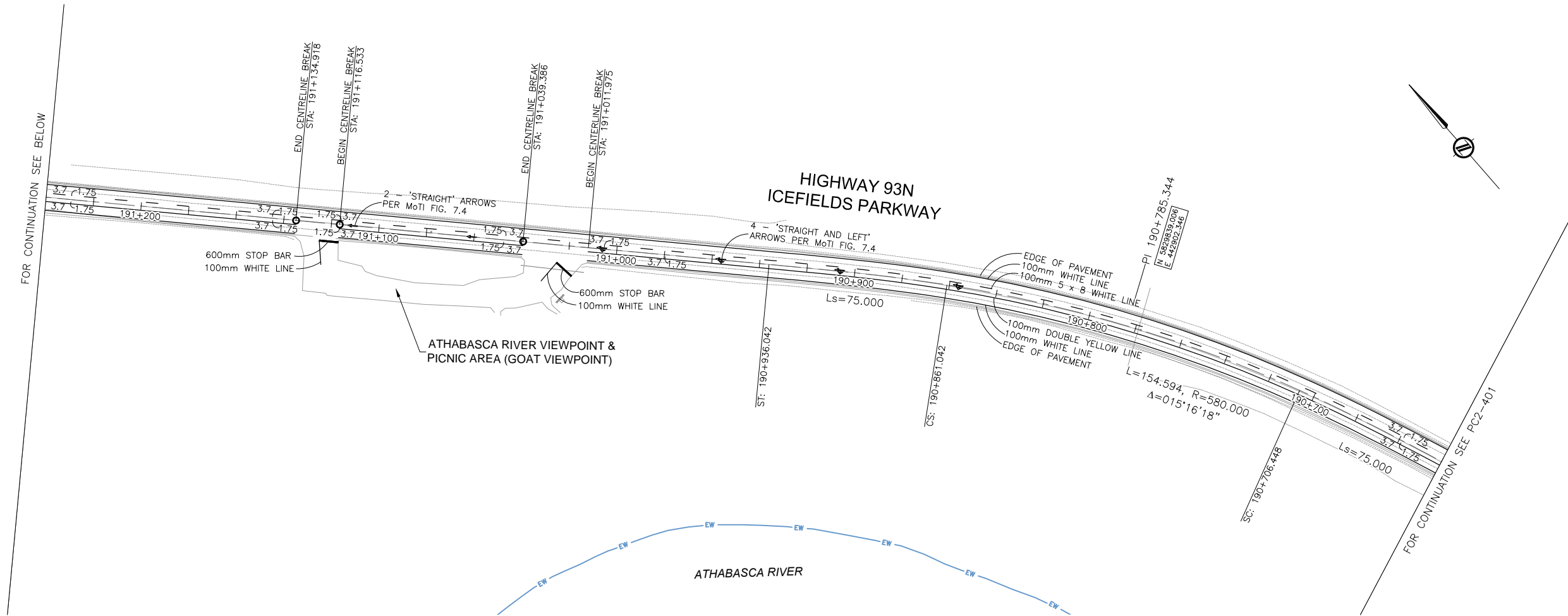
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201538B

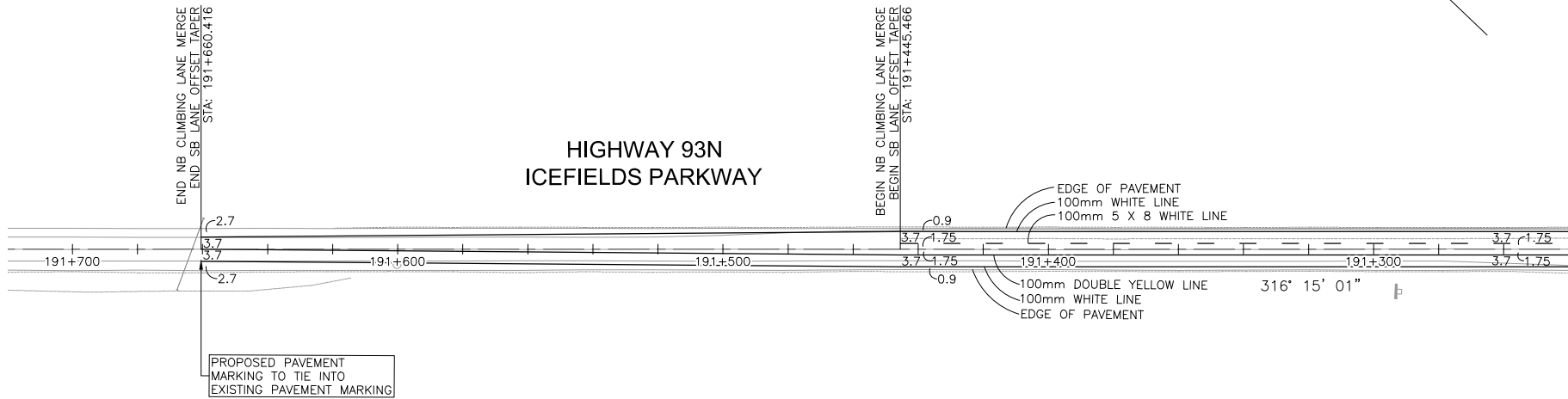
2121-00203-00

401 of -

CORRIDOR DESIGN SPEED	
HIGHWAY 93N	100 km/h



CORRIDOR DESIGN SPEED	
HIGHWAY 93N	100 km/h



- NOTES:
- LOCATIONS OF EXISTING FEATURES ARE SHOWN AS APPROXIMATE.
 - WHERE EXISTING PAVEMENT MARKINGS AND EDGE OF PAVEMENT ARE BASED ON ORTHOPHOTO TAKE-OFF,
 - CONTROL LINE TO BE CHECKED AND APPROVED BY DEPARTMENTAL REPRESENTATIVE PRIOR TO NEW PAVEMENT MARKING LAYOUT, AND;
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Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client



Parks Canada
Agence

L'Agence Parcs
Canada

Consultant's Name
Nom de l'expert-conseil



McElhanney

Project title/Titre du projet

HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION

JASPER NATIONAL PARK

Drawing title/Titre du dessin

GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
ATHABASCA RIVER VIEWPOINT
STA 190+640 - 191+880

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	TE	2016.07.13
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client

Approved by/Approuvé par

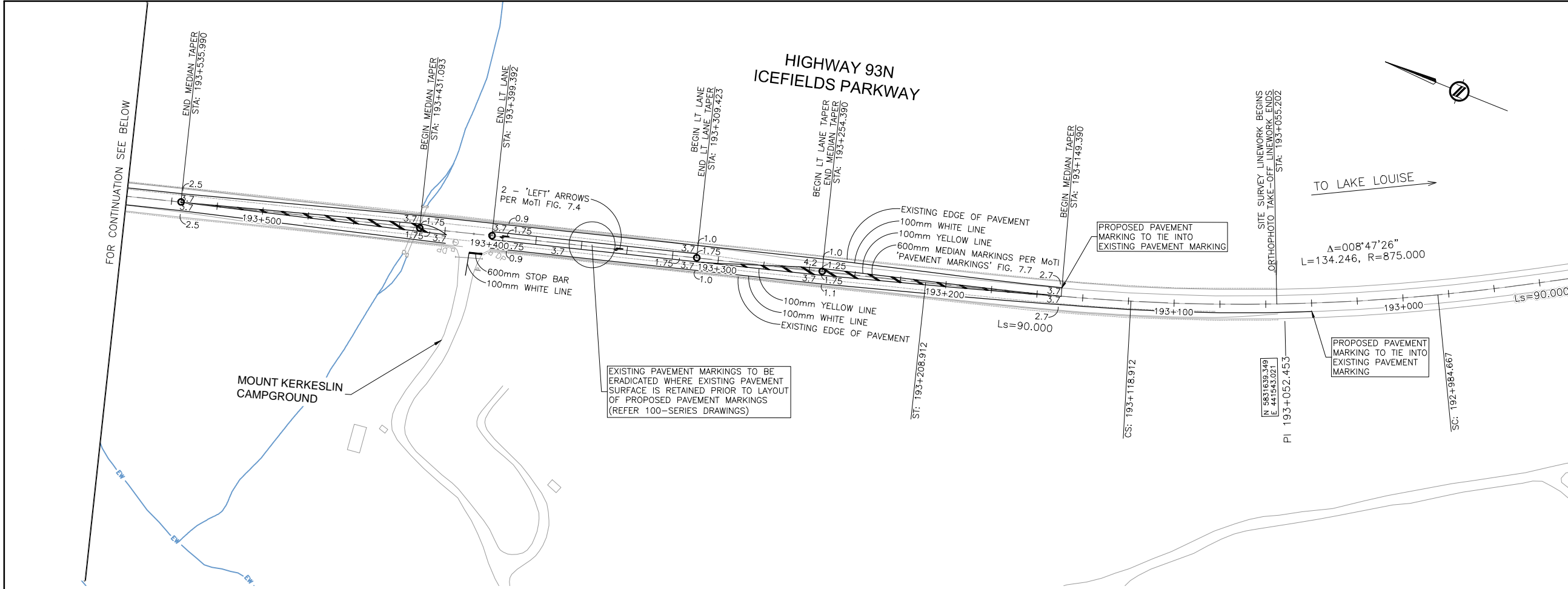
Parks Canada Responsible Officer/Agent Responsable Parcs Canada

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Project No./No. du projet	Asset No./No. du bien	Sheet No./No. de la feuille
2015388		402

Drawing Reference No./No. de référence du dessin
2121-00203-00

of -



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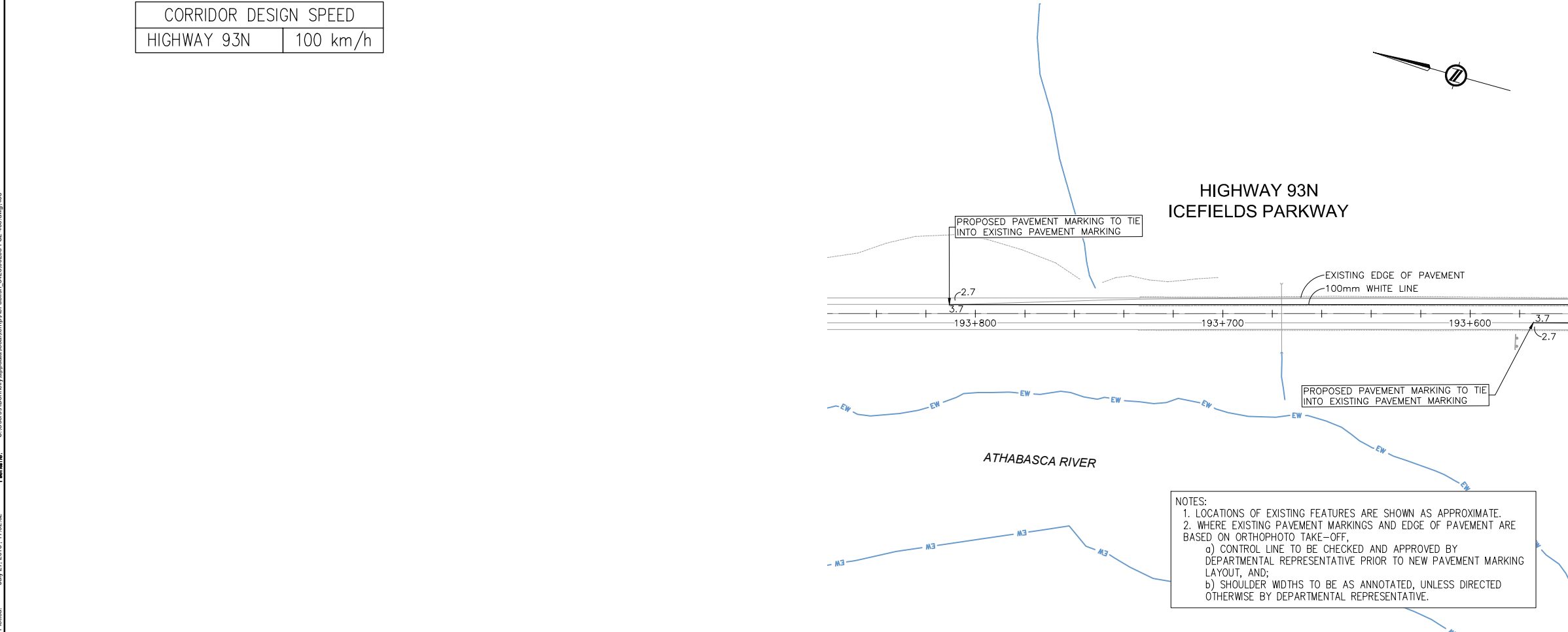
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NOTES:
1. COORDINATES SHOWN ARE IN UTM 11-NAD 83 GRID.

NOT FOR CONSTRUCTION

0	2016.07.29	ISSUED FOR TENDER	RL	NJ
No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
Revision / Revision				
A detail number numéro de détail		A		
B source drawing no. de dessin no.		B C		
C detail on drawing no. détail sur dessin no.				
Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur	

CORRIDOR DESIGN SPEED	
HIGHWAY 93N	100 km/h



Client/client

Parks Canada
Agence

L'Agence Parcs
Canada

Consultant's Name
Nom de l'expert-conseil

Project title/Titre du projet

HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION

JASPER NATIONAL PARK

Drawing title/Titre du dessin

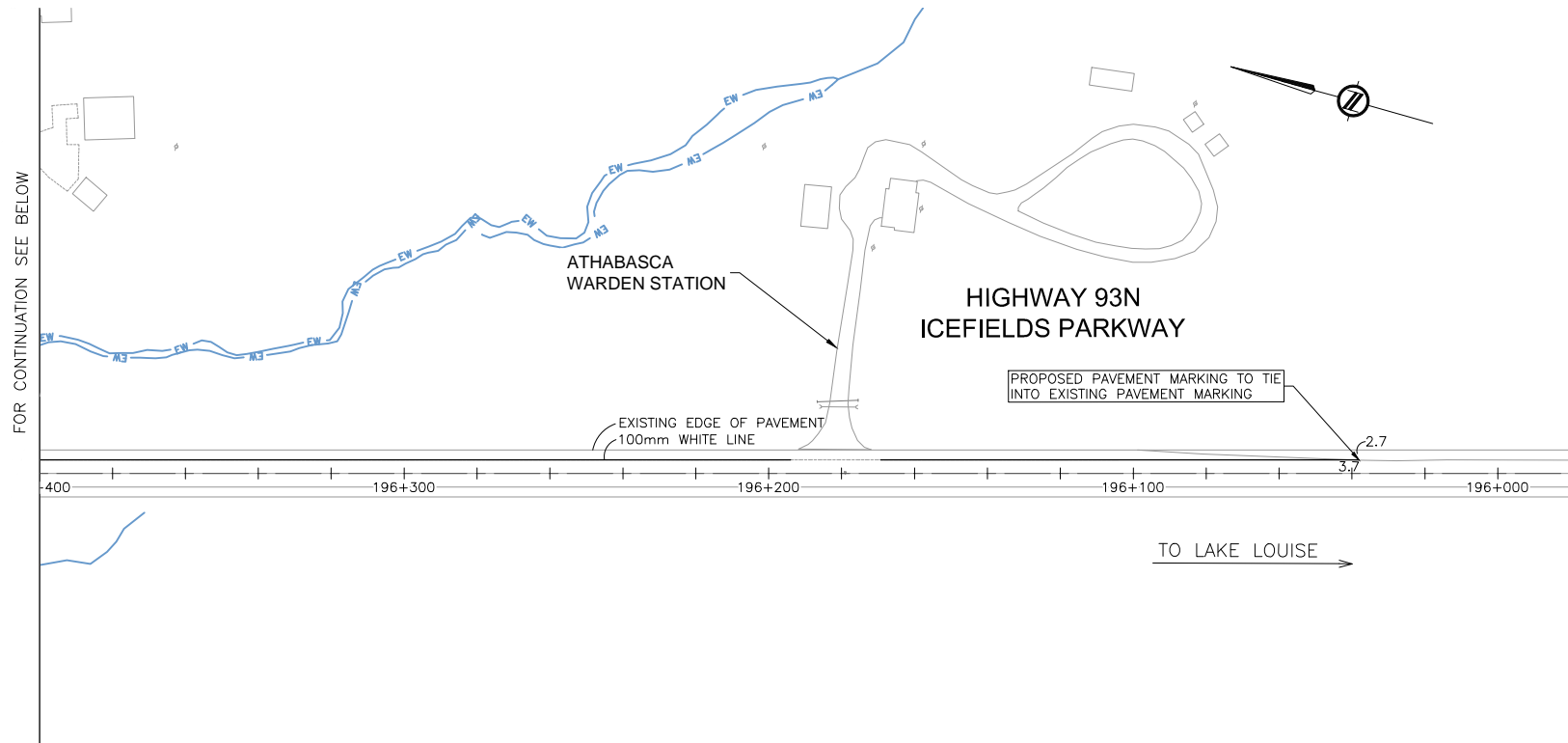
GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
MT KERKESLIN CAMPGROUND
STA 192+940 - 194+180

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	TE	2016.07.13
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada	
Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201538B		403
Drawing Reference No./No. de référence du dessin		of _
2121-00203-00		



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0	2016.07.29	ISSUED FOR TENDER	RL	NJ
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No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé

Revision / Revision

A
C

A : detail number
numéro de détail
B : source drawing no.
de dessin no.
C : detail on drawing no.
détail sur dessin no.

A
B
C

Consultant's Stamp
Sceau de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Client/client

Parks Canada
Agency

L'Agence Parcs
Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION**

JASPER NATIONAL PARK

Drawing title/Titre du dessin

**GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
ATHABASCA WARDEN STATION & WILDERNESS HOSTEL
STA 195+760 - 197+000**

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	TE	2016.07.13

Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

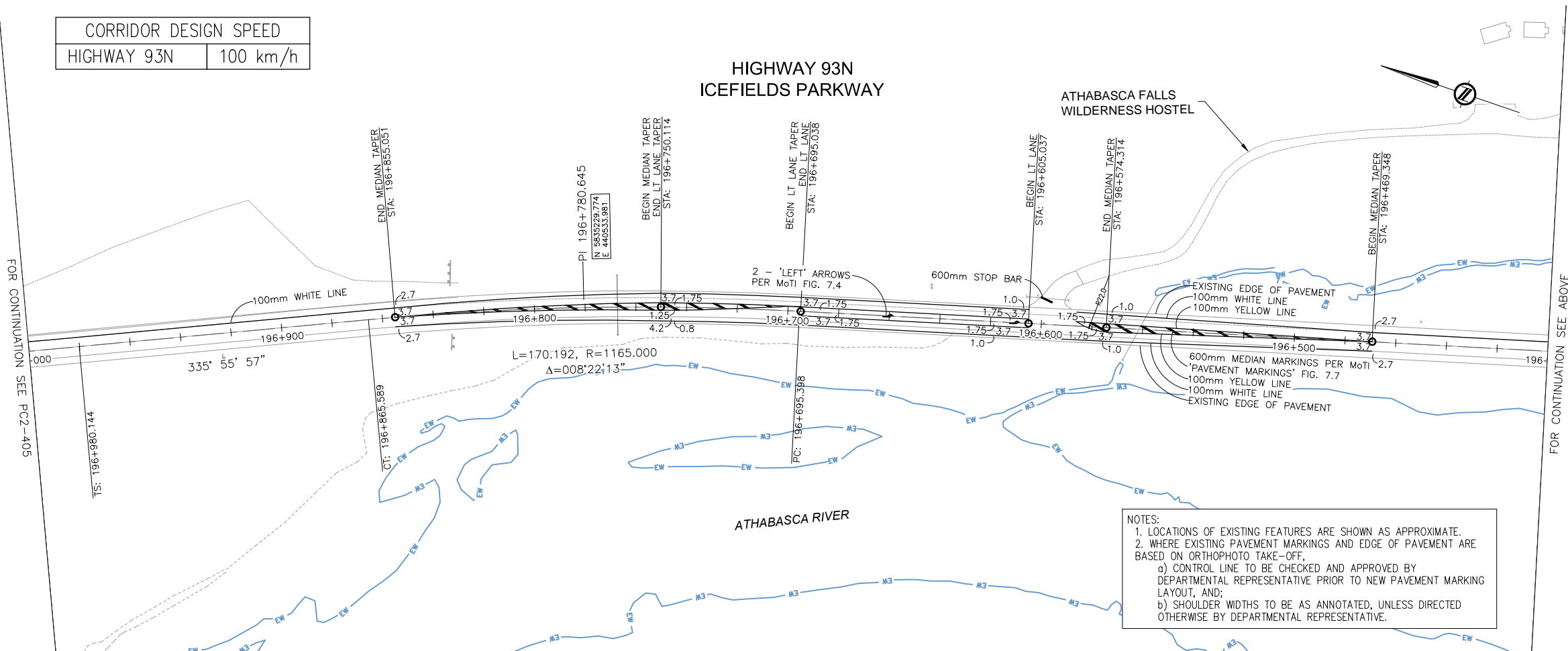
Parks Canada Project Manager/Administrateur de Projets Parcs Canada

Client Acceptance/Acceptation du client	Approved by/Approuvé par

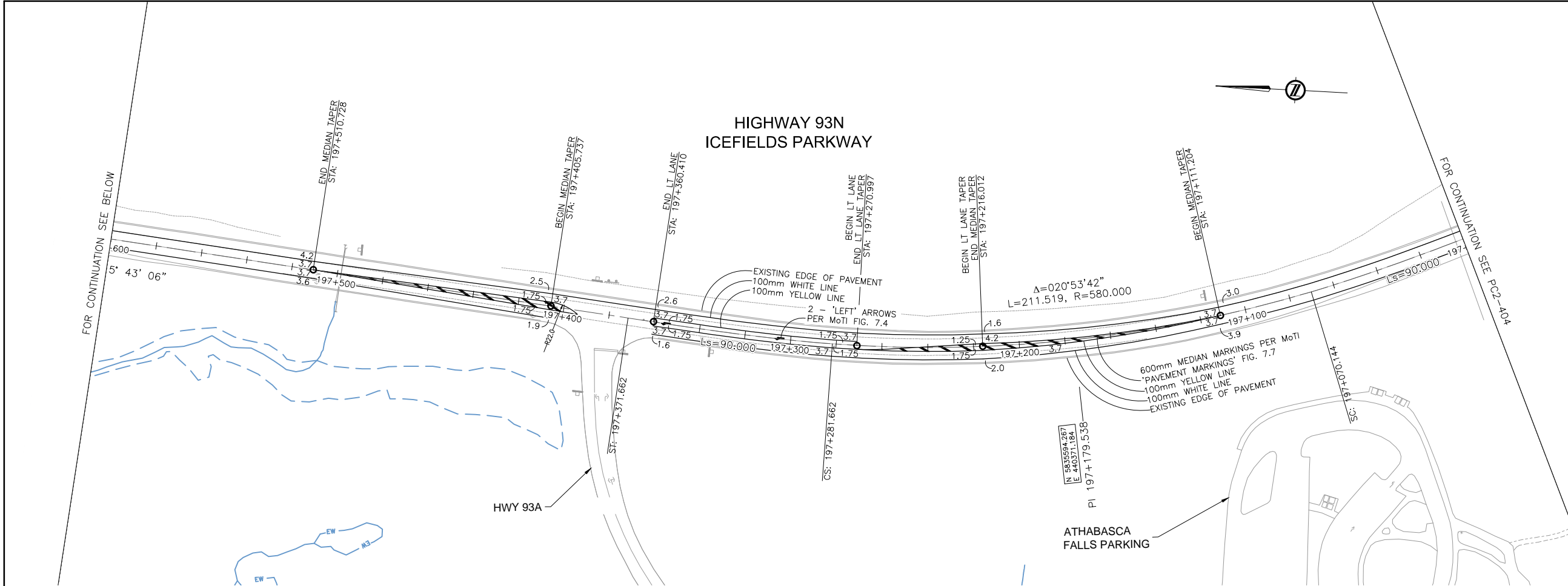
Parks Canada Responsible Officer/Agent Responsable Parcs Canada	Parks Canada Project Manager/Administrateur de Projets Parcs Canada
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Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201538B		404

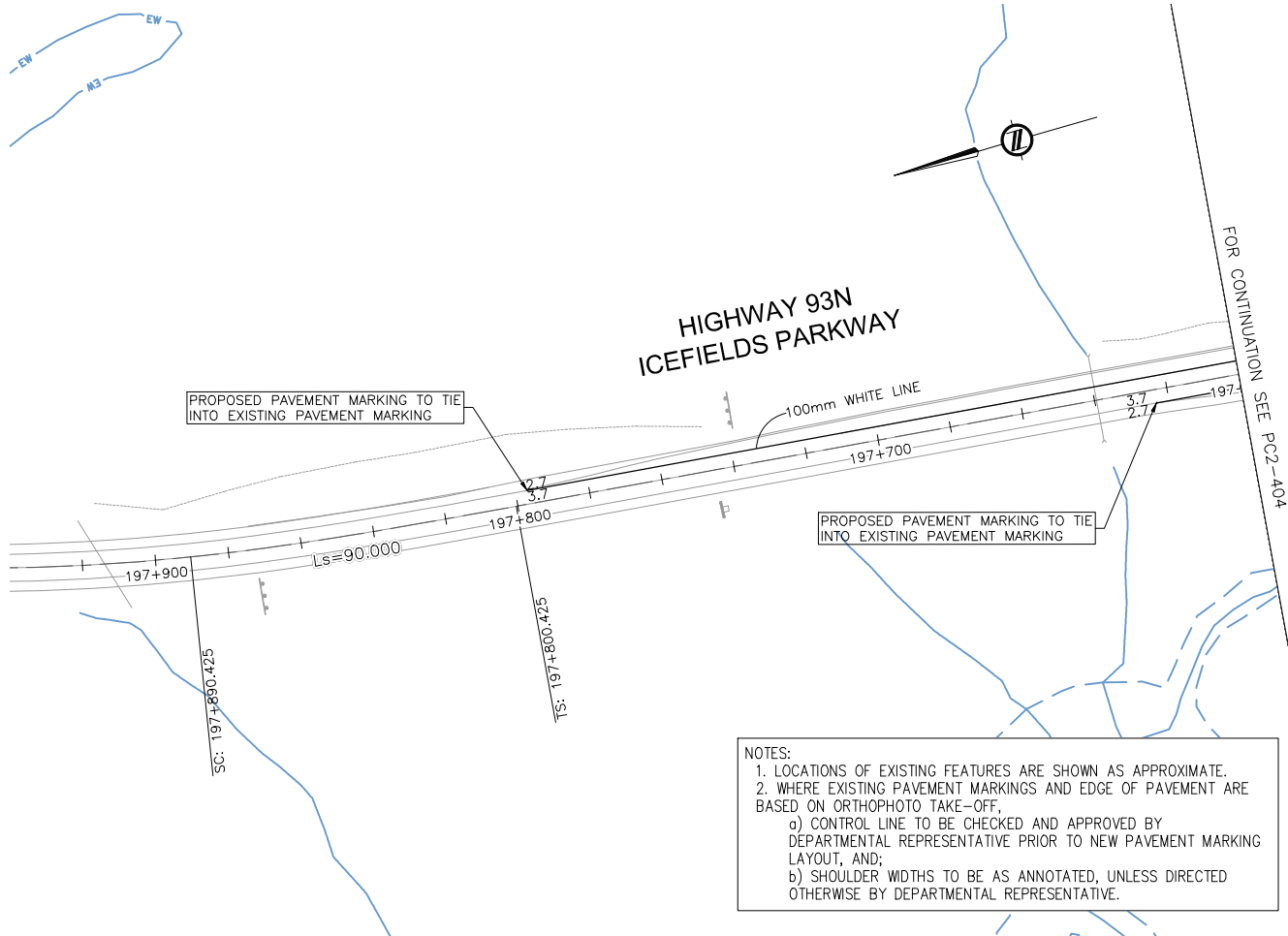
Drawing Reference No./No. de référence du dessin
2121-00203-00



NOTES:
1. LOCATIONS OF EXISTING FEATURES ARE SHOWN AS APPROXIMATE.
2. WHERE EXISTING PAVEMENT MARKINGS AND EDGE OF PAVEMENT ARE BASED ON ORTHOPHOTO TAKE-OFF,
a) CONTROL LINE TO BE CHECKED AND APPROVED BY DEPARTMENTAL REPRESENTATIVE PRIOR TO NEW PAVEMENT MARKING LAYOUT, AND;
b) SHOULDER WIDTHS TO BE AS ANNOTATED, UNLESS DIRECTED OTHERWISE BY DEPARTMENTAL REPRESENTATIVE.



CORRIDOR DESIGN SPEED	
HIGHWAY 93N	100 km/h



NOTES:

1. LOCATIONS OF EXISTING FEATURES ARE SHOWN AS APPROXIMATE.
2. WHERE EXISTING PAVEMENT MARKINGS AND EDGE OF PAVEMENT ARE BASED ON ORTHOPHOTO TAKE-OFF,
 - a) CONTROL LINE TO BE CHECKED AND APPROVED BY DEPARTMENTAL REPRESENTATIVE PRIOR TO NEW PAVEMENT MARKING LAYOUT, AND;
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Consultant's Stamp Sceau de l'expert-conseil			Eng. Stamp Sceau de l'ingénieur	

Client/client

Parks Canada Agency L'Agence Parcs Canada

Consultant's Name
Nom de l'expert-conseil

McElhanney

Project title/Titre du projet

**HIGHWAY 93 NORTH
ICEFIELDS PARKWAY
PAVEMENT REHABILITATION**

JASPER NATIONAL PARK

Drawing title/Titre du dessin

**GEOMETRICS, LANING,
SIGNING & PAVEMENT MARKINGS
HWY 93A JUNCTION
STA 197+000 - 198+240**

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
-	TE	2016.07.13
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
RD	NJ	1:1000

Parks Canada Project Manager/Administrateur de Projets Parcs Canada

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

Project No./No. du projet	Asset No./No. du bien	Sheet No./ No. de la feuille
201538B		405

Drawing Reference No./No. de référence du dessin

2121-00203-00

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