



**Public Works and
Government Services
Canada
Pacific Region**

**Travaux publics et
Services gouvernementaux
Canada
région du Pacifique**

**KM 197.6
TOWNSEND CREEK
CULVERT DRAINAGE IMPROVEMENTS
ALASKA HIGHWAY, BC**

**ALASKA HIGHWAY
BRITISH COLUMBIA**

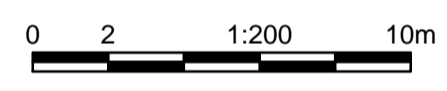
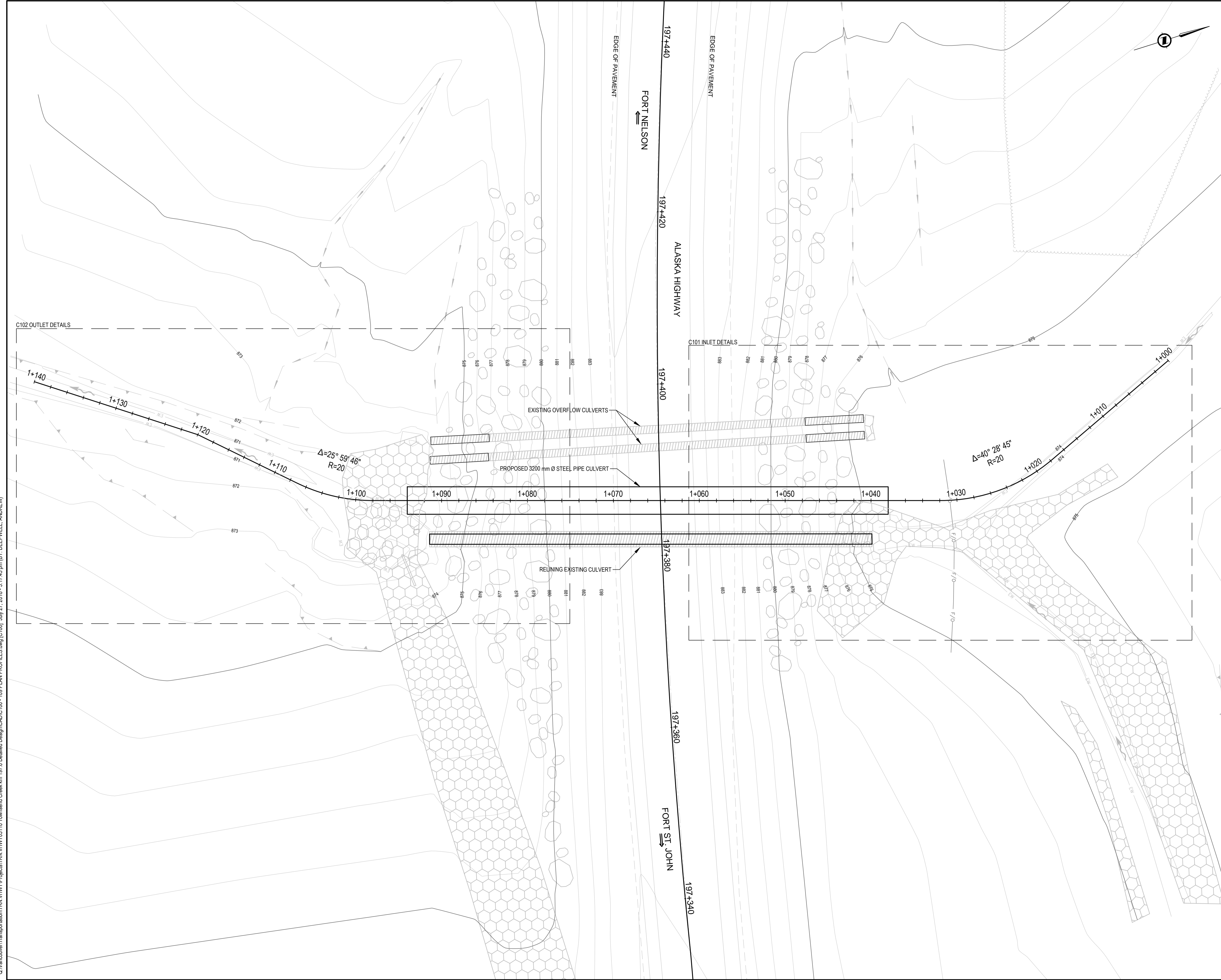


PROJECT No. R.017173.322

**ISSUED FOR TENDER
JULY 27, 2018**

ISSUED FOR TENDER

- 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. HYDROSEED ALL DISTURBED AREAS



0	ISSUED FOR TENDER	18/07/27
Revision/	Description/	Date/Date
Client/client		

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
KM 197.6 TOWNSEND CREEK CULVERT DRAINAGE IMPROVEMENTS ALASKA HIGHWAY, BC

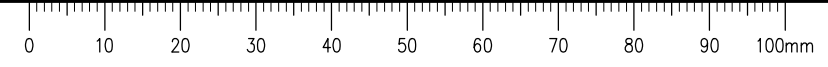
Approved by/Approve par
G. WILKINS
 Designed by/Concept par
A. HORWOOD
 Drawn by/Dessine par
A. DEEPWELL
 PWSC Project Manager/Administrateur de Projets TPSC
A. TAHERI
 PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSC

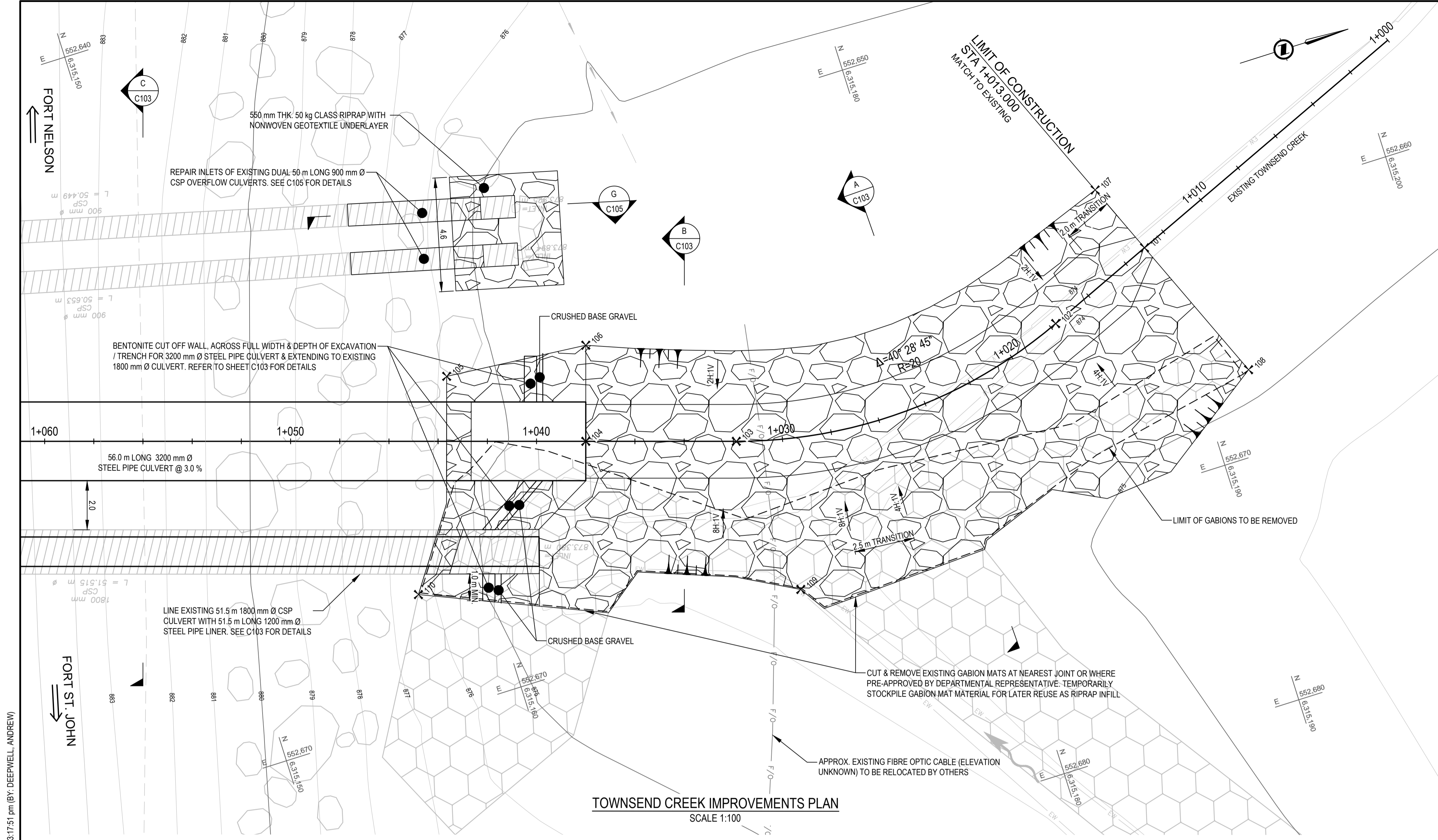
Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
GENERAL ARRANGEMENT

Project No./No. du projet R.017173.322	Sheet/Fauille C100 OF C109	Revision no./La Révision no. 0
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PR. NORTH RIPRAP LAYOUT TABLE

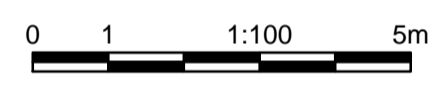
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102	6,315,185.170	552,662.438	873.655	BC
103	6,315,171.348	552,663.104	873.254	EC
104	6,315,165.510	552,661.265	873.080	INLET
105	6,315,160.910	552,657.044	875.810	RIPRAP EDGE
106	6,315,166.684	552,657.537	874.284	RIPRAP EDGE
107	6,315,188.335	552,657.738	874.586	RIPRAP EDGE
108	6,315,192.088	552,666.583	874.709	RIPRAP EDGE
109	6,315,172.038	552,669.635	873.338	RIPRAP EDGE
110	6,315,157.149	552,665.165	876.296	RIPRAP EDGE

ESTIMATED CONSTRUCTION QUANTITIES - INLET (FOR REFERENCE ONLY)

MATERIAL	AREA / VOLUME
GABION MATS TO BE REMOVED	125 m ²
EXCAVATION FOR CHANNEL REGRADING / REALIGNMENT	280 m ³
50 kg CLASS RIPRAP	180 m ³
150 kg CLASS RIPRAP	0 m ³

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 - HYDROSEED ALL DISTURBED AREAS



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Revision/Revisión	Description/Description	Date/Date

Client/Client: **PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**



Project Title/Titre du projet: **KM 197.6 TOWNSEND CREEK CULVERT DRAINAGE IMPROVEMENTS ALASKA HIGHWAY, BC**

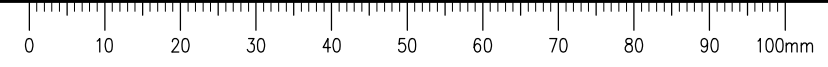
Approved by/Approuvé par: **G. WILKINS**
 Designed by/Concept par: **A. HORWOOD**
 Drawn by/Dessiné par: **A. DEEPWELL**
 PWGSC Project Manager/Administrateur de Projets TPSC: **A. TAHERI**
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSC:

Client/Client: **PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**

Drawing Title/Titre du dessin: **PLAN / PROFILE INLET DETAILS**

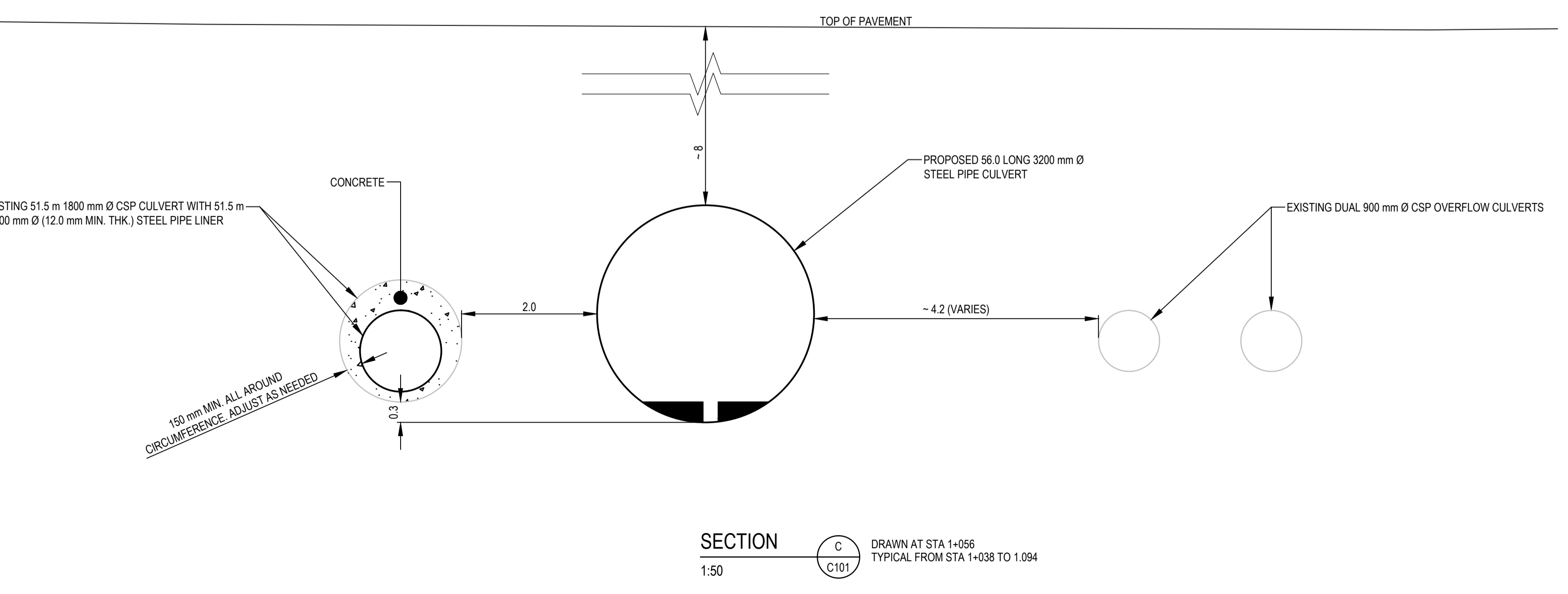
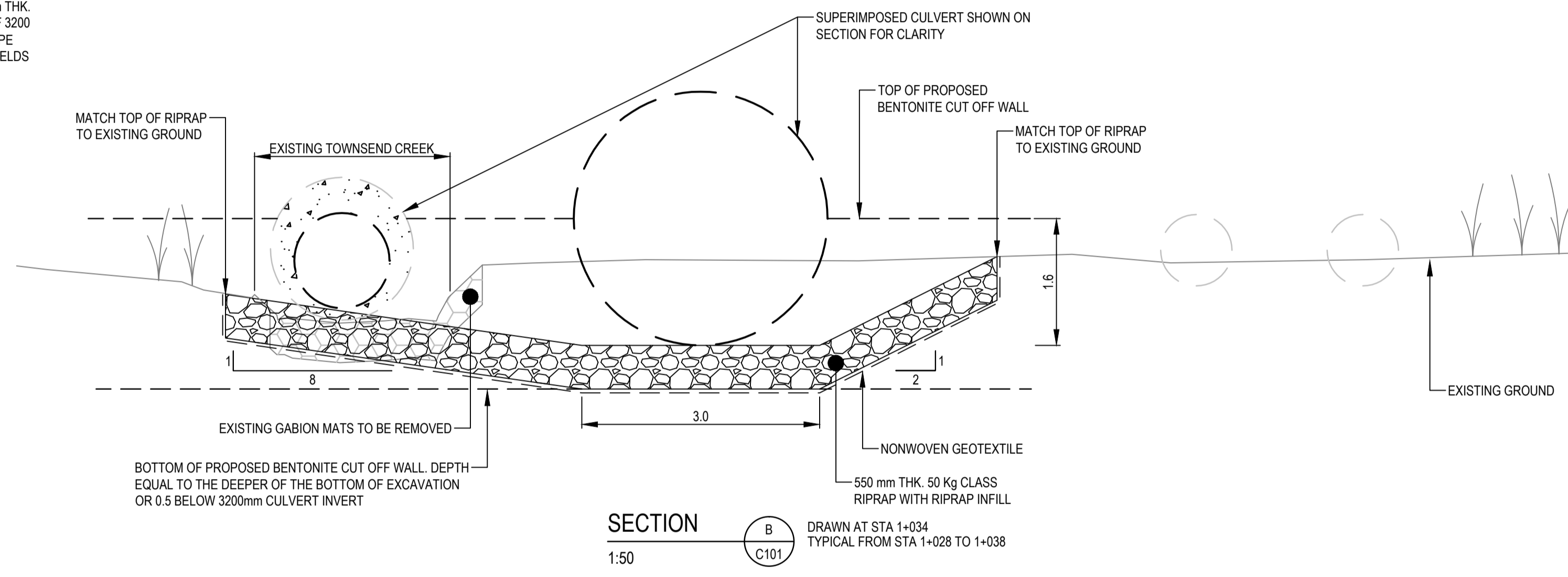
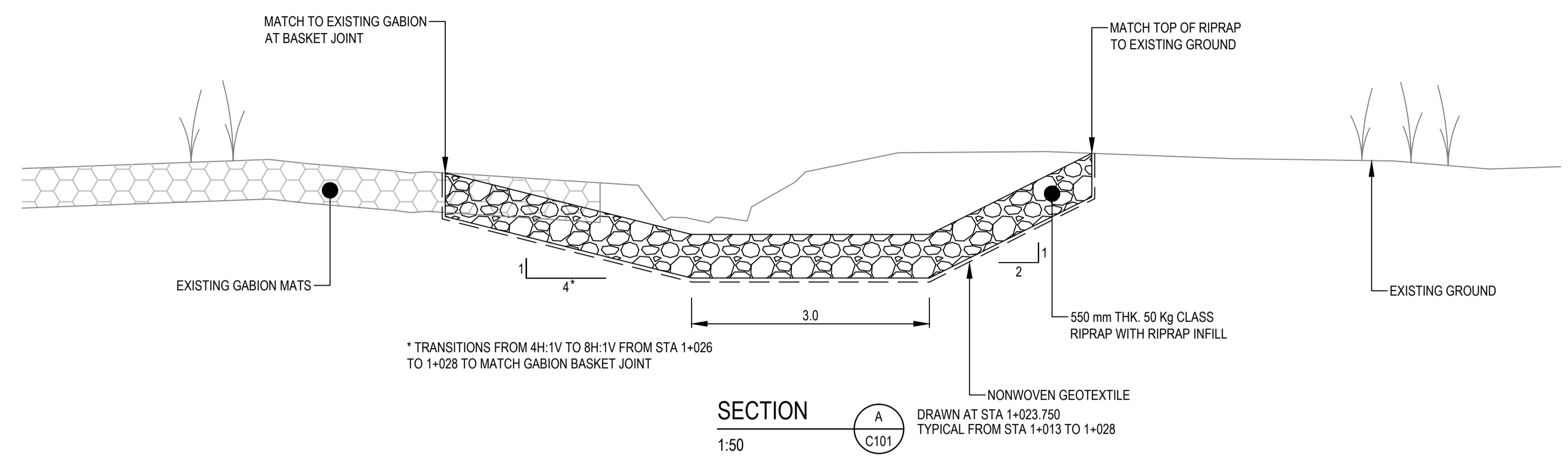
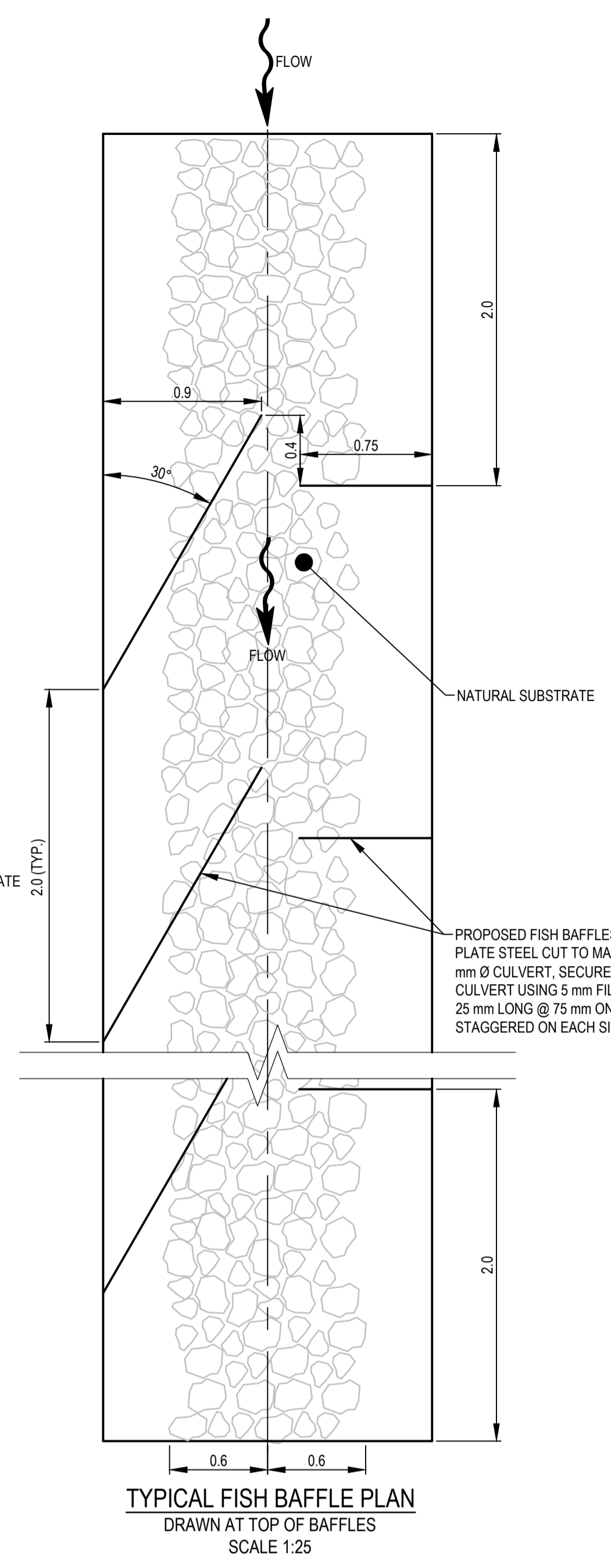
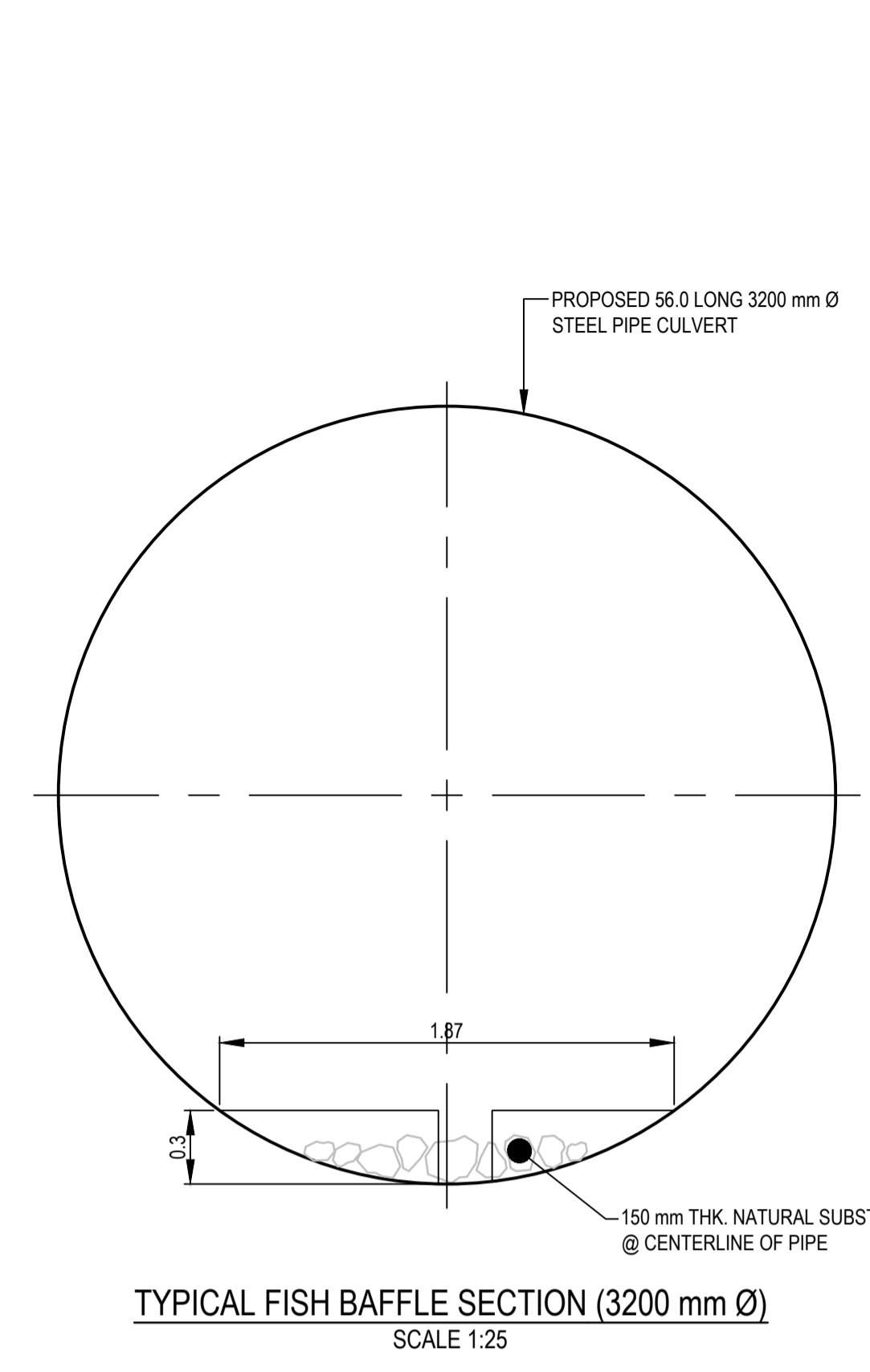
Project No./No. du projet: R.017173.322	Sheet/Fauille: C101	Revision no./La Révision no.: 0
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ISSUED FOR TENDER

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Professional Engineer
 G. E. WILKINS
 July 2018
 0 0.5 1:50 2.5m

Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER	18/07/27

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
KM 197.6 TOWNSEND CREEK CULVERT DRAINAGE IMPROVEMENTS ALASKA HIGHWAY, BC

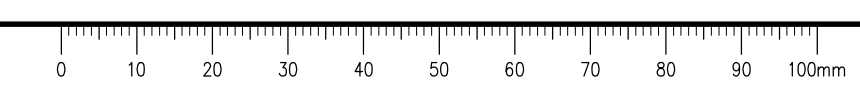
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G. WILKINS
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A. DEEPWELL
 PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
 PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/Client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
TYPICAL SECTIONS PAGE 1 OF 2

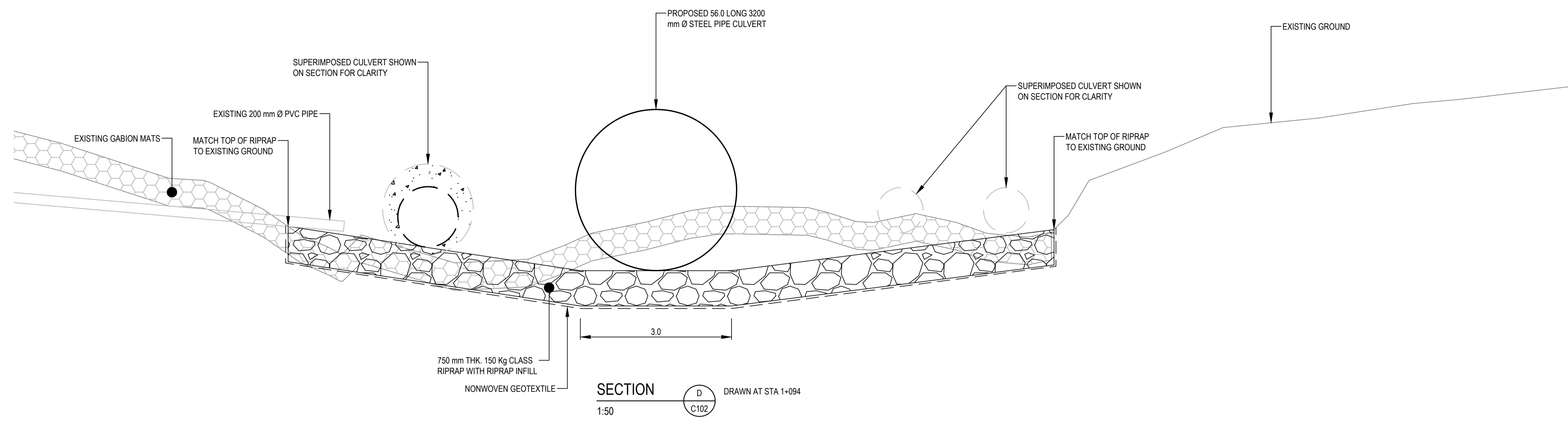
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R.017173.322	C103 OF C109	0

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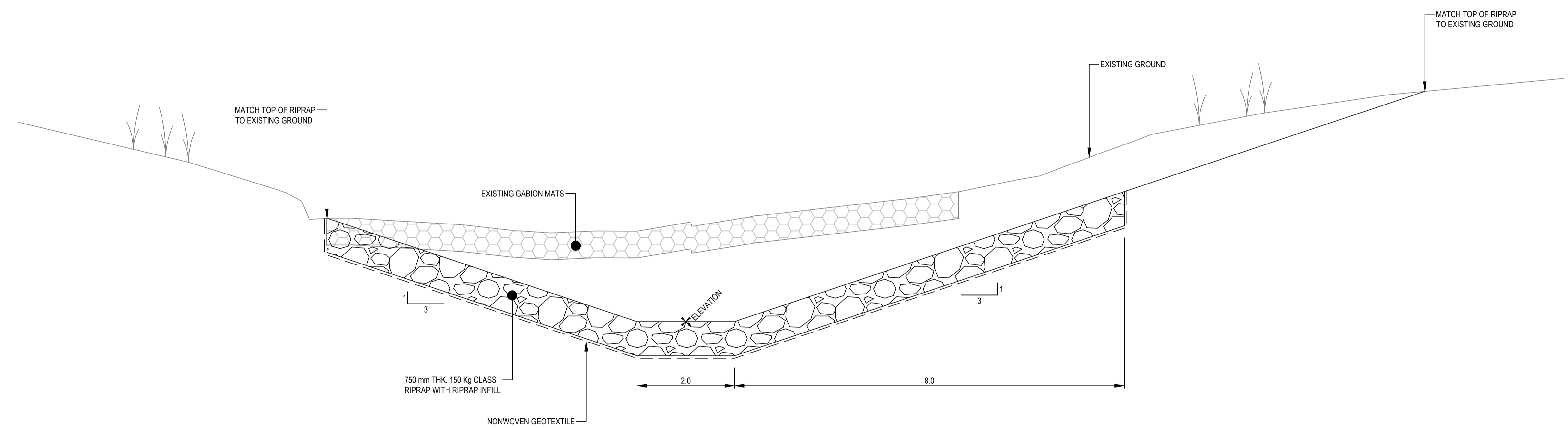


ISSUED FOR TENDER

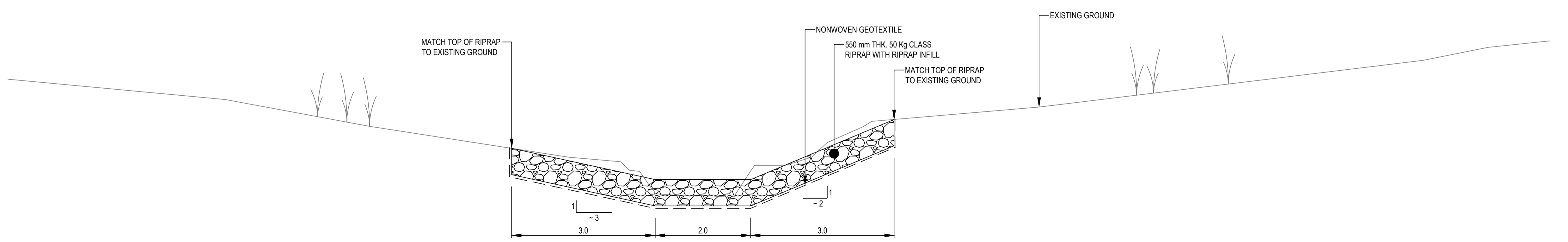
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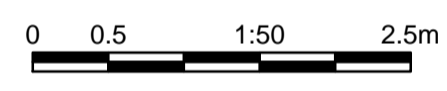
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SECTION E DRAWN AT STA 1+099
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 1:50



SECTION F DRAWN AT STA 1+119.3
 TYPICAL FROM STA 1+109 TO 1+128
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Revision/Revisión	Description/Description	Date/Date
0	ISSUED FOR TENDER	18/07/27

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
KM 197.6 TOWNSEND CREEK CULVERT DRAINAGE IMPROVEMENTS ALASKA HIGHWAY, BC

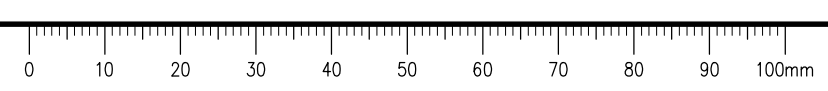
Approved by/Approuvé par
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 Designed by/Concept par
A. HORWOOD
 Drawn by/Dessiné par
A. DEEPWELL
 PWSC Project Manager/Administrateur de Projets TPSC
A. TAHERI
 PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSC

Client/Client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
TYPICAL SECTIONS PAGE 2 OF 2

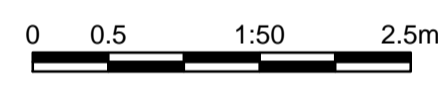
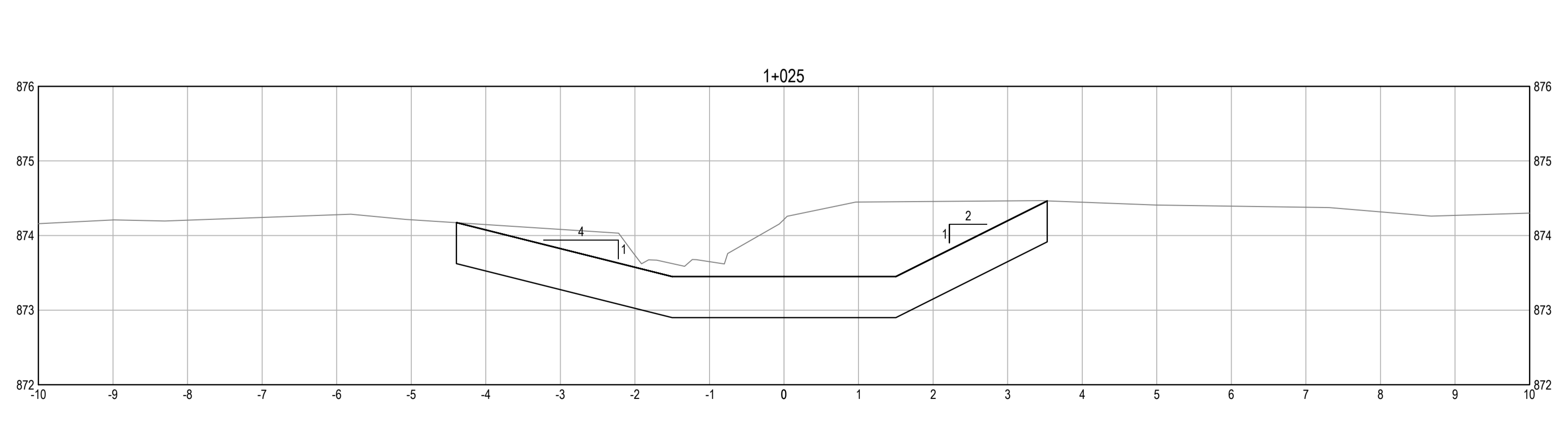
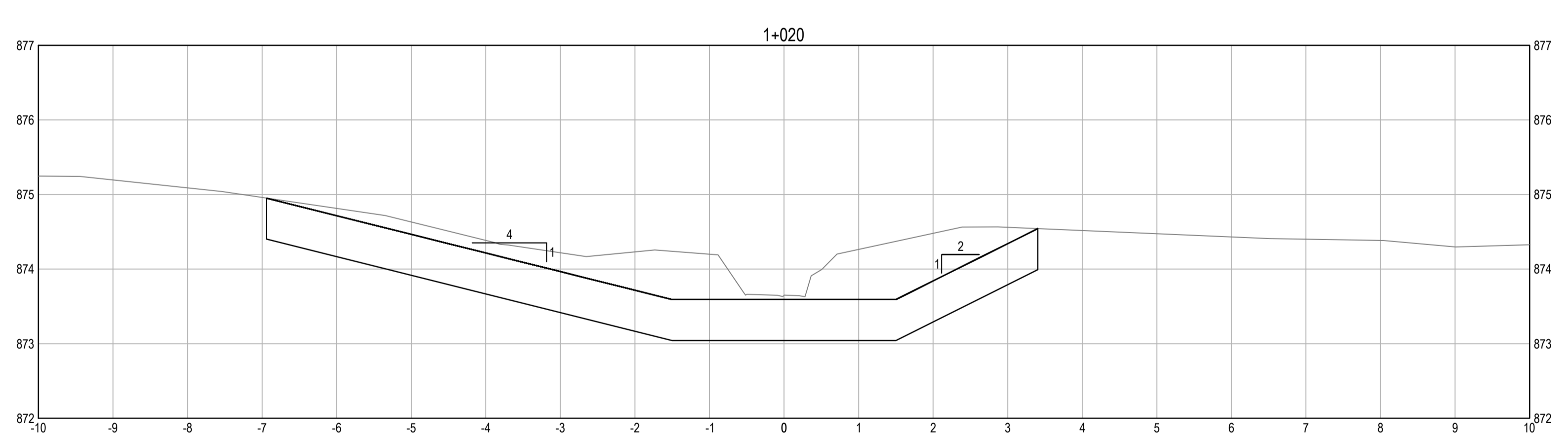
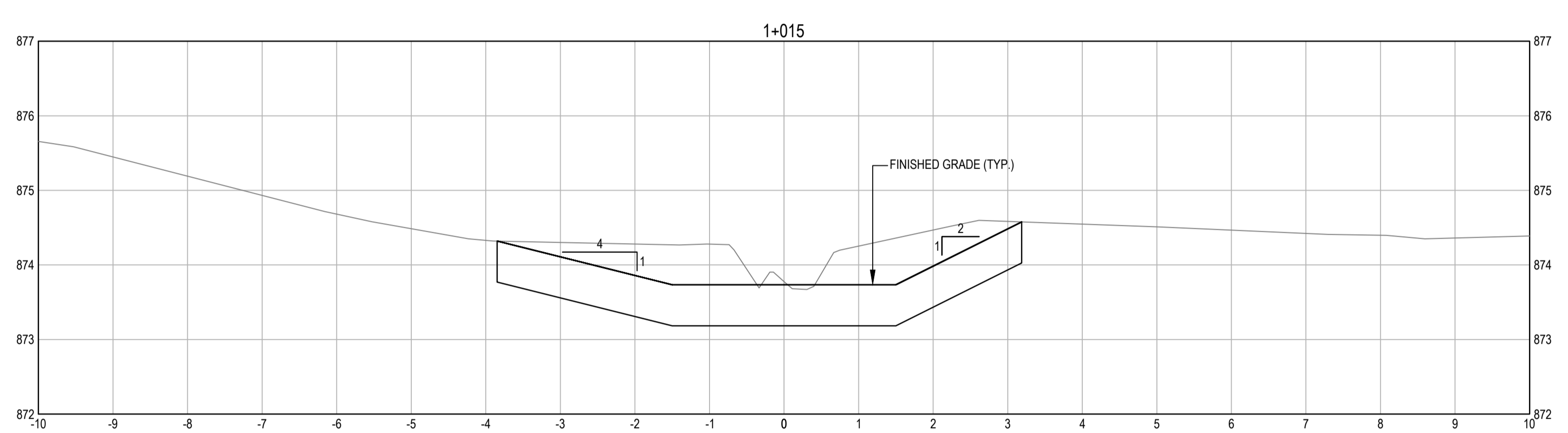
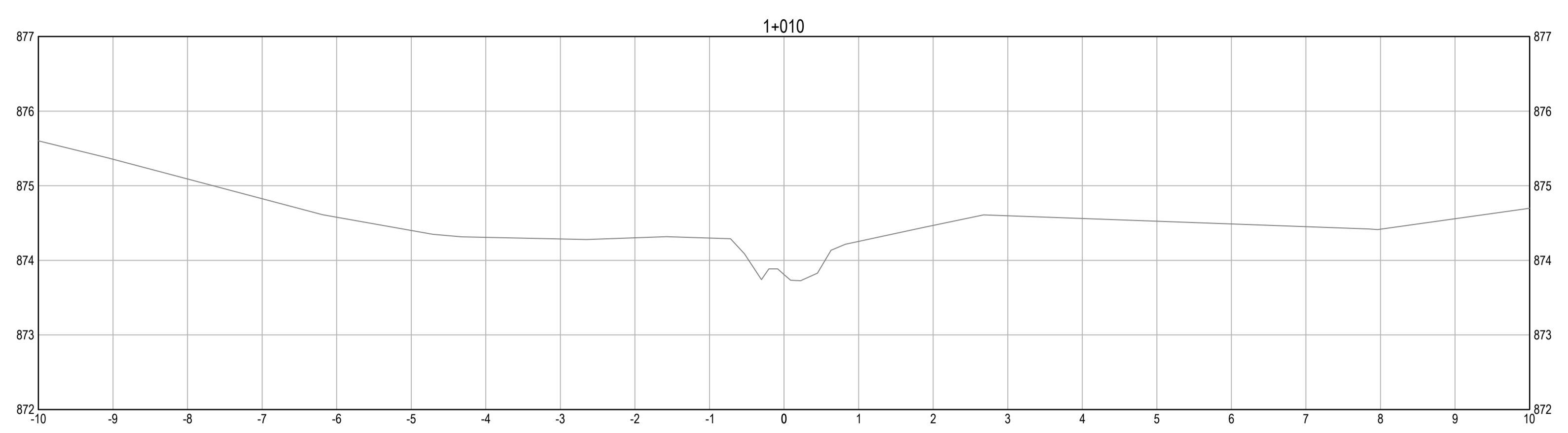
Project No./No. du projet R.017173.322	Sheet/Fauille C104 OF C109	Revision no./La Révision no. 0
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ISSUED FOR TENDER

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Client/client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	



Project title/Titre du projet
**KM 197.6 TOWNSEND CREEK
CULVERT DRAINAGE
IMPROVEMENTS
ALASKA HIGHWAY, BC**

Approved by/Approve par
G. WILKINS

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Drawn by/Dessine par
A. DEEPPWELL

PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

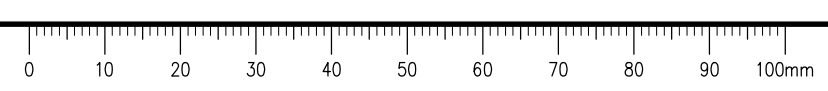
PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
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STA 1+010 TO STA 1+025**

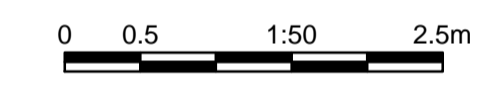
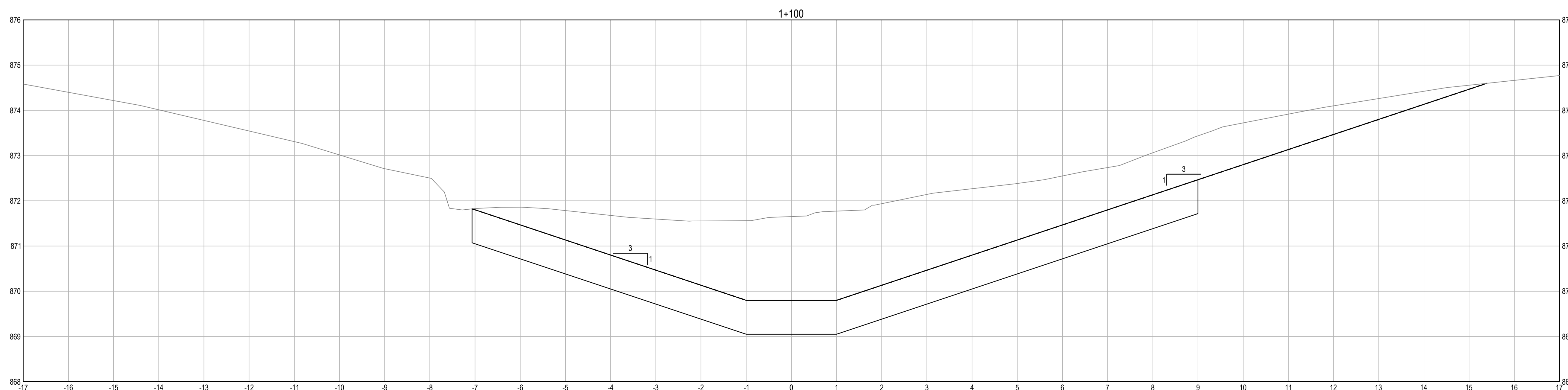
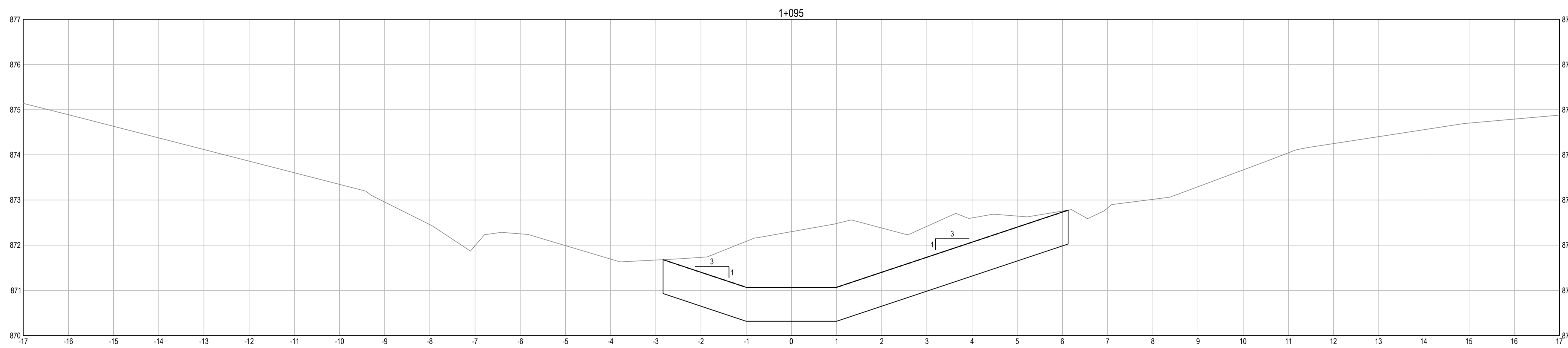
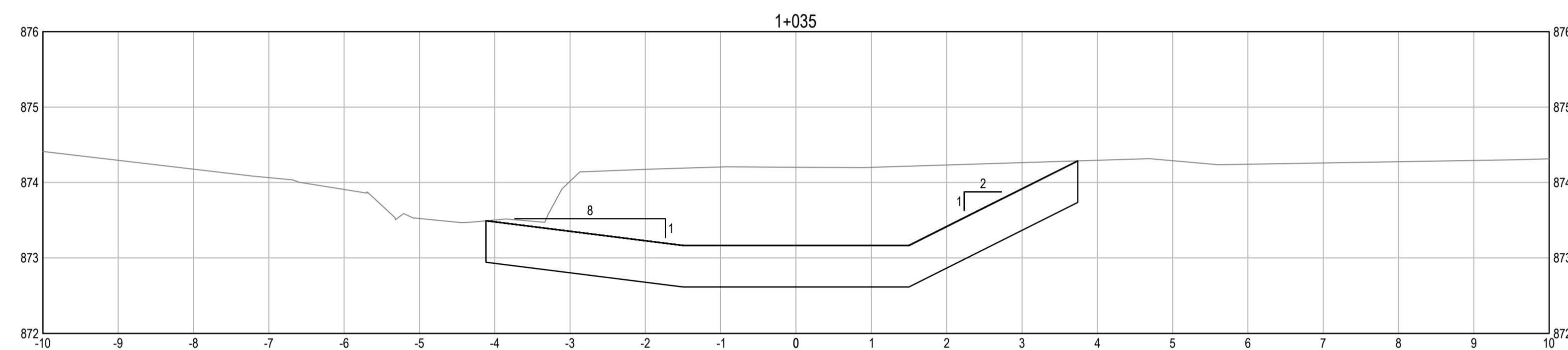
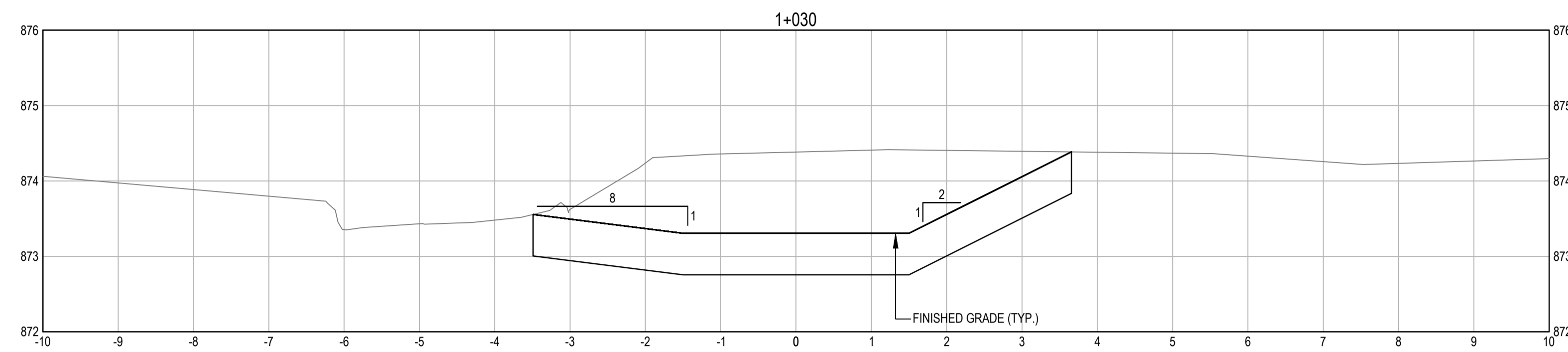
Project No./No. du projet R.017173.322	Sheet/Fauille C106 OF C109	Revision no./ La Révision no. 0
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ISSUED FOR TENDER

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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
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Revision/	Description/	Date/Date
Client/client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
KM 197.6 TOWNSEND CREEK CULVERT DRAINAGE IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
G.WILKINS

Designed by/Concept par
A.HORWOOD

Drawn by/Dessine par
A.DEEPWELL

PWSC Project Manager/Administrateur de Projets TPSCG
A.TAHERI

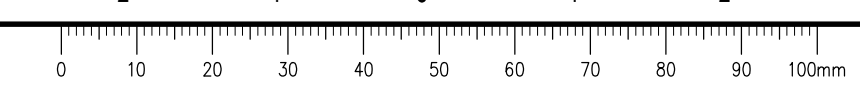
PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
CROSS SECTIONS STA 1+030 TO STA 1+100

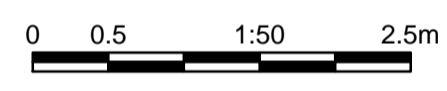
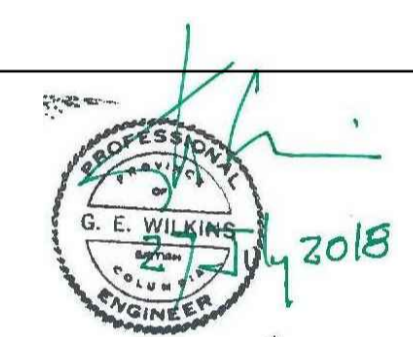
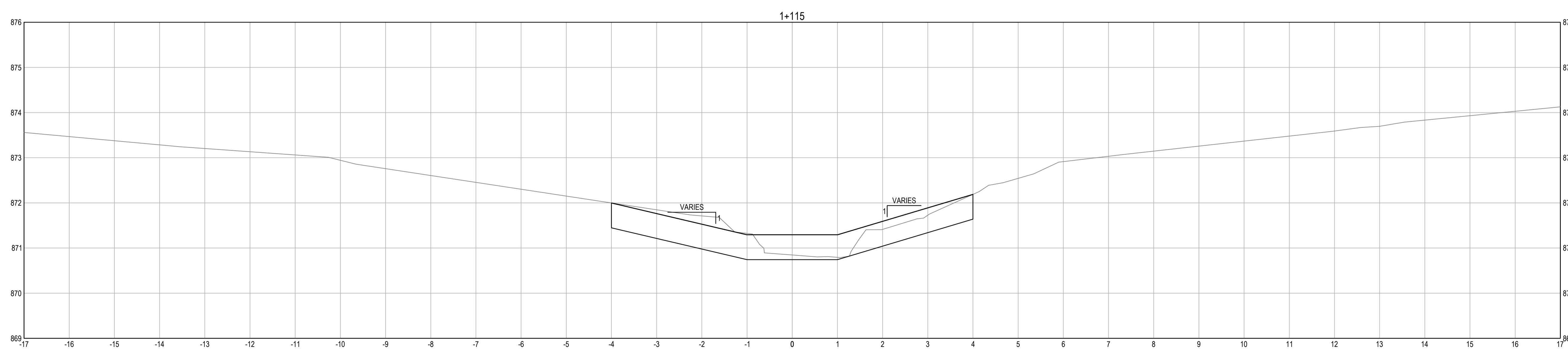
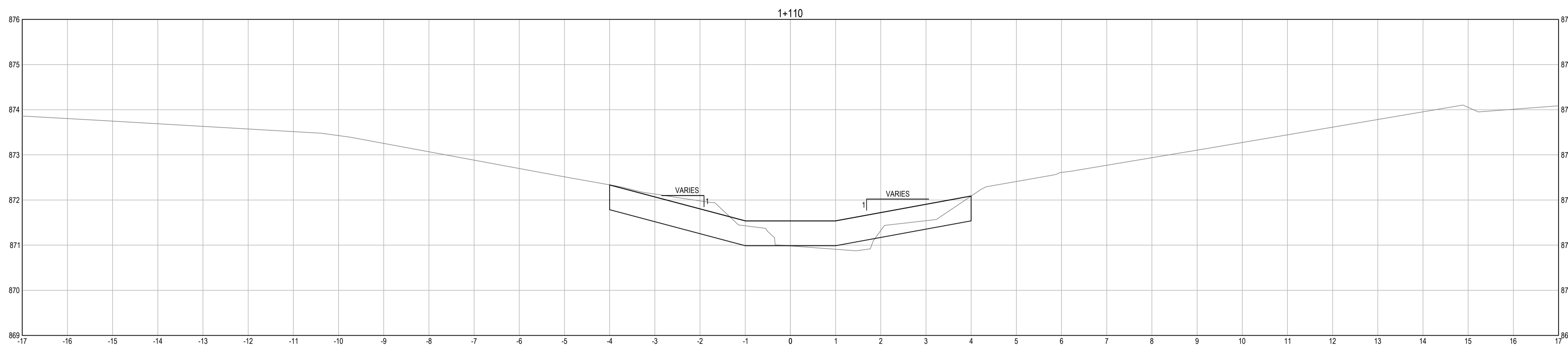
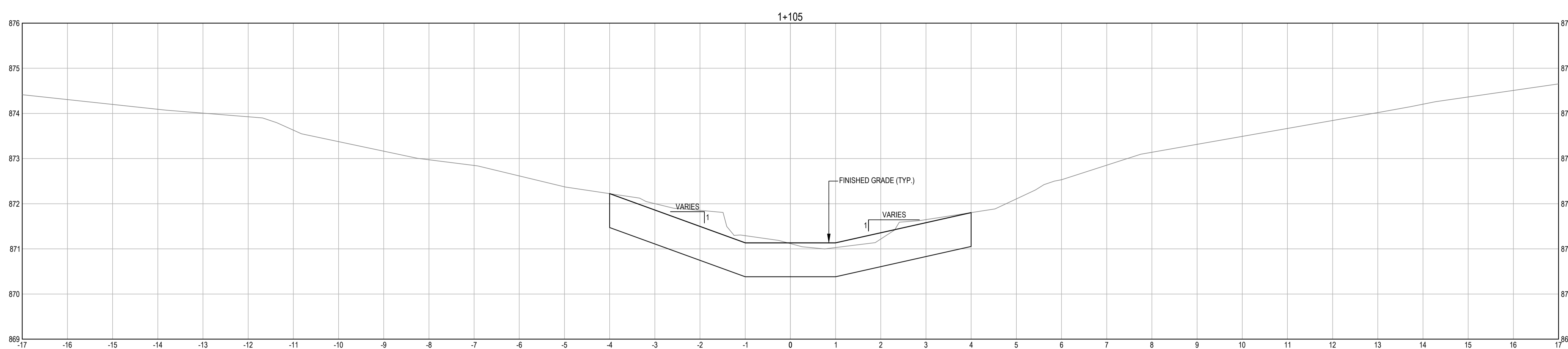
Project No./No. du projet R.017173.322	Sheet/Fauille C107	Revision no./La Révision no. 0
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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
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Revision/Édition	Description/Description	Date/Date
0	ISSUED FOR TENDER	18/07/27

Client/Client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project Title/Titre du projet
KM 197.6 TOWNSEND CREEK CULVERT DRAINAGE IMPROVEMENTS ALASKA HIGHWAY, BC

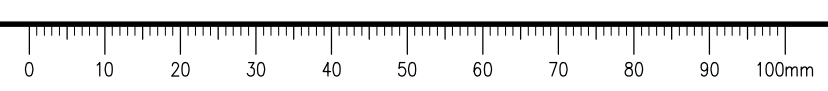
Approved by/Approuvé par
G.WILKINS
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A.TAHERI
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/Client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

Drawing Title/Titre du dessin
CROSS SECTIONS STA 1+105 TO STA 1+115

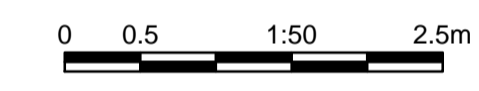
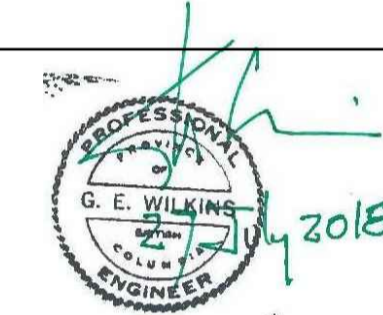
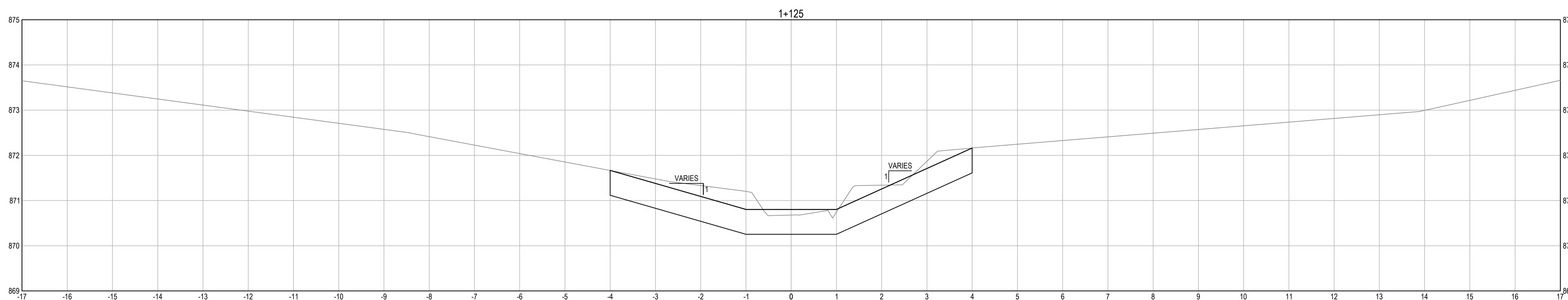
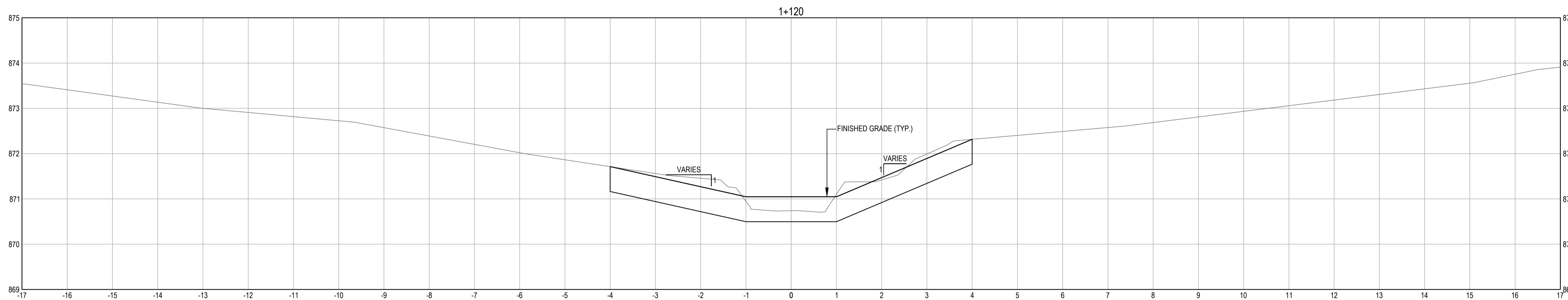
Project No./No. du projet R.017173.322	Sheet/Fauille C108 OF C109	Revision no./La Révision no. 0
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Approved by/Approuvé par
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Designed by/Concept par
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PWSC Project Manager/Administrateur de Projets TPSCG
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PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

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CROSS SECTIONS STA 1+120 TO STA 1+125

Project No./No. du projet R.017173.322	Sheet/Fauille C109 OF C109	Revision no./La Révision no. 0
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