



**Public Services and
Procurement Canada**

**Services publics et
Approvisionnement Canada**

**DEACTIVATION OF
FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

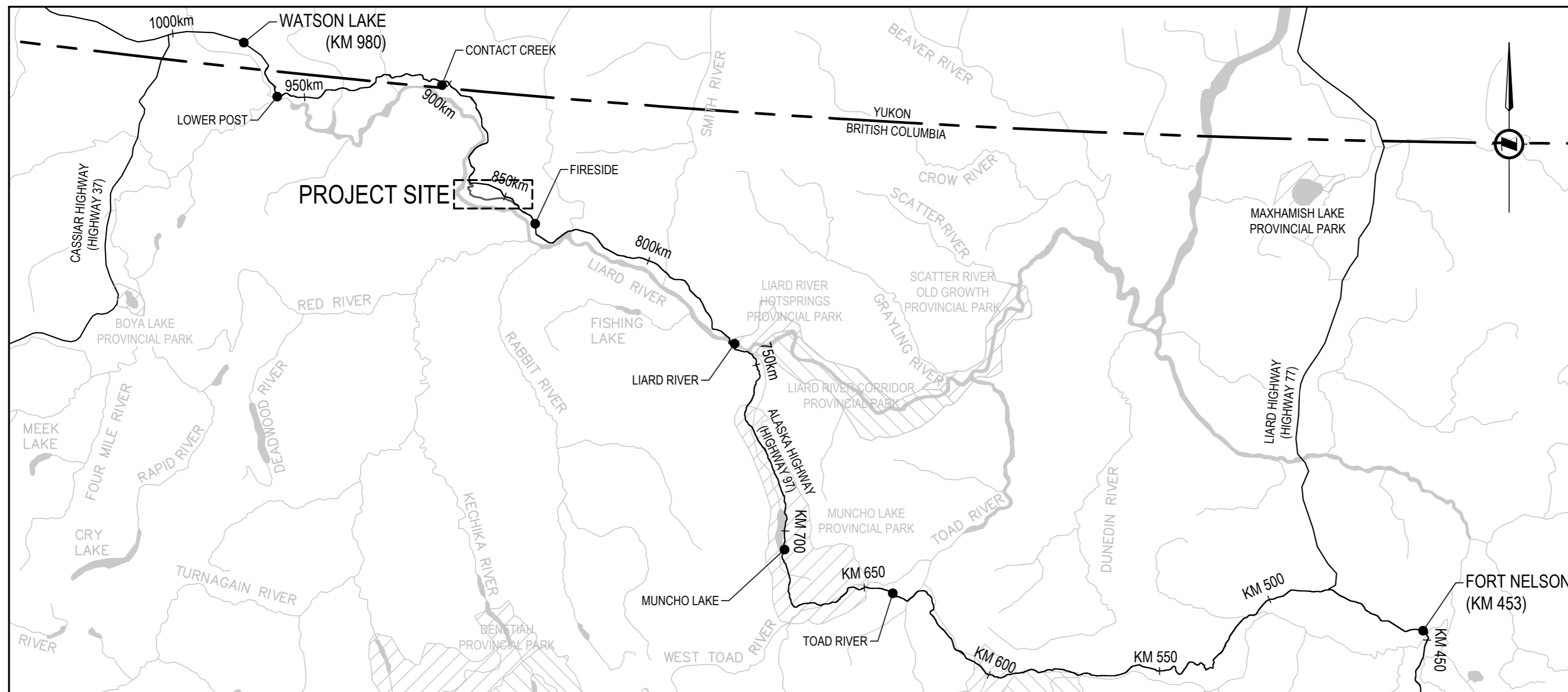
**ALASKA HIGHWAY
BRITISH COLUMBIA**



PROJECT No. R.110770.001

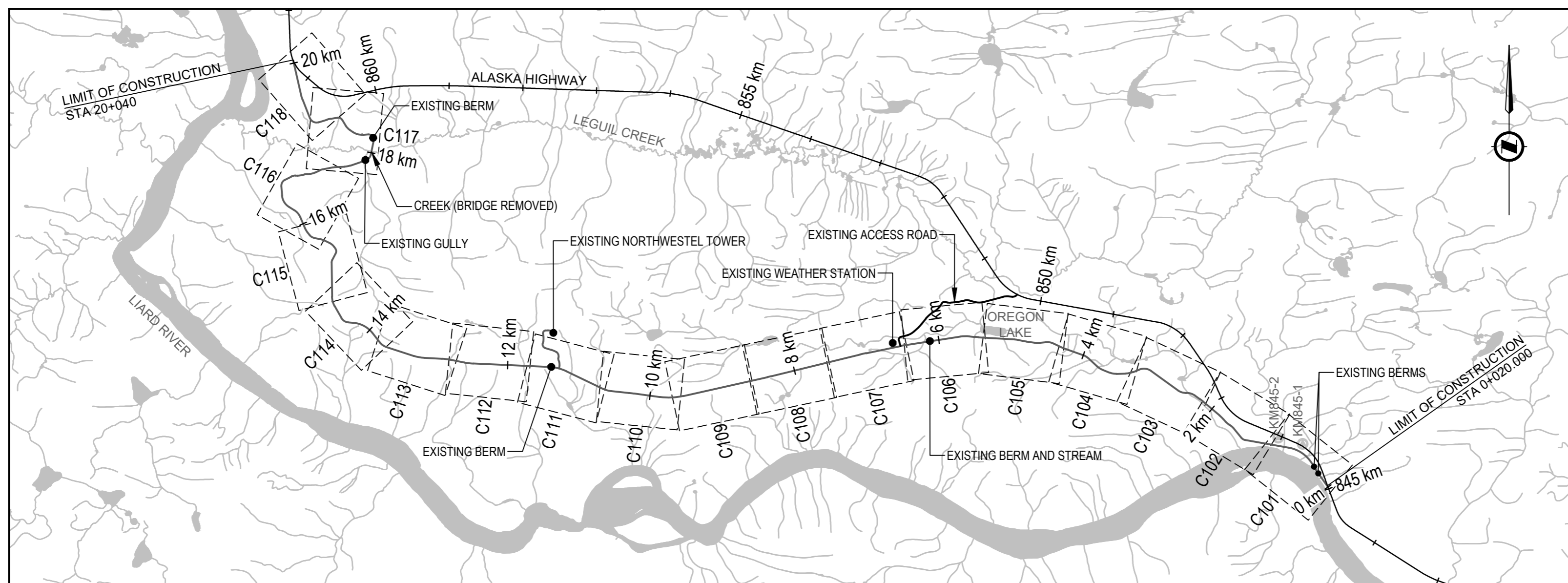
**ISSUED FOR TENDER
JULY 17, 2020**

PROJECT LOCATION PLAN



SCALE: 1:1,000,000

DRAWING KEY PLANS



SCALE: 1:50,000

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

ISSUED FOR TENDER



Revision/	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet

**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approve par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

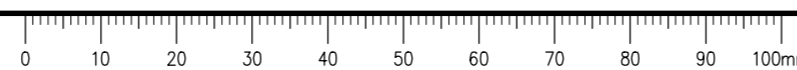
PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

**PROJECT LOCATION PLAN,
KEY PLAN**

Project No./No. du projet R.110770.001	Sheet/Feuille C001	Revision no./La Révision no. A
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C:\Vancouver\Transportation\TRN.VHWY\Projects\TRN.VHWY03085-Alaska Hwy Alignment Deactivation\CAD\Tender 3\C000-002 - COVER & KEY PLAN.dwg [C002] July 17, 2020 - 6:41:29 pm (BY: TAKEDA, TAKUMA)


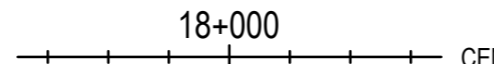




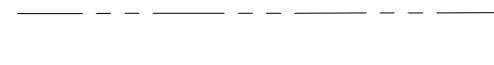


REAL PROPERTY SERVICES
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SERVICES IMMOBILIERS
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DRAWING INDEX	
DRAWING	DESCRIPTION
C000	COVER PAGE
C001	PROJECT LOCATION PLAN, KEY PLAN
C002	DRAWING INDEX AND LEGEND
C101 - C118	PLANS
C201	TYPICAL SCARIFICATION AND SEEDING OF ROAD SURFACE
C202	TYPICAL CULVERT REMOVAL AND CROSS DITCH CONSTRUCTION - PROFILE
C203	TYPICAL CULVERT REMOVAL AND CROSS DITCH CONSTRUCTION - SECTIONS
C204	TYPICAL WATERBAR (OPTIONAL WORK)
C301	KM 0.25, KM 0.33, KM 6.25, KM 11.32, KM 17.84 & KM 18.40 - TEMPORARY ACCESS CONSTRUCTION
C302	KM 0.00 - ROAD ACCESS REMOVAL BY DITCH CONSTRUCTION
C303	KM 0.86 - CULVERT REMOVAL & CROSS DITCH CONSTRUCTION - PLAN / PROFILE
C304	KM 0.86 - CULVERT REMOVAL & CROSS DITCH CONSTRUCTION - SECTIONS
C305	KM 6.53 - ACCESS REMOVAL BY DITCH AND BERM CONSTRUCTION
C306	KM 17.84 - SLOPE RESTORATION - PLAN / PROFILE
C307	KM 19.62 - ACCESS REMOVAL BY DITCH AND BERM CONSTRUCTION
C308	KM 19.96 - ROAD ACCESS REMOVAL BY DITCH CONSTRUCTION
C401	TYPICAL CULVERT REMOVAL - ENVIRONMENTAL CONSTRUCTION STAGING CONCEPT - PLAN VIEW
C402	TYPICAL CULVERT REMOVAL - ENVIRONMENTAL CONSTRUCTION STAGING CONCEPT - CHECK DAM DETAILS
C403	TYPICAL CULVERT REMOVAL - ENVIRONMENTAL CONSTRUCTION STAGING CONCEPT - FISH STOP NET DETAILS
C404	KM 0.86 CULVERT REMOVAL - ENVIRONMENTAL CONSTRUCTION STAGING CONCEPT

LEGEND

LINETYPE (EXISTING)		LINETYPE (PROPOSED)	
	CENTERLINE		CENTERLINE
	CONTOUR		
	WATERCOURSES		
	CULVERT		
	EXISTING BERM		
	ROW		
	DEBRIS TO BE REMOVED		
	TREELINE		

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A. TAHERI

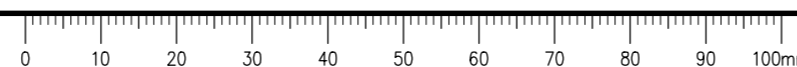
PWGSC, Architectural and Engineering Resources Manager/
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Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

DRAWING INDEX AND LEGEND

Project No./No. du projet R.110770.001	Sheet/Feuille C002	Revision no./La Révision no. A
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- GENERAL NOTES:
- DIMENSIONS, COORDINATES & ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
 - WATER COURSE LAYERS HAVE BEEN DERIVED FROM CANADA CENTRE FOR MAPPING AND EARTH OBSERVATION AND HAVE BEEN EDITED BASED ON IMAGERY AND FIELD OBSERVATIONS.
 - CONTOUR BASE DATA IS APPROXIMATE AND OBTAINED BY PHOTOSAT FROM WORLDVIEW SATELLITE IMAGERY (January 31, 2017).
 - IMAGERY FROM ESRI DIGITAL GLOBE (April 3, 2015). IMAGERY LOCATION IS APPROXIMATE ONLY RELATIVE TO PROPOSED WORKS.
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NOTE:
SEE APPENDIX K OF SPECIFICATIONS FOR DEBRIS REMOVAL DESCRIPTIONS

APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
0+160	EX. CULVERT INVERT	2.9	3.4
	PROP. DITCH BOTTOM	2.6	3.4
0+330	EX. CULVERT INVERT	0.9	0.9
	PROP. DITCH BOTTOM	N/A	N/A
0+850	EX. CULVERT INVERT	11.0	11.0
	PROP. DITCH BOTTOM	11.0	11.5
0+960	EX. CULVERT INVERT	1.9	2.1
	PROP. DITCH BOTTOM	1.9	2.1

ISSUED FOR TENDER



Scale: 1: 2 500 (metres)

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PWGC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

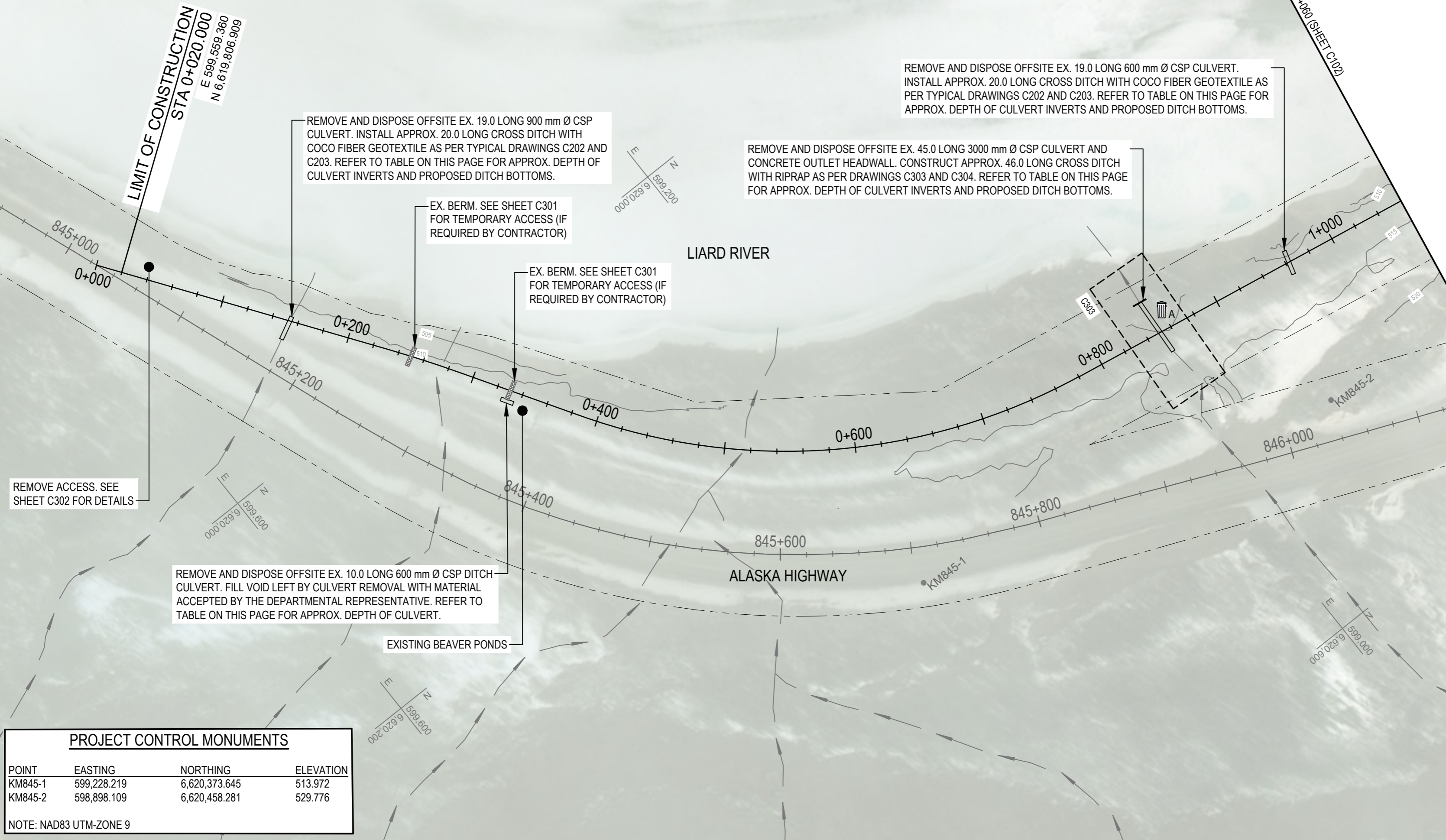
PWGC Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
 STA. 0+000 TO STA. 1+060**

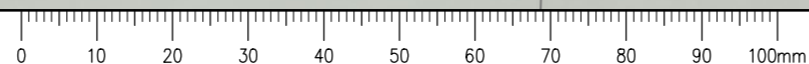
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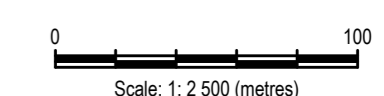


PROJECT CONTROL MONUMENTS			
POINT	EASTING	NORTHING	ELEVATION
KM845-1	599,228.219	6,620,373.645	513.972
KM845-2	598,898.109	6,620,458.281	529.776

NOTE: NAD83 UTM-ZONE 9



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Drawn by/Dessiné par
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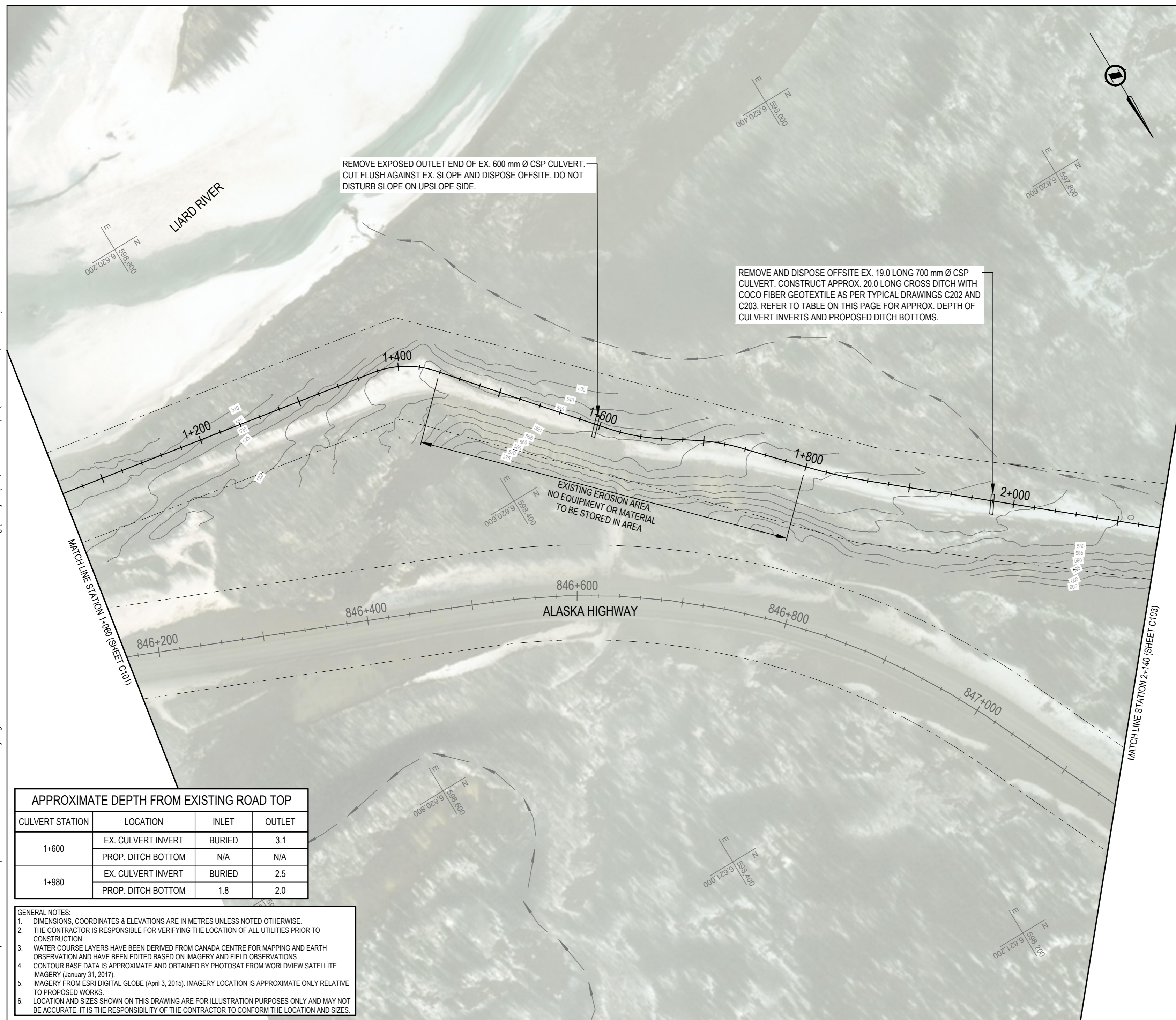
PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
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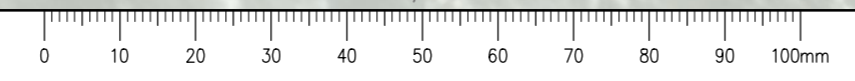
Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLANS
STA. 0+060 TO STA. 2+140**

Project No./No. du projet R.110770.001	Sheet/Feuille C102	Revision no./La Révision no. A
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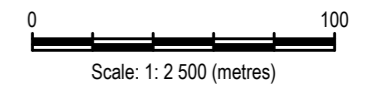


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 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
 3. WATER COURSE LAYERS HAVE BEEN DERIVED FROM CANADA CENTRE FOR MAPPING AND EARTH OBSERVATION AND HAVE BEEN EDITED BASED ON IMAGERY AND FIELD OBSERVATIONS.
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APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
2+160	EX. CULVERT INVERT	1.4	2.3
	PROP. DITCH BOTTOM	N/A	N/A
2+165	EX. CULVERT INVERT	2.3	2.3
	PROP. DITCH BOTTOM	N/A	N/A
2+375	EX. CULVERT INVERT	SUBMERGED	2.9
	PROP. DITCH BOTTOM	2.5	4.0

 Public Services and Procurement Canada Services publics et Approvisionnement Canada
 REAL PROPERTY SERVICES Western Region
 SERVICES IMMOBILIERS Région de l'ouest

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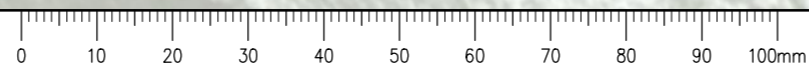
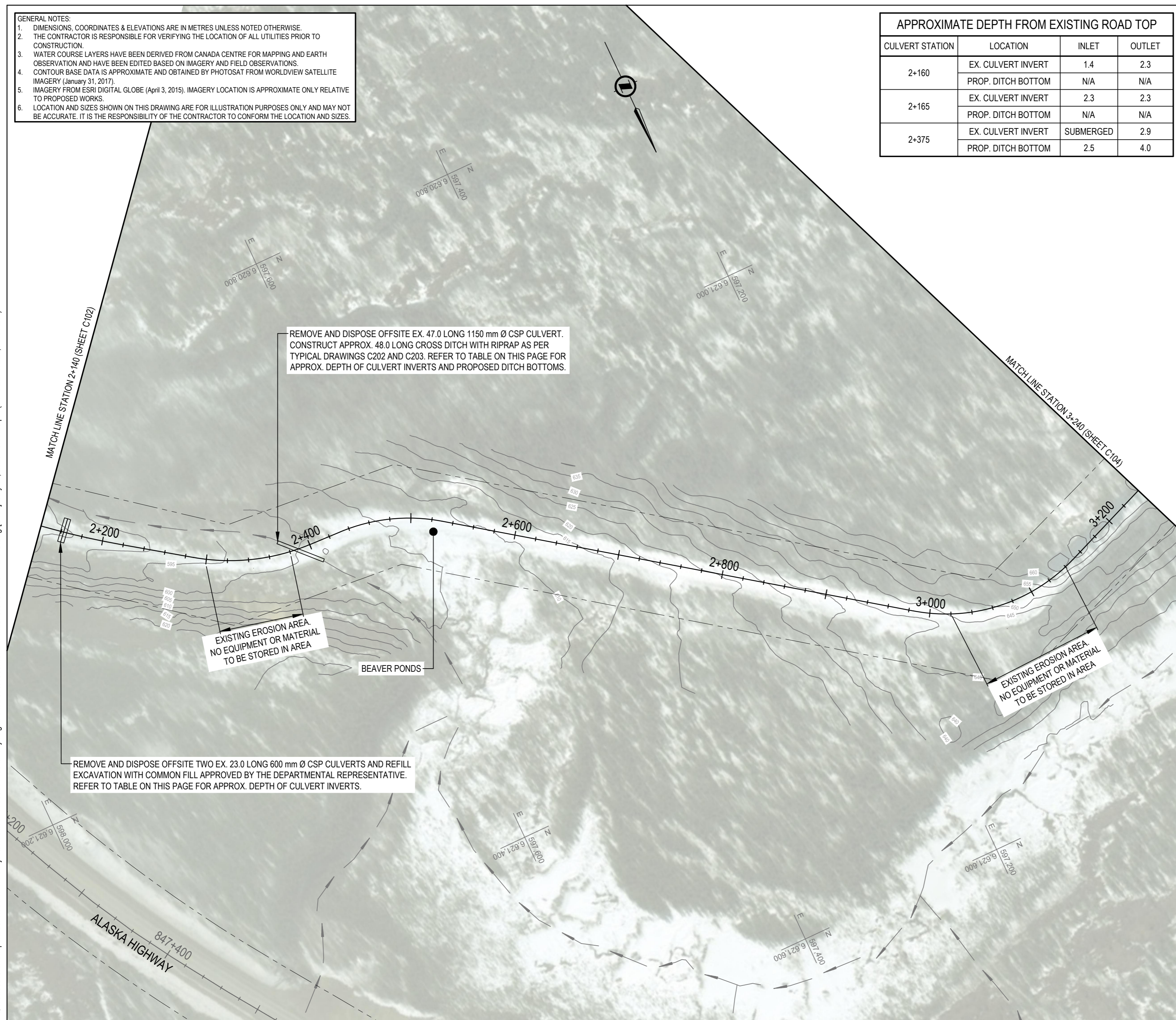
Approved by/Approuvé par
 G. WILKINS
 Designed by/Concept par
 T. TAKEDA / A. HORWOOD
 Drawn by/Dessiné par
 A. DEEPWELL
 PWGSC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI
 PWGSC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
 STA. 2+140 TO STA. 3+240**

Project No./No. du projet R.110770.001	Sheet/Feuille C103	Revision no./La Révision no. A
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Scale: 1: 2 500 (metres)

A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15
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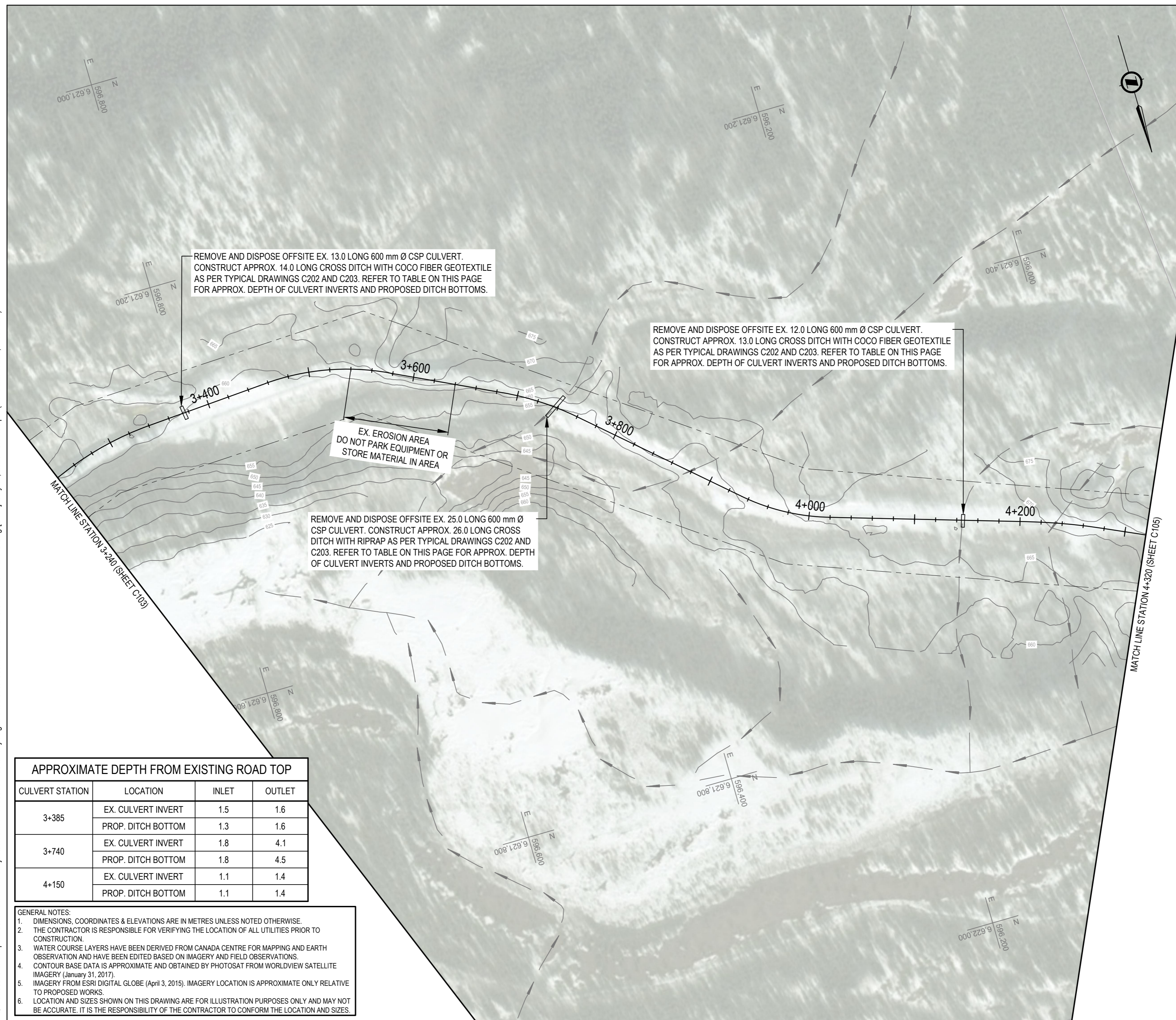
PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 3+240 TO STA. 4+320**

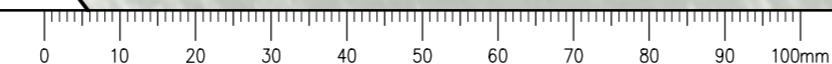
Project No./No. du projet R.110770.001	Sheet/Feuille C104	Revision no./La Révision no. A
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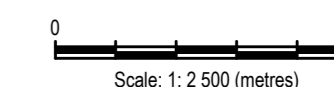


CULVERT STATION	LOCATION	INLET	OUTLET
3+385	EX. CULVERT INVERT	1.5	1.6
	PROP. DITCH BOTTOM	1.3	1.6
3+740	EX. CULVERT INVERT	1.8	4.1
	PROP. DITCH BOTTOM	1.8	4.5
4+150	EX. CULVERT INVERT	1.1	1.4
	PROP. DITCH BOTTOM	1.1	1.4

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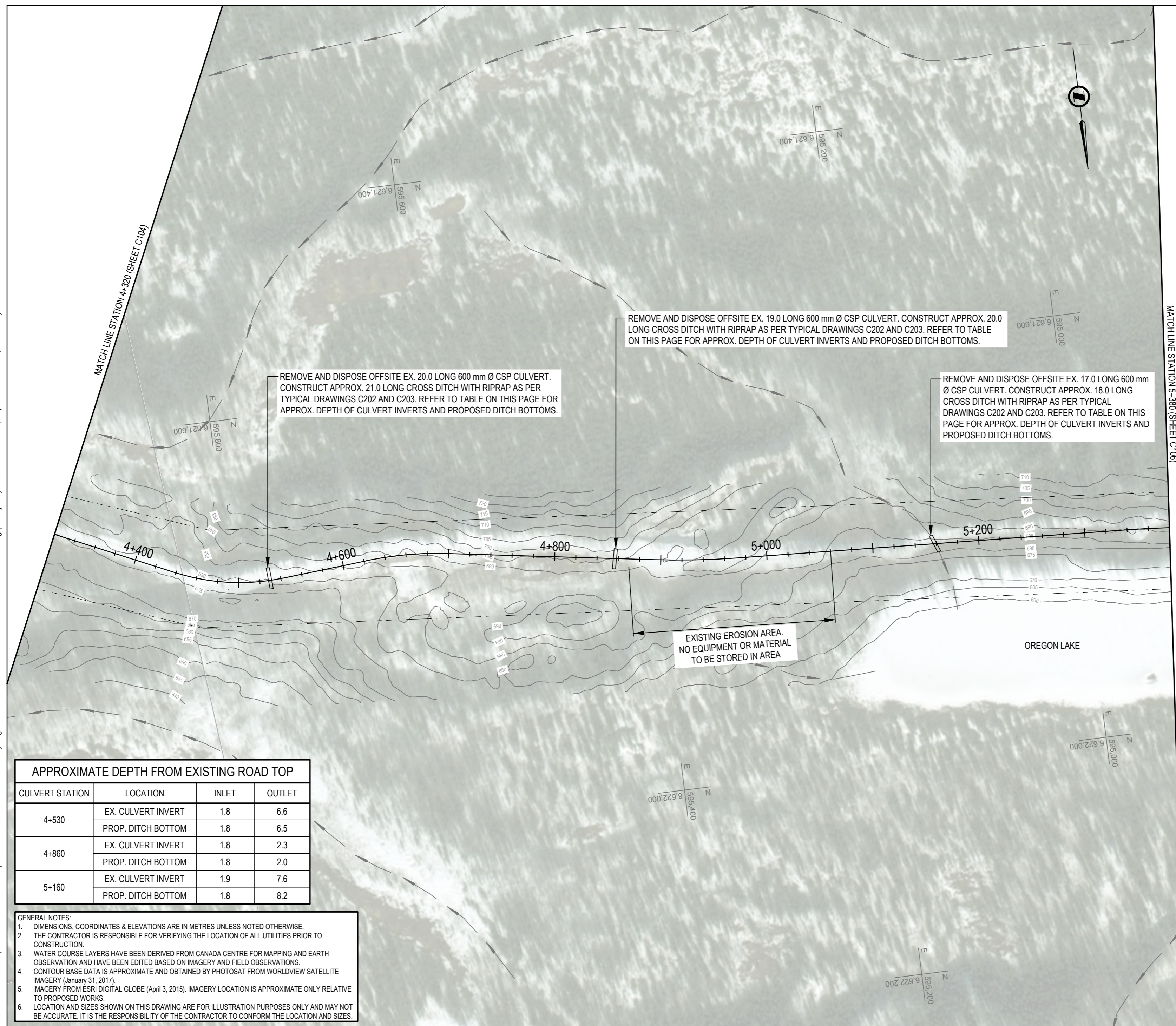
PWGC Project Manager/Administrateur de Projets TPSGC
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PWGC, Architectural and Engineering Resources Manager/
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Client/client
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Drawing title/Titre du dessin
**PLAN
STA. 4+320 TO STA. 5+380**

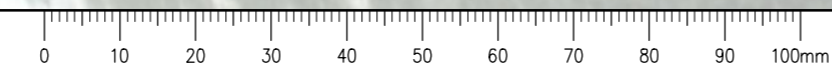
Project No./No. du projet R.110770.001	Sheet/Feuille C105	Revision no./La Révision no. A
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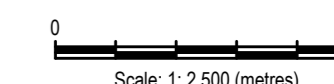
APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
4+530	EX. CULVERT INVERT	1.8	6.6
	PROP. DITCH BOTTOM	1.8	6.5
4+860	EX. CULVERT INVERT	1.8	2.3
	PROP. DITCH BOTTOM	1.8	2.0
5+160	EX. CULVERT INVERT	1.9	7.6
	PROP. DITCH BOTTOM	1.8	8.2

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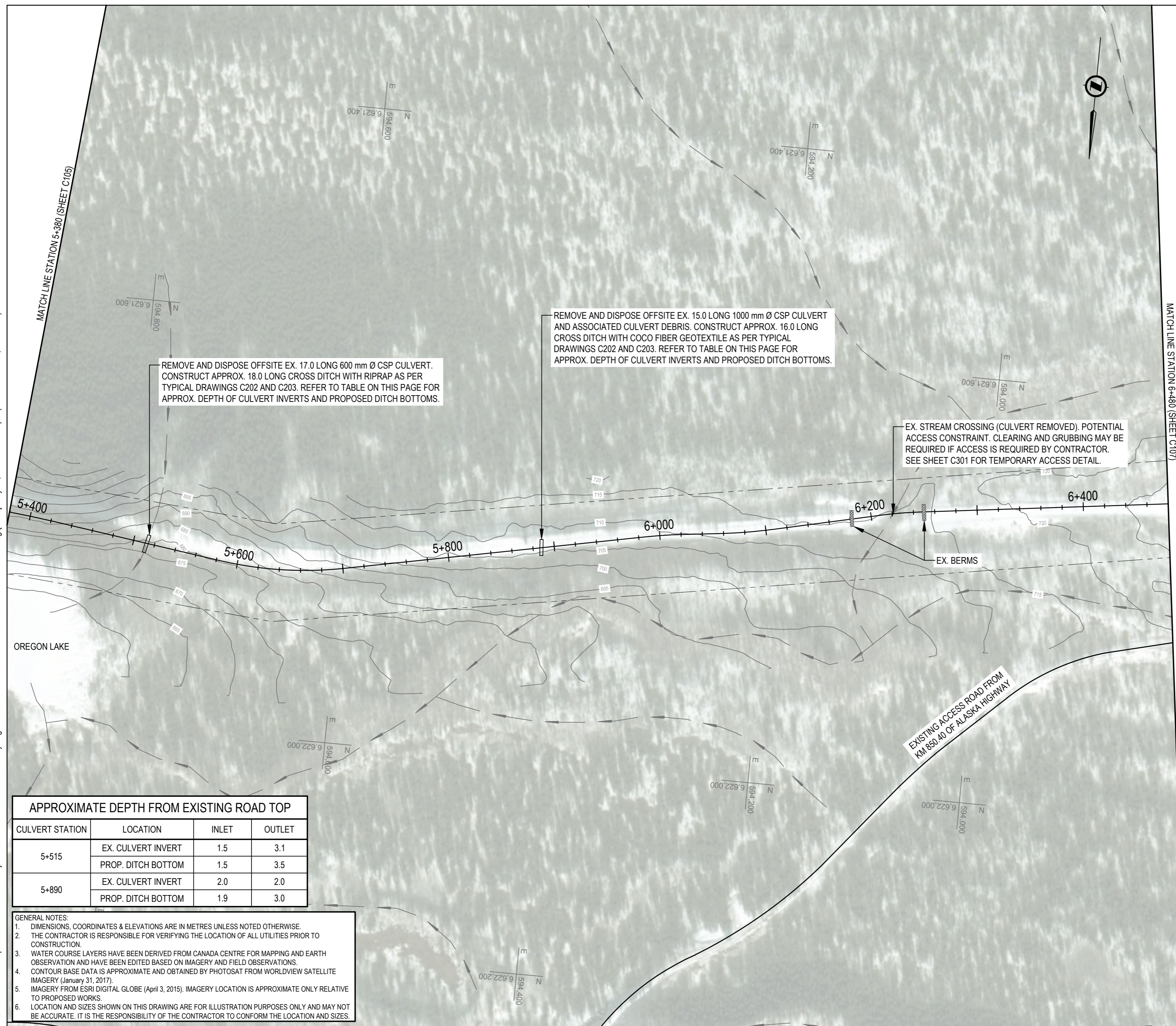
PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
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**PLAN
STA. 5+380 TO STA. 6+480**

Project No./No. du projet R.110770.001	Sheet/Feuille C106	Revision no./La Révision no. A
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REMOVE AND DISPOSE OFFSITE EX. 17.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 18.0 LONG CROSS DITCH WITH RIPRAP AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

REMOVE AND DISPOSE OFFSITE EX. 15.0 LONG 1000 mm Ø CSP CULVERT AND ASSOCIATED CULVERT DEBRIS. CONSTRUCT APPROX. 16.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

EX. STREAM CROSSING (CULVERT REMOVED). POTENTIAL ACCESS CONSTRAINT. CLEARING AND GRUBBING MAY BE REQUIRED IF ACCESS IS REQUIRED BY CONTRACTOR. SEE SHEET C301 FOR TEMPORARY ACCESS DETAIL.

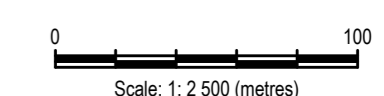
CULVERT STATION	LOCATION	INLET	OUTLET
5+515	EX. CULVERT INVERT	1.5	3.1
	PROP. DITCH BOTTOM	1.5	3.5
5+890	EX. CULVERT INVERT	2.0	2.0
	PROP. DITCH BOTTOM	1.9	3.0

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 - CONTOUR BASE DATA IS APPROXIMATE AND OBTAINED BY PHOTOSAT FROM WORLDVIEW SATELLITE IMAGERY (January 31, 2017).
 - IMAGERY FROM ESRI DIGITAL GLOBE (April 3, 2015). IMAGERY LOCATION IS APPROXIMATE ONLY RELATIVE TO PROPOSED WORKS.
 - LOCATION AND SIZES SHOWN ON THIS DRAWING ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE ACCURATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFORM THE LOCATION AND SIZES.

C:\Vancouver\Transportation\TRN\VHWY\Projects\TRN.VHWY\03085-Alaska Hwy Alignment Deactivation\CAD\Tender\3\C101-118 - PLANS.dwg [C:106] July 17, 2020 - 6:55:37 pm (BY: DEEPWELL, ANDREW)



ISSUED FOR TENDER



Revision/	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approve par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

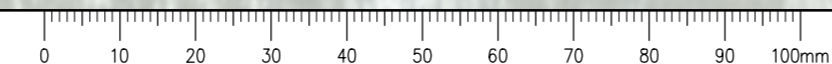
Drawing title/Titre du dessin
**PLAN
STA. 5+480 TO STA. 7+540**

Project No./No. du projet R.110770.001	Sheet/Feuille C107	Revision no./La Révision no. A
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- GENERAL NOTES:
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 - CONTOUR BASE DATA IS APPROXIMATE AND OBTAINED BY PHOTOSAT FROM WORLDVIEW SATELLITE IMAGERY (January 31, 2017).
 - IMAGERY FROM ESRI DIGITAL GLOBE (April 3, 2015). IMAGERY LOCATION IS APPROXIMATE ONLY RELATIVE TO PROPOSED WORKS.
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ISSUED FOR TENDER



Scale: 1: 2 500 (metres)

A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15
Revision/Revision	Description/Description	Date/Date

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet

**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approve par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 7+540 TO STA. 8+620**

Project No./No. du projet R.110770.001	Sheet/Feuille C108	Revision no./La Révision no. A
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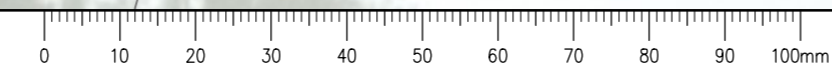
C:\Vancouver\Transportation\TRN\VHWY\Projects\TRN.VHWY03085-Alaska Hwy Alignment Deactivation\CAD\Tender\3\C101-118 - PLANS.dwg [C:08] July 17, 2020 - 6:56:07 pm (BY: DEEPWELL, ANDREW) MATCH LINE STATION 7+540 (SHEET C107)



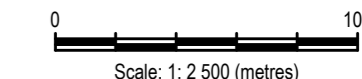
REMOVE AND DISPOSE OFFSITE EX. 18.0 LONG 1000 mm Ø CSP CULVERT AND WOODEN EMBANKMENT SHORING BOARDS AND BRACES (APPROX. 1 HIGH X 3 WIDE). CONSTRUCT APPROX. 19.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
8+360	EX. CULVERT INVERT	3.5	4.2
	PROP. DITCH BOTTOM	3.5	3.6

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ISSUED FOR TENDER



Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approve par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
A. DEEPWELL

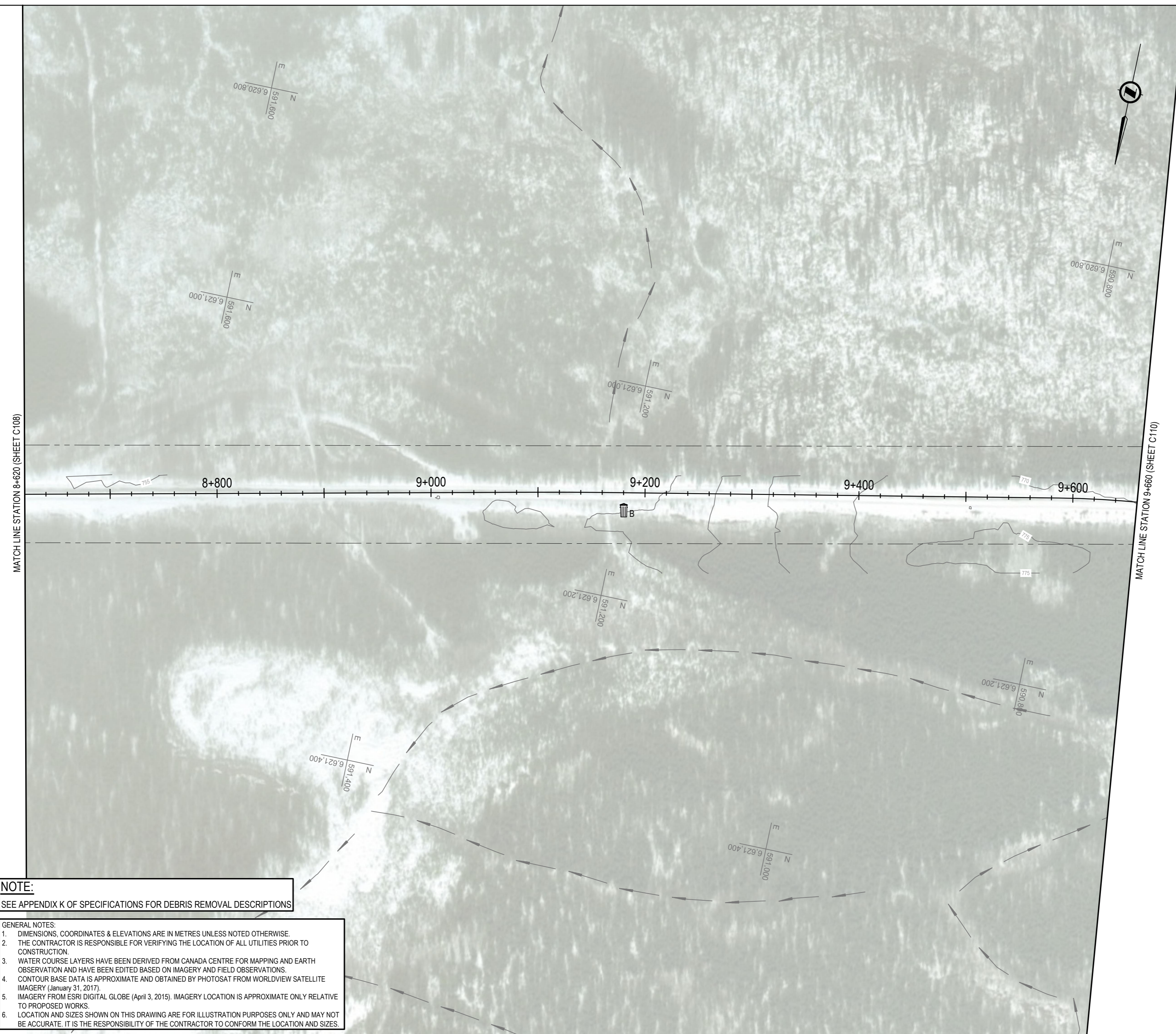
PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 8+620 TO STA. 9+660**

Project No./No. du projet R.110770.001	Sheet/Feuille C109	Revision no./La Révision no. A
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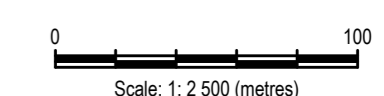
NOTE:
SEE APPENDIX K OF SPECIFICATIONS FOR DEBRIS REMOVAL DESCRIPTIONS

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES & ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
 3. WATER COURSE LAYERS HAVE BEEN DERIVED FROM CANADA CENTRE FOR MAPPING AND EARTH OBSERVATION AND HAVE BEEN EDITED BASED ON IMAGERY AND FIELD OBSERVATIONS.
 4. CONTOUR BASE DATA IS APPROXIMATE AND OBTAINED BY PHOTOSAT FROM WORLDVIEW SATELLITE IMAGERY (January 31, 2017).
 5. IMAGERY FROM ESRI DIGITAL GLOBE (April 3, 2015). IMAGERY LOCATION IS APPROXIMATE ONLY RELATIVE TO PROPOSED WORKS.
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Q:\Vancouver\Transportation\TRN\VHWY\Projects\TRN.VHWY03085-Alaska Hwy Alignment Deactivation\CAD\Tender 3\C101-118 - PLANS.dwg [C:09] July 17, 2020 - 6:56:24 pm (BY: DEEPWELL, ANDREW)

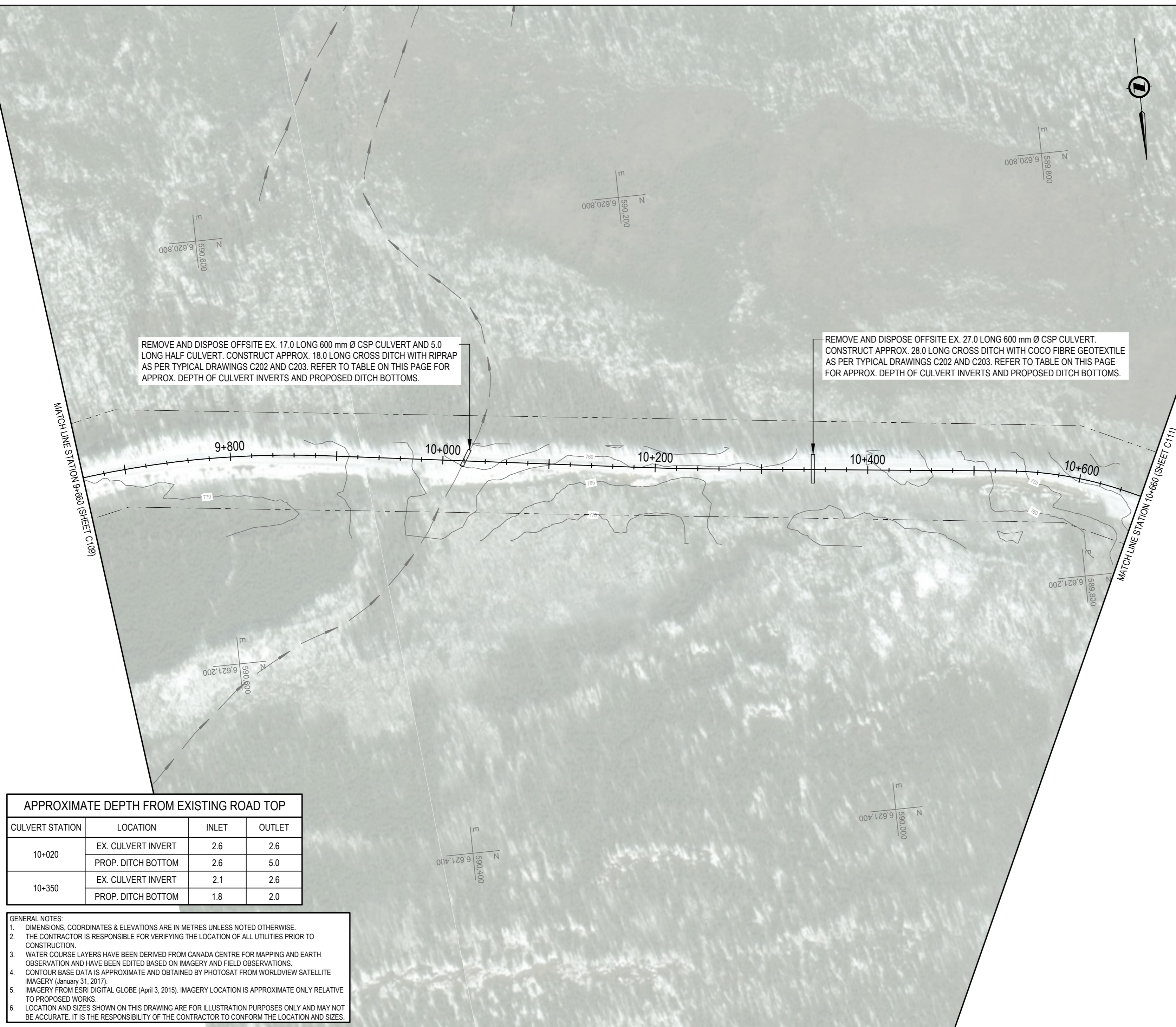
ISSUED FOR TENDER



REMOVE AND DISPOSE OFFSITE EX. 17.0 LONG 600 mm Ø CSP CULVERT AND 5.0 LONG HALF CULVERT. CONSTRUCT APPROX. 18.0 LONG CROSS DITCH WITH RIPRAP AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

REMOVE AND DISPOSE OFFSITE EX. 27.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 28.0 LONG CROSS DITCH WITH COCO FIBRE GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

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APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
10+020	EX. CULVERT INVERT	2.6	2.6
	PROP. DITCH BOTTOM	2.6	5.0
10+350	EX. CULVERT INVERT	2.1	2.6
	PROP. DITCH BOTTOM	1.8	2.0

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Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

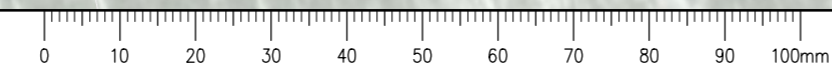
PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

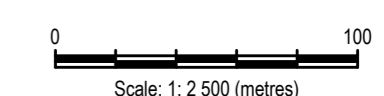
Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 9+660 TO STA. 10+660**

Project No./No. du projet R.110770.001	Sheet/Feuille C110	Revision no./La Révision no. A
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ISSUED FOR TENDER



Revision/	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

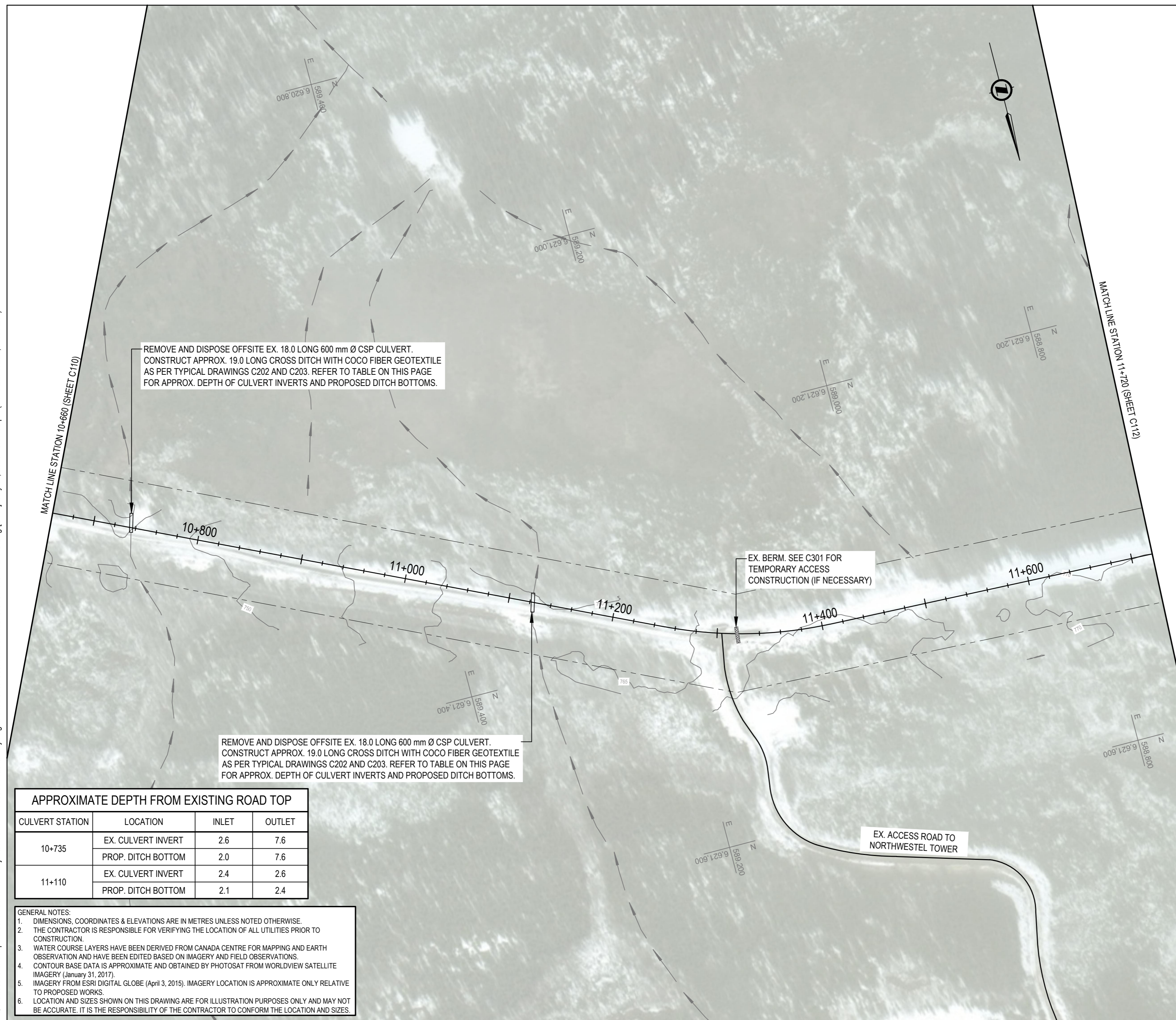
Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 10+660 TO STA. 11+720**

Project No./No. du projet
R.110770.001

Sheet/Feuille
C111

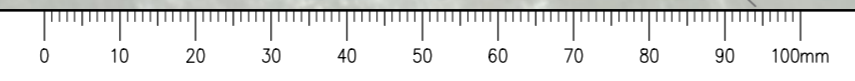
Revision no./
La Révision
no.
A



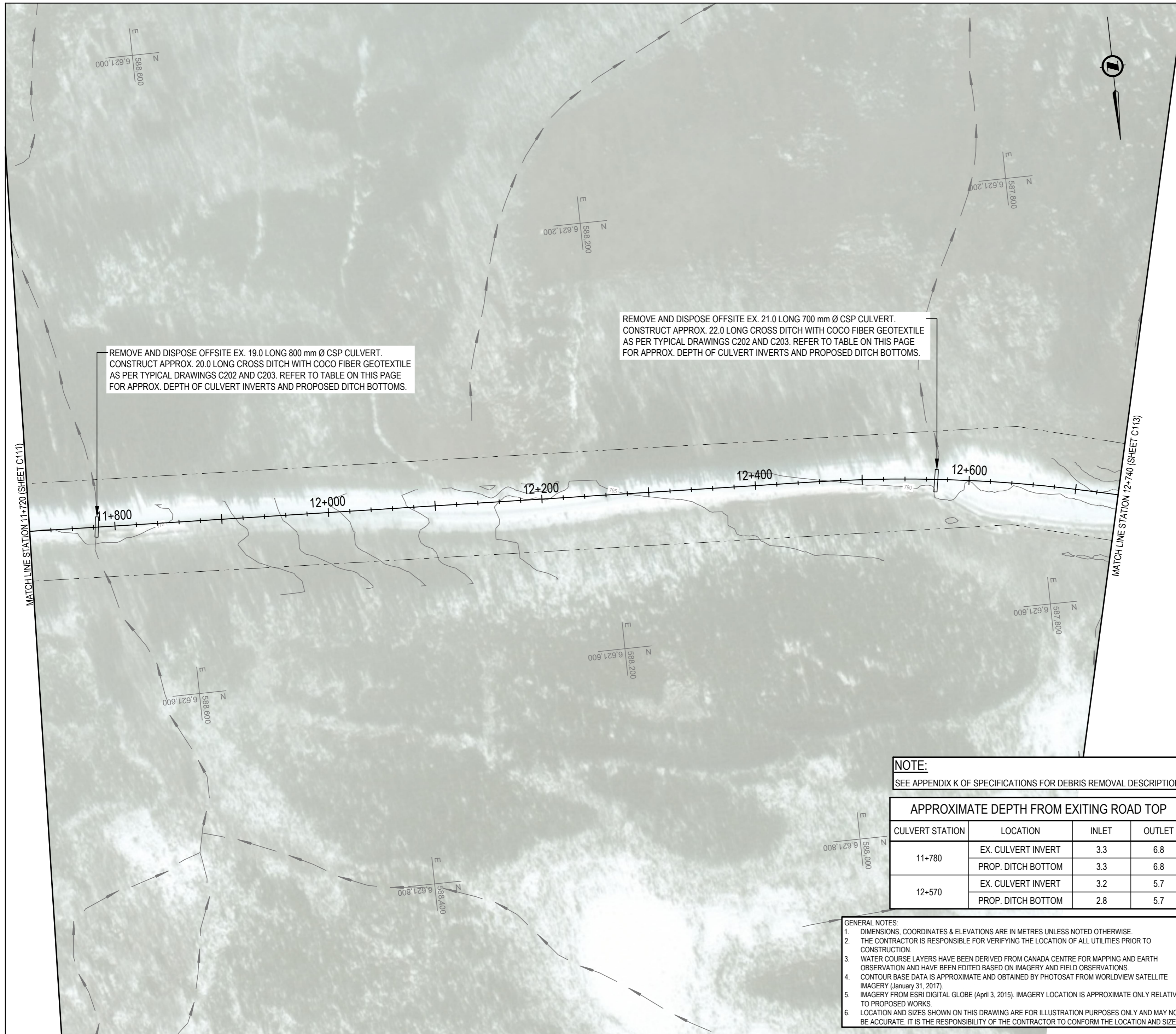
APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
10+735	EX. CULVERT INVERT	2.6	7.6
	PROP. DITCH BOTTOM	2.0	7.6
11+110	EX. CULVERT INVERT	2.4	2.6
	PROP. DITCH BOTTOM	2.1	2.4

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REMOVE AND DISPOSE OFFSITE EX. 19.0 LONG 800 mm Ø CSP CULVERT. CONSTRUCT APPROX. 20.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

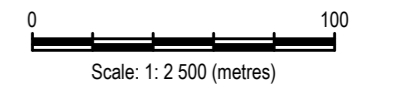
REMOVE AND DISPOSE OFFSITE EX. 21.0 LONG 700 mm Ø CSP CULVERT. CONSTRUCT APPROX. 22.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

NOTE:
SEE APPENDIX K OF SPECIFICATIONS FOR DEBRIS REMOVAL DESCRIPTIONS

APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
11+780	EX. CULVERT INVERT	3.3	6.8
	PROP. DITCH BOTTOM	3.3	6.8
12+570	EX. CULVERT INVERT	3.2	5.7
	PROP. DITCH BOTTOM	2.8	5.7

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ISSUED FOR TENDER



Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approve par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
 A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

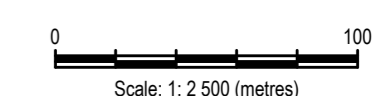
Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
 STA. 11+720 TO STA. 12+740**

Project No./No. du projet R.110770.001	Sheet/Feuille C112	Revision no./La Révision no. A
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ISSUED FOR TENDER



Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

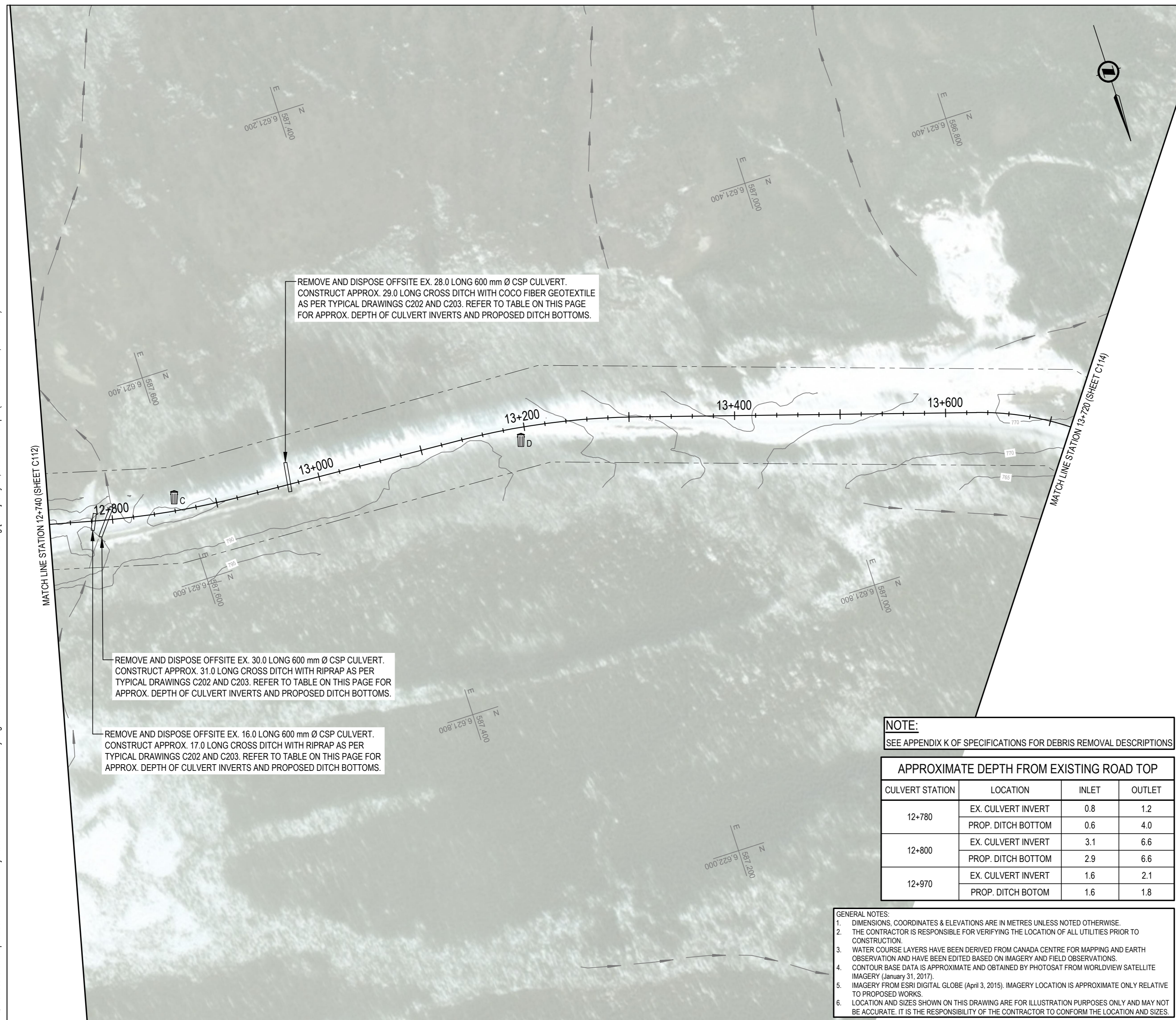
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 12+740 TO STA. 13+720**

Project No./No. du projet R.110770.001	Sheet/Feuille C113	Revision no./La Révision no. A
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REMOVE AND DISPOSE OFFSITE EX. 28.0 LONG 600 mm Ø CSP CULVERT.
CONSTRUCT APPROX. 29.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE
AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE
FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

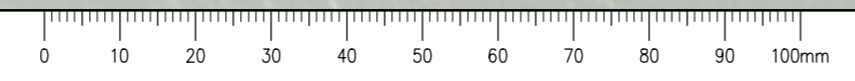
REMOVE AND DISPOSE OFFSITE EX. 30.0 LONG 600 mm Ø CSP CULVERT.
CONSTRUCT APPROX. 31.0 LONG CROSS DITCH WITH RIPRAP AS PER
TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR
APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

REMOVE AND DISPOSE OFFSITE EX. 16.0 LONG 600 mm Ø CSP CULVERT.
CONSTRUCT APPROX. 17.0 LONG CROSS DITCH WITH RIPRAP AS PER
TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR
APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

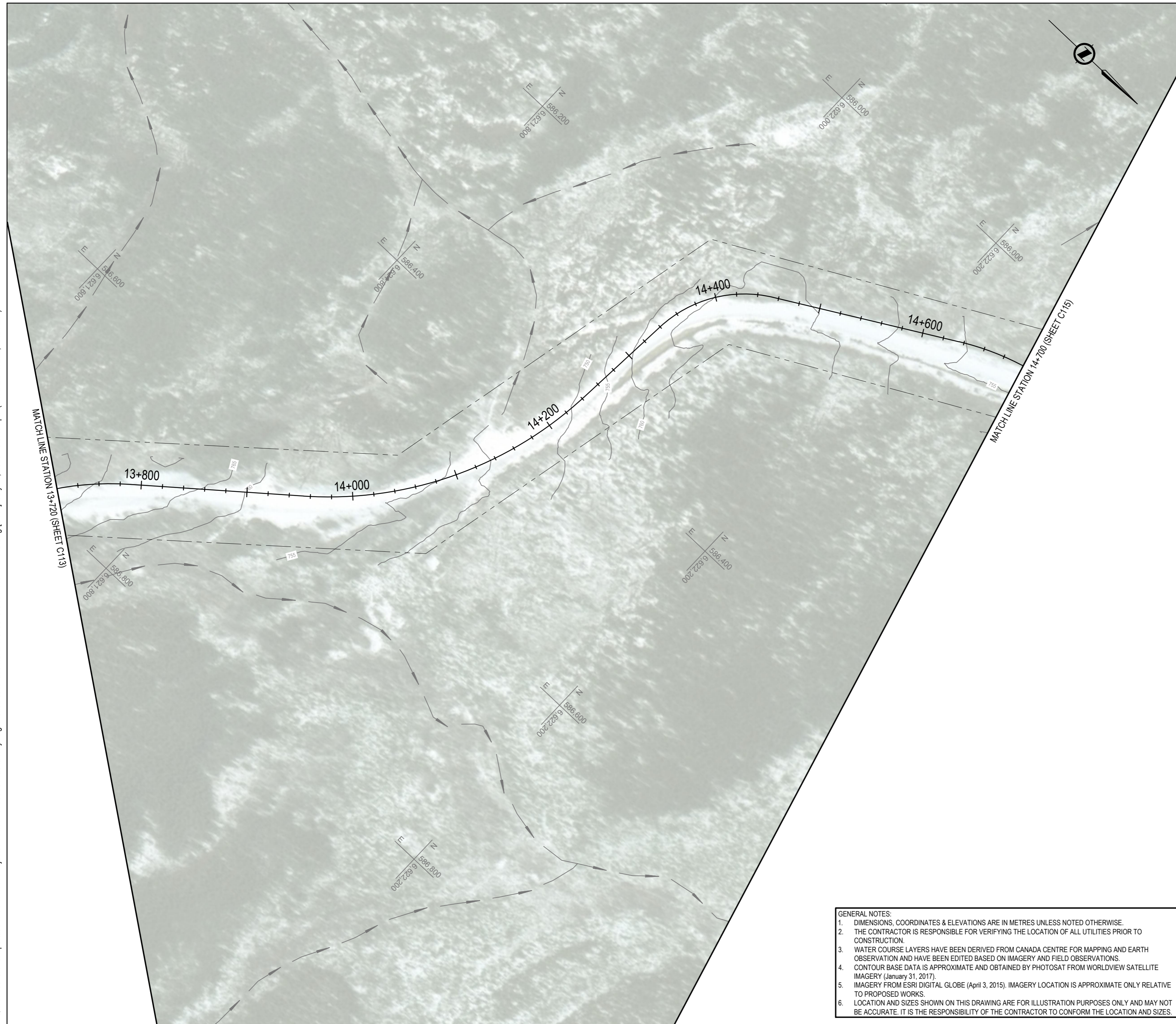
NOTE:
SEE APPENDIX K OF SPECIFICATIONS FOR DEBRIS REMOVAL DESCRIPTIONS

APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
12+780	EX. CULVERT INVERT	0.8	1.2
	PROP. DITCH BOTTOM	0.6	4.0
12+800	EX. CULVERT INVERT	3.1	6.6
	PROP. DITCH BOTTOM	2.9	6.6
12+970	EX. CULVERT INVERT	1.6	2.1
	PROP. DITCH BOTOM	1.6	1.8

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GENERAL NOTES:

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ISSUED FOR TENDER



Scale: 1: 2 500 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

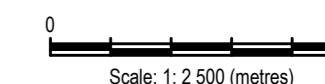
Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 13+720 TO STA. 14+700**

Project No./No. du projet R.110770.001	Sheet/Feuille C114	Revision no./La Révision no. A
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ISSUED FOR TENDER



Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

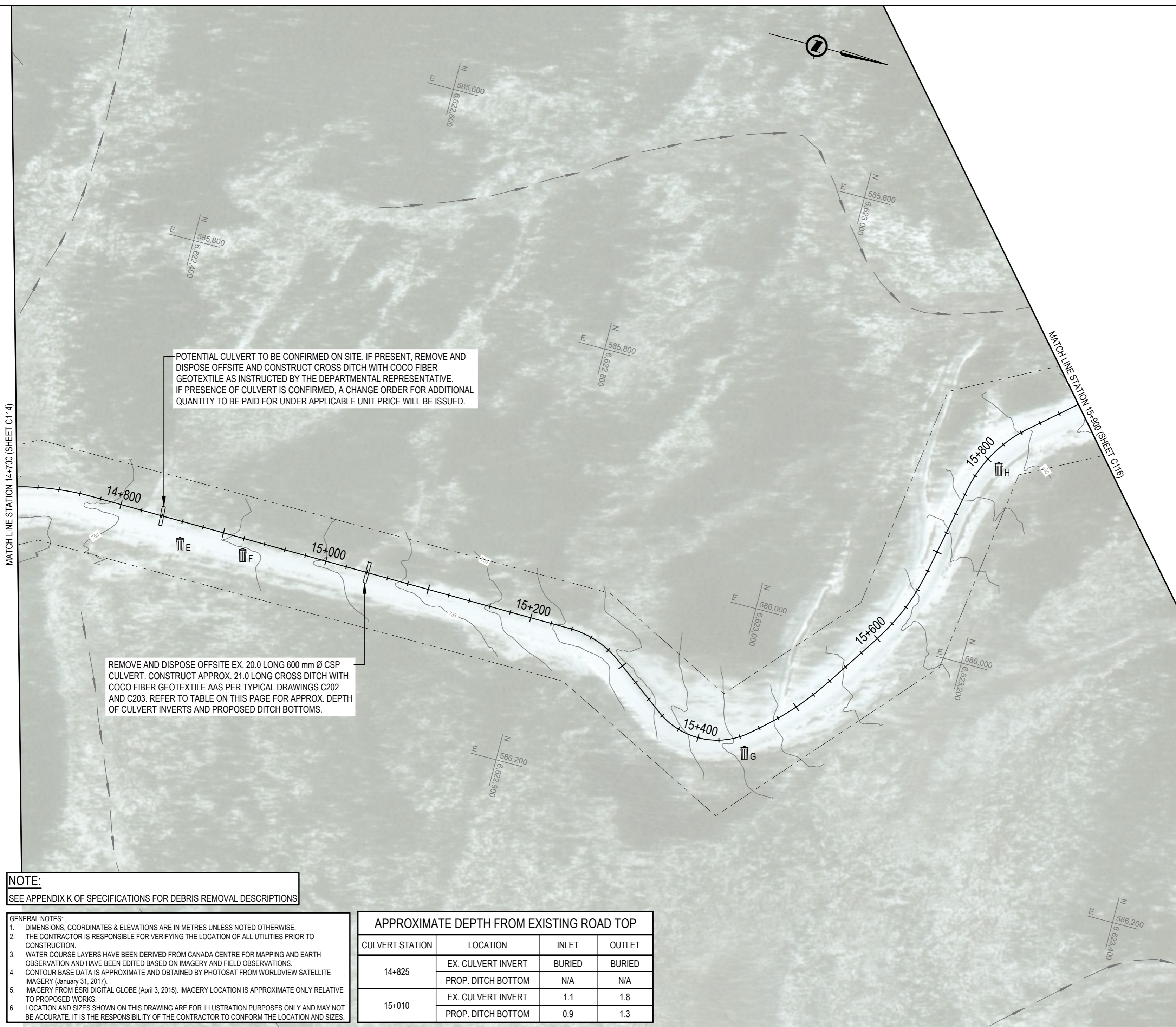
Drawing title/Titre du dessin
**PLAN
STA. 14+700 TO STA. 15+900**

Project No./No. du projet
R.110770.001

Sheet/Feuille
C115

Revision no./La Révision no.
A

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POTENTIAL CULVERT TO BE CONFIRMED ON SITE. IF PRESENT, REMOVE AND DISPOSE OFFSITE AND CONSTRUCT CROSS DITCH WITH COCO FIBER GEOTEXTILE AS INSTRUCTED BY THE DEPARTMENTAL REPRESENTATIVE. IF PRESENCE OF CULVERT IS CONFIRMED, A CHANGE ORDER FOR ADDITIONAL QUANTITY TO BE PAID FOR UNDER APPLICABLE UNIT PRICE WILL BE ISSUED.

REMOVE AND DISPOSE OFFSITE EX. 20.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 21.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AAS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

NOTE:
SEE APPENDIX K OF SPECIFICATIONS FOR DEBRIS REMOVAL DESCRIPTIONS

- GENERAL NOTES:**
- DIMENSIONS, COORDINATES & ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE.
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CULVERT STATION	LOCATION	INLET	OUTLET
14+825	EX. CULVERT INVERT	BURIED	BURIED
	PROP. DITCH BOTTOM	N/A	N/A
15+010	EX. CULVERT INVERT	1.1	1.8
	PROP. DITCH BOTTOM	0.9	1.3



ISSUED FOR TENDER



Scale: 1: 2 500 (metres)

A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15
Revision/	Description/Description	Date/Date
Revision		
Client/client		

PUBLIC SERVICES AND PROCUREMENT CANADA



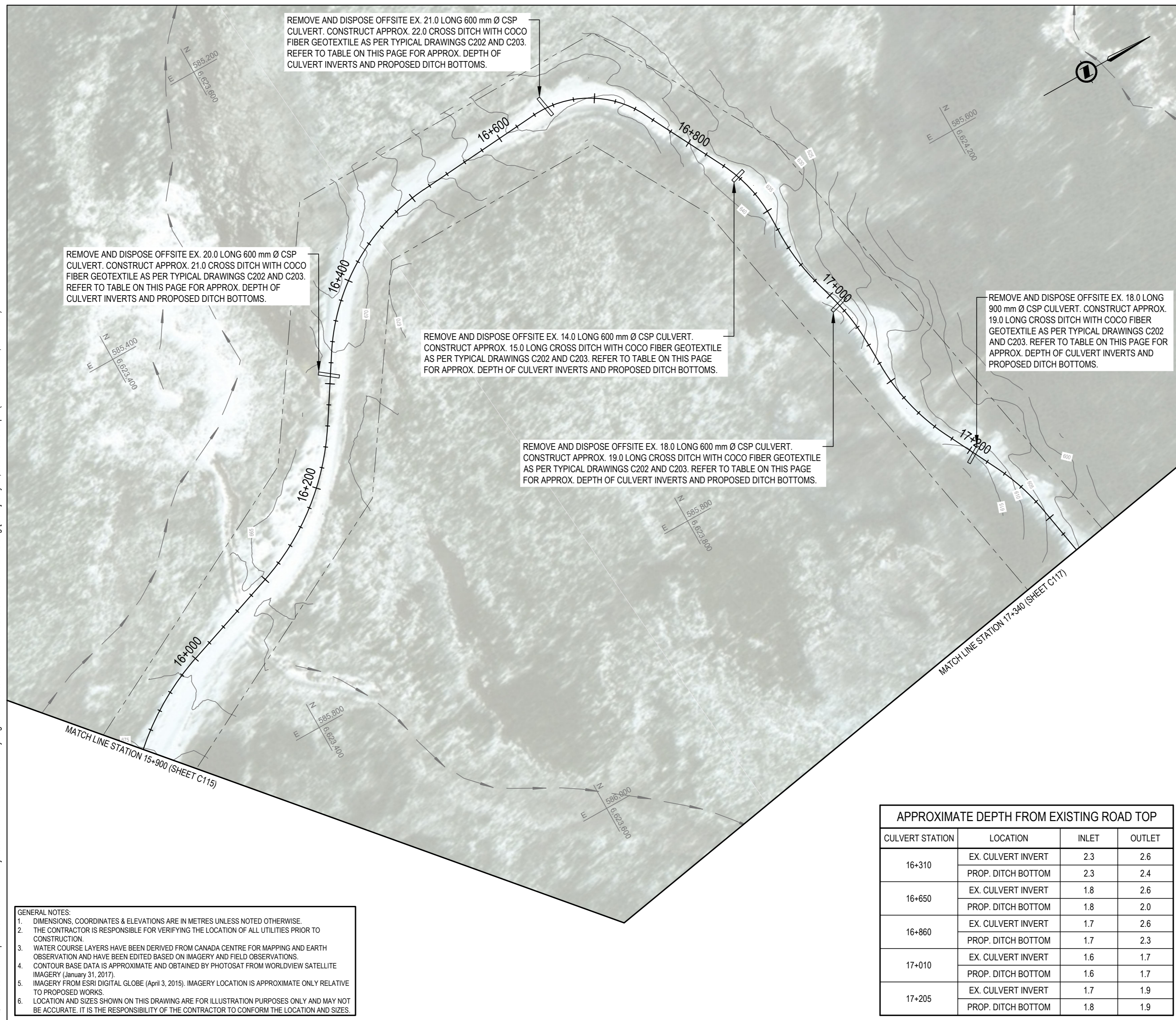
Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approve par
G. WILKINS
Designed by/Concept par
T. TAKEDA / A. HORWOOD
Drawn by/Dessine par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 15+900 TO STA. 17+340**

Project No./No. du projet R.110770.001	Sheet/Feuille C116	Revision no./La Révision no. A
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REMOVE AND DISPOSE OFFSITE EX. 21.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 22.0 CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

REMOVE AND DISPOSE OFFSITE EX. 20.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 21.0 CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

REMOVE AND DISPOSE OFFSITE EX. 14.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 15.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

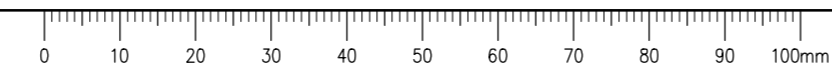
REMOVE AND DISPOSE OFFSITE EX. 18.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 19.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

REMOVE AND DISPOSE OFFSITE EX. 18.0 LONG 900 mm Ø CSP CULVERT. CONSTRUCT APPROX. 19.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS.

- GENERAL NOTES:
- DIMENSIONS, COORDINATES & ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE.
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 - WATER COURSE LAYERS HAVE BEEN DERIVED FROM CANADA CENTRE FOR MAPPING AND EARTH OBSERVATION AND HAVE BEEN EDITED BASED ON IMAGERY AND FIELD OBSERVATIONS.
 - CONTOUR BASE DATA IS APPROXIMATE AND OBTAINED BY PHOTOSAT FROM WORLDVIEW SATELLITE IMAGERY (January 31, 2017).
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APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
16+310	EX. CULVERT INVERT	2.3	2.6
	PROP. DITCH BOTTOM	2.3	2.4
16+650	EX. CULVERT INVERT	1.8	2.6
	PROP. DITCH BOTTOM	1.8	2.0
16+860	EX. CULVERT INVERT	1.7	2.6
	PROP. DITCH BOTTOM	1.7	2.3
17+010	EX. CULVERT INVERT	1.6	1.7
	PROP. DITCH BOTTOM	1.6	1.7
17+205	EX. CULVERT INVERT	1.7	1.9
	PROP. DITCH BOTTOM	1.8	1.9

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- GENERAL NOTES:
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NOTE:
SEE APPENDIX K OF SPECIFICATIONS FOR DEBRIS REMOVAL DESCRIPTIONS

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

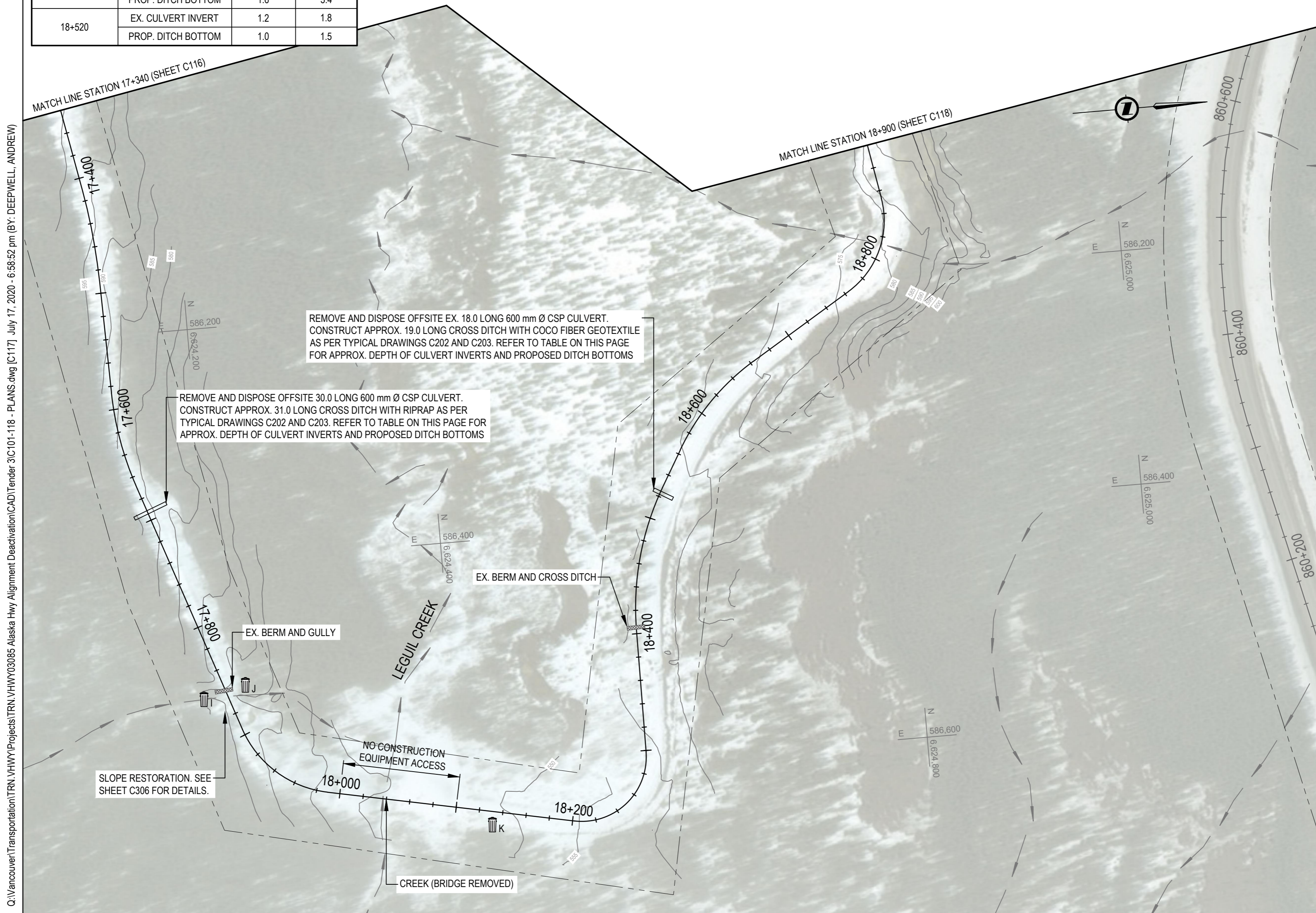
ISSUED FOR TENDER



Scale: 1: 2 500 (metres)

APPROXIMATE DEPTH FROM EXISTING ROAD TOP

CULVERT STATION	LOCATION	INLET	OUTLET
17+690	EX. CULVERT INVERT	1.6	3.1
	PROP. DITCH BOTTOM	1.6	3.4
18+520	EX. CULVERT INVERT	1.2	1.8
	PROP. DITCH BOTTOM	1.0	1.5



REMOVE AND DISPOSE OFFSITE EX. 18.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 19.0 LONG CROSS DITCH WITH COCO FIBER GEOTEXTILE AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS

REMOVE AND DISPOSE OFFSITE 30.0 LONG 600 mm Ø CSP CULVERT. CONSTRUCT APPROX. 31.0 LONG CROSS DITCH WITH RIPRAP AS PER TYPICAL DRAWINGS C202 AND C203. REFER TO TABLE ON THIS PAGE FOR APPROX. DEPTH OF CULVERT INVERTS AND PROPOSED DITCH BOTTOMS

SLOPE RESTORATION. SEE SHEET C306 FOR DETAILS.

NO CONSTRUCTION EQUIPMENT ACCESS

CREEK (BRIDGE REMOVED)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

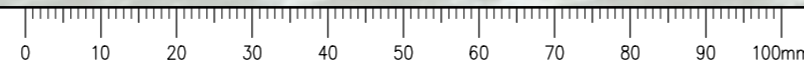
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 17+340 TO STA. 18+900**

Project No./No. du projet R.110770.001	Sheet/Feuille C117	Revision no./La Révision no. A
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ISSUED FOR TENDER



Scale: 1: 2 500 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

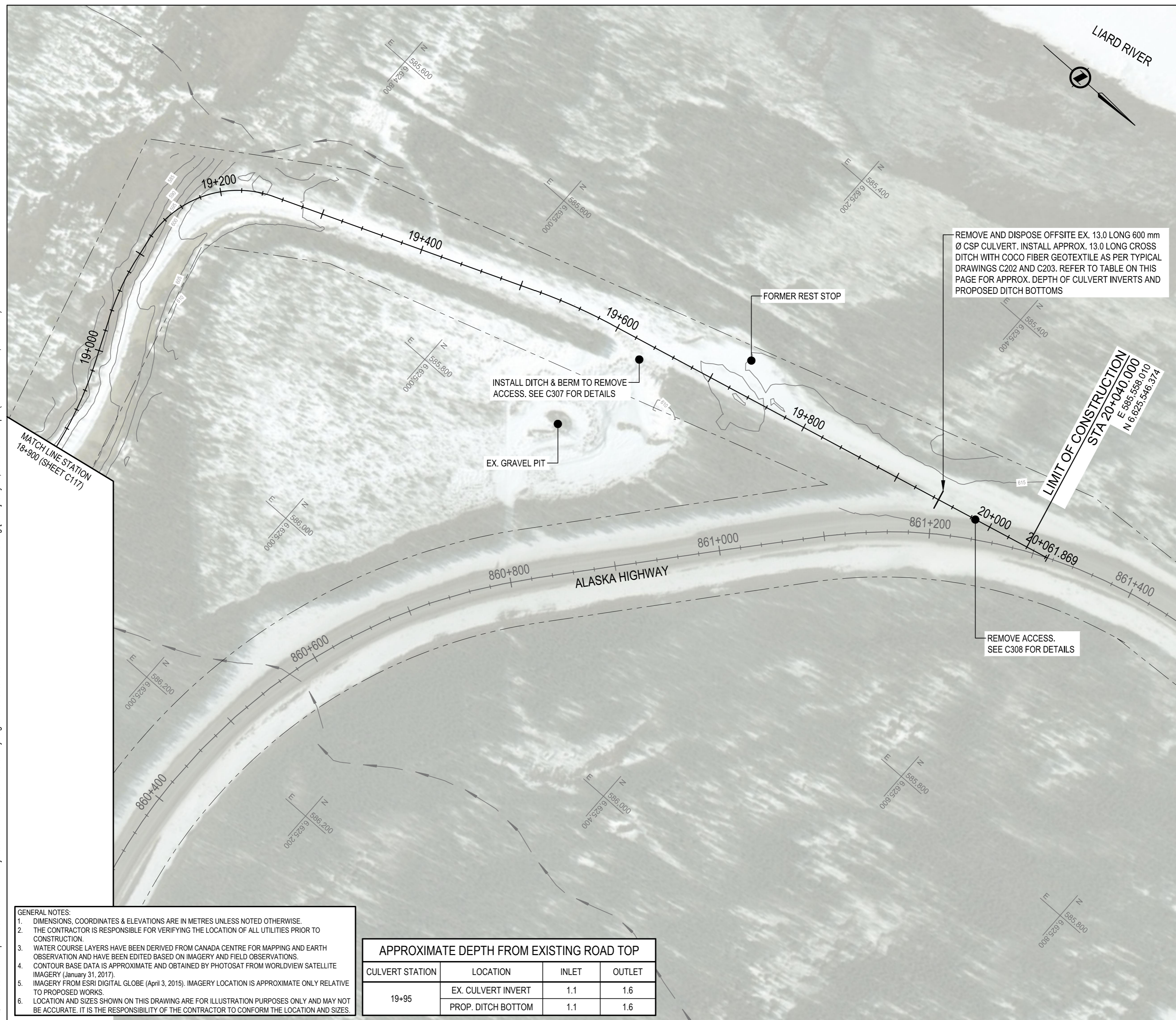
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**PLAN
STA. 18+900 TO STA. 19+940**

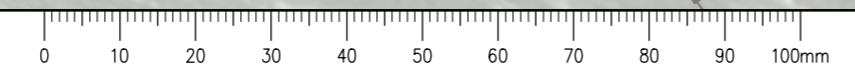
Project No./No. du projet R.110770.001	Sheet/Feuille C118	Revision no./La Révision no. A
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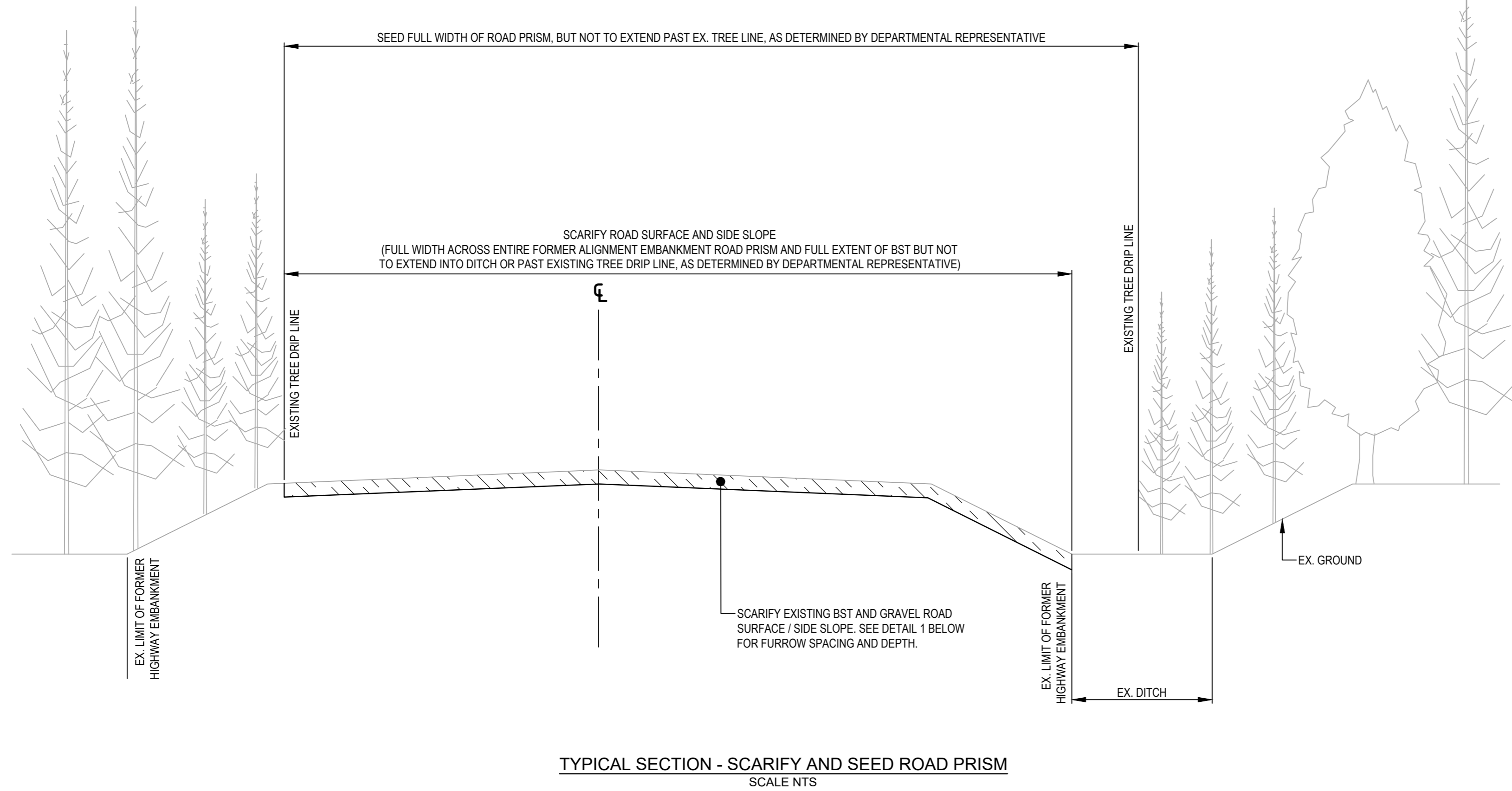
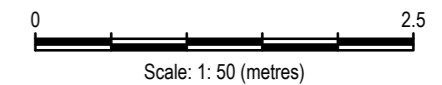
- GENERAL NOTES:
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APPROXIMATE DEPTH FROM EXISTING ROAD TOP			
CULVERT STATION	LOCATION	INLET	OUTLET
19+95	EX. CULVERT INVERT	1.1	1.6
	PROP. DITCH BOTTOM	1.1	1.6

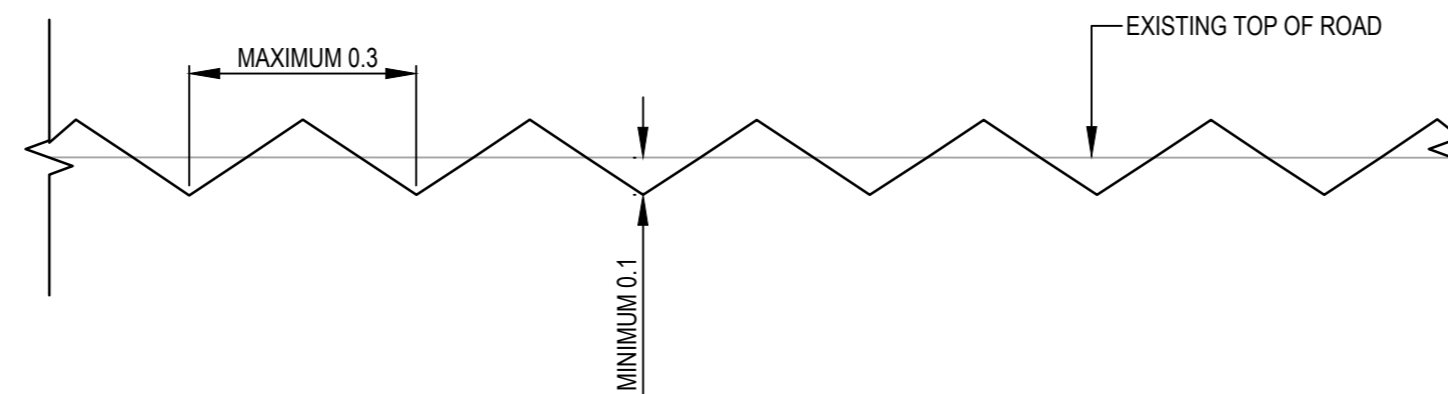


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 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION

ISSUED FOR TENDER



TYPICAL SECTION - SCARIFY AND SEED ROAD PRISM
SCALE NTS



DETAIL 1 - FURROW SPACING AND DEPTH
SCALE 1:10

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
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Drawn by/Dessiné par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
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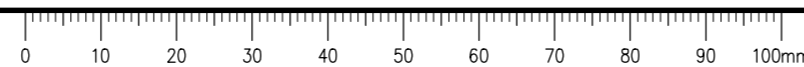
PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
TYPICAL SCARIFICATION AND SEEDING OF ROAD SURFACE

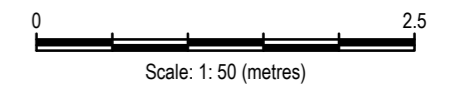
Project No./No. du projet R.110770.001	Sheet/Feuille C201	Revision no./La Révision no. A
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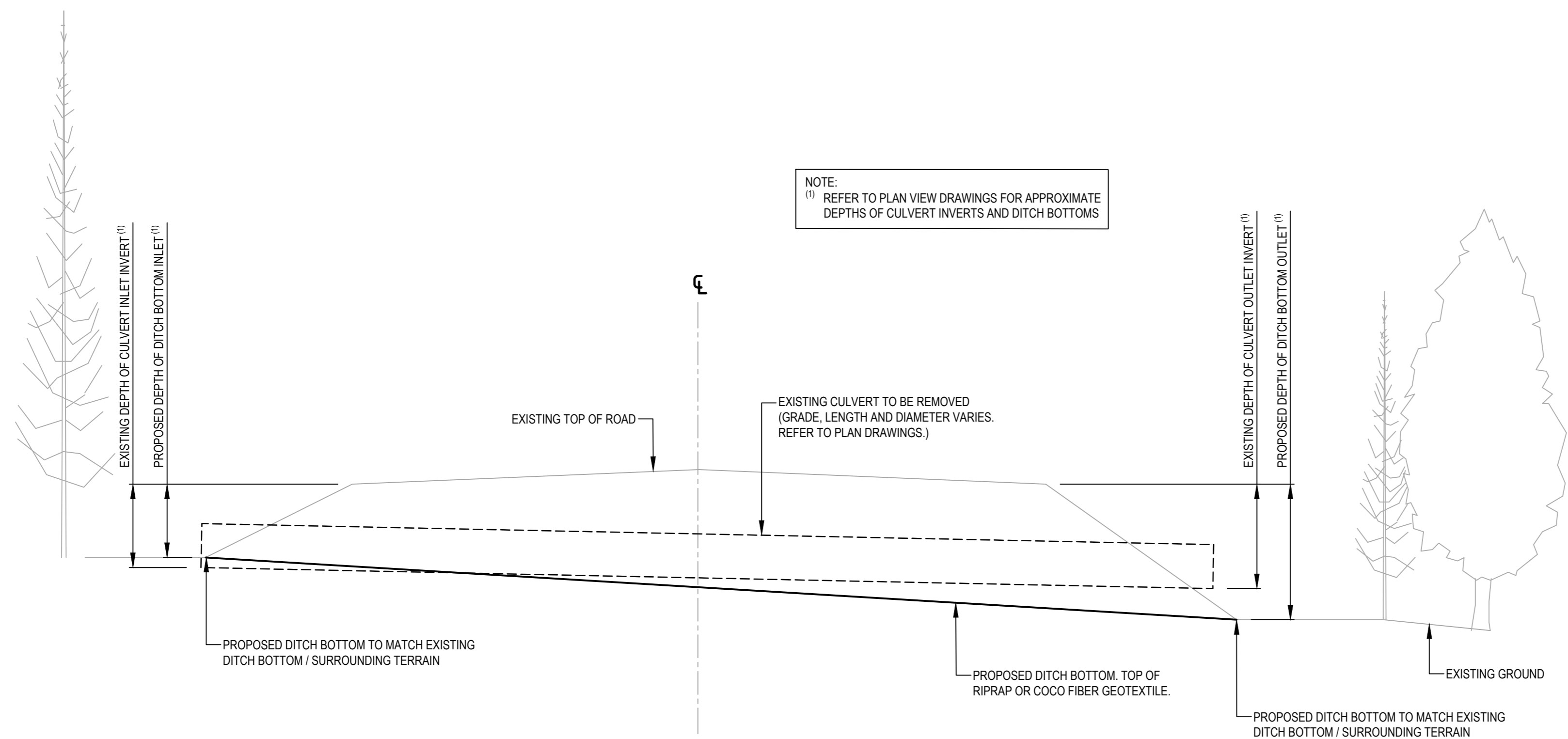


GENERAL NOTES:
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ISSUED FOR TENDER



NOTE:
 (1) REFER TO PLAN VIEW DRAWINGS FOR APPROXIMATE DEPTHS OF CULVERT INVERTS AND DITCH BOTTOMS



TYPICAL CULVERT REMOVAL AND CROSS DITCH CONSTRUCTION PROFILE
 SCALE 1:50

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approve par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
 A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

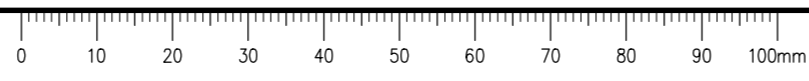
PWGSC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**TYPICAL CULVERT REMOVAL
 AND CROSS DITCH
 CONSTRUCTION - PROFILE**

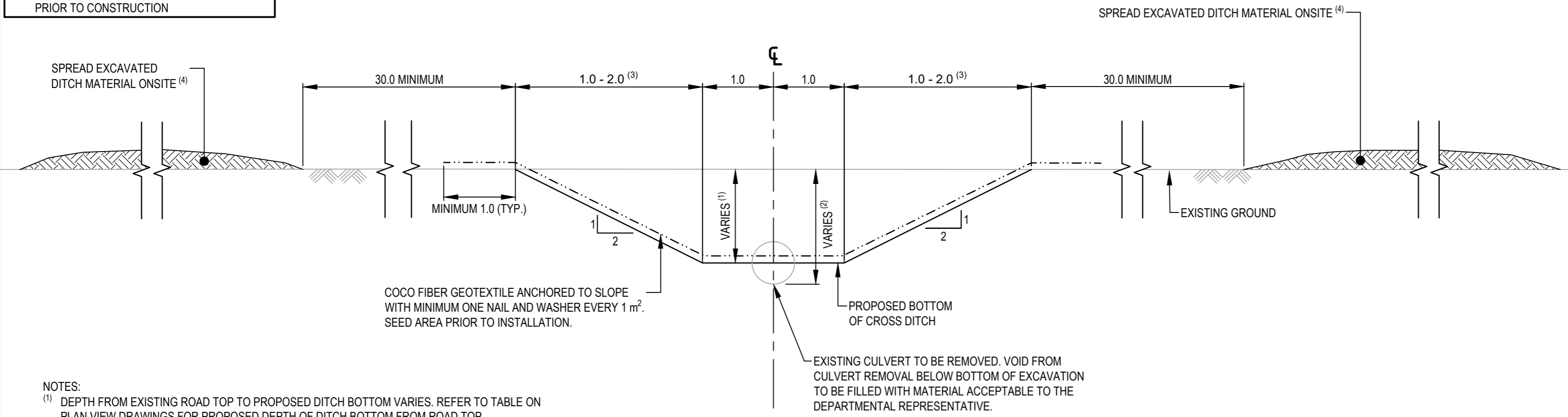
Project No./No. du projet R.110770.001	Sheet/Feuille C202	Revision no./La Révision no. A
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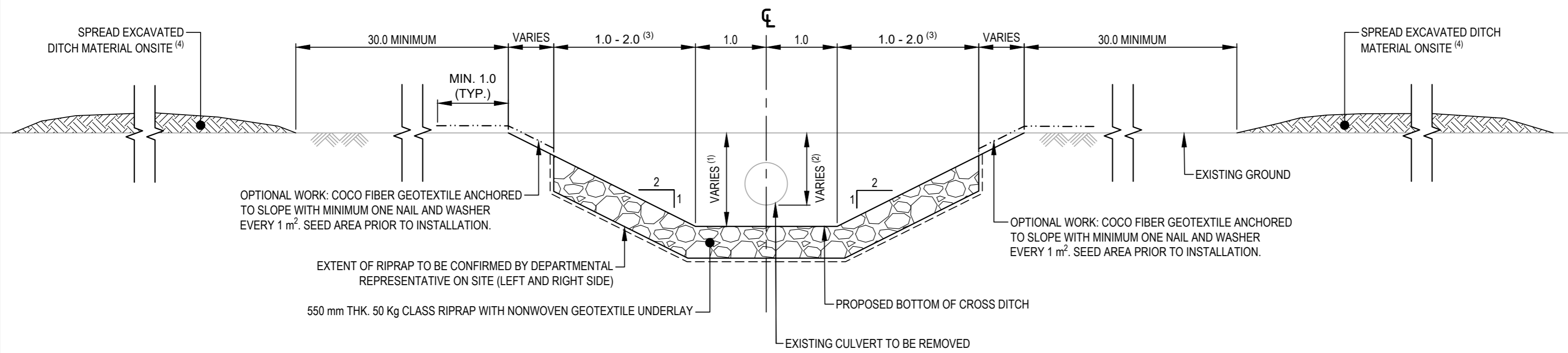
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NOTES:

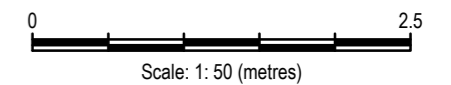
- (1) DEPTH FROM EXISTING ROAD TOP TO PROPOSED DITCH BOTTOM VARIES. REFER TO TABLE ON PLAN VIEW DRAWINGS FOR PROPOSED DEPTH OF DITCH BOTTOM FROM ROAD TOP.
- (2) DEPTH OF EXISTING CULVERT VARIES. REFER TO TABLE ON PLAN VIEW DRAWINGS FOR APPROXIMATE DEPTH OF EXISTING CULVERT BOTTOM FROM ROAD TOP.
- (3) 1.0 M WHEN EXISTING CULVERT BEING REMOVED IS ≤ 750 MM \varnothing
 2.0 M WHEN EXISTING CULVERT BEING REMOVED IS ≥ 750 AND < 1300 MM \varnothing
- (4) ALL EXCAVATED DITCH MATERIAL SHALL BE PLACED ON FORMER ALIGNMENT EMBANKMENT AND ROAD TOP IN LOCATIONS WHICH DO NOT CREATE PONDING OR ADVERSELY AFFECT DRAINAGE. ALL MATERIAL SHALL BE SPREAD AND FLATTENED TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE WITH A MAXIMUM THICKNESS OF EXCAVATED MATERIAL PLACED ≤ 1.0 . ALL EXCAVATED MATERIAL SHALL BE SEED.

TYPICAL SECTION CROSS DITCH WITH COCO FIBER GEOTEXTILE
 SCALE 1:50



TYPICAL SECTION CROSS DITCH WITH RIPRAP
 SCALE 1:50

ISSUED FOR TENDER



Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet

**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approve par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
 A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

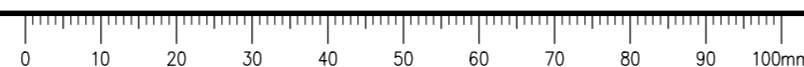
PWGSC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

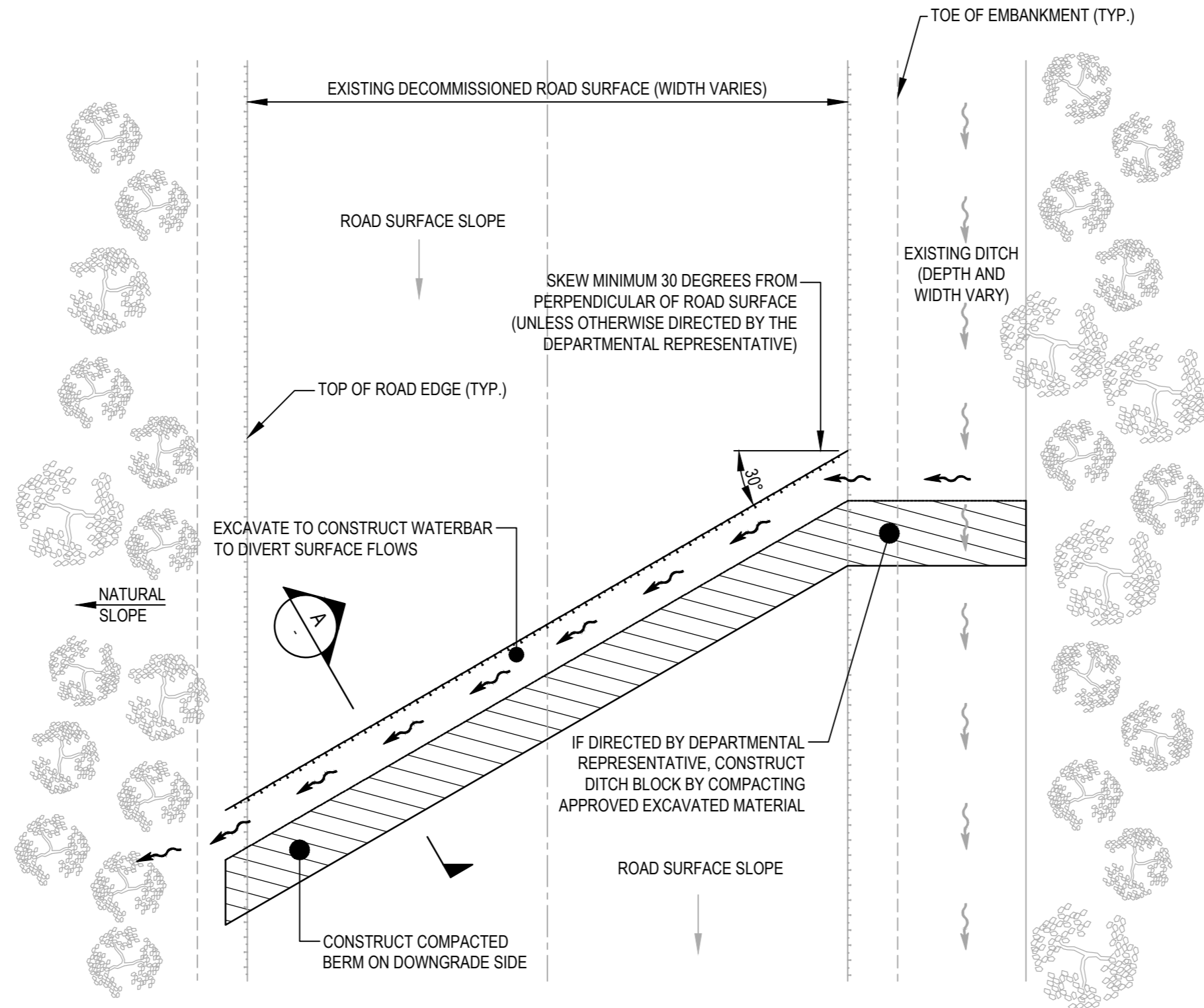
Drawing title/Titre du dessin

TYPICAL CULVERT REMOVAL AND CROSS DITCH CONSTRUCTION - SECTIONS

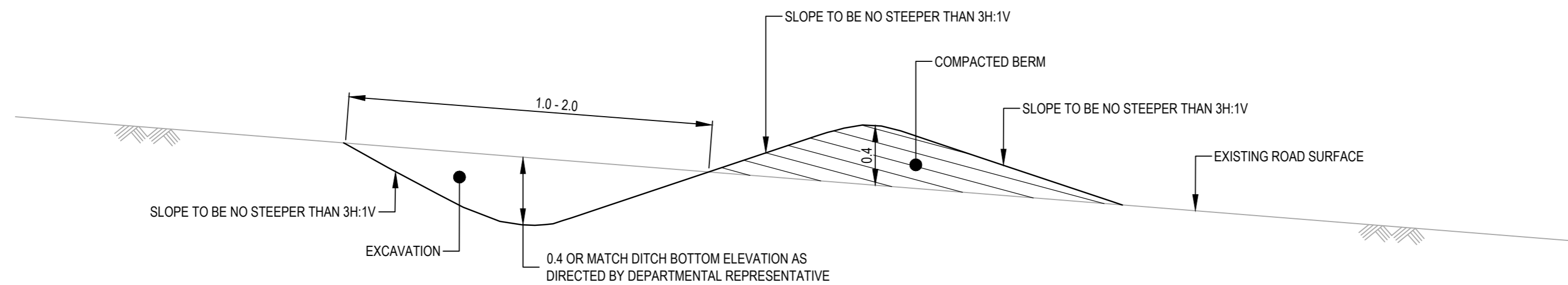
Project No./No. du projet R.110770.001	Sheet/Feuille C203	Revision no./La Révision no. A
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GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION



TYPICAL WATERBAR
 PLAN VIEW
 NTS



SECTION A
 WATERBAR
 NTS

ISSUED FOR TENDER



Scale: 1:50 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet

DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC

Approved by/Approuvé par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
 A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

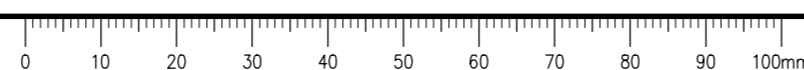
Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

TYPICAL WATERBAR
 (OPTIONAL WORK)

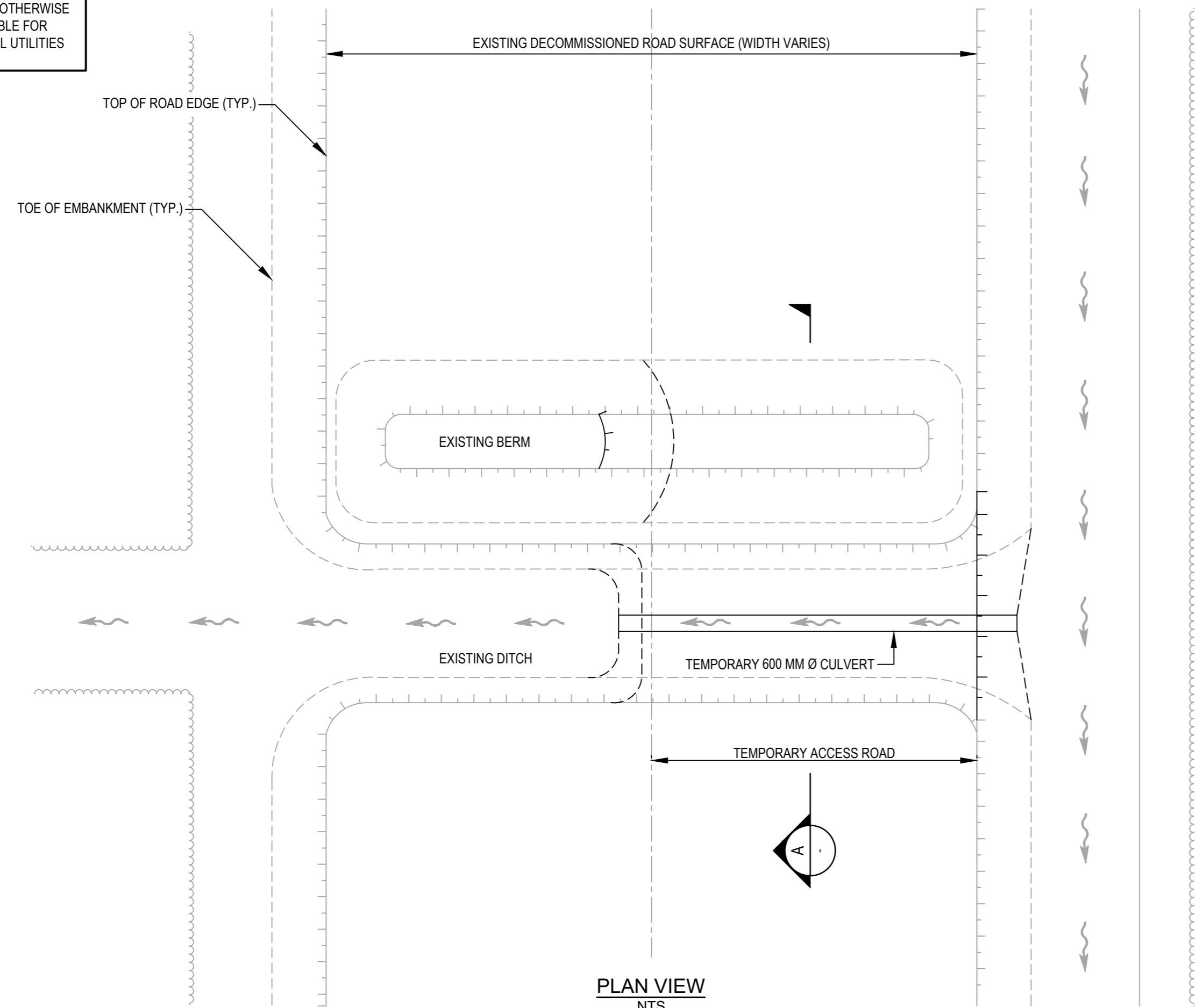
Project No./No. du projet R.110770.001	Sheet/Feuille C204	Revision no./La Révision no. A
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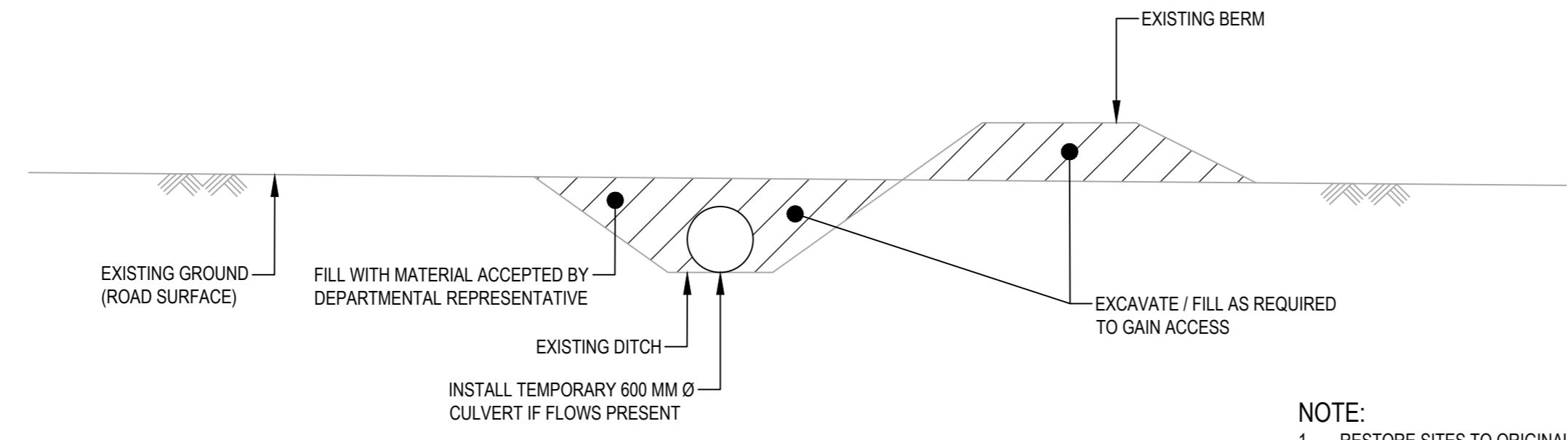


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GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION

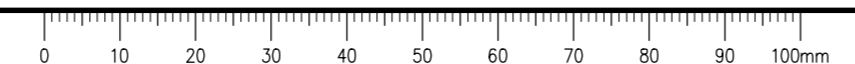


PLAN VIEW
NTS

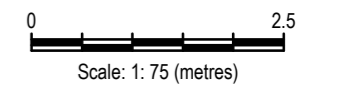


SECTION A
TEMPORARY ACCESS CONSTRUCTION AT DITCH AND BERM
NTS

NOTE:
 1. RESTORE SITES TO ORIGINAL CONDITION AT THE COMPLETION OF THE PROJECT.



ISSUED FOR TENDER



Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approuvé par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
 A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

PWGSC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**KM 0.25, KM 0.33, KM 6.25,
 KM 11.32, KM 17.84 & KM 18.40
 TEMPORARY ACCESS
 CONSTRUCTION**

Project No./No. du projet R.110770.001	Sheet/Feuille C301	Revision no./La Révision no. A
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GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. DETAILS SHOWN ON THIS DRAWING ARE FOR ILLUSTRATION PURPOSED ONLY AND MAY NOT BE ACCURATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM A SITE ASSESSMENT TO CONFIRM THE ACTUAL LOCATIONS OF THE CULVERT AND ANY OTHER MATERIAL

EXISTING CULVERT TO BE REMOVED.
 SEE SHEET C101 FOR DETAILS

EXISTING CULVERT TO REMAIN

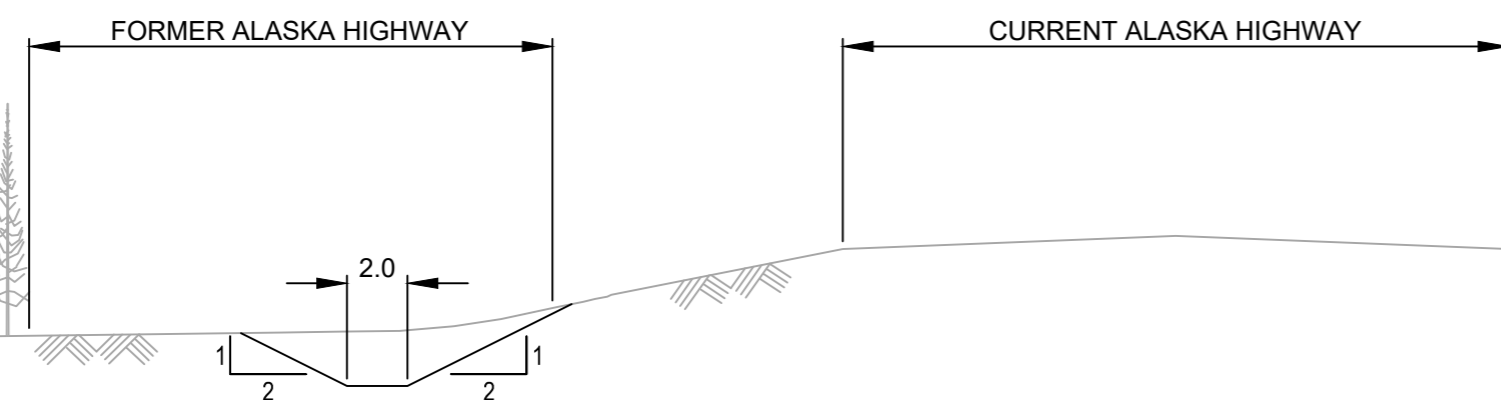
ALASKA HIGHWAY CENTERLINE

ALASKA HIGHWAY

PROPOSED 0.6 MIN. DITCH BOTTOM.
 GRADE TO DRAIN AT BOTH ENDS

APPROX. 21.0

PROPOSED SEED AREA
 PROPOSED ROAD SCARIFICATION
 (SEE C201 FOR DETAILS)



SECTION A
 TYPICAL DITCH CONSTRUCTION FOR ACCESS REMOVAL
 NTS

LIMIT OF CONSTRUCTION
 STA 0+020.000



ISSUED FOR TENDER



Scale: 1:500 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet

DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC

Approved by/Approuvé par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
 A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

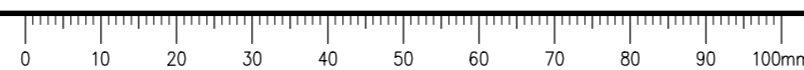
PWGC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

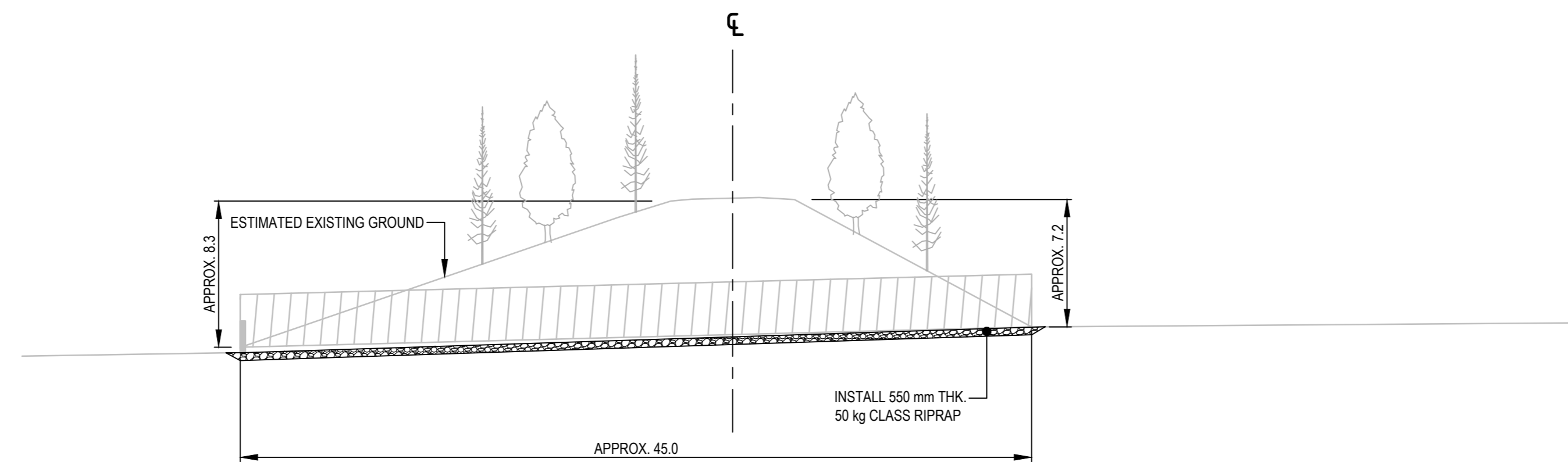
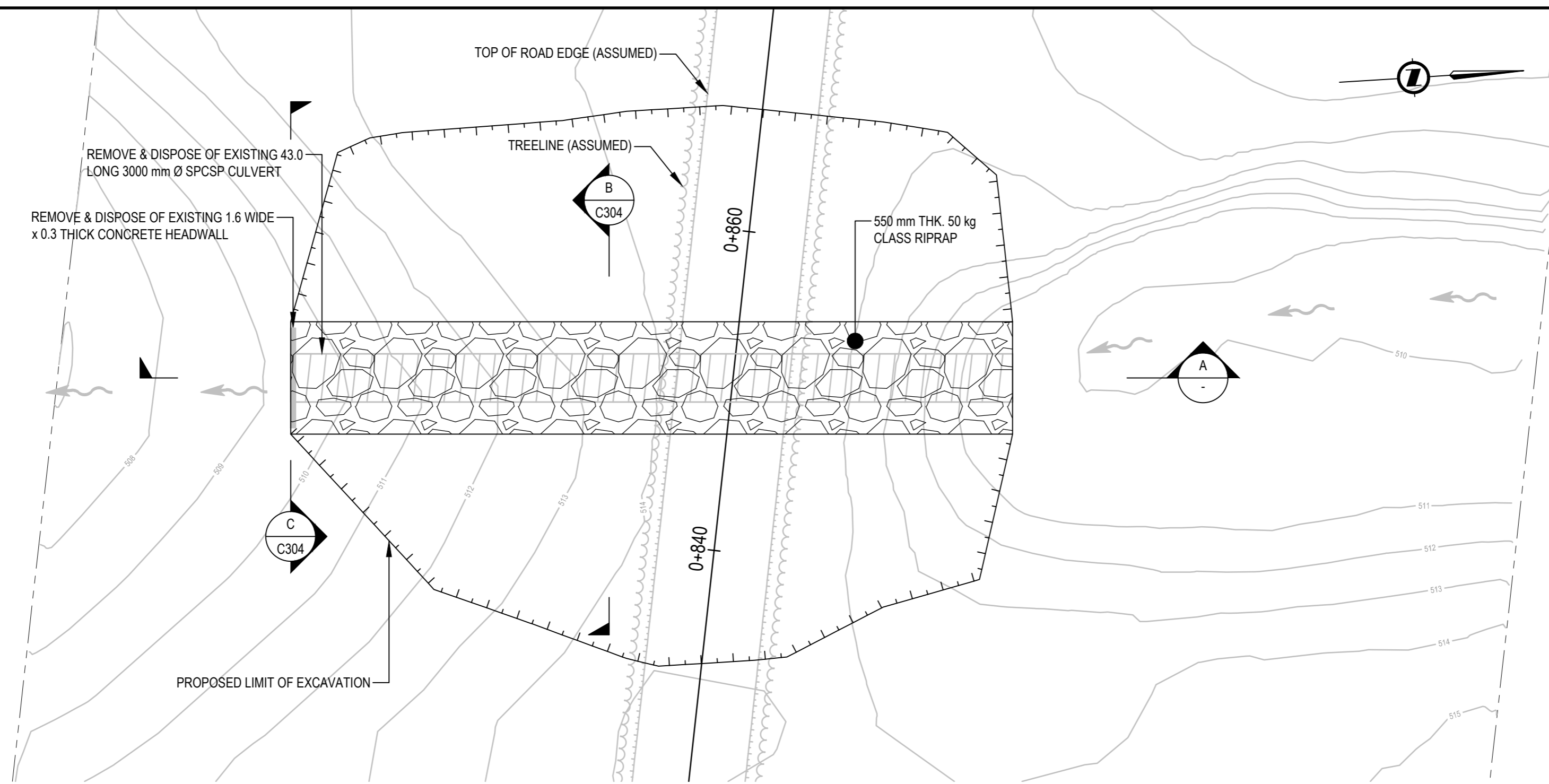
Drawing title/Titre du dessin
 KM 0.00
 ROAD ACCESS REMOVAL
 BY DITCH CONSTRUCTION

Project No./No. du projet R.110770.001	Sheet/Feuille C302	Revision no./La Révision no. A
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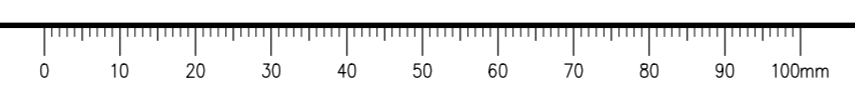
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C:\Vancouver\Transportation\TRN\VHWY\Projects\TRN\VHWY03085\Alaska Hwy Alignment Deactivation\CAD\Tender 3\C303-304_306_404 - KM 0.86 CULVERT REMOVAL & KM 17.84 SLOPE - 20200717.dwg [C303] July 17, 2020 - 6:23:41 pm (BY: TAKEDA, TAKUMA)



SECTION A
1:250



ISSUED FOR TENDER



Scale: 1:250 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approuvé par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
 A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

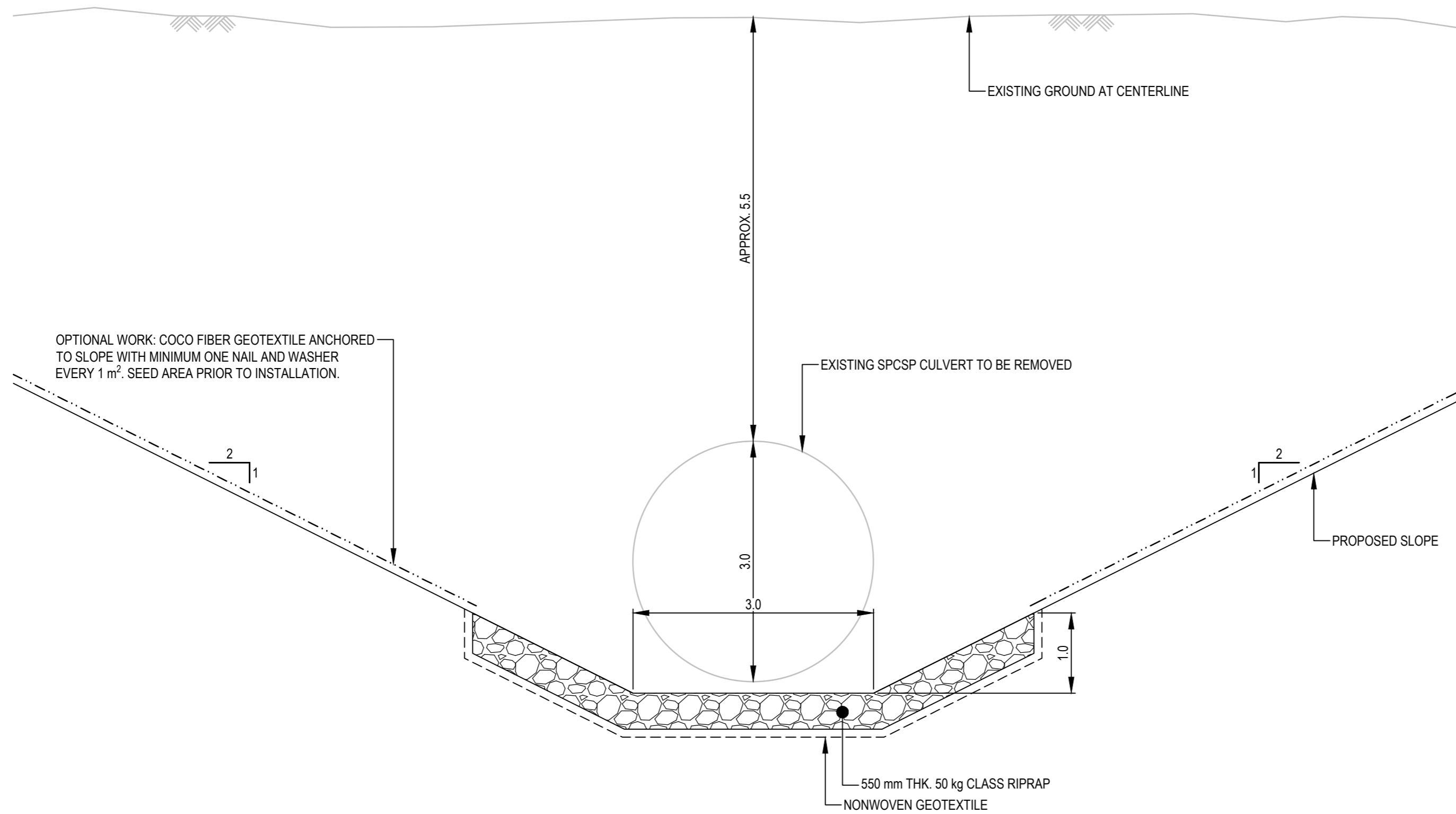
PWGC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

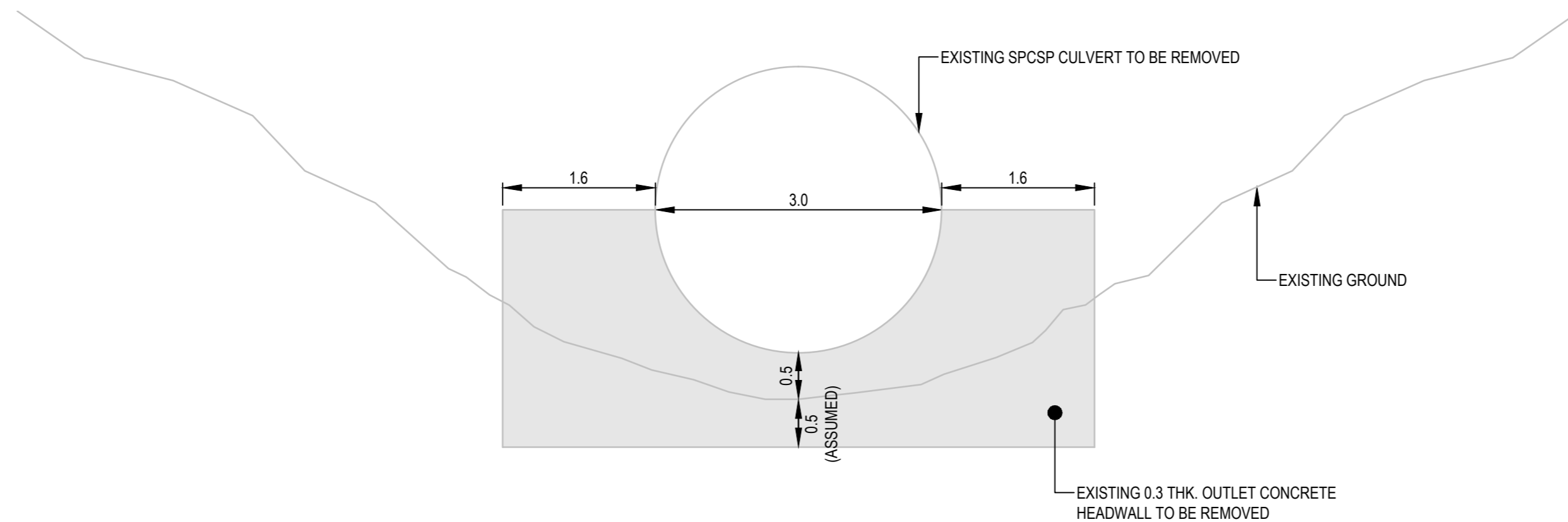
Drawing title/Titre du dessin
**KM 0.86
 CULVERT REMOVAL & CROSS
 DITCH CONSTRUCTION
 PLAN / PROFILE**

Project No./No. du projet R.110770.001	Sheet/Feuille C303	Revision no./La Révision no. A
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SECTION B
1:50
C303
TYPICAL CHANNEL SECTION



SECTION C
1:50
C303
EXISTING OUTLET CONCRETE HEADWALL

ISSUED FOR TENDER



Scale: 1:50 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

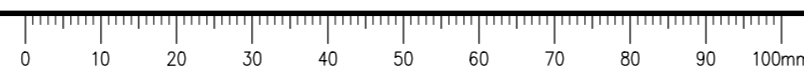
PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

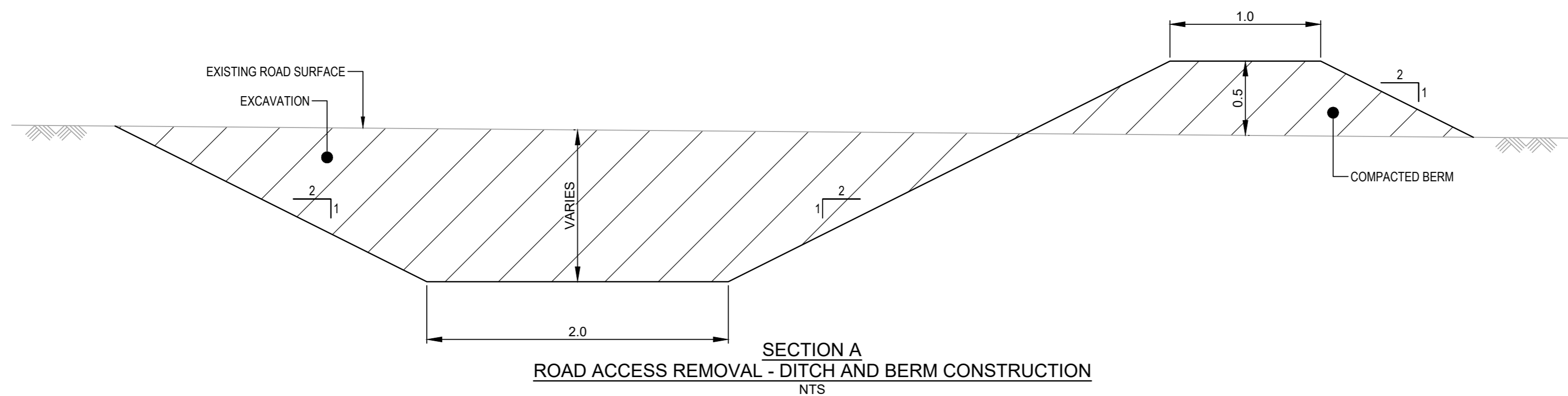
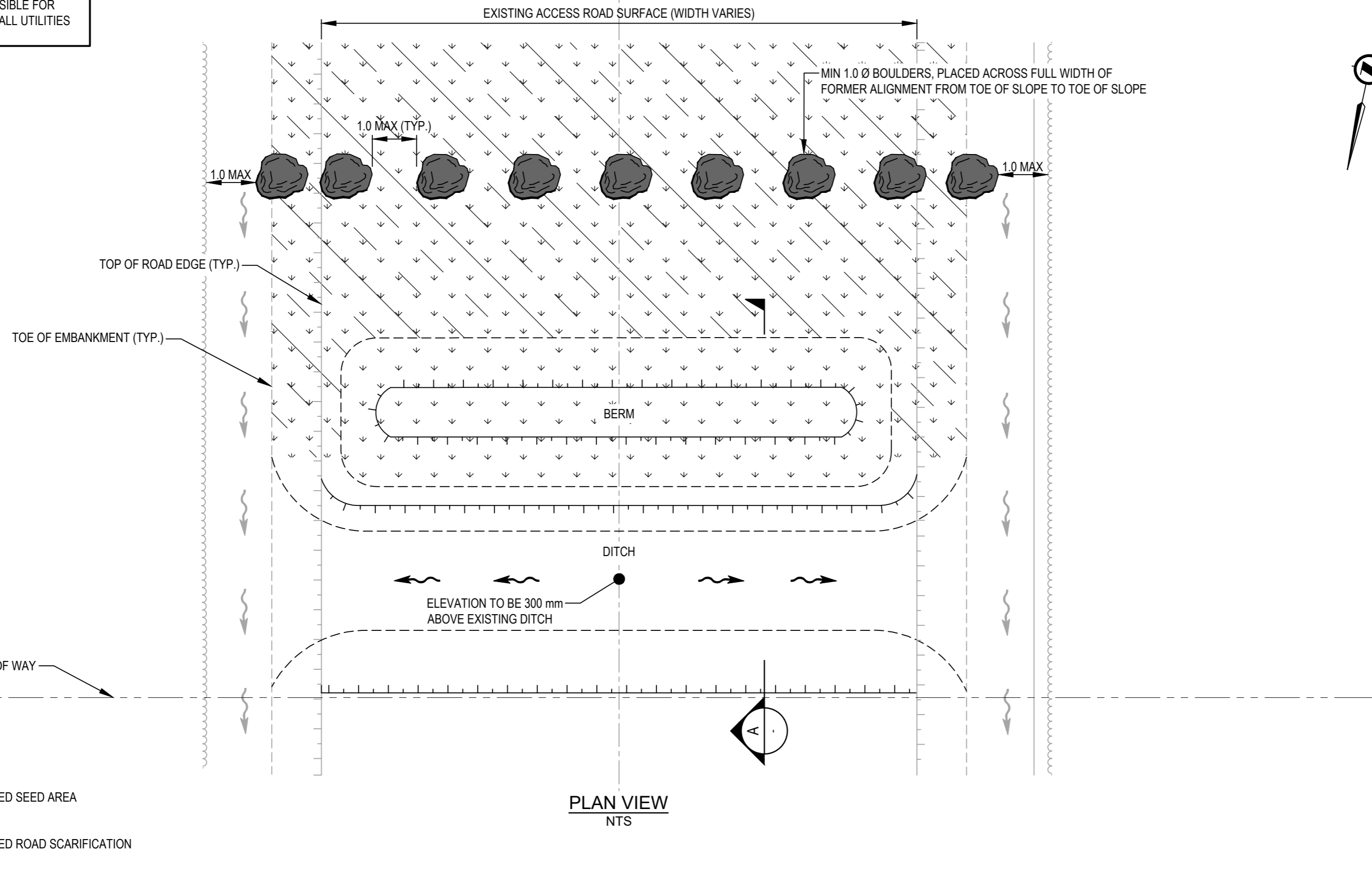
Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**KM 0.86
CULVERT REMOVAL & CROSS
DITCH CONSTRUCTION
SECTIONS**

Project No./No. du projet R.110770.001	Sheet/Feuille C304	Revision no./La Révision no. A
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- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION



ISSUED FOR TENDER



Scale: 1:75 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

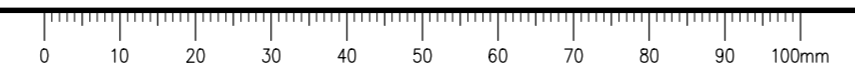
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**KM 6.53
ACCESS REMOVAL
BY DITCH AND BERM
CONSTRUCTION**

Project No./No. du projet R.110770.001	Sheet/Feuille C305	Revision no./La Révision no. A
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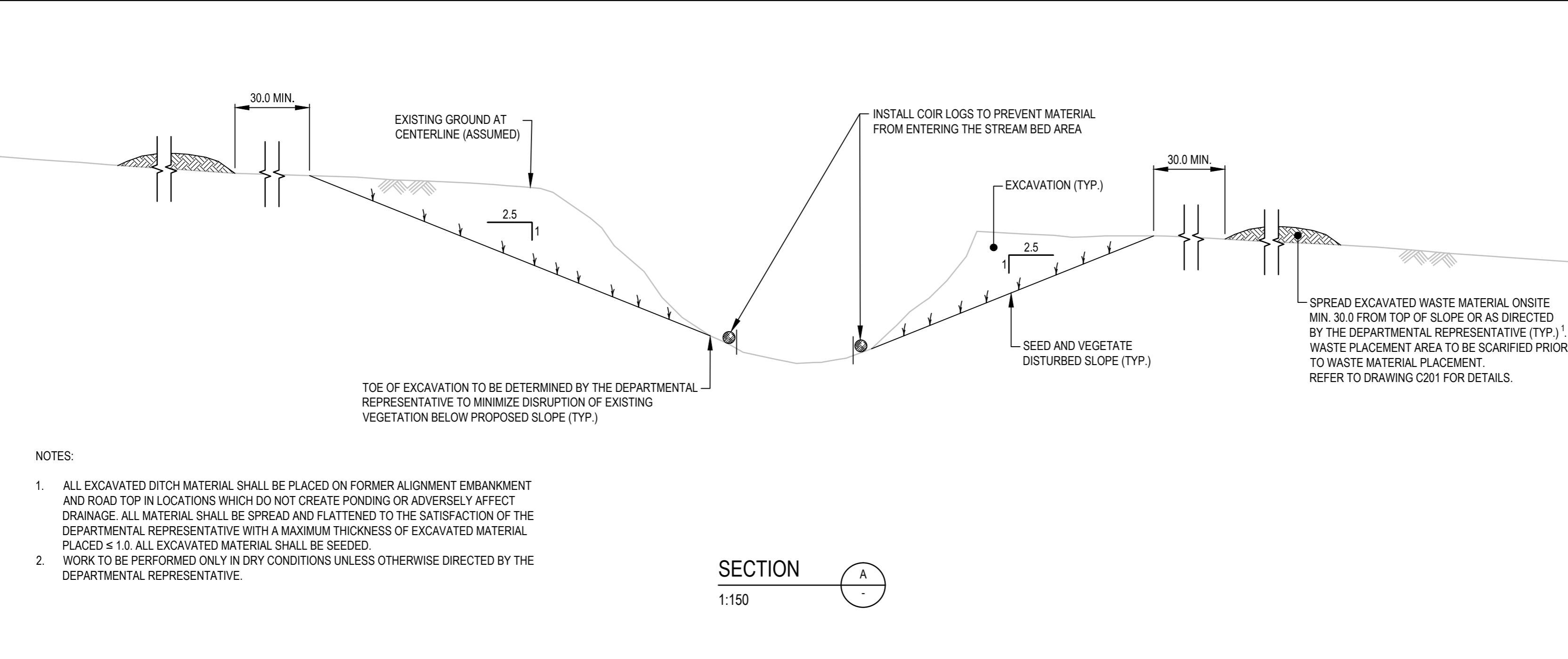
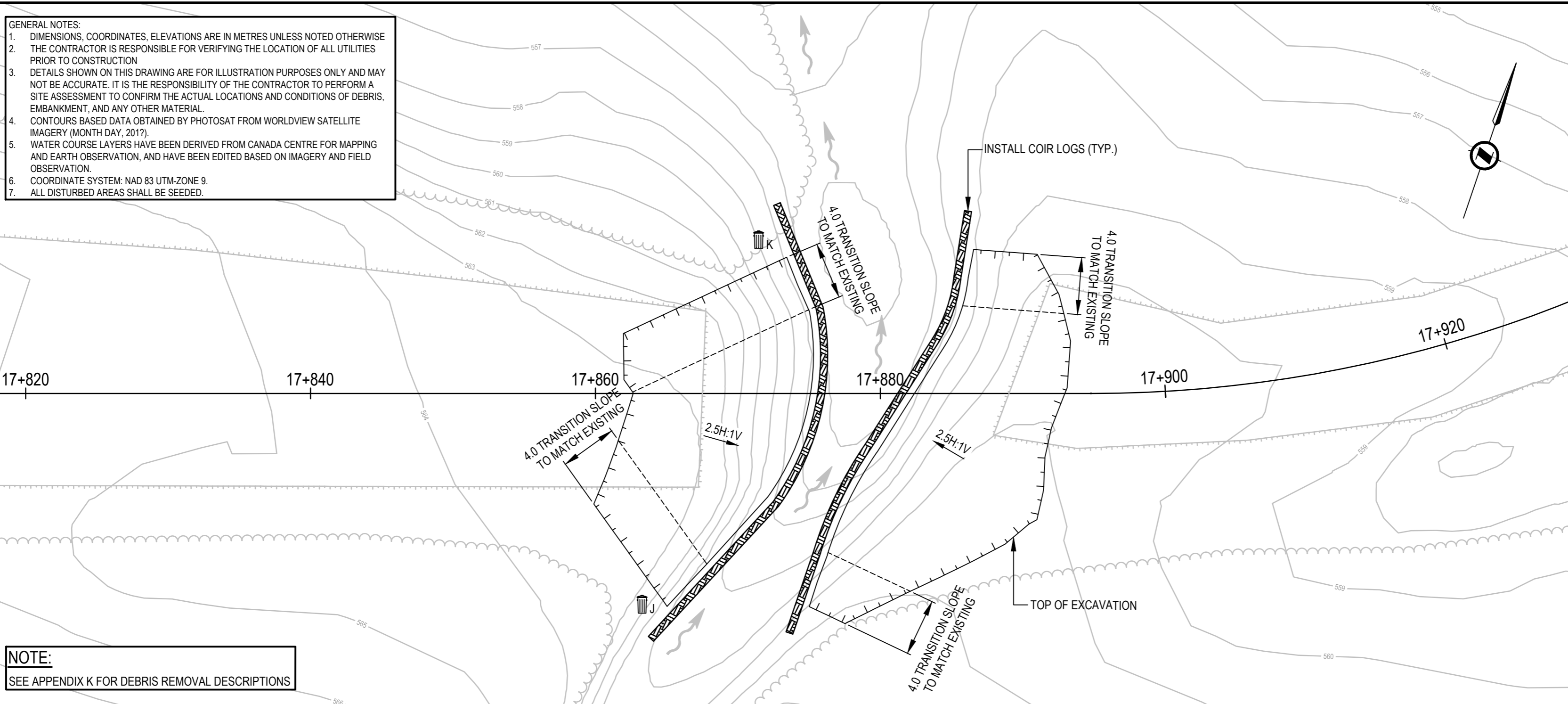
C:\Vancouver\Transportation\TRN\VHWY\Projects\TRN.VHWY03085-Alaska Hwy Alignment Deactivation\CAD\Tender 3\C201-204, 301-302, 305, 307-308 - TYPICAL SECTION & DETAILS.dwg [C305] July 17, 2020 - 6:02:55 pm (BY: TAKEDA, TAKUMA)



C:\Vancouver\Transportation\TRN.VHWY\Projects\TRN.VHWY03085-Alaska Hwy Alignment Deactivation\CAD\Tender 3\C303-304_306_404 - KM 0.86 CULVERT REMOVAL & KM 17.84 SLOPE.dwg [C306] July 17, 2020 - 6:08:10 pm (BY: TAKEDA, TAKUMA)

- GENERAL NOTES:**
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 - DETAILS SHOWN ON THIS DRAWING ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE ACCURATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM A SITE ASSESSMENT TO CONFIRM THE ACTUAL LOCATIONS AND CONDITIONS OF DEBRIS, EMBANKMENT, AND ANY OTHER MATERIAL.
 - CONTOURS BASED DATA OBTAINED BY PHOTOSAT FROM WORLDVIEW SATELLITE IMAGERY (MONTH DAY, 2017).
 - WATER COURSE LAYERS HAVE BEEN DERIVED FROM CANADA CENTRE FOR MAPPING AND EARTH OBSERVATION, AND HAVE BEEN EDITED BASED ON IMAGERY AND FIELD OBSERVATION.
 - COORDINATE SYSTEM: NAD 83 UTM-ZONE 9.
 - ALL DISTURBED AREAS SHALL BE SEEDED.

NOTE:
SEE APPENDIX K FOR DEBRIS REMOVAL DESCRIPTIONS



- NOTES:**
- ALL EXCAVATED DITCH MATERIAL SHALL BE PLACED ON FORMER ALIGNMENT EMBANKMENT AND ROAD TOP IN LOCATIONS WHICH DO NOT CREATE PONDING OR ADVERSELY AFFECT DRAINAGE. ALL MATERIAL SHALL BE SPREAD AND FLATTENED TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE WITH A MAXIMUM THICKNESS OF EXCAVATED MATERIAL PLACED ≤ 1.0 . ALL EXCAVATED MATERIAL SHALL BE SEEDED.
 - WORK TO BE PERFORMED ONLY IN DRY CONDITIONS UNLESS OTHERWISE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE.

SECTION
1:150

Public Services and Procurement Canada / Services publics et Approvisionnement Canada
REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

ISSUED FOR TENDER



Scale: 1:250 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approve par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
A. DEEPWELL

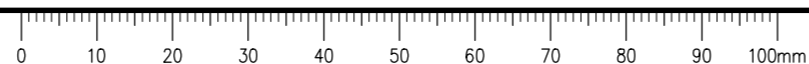
PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

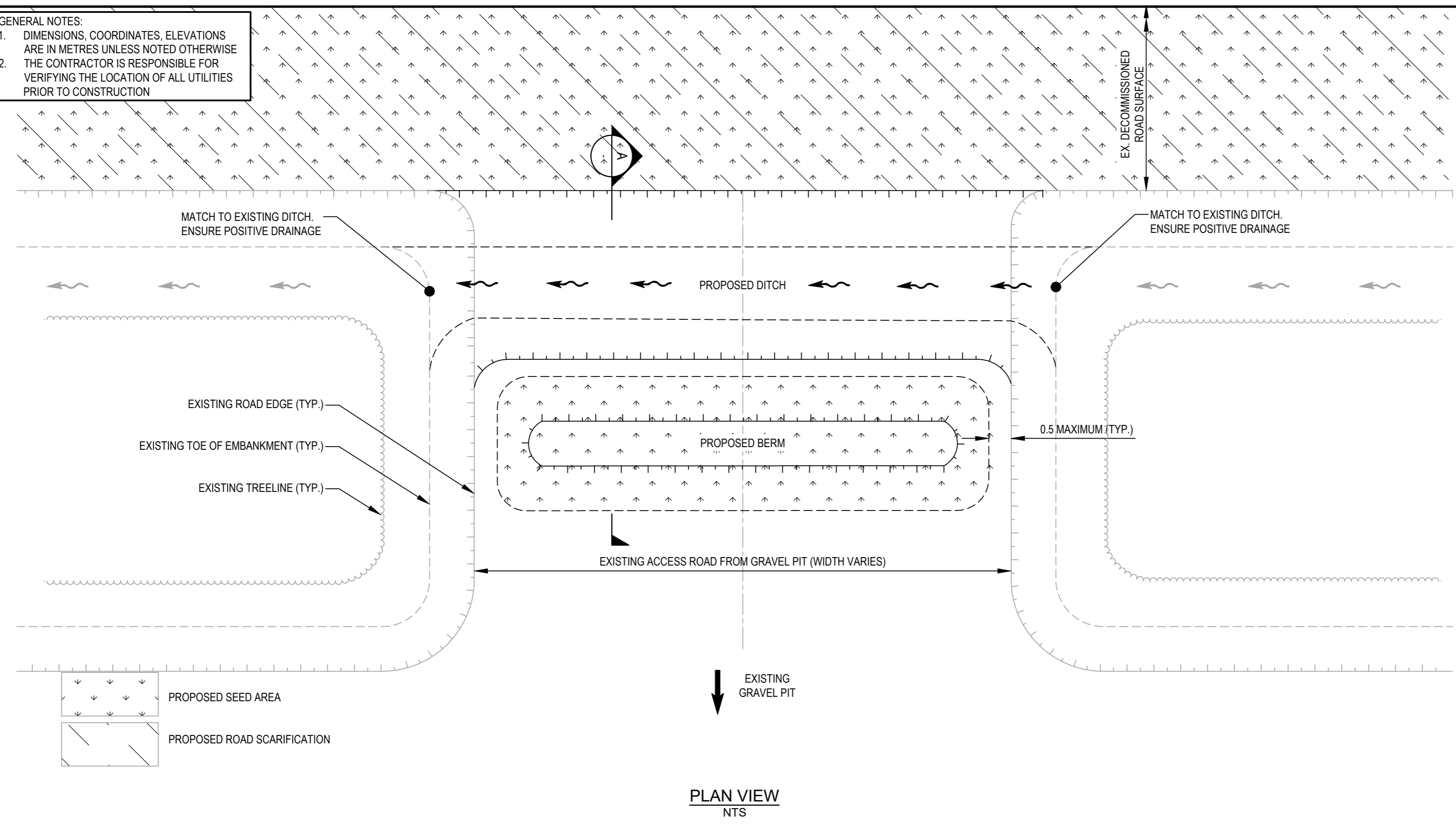
Drawing title/Titre du dessin
**KM 17.84
SLOPE RESTORATION
PLAN / PROFILE**

Project No./No. du projet R.110770.001	Sheet/Feuille C306	Revision no./La Révision no. A
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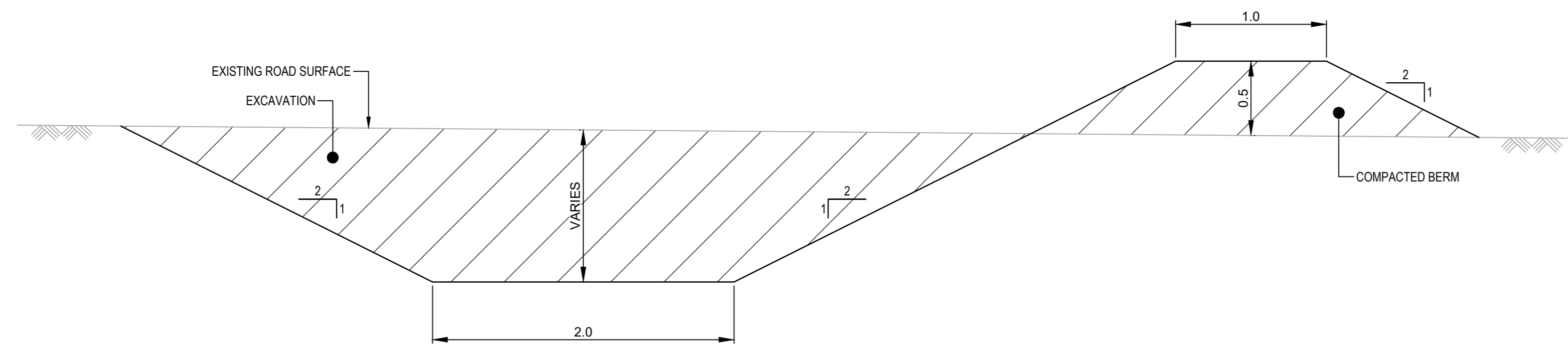


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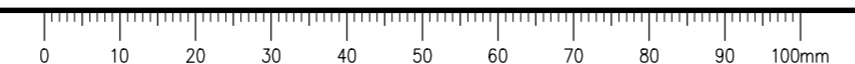
GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION



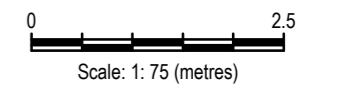
PLAN VIEW
NTS



SECTION A
DITCH AND BERM
NTS



ISSUED FOR TENDER



Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approuvé par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
 A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

PWGSC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

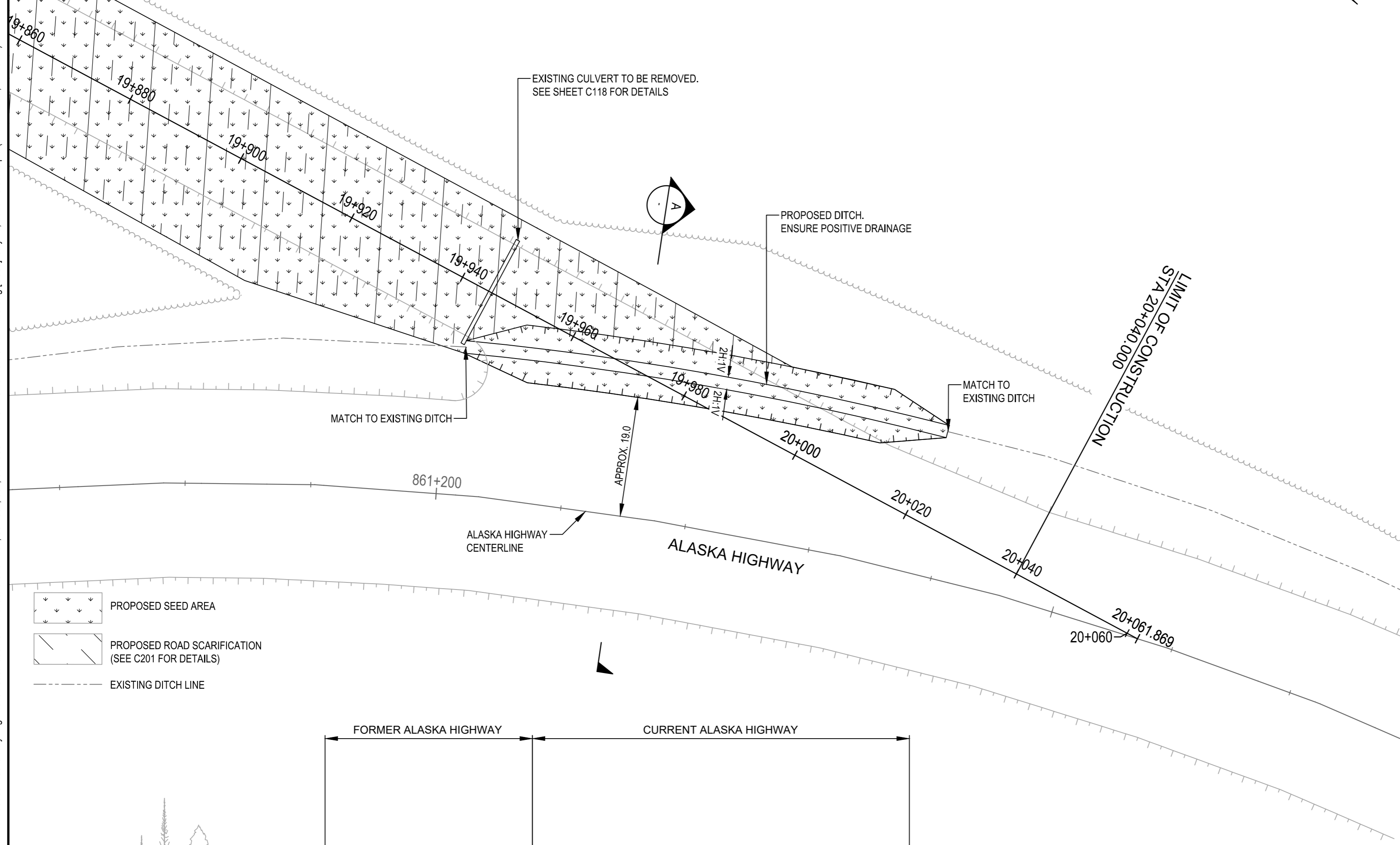
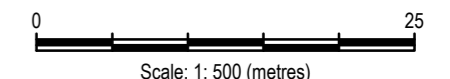
Drawing title/Titre du dessin
**KM 19.62
 ACCESS REMOVAL
 BY DITCH AND BERM
 CONSTRUCTION**


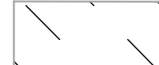

Project No./No. du projet R.110770.001	Sheet/Feuille C307	Revision no./La Révision no. A
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GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. DETAILS SHOWN ON THIS DRAWING ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE ACCURATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM A SITE ASSESSMENT TO CONFIRM THE ACTUAL LOCATIONS OF THE ROAD, DITCH, CULVERT AND ANY OTHER MATERIAL

ISSUED FOR TENDER



-  PROPOSED SEED AREA
-  PROPOSED ROAD SCARIFICATION (SEE C201 FOR DETAILS)
-  EXISTING DITCH LINE



SECTION A
TYPICAL DITCH CONSTRUCTION
 NTS

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approve par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
 A. DEEPWELL

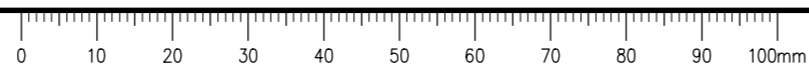
PWGC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

PWGC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**KM 19.96
 ROAD ACCESS REMOVAL
 BY DITCH CONSTRUCTION**

Project No./No. du projet R.110770.001	Sheet/Feuille C308	Revision no./La Révision no. A
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GENERAL NOTES:

1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION

CONSTRUCTION SEQUENCING / STAGING

1. INSTALL COIR LOGS ALONG LIMITS OF EXCAVATION.
2. INSTALL FISH STOP NETTING.
3. PERFORM FISH CAPTURE WITHIN INSTREAM WORK ZONE (FISH NETTING TO FISH NETTING).
4. INSTALL DOWNSTREAM COIR LOGS.
5. INSTALL UPSTREAM PUMPS AND COMMENCE STREAM FLOW DIVERSION INTO PUMPS.
6. INSTALL UPSTREAM CHECK DAM.
7. INSTALL DOWNSTREAM CHECK DAM (IF NECESSARY).
8. INSTALL DOWNSTREAM PUMP (IF NECESSARY).
9. COMPLETE EXCAVATION, REMOVING EXISTING CULVERT AND CREATE STABLE STREAM BANK SLOPE.
10. INSTALL RIPRAP OR COCO FIBER GEOTEXTILE PER DESIGN REQUIREMENTS WITHIN INSTREAM WORK AREA.
11. REMOVE DOWNSTREAM CHECK DAM AND ANY ASSOCIATED MATERIAL.
12. REMOVE DOWNSTREAM PUMP AND ASSOCIATED MATERIAL.
13. REMOVE UPSTREAM CHECK DAM AND ANY ASSOCIATED MATERIAL AND COMMENCE STREAM FLOW THROUGH CHANNEL.
14. REMOVE UPSTREAM PUMP AND ASSOCIATED MATERIAL.
15. REMOVE DOWNSTREAM FISH STOP NETTING AND ASSOCIATED MATERIAL.
16. REMOVE UPSTREAM FISH STOP NETTING AND ASSOCIATED MATERIAL.

ISSUED FOR TENDER



1:100 5m

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet

**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approve par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

PWGC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

**TYPICAL CULVERT REMOVAL
ENVIRONMENTAL STAGING
CONCEPT
PLAN VIEW**

Project No./No. du projet R.110770.001	Sheet/Feuille C401	Revision no./La Révision no. A
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IF WATER TURBIDITY PASSING THROUGH PUMPS EXCEEDS B.C. AQUATIC LIFE WATER QUALITY GUIDELINES, THE PUMP SETUP SHALL BE CHANGED SUCH THAT ALL WATER DISCHARGE IS A MINIMUM 30.0 FROM WATER COURSE (TYP.)

PLACE UPSTREAM PUMP TO DIVERT STREAM FLOW AROUND WORK SITE. NUMBER AND SIZE OF PUMPS VARIES ACCORDING TO STREAM FLOW

FISH STOP NET TO PREVENT FISH FROM ENTERING THE WORK SITE (TYP.) AS PER TYPICAL SECTION ON DRAWING C303

CHANNEL WIDTH VARIES

EDGE OF EXISTING CHANNEL (TYP.)

1.0 FROM LIMIT OF EXCAVATION (TYP.)

TEMPORARY UPSTREAM CHECK DAM - SANDBAG OR EARTH BERM AS CHOSEN BY THE CONTRACTOR TO PREVENT STREAM FLOWS FROM ENTERING THE DEWATERED INSTREAM WORK AREA. SEE TYPICAL SECTION ON DRAWING C302.

NOTES:

- ALL STOP NETTING AND ASSOCIATED COMPONENTS SHALL BE REMOVED OFFSITE AT THE COMPLETION OF THE SITE WORK
- ALL CHECK DAMS SHALL BE REMOVED AND THE AREA RESTORED TO EQUAL OR BETTER CONDITIONS TO THAT PRIOR TO CONSTRUCTION AT THE COMPLETION OF THE SITE WORK

DEWATERED INSTREAM WORK AREA

PROPOSED CROSS DITCH BOTTOM

EXISTING CULVERT TO BE REMOVED

PROPOSED TOP OF BANK (TYP.)

FORMER ALASKA HIGHWAY TOP OF EMBANKMENT (TYP.)

TOE OF FORMER ALASKA HIGHWAY EMBANKMENT SLOPE (TYP.)

TEMPORARY DOWNSTREAM CHECK DAM TO PREVENT ENTRY OF PUMPED WATER INTO THE WORK AREA (IF REQUIRED)

INSTALL COIR LOGS

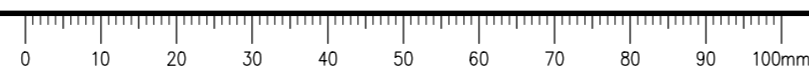
PUMP HOSE (TYP.)

EX. CHANNEL TOP OF BANK (TYP.)

IF WATER TURBIDITY PASSING THROUGH PUMPS EXCEEDS B.C. AQUATIC LIFE WATER QUALITY GUIDELINES, THE PUMP SETUP SHALL BE CHANGED SUCH THAT ALL WATER DISCHARGE IS A MINIMUM 30.0 FROM WATER COURSE (TYP.)

PLACE DOWNSTREAM PUMP TO REMOVE ANY WATER ENTERING THE EXCAVATION (IF REQUIRED)

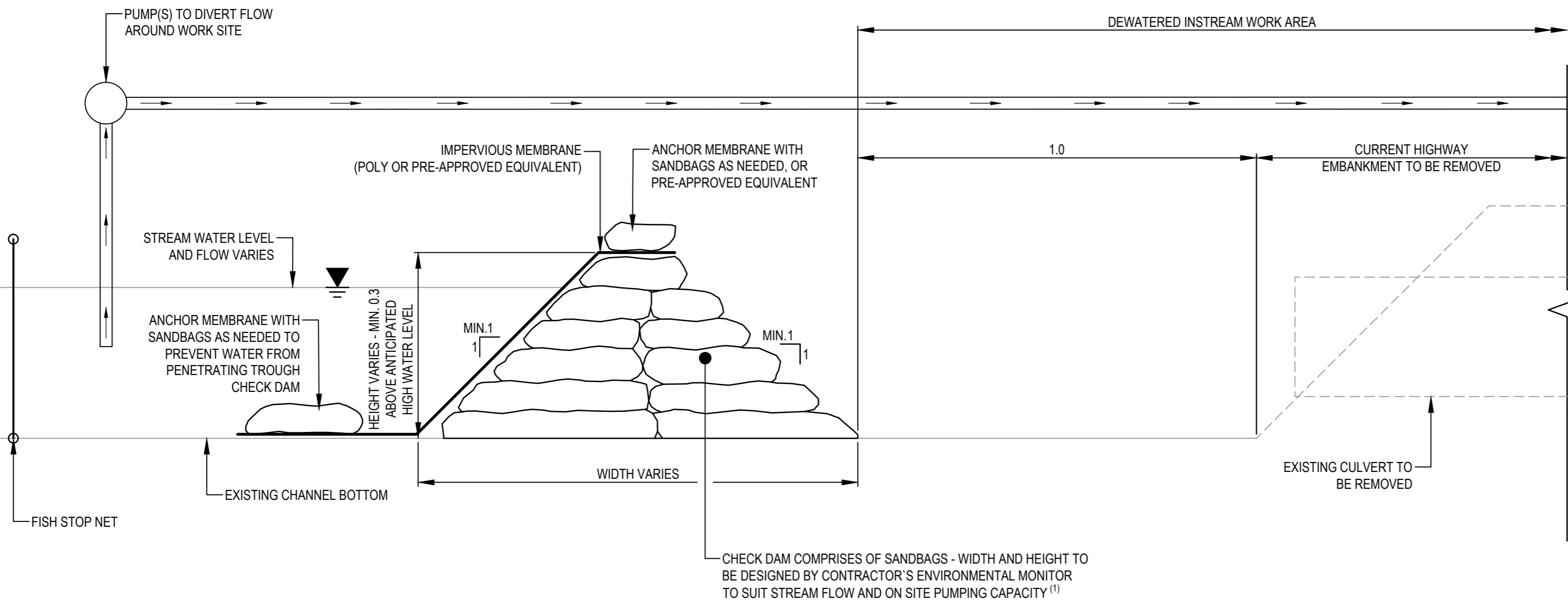
TYPICAL TEMPORARY STREAM DIVERSION FOR CULVERT REMOVAL
(TO BE IMPLEMENTED DURING CULVERT REMOVAL WHEN STREAM FLOWS ARE PRESENT OR EXPECTED DURING THE WORK)
SCALE 1:100



Q:\Vancouver\Transportation\TRN\VHWY\Projects\TRN_VHWY03085-Alaska Hwy Alignment Deactivation\CAD\Tender 3\C401-403 - INSTREAM STAGED CONSTRUCTION.dwg [C401] July 17, 2020 - 6:03:37 pm (BY: TAKEDA, TAKUMA)

- GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION

ISSUED FOR TENDER



TYPICAL SECTION OF TEMPORARY CHECK DAM USING SANDBAGS
 (UPSTREAM CHECK DAM ARRANGEMENT SHOWN, MIRROR ARRANGEMENT FOR DOWNSTREAM CHECK DAM)
 SCALE 1:10

NOTES:
 (1) IF PRE-APPROVED BY THE DEPARTMENTAL REPRESENTATIVE AND THE CONTRACTOR'S ENVIRONMENTAL MONITOR, THE CONTRACTOR MAY UTILIZE EARTH FILL TO CONSTRUCT CHECK DAM. IF AN EARTH FILL CHECK DAM IS UTILIZED THE TURBIDITY LEVELS SHALL REMAIN WITHIN B.C. AQUATIC LIFE WATER QUALITY GUIDELINES FOR TURBIDITY FOR THE DURATION OF EARTH BERM INSTALLATION AND THE EARTH MATERIAL USED AND COMPACTION REQUIREMENTS OF THE EARTH MATERIAL SHALL BE DESIGNED BY THE ENVIRONMENTAL MONITOR WITH ALL DETAILS INCLUDED IN THE SUBMITTED, REVIEWED AND ACCEPTED ENVIRONMENTAL PROTECTION PLAN

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approve par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
 A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

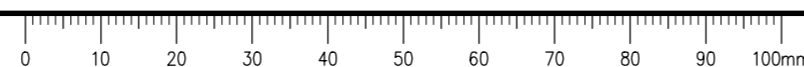
PWGC Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin
**TYPICAL CULVERT REMOVAL
 ENVIRONMENTAL CONSTRUCTION
 STAGING CONCEPT
 CHECK DAMS DETAILS**

Project No./No. du projet R.110770.001	Sheet/Feuille C402	Revision no./La Révision no. A
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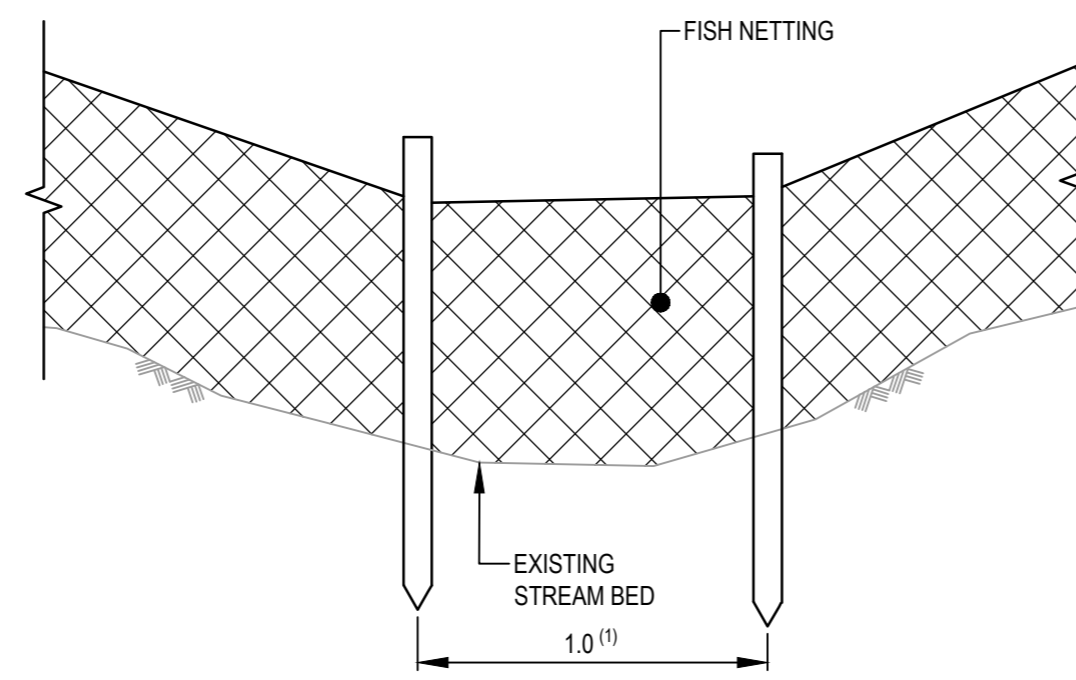
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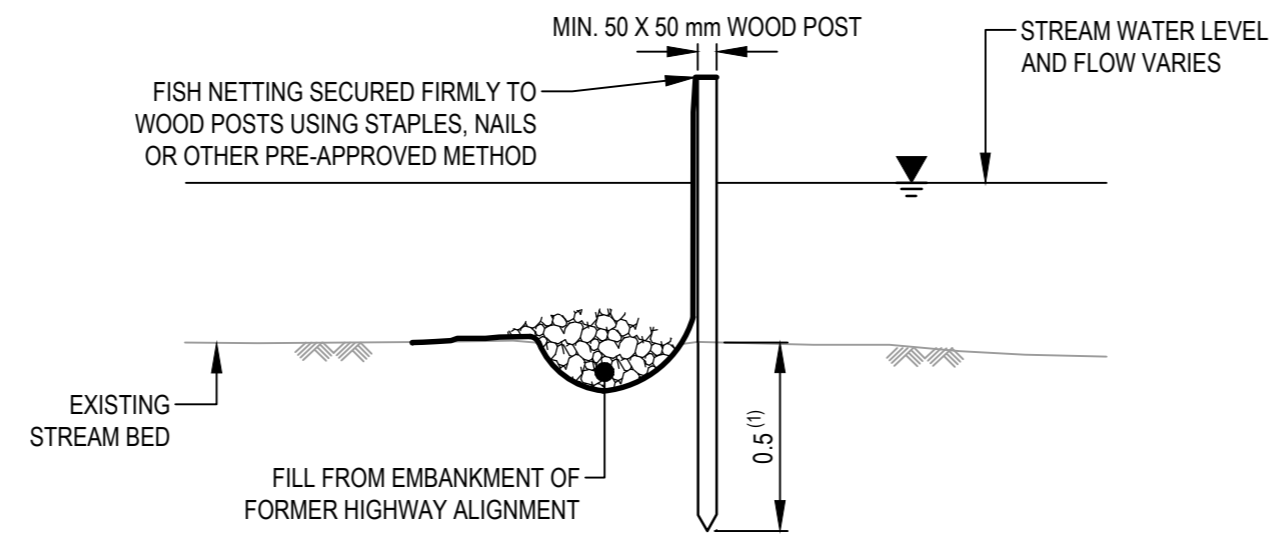
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GENERAL NOTES:

1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION



TYPICAL SECTION FISH STOP NET INSTALLATION
SCALE 1:10



TYPICAL SECTION FISH STOP NET POST
SCALE 1:10

NOTES:
(1) OR AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE AND ENVIRONMENTAL MONITOR TO SUIT FIELD CONDITIONS

ISSUED FOR TENDER



Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client

PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet

**DEACTIVATION OF FORMER ALIGNMENTS
KM 845.05 TO KM 861.60
ALASKA HIGHWAY, BC**

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
T. TAKEDA / A. HORWOOD

Drawn by/Dessiné par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSGC
A. TAHERI

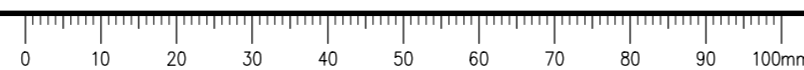
PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA

Drawing title/Titre du dessin

**TYPICAL CULVERT REMOVAL
ENVIRONMENTAL CONSTRUCTION
STAGING CONCEPT
FISH STOP NET DETAILS**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.110770.001	C403	A



C:\Vancouver\Transportation\TRN\VHWY\Projects\TRN_VHWY03085\Alaska Hwy Alignment Deactivation\CAD\Tender\3\C303-304_306_404 - KM 0.86 CULVERT REMOVAL & KM 17.84 SLOPE.dwg [C404] July 17, 2020 - 6:07:00 pm (BY: TAKEDA, TAKUMA)

ISSUED FOR TENDER



Scale: 1:250 (metres)

Revision/Revision	Description/Description	Date/Date
A	ISSUED FOR TENDER	20/07/17
-	ISSUED FOR TENDER	20/07/15

Client/client
PUBLIC SERVICES AND PROCUREMENT CANADA



Project title/Titre du projet
**DEACTIVATION OF FORMER ALIGNMENTS
 KM 845.05 TO KM 861.60
 ALASKA HIGHWAY, BC**

Approved by/Approve par
 G. WILKINS

Designed by/Concept par
 T. TAKEDA / A. HORWOOD

Drawn by/Dessine par
 A. DEEPWELL

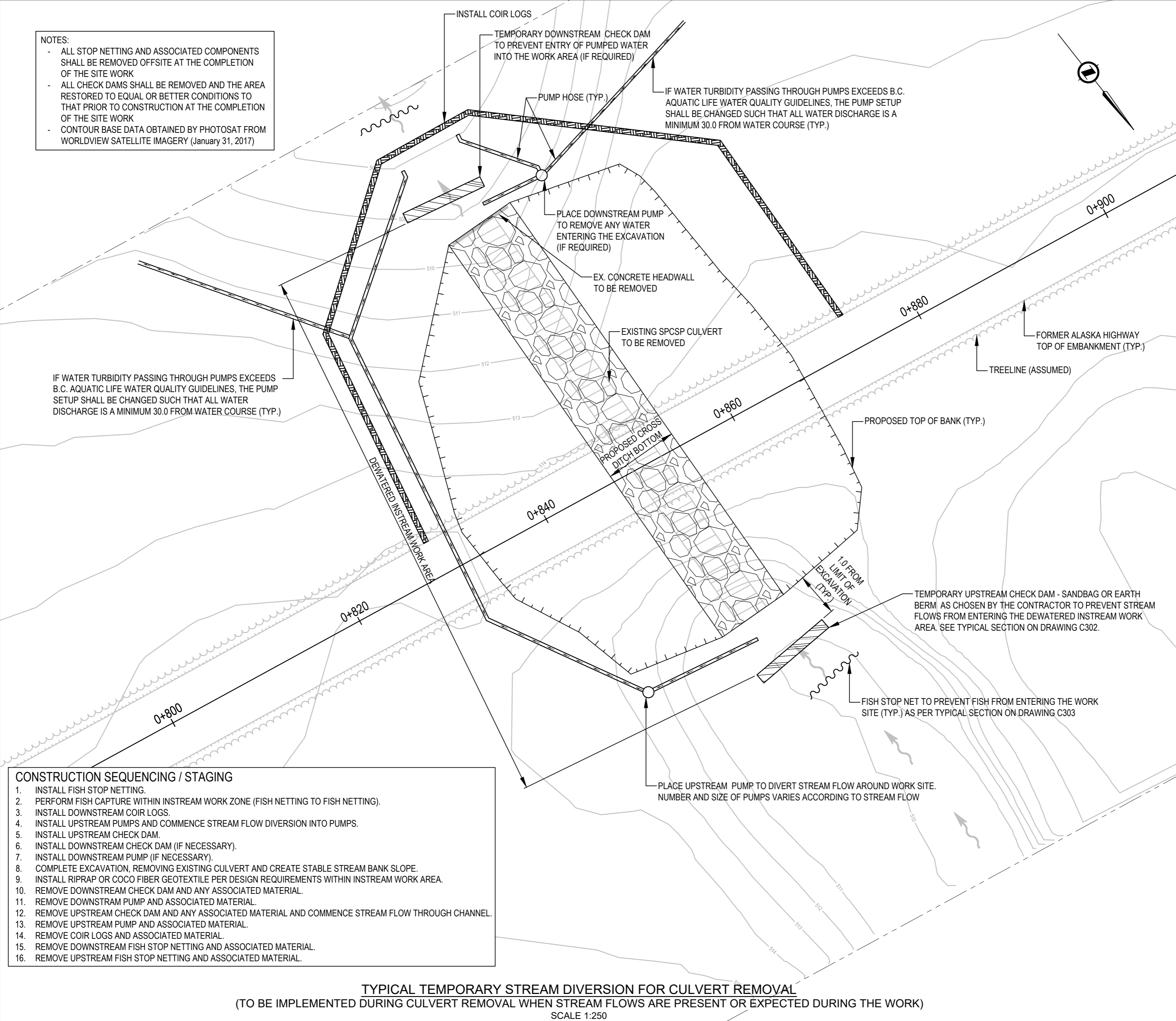
PWGSC Project Manager/Administrateur de Projets TPSGC
 A. TAHERI

PWGSC, Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
 PUBLIC SERVICES AND PROCUREMENT CANADA
 Drawing title/Titre du dessin
**KM 0.86 CULVERT REMOVAL
 ENVIRONMENTAL CONSTRUCTION
 STAGING CONCEPT**

Project No./No. du projet R.110770.001	Sheet/Feuille C404	Revision no./La Révision no. A
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- NOTES:
- ALL STOP NETTING AND ASSOCIATED COMPONENTS SHALL BE REMOVED OFFSITE AT THE COMPLETION OF THE SITE WORK
 - ALL CHECK DAMS SHALL BE REMOVED AND THE AREA RESTORED TO EQUAL OR BETTER CONDITIONS TO THAT PRIOR TO CONSTRUCTION AT THE COMPLETION OF THE SITE WORK
 - CONTOUR BASE DATA OBTAINED BY PHOTOSAT FROM WORLDVIEW SATELLITE IMAGERY (January 31, 2017)



- CONSTRUCTION SEQUENCING / STAGING**
1. INSTALL FISH STOP NETTING.
 2. PERFORM FISH CAPTURE WITHIN INSTREAM WORK ZONE (FISH NETTING TO FISH NETTING).
 3. INSTALL DOWNSTREAM COIR LOGS.
 4. INSTALL UPSTREAM PUMPS AND COMMENCE STREAM FLOW DIVERSION INTO PUMPS.
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 16. REMOVE UPSTREAM FISH STOP NETTING AND ASSOCIATED MATERIAL.

TYPICAL TEMPORARY STREAM DIVERSION FOR CULVERT REMOVAL
 (TO BE IMPLEMENTED DURING CULVERT REMOVAL WHEN STREAM FLOWS ARE PRESENT OR EXPECTED DURING THE WORK)
 SCALE 1:250

