



**Public Services and
Procurement
Canada
Pacific Region**

**Services Publics et
Approvisionnement
Canada
région du Pacifique**

**KM 450.0 - 451.4 SLIDE STABILIZATION
AND SAFETY IMPROVEMENTS
ALASKA HIGHWAY, BC**

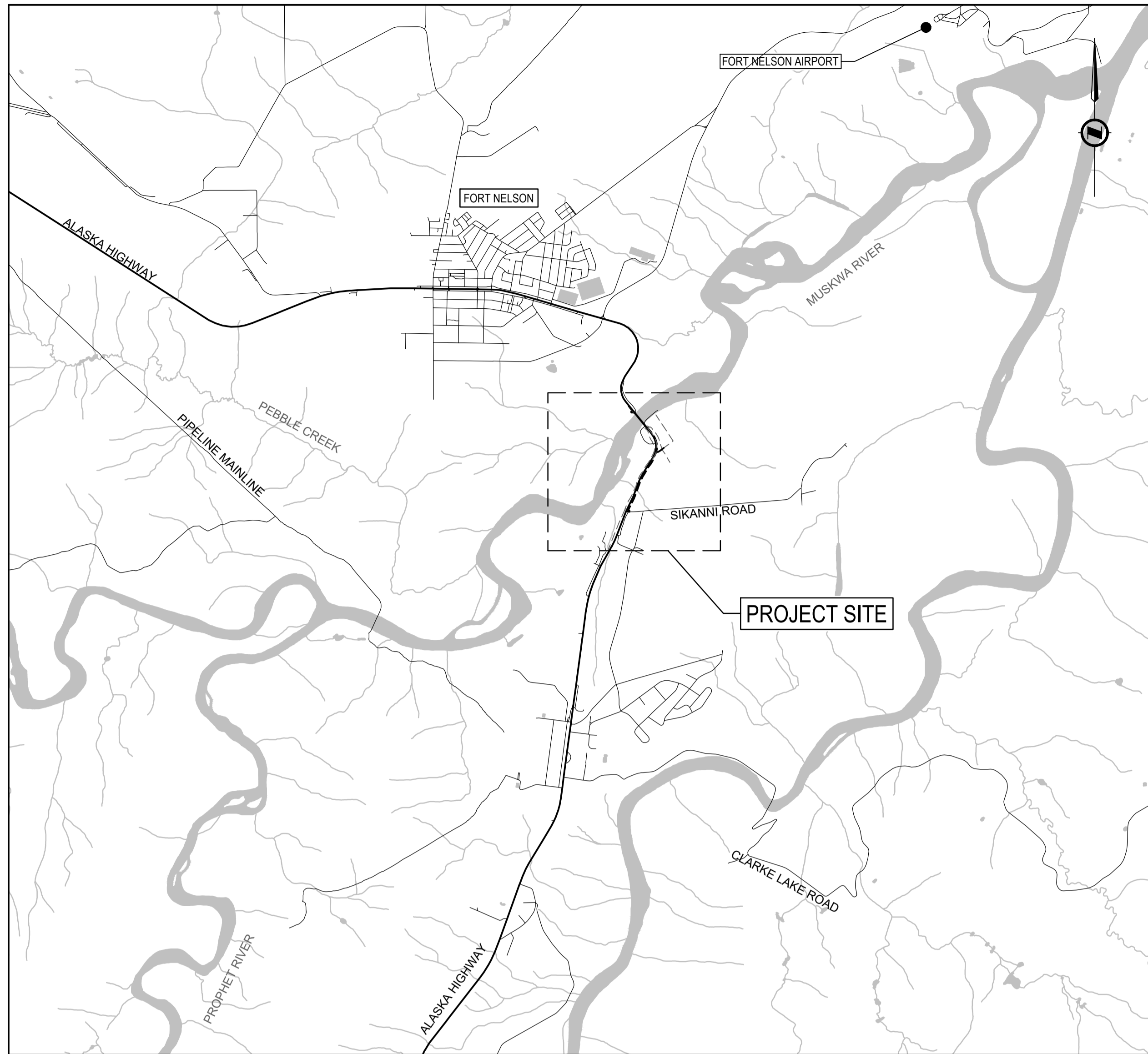
**ALASKA HIGHWAY
BRITISH COLUMBIA**



PROJECT No. R.115165.001

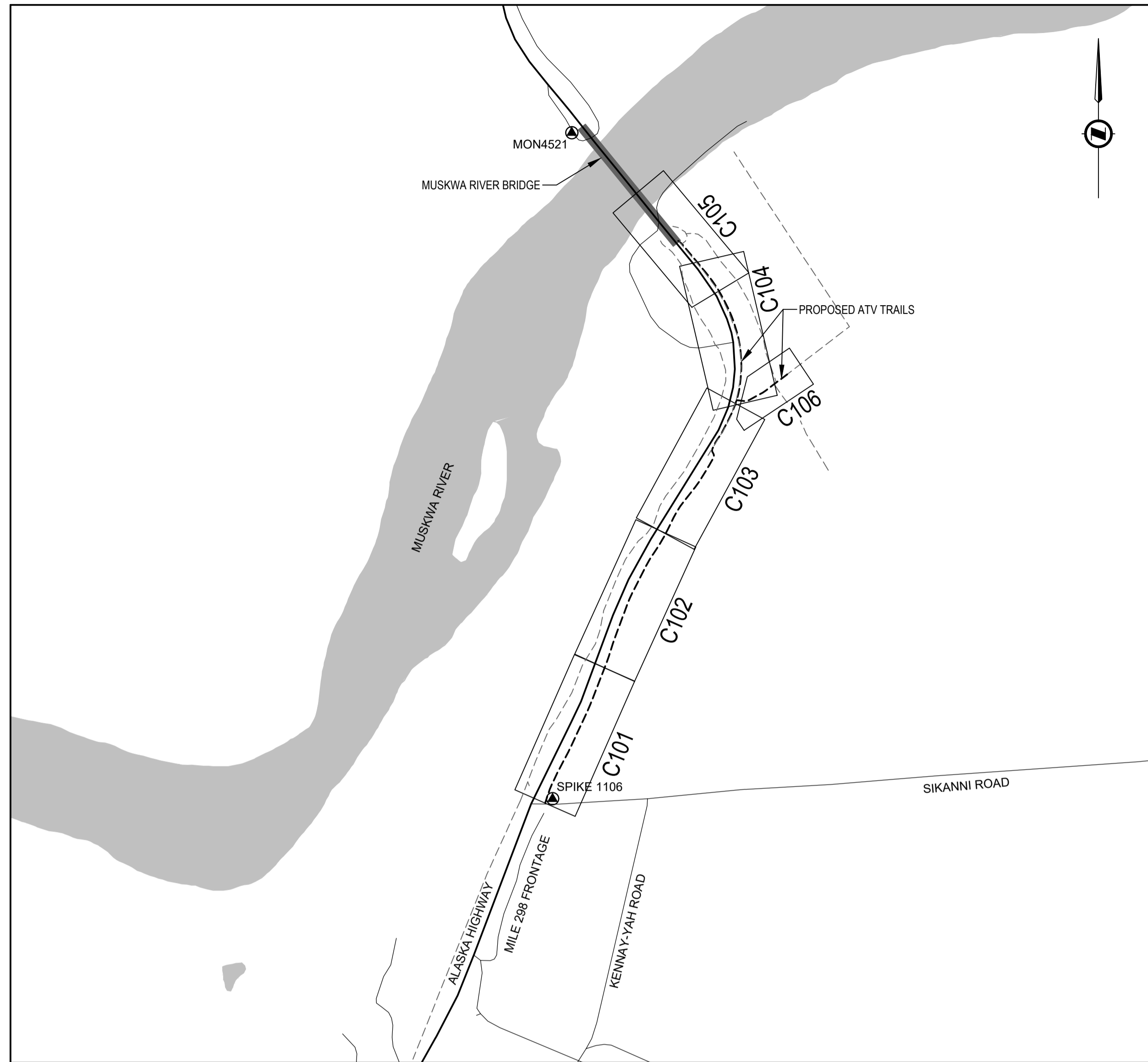
**ISSUED FOR TENDER
MAY 11, 2021**

PROJECT LOCATION PLAN



SCALE: 1:50,000

DRAWING LOCATION PLAN



SCALE: 1:7,500

ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 - THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 - ALL DISTURBED AREAS TO BE HYDRAULIC SEEDING



DRAWING INDEX

DRAWING	DESCRIPTION
C000	COVER PAGE
C001	PROJECT LOCATION PLAN, KEY PLAN, DRAWING INDEX, LEGEND & CONTROL MONUMENTS
C101 - C105	ATV TRAIL PLAN - PROFILE
C106	ATV TRAIL CONNECTOR PLAN - PROFILE
C107	ATV TRAIL HORIZONTAL ALIGNMENT GEOMETRY & DITCH LAYOUT DETAILS
C201	INTERCEPTOR AND SLOT DRAINS SITE PLAN
C202	INTERCEPTOR DRAIN PROFILE
C203	INTERCEPTOR AND SLOT DRAIN SECTIONS
C204	INTERCEPTOR DRAIN DETAILS
C301	ATV TRAIL TYPICAL SECTIONS
C302 - C303	RIPRAP DITCH DETAILS
C304	ATV TRAIL & CONCRETE BLOCK WALL DETAILS
C305	CONCRETE BLOCK WALL ELEVATION VIEW
C306	CULVERT TYPICAL SECTIONS & DETAILS
C307	LOCKABLE REMOVABLE BARRIER AND SIGNAGE DETAILS
C308	WELDED GALVANIZED FENCE DETAILS
C309	PRECAST CONCRETE BARRIER DETAILS
C310	WELDED GALVANIZED RAILING DETAILS
C311	ATV TRAIL DITCH CROSSING DETAILS
C312	ATV TRAIL DECOMMISSIONING TYPICAL SECTIONS
XSEC-01 - 06	ATV TRAIL CROSS SECTIONS
XSEC-07	ATV CONNECTOR TRAIL CROSS SECTIONS
XSEC-08	CULVERT CROSS SECTIONS

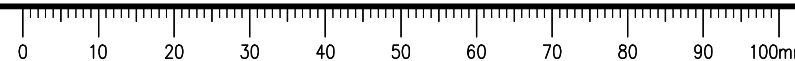
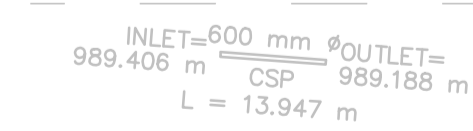
PROJECT CONTROL MONUMENTS

POINT	EASTING	NORTHING	ELEVATION	DESCRIPTION
SPIKE 1106	519,482.793	6,515,110.738	369.735	SPIKE
MON 4521	519,524.324	6,516,552.515	306.586	CONTROL MONUMENT

- NOTES:
- ELEVATIONS ARE GEODETIC AND DERIVED FROM DUAL FREQUENCY CARRIER PHASE GPS. OBSERVATIONS PROCESSED USING PWGSC CONTROL MONUMENTS AND POST PROCESSED POSITIONING
 - CONTROL POINT DATUM: NAD83
CONTROL POINT VERTICAL DATUM: CGVD 28
CONTROL POINT PROJECTION: UTM ZONE 10
 - BASE MAPPING SURVEY FROM APEX SURVEY SOLUTIONS LTD. PERFORMED OCTOBER 2017 AND JUNE 2018
 - CONTROL MONUMENTS NOT LISTED IN THE ABOVE TABLE SHALL NOT BE USED
 - THE CONTRACTOR SHALL PROTECT EXISTING INFRASTRUCTURE FOR THE DURATION OF CONSTRUCTION. ANY DAMAGE OCCURRING DURING CONSTRUCTION TO BE REPAIRED / REPLACED TO EQUAL OR BETTER CONDITION BY THE CONTRACTOR AT NO COST TO THE CONTRACT

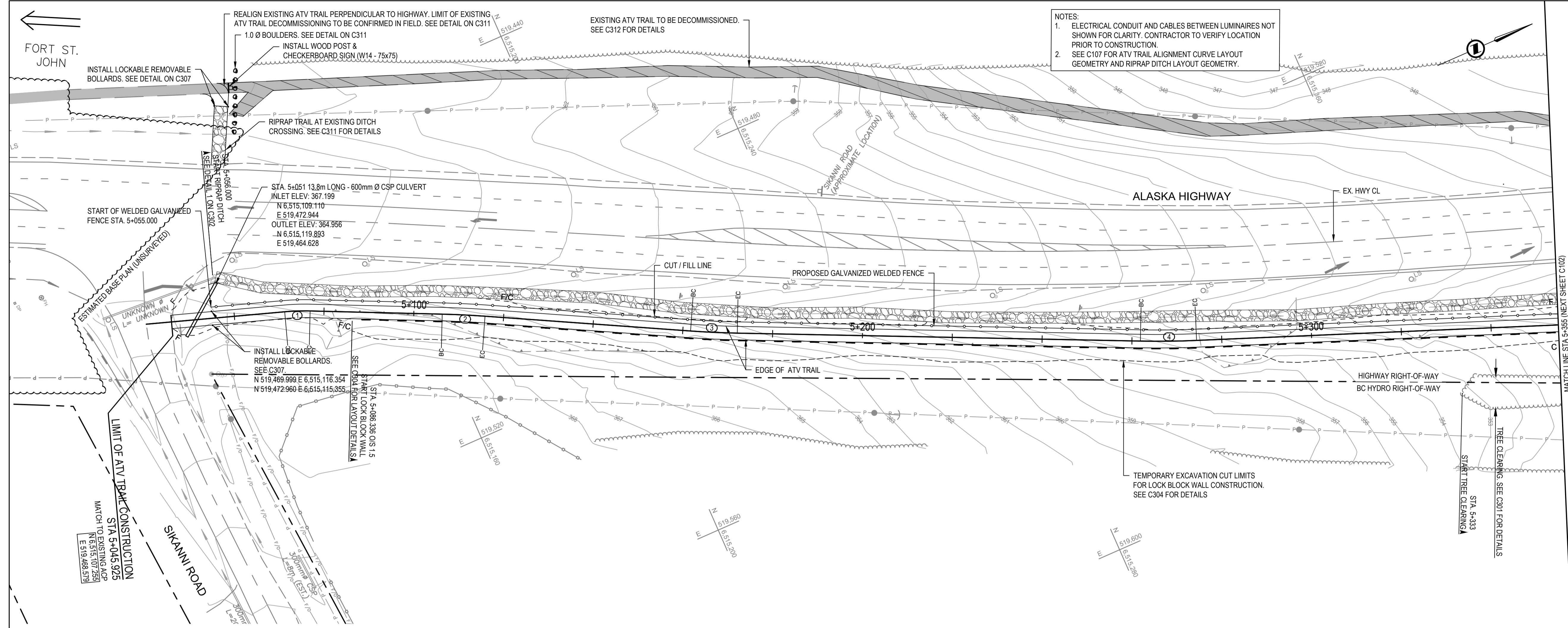
LEGEND

LINETYPE (EXISTING)		LINETYPE (PROPOSED)	
	EDGE OF ACP		CENTERLINE OF ATV TRAIL
	CENTERLINE		CONSTRUCTION EASEMENT
	RIGHT OF WAY		CUT / FILL LINE
	WHITE LINE		LOCK BLOCK WALL
	SHOULDER		TEMPORARY EXCAVATION - TOP OF CUT
	TOP OF BANK		DITCH
	5m CONTOUR		CULVERT
	OVERHEAD POWERLINE		INTERCEPTOR & SLOT DRAIN
	FIBER OPTIC CABLE		
	GAS LINE		
	WATER MAIN		
	TREELINE		
	DITCH		
	CULVERT		
	ATV TRAIL		DECOMMISSIONED ATV TRAIL
	CONCRETE BARRIERS		CONCRETE BARRIERS
	FENCE		WELDED GALVANIZED FENCE
	SLOPE FAILURE		
	W-BEAM BARRIER		
	WATERLINE		
	SWAMP		
	GABION BASKETS		
	BRIDGE DECK		
	CONTROL MONUMENT		IRON PIN
	IRON PIN		POWER POLE
	POWER POLE		LUMINARIES
	LUMINARIES		SIGN
	SIGN		DELINATOR POST
	DELINATOR POST		FIRE HYDRANT
	FIRE HYDRANT		RELOCATED SIGN
	RELOCATED SIGN		HORIZONTAL ALIGNMENT CURVE NUMBER
	HORIZONTAL ALIGNMENT CURVE NUMBER		BEGIN ALIGNMENT
	BEGIN ALIGNMENT		BEGIN OF CURVE
	BEGIN OF CURVE		END OF CURVE
	END OF CURVE		

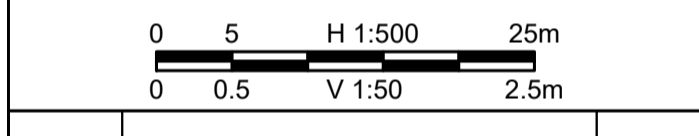


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- NOTES:
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 2. SEE C107 FOR ATV TRAIL ALIGNMENT CURVE LAYOUT GEOMETRY AND RIPRAP DITCH LAYOUT GEOMETRY.



0	ISSUED FOR TENDER	21/05/11
Revision/Revisior	Description/Description	Date/Date

Client/client
Public Services and Procurement Canada



Project title/Titre du projet

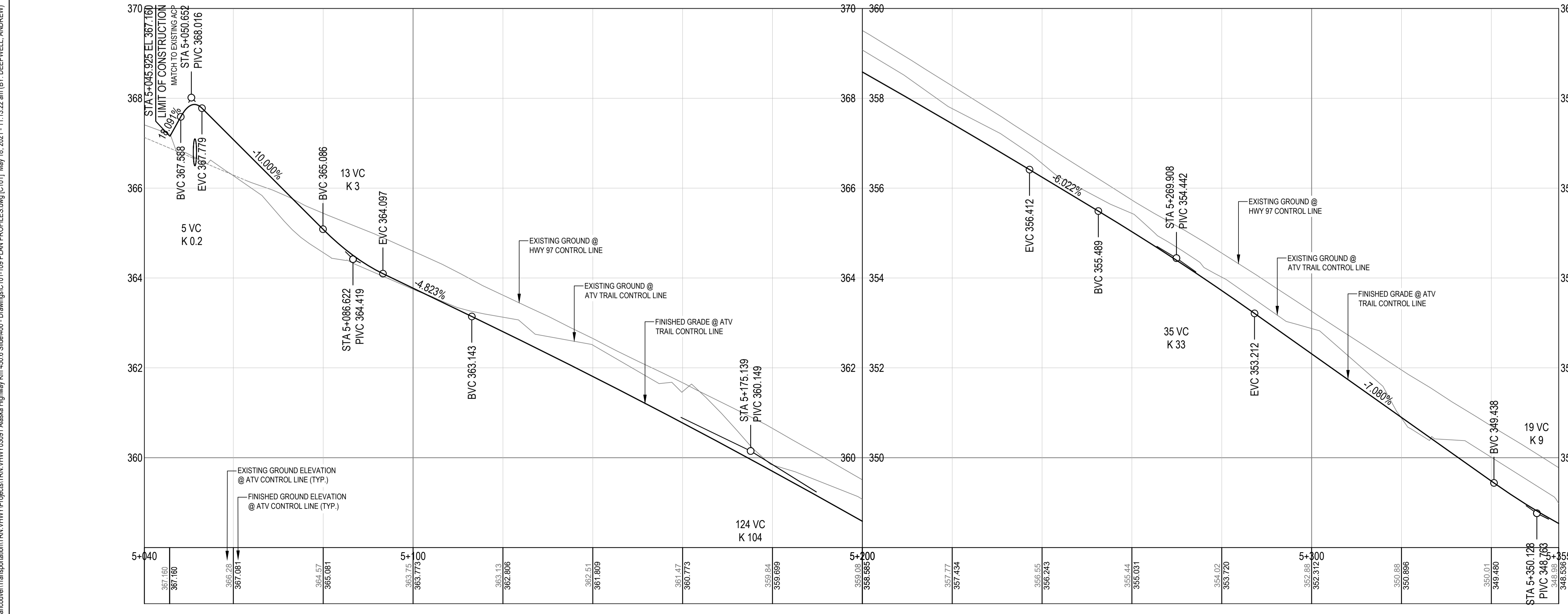
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS
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A. HORWOOD / E. YANG
 Drawn by/Dessiné par
A. DEEPWELL
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Client/client
Public Services and Procurement Canada

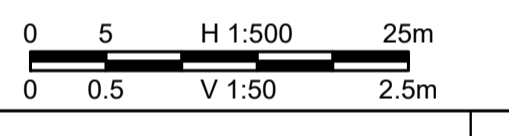
ATV TRAIL PLAN - PROFILE
STA. 5+040 TO STA. 5+355

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C101	0



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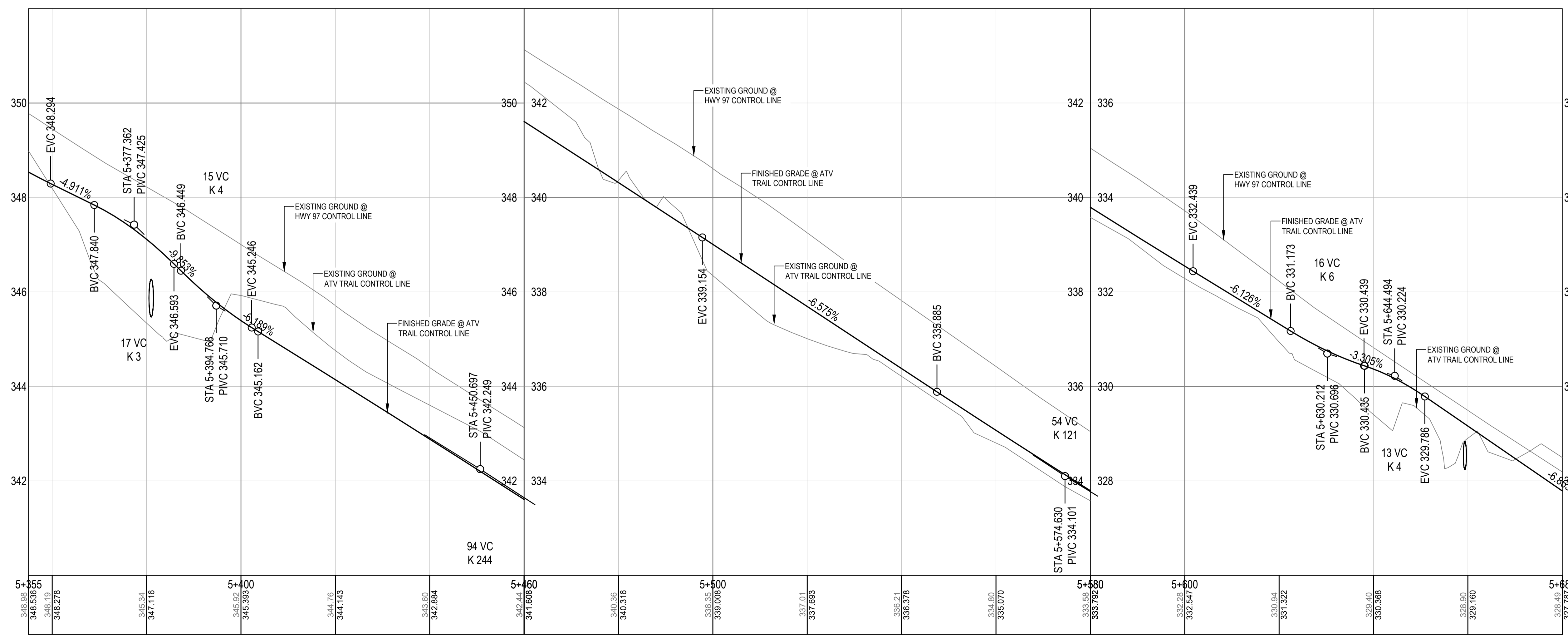
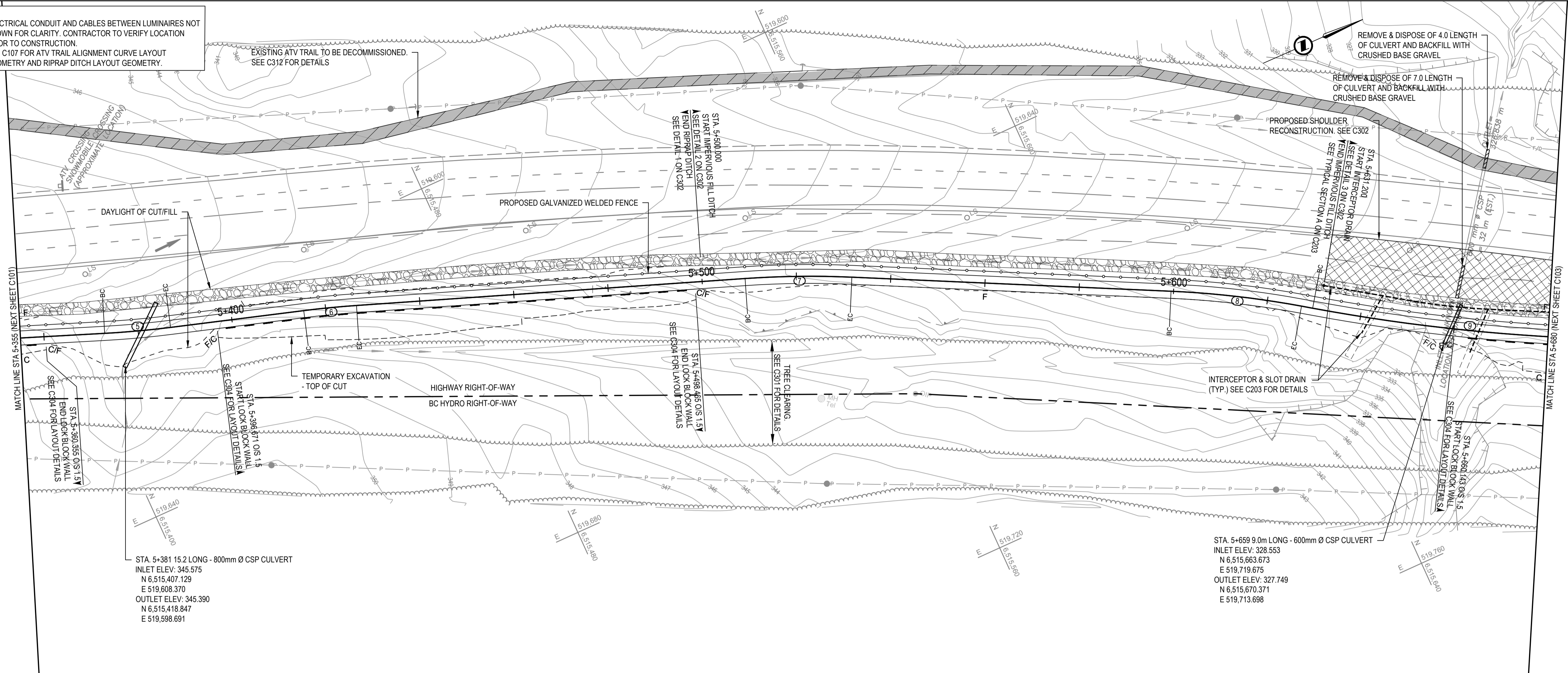
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Public Services and Procurement Canada

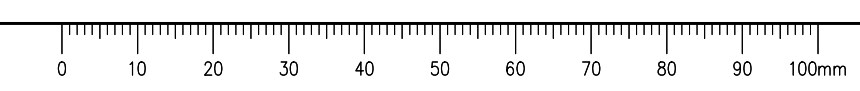
Drawing Title/Titre du dessin
ATV TRAIL PLAN - PROFILE
STA. 5+355 TO STA. 5+680

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C102	0

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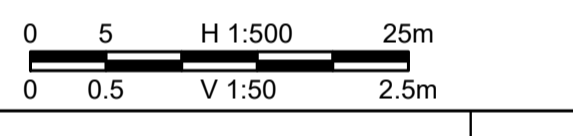
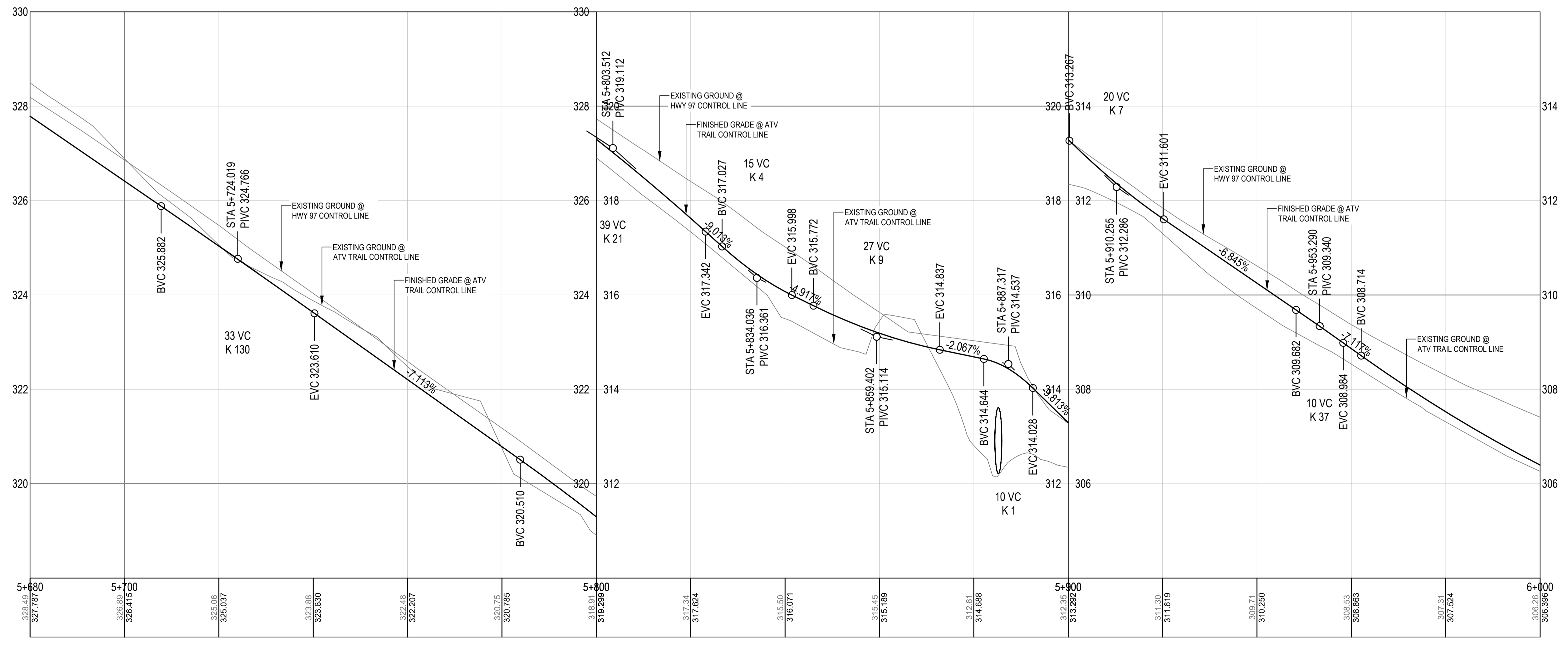
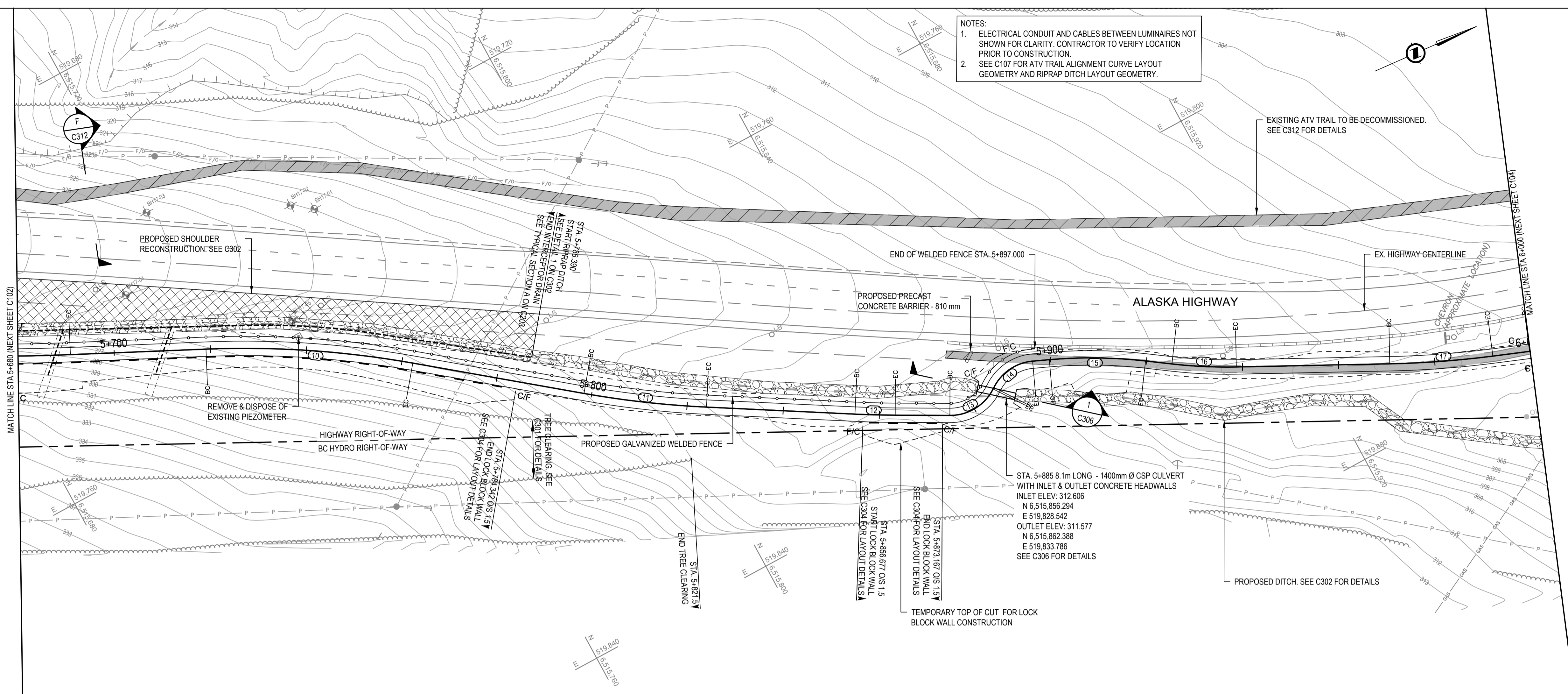


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ISSUED FOR TENDER

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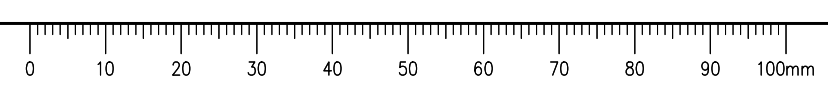
Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

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Client/client
Public Services and Procurement Canada
 Drawing title/Titre du dessin
ATV TRAIL PLAN - PROFILE
STA. 5+680 TO STA. 6+000

Project No./No. du projet R.115165.001	Sheet/Feuille C103	Revision no./La Révision no. 0
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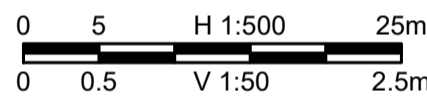
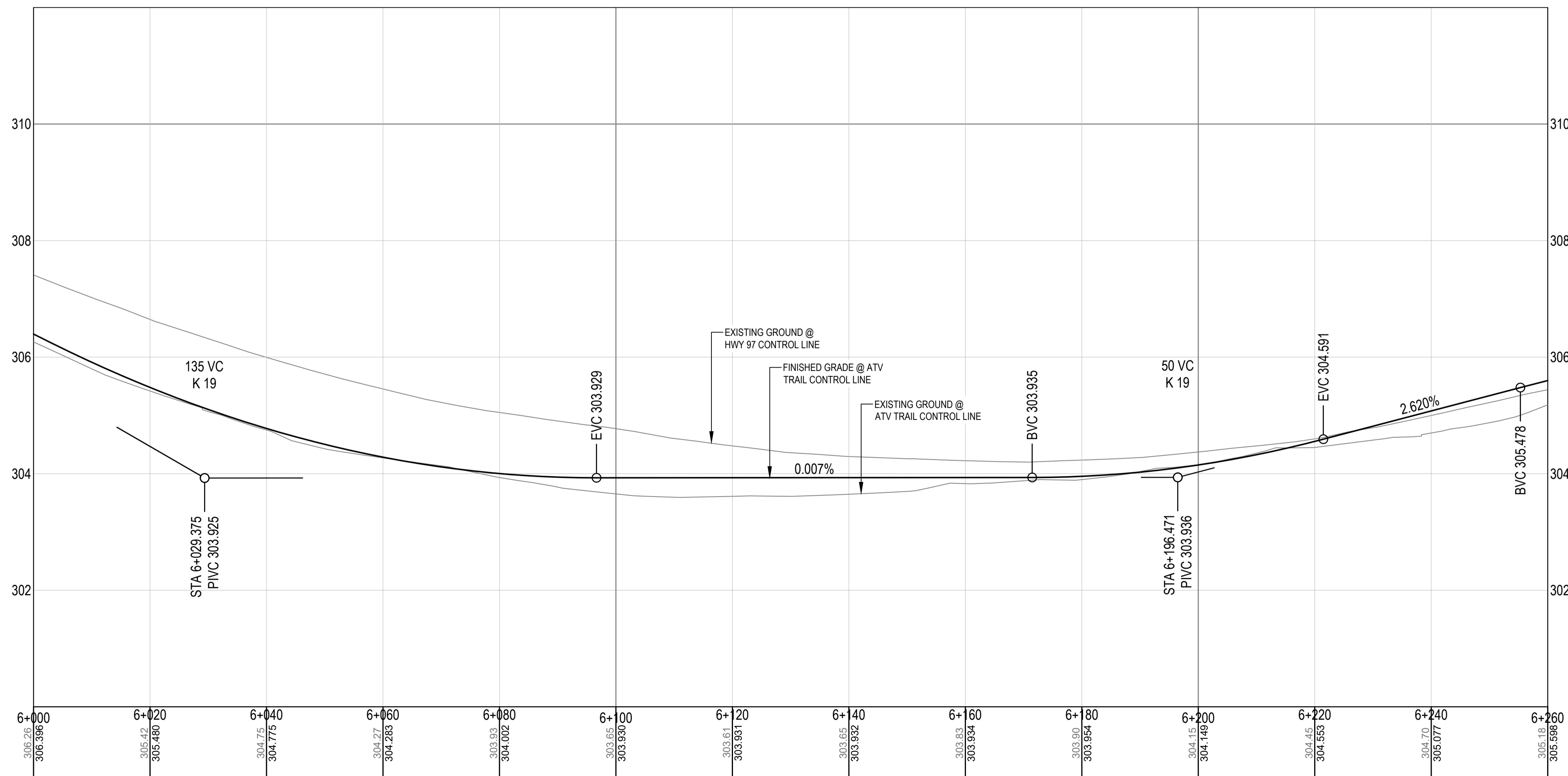
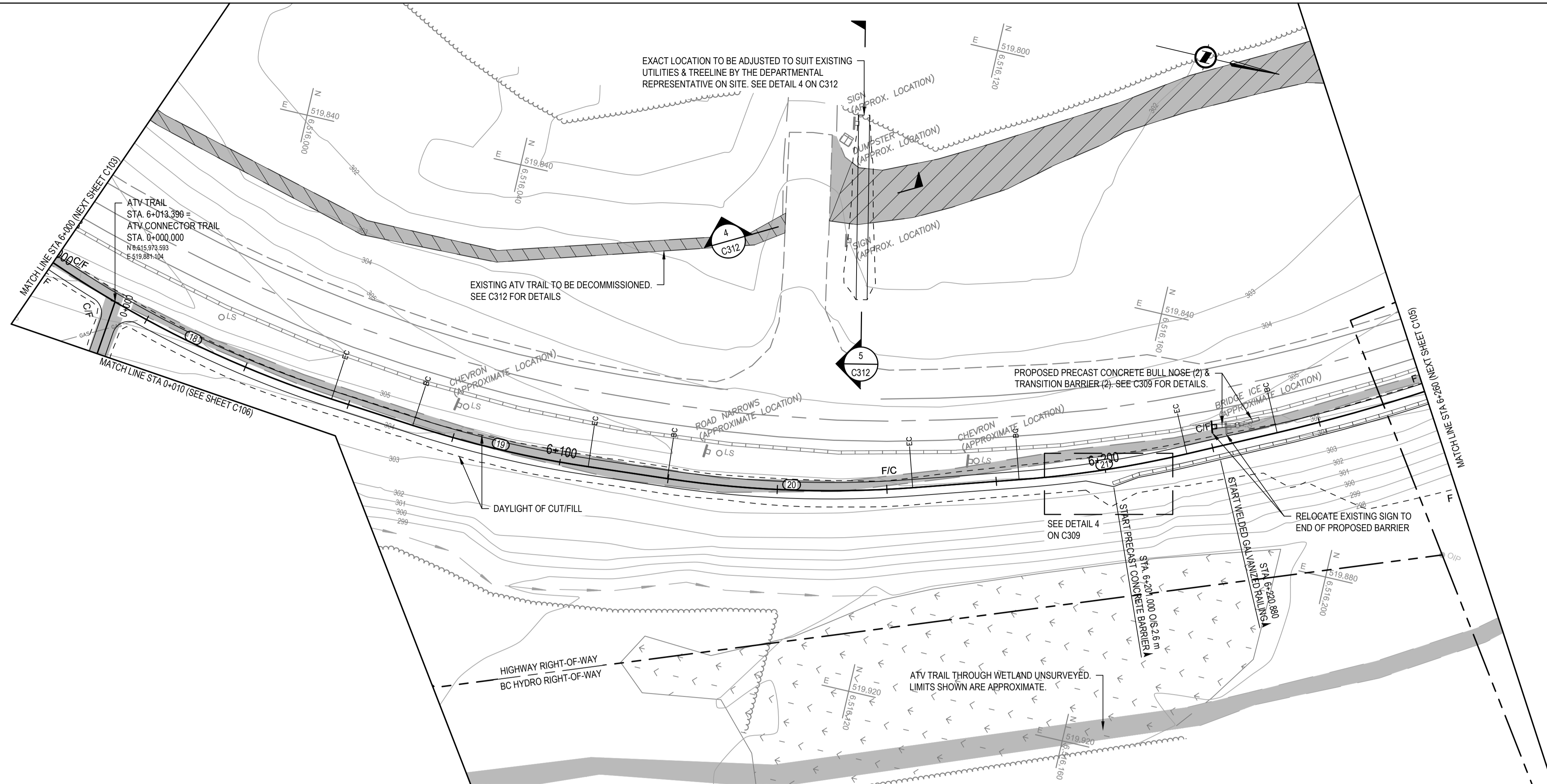
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Public Services and Procurement Canada



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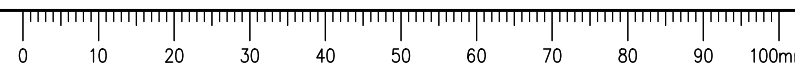
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing Title/Titre du dessin

ATV TRAIL PLAN - PROFILE
STA. 6+000 TO STA. 6+260

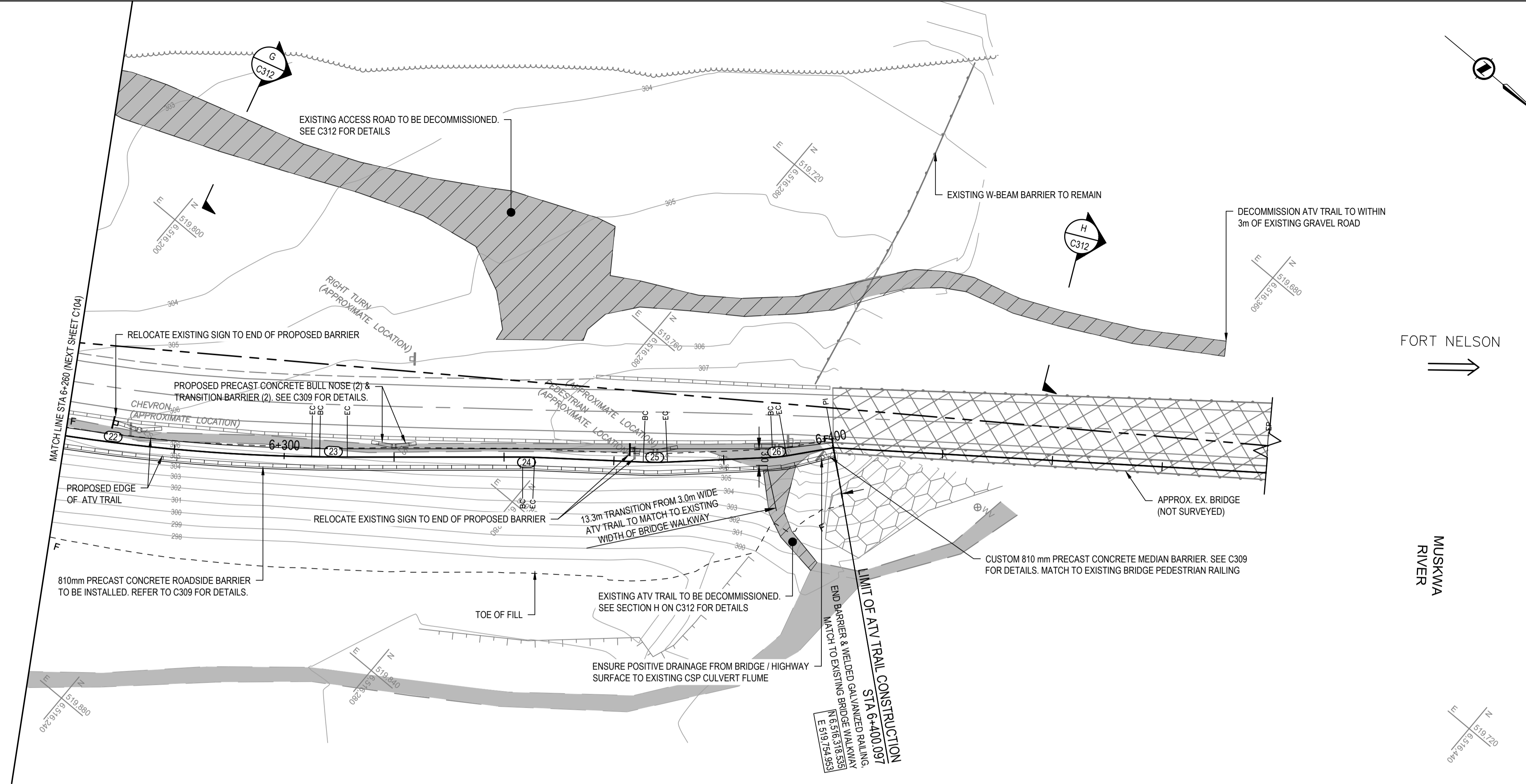
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C104	0



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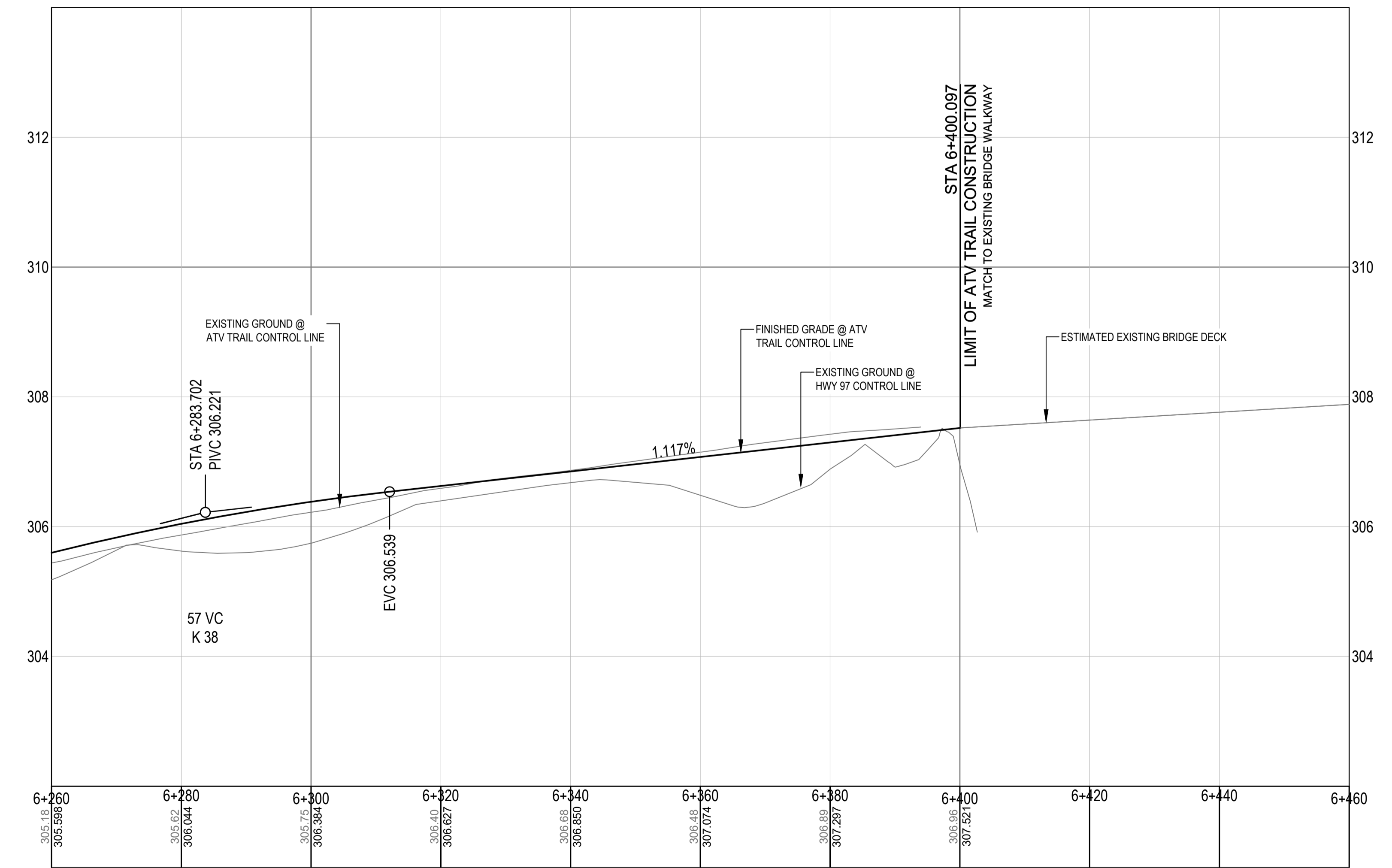
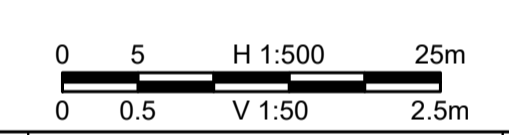
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FORT NELSON
 →

MUSKWA RIVER



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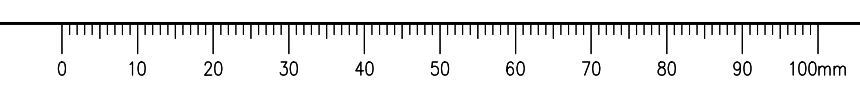
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ATV TRAIL PLAN - PROFILE
STA. 6+260 TO STA. 6+460

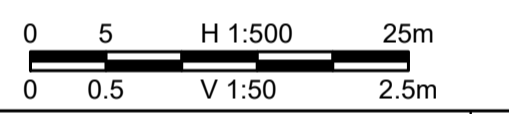
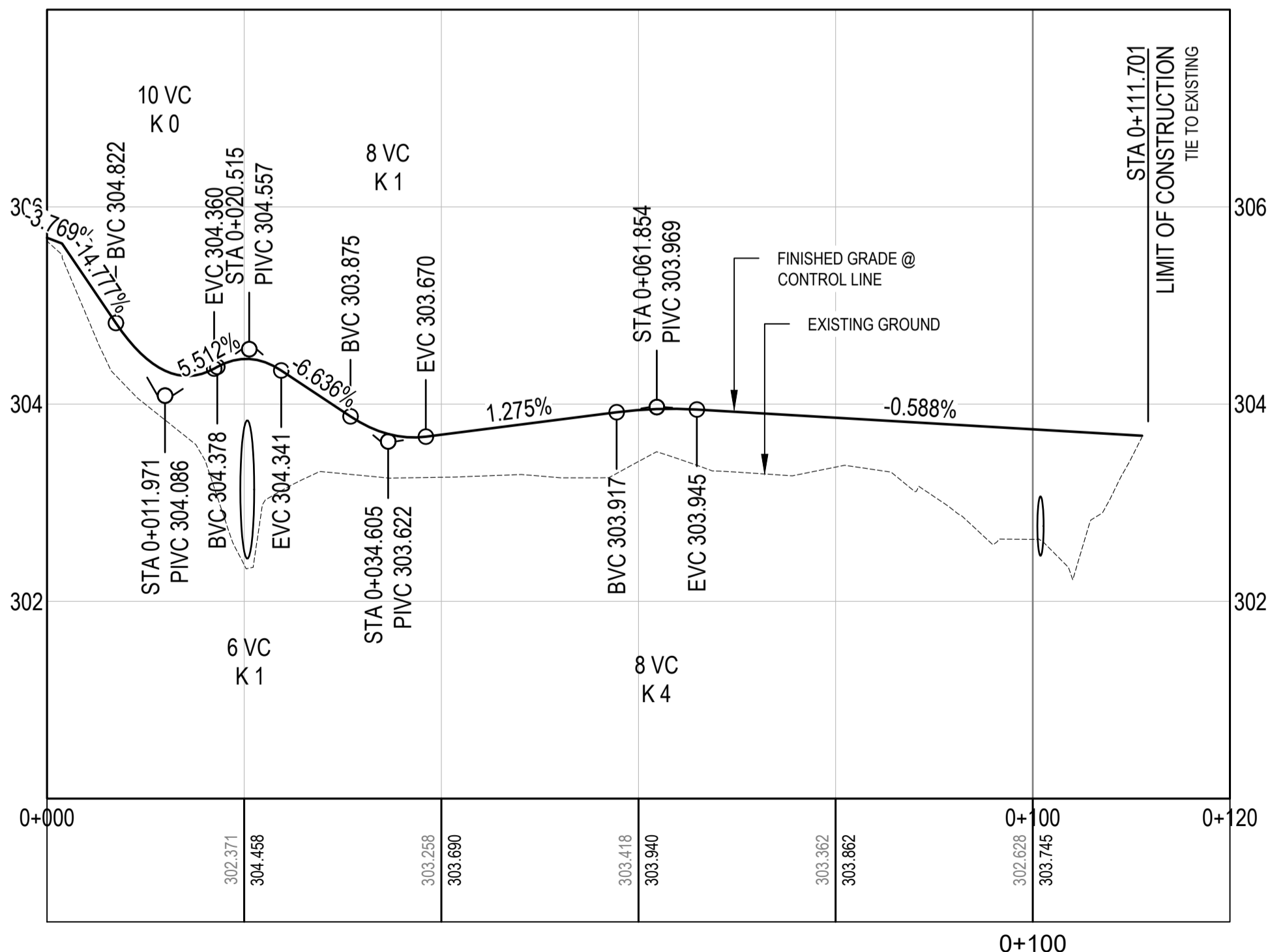
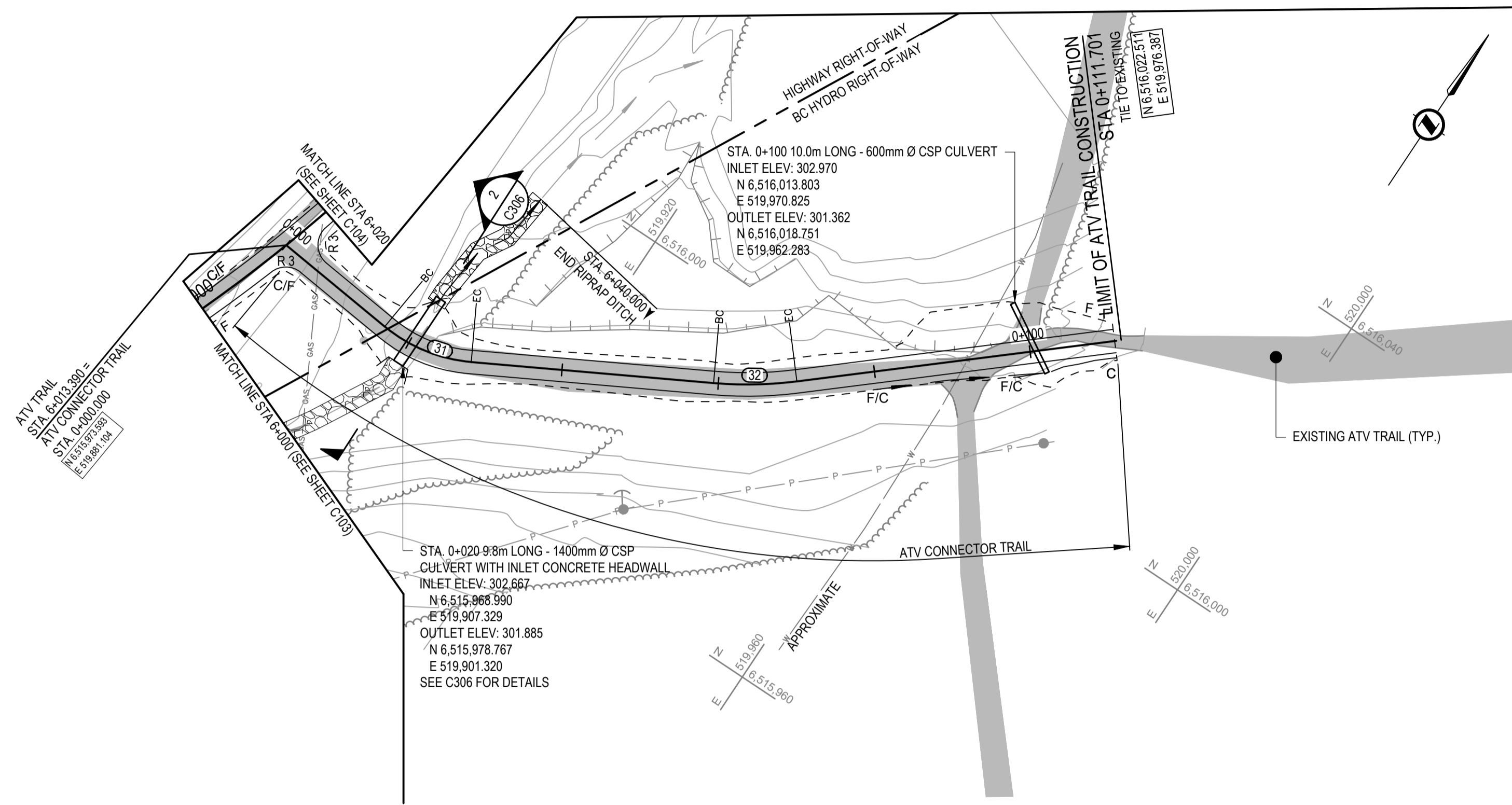
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C105	0



NOTES:
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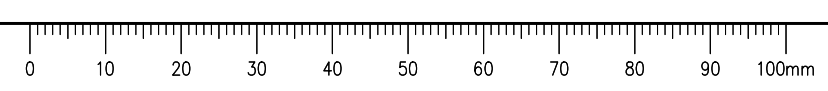


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PWSC Project Manager/Administrateur de Projets TPSCG: **A. TAHERI**
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Drawing title/Titre du dessin:
ATV TRAIL CONNECTOR PLAN - PROFILE STA. 0+000 TO STA. 0+111

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C106	0



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ATV TRAIL CURVE LAYOUT GEOMETRY							
CURVE #	RADIUS	DELTA	LENGTH	CHORD BEARING	BC STATION	EC STATION	PI COORD.
1	50	6° 29' 38"	5.667	N21° 53' 27"E	5+071.245 N 6,515,131.247 E 519,476.673	5+076.912 N 6,515,131.247 E 519,476.673	N 6,515,133.934 E 519,477.580
2	200	2° 44' 00"	9.541	N26° 30' 16"E	5+106.318 N 6,515,163.123 E 519,491.276	5+115.859 N 6,515,163.123 E 519,491.276	N 6,515,167.443 E 519,493.303
3	200	2° 58' 55"	10.409	N26° 22' 48"E	5+161.731 N 6,515,212.211 E 519,516.978	5+172.140 N 6,515,212.211 E 519,516.978	N 6,515,216.813 E 519,519.411
4	200	3° 34' 54"	12.502	N23° 05' 54"E	5+261.883 N 6,515,302.943 E 519,559.372	5+274.385 N 6,515,302.943 E 519,559.372	N 6,515,308.616 E 519,562.003
5	200	4° 01' 10"	14.030	N19° 17' 52"E	5+372.877 N 6,515,406.201 E 519,600.065	5+386.907 N 6,515,406.201 E 519,600.065	N 6,515,412.739 E 519,602.615
6	200	3° 13' 03"	11.232	N18° 53' 49"E	5+415.350 N 6,515,446.598 E 519,613.153	5+426.582 N 6,515,446.598 E 519,613.153	N 6,515,451.962 E 519,614.823
7	200	6° 29' 11"	22.642	N23° 44' 56"E	5+509.125 N 6,515,534.536 E 519,645.705	5+531.767 N 6,515,534.536 E 519,645.705	N 6,515,545.151 E 519,649.675
8	200	7° 58' 49"	27.856	N30° 58' 56"E	5+599.461 N 6,515,615.570 E 519,685.543	5+627.318 N 6,515,615.570 E 519,685.543	N 6,515,628.001 E 519,691.875
9	400	8° 45' 42"	61.169	N30° 35' 29"E	5+629.724 N 6,515,641.405 E 519,701.251	5+690.893 N 6,515,641.405 E 519,701.251	N 6,515,666.515 E 519,718.815
10	200	12° 21' 59"	43.167	N32° 23' 38"E	5+719.101 N 6,515,719.316 E 519,744.809	5+762.268 N 6,515,719.316 E 519,744.809	N 6,515,738.756 E 519,754.379
11	200	7° 20' 49"	25.645	N34° 54' 13"E	5+798.408 N 6,515,783.948 E 519,790.425	5+824.053 N 6,515,783.948 E 519,790.425	N 6,515,793.986 E 519,798.432
12	200	2° 23' 52"	8.370	N30° 01' 52"E	5+854.940 N 6,515,831.377 E 519,821.104	5+863.311 N 6,515,831.377 E 519,821.104	N 6,515,834.966 E 519,823.274
13	10	63° 32' 12"	11.089	N2° 56' 10"W	5+874.673 N 6,515,848.577 E 519,830.772	5+885.762 N 6,515,848.577 E 519,830.772	N 6,515,854.002 E 519,833.758
14	10	58° 15' 24"	10.168	N5° 34' 34"W	5+896.127 N 6,515,859.393 E 519,830.025	5+896.294 N 6,515,859.393 E 519,830.025	N 6,515,863.974 E 519,826.852
15	100	11° 28' 58"	20.041	N29° 17' 37"E	5+899.772 N 6,515,872.269 E 519,830.468	5+919.813 N 6,515,872.269 E 519,830.468	N 6,515,881.486 E 519,834.486
16	100	7° 41' 02"	13.411	N31° 11' 35"E	5+925.328 N 6,515,894.234 E 519,843.424	5+938.739 N 6,515,894.234 E 519,843.424	N 6,515,899.733 E 519,847.279
17	200	6° 09' 26"	21.493	N24° 16' 21"E	5+970.636 N 6,515,934.029 E 519,865.019	5+992.129 N 6,515,934.029 E 519,865.019	N 6,515,943.584 E 519,869.961
18	200	16° 18' 42"	56.938	N13° 02' 16"E	5+999.822 N 6,515,960.786 E 519,876.631	6+056.761 N 6,515,960.786 E 519,876.631	N 6,515,987.510 E 519,886.994
19	200	9° 25' 38"	32.907	N0° 10' 06"E	6+072.335 N 6,516,031.587 E 519,890.759	6+105.242 N 6,516,031.587 E 519,890.759	N 6,516,048.018 E 519,892.162
20	200	12° 51' 18"	44.872	N10° 58' 22"W	6+119.838 N 6,516,079.006 E 519,889.699	6+164.710 N 6,516,079.006 E 519,889.699	N 6,516,101.466 E 519,887.913
21	200	8° 53' 00"	31.009	N21° 50' 31"W	6+184.172 N 6,516,141.537 E 519,875.356	6+215.180 N 6,516,141.537 E 519,875.356	N 6,516,156.362 E 519,870.710
22	330	12° 39' 38"	72.920	N32° 36' 50"W	6+232.083 N 6,516,185.447 E 519,856.346	6+305.003 N 6,516,185.447 E 519,856.346	N 6,516,218.271 E 519,840.135
23	300	0° 57' 37"	5.027	N39° 25' 27"W	6+306.467 N 6,516,247.882 E 519,816.203	6+311.495 N 6,516,247.882 E 519,816.203	N 6,516,249.838 E 519,814.623
24	50	2° 31' 10"	2.199	N38° 38' 40"W	6+343.381 N 6,516,276.226 E 519,792.556	6+345.579 N 6,516,276.226 E 519,792.556	N 6,516,277.070 E 519,791.850
25	50	5° 05' 07"	4.438	N39° 55' 39"W	6+365.327 N 6,516,293.634 E 519,779.193	6+369.765 N 6,516,293.634 E 519,779.193	N 6,516,295.399 E 519,777.844
26	20	7° 17' 51"	2.547	N46° 07' 08"W	6+388.920 N 6,516,311.166 E 519,763.412	6+391.467 N 6,516,311.166 E 519,763.412	N 6,516,312.107 E 519,762.550

ATV CONNECTOR TRAIL CURVE LAYOUT GEOMETRY							
CURVE #	RADIUS	DELTA	LENGTH	CHORD BEARING	BC STATION	EC STATION	PI COORD.
31	20	34° 39' 16"	12.097	N78° 36' 26"E	0+016.288 N 6,515,971.909 E 519,897.305	0+028.385 N 6,515,971.909 E 519,897.305	N 6,515,971.264 E 519,903.511
32	50	12° 11' 19"	10.637	N55° 11' 09"E	0+059.399 N 6,515,989.165 E 519,936.182	0+070.036 N 6,515,989.165 E 519,936.182	N 6,515,991.731 E 519,940.864

RIPRAP DITCH LAYOUT GEOMETRY		
STATION	OFFSET DISTANCE (m)*	TOP OF RIPRAP ELEVATION AT DITCH CENTERLINE
5+060.000	-8.43	364.60
5+080.000	-5.95	363.62
5+100.000	-5.16	362.59
5+120.000	-4.73	361.68
5+140.000	-4.81	360.67
5+160.000	-4.89	359.49
5+180.000	-4.80	358.61
5+200.000	-4.83	357.55
5+220.000	-4.85	356.34
5+240.000	-4.87	355.16
5+260.000	-4.90	353.91
5+280.000	-5.23	352.73
5+300.000	-5.16	351.29
5+320.000	-5.09	349.83
5+340.000	-5.02	348.43
5+360.000	-5.09	346.94
5+380.000	-5.84	345.63
5+400.000	-5.45	344.15
5+420.000	-4.98	342.97
5+440.000	-4.90	341.82
5+460.000	-4.90	340.67
5+480.000	-4.90	339.26
5+500.000	-4.90	337.87
5+520.000	-4.90	336.63
5+540.000	-4.90	335.29
5+560.000	-4.90	333.97
5+580.000	-4.90	332.60
5+600.000	-4.90	331.48
5+620.000	-4.90	330.18
5+640.000	-4.92	328.91
5+660.000	-4.93	327.86
5+680.000	-4.92	326.43
5+700.000	-4.90	325.07
5+720.000	-4.90	323.84
5+740.000	-4.90	322.62
5+760.000	-4.90	321.11
5+780.000	-4.90	319.36
5+800.000	-4.91	317.94
5+820.000	-4.91	316.47
5+840.000	-4.90	314.95
5+860.000	-4.94	314.04
5+880.000	-5.76	312.80
5+900.000	7.86	310.60
5+920.000	9.48	307.77
5+940.000	9.68	306.71
5+960.000	7.66	306.13
5+980.000	14.51	304.98
6+000.000	19.32	303.56
6+020.000	19.40	N/A
6+040.000	18.23	300.28

* ATV TRAIL CONTROL LINE TO CENTERLINE OF RIPRAP DITCH AND INTERCEPTOR DRAIN. LEFT SIDE IS NEGATIVE



0	ISSUED FOR TENDER	21/05/11
Revision/Revisão:	Description/Description	Date/Date
Client/client		

Public Services and Procurement Canada



Project title/Titre du projet

KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par

G. WILKINS

Designed by/Concepté par

A. HORWOOD / E. YANG

Drawn by/Dessiné 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

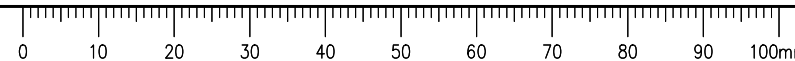
Client/client

Public Services and Procurement Canada

Drawing title/Titre du dessin

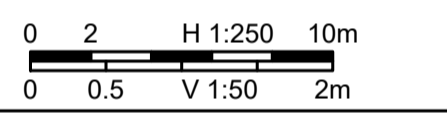
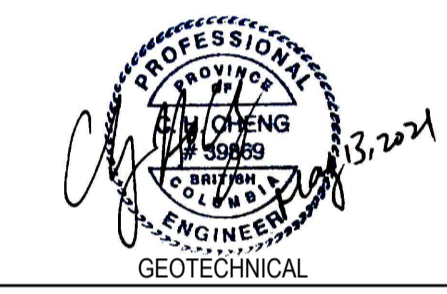
ATV TRAIL HORIZONTAL ALIGNMENT GEOMETRY & DITCH LAYOUT DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C107	0



ISSUED FOR TENDER

- GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



0	ISSUED FOR TENDER	21/05/11
Revision/	Description/Description	Date/Date
Client/client		

Public Services and Procurement Canada



Project title/Titre du projet

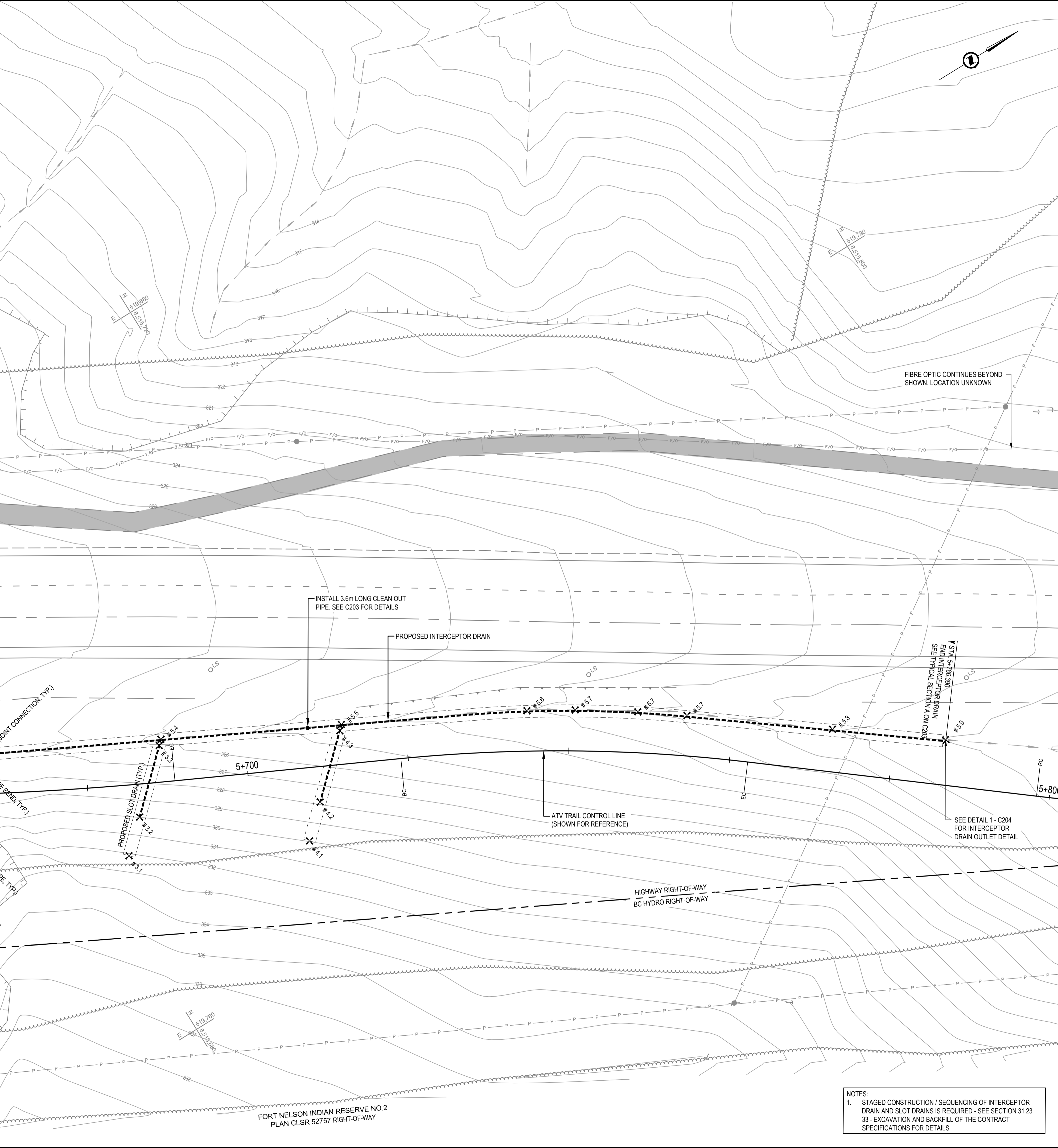
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
G. WILKINS / G. CHENG
 Designed by/Concept par
A. HORWOOD / E. YANG
 Drawn by/Dessine par
A. DEEPWELL
 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 Services and Procurement Canada
 Drawing title/Titre du dessin

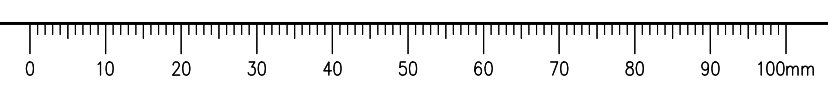
INTERCEPTOR AND SLOT DRAINS SITE PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C201	0

POINT #	NORTHING	EASTING	EX. GROUND ELEV.	DESIGN ELEVATION (DESCRIPTION)
1.1	6,515,643.956	519,713.786	330.867	MATCH EXISTING (LIMIT OF EXCAVATION)
1.2	6,515,648.702	519,710.333	329.337	324.997 (START OF PIPE)
1.3	6,515,655.439	519,705.429	328.827	323.764 (PIPE BEND)
2.1	6,515,664.189	519,726.944	330.560	MATCH EXISTING (LIMIT OF EXCAVATION)
2.2	6,515,667.850	519,723.575	330.414	325.585 (START OF PIPE)
2.3	6,515,674.641	519,717.324	327.601	322.649 (PIPE BEND)
3.1	6,515,684.253	519,737.253	332.104	MATCH EXISTING (LIMIT OF EXCAVATION)
3.2	6,515,687.900	519,733.869	328.977	327.129 (START OF PIPE)
3.3	6,515,694.663	519,727.593	326.096	322.408 (PIPE BEND)
4.1	6,515,704.275	519,747.517	329.959	MATCH EXISTING (LIMIT OF EXCAVATION)
4.2	6,515,707.953	519,744.104	327.863	324.976 (START OF PIPE)
4.3	6,515,714.686	519,737.857	324.681	320.972 (PIPE BEND)
5.1	6,515,645.604	519,697.902	329.463	322.475 (INTERCEPTOR DRAIN INVERT)
5.2	6,515,656.085	519,704.960	328.646	322.190 (INTERCEPTOR DRAIN INVERT)
5.3	6,515,675.226	519,716.786	327.395	321.684 (INTERCEPTOR DRAIN INVERT)
5.4	6,515,695.248	519,727.050	325.801	321.178 (INTERCEPTOR DRAIN INVERT)
5.5	6,515,715.271	519,737.314	324.328	320.672 (INTERCEPTOR DRAIN INVERT)
5.6	6,515,735.753	519,748.011	323.108	320.152 (INTERCEPTOR DRAIN INVERT)
5.7	6,515,740.904	519,751.093	322.757	320.039 (INTERCEPTOR DRAIN INVERT)
5.8	6,515,747.384	519,755.397	322.192	319.859 (INTERCEPTOR DRAIN INVERT)
5.9	6,515,752.335	519,759.006	321.672	319.705 (INTERCEPTOR DRAIN INVERT)
6.0	6,515,766.794	519,769.993	320.107	319.296 (INTERCEPTOR DRAIN INVERT)
6.1	6,515,777.959	519,778.476	318.978	318.978 (INTERCEPTOR DRAIN INVERT)



- NOTES:
 1. STAGED CONSTRUCTION / SEQUENCING OF INTERCEPTOR DRAIN AND SLOT DRAINS IS REQUIRED - SEE SECTION 31 23
 33 - EXCAVATION AND BACKFILL OF THE CONTRACT SPECIFICATIONS FOR DETAILS

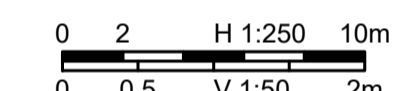
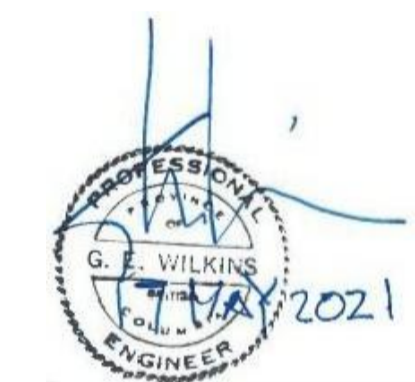


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ISSUED FOR TENDER

NOTES:
1. STAGED CONSTRUCTION / SEQUENCING OF INTERCEPTOR DRAIN AND SLOT DRAINS IS REQUIRED - SEE SECTION 31 23 33 - EXCAVATION AND BACKFILL OF THE CONTRACT SPECIFICATIONS FOR DETAILS

- GENERAL NOTES:
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2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



Revision/Revisión	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client: **Public Services and Procurement Canada**



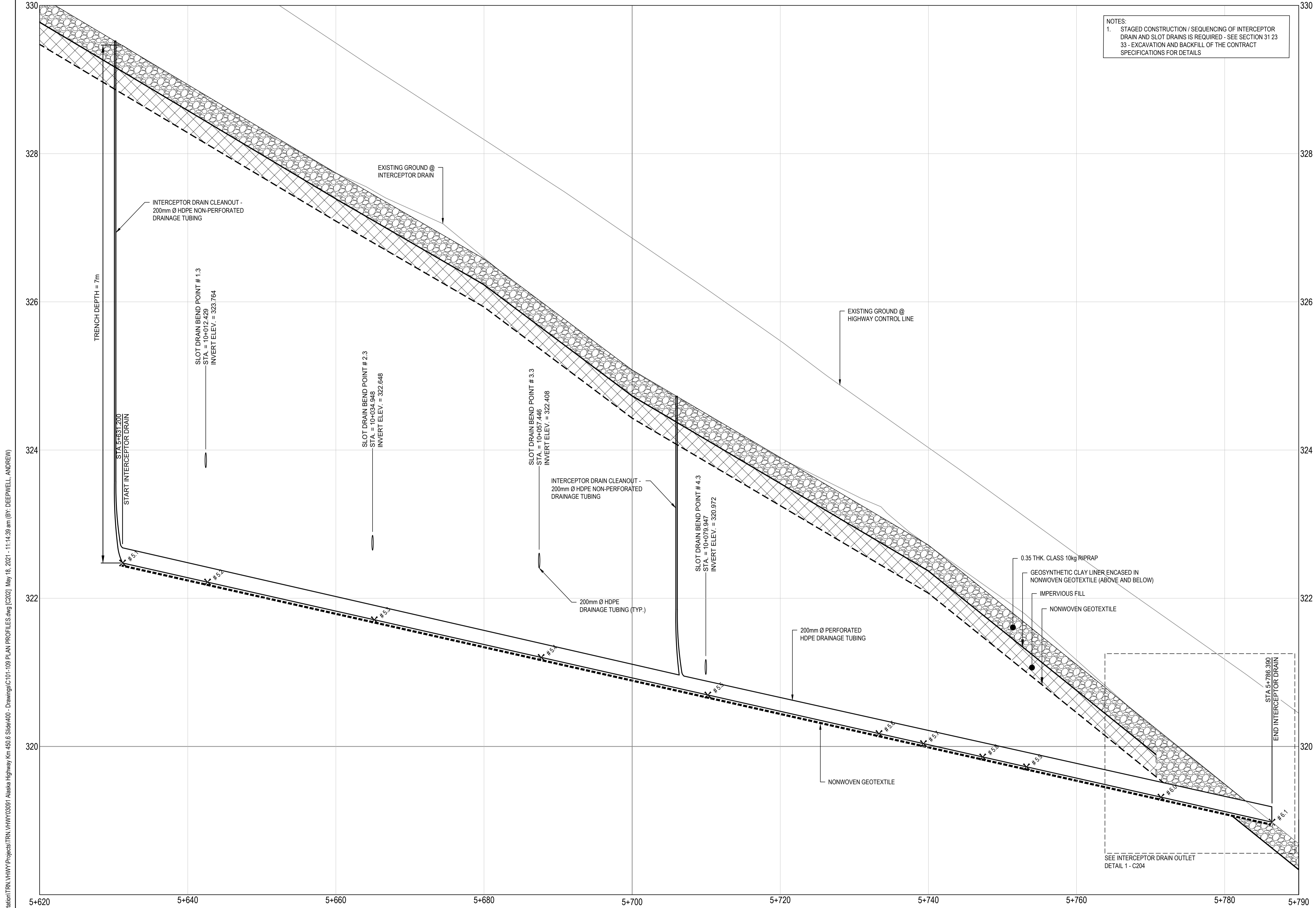
Project title/Titre du projet:
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par: **G. WILKINS / G. CHENG**
Designed by/Concept par: **A. HORWOOD / E. YANG**
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 Services and Procurement Canada**

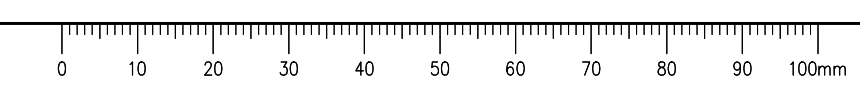
Drawing title/Titre du dessin:
INTERCEPTOR DRAIN PROFILE

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C202	0



INTERCEPTOR DRAIN PROFILE
STA. 5+631.200 TO 5+786.390 (PROJECTED FROM ATV TRAIL CONTROL LINE)
SCALE H 1:250 V 1:50

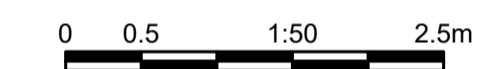
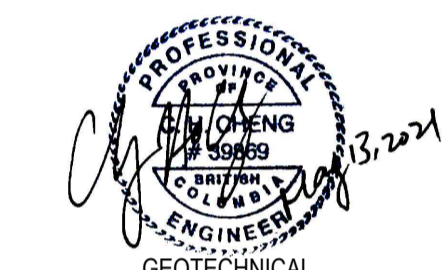
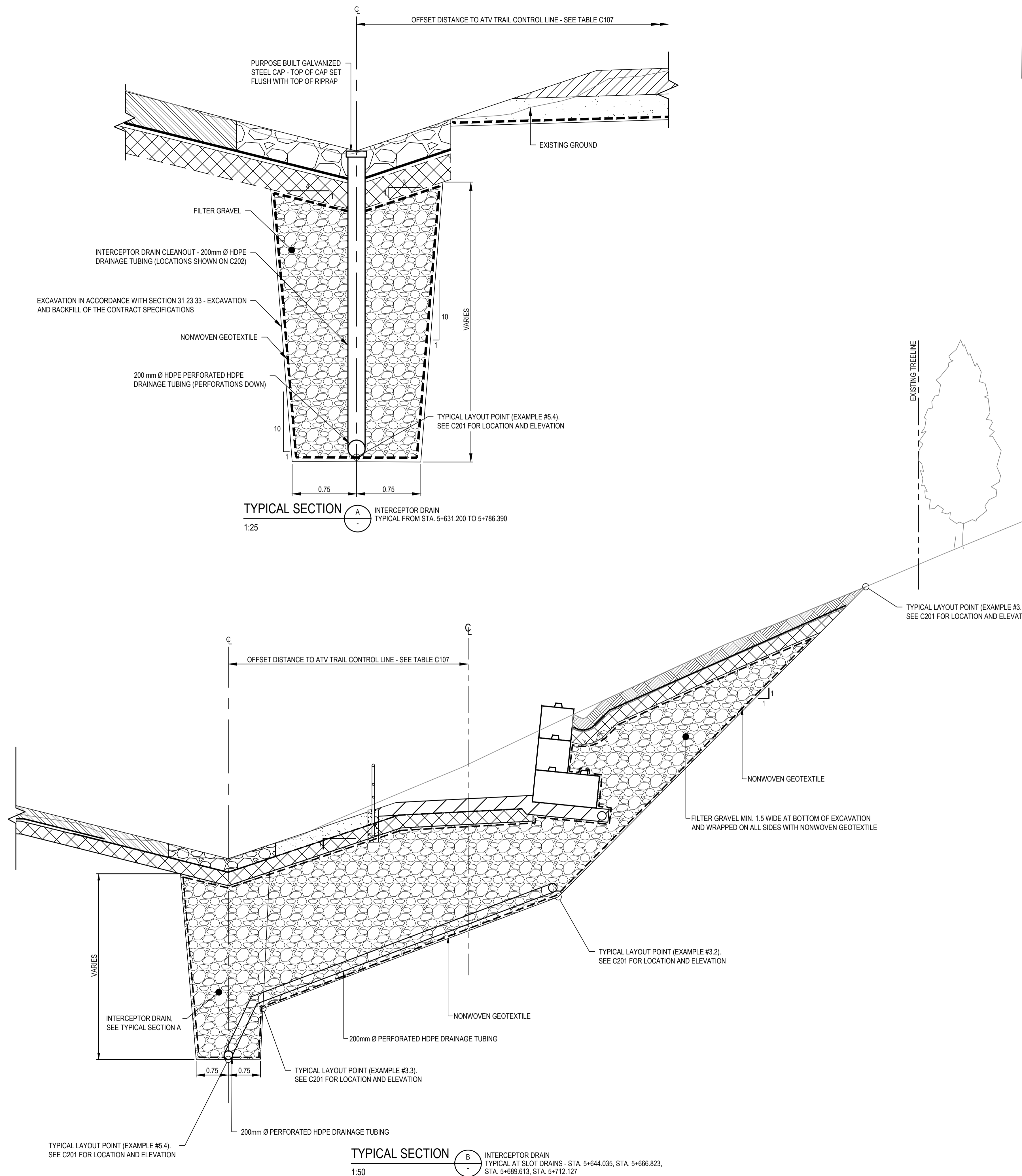
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ISSUED FOR TENDER

- NOTES:
1. STAGED CONSTRUCTION / SEQUENCING OF INTERCEPTOR DRAIN AND SLOT DRAINS IS REQUIRED - SEE SECTION 31 23 33 - EXCAVATION AND BACKFILL OF THE CONTRACT SPECIFICATIONS FOR DETAILS
 2. ATV TRAIL DETAILS SHOWN IN GREY FOR REFERENCE - SEE C301 FOR TYPICAL SECTIONS AND C304 FOR DETAILS.
 3. CONCRETE BLOCK WALL DETAILS SHOWN IN GREY FOR REFERENCE - SEE C304 FOR DETAILS.

- GENERAL NOTES:
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Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project Title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS / G. CHENG

Designed by/Concepté par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

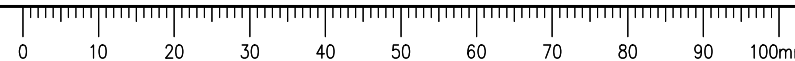
PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

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

Client/client
Public Services and Procurement Canada

Drawing Title/Titre du dessin
INTERCEPTOR AND SLOT DRAIN SECTIONS

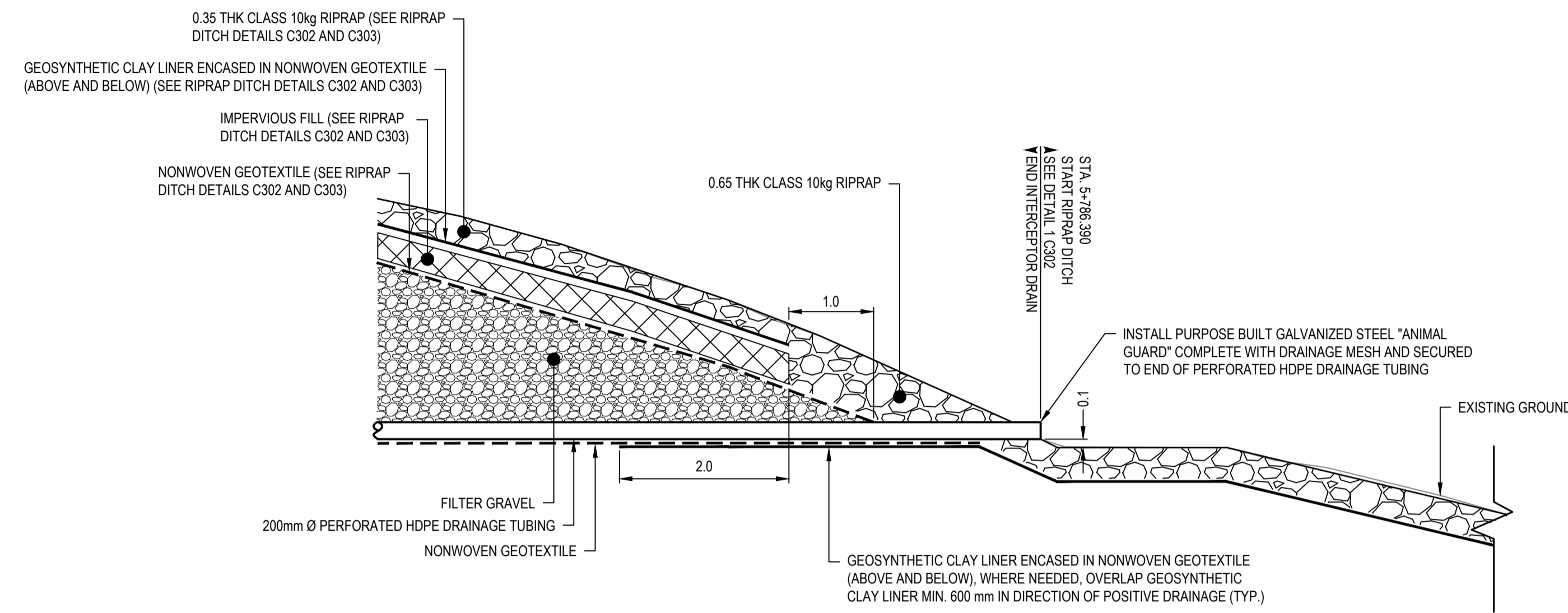
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C203	0



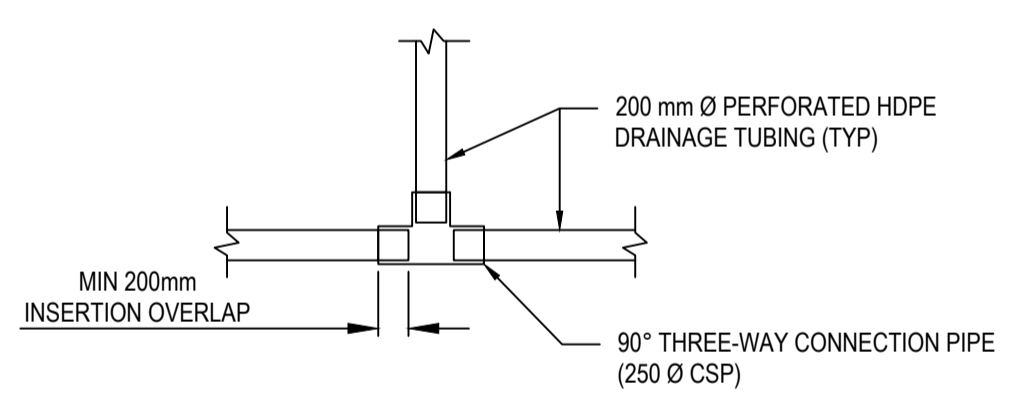
ISSUED FOR TENDER

- NOTES:
1. STAGED CONSTRUCTION / SEQUENCING OF INTERCEPTOR DRAIN AND SLOT DRAINS IS REQUIRED - SEE SECTION 31 23 33 - EXCAVATION AND BACKFILL OF THE CONTRACT SPECIFICATIONS FOR DETAILS
 2. ATV TRAIL DETAILS SHOWN IN GREY FOR REFERENCE - SEE C301 FOR TYPICAL SECTIONS AND C304 FOR DETAILS. CONCRETE BLOCK WALL DETAILS SHOWN IN GREY FOR REFERENCE - SEE C304 FOR DETAILS.

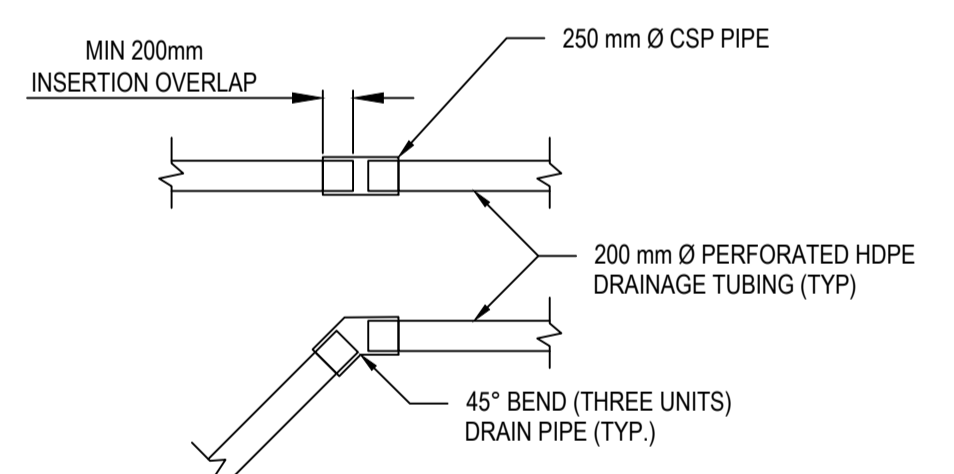
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 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



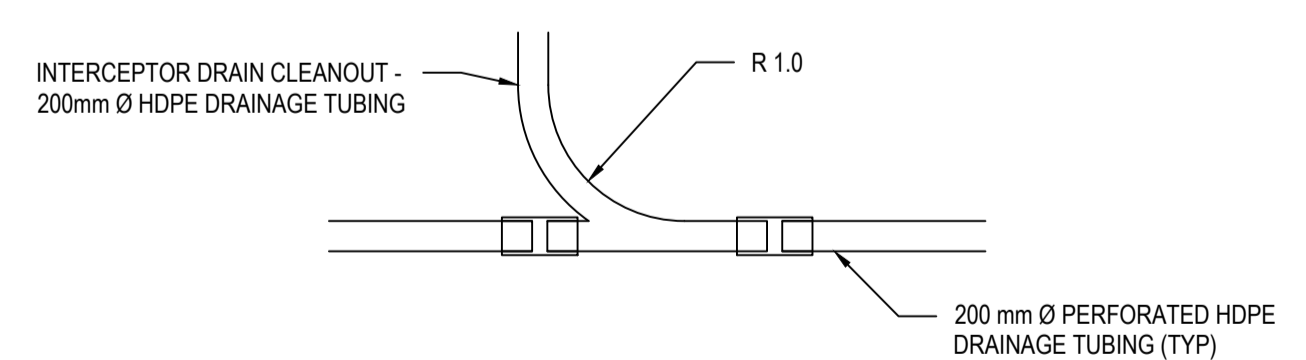
DETAIL 1 INTERCEPTOR DRAIN OUTLET
1:50



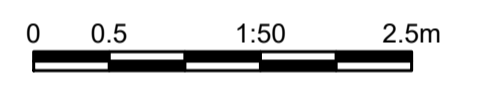
DETAIL 2 HDPE DRAINAGE TUBING THREE-WAY CONNECTION
NTS



DETAIL 3 HDPE DRAINAGE TUBING 45° BEND
NTS



DETAIL 4 HDPE DRAINAGE TUBING WYE CONNECTION TO CLEANOUT
NTS



Revision/Revisión	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS / G. CHENG

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

PWSC Project Manager/Administrateur de Projets TPSC
A. TAHERI

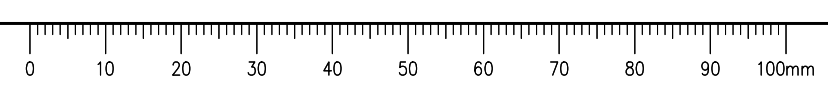
PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSC

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
INTERCEPTOR DRAIN DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C204	0

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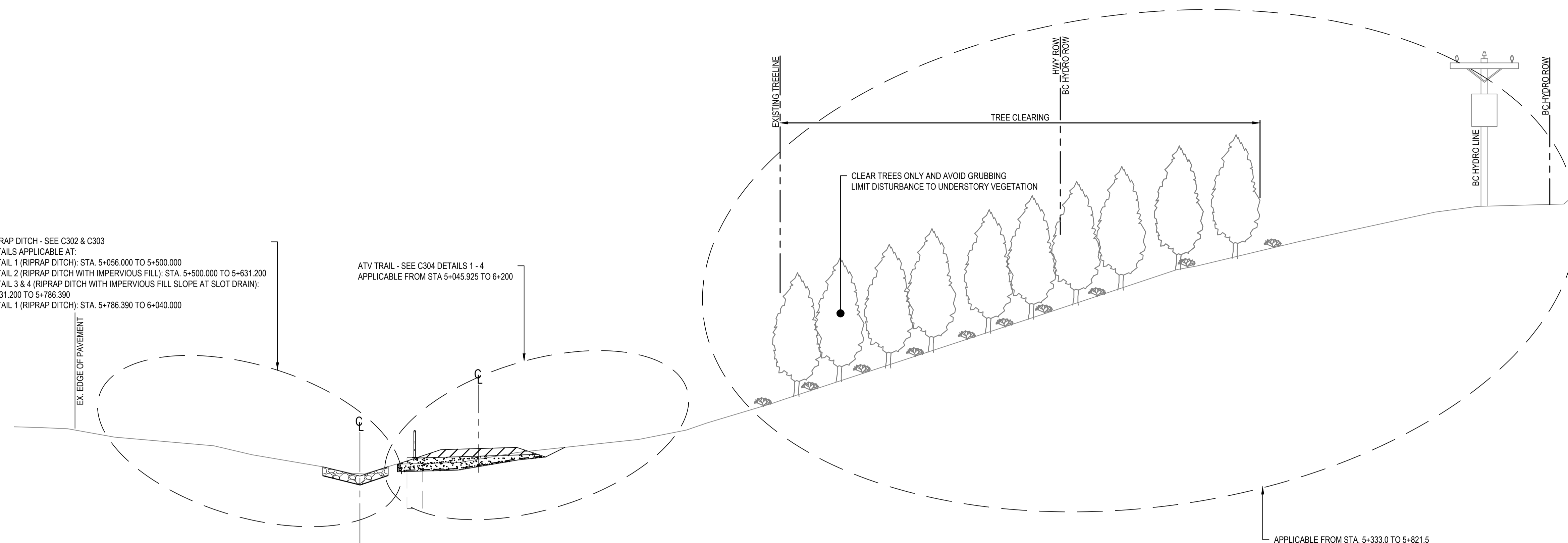
ISSUED FOR TENDER

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 - ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



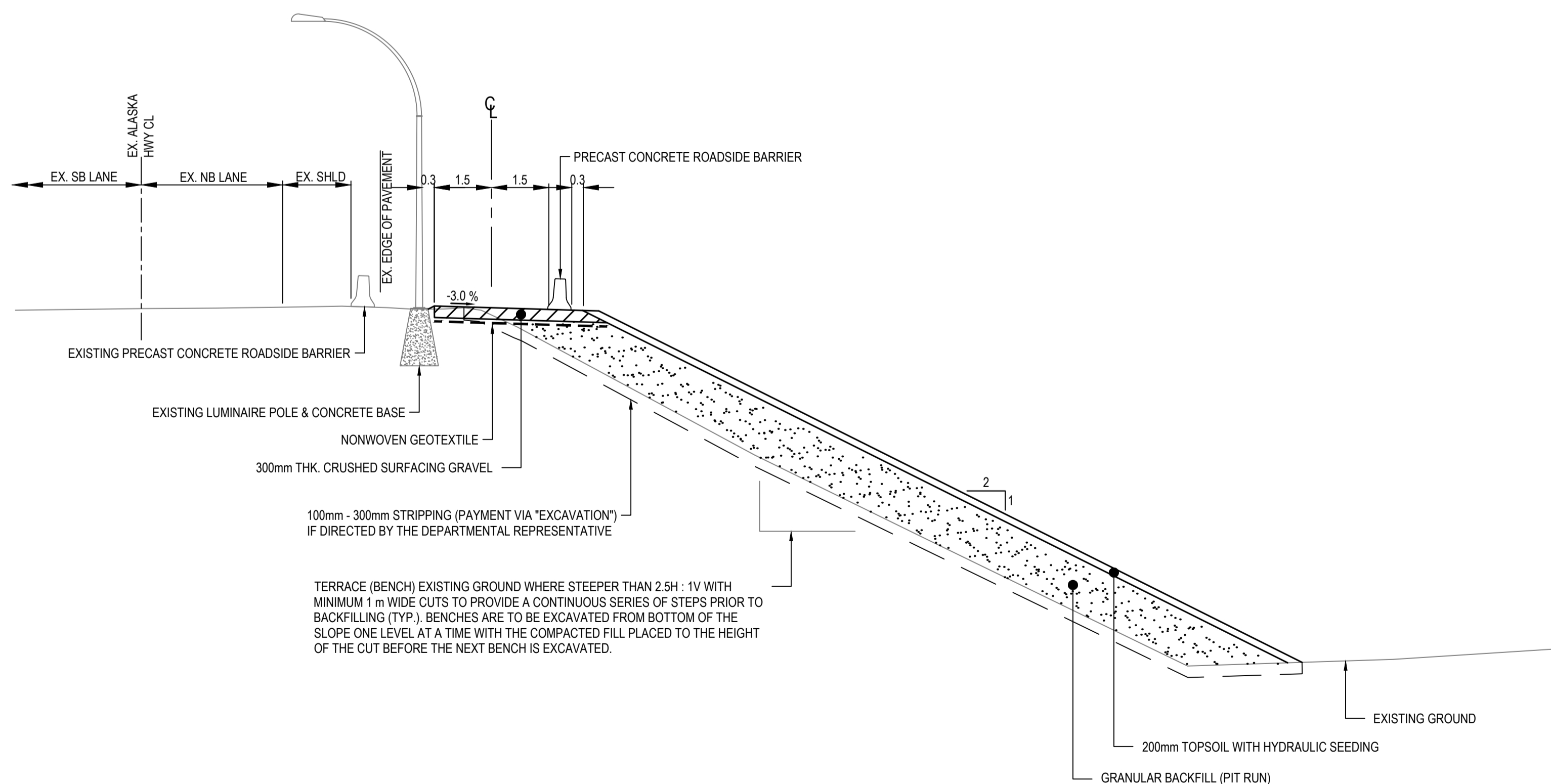
RIPRAP DITCH - SEE C302 & C303
DETAILS APPLICABLE AT:
DETAIL 1 (RIPRAP DITCH): STA. 5+056.000 TO 5+500.000
DETAIL 2 (RIPRAP DITCH WITH IMPERVIOUS FILL): STA. 5+500.000 TO 5+631.200
DETAIL 3 & 4 (RIPRAP DITCH WITH IMPERVIOUS FILL SLOPE AT SLOT DRAIN): 5+631.200 TO 5+786.390
DETAIL 1 (RIPRAP DITCH): STA. 5+786.390 TO 6+040.000

ATV TRAIL - SEE C304 DETAILS 1 - 4
APPLICABLE FROM STA 5+045.925 TO 6+200

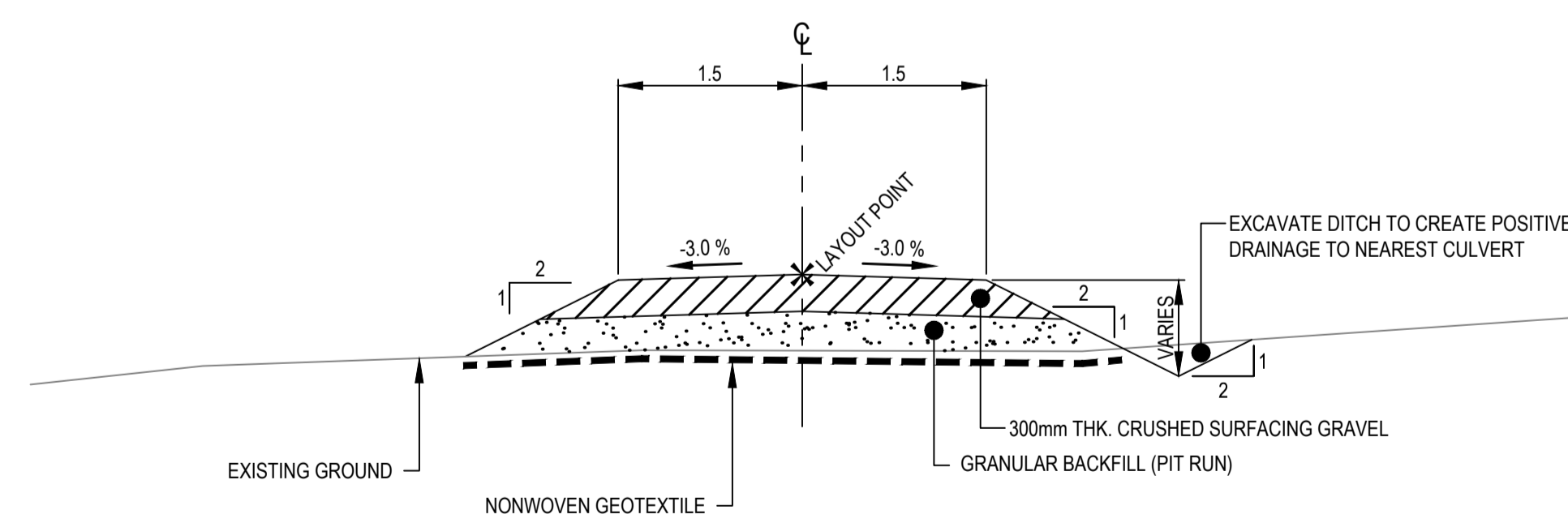


TYPICAL SECTION C
1:100
ATV TRAIL WITH DITCH AND TREE CLEARING
TYPICAL FROM STA. 5+045.981 TO STA. 6+200

0 0.2 1:25 1.2m



TYPICAL SECTION D
1:100
ATV TRAIL WITH PROPOSED PRECAST CONCRETE BARRIER AND HIGHWAY EMBANKMENT WIDENING
TYPICAL FROM STA. 6+200 TO STA. 6+400.097



TYPICAL SECTION E
1:100
ATV CONNECTOR TRAIL
TYPICAL FROM STA. 0+000 TO STA. 0+111

Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project title/Titre du projet

KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concepté par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

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

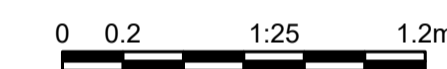
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
ATV TRAIL TYPICAL SECTIONS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C301	0

ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 - THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 - ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client: Public Services and Procurement Canada



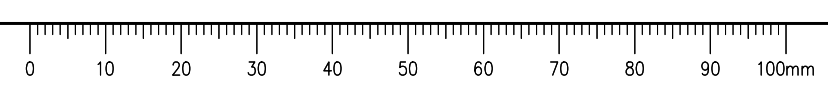
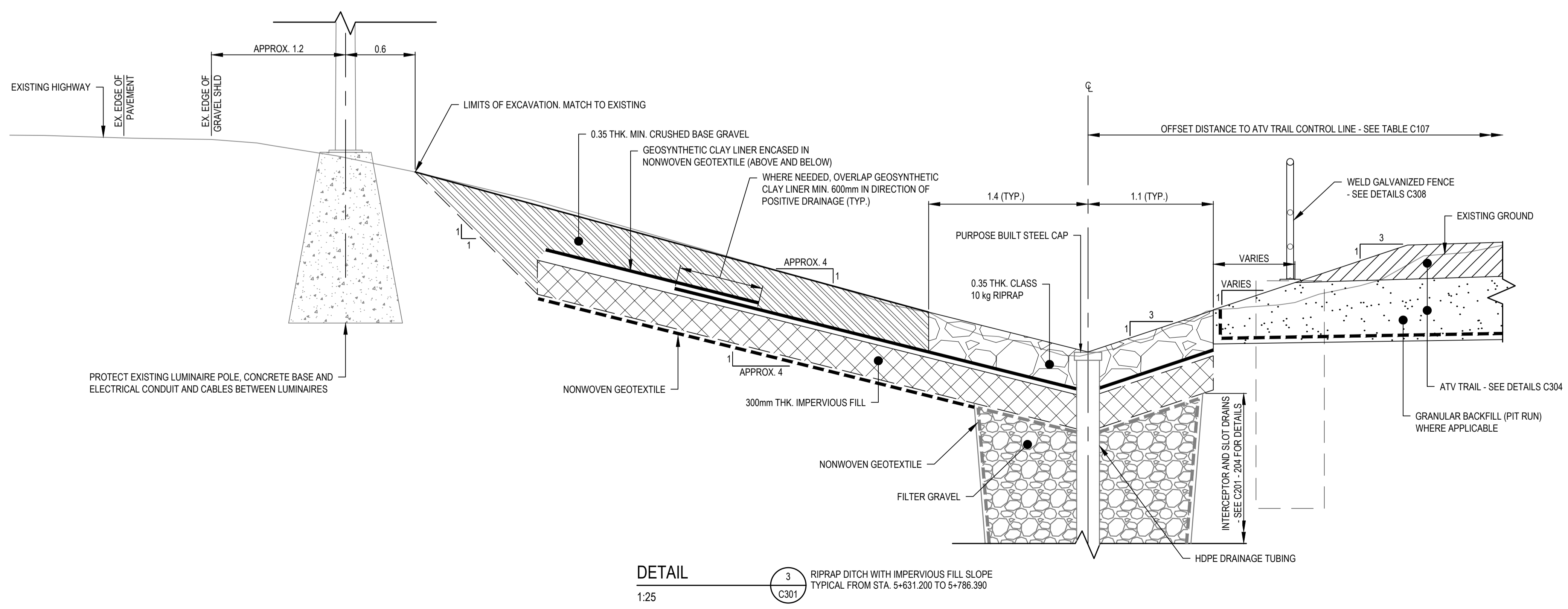
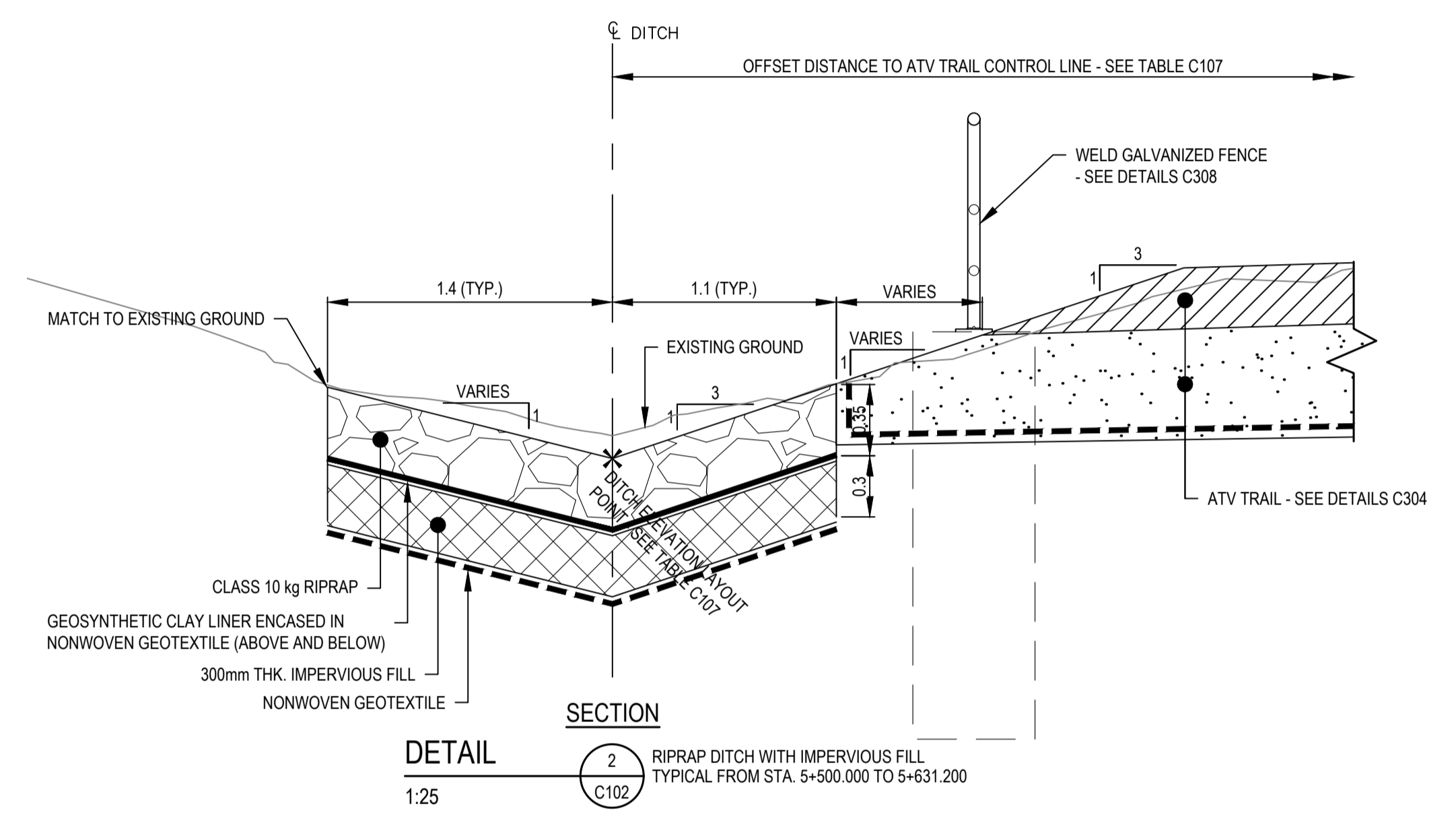
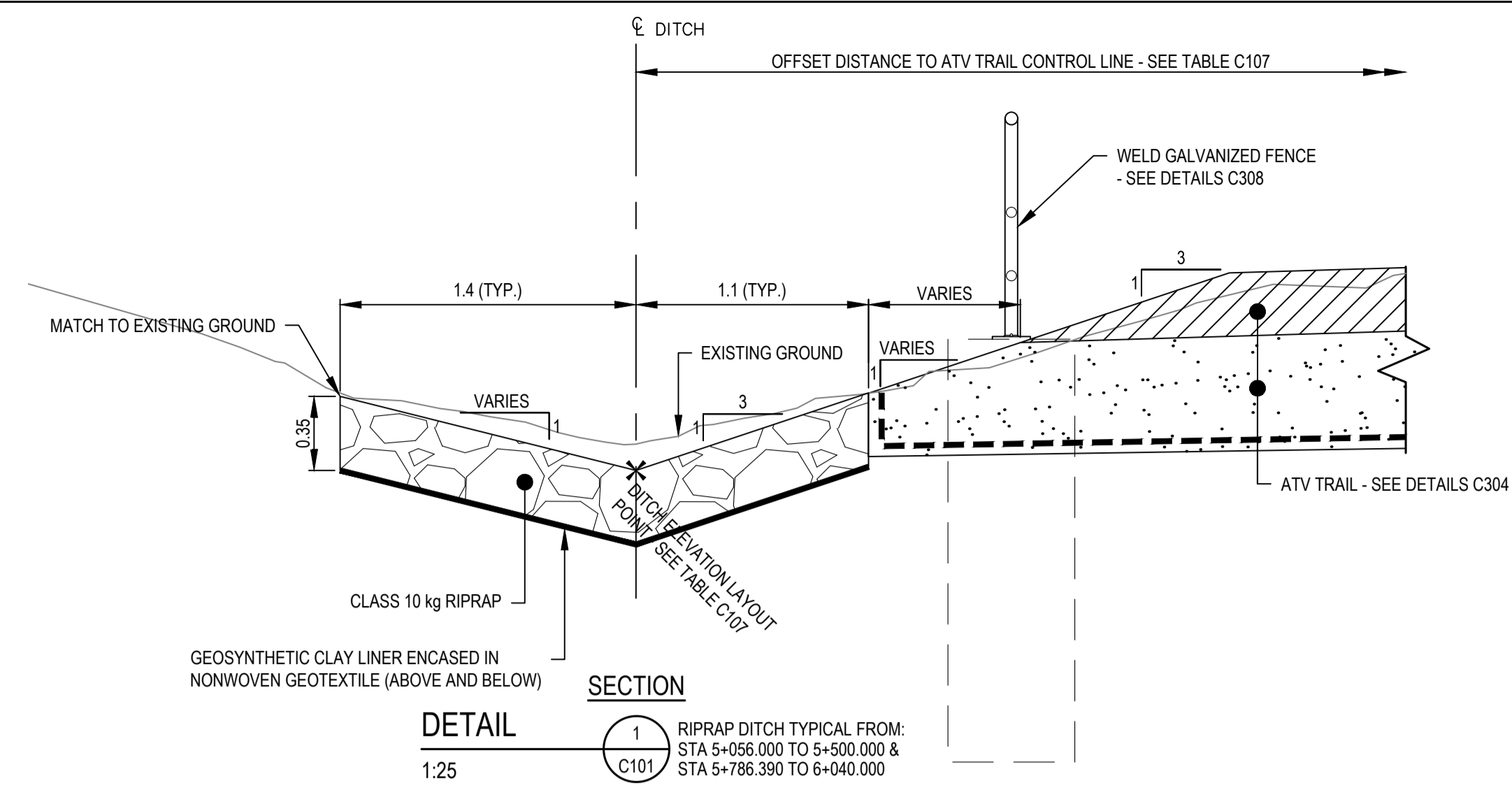
Project title/Titre du projet:
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par: **G. WILKINS**
 Designed by/Concepté par: **A. HORWOOD / E. YANG**
 Drawn by/Dessiné 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 Services and Procurement Canada

Drawing title/Titre du dessin:
RIPRAP DITCH DETAILS (SHEET 1 OF 2)

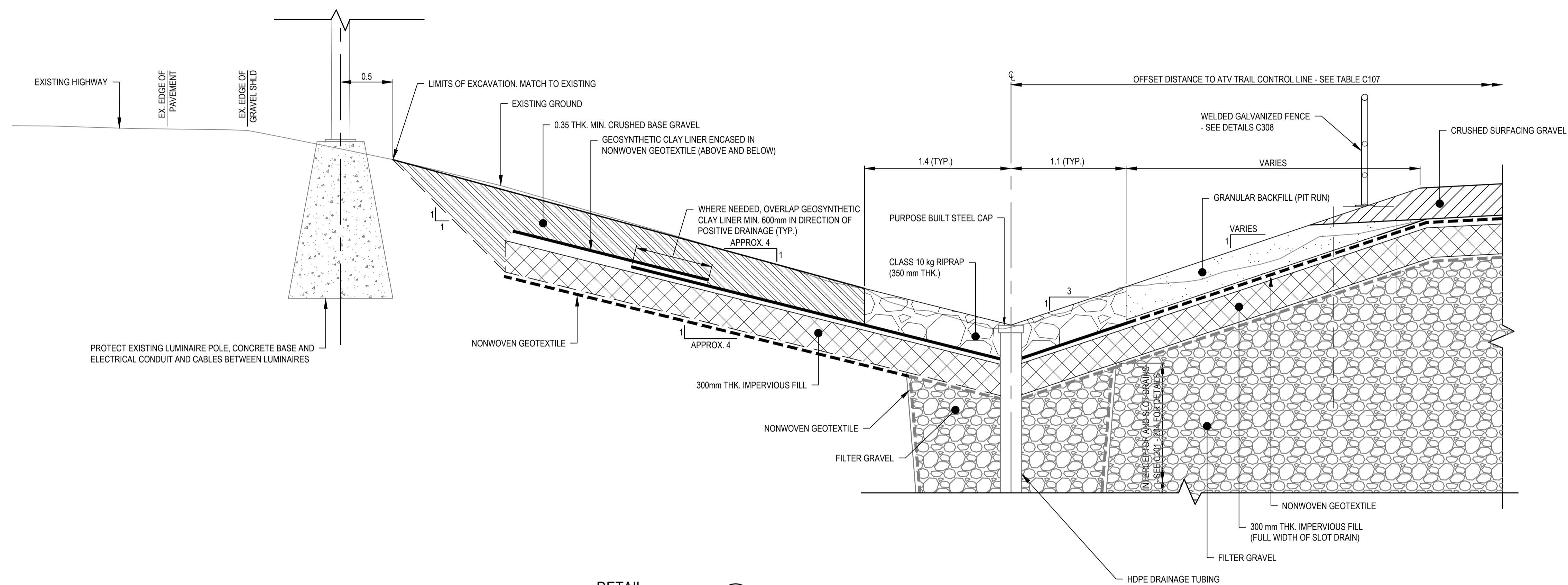
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C302	0



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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



DETAIL
1:25

4 RIPRAP DITCH WITH IMPERVIOUS FILL SLOPE AT SLOT DRAINS
TYPICAL AT SELECT LOCATIONS FROM STA. 5+631.200 TO 5+786.390
C301

0	ISSUED FOR TENDER	21/05/11
Revision/Revisión	Description/Description	Date/Date
Client/Client		

Public Services and Procurement Canada



Project Title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
G. WILKINS

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessine par
A. DEEPWELL

PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

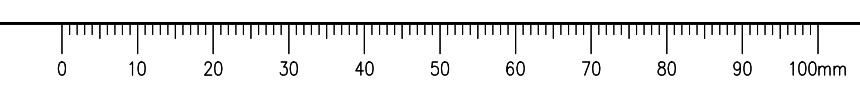
PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/Client
Public Services and Procurement Canada

Drawing Title/Titre du dessin
RIPRAP DITCH DETAILS (SHEET 2 OF 2)

Project No./No. du projet R.115165.001	Sheet/Feuille C303	Revision no./La Révision no. 0
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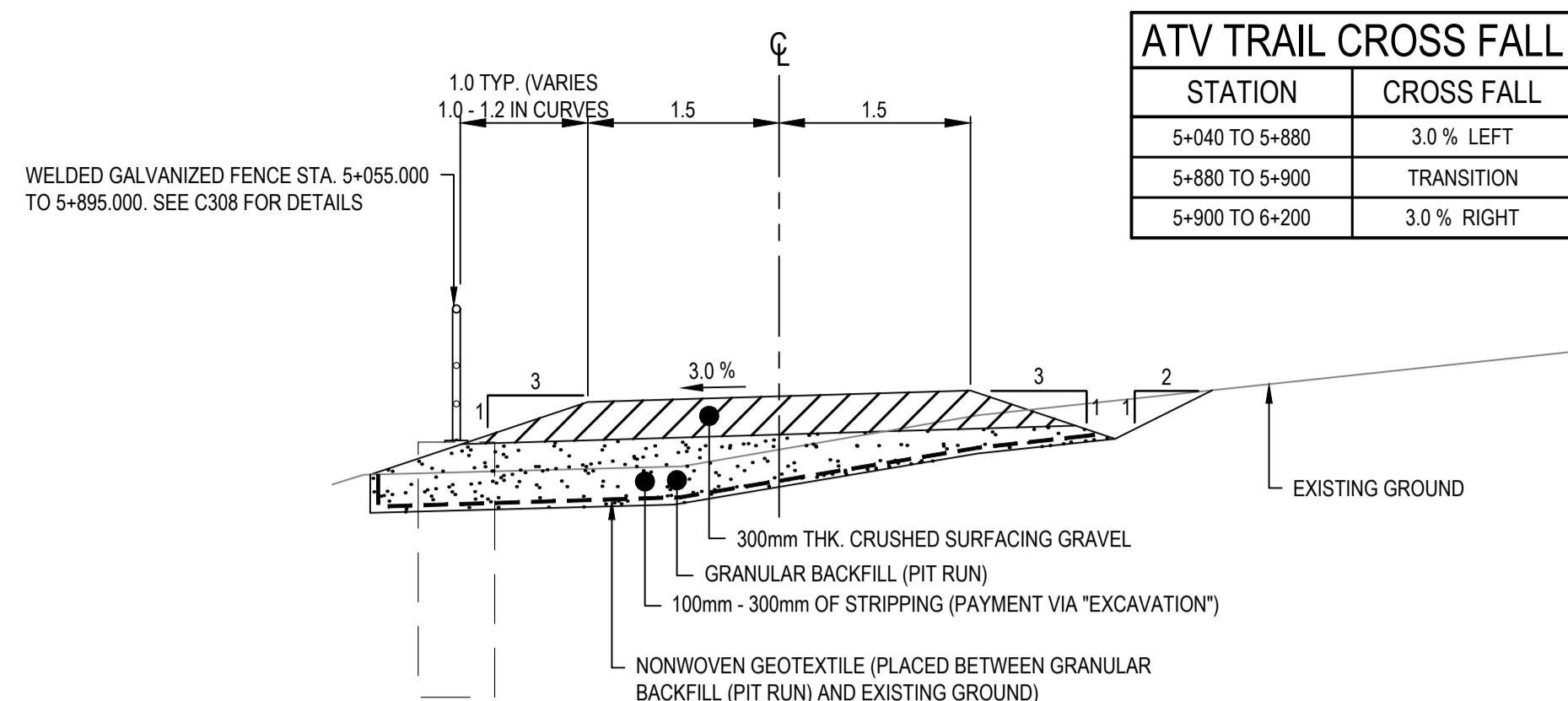
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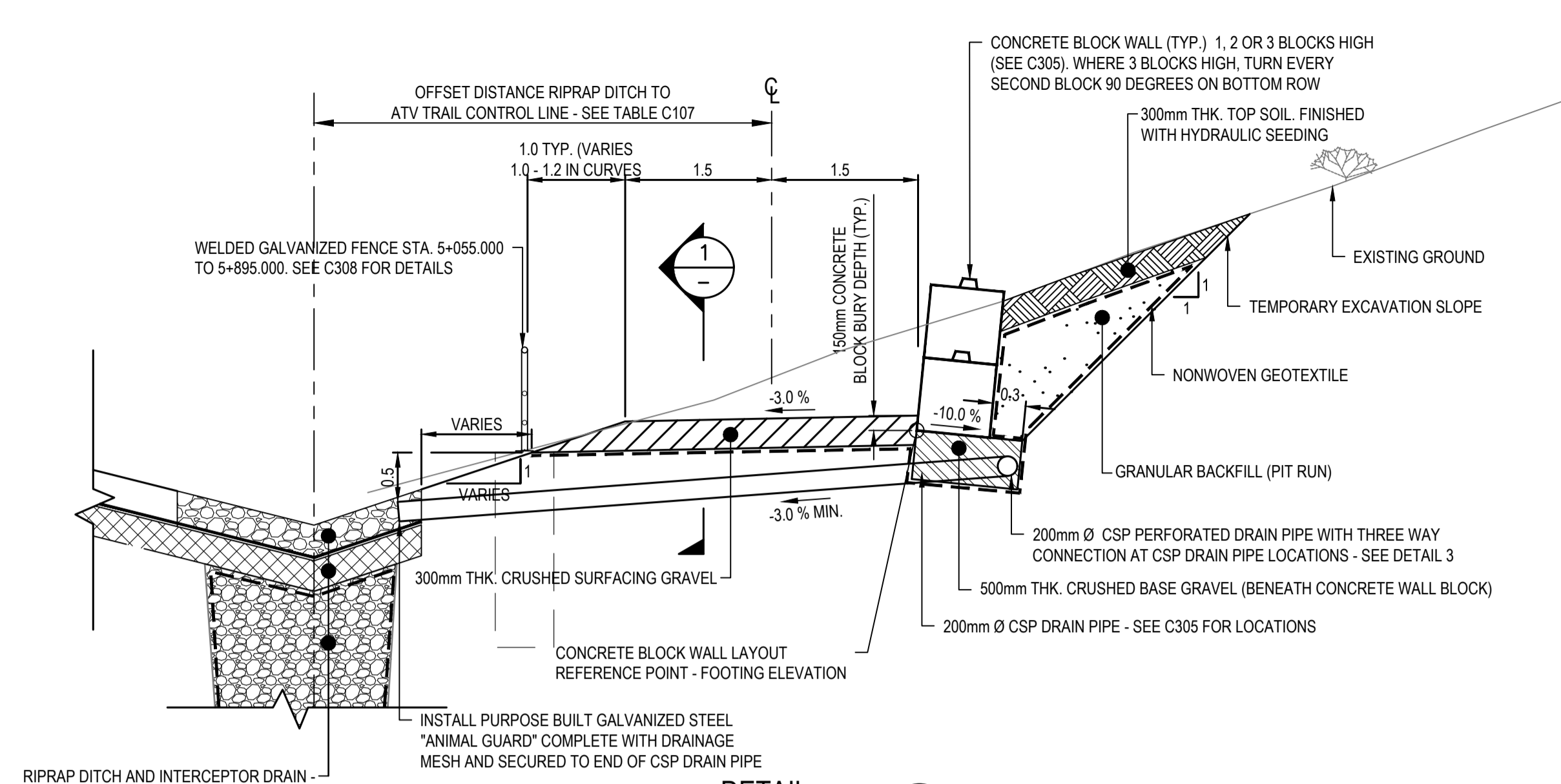
ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
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 - ALL DISTURBED AREAS TO BE HYDRAULIC SEEDING

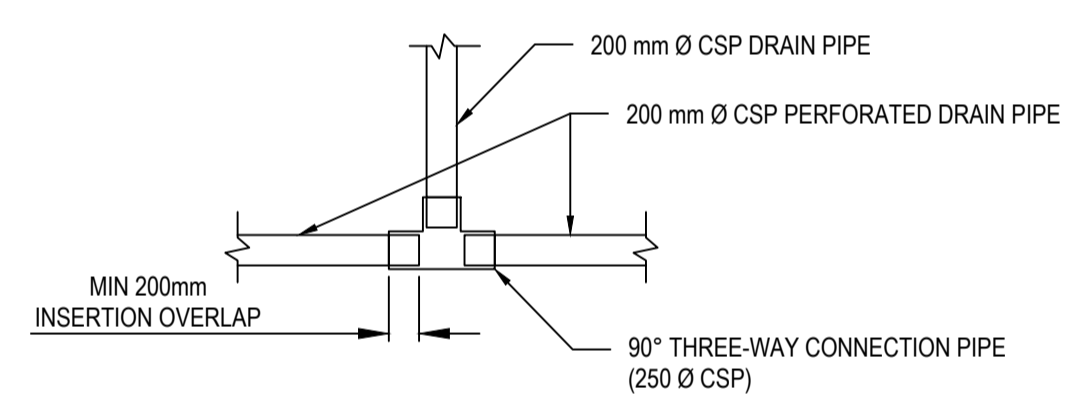
STATION	CROSS FALL
5+040 TO 5+880	3.0 % LEFT
5+880 TO 5+900	TRANSITION
5+900 TO 6+200	3.0 % RIGHT



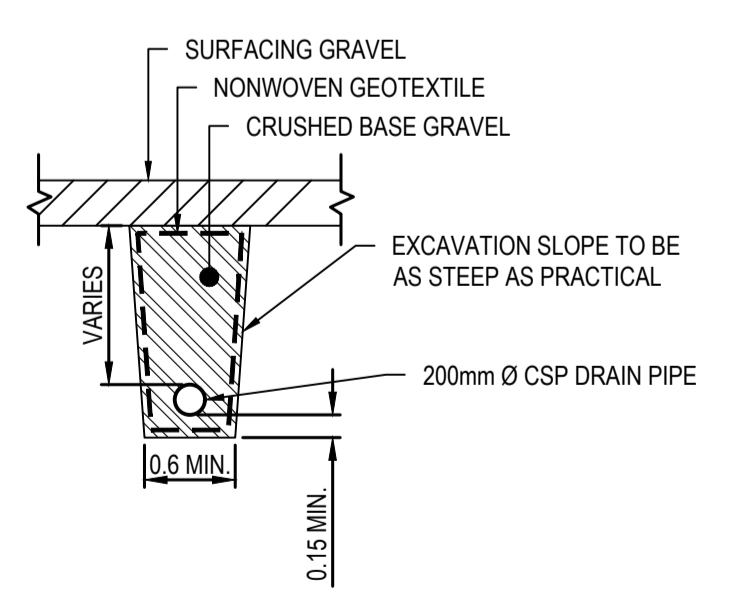
DETAIL 1
ATV TRAIL
TYPICAL FROM STA. 5+045.925 TO STA. 6+200
EXCEPT IN LOCATIONS WITH CONCRETE BLOCK WALL
1:50



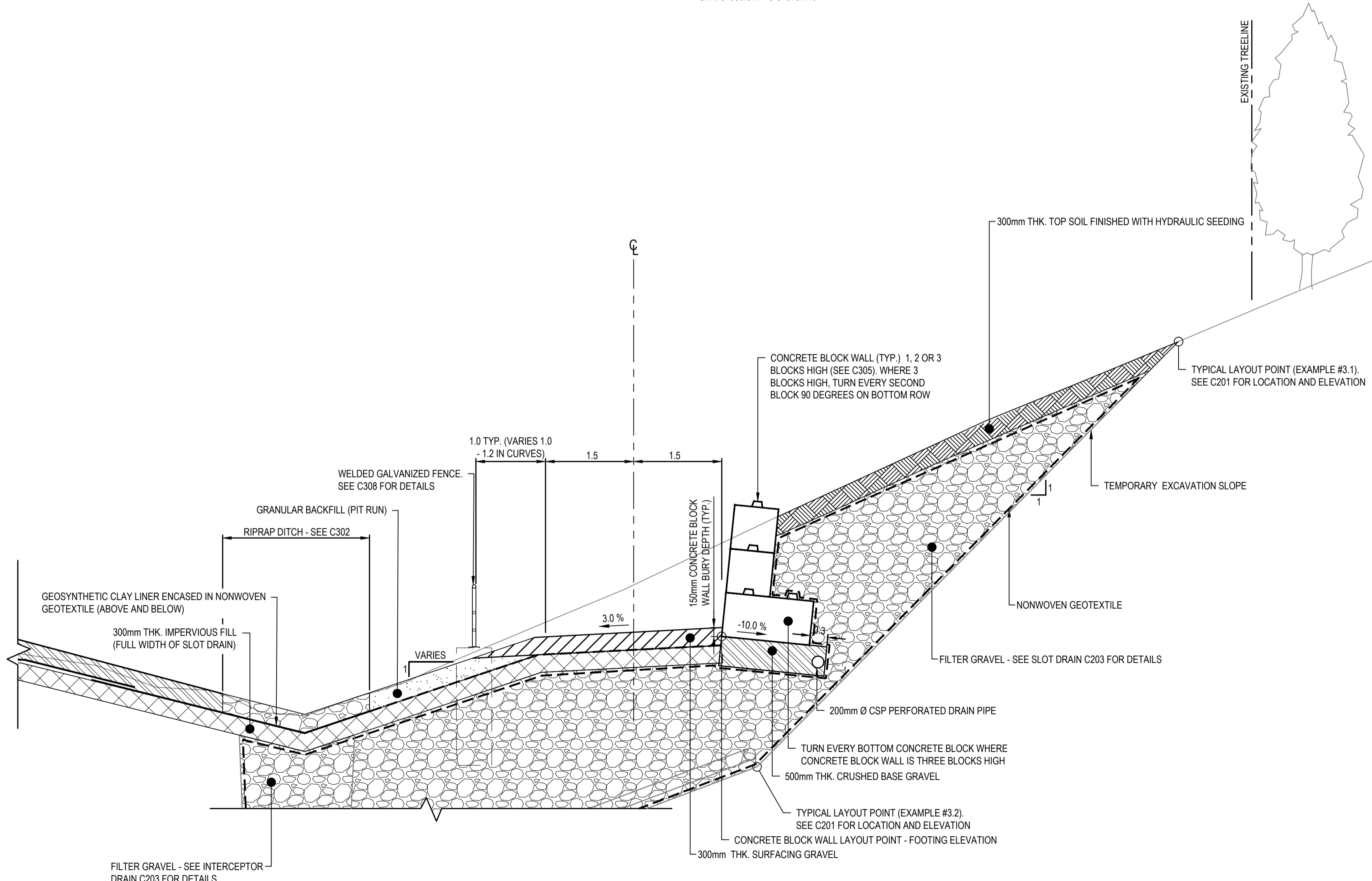
DETAIL 2
ATV TRAIL WITH CONCRETE BLOCK WALL
TYPICAL FROM:
STA. 5+086.336 TO 5+360.355
STA. 5+396.671 TO 5+498.465
STA. 5+660.143 TO 5+784.342
STA. 5+856.647 TO 5+873.140
1:50



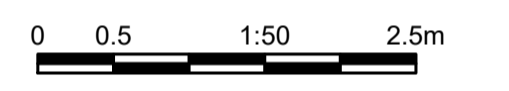
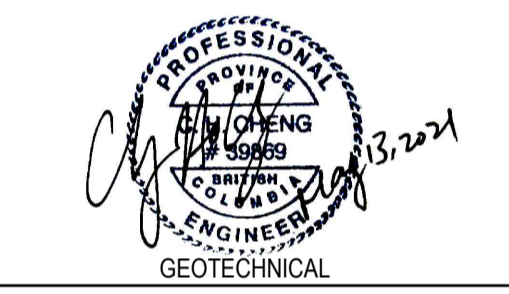
DETAIL 3
CSP PERFORATED DRAIN PIPE / CSP DRAIN PIPE THREE-WAY CONNECTION
NTS



SECTION 1
CSP DRAIN PIPE & TRENCH SECTION
1:50



DETAIL 4
ATV TRAIL AT SLOT DRAIN
SECTION WITH CONCRETE BLOCK WALL SHOWN
SECTION WITHOUT CONCRETE BLOCK WALL SIMILAR
TYPICAL FOR:
STA. 5+644.035, STA. 5+666.823,
STA. 5+689.613, STA. 5+712.127
1:50



Revision/Revisão	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

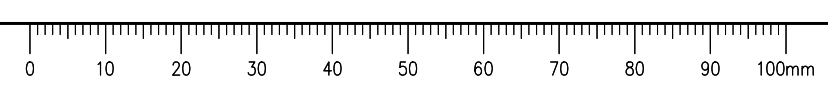
Approved by/Approve par
G. WILKINS / G. CHENG
Designed by/Concept par
A. HORWOOD / E. YANG
Drawn by/Dessiné par
A. DEEPWELL
PWGSC Project Manager/Administrateur de Projets TPSGC
A. TAHERI
PWGSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSGC

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
ATV TRAIL & CONCRETE BLOCK WALL DETAILS

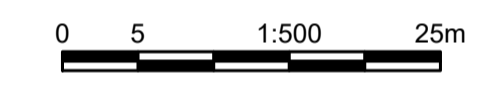
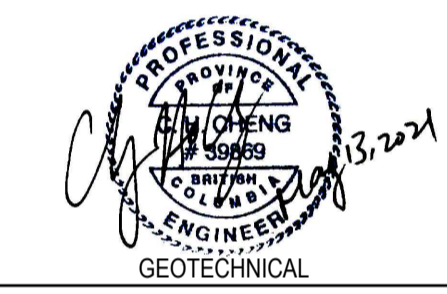
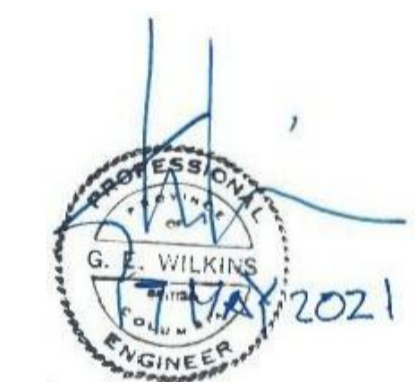
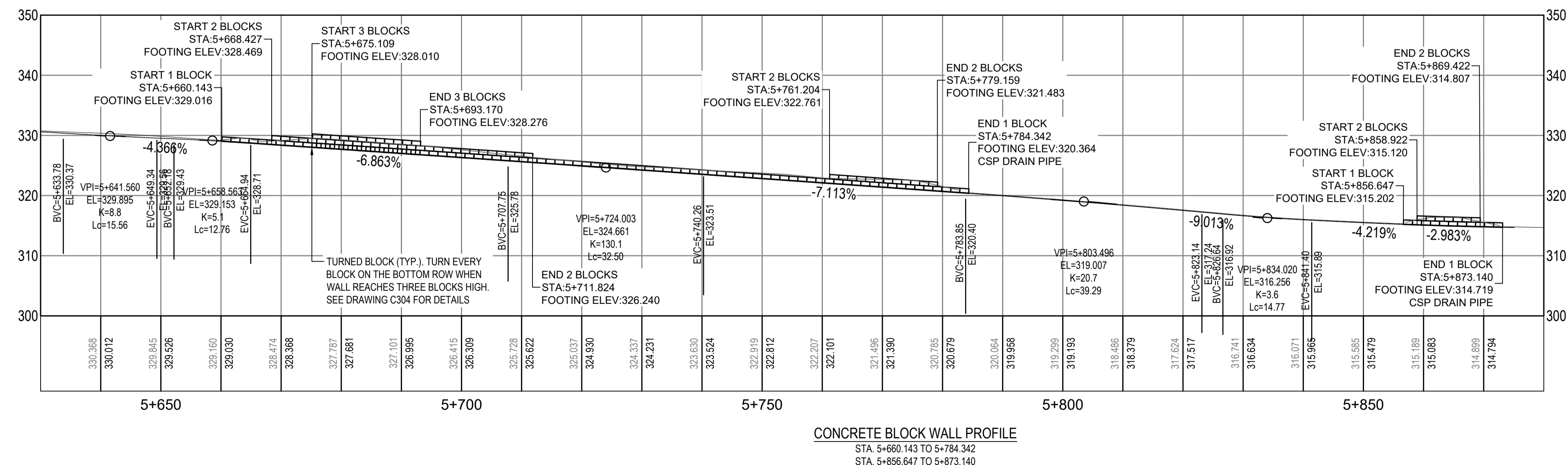
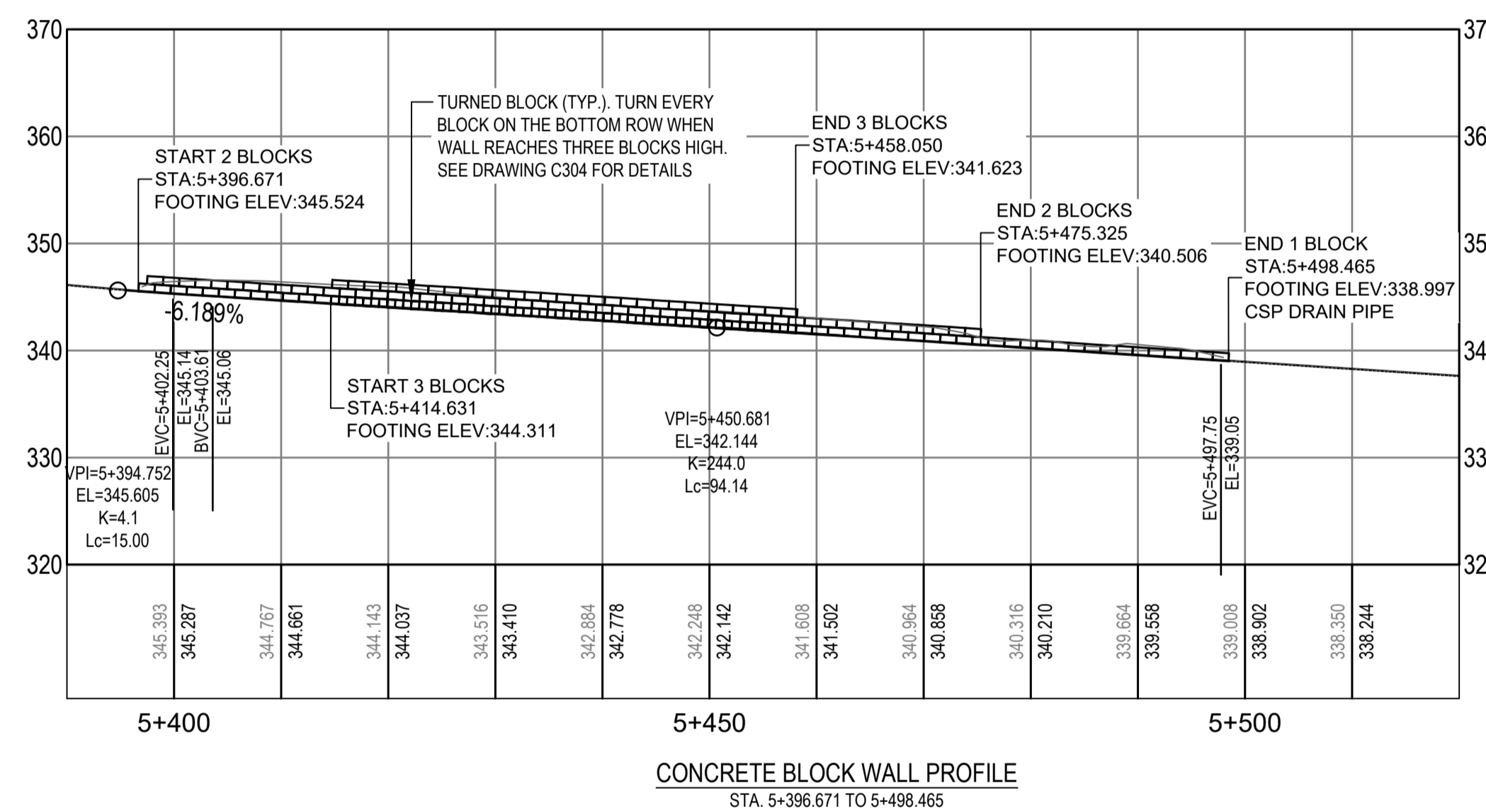
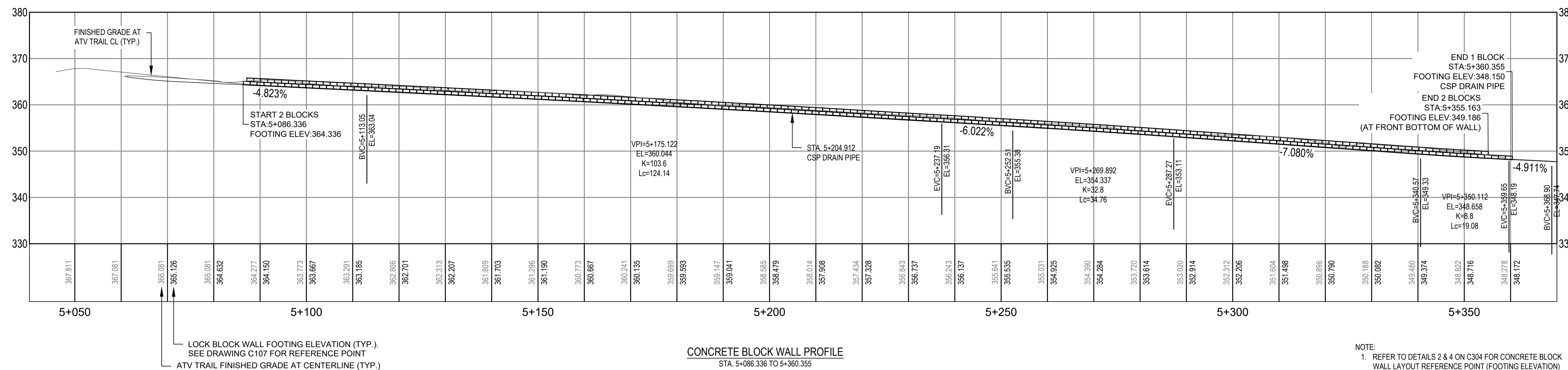
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C304	0

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ISSUED FOR TENDER

- GENERAL NOTES:
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Revision/Revisão	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
G. WILKINS / G. CHENG

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPPWELL

PWQSC Project Manager/Administrateur de Projets TPQSC
A. TAHERI

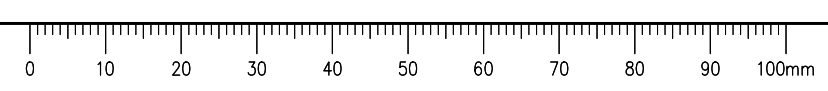
PWQSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPQSC

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
CONCRETE BLOCK WALL ELEVATION VIEW

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C305	0

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ISSUED FOR TENDER

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Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project title/Titre du projet

KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

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A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

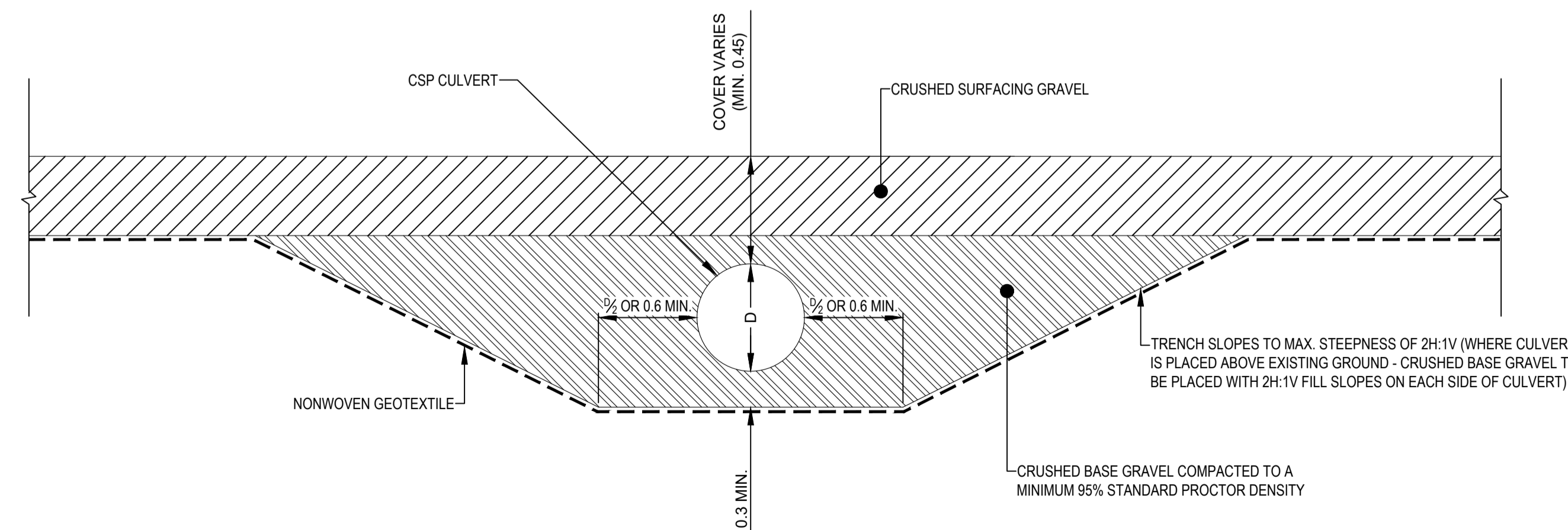
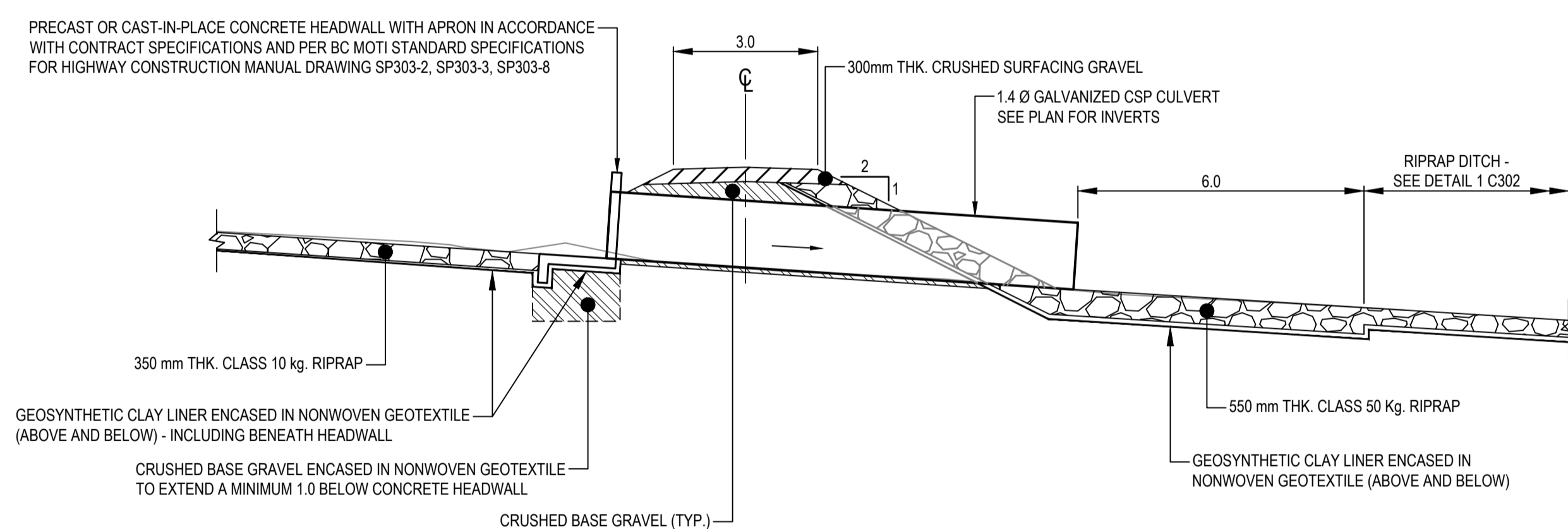
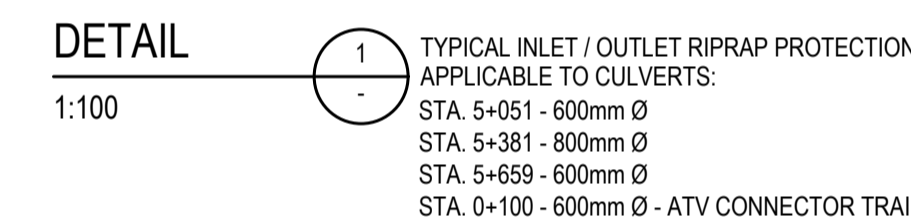
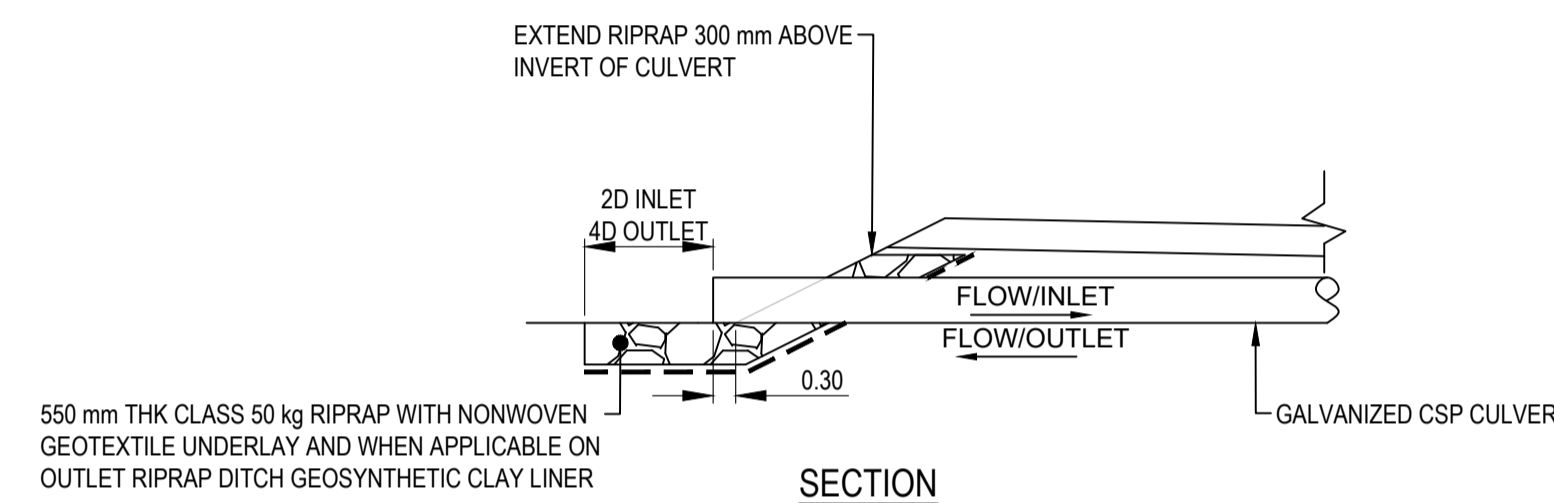
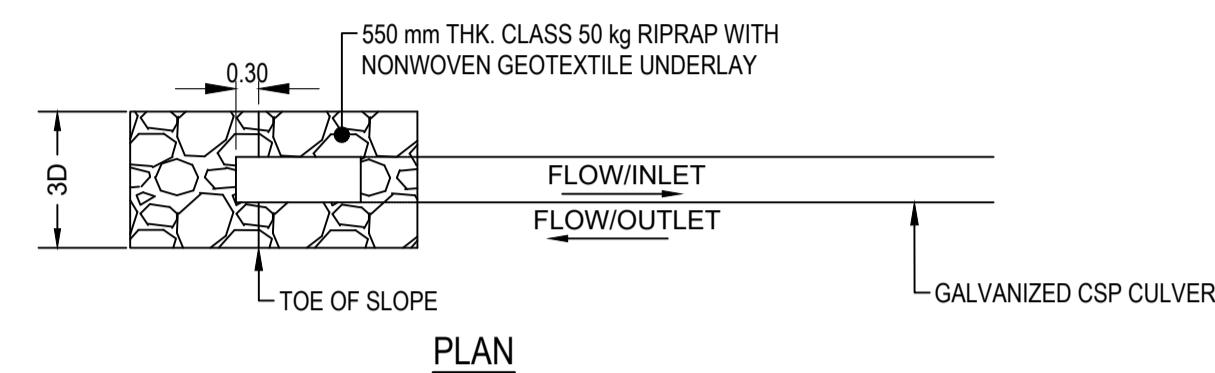
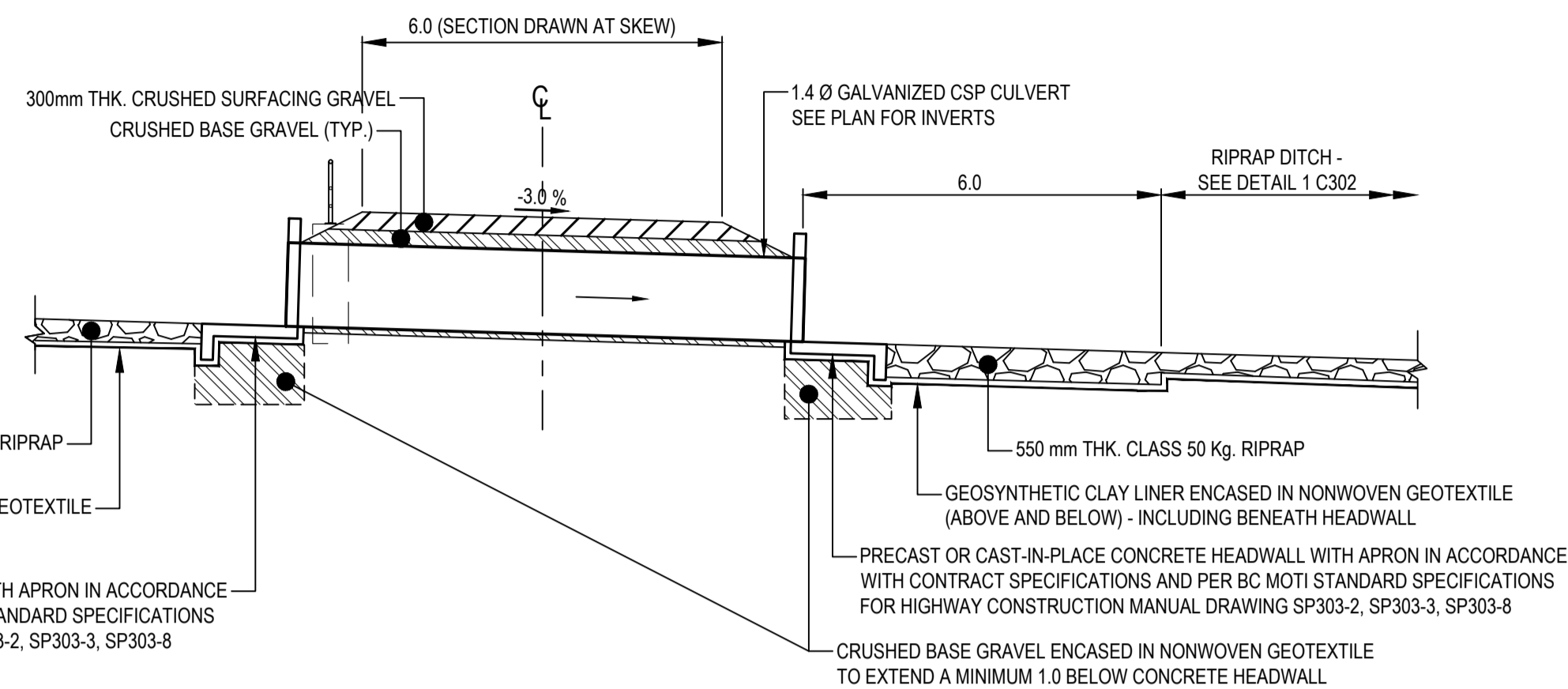
PWOSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

PWOSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

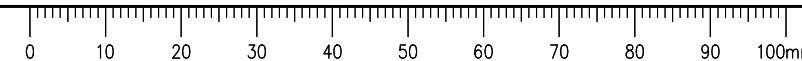
Client/client
Public Services and Procurement Canada

CULVERT TYPICAL SECTIONS & DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C306	0

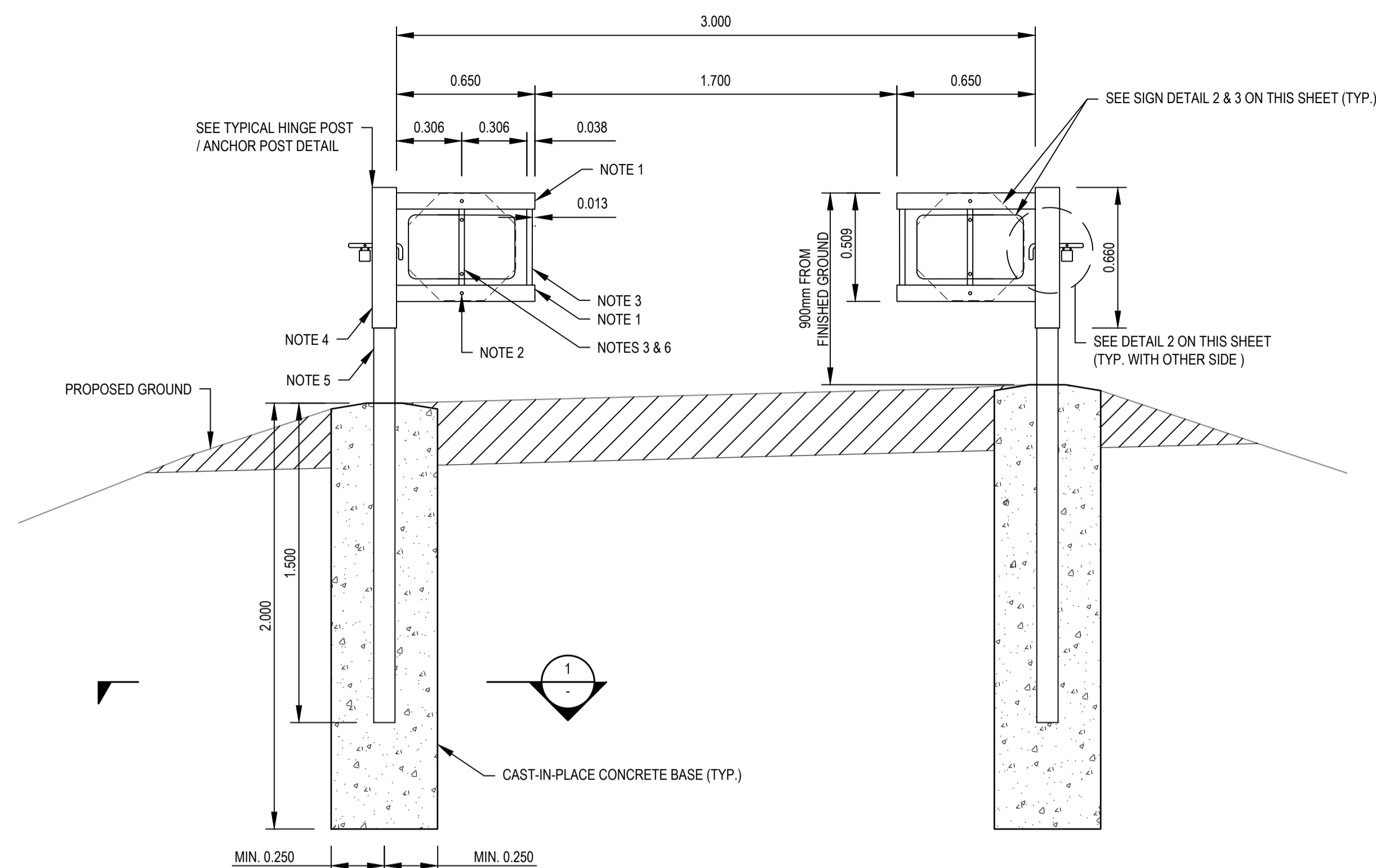


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ISSUED FOR TENDER

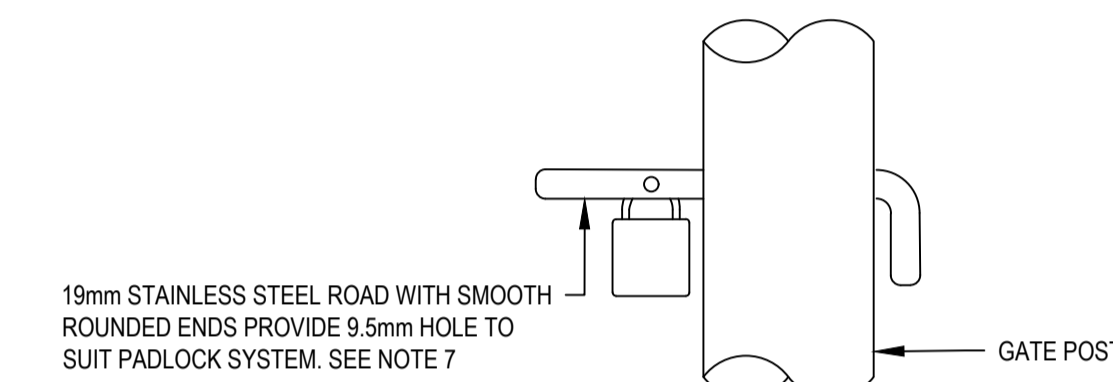
- GENERAL NOTES:
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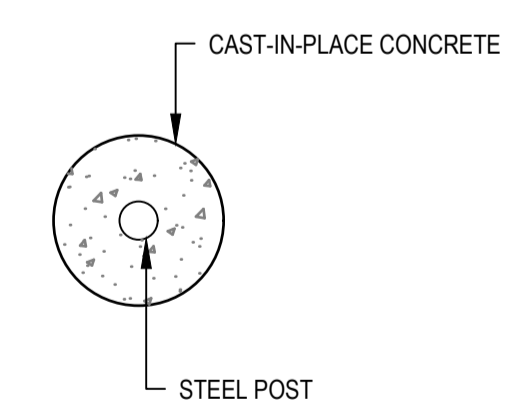
DETAIL 1
1:20

- GENERAL NOTES:
- ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21-350W AND / OR ASTM A53.
 - ALL WELDING SHALL CONFORM TO CURRENT CSA W59.
 - ALL CORNERS AND SHARP EDGES SHALL BE GROUND SMOOTH.
 - ALL POSTS SHALL BE ERECTED VERTICAL, STRAIGHT AND PLUMB.
 - AN AUGER SHALL BE USED TO EXCAVATE HOLE FOR CONCRETE BASE. THE CONCRETE BASE SHALL FILL ALL VOIDS WITHIN AUGER HOLE. ALL STEEL COMPONENTS OF THE LOCKABLE REMOVABLE BARRIER SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123/A123M.

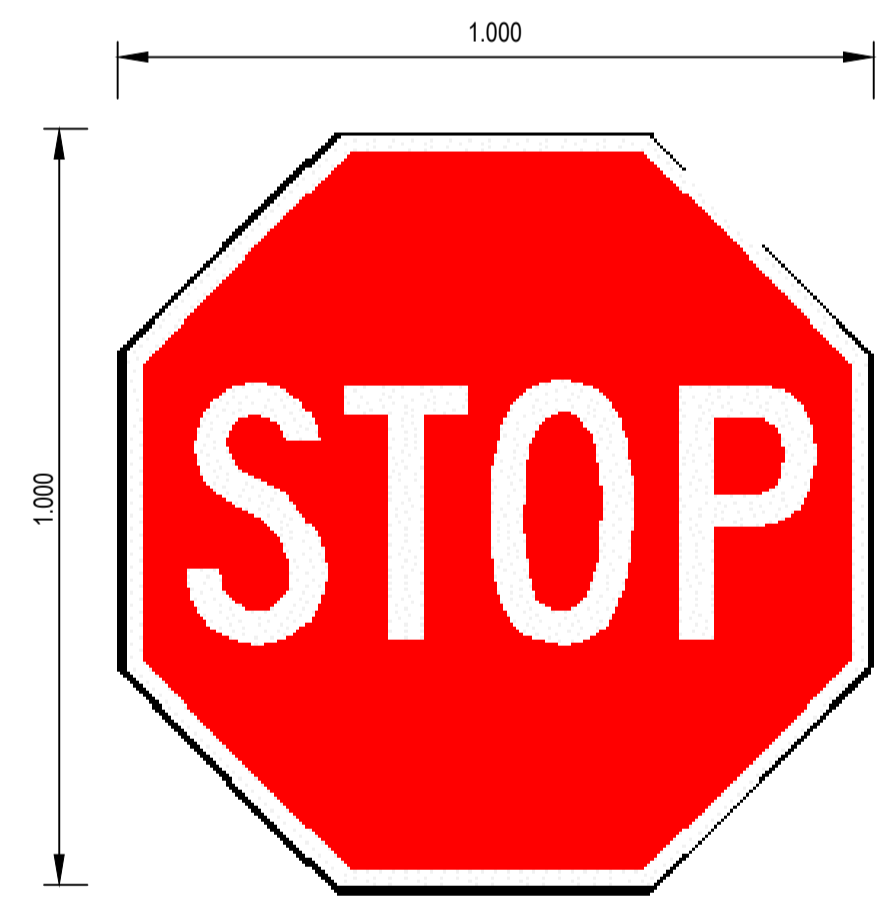
- STEEL CALLOUT NOTES:
- 50mm WIDE X 75mm DEEP HSS (6.4mm WALL THICKNESS) STEEL TUBE TOP RAIL SECTION. PROVIDE END CAP.
 - AT THE VERTICAL TIE, PROVIDE TWO 12.5mm Ø BOLT HOLES, 10 INCHES (IMPERIAL) ON CENTRE, FOR STOP SIGN (SEE DETAIL 2 THIS SHEET). HOLES TO BE LOCATED SUCH THAT SIGN IS CENTRED BETWEEN TOP AND BOTTOM RAILS. FASTEN SIGNS WITH TWO STAINLESS STEEL 9.5mm Ø x 70mm LONG BOLTS, NUTS AND 4 FLAT WASHERS.
 - 25mm SQUARE HSS (4.7mm WALL THICKNESS) STEEL TUBE VERTICAL RAIL TIES. SEE NOTE 6.
 - 114mm Ø HSS (6.4mm WALL THICKNESS) STEEL GATE HINGE POST. PROVIDE CAP PLATE AT TOP OF POST. OPEN END OF HINGE POST TO FIT AROUND 100mm Ø ANCHOR POST. SEE DETAIL.
 - 100mm Ø ANCHOR POST (6.4mm WALL THICKNESS); ANCHOR POST EXTENDS TO HINGE POST CAP PLATE.
 - AT THE VERTICAL TIE, PROVIDE TWO 12.5mm Ø BOLT HOLES, 10 INCHES (IMPERIAL) ON CENTRE, FOR CUSTOM SIGN (SEE DETAIL 3 THIS SHEET). HOLES TO BE LOCATED SUCH THAT SIGN IS CENTRED BETWEEN TOP AND BOTTOM RAILS. FASTEN SIGNS WITH TWO STAINLESS STEEL 9.5mm Ø x 70mm LONG BOLTS, NUTS AND 4 FLAT WASHERS.
 - PROVIDE 19mm STAINLESS STEEL SINGLE LOCK PIN.



DETAIL 2
1:5



SECTION 1
1:20



DETAIL 2
1:5



DETAIL 3
1:5



Revision/Revisión	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

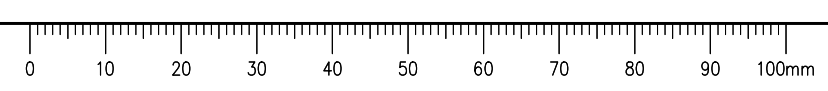
PWSC Project Manager/Administrateur de Projets TPSC
A. TAHERI

PWSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSC

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
LOCKABLE REMOVABLE BARRIER AND SIGNAGE DETAILS

Project No./No. du projet R.115165.001	Sheet/Feuille C307	Revision no./La Révision no. 0
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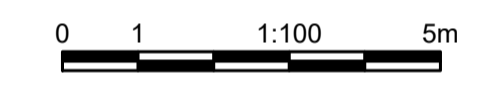
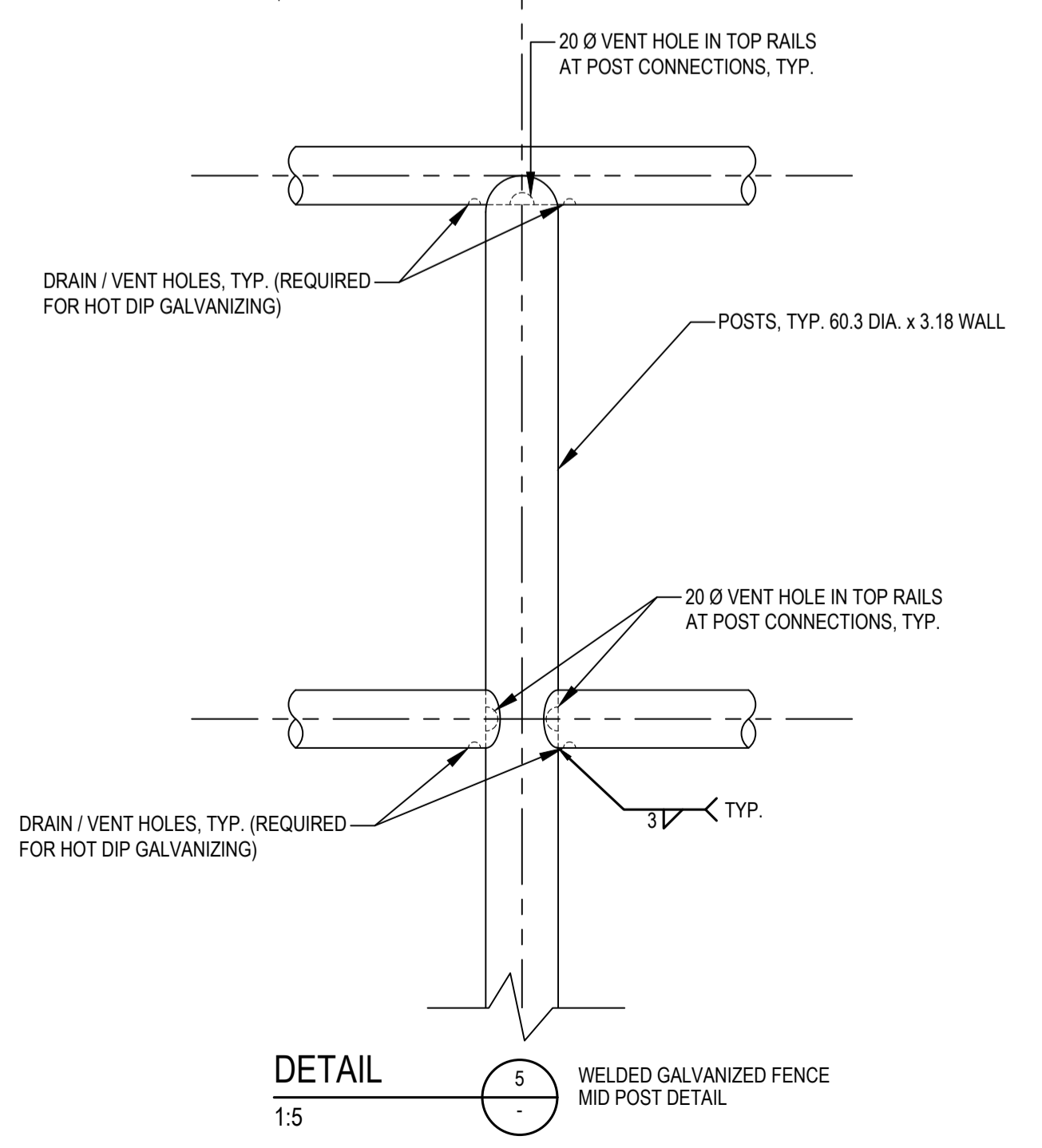
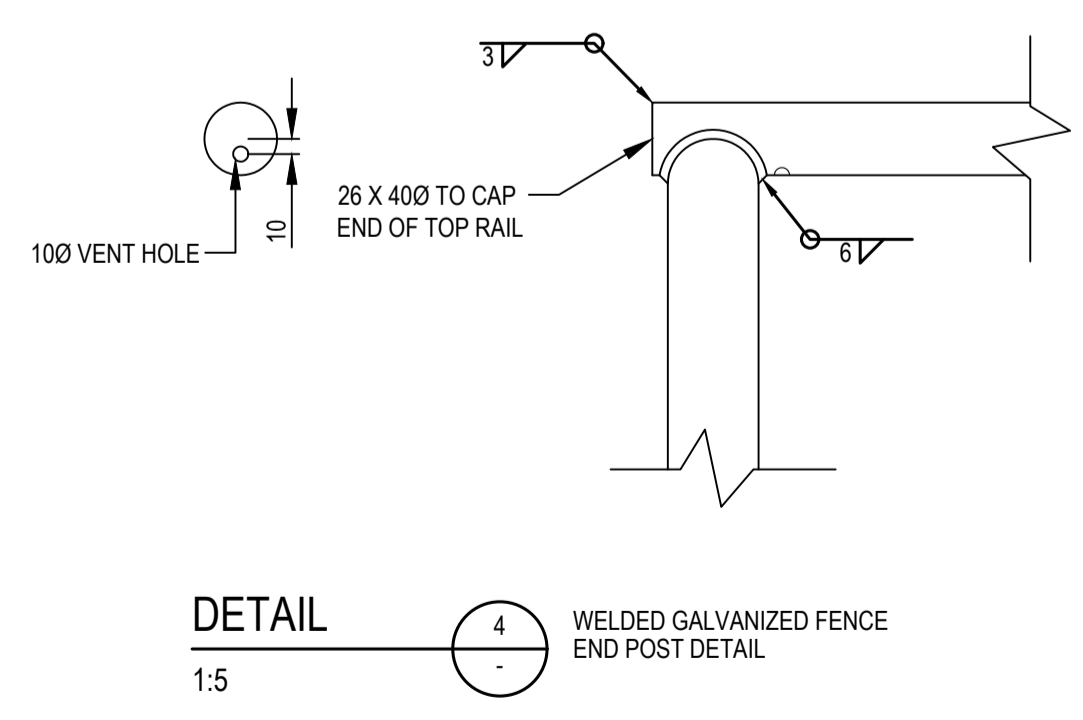
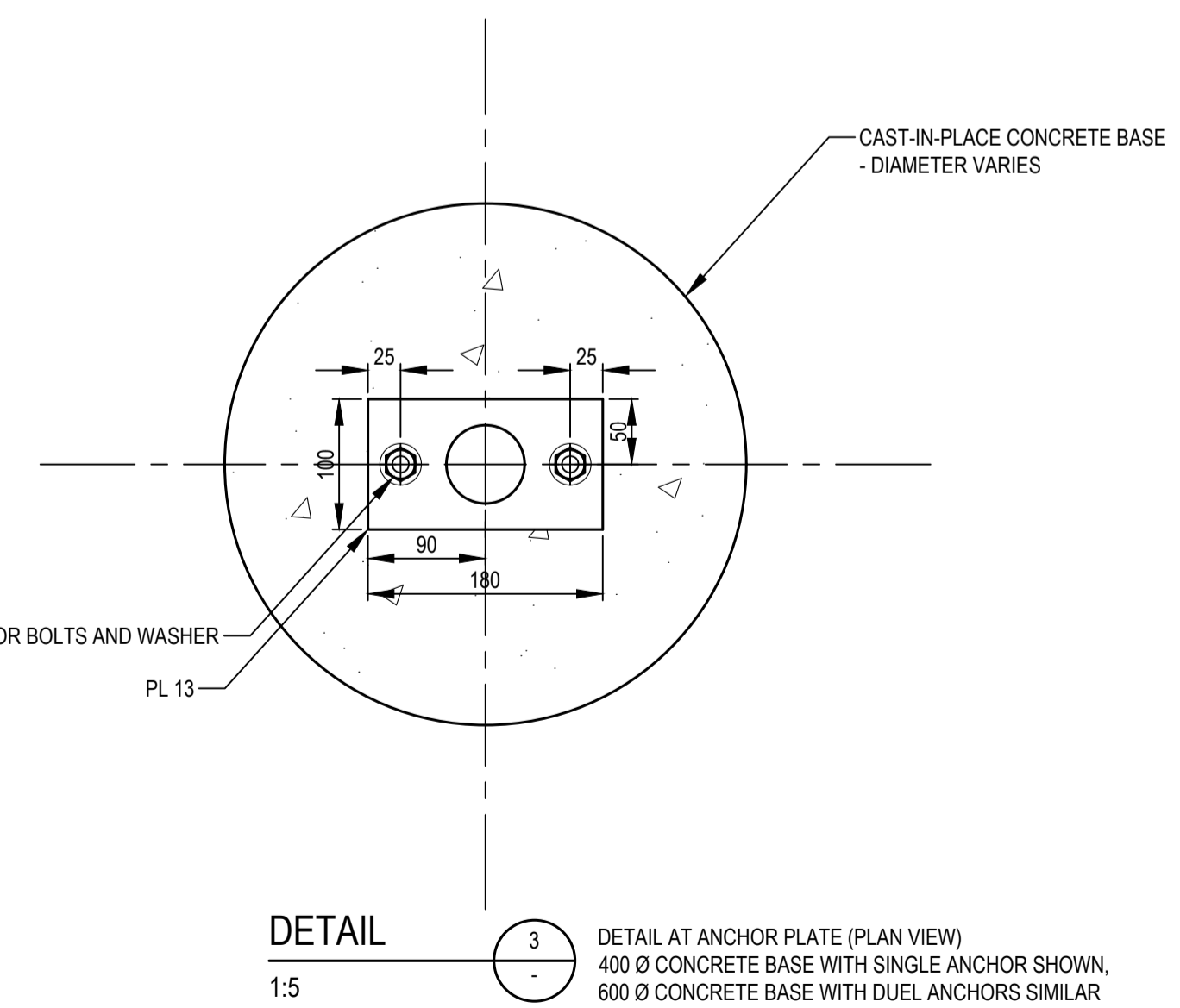
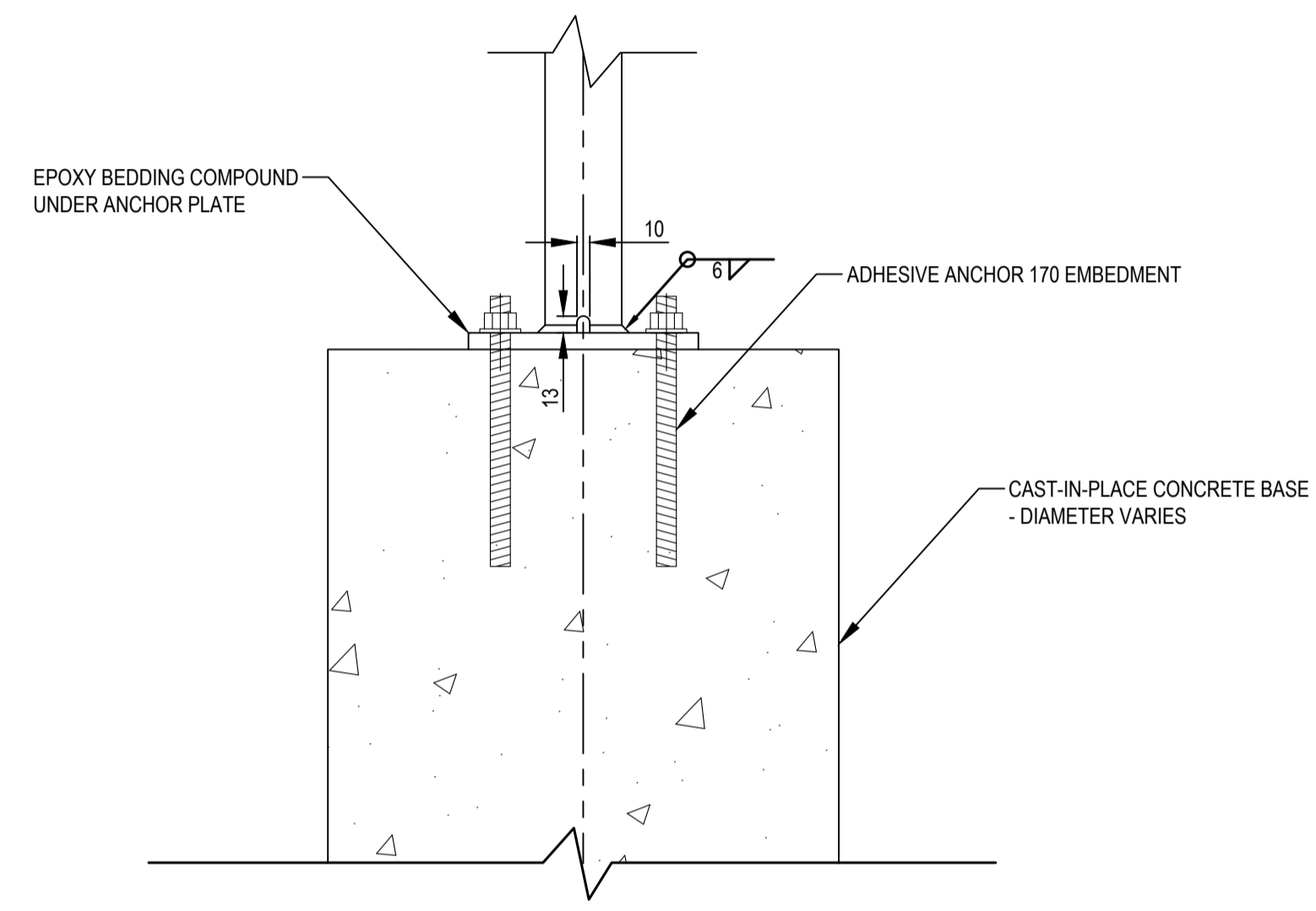
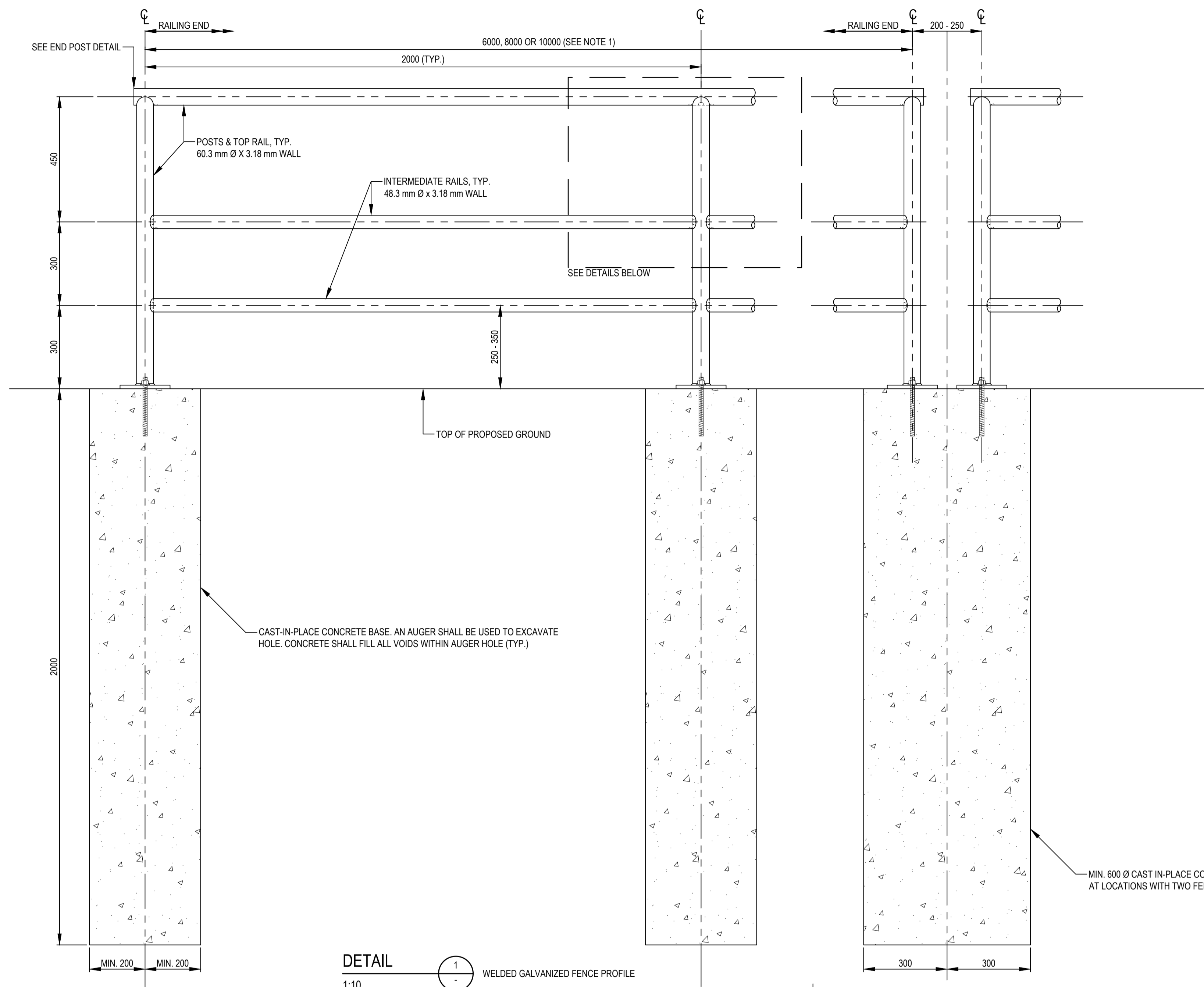


ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

NOTES:

- ALL FENCE SECTIONS SHALL BE MANUFACTURED, GALVANIZED, AND DELIVERED TO SITE IN 6m, 8m, OR 10m LENGTHS (LENGTH AT THE CONTRACTOR'S DISCRETION) EXCEPT FOR LOCATION AS NOTED IN ITEM 2.
- FOR THE FENCE SECTIONS USED FROM STA. 5+873 (APPROX.) TO 5+897 2m OR 4m LONG FENCE SECTIONS SHALL BE USED TO ALLOW FENCE TO MATCH THE ATV TRAIL ALIGNMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING HEIGHT OF THE CONCRETE BASES TO MATCH GRADE OF ATV TRAIL.
- SHOP DRAWINGS SHALL BE PROVIDED TO THE DEPARTMENTAL REPRESENTATIVE FOR REVIEW AND ACCEPTANCE PRIOR TO MANUFACTURE OF WELDED FENCE.
- ALL RAIL AND POSTS TO BE CAN/CSA G40.21 GRADE 350W OR ASTM A500 GRADE C. MISCELLANEOUS PLATE TO BE CAN/CSA G40.21 GRADE 300W.
- ALL ROUGH EDGES SHALL BE GROUND SMOOTH AND WELD SPLATTER SHALL BE REMOVED.
- WELDED FENCE SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123/A123M.
- FIELD WELDING SHALL BE KEPT TO A MINIMUM. TOUCH UP OF DAMAGED GALVANIZED AREAS SHALL BE BY THE APPLICATION OF A ZINC RICH PAINT AS PER SPECIFICATIONS.
- VENT AND DRAIN HOLES IN RAILS SHALL BE PROVIDED WITH A BOTTOM DRAIN / VENT HOLE AT BOTH ENDS BETWEEN POSTS.
- POST ANCHORS SHALL BE ASTM A307 THREADED ROD. POST ANCHORS, NUT AND WASHER SHALL BE GALVANIZED TO THE REQUIREMENTS OF ASTM A153/A153M.
- ACCEPTABLE ADHESIVES FOR BONDING THE ANCHORS INTO CONCRETE INCLUDE:
 - HILTY HIT HY-200
 - REDHEAD EPOXON C6+
 - UCAN FLO-ROX FR6-SD
 - POWERS PE1000+
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE ADHESIVE MANUFACTURE'S INSTRUCTIONS.
- HOLES IN CONCRETE FOR ANCHORS MUST BE DRILLED WITH A HAMMER DRILL AND A CARBIDE TIPPED BIT. CONCRETE IN HOLES MUST BE WATER-SATURATED OR DRY WHEN INSTALLING ANCHORS.



Revision/Revisão	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
G. WILKINS

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

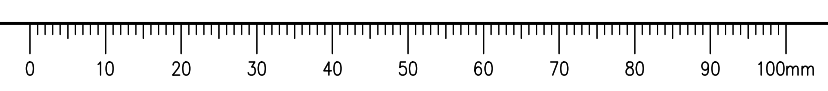
PWSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
WELDED GALVANIZED FENCE DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	C308	0

Q:\Vancouver\Transportation\TRN\VHWY\Projects\TRN\VHWY\03091 Alaska Highway Km 450.6 Slide\A00 - Drawings\C301-C311 TYPICAL DETAILS.dwg [C308] May 18, 2021 - 11:51:25 am (BY: DEEPWELL, ANDREW)



ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 - THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 - ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client: Public Services and Procurement Canada

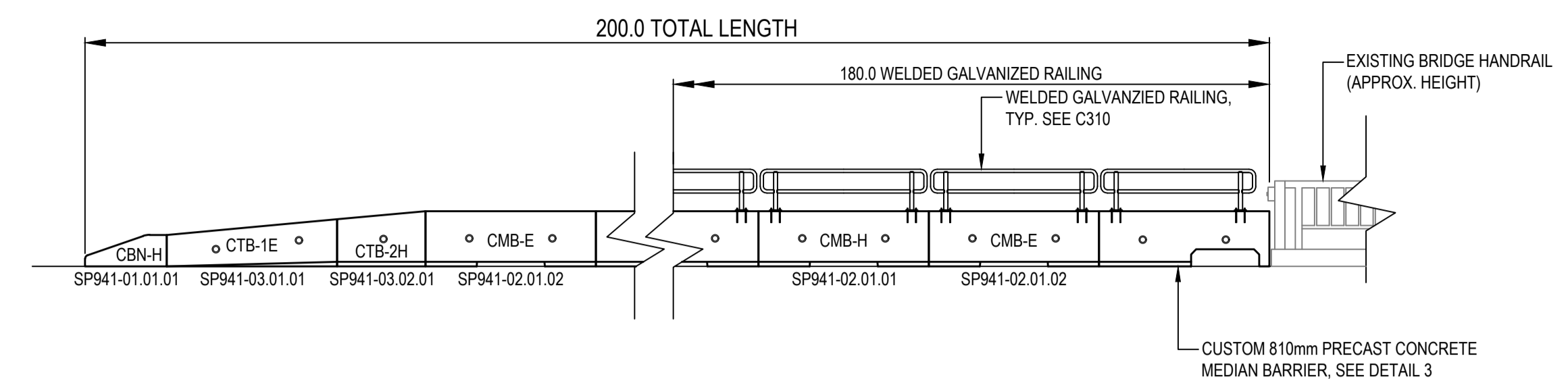


Project title/Titre du projet:
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

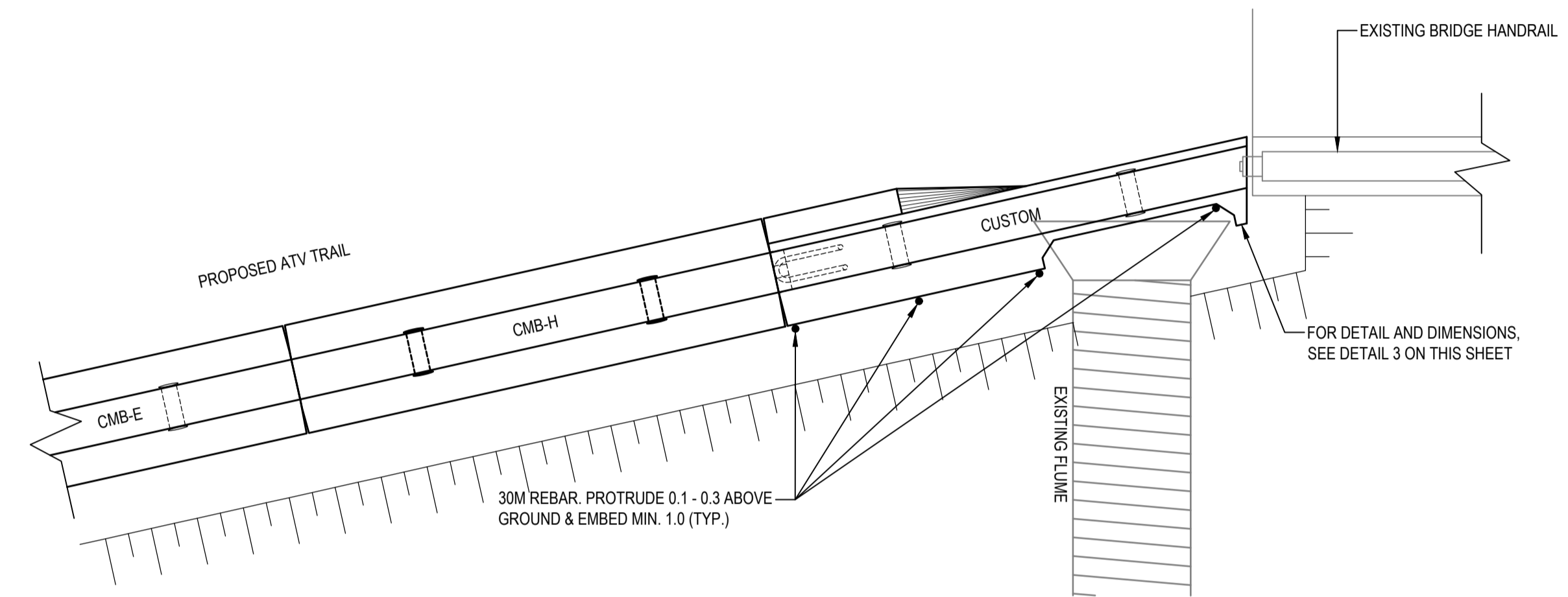
Approved by/Approve par: **G. WILKINS**
 Designed by/Concept par: **A. HORWOOD / E. YANG**
 Drawn by/Dessiné par: **A. DEEPWELL**
 PWGSC Project Manager/Administrateur de Projets TPSCG: **A. TAHERI**
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie,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

Client/client: **Public Services and Procurement Canada**
 Drawing title/Titre du dessin: **PRECAST CONCRETE BARRIER DETAILS**

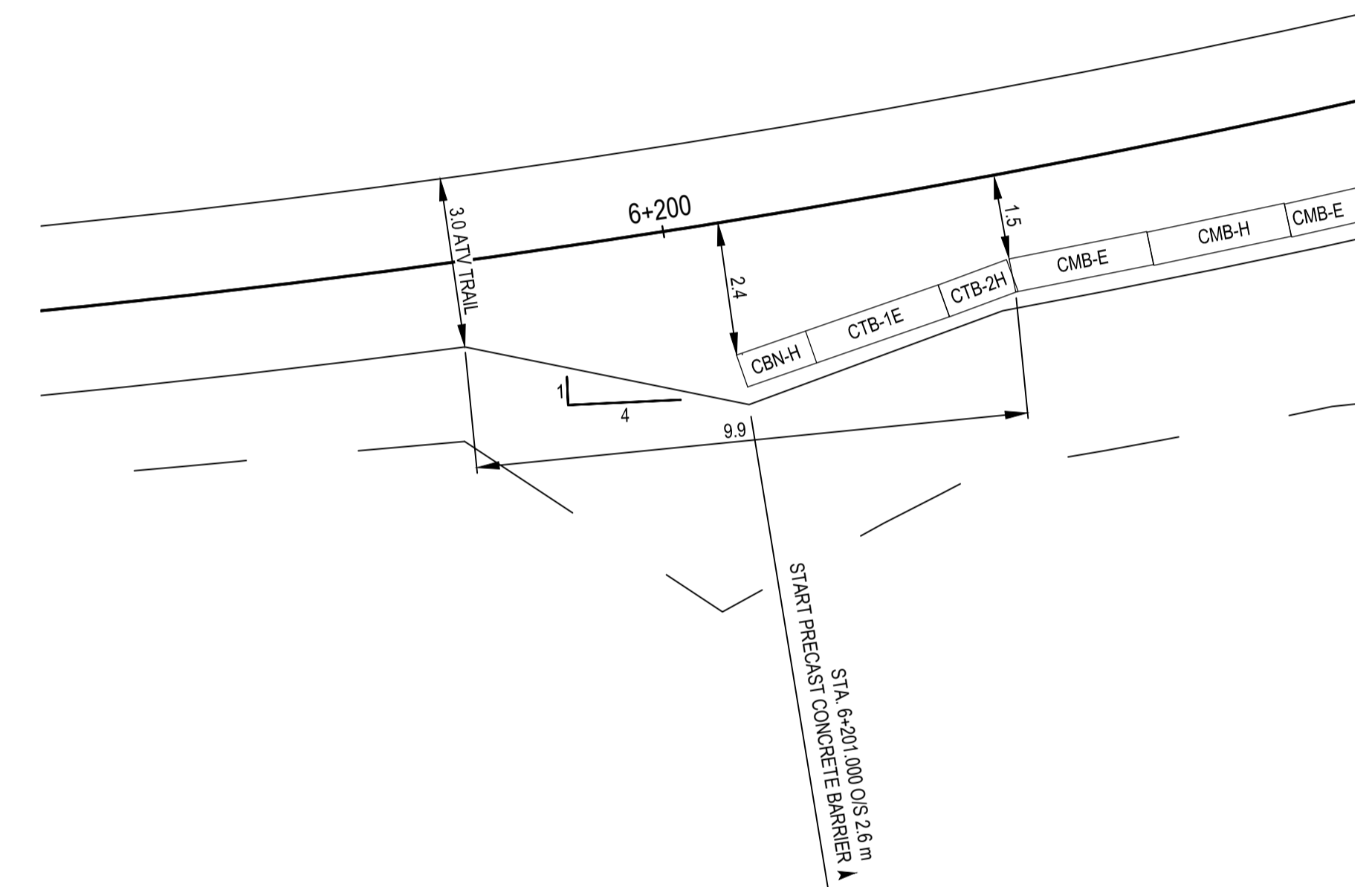
Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.115165.001	C309	0



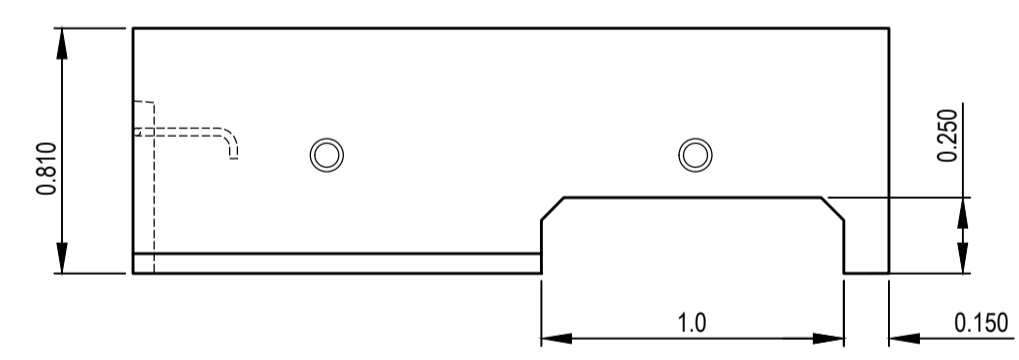
DETAIL 1
PROFILE VIEW OF ATV TRAIL PRECAST CONCRETE ROADSIDE BARRIER ARRANGEMENT
1:75



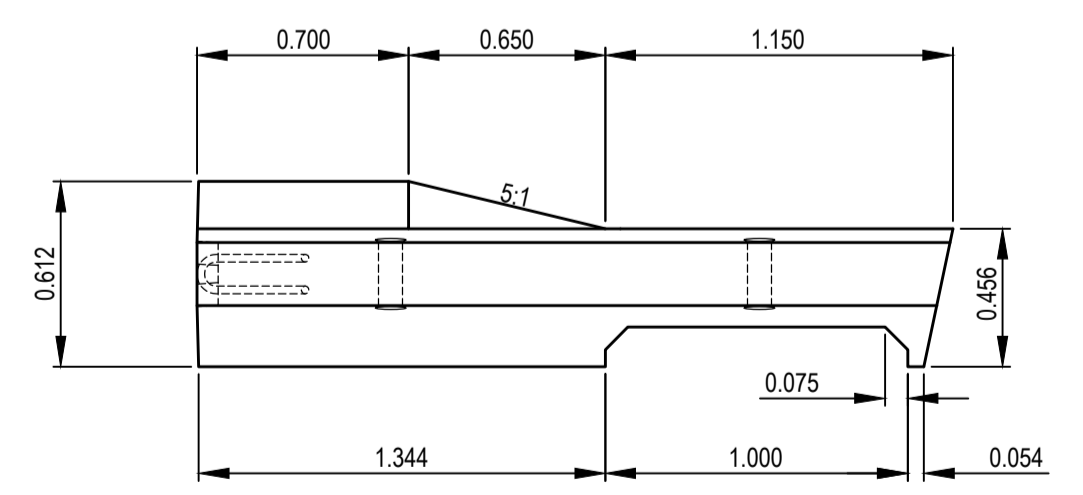
DETAIL 2
PLAN VIEW OF ATV TRAIL PRECAST CONCRETE ROADSIDE BARRIER ARRANGEMENT
1:25



DETAIL 4
BARRIER FLARE DETAIL
1:100



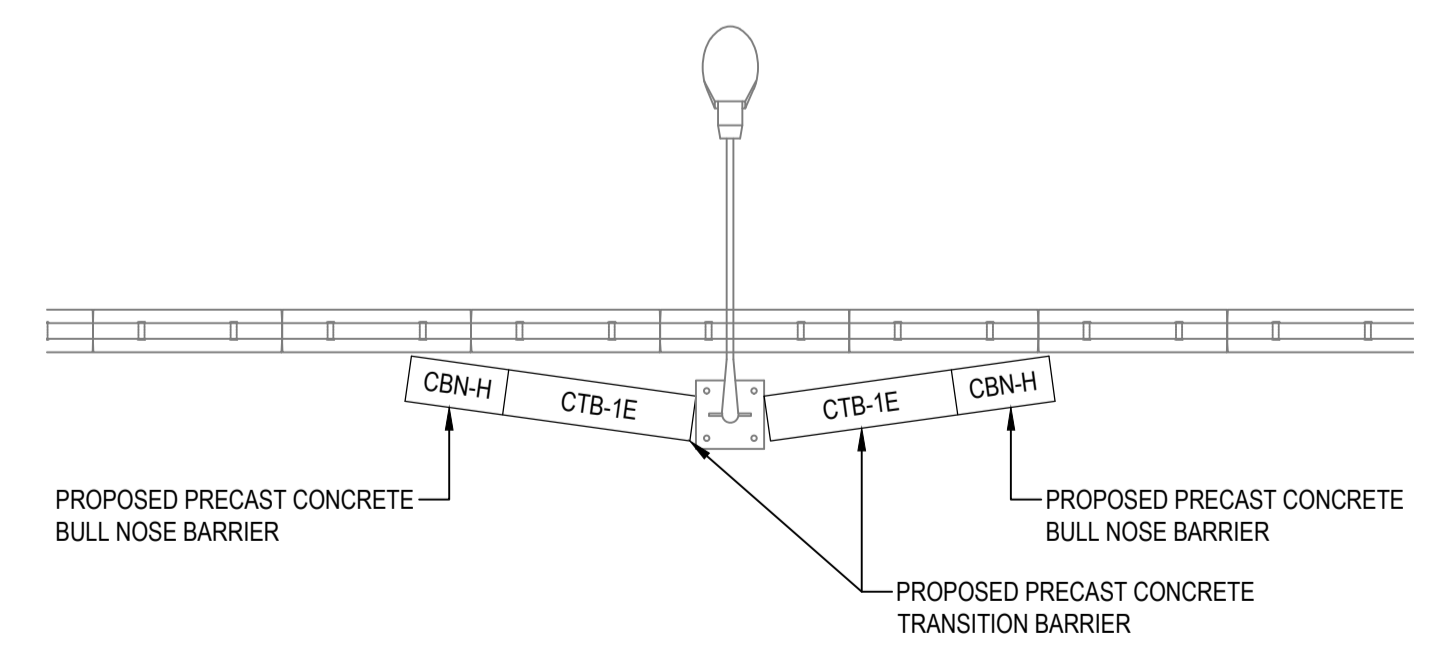
PROFILE



PLAN

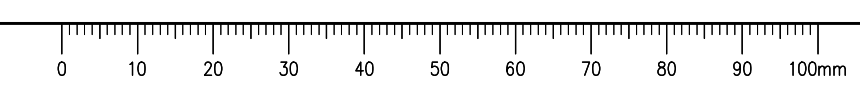
- NOTE
- CUSTOM BARRIER BASED ON SP941-02.01.10 - 810mm PRECAST CONCRETE MEDIAN DRAINAGE BARRIER
 - DRAINAGE SLOT SHIFTED TO ALIGN WITH EXISTING DRAINAGE CULVERT
 - BARRIER CONNECTION TO BE AN EYE

DETAIL 3
CUSTOM 810mm PRECAST CONCRETE MEDIAN BARRIER
1:25



DETAIL 5
BULL NOSE & TRANSITION BARRIER
TYPICAL AT STA 6+225, 6+273, 6+320, 6+367, 6+390
1:100

C:\Vancouver\Transportation\TRN\HWY\Projects\TRN\HWY\03091 Alaska Highway Km 450.6 Slides\400 - Drawings\C301-C311 TYPICAL DETAILS.dwg [C309] May 18, 2021 - 2:51:34 pm (BY: DEEPWELL, ANDREW)



ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE



Revision/Revisão	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

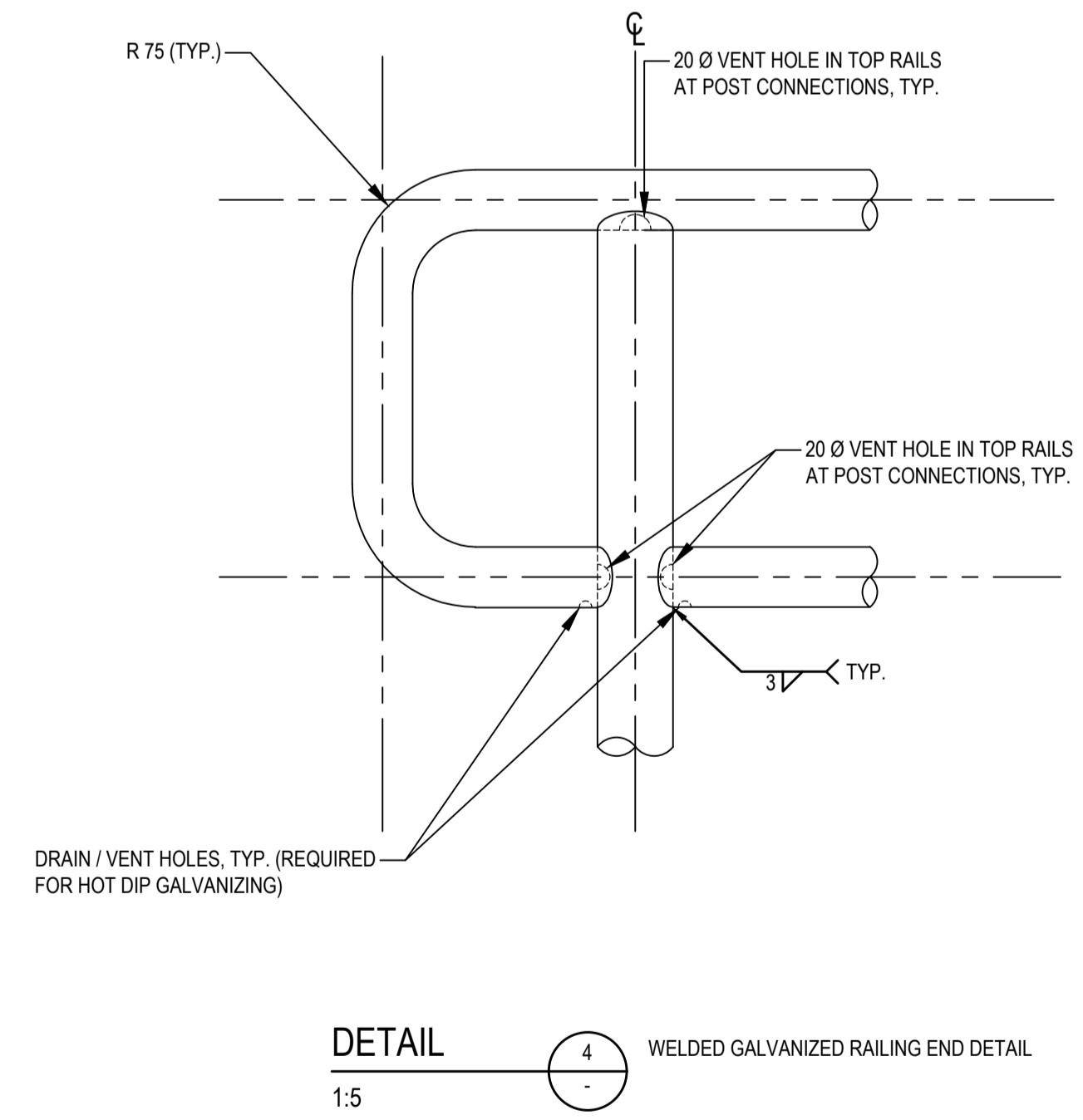
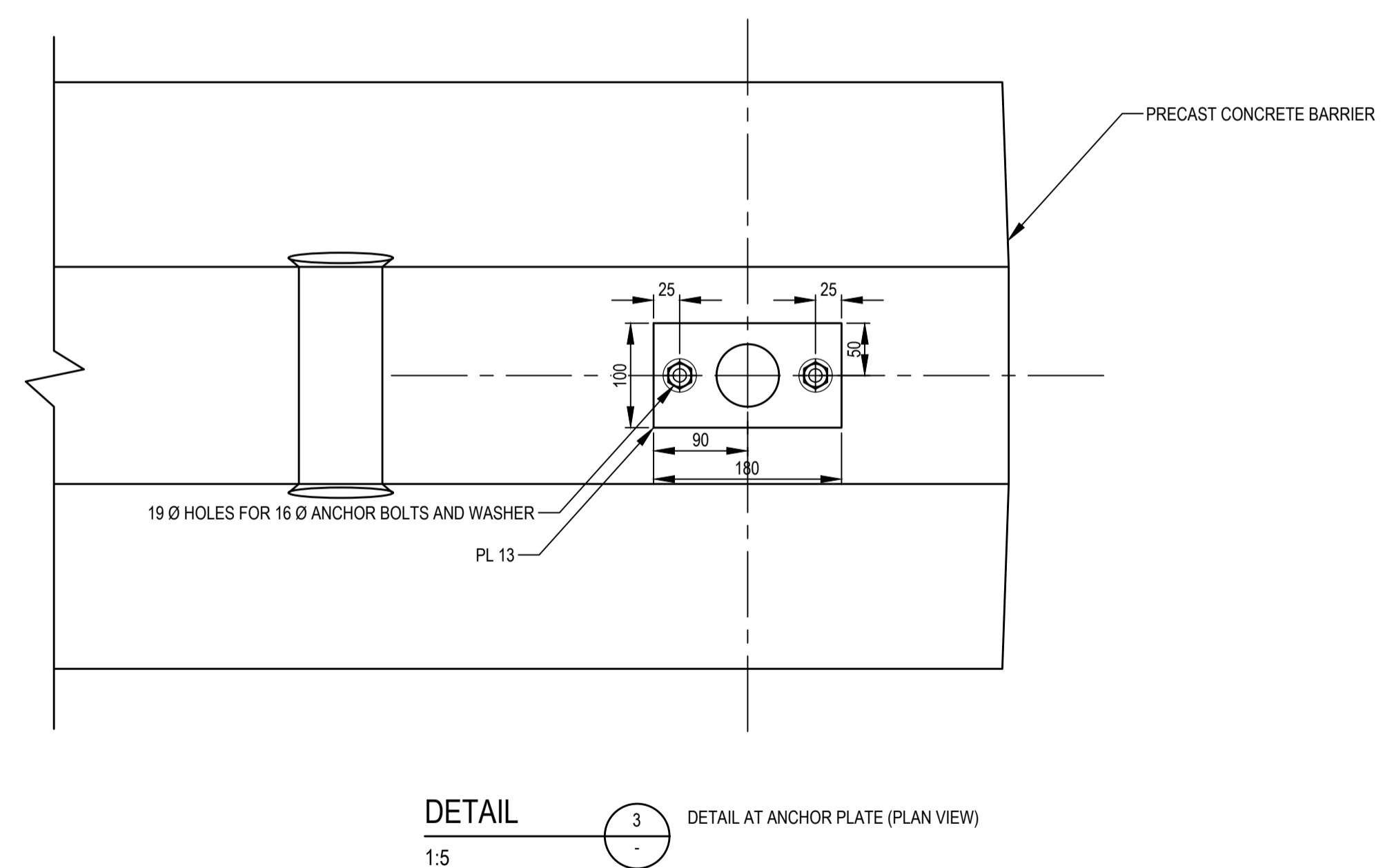
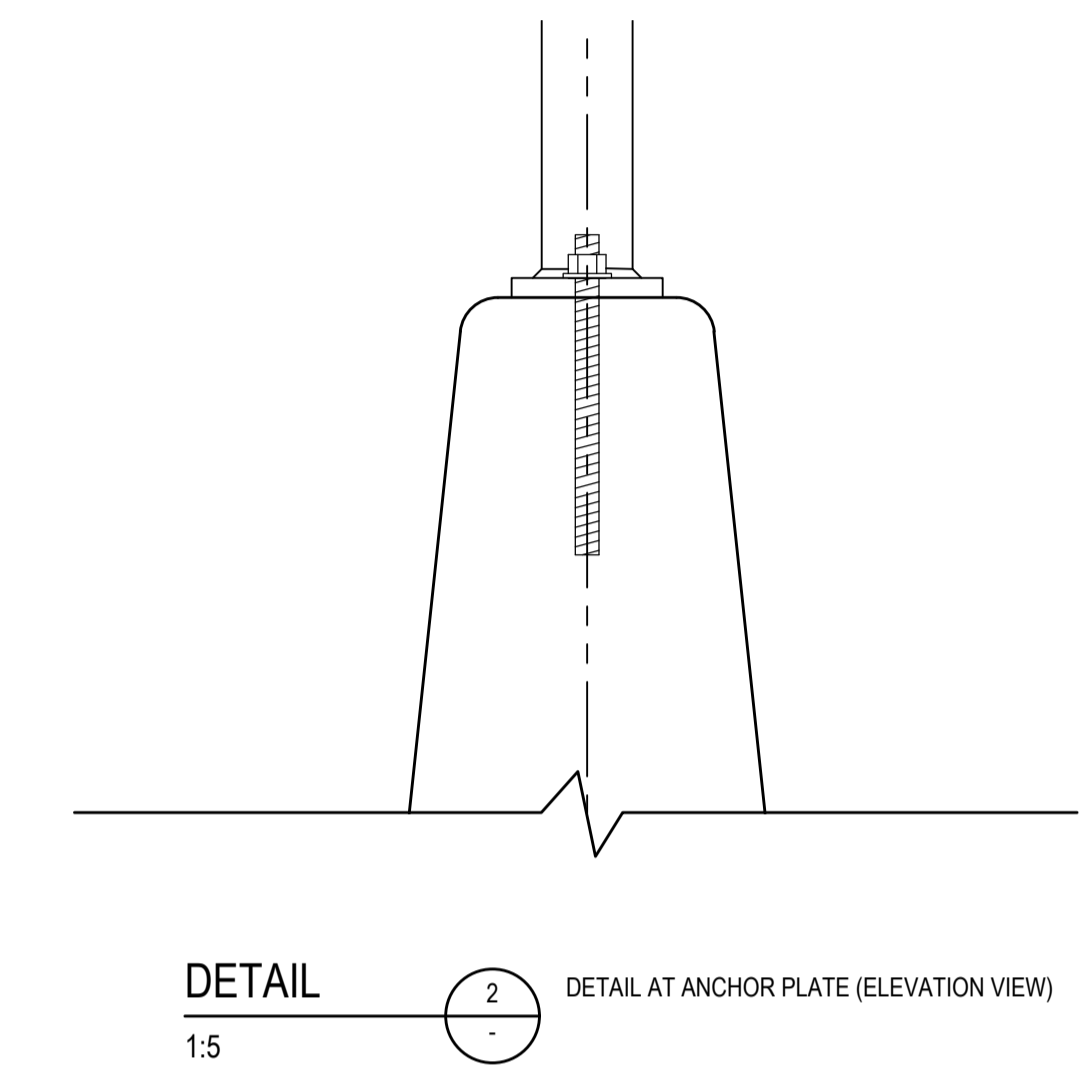
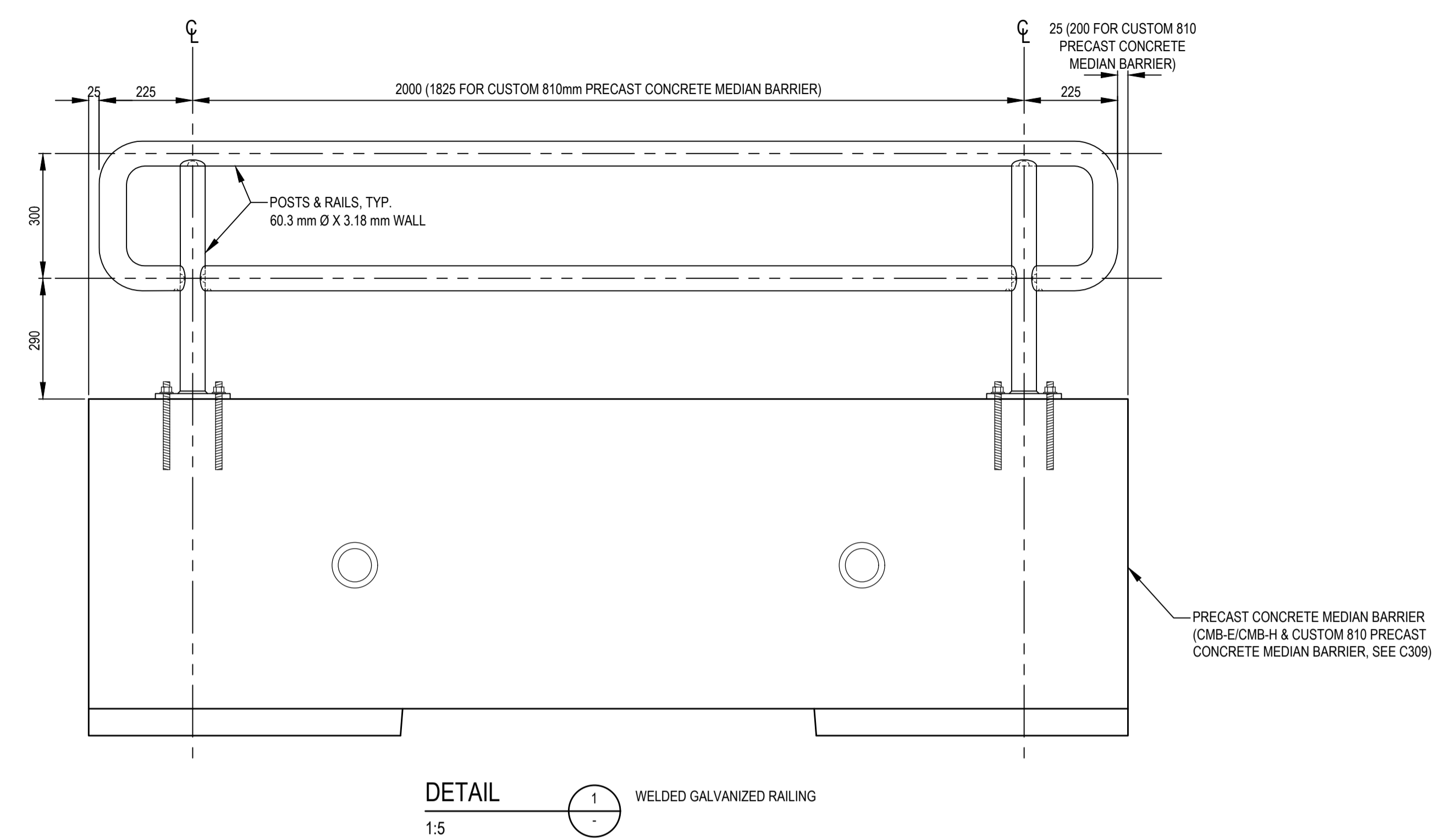
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
WELDED GALVANIZED RAILING DETAILS

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.115165.001	C310	0

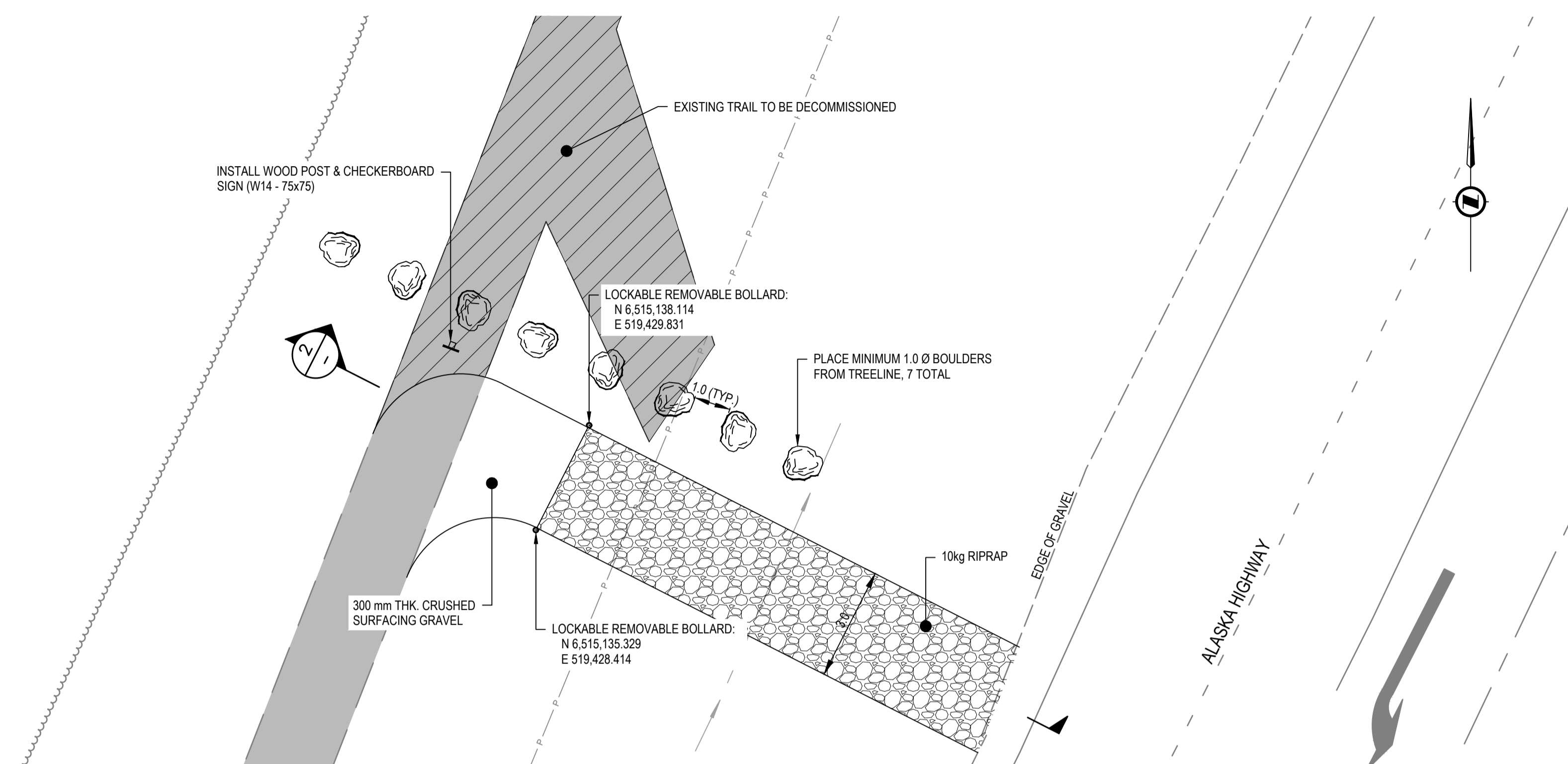
- NOTES:**
- SHOP DRAWINGS SHALL BE PROVIDED TO THE DEPARTMENTAL REPRESENTATIVE FOR REVIEW AND ACCEPTANCE PRIOR TO MANUFACTURE OF WELDED RAILING.
 - ALL WELDS SHALL BE FULL PENETRATION WELDS EXCEPT WHERE INDICATED DIFFERENTLY ON DRAWINGS.
 - VENT AND DRAIN HOLES IN RAILS SHALL BE PROVIDED ON THE SHOP DRAWINGS AS INDICATED ON CONTRACT DRAWINGS AND AT LOCATIONS AND SPACING RECOMMENDED BY THE CONTRACTOR.
 - ALL RAIL AND POSTS TO BE CAN/CSA G40.21 GRADE 350W OF ASTM A500 GRADE C. MISCELLANEOUS PLATE TO BE CAN/CSA G40.21 GRADE 300W.
 - ALL ROUGH EDGES SHALL BE GROUND SMOOTH AND WELD PLATTER SHALL BE REMOVED.
 - WELDED RAILING SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123/A123M.
 - FIELD WELDING SHALL NOT BE UTILIZED. TOUCH UP OF DAMAGED GALVANIZED AREAS SHALL BE BY THE APPLICATION OF A ZINC RICH PAINT PER SPECIFICATIONS.
 - POST ANCHORS SHALL BE ASTM A307 THREADED ROD, POST ANCHORS, NUT, AND WASHER TO BE GALVANIZED TO THE REQUIREMENTS OF ASTM A153/A153M.
 - ACCEPTABLE ADHESIVES FOR BONDING THE ANCHORS INTO CONCRETE INCLUDE:
 - HILTY HIT HY-200
 - REDHEAD EPOCON C6+
 - UCAN FLO-ROX FR6-SD
 - POWERS PE1000+
 - ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE ADHESIVE MANUFACTURE'S INSTRUCTIONS.
 - HOLES IN CONCRETE FOR ANCHORS MUST BE DRILLED WITH A HAMMER DRILL AND A CARBIDE TIPPED BIT. CONCRETE IN HOLES MUST BE WATER-SATURATED OR DRY WHEN INSTALLING ANCHORS.



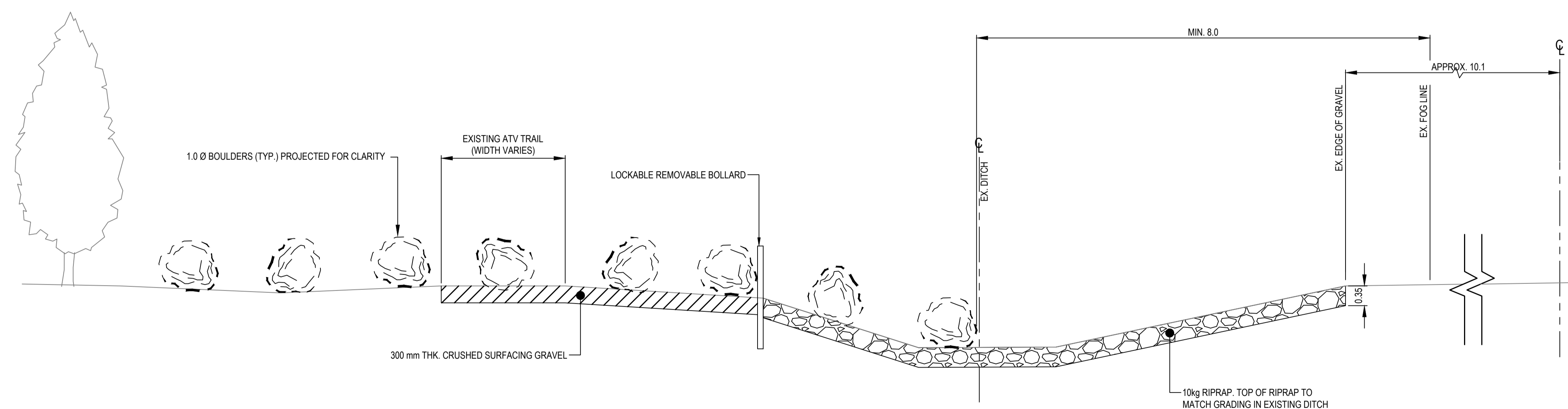
Q:\Vancouver\Transportation\TRN\WV\03091 Alaska Highway Km 450.6 Slide\400 - Drawings\C301-C311 TYPICAL DETAILS.dwg [C310] May 18, 2021 - 2:53:45 pm (BY: DEEPWELL, ANDREW)

ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 - THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 - ALL DISTURBED AREAS TO BE HYDRAULIC SEEDING



DETAIL 1
1:100



DETAIL 2
1:50

Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



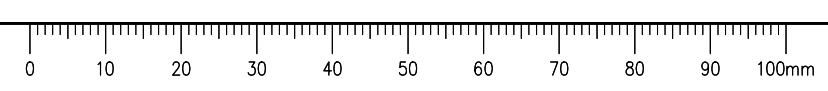
Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par: **G. WILKINS**
 Designed by/Concept par: **A. HORWOOD / E. YANG**
 Drawn by/Dessine par: **A. DEEPWELL**
 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 Services and Procurement Canada**
 Drawing title/Titre du dessin: **ATV TRAIL DITCH CROSSING DETAILS**

Project No./No. du projet R.115165.001	Sheet/Feuille C311	Revision no./La Révision no. 0
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ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
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 - ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

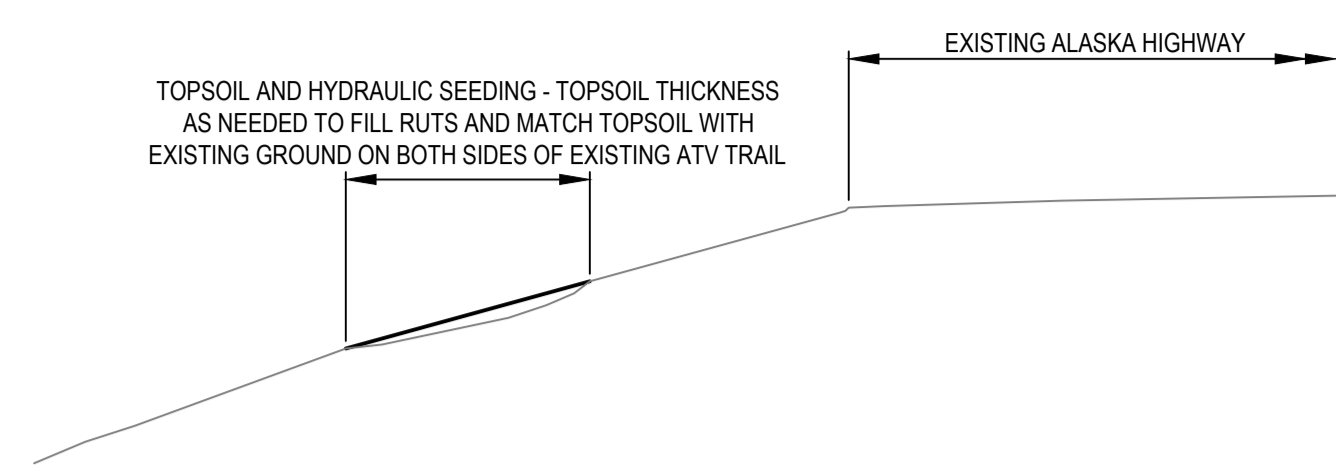
PWSC Project Manager/Administrateur de Projets TPSC
A. TAHERI

PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSC

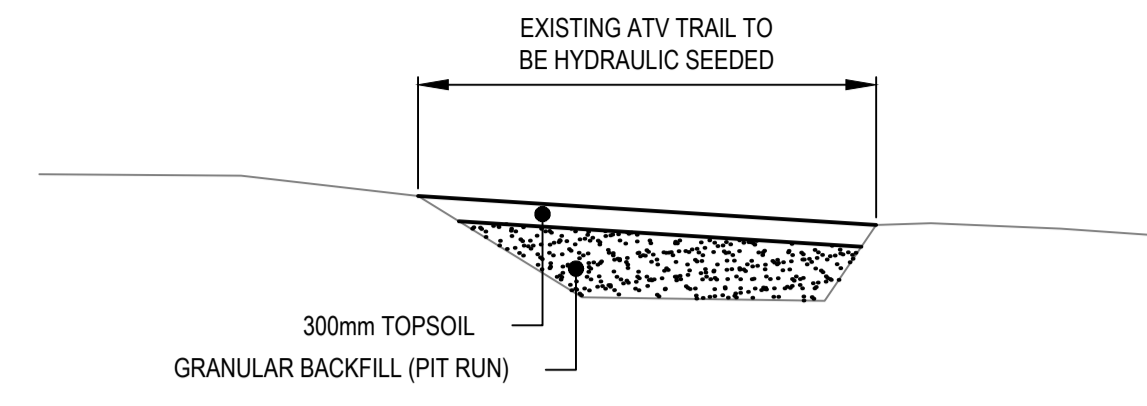
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
ATV TRAIL DECOMMISSIONING TYPICAL SECTIONS

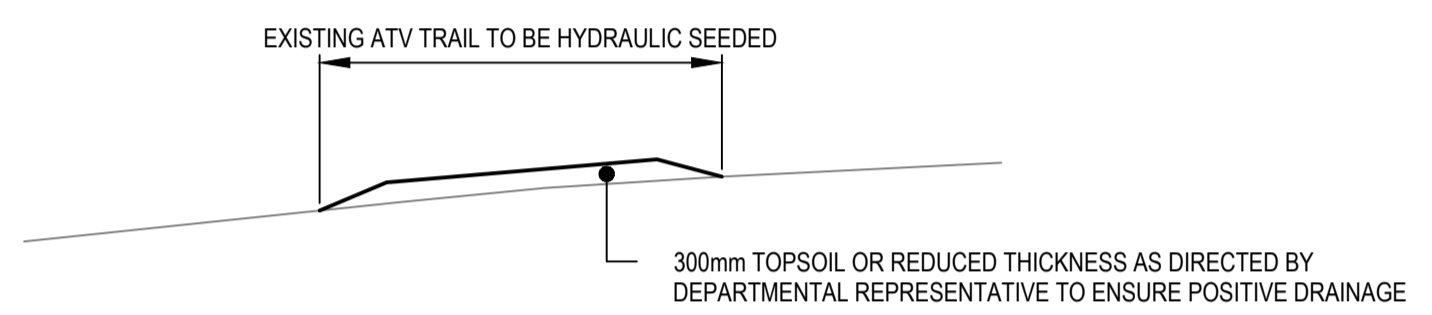
Project No./No. du projet R.115165.001	Sheet/Feuille C312	Revision no./La Révision no. 0
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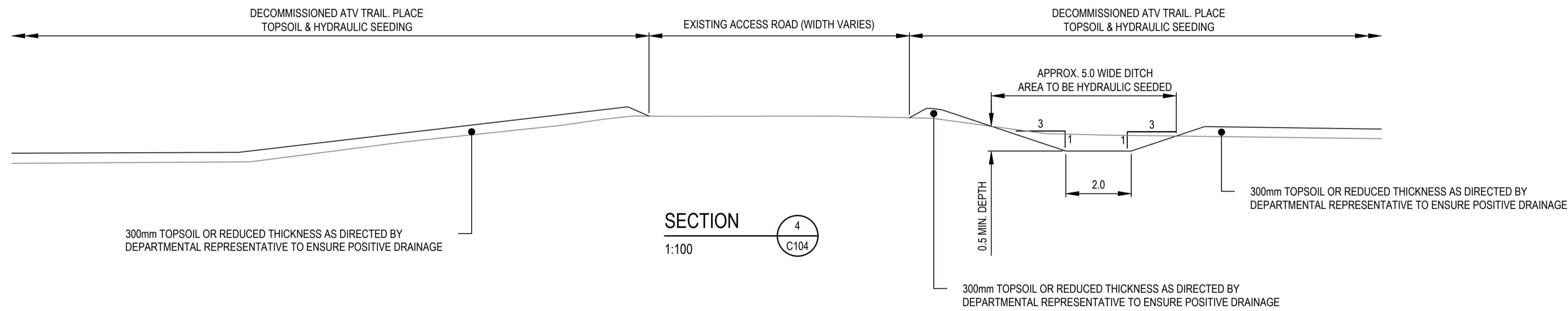
SECTION F
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EXISTING ATV TRAIL DECOMMISSIONING
DRAWN AT STA 5+700
TYPICAL FROM STA 5+063 TO 6+140



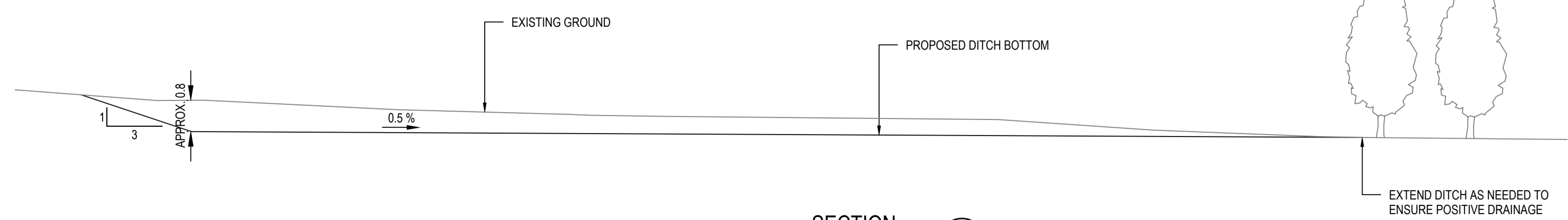
SECTION H
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EXISTING ATV TRAIL DECOMMISSIONING
DRAWN AT STA. 6+441
TYPICAL FROM STA 6+360 TO 6+470



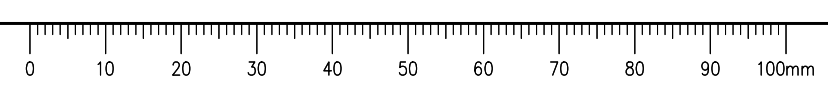
SECTION G
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EXISTING ATV TRAIL DECOMMISSIONING
DRAWN AT STA. 6+289
TYPICAL FROM STA 6+140 TO 6+360



SECTION 4
1:100
C104



SECTION 5
1:100
PROPOSED DITCH
C104



Q:\Vancouver\Transportation\TRN\VHWY\03091 Alaska Highway Km 450.6 Slide\400 - Drawings\C301-C311 TYPICAL DETAILS.dwg [C312] May 18, 2021 - 11:52:16 am (BY: DEEPWELL, ANDREW)



ISSUED FOR TENDER

- GENERAL NOTES:
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 3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concepté par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

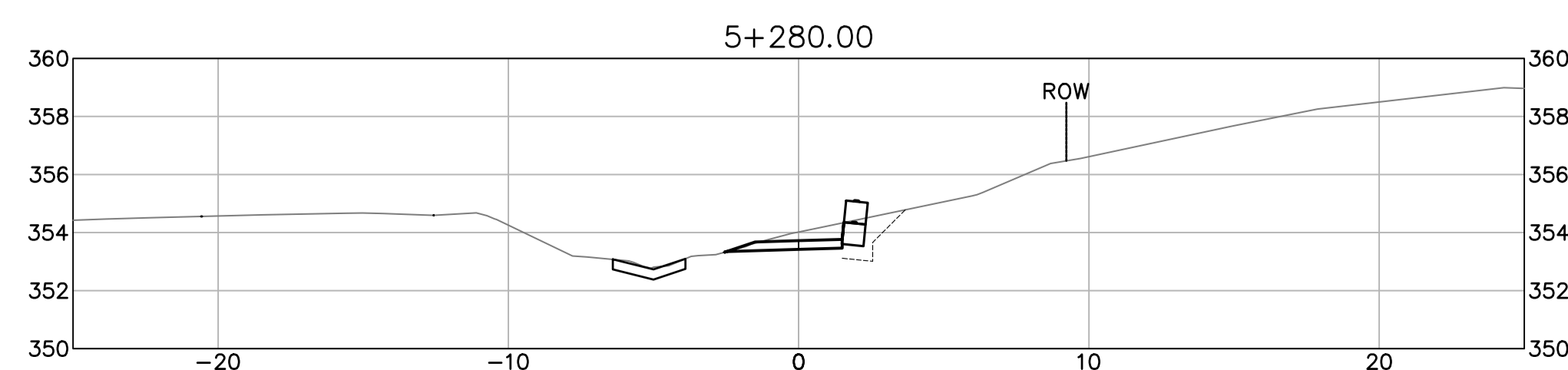
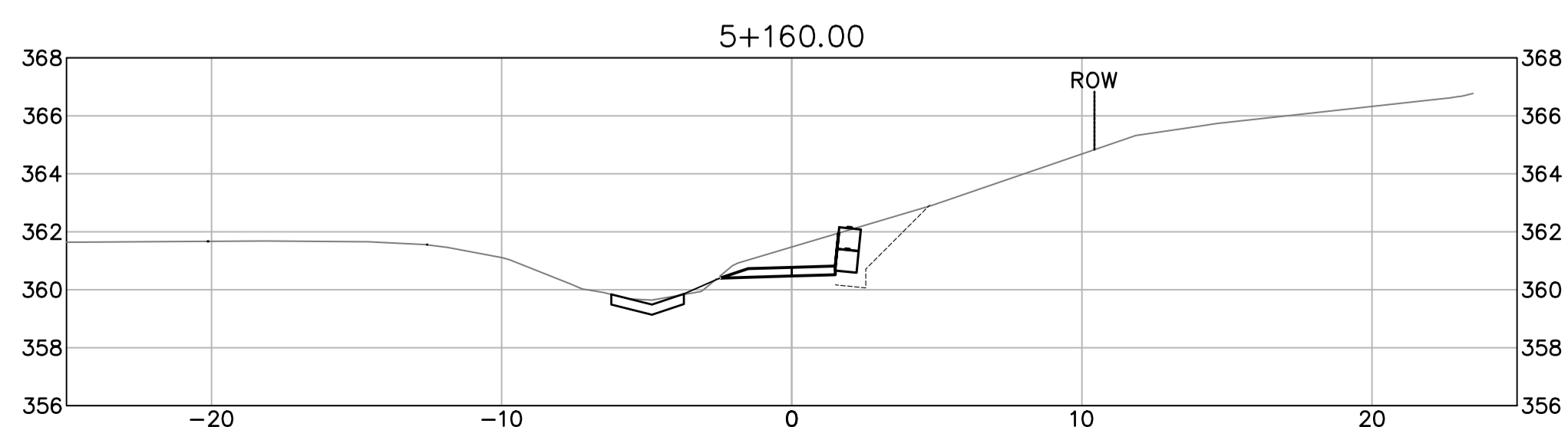
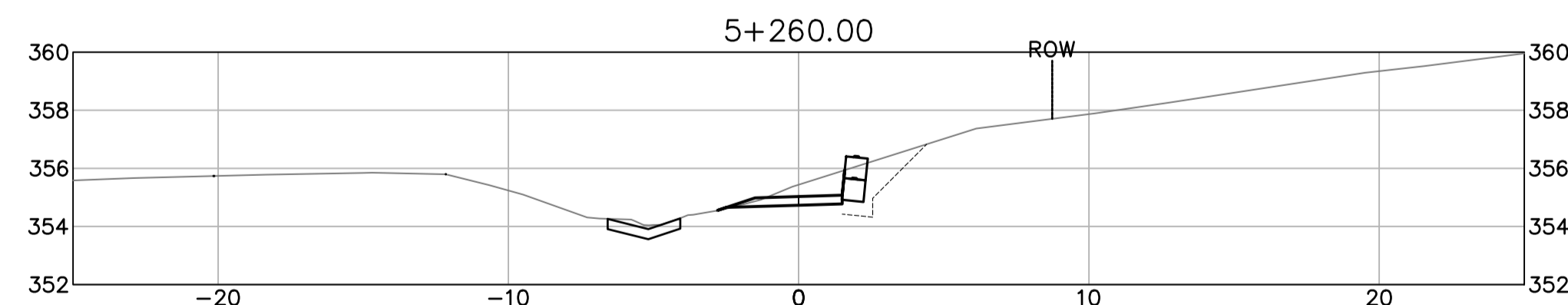
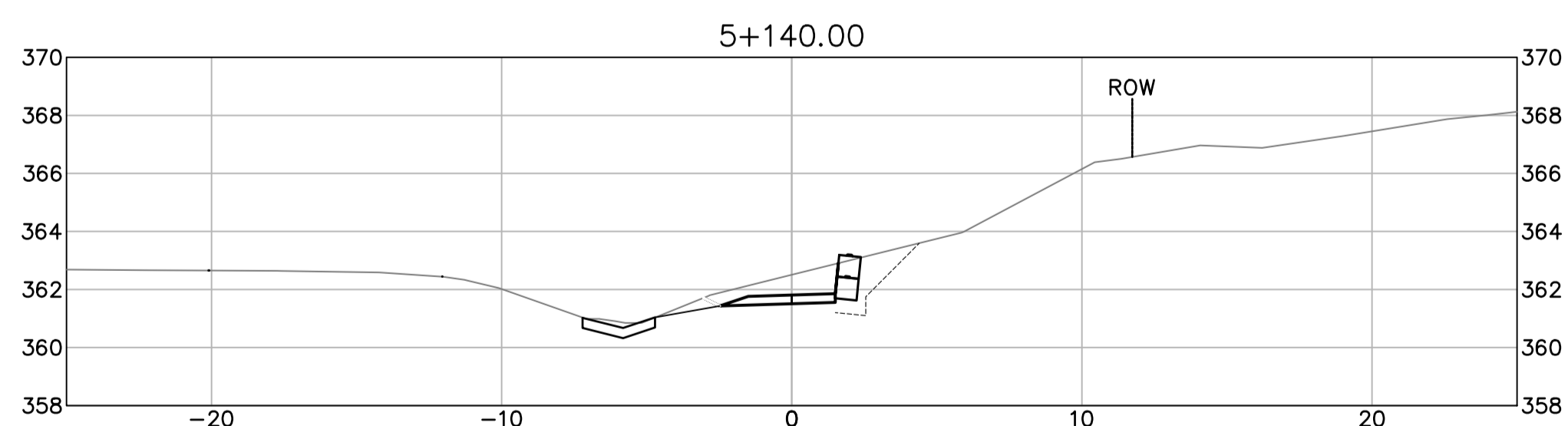
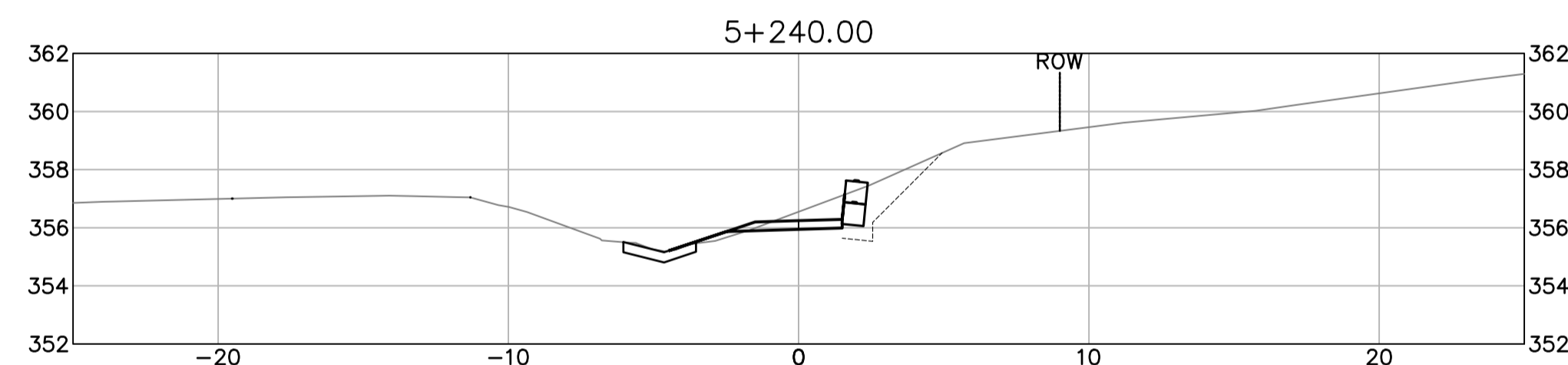
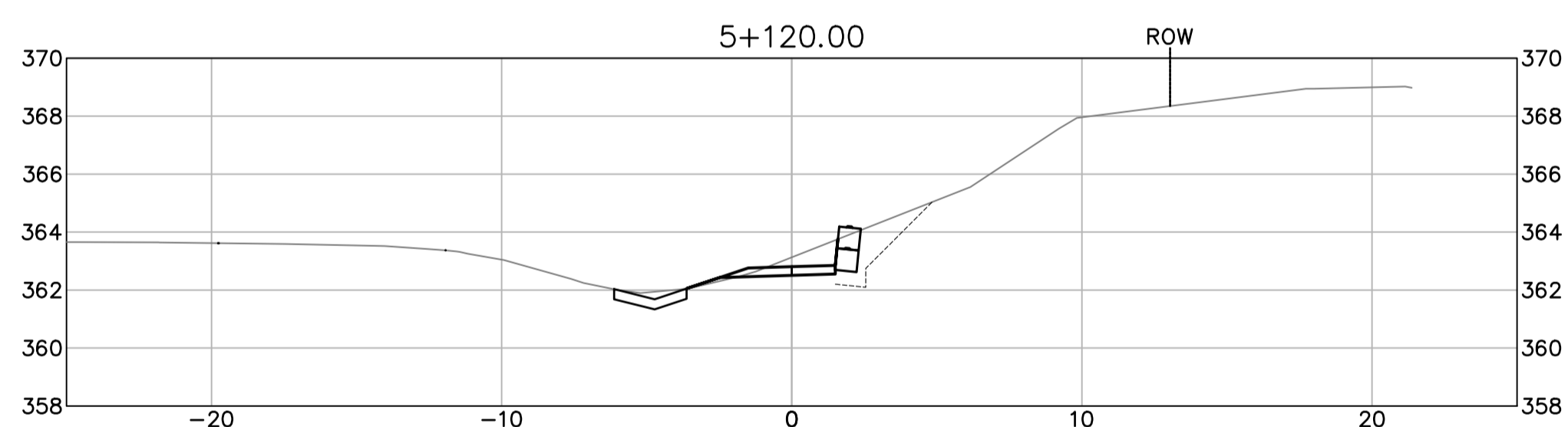
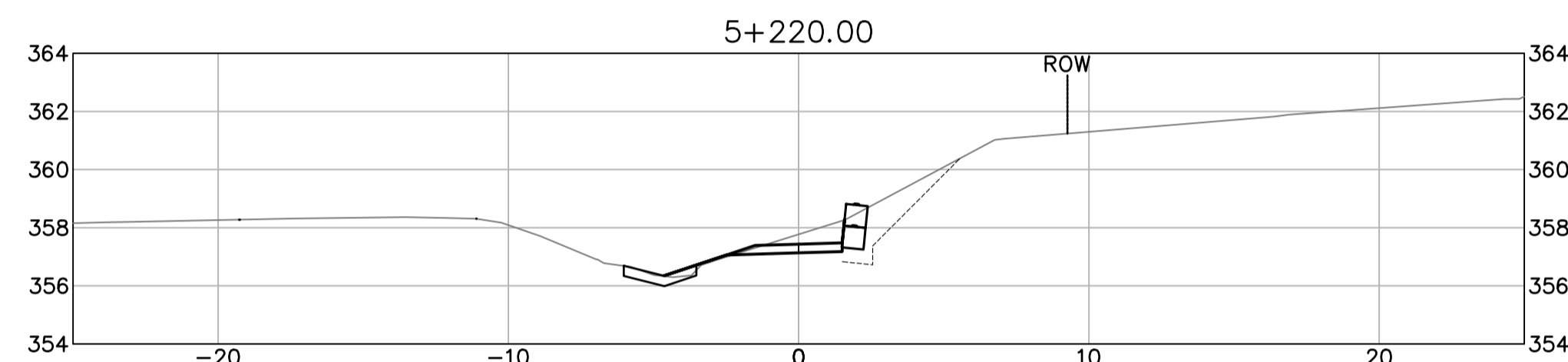
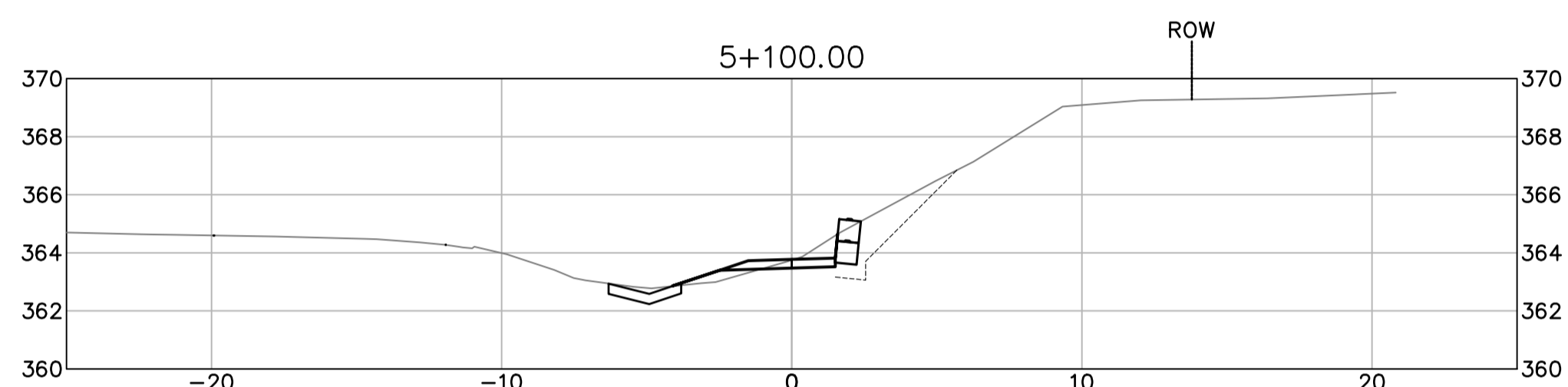
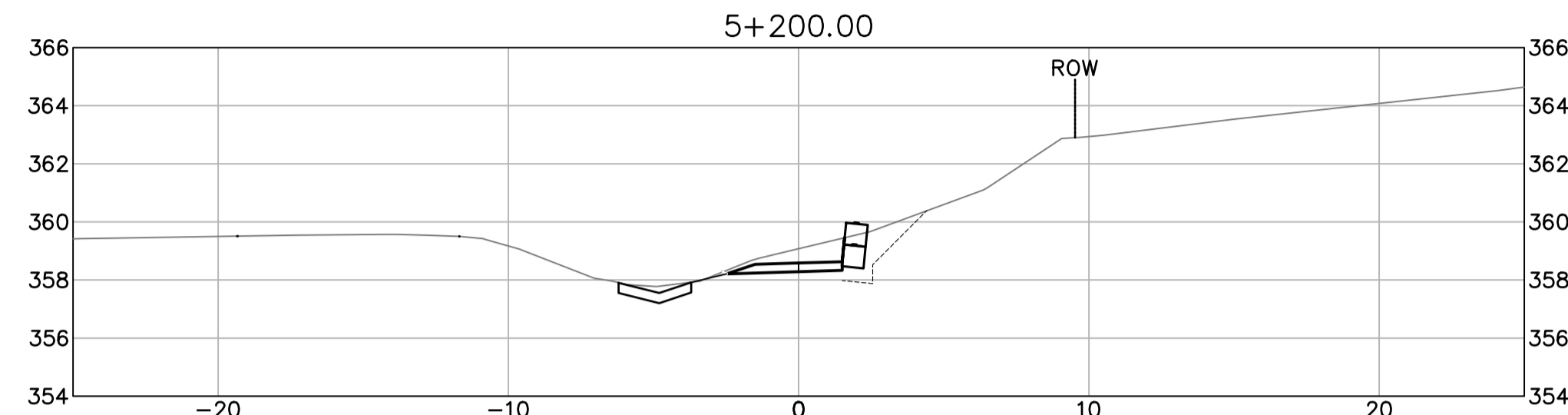
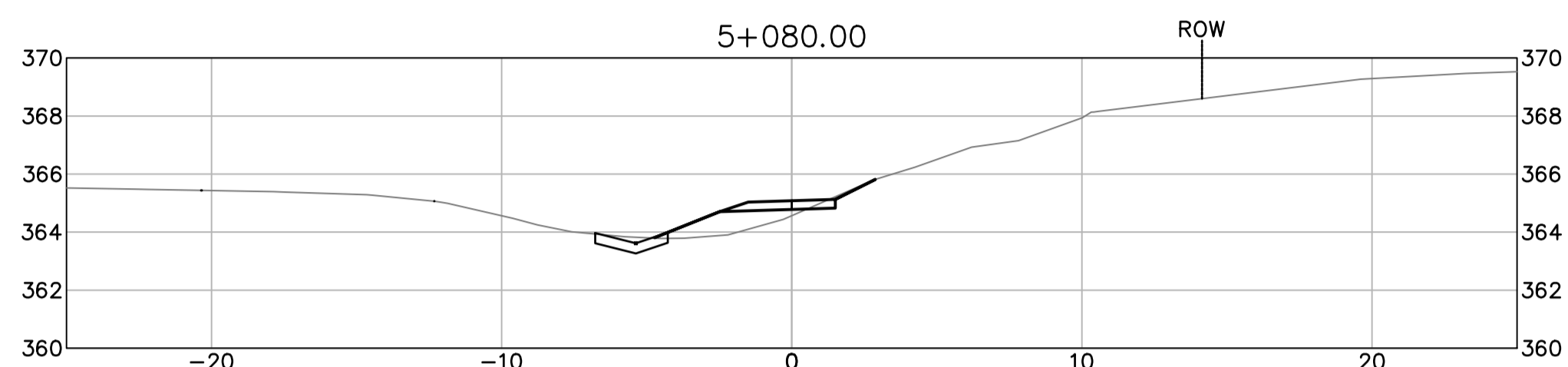
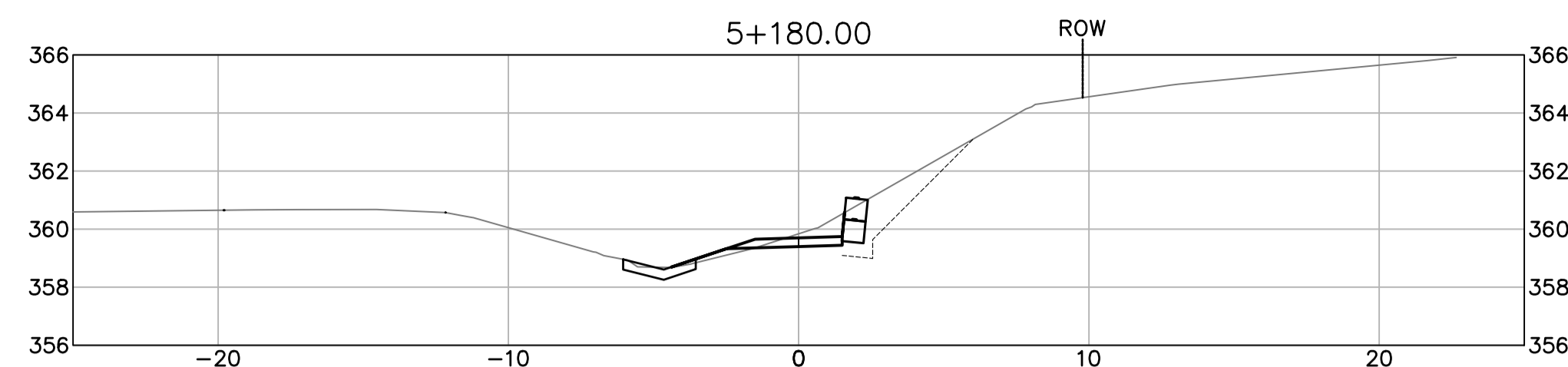
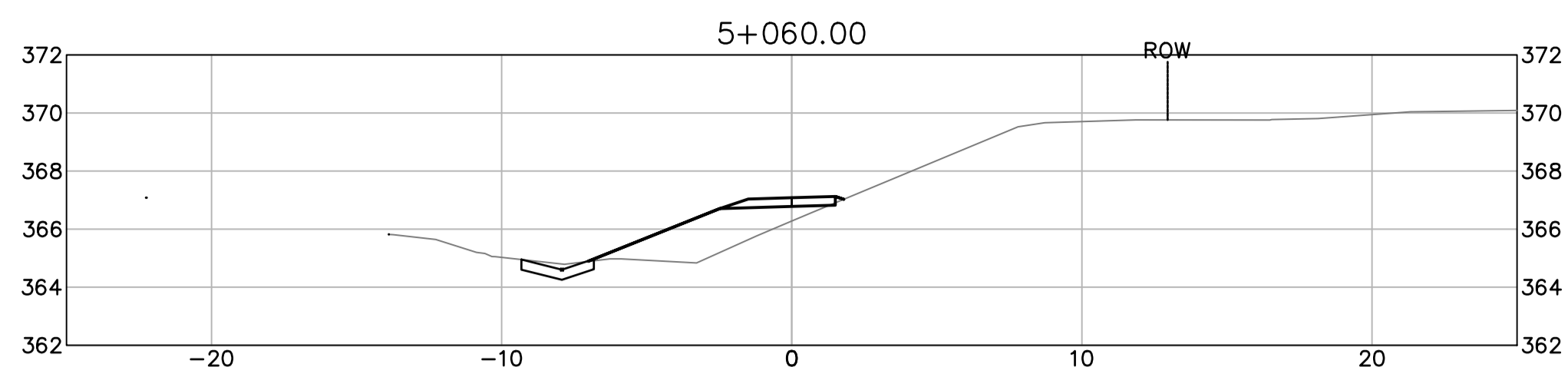
PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

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

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**ATV TRAIL CROSS SECTIONS
STA. 5+060 TO STA. 5+280**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	XSEC-01	0

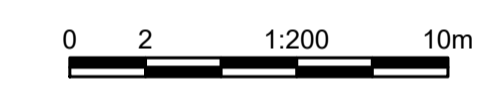


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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11
Client/client		

Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concepté par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

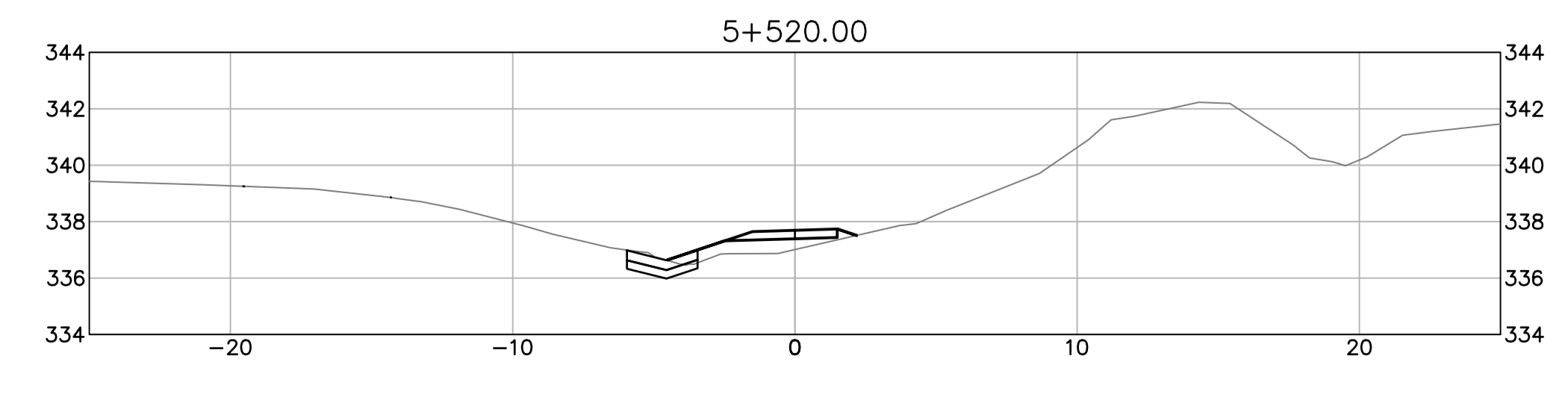
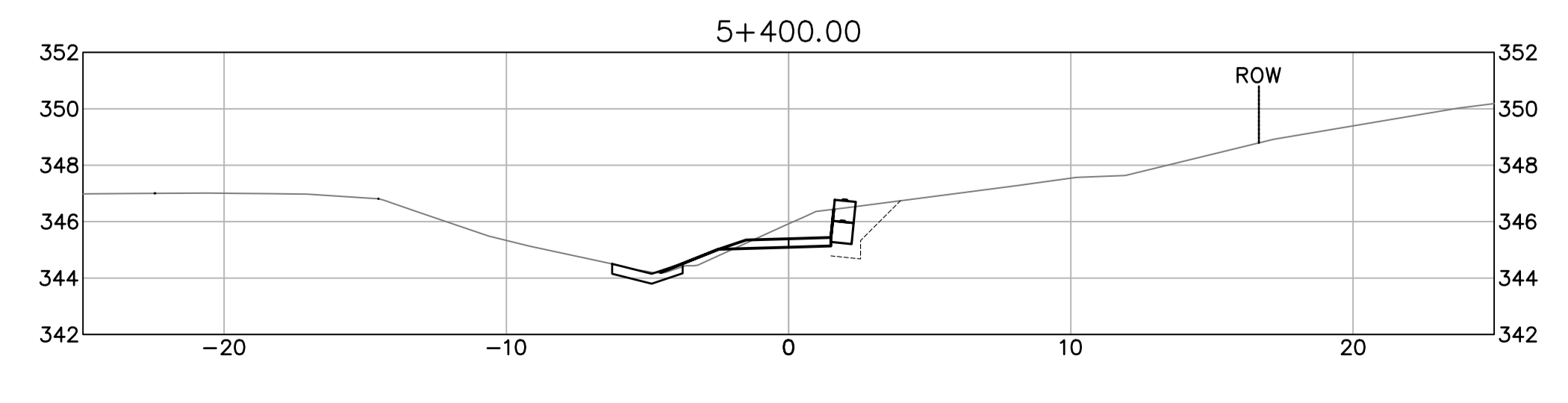
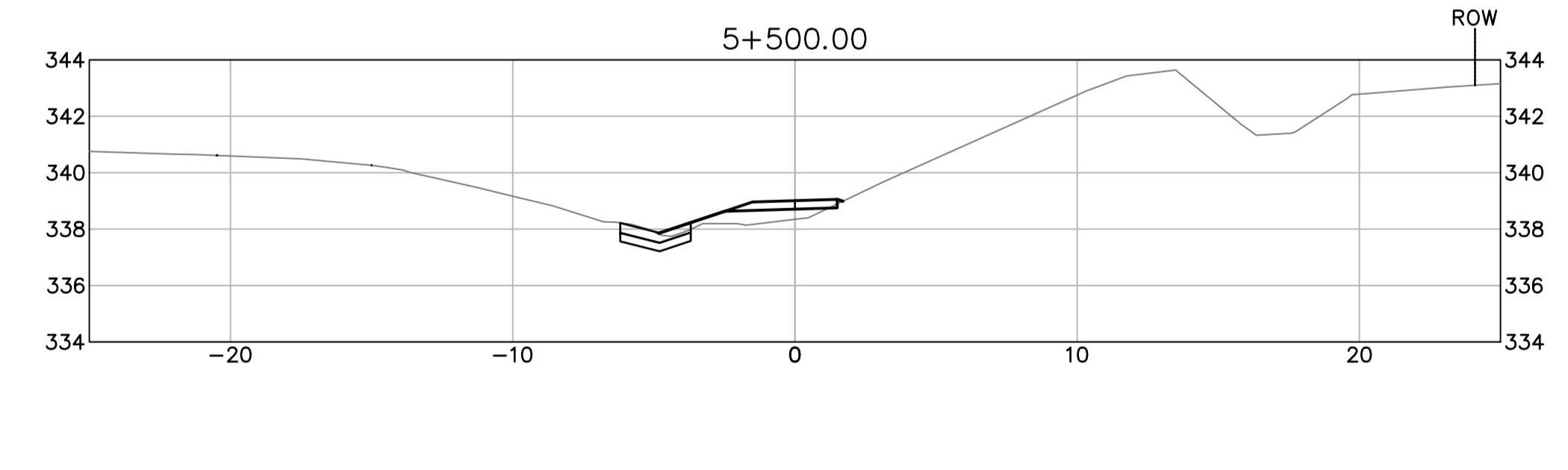
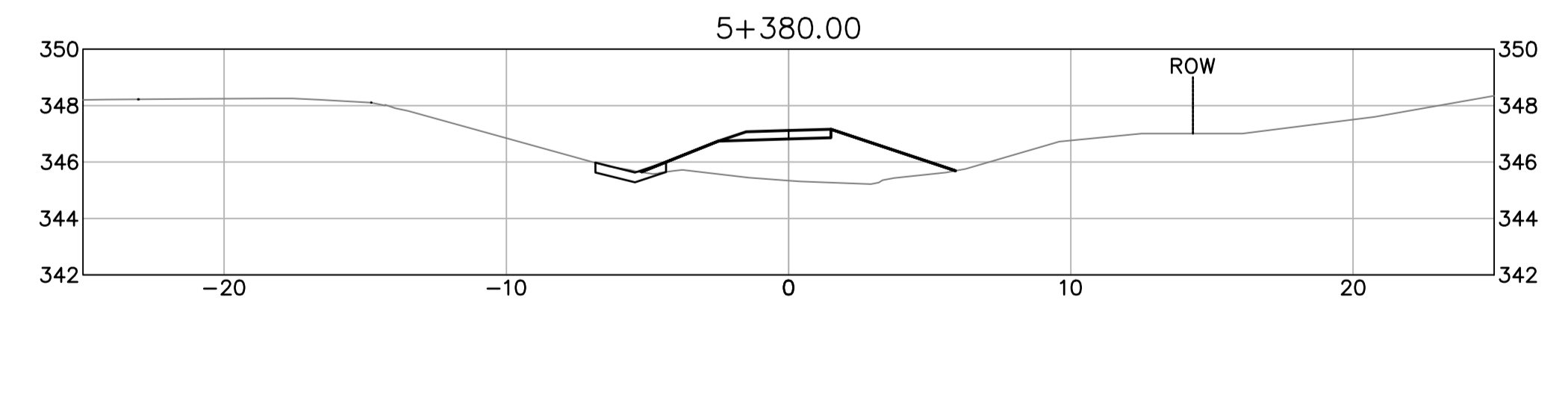
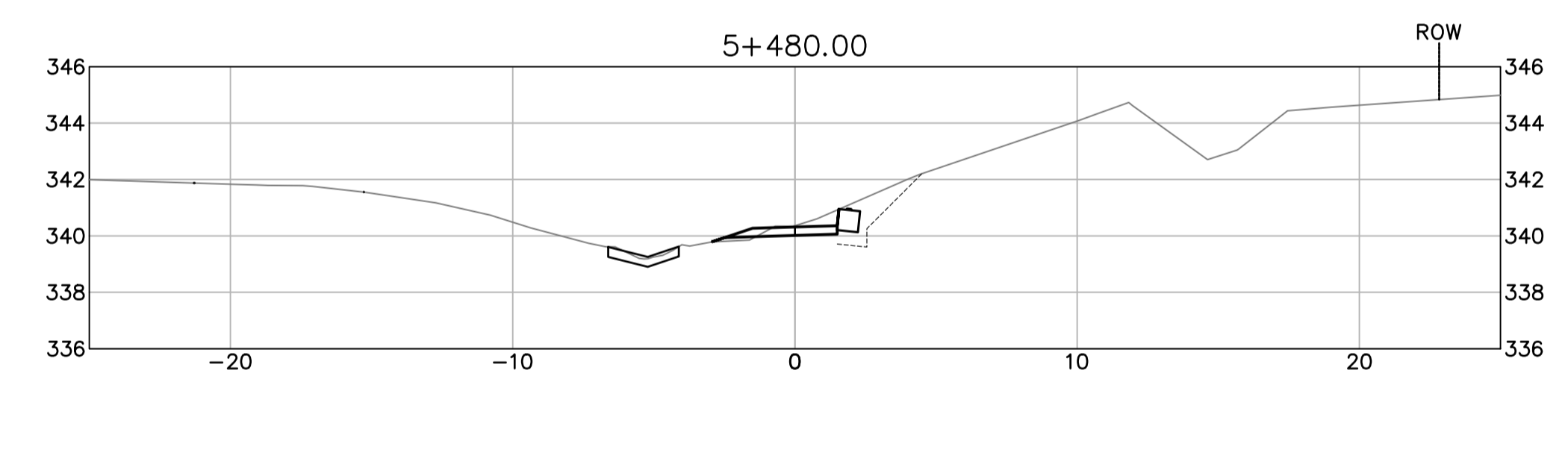
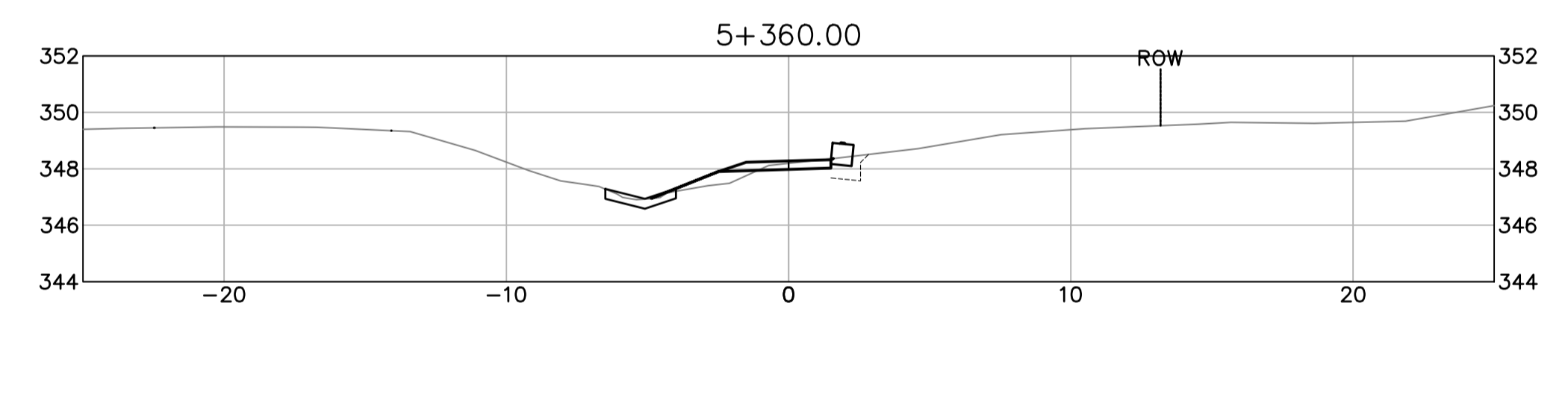
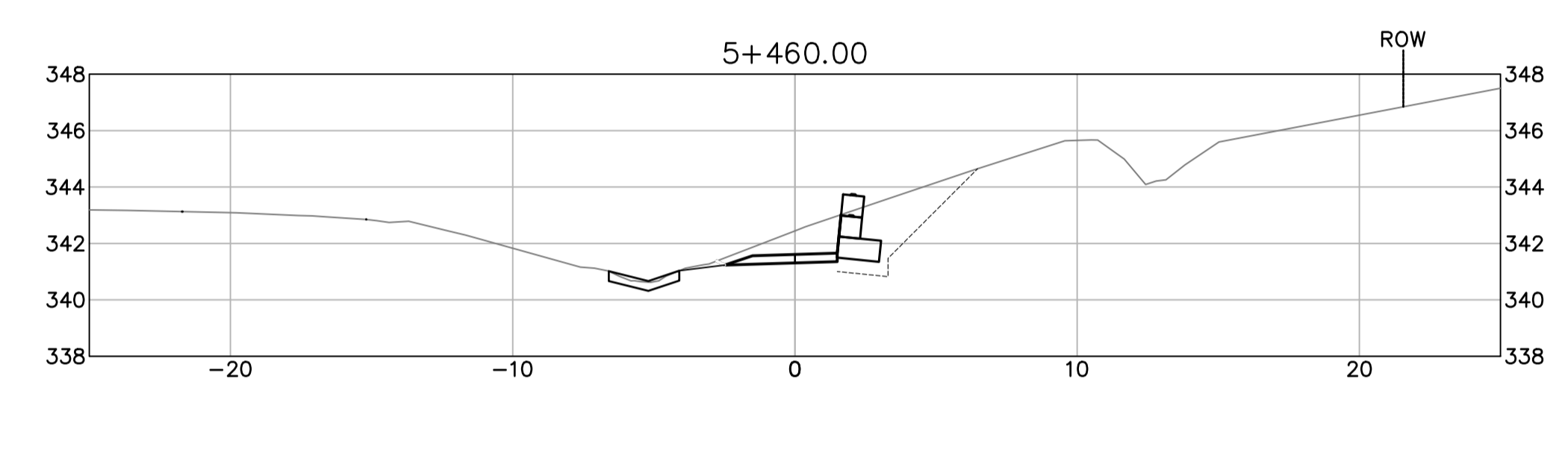
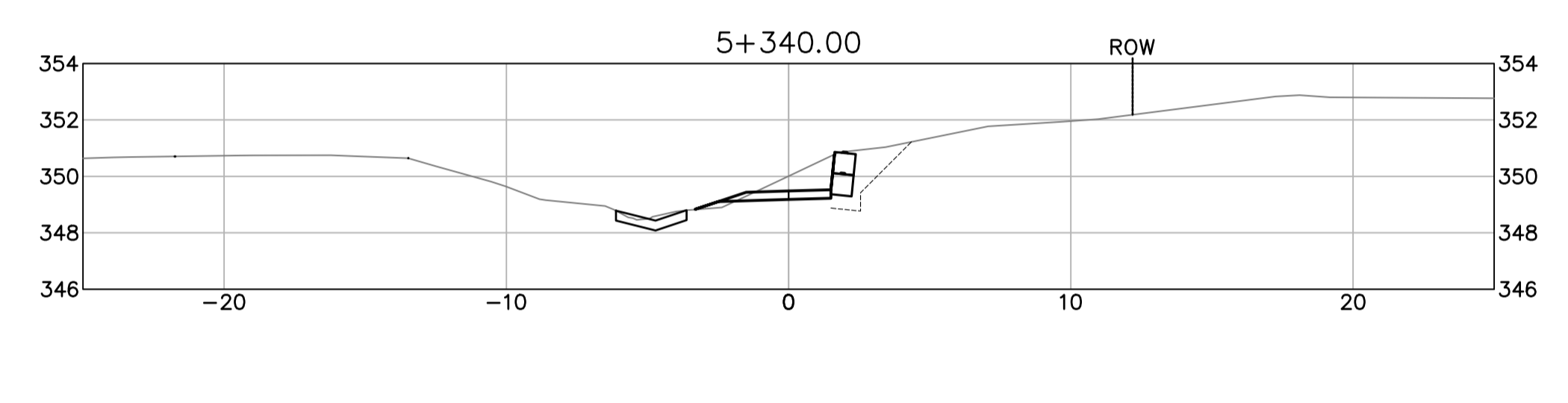
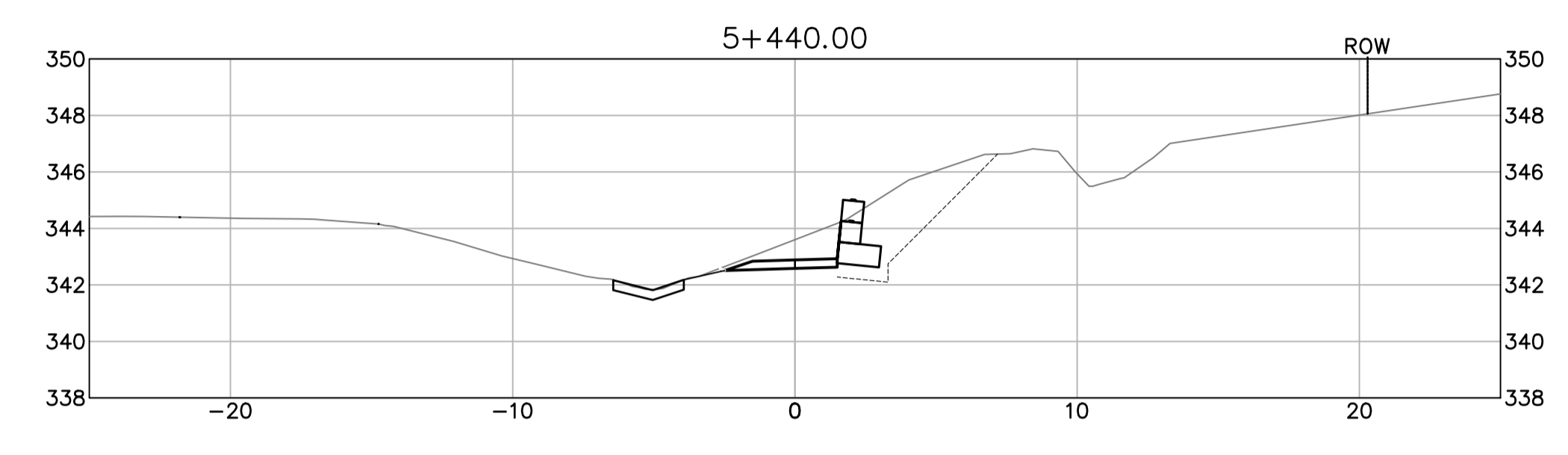
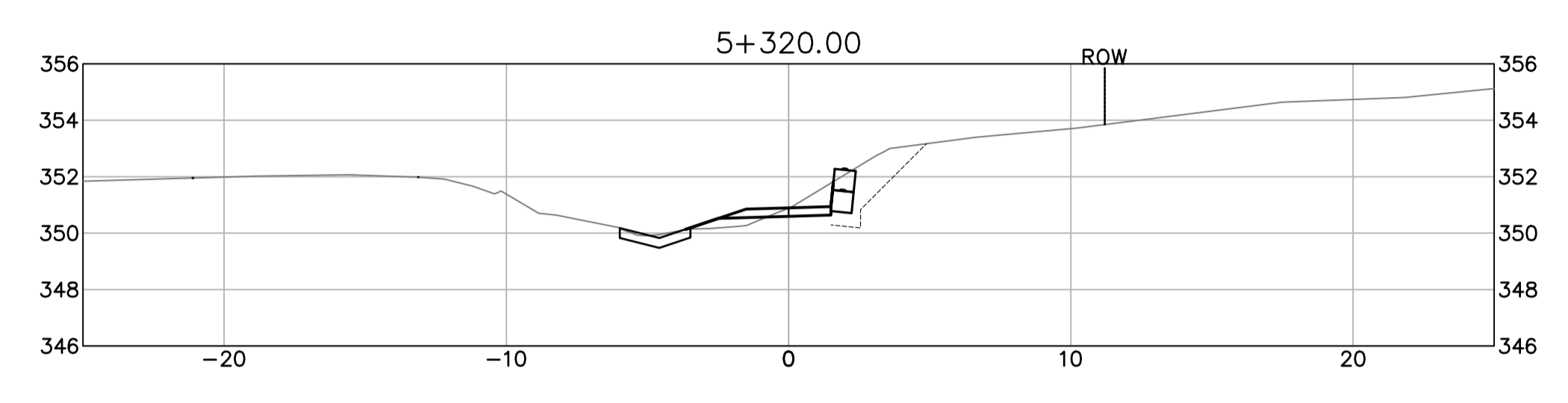
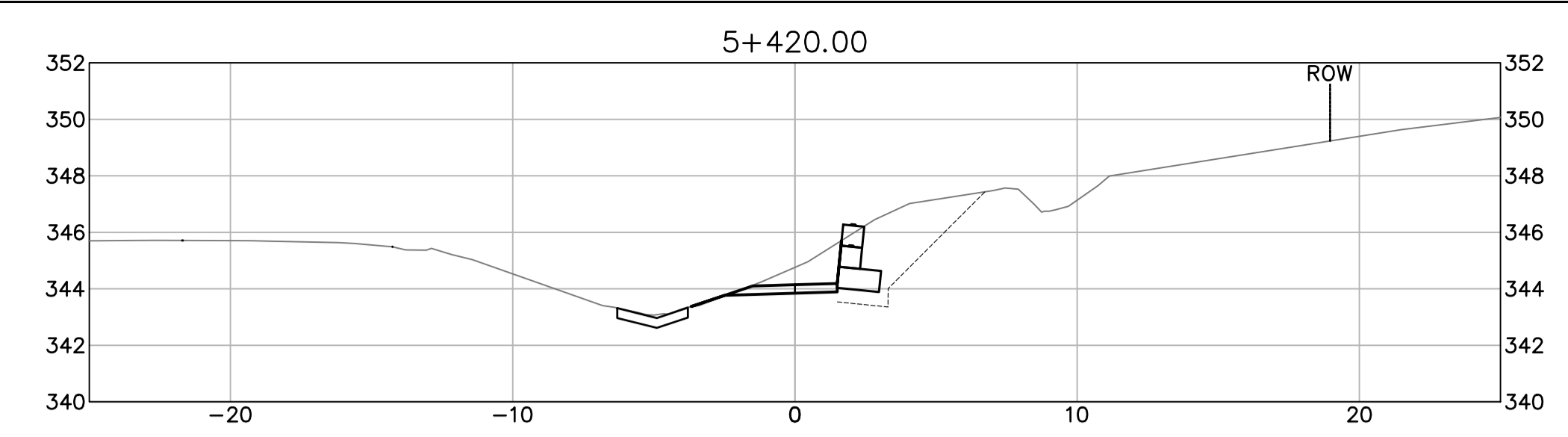
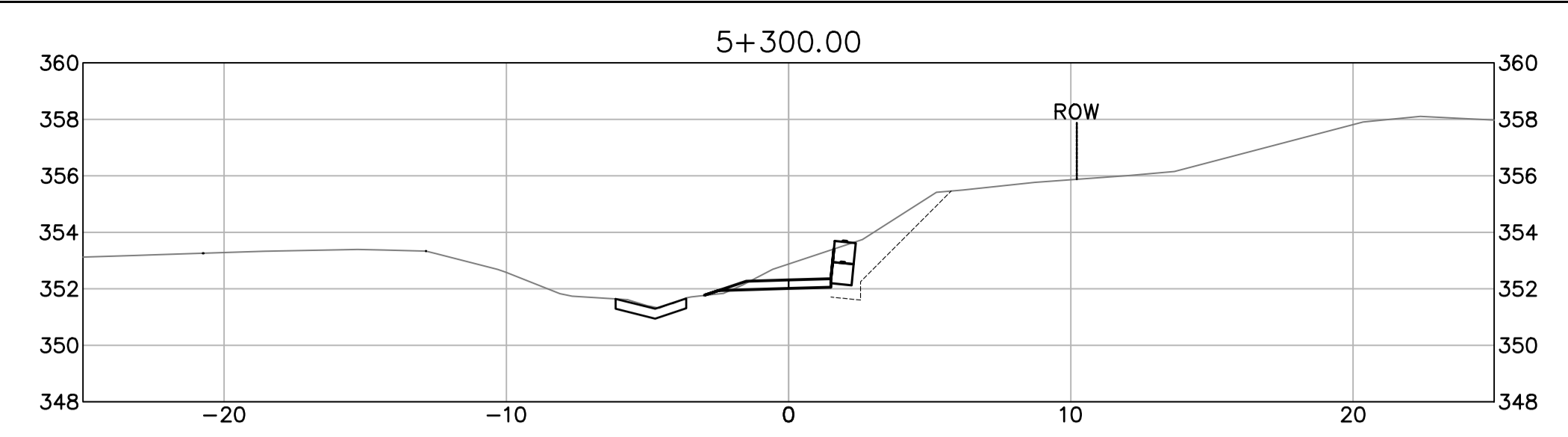
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

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

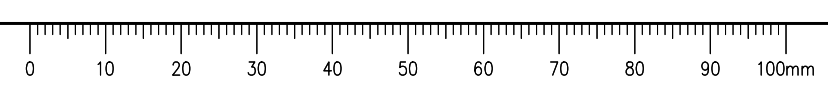
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**ATV TRAIL CROSS SECTIONS
STA. 5+300 TO STA. 5+520**

Project No./No. du projet R.115165.001	Sheet/Feuille XSEC-02	Revision no./La Révision no. 0
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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project title/Titre du projet

KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concepté par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

PWGC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

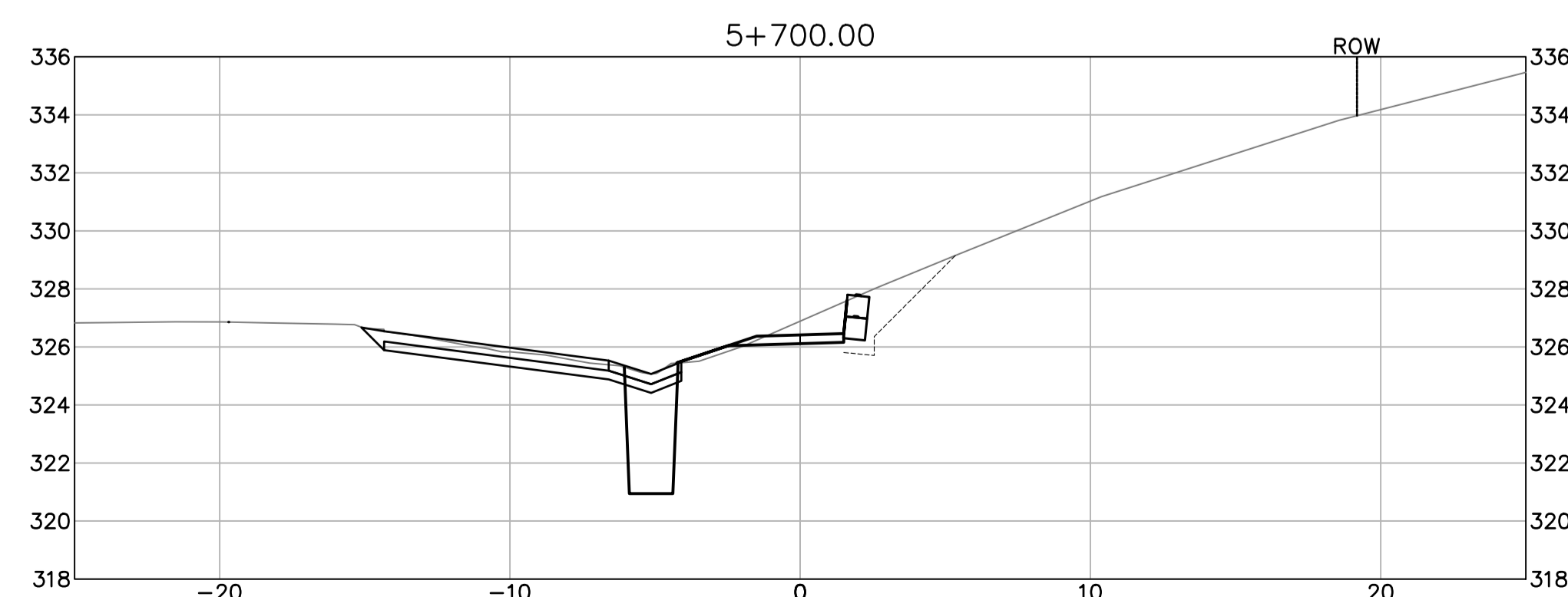
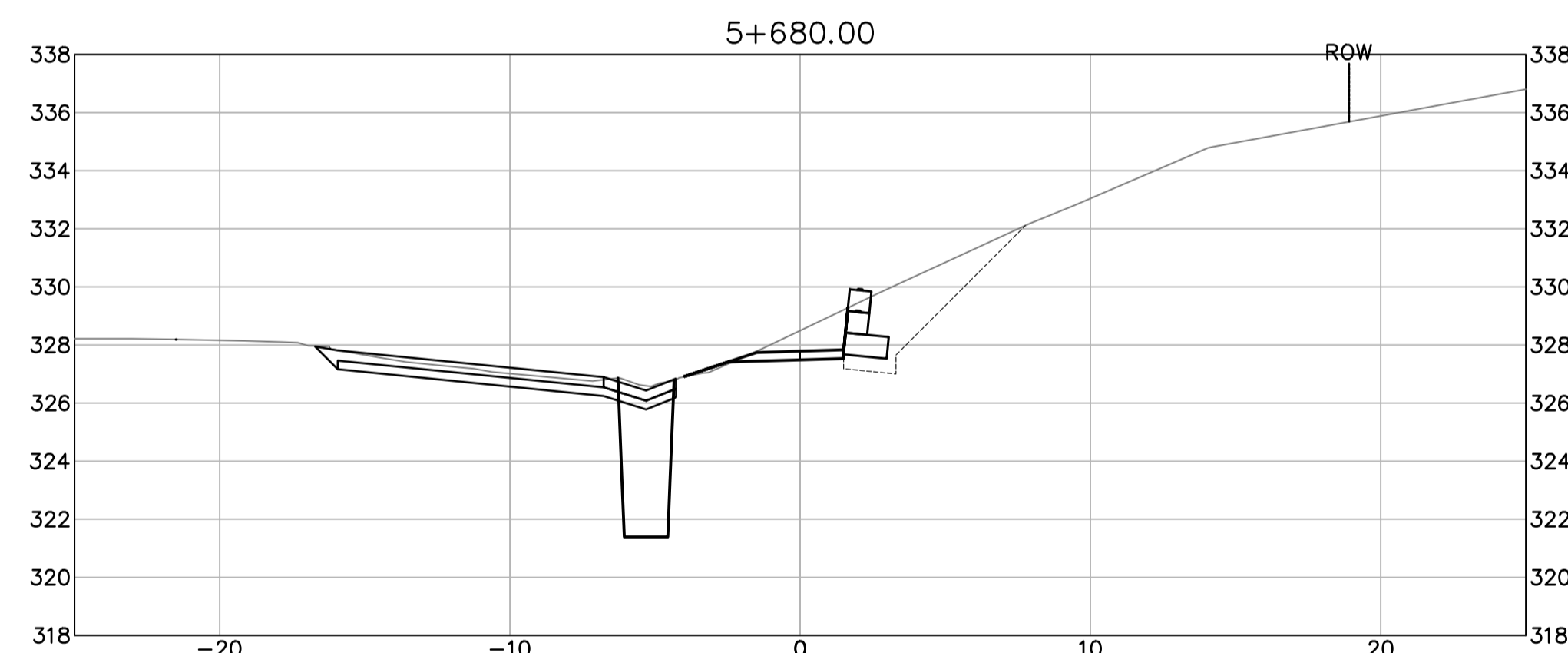
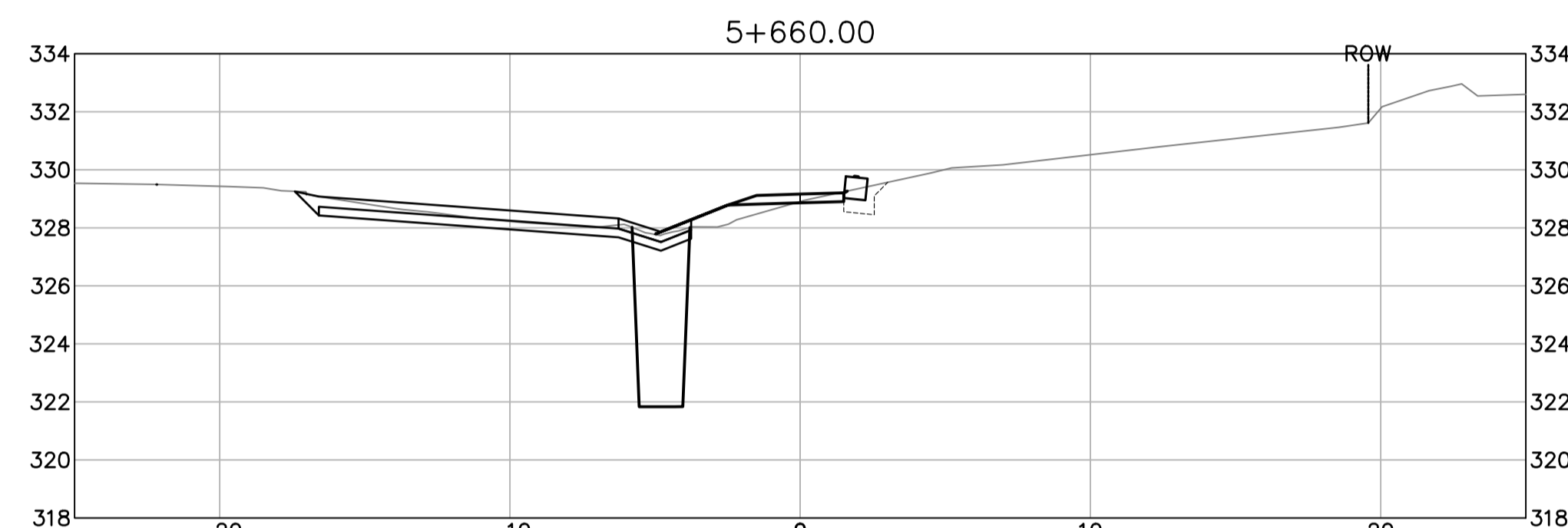
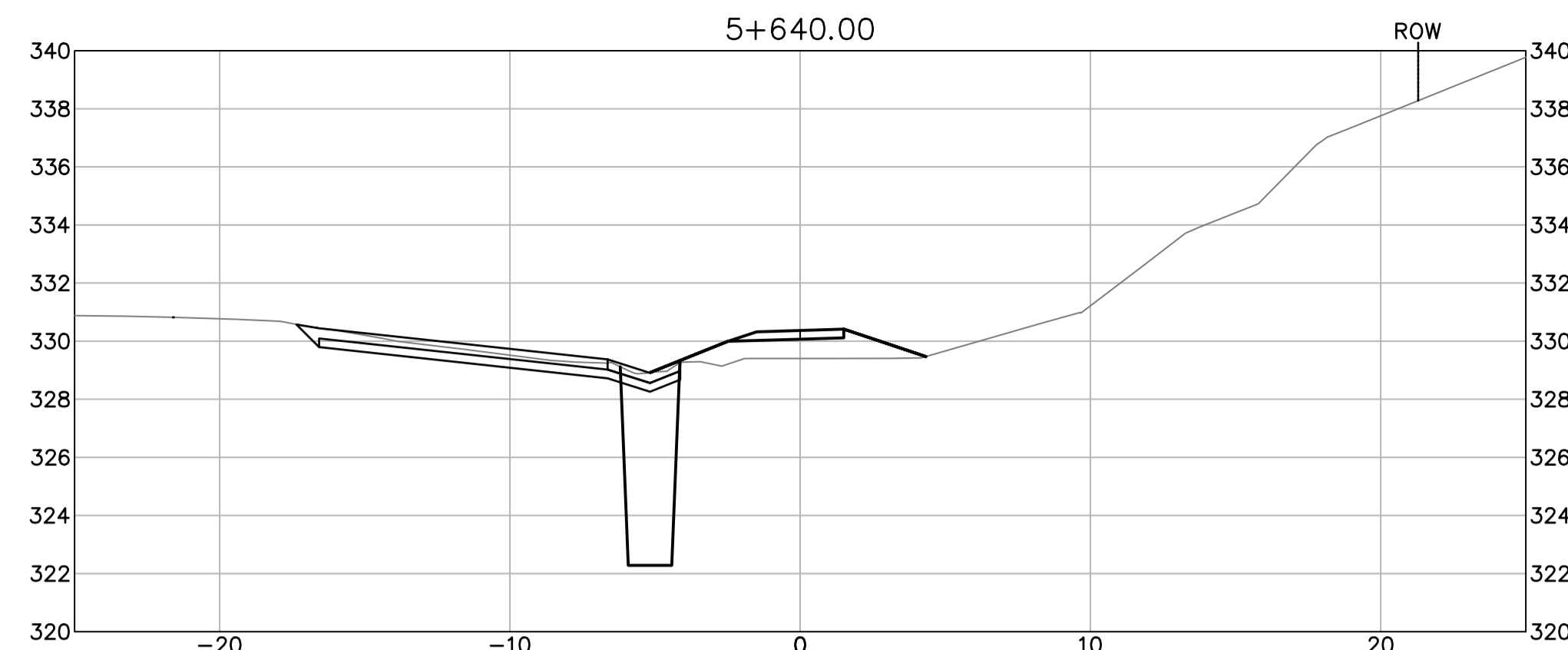
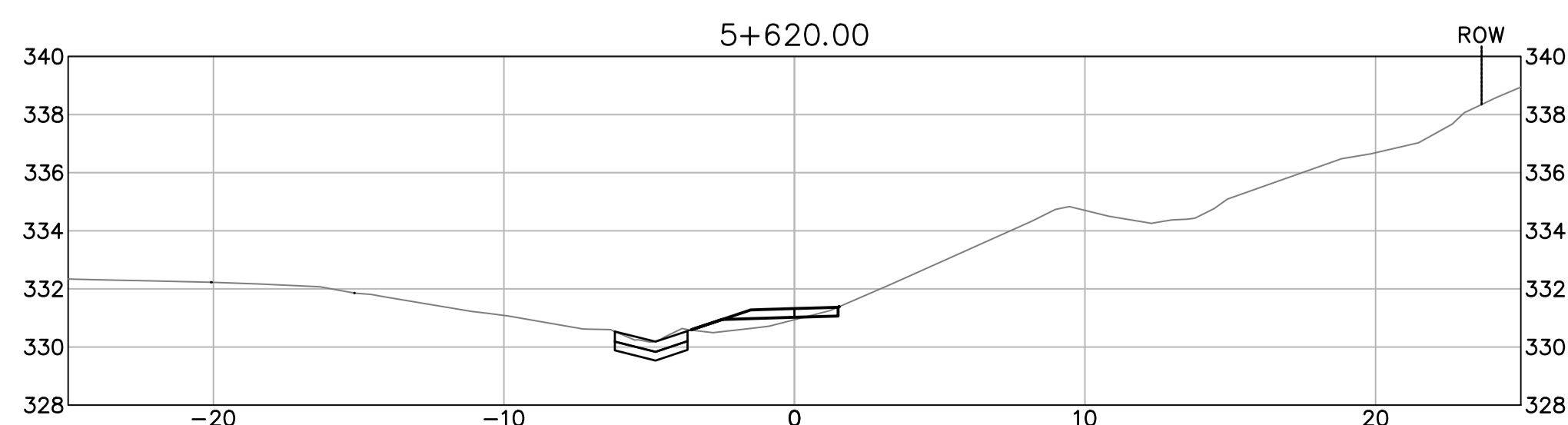
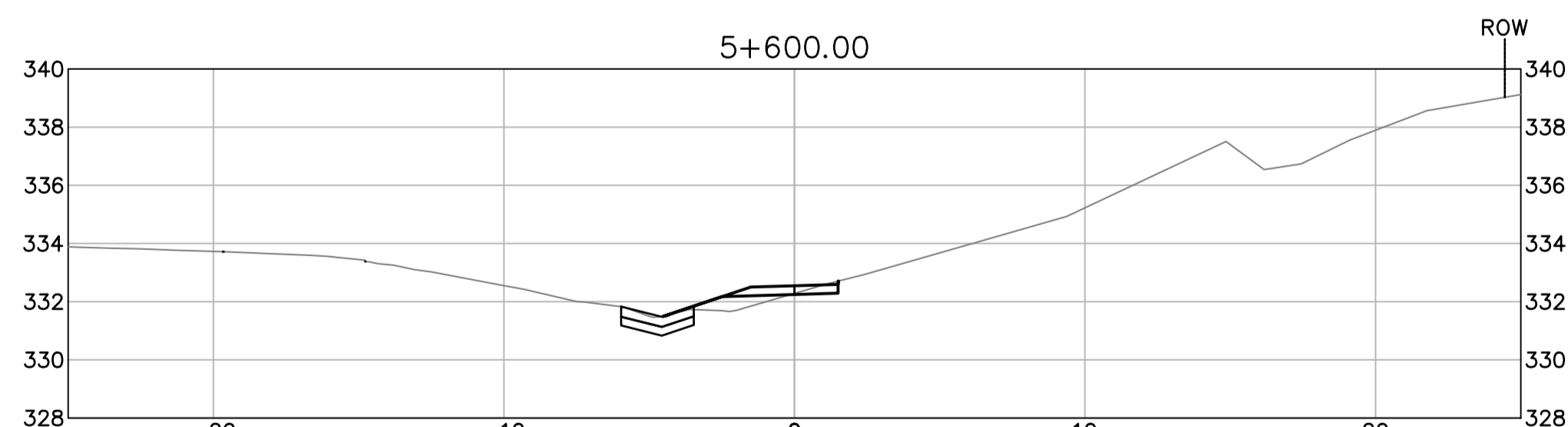
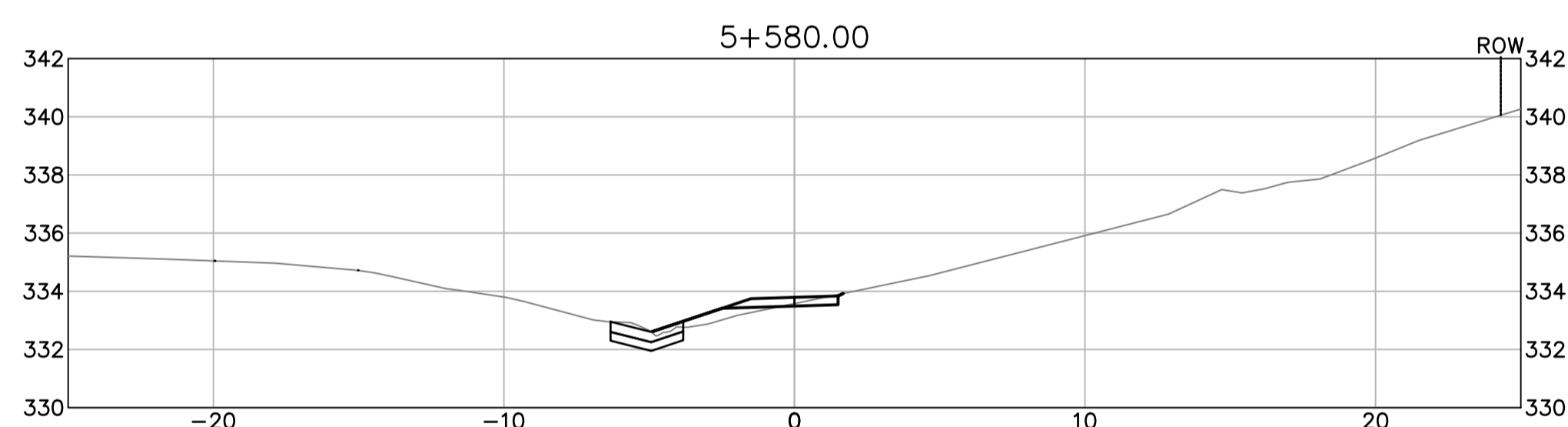
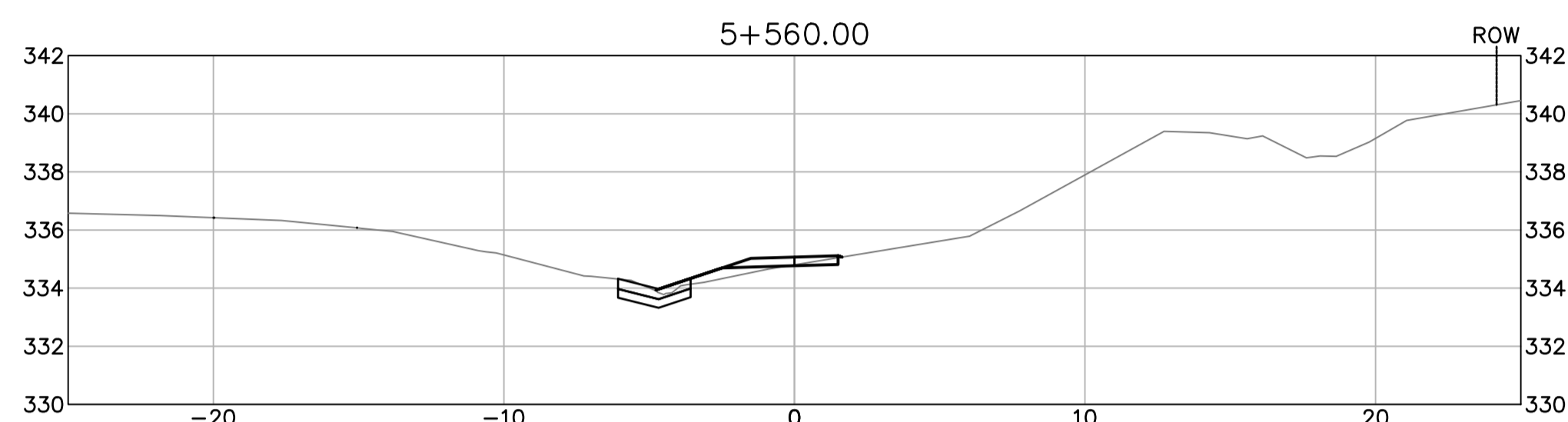
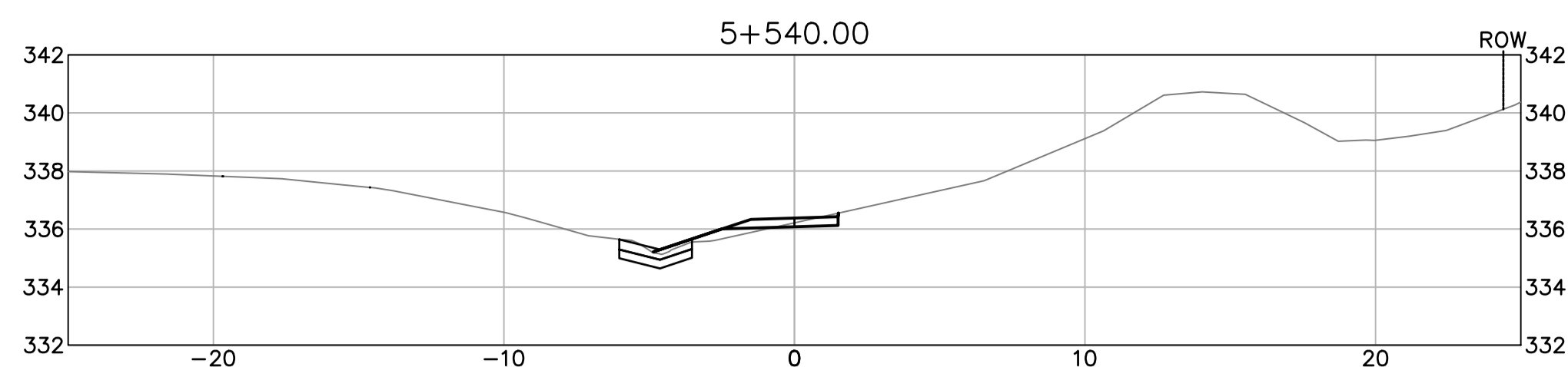
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin

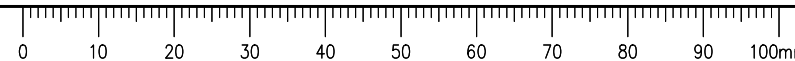
ATV TRAIL CROSS SECTIONS

STA. 5+540 TO STA. 5+700

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	XSEC-03	0



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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project Title/Titre du projet

KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
A. HORWOOD / E. YANG

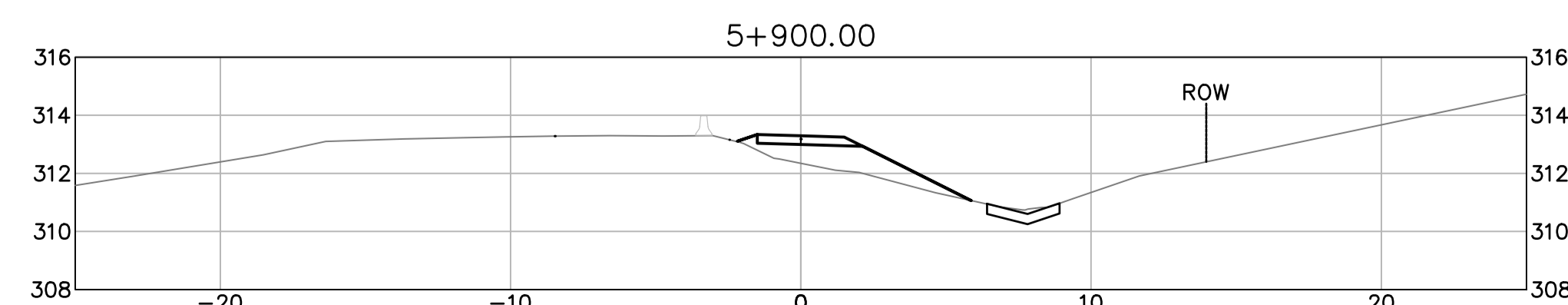
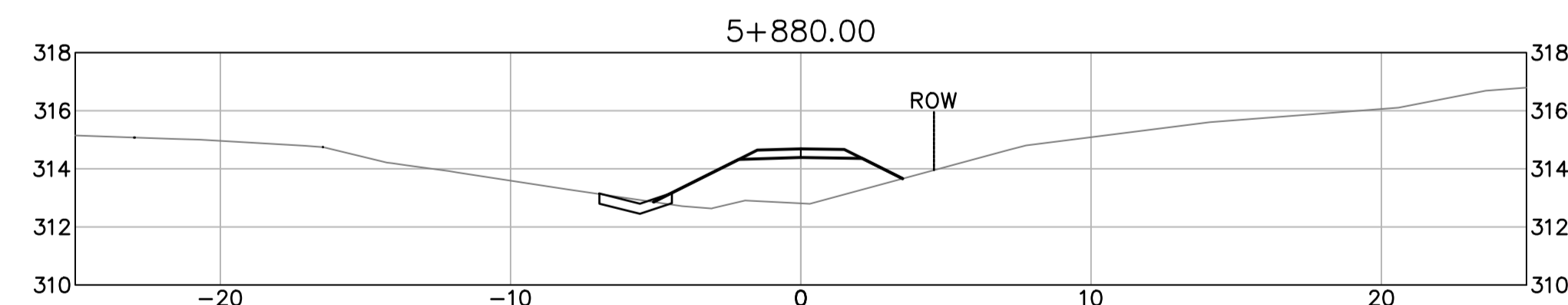
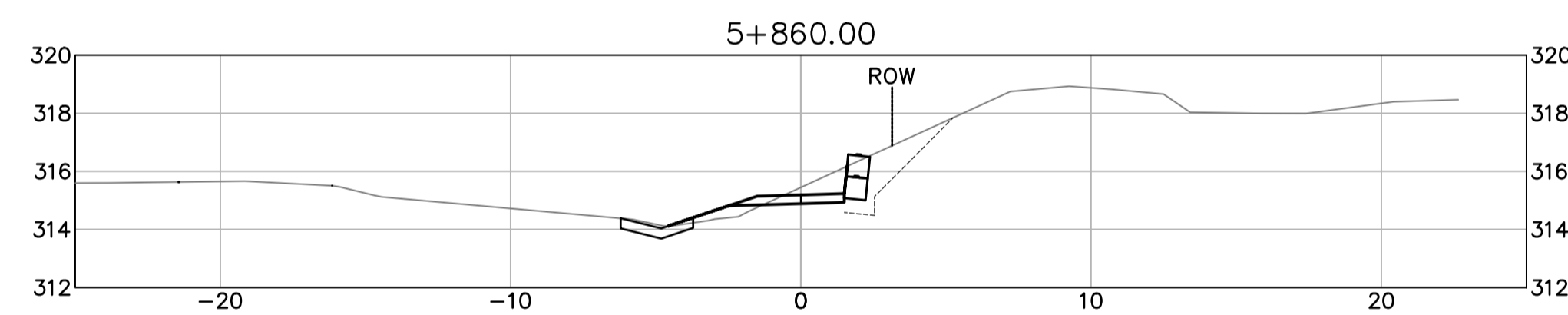
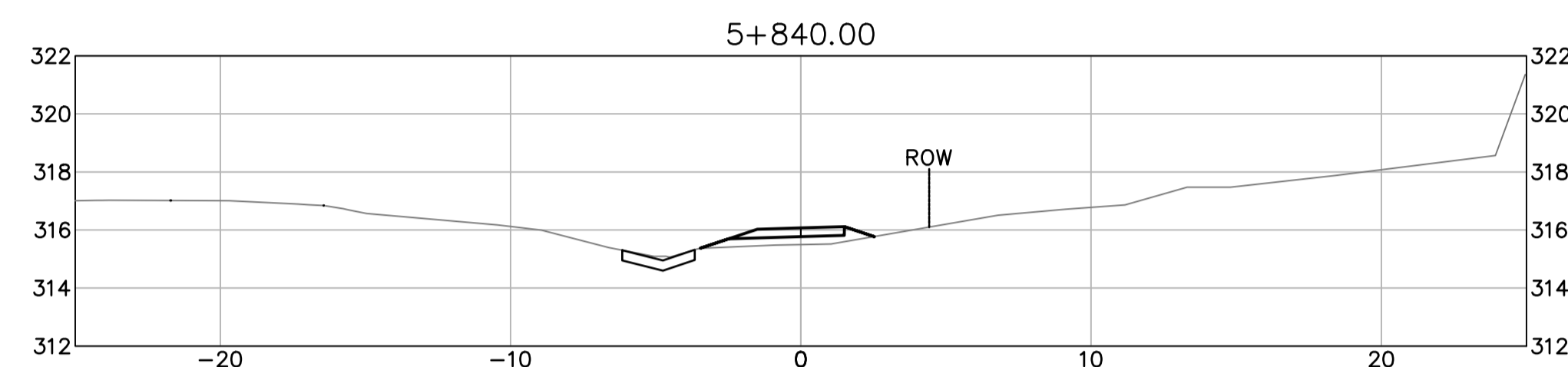
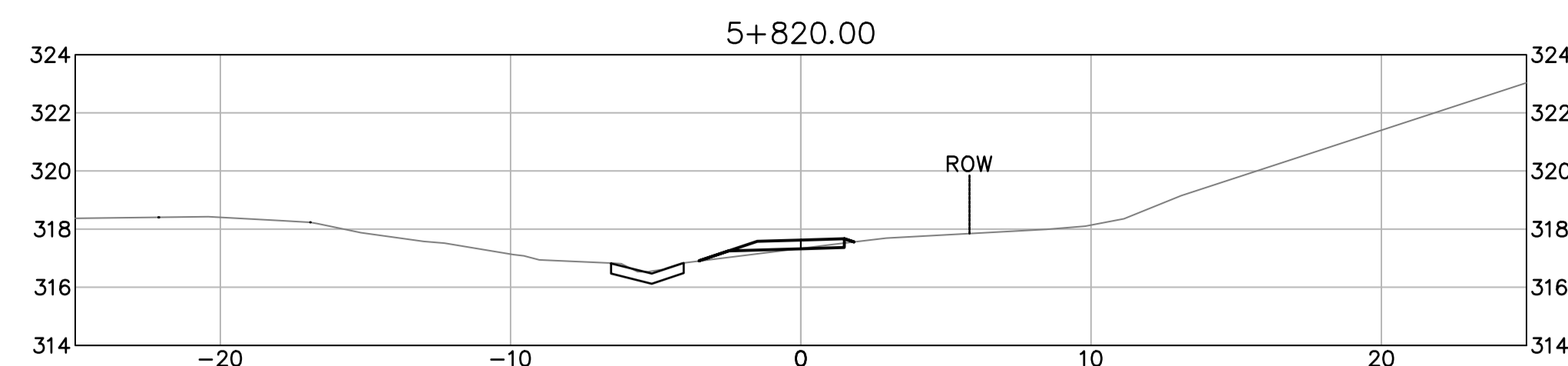
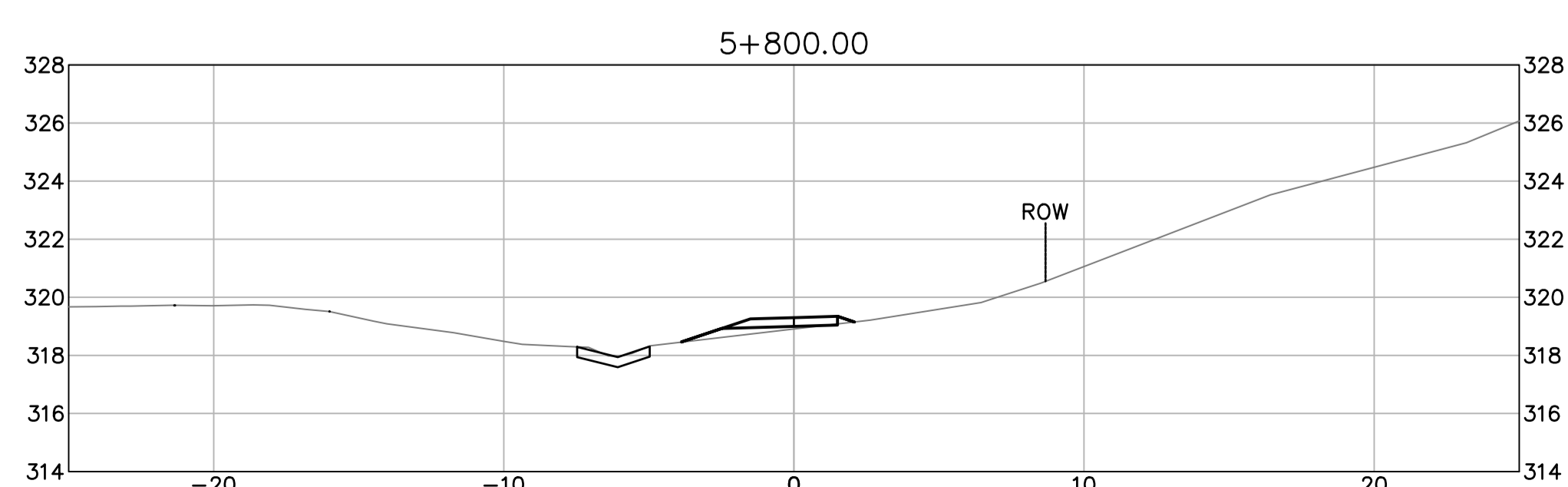
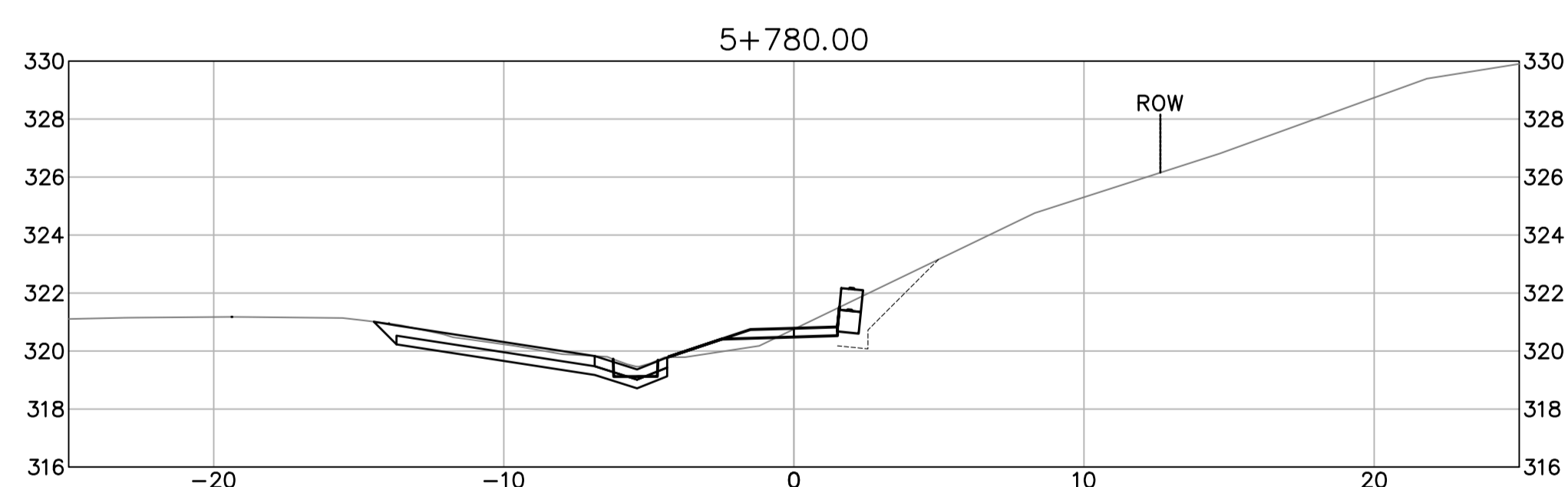
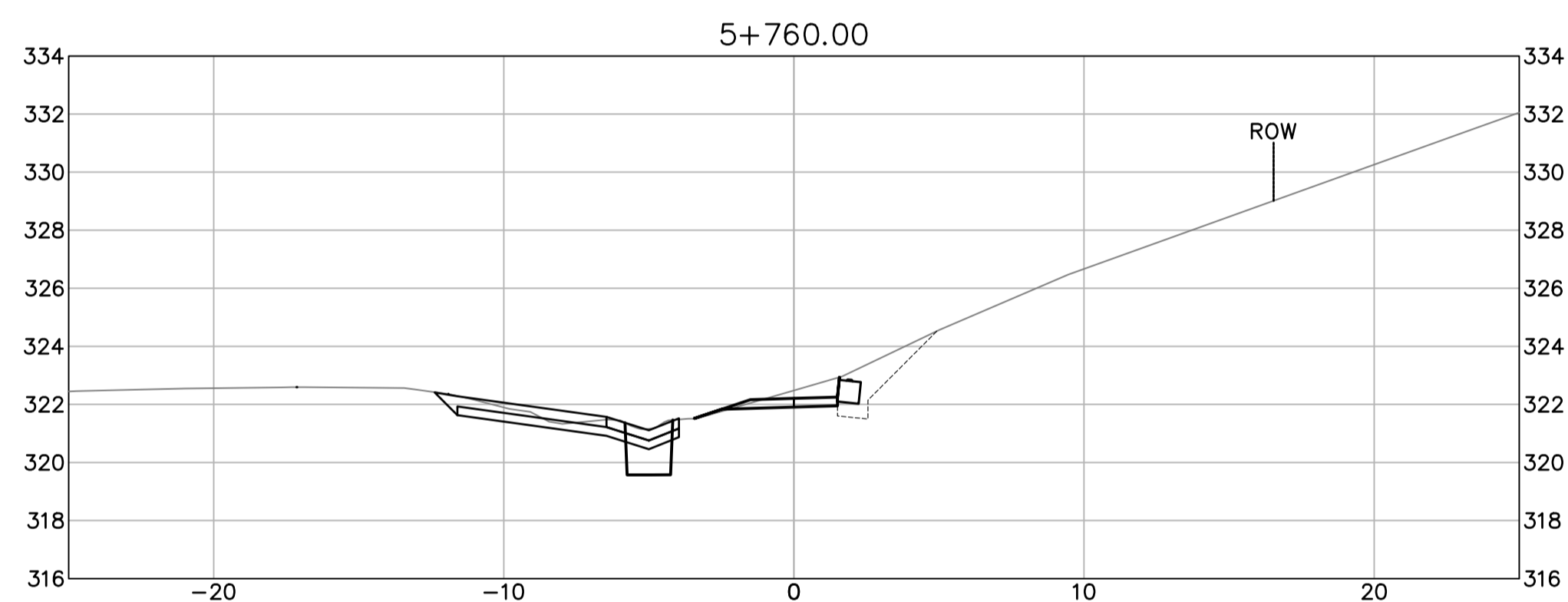
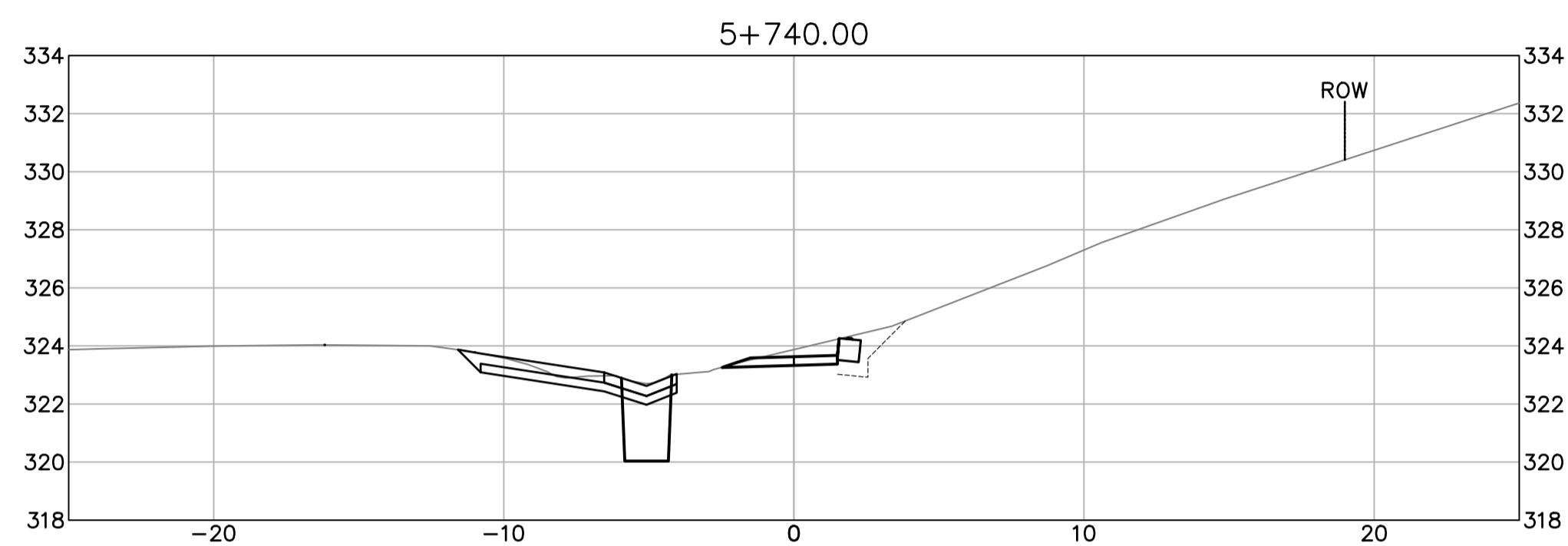
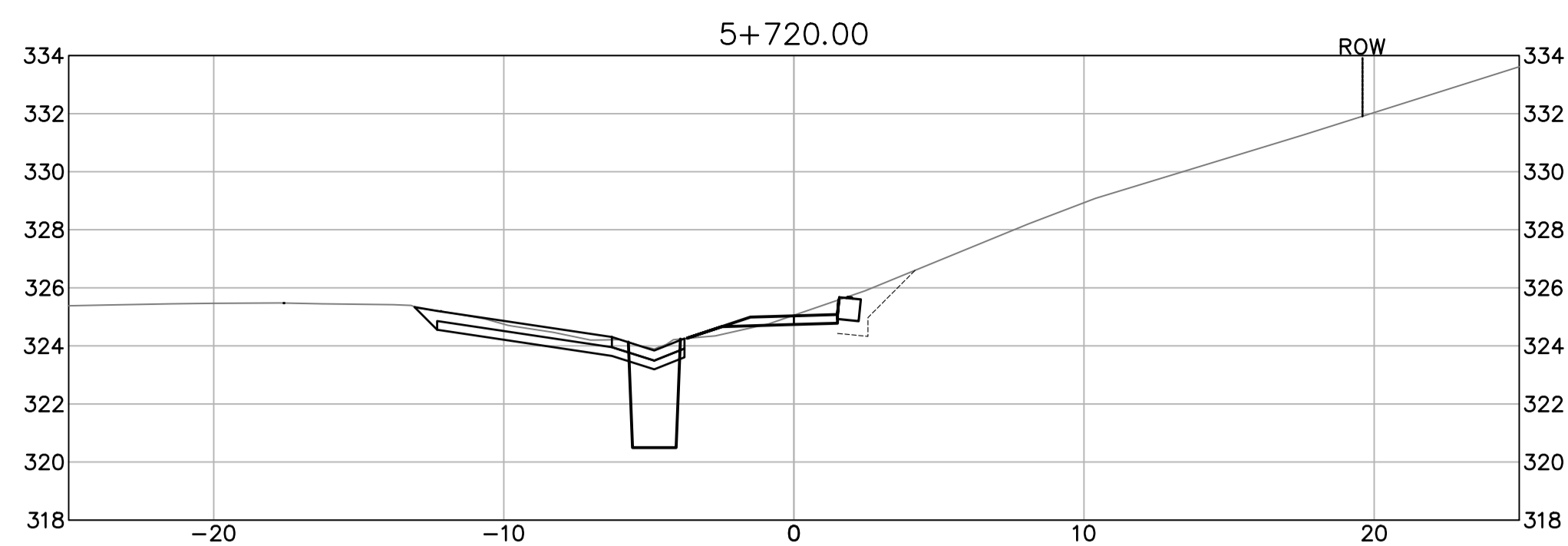
Drawn by/Dessiné par
A. DEEPWELL

PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG

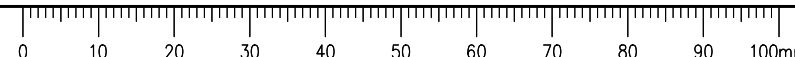
Client/client
Public Services and Procurement Canada

Drawing Title/Titre du dessin
**ATV TRAIL CROSS SECTIONS
STA. 5+720 TO STA. 5+900**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	XSEC-04	0



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ISSUED FOR TENDER

- GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDING



Revision/Édition	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client
Public Services and Procurement Canada



Project title/Titre du projet

KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concepté par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

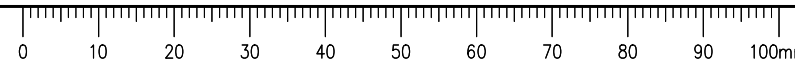
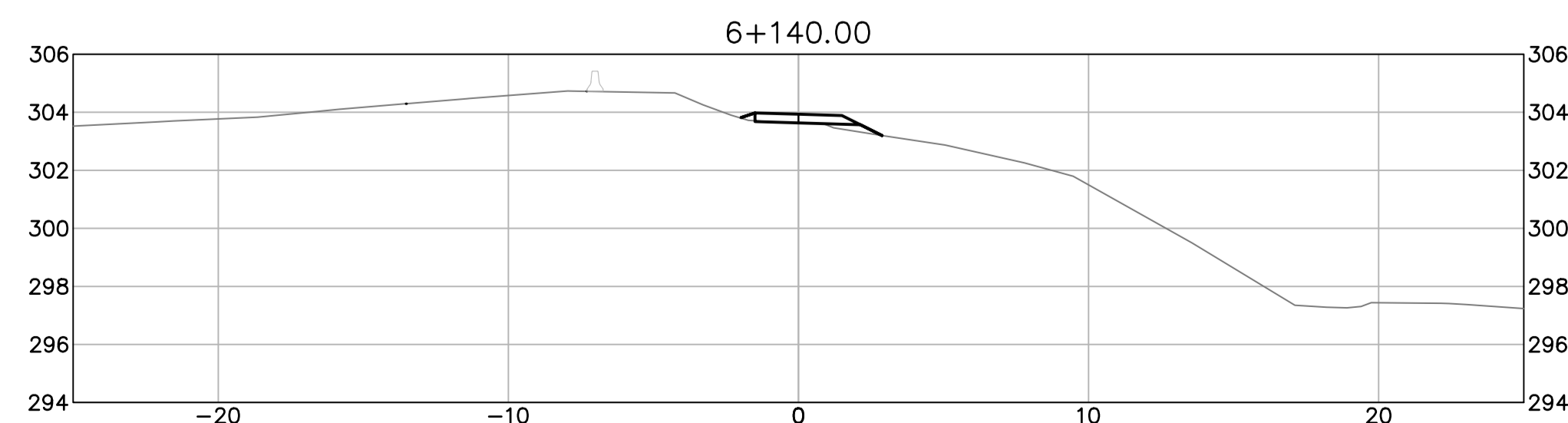
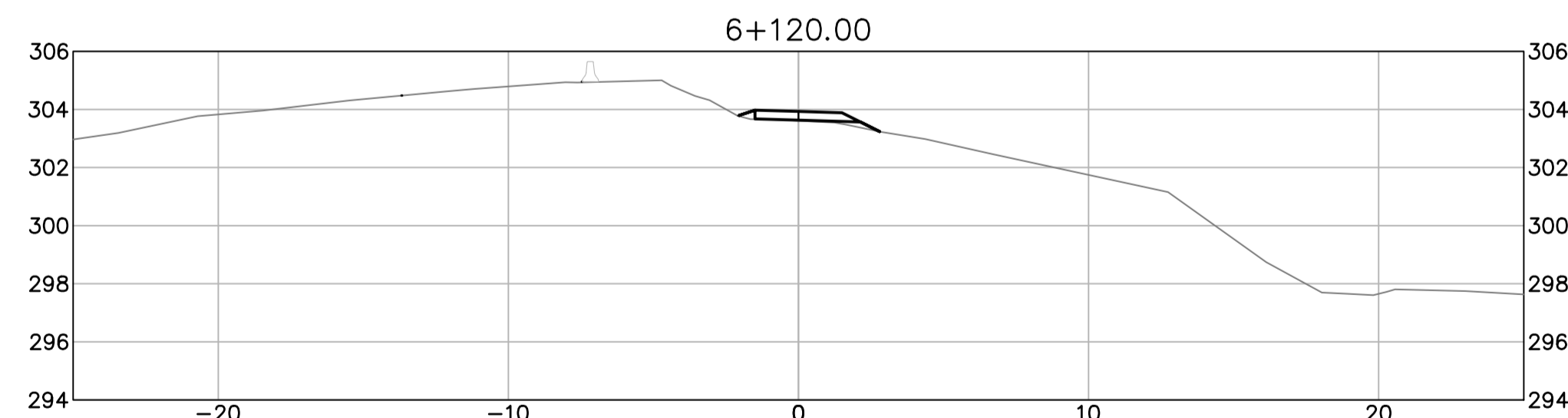
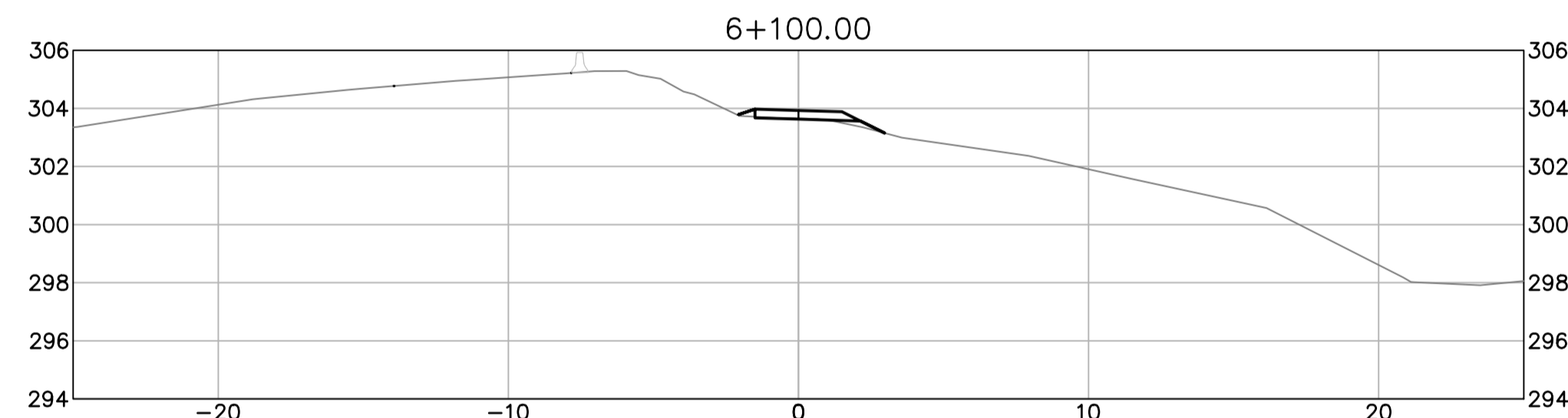
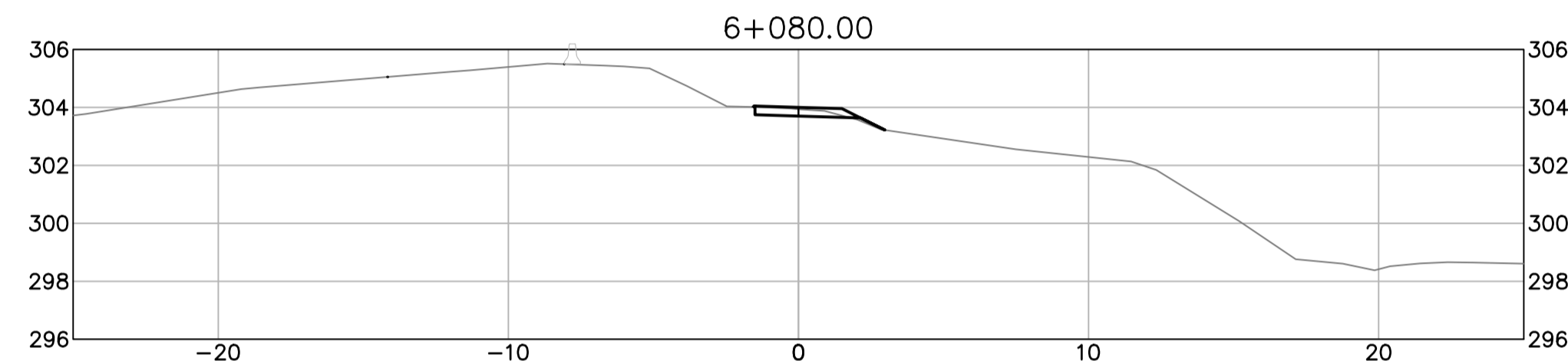
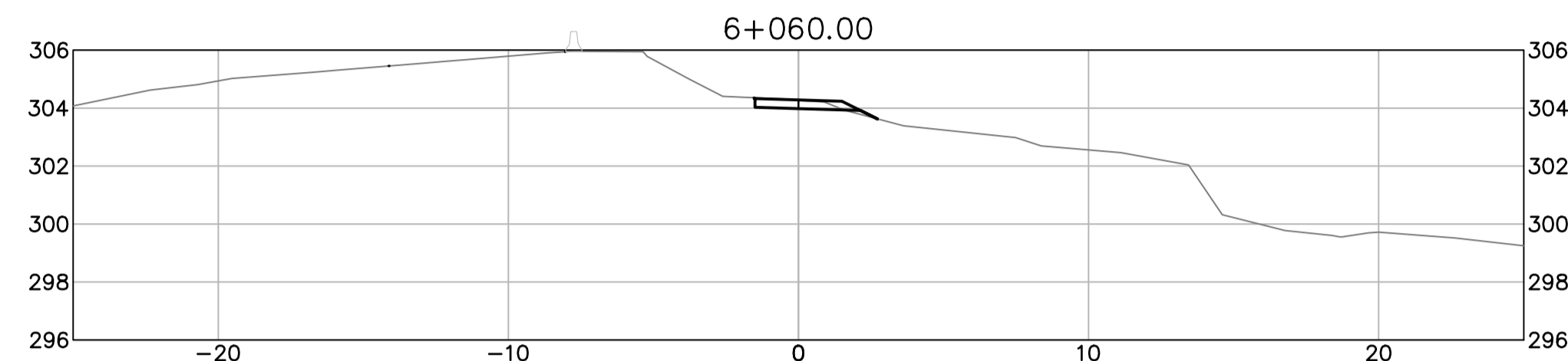
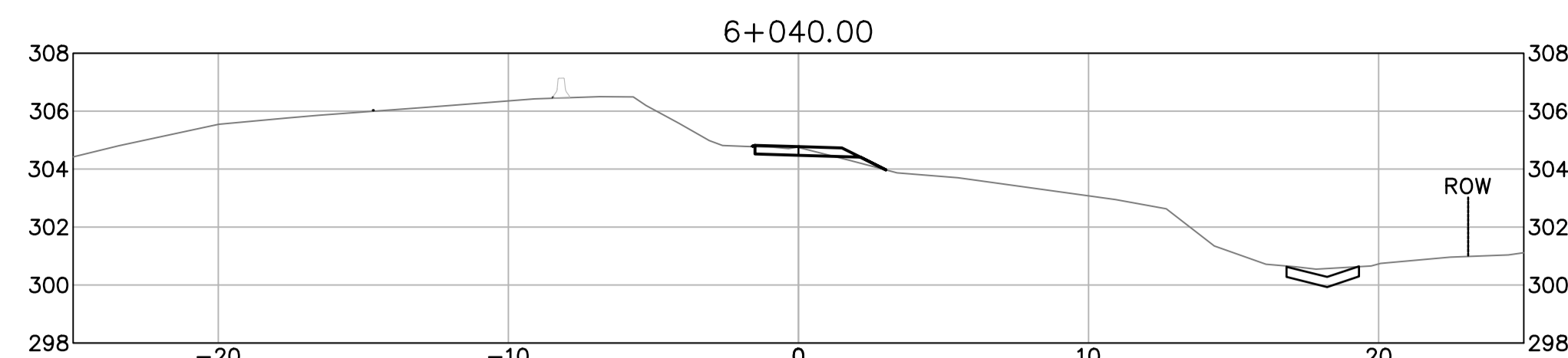
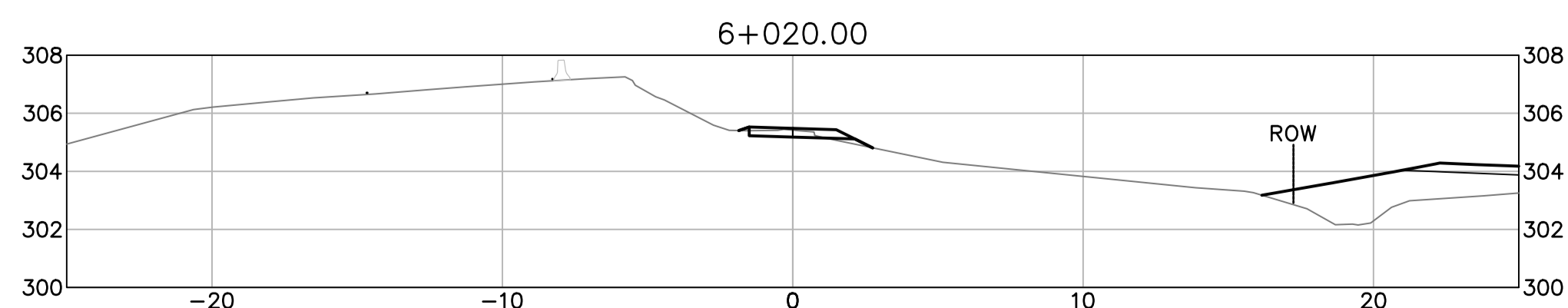
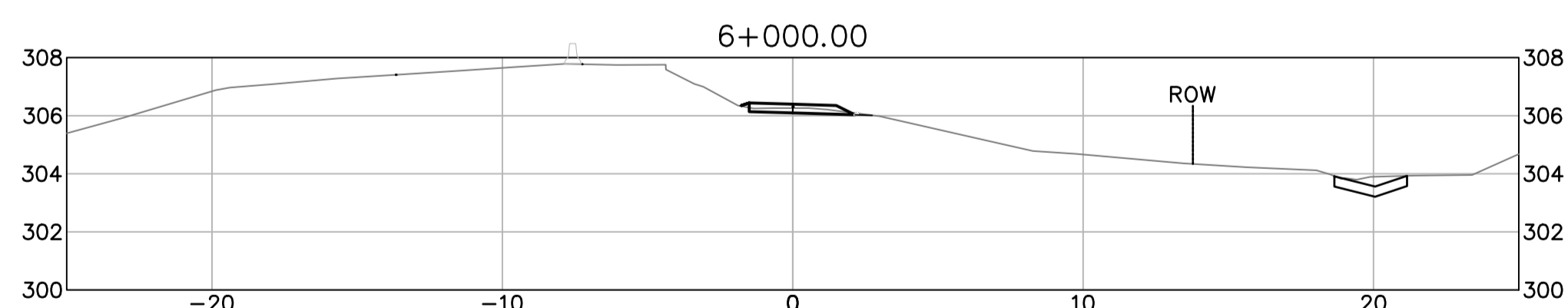
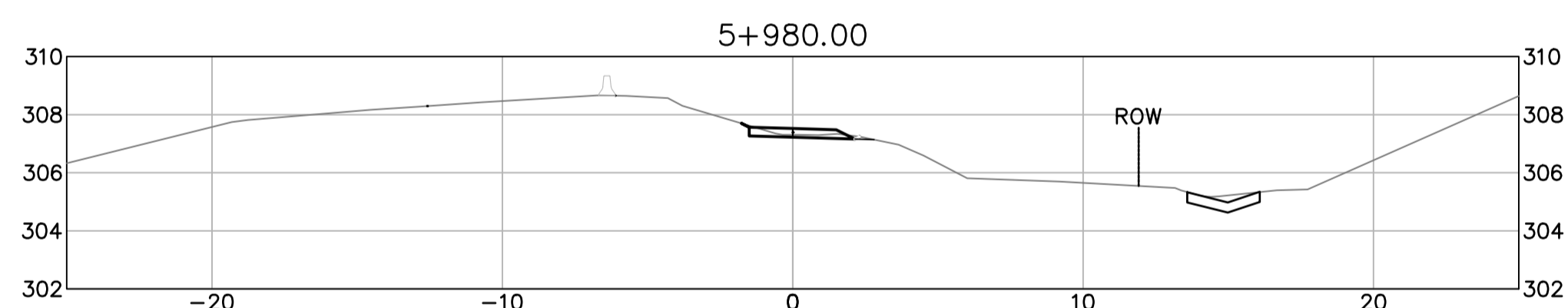
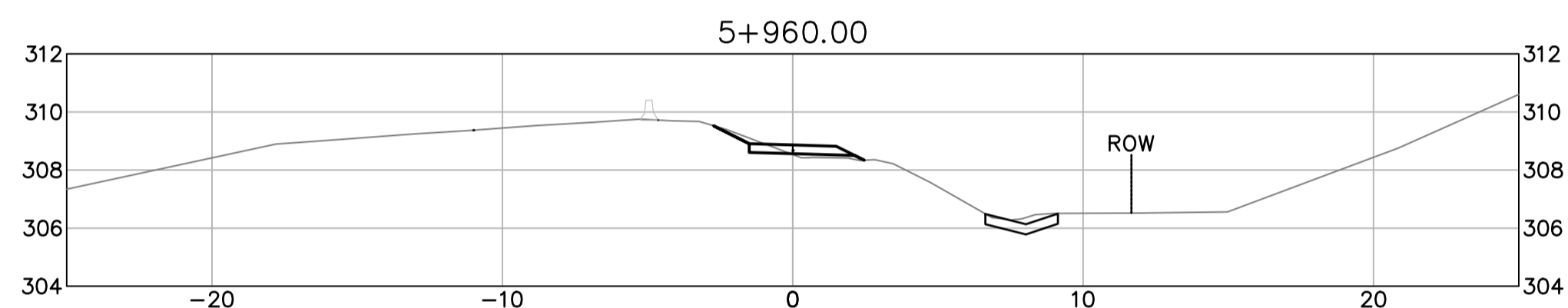
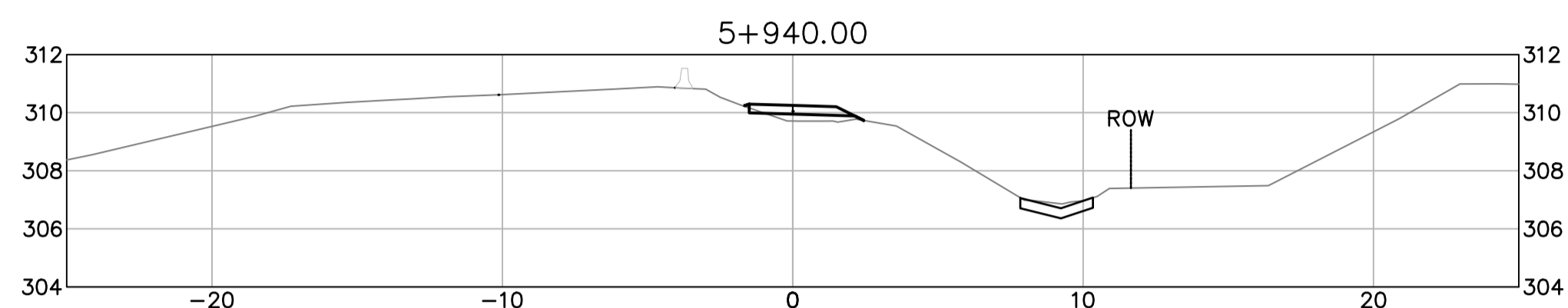
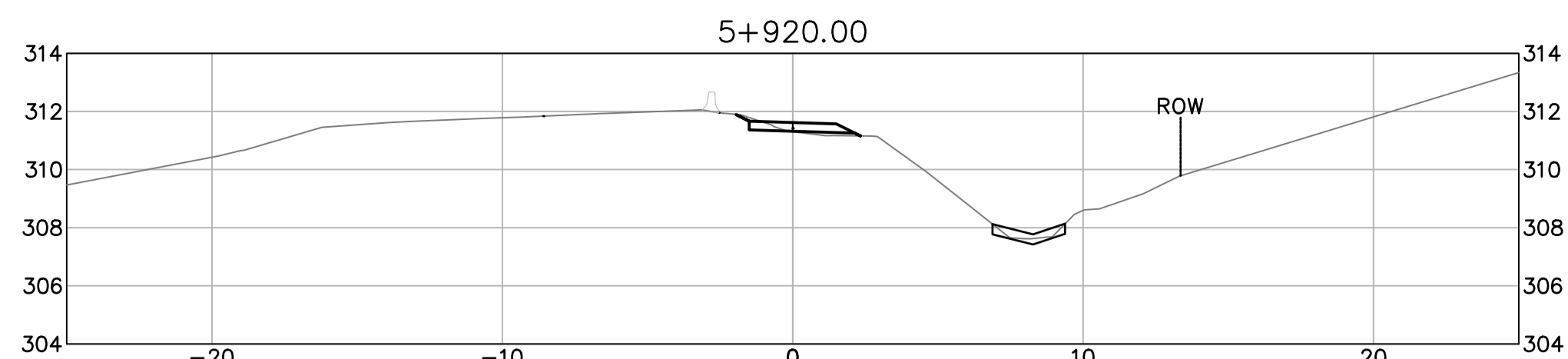
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

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

Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**ATV TRAIL CROSS SECTIONS
 STA. 5+920 TO STA. 6+140**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	XSEC-05	0



ISSUED FOR TENDER

- GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

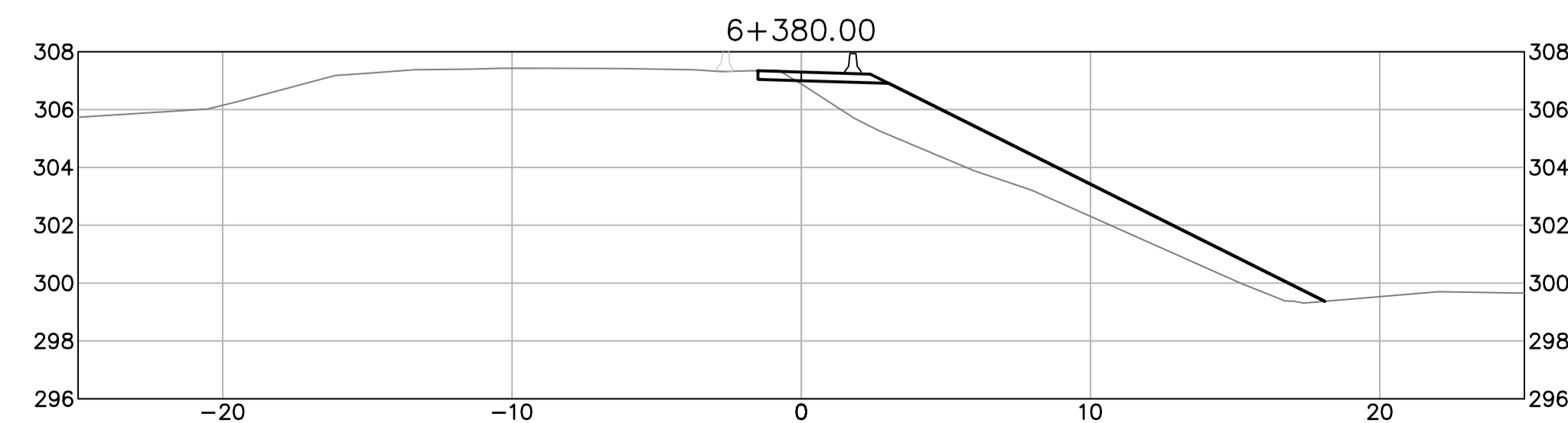
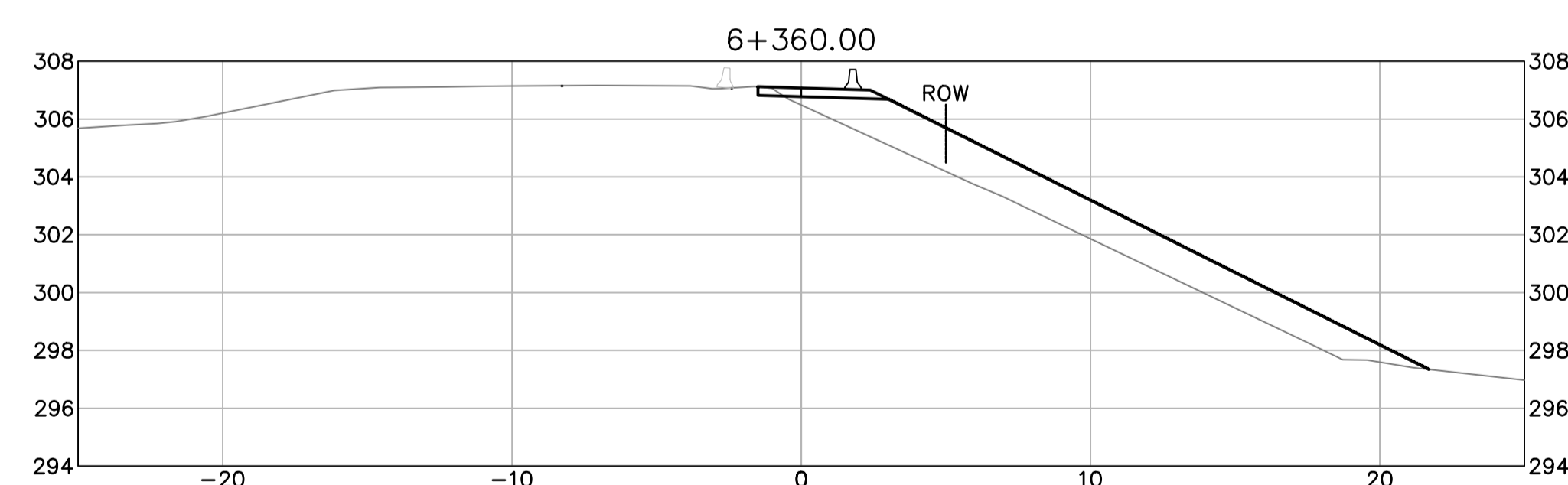
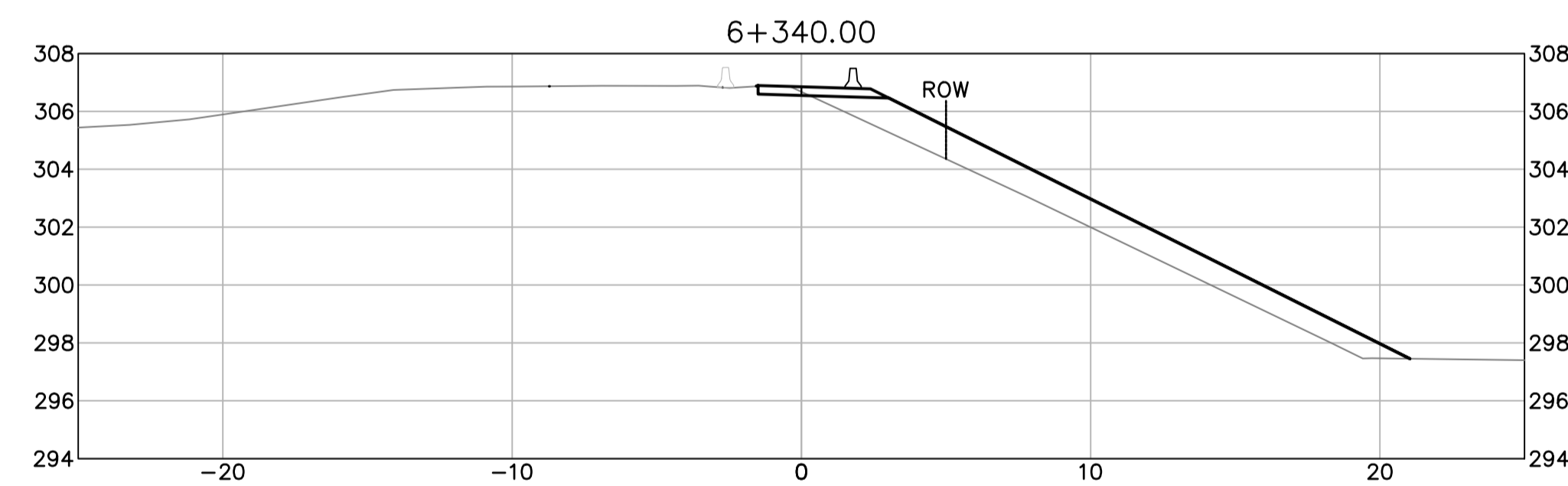
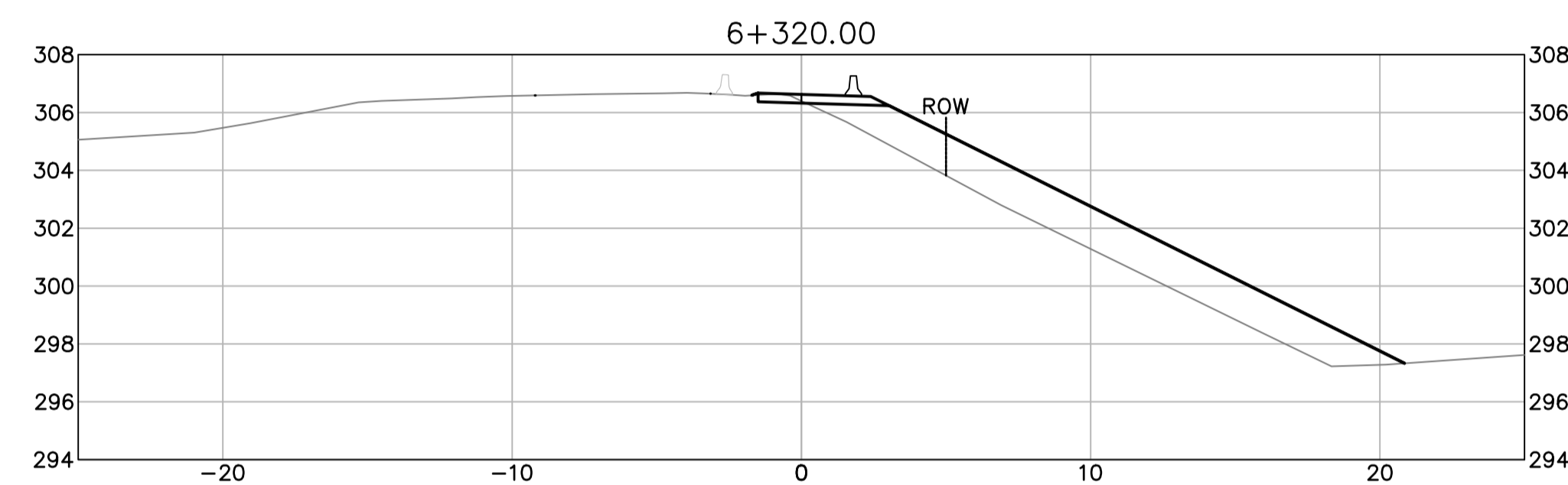
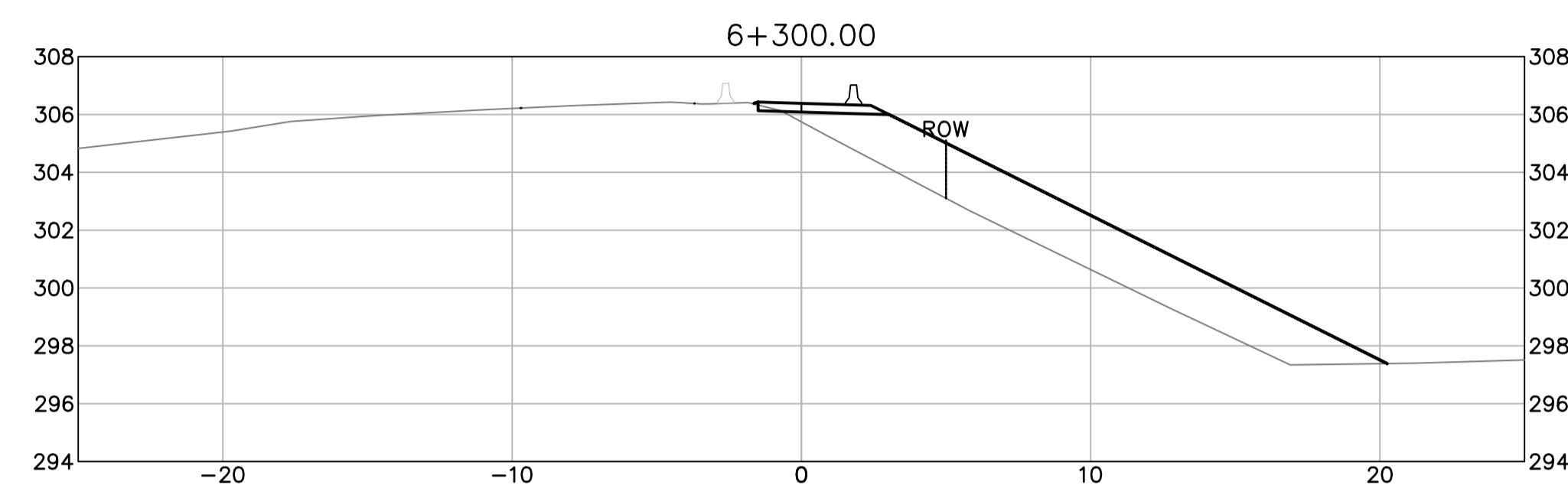
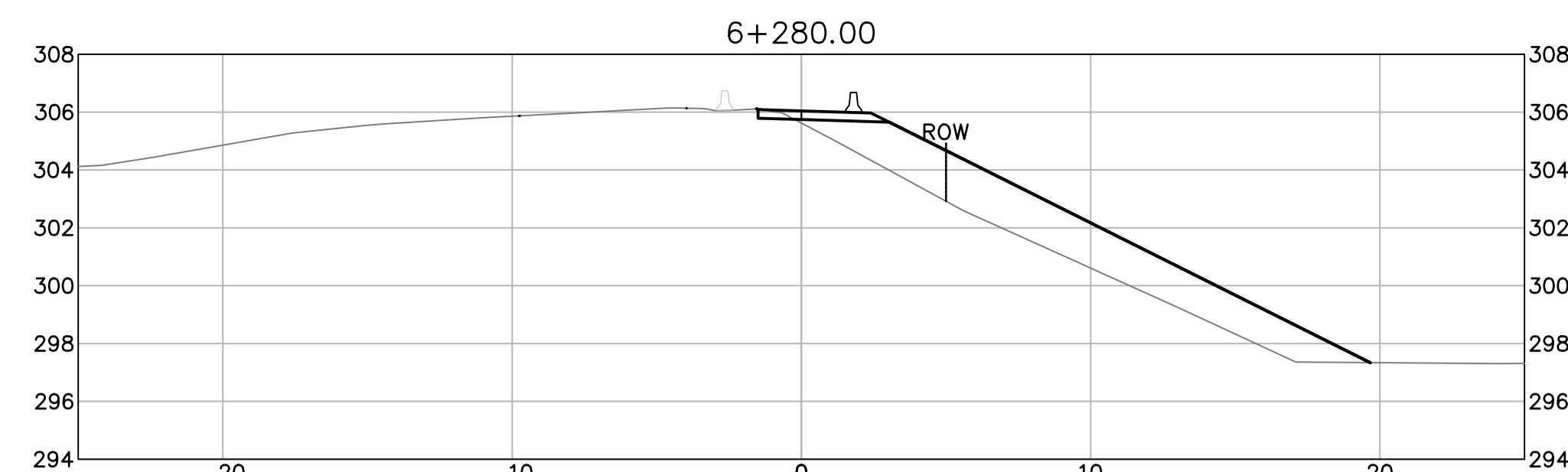
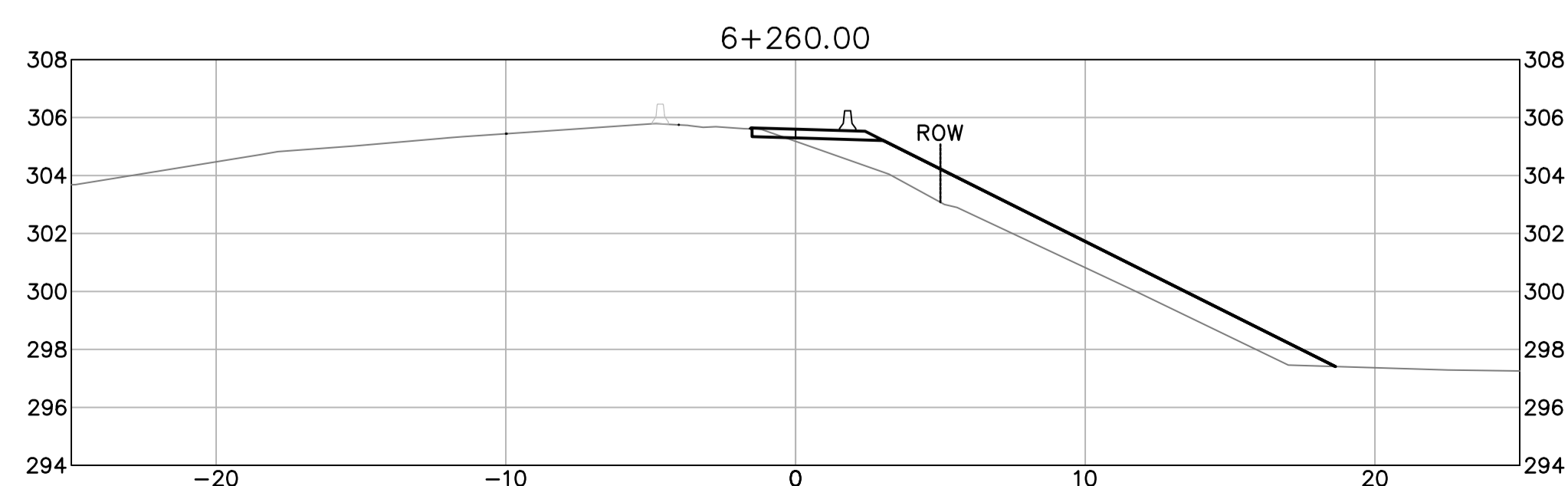
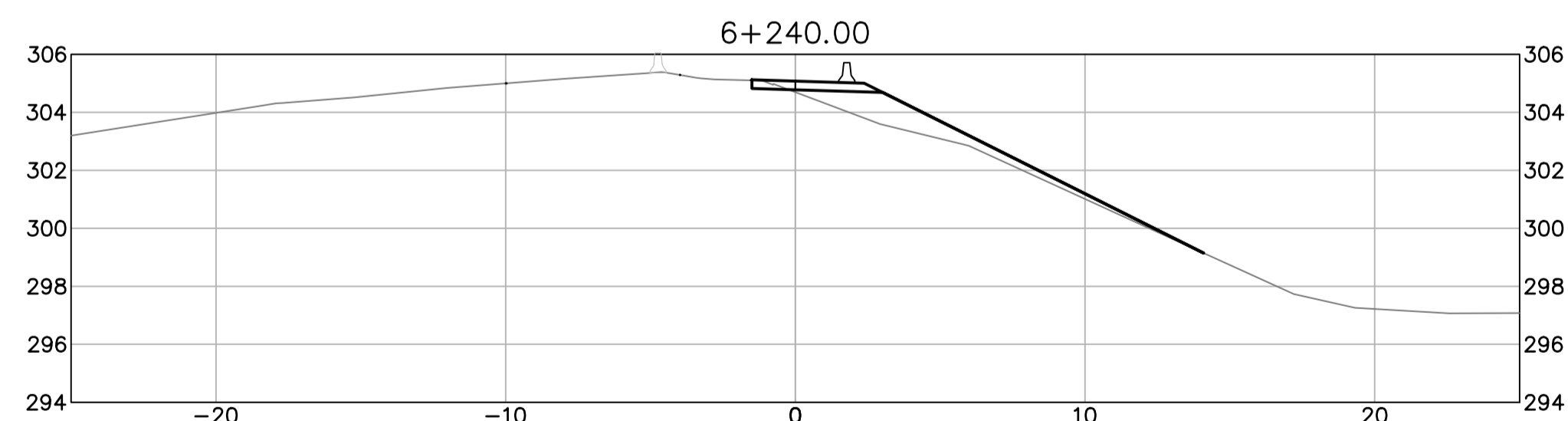
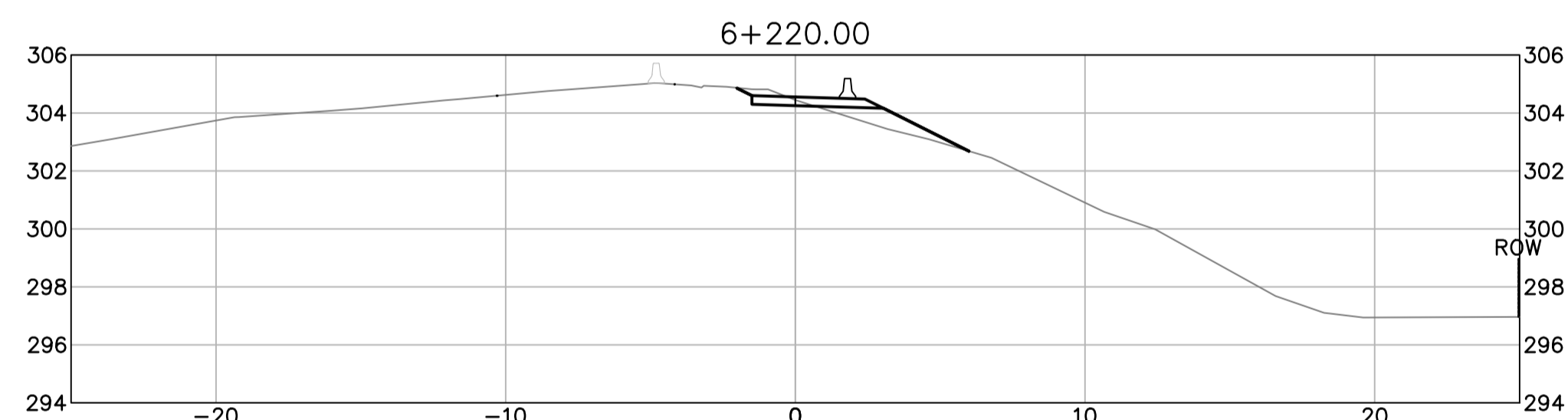
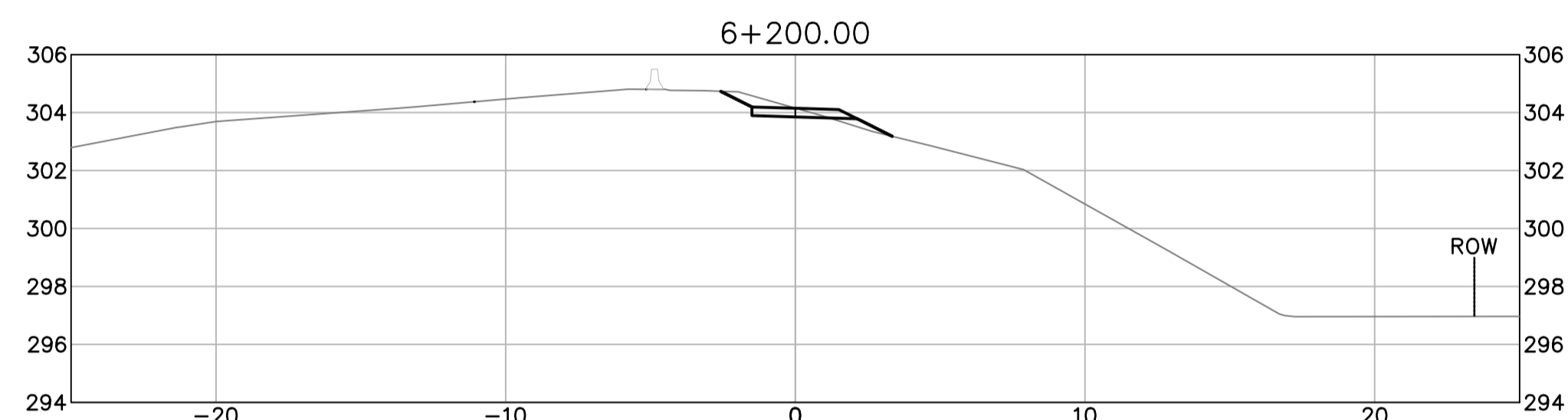
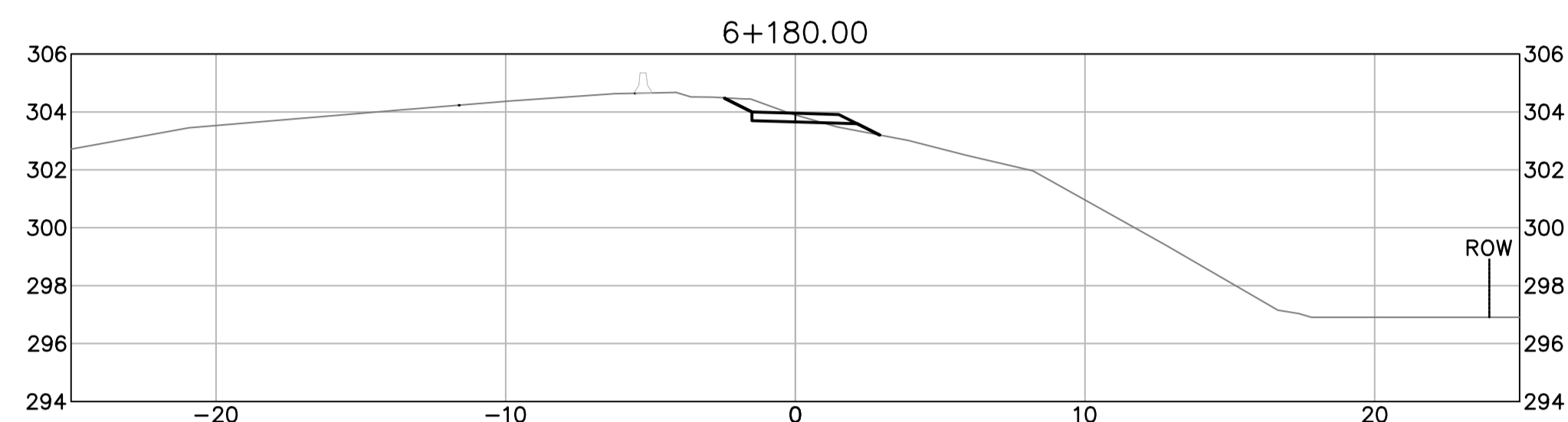
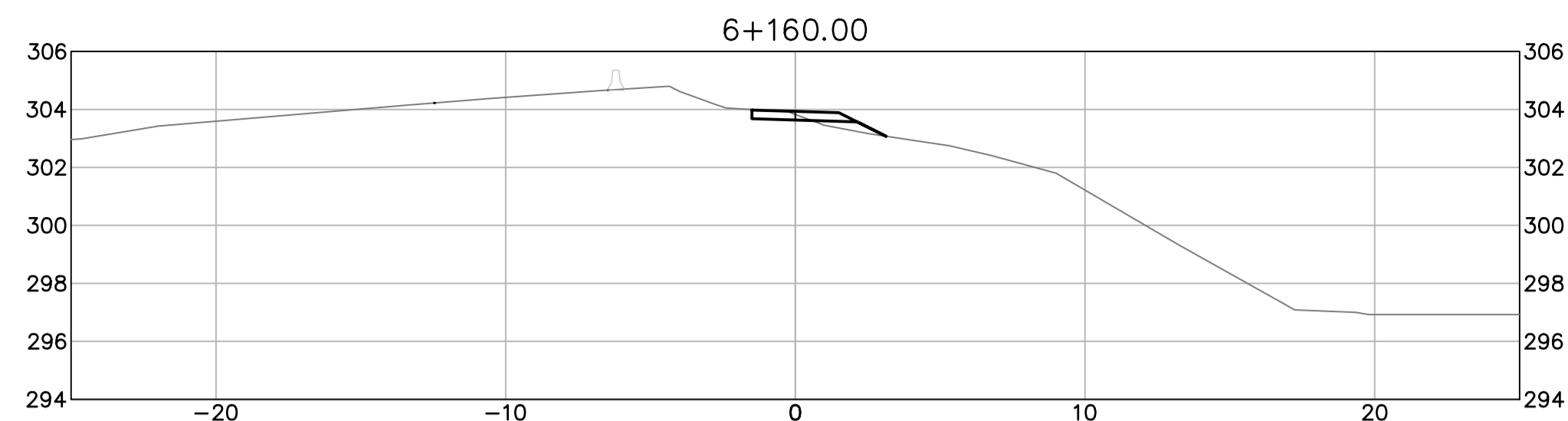
PWGSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

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

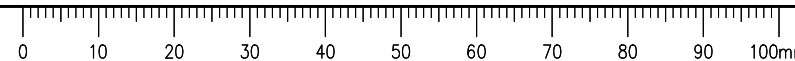
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**ATV TRAIL CROSS SECTIONS
 STA. 6+160 TO STA. 6+380**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.115165.001	XSEC-06	0



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ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 - THE LOCATIONS AND EXTENT OF INTERCEPTOR DRAIN AND SLOT DRAINS MAY BE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE DURING WORK
 - ALL DISTURBED AREAS TO BE HYDRAULIC SEED



Revision/Évaluation	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
G. WILKINS

Designed by/Concept par
A. HORWOOD / E. YANG

Drawn by/Dessiné par
A. DEEPWELL

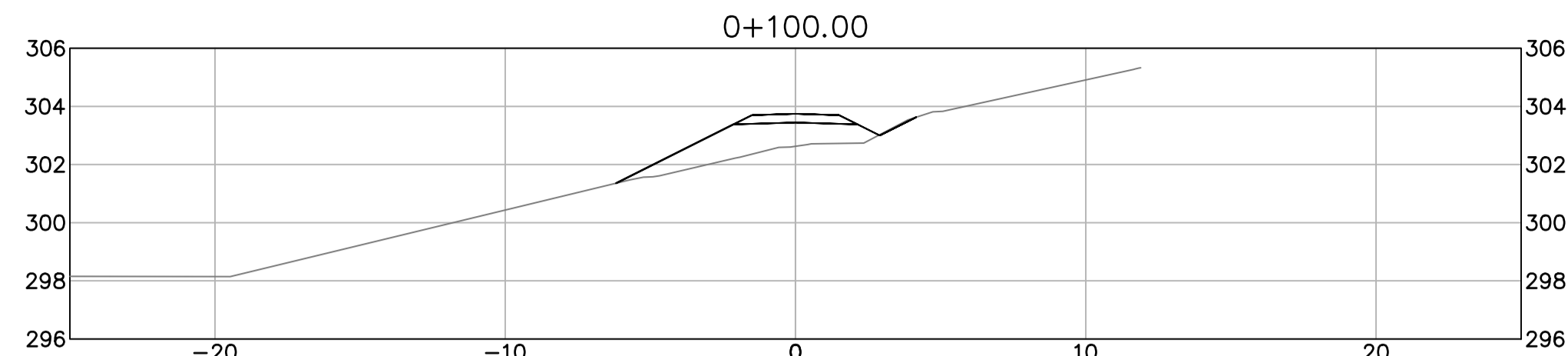
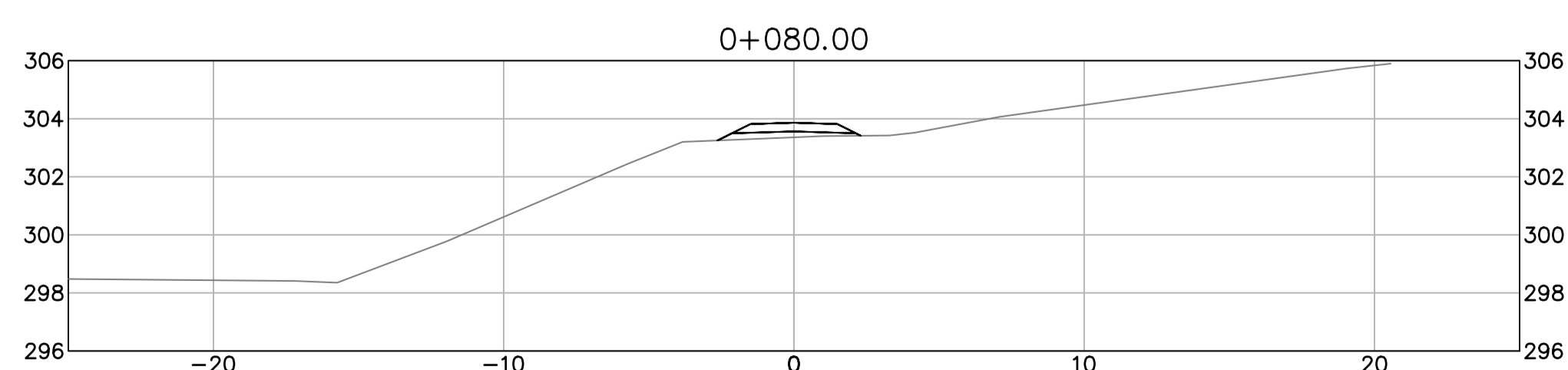
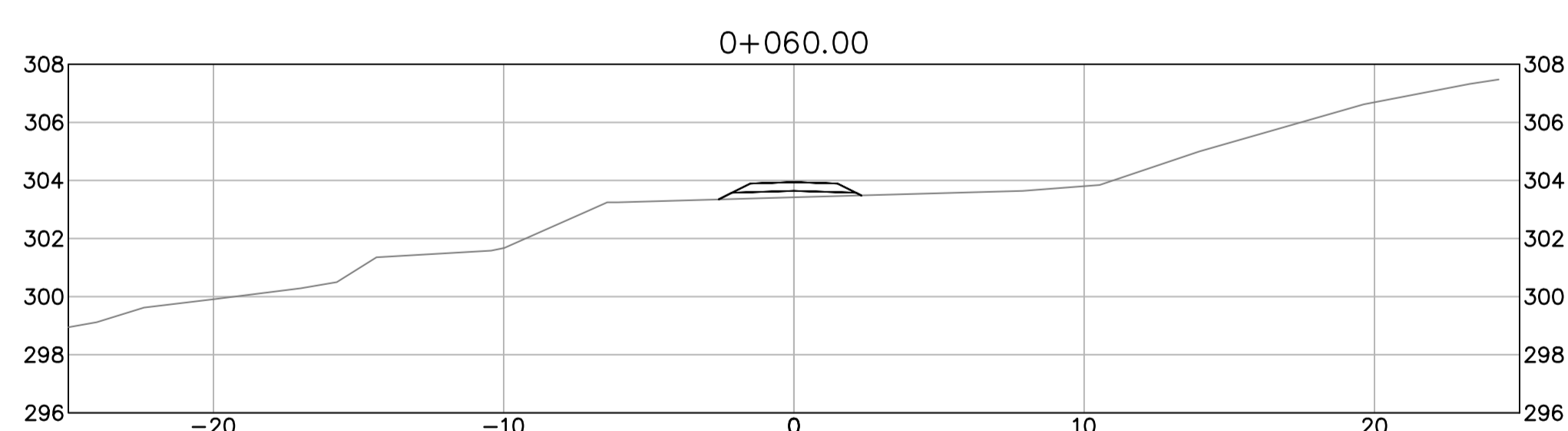
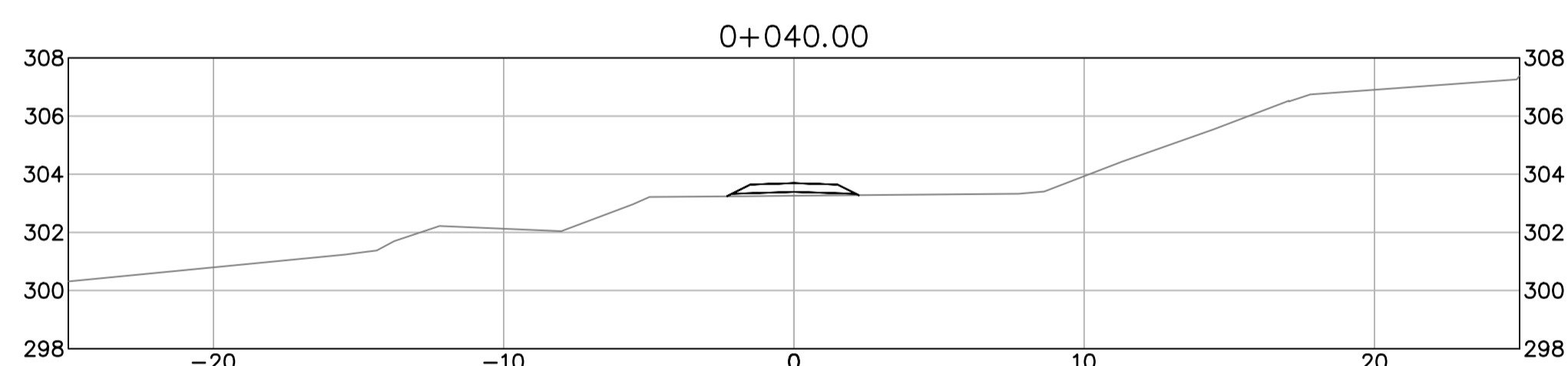
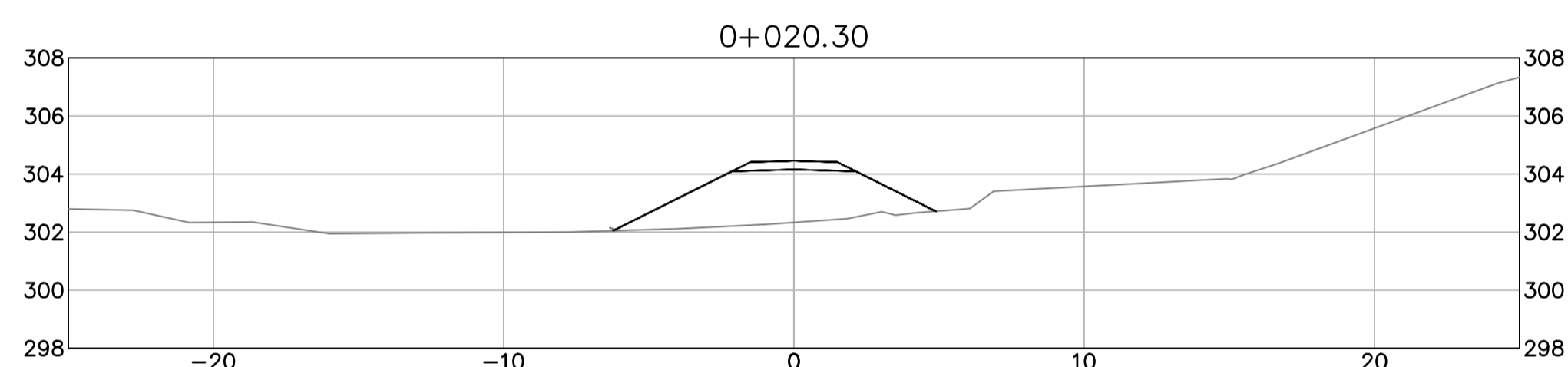
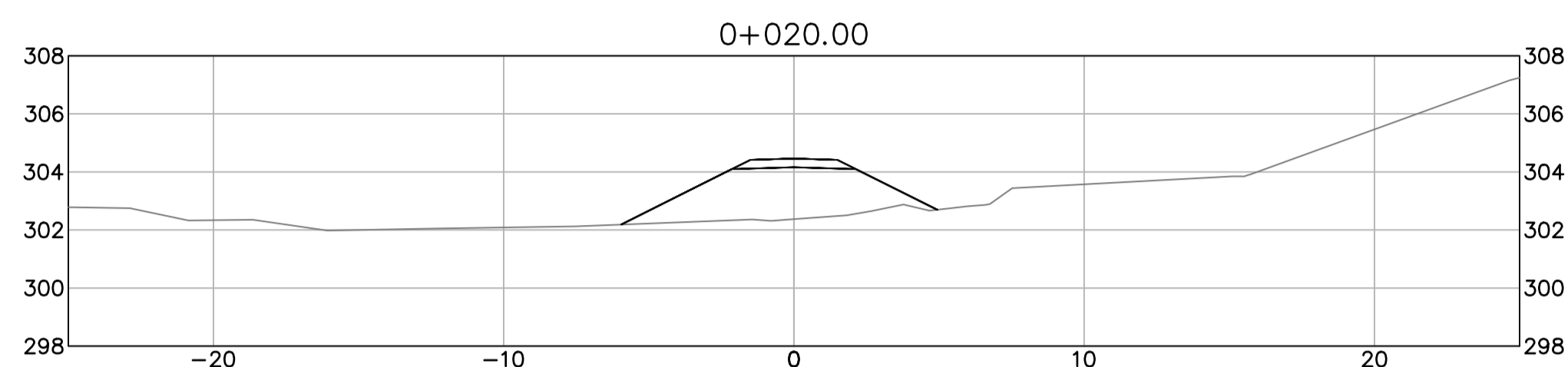
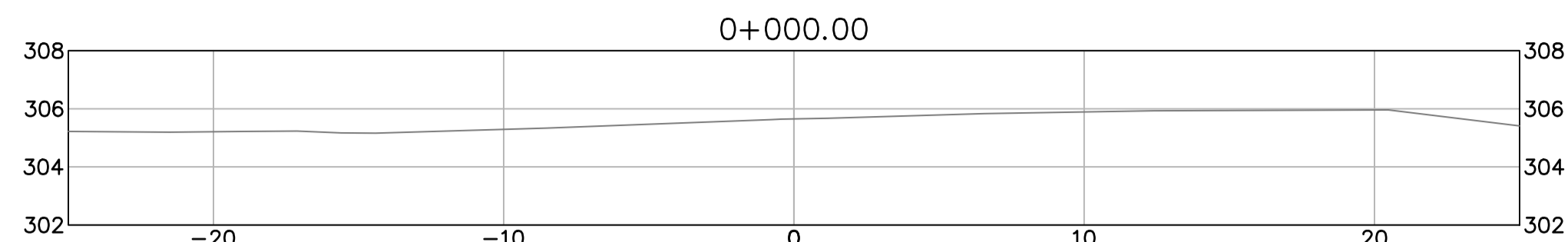
PWSC Project Manager/Administrateur de Projets TPSCG
A. TAHERI

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

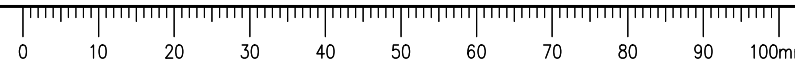
Client/client
Public Services and Procurement Canada

Drawing title/Titre du dessin
**ATV CONNECTOR TRAIL CROSS SECTIONS
STA. 0+000 TO STA. 0+100**

Project No./No. du projet R.115165.001	Sheet/Feuille XSEC-07	Revision no./La Révision no. 0
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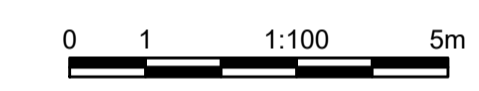


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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METERS UNLESS NOTED OTHERWISE
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 4. ALL DISTURBED AREAS TO BE HYDRAULIC SEEDING



Revision/Édité	Description/Description	Date/Date
0	ISSUED FOR TENDER	21/05/11

Client/client
Public Services and Procurement Canada



Project title/Titre du projet
KM 450.0 - 451.4 SLIDE STABILIZATION AND SAFETY IMPROVEMENTS ALASKA HIGHWAY, BC

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