



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

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

**WONOWON INTERSECTION
IMPROVEMENTS
ALASKA HIGHWAY, BC**

**ALASKA HIGHWAY
BRITISH COLUMBIA**

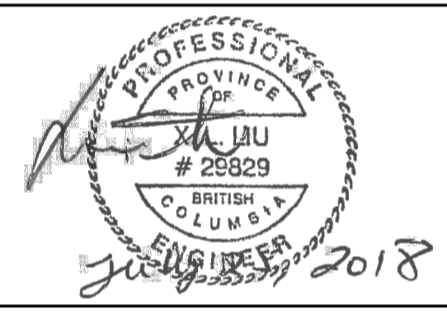


PROJECT No. R.017173.321

**ISSUED FOR TENDER
July 25, 2018**

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- GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017



H:		
V:		
0	ISSUED FOR TENDER	18/07/25
Revision/Revisión	Description/Description	Date/Date
Client/Client		

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

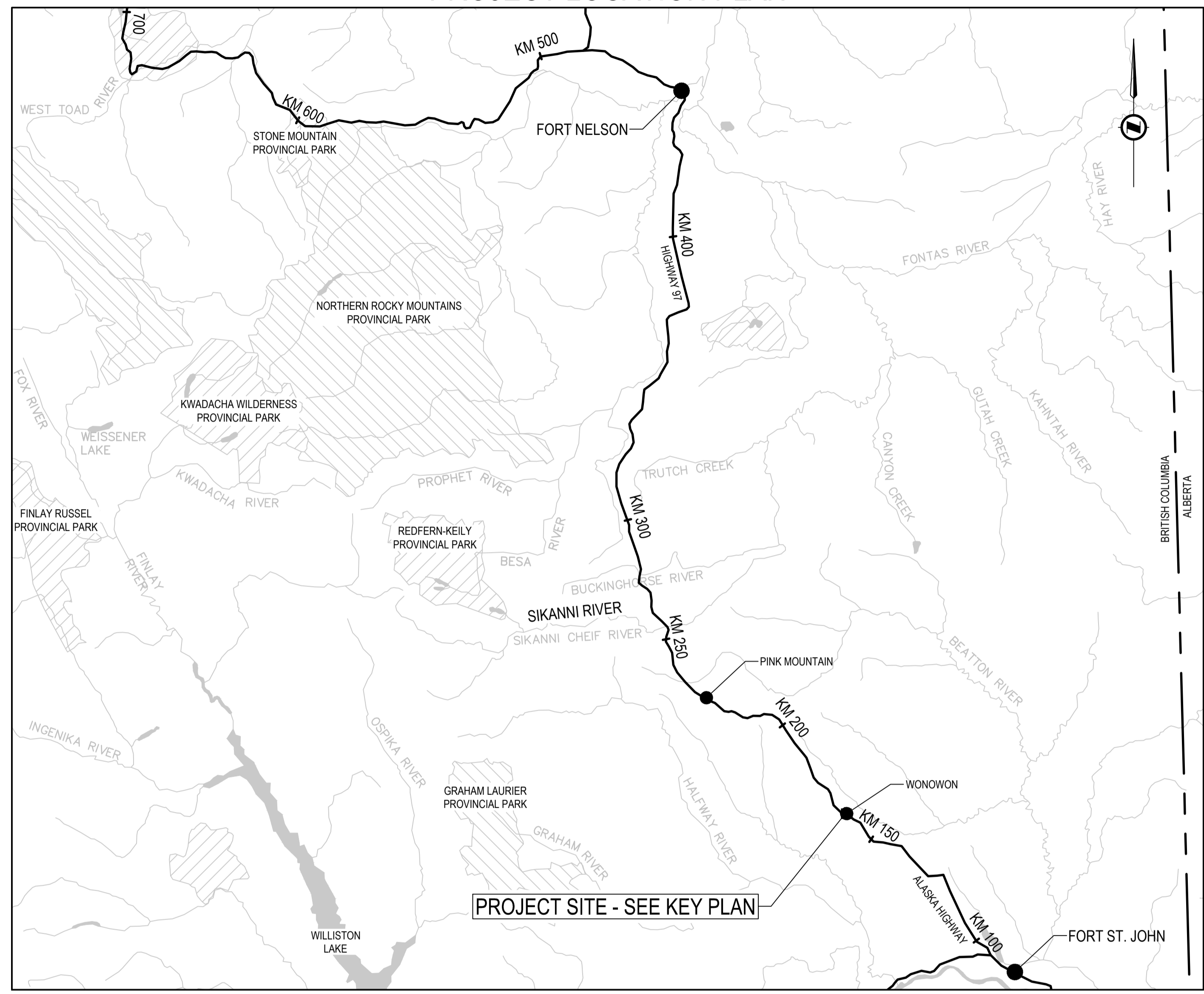
Approved by/Approve par
R.LIU
 Designed by/Concept par
E.YANG
 Drawn by/Dessine par
E.WILLIAMS
 PWSC Project Manager/Administrateur de Projets TPSCG
V.WONG
 PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/Client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

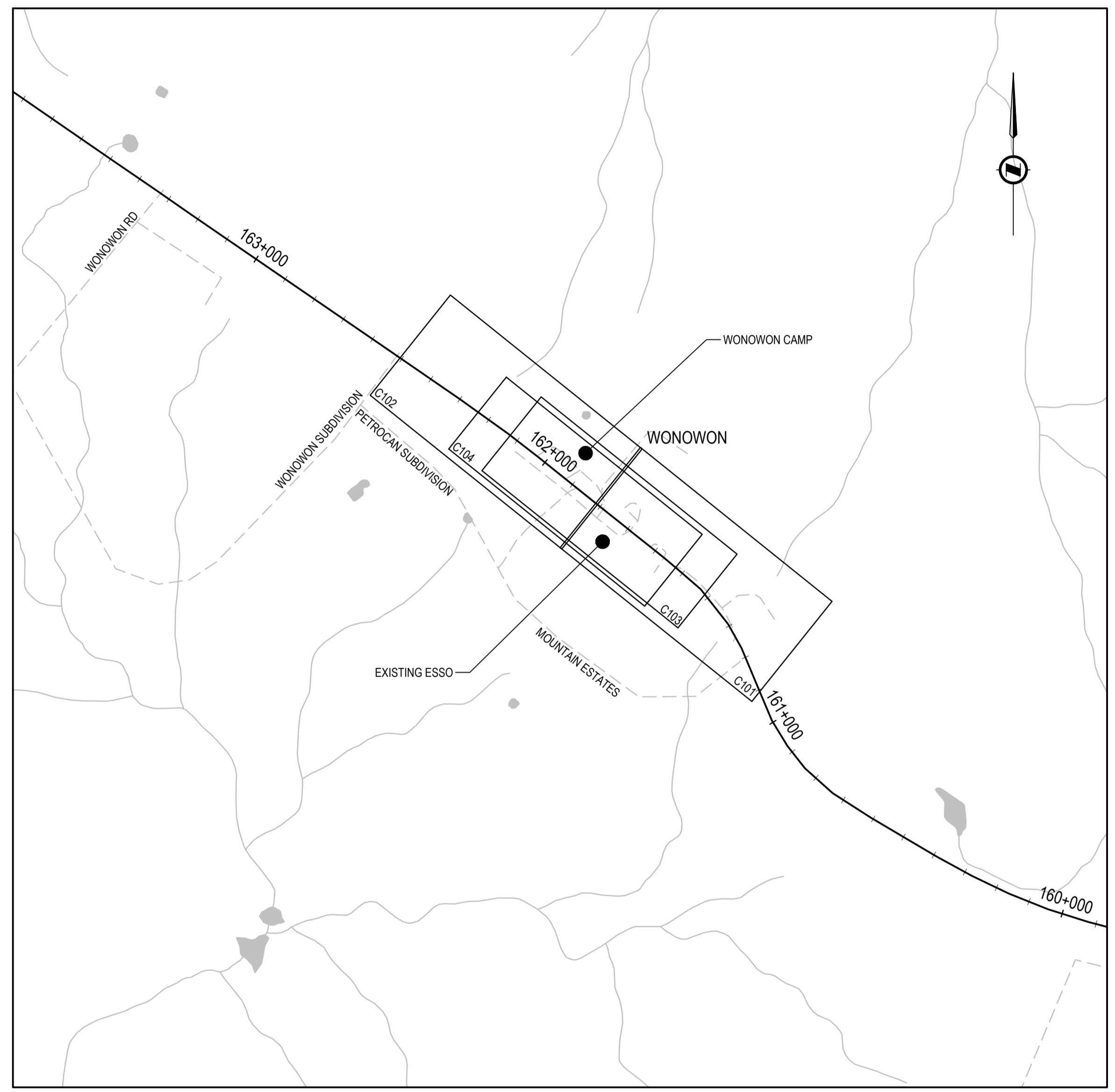
Drawing title/Titre du dessin
PROJECT LOCATION PLAN, KEY PLAN, DRAWING INDEX

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C001	0
	OF	

PROJECT LOCATION PLAN



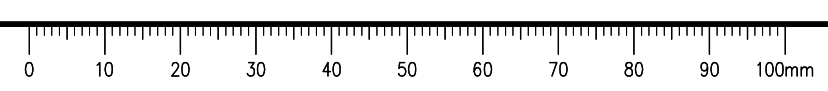
PROJECT KEY PLAN



DRAWING INDEX

DRAWING	DESCRIPTION
ROADWORKS:	
C000	COVER PAGE
C001	PROJECT LOCATION PLAN, KEY PLAN, DRAWING INDEX
C002	LEGEND AND CONTROL MONUMENT LOCATIONS
C101 - C104	PLAN AND PROFILE
C201 - C204	GEOMETRICS & LANING, SIGNING & PAVEMENT MARKINGS
C301 - C304	TYPICAL SECTIONS & DETAILS
C401	SPOT ELEVATIONS
C501 - C506	CROSS SECTIONS
C601	MASS HAUL DIAGRAM
ELECTRICAL:	
TE-11027-1	LIGHTING REVISIONS SITE PLAN - NOTES
TE-11027-2	LIGHTING REVISIONS ELEVATIONS - WIRING DIAGRAM

I:\Local\Legacy\Vanouver\Transportation\TRN\VHMV\Projects\TRN\VHMV\03092 Alaska Hwy Wonowon Buckinghorse Intersection\40 - CADD\C000-002 COVER & KEY PLAN.dwg [C001] July 25, 2018 - 3:26:18 pm (BY: WILLIAMS, ETHAN)



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LEGEND

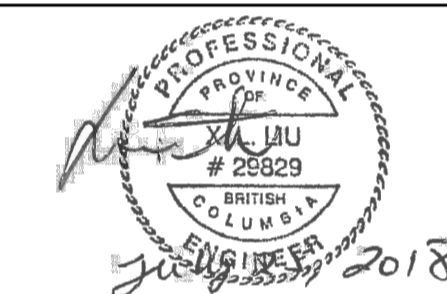
LINETYPE (EXISTING)	LINETYPE (PROPOSED)
EDGE OF PAVEMENT	EDGE OF PAVEMENT
CENTERLINE	CONTROL LINE
FOG LINE	BARRIERS
EDGE OF SHOULDER /GRAVEL ROAD	EDGE OF SHOULDER /GRAVEL ROAD
FIBER OPTIC CABLE	DITCH
DITCH	TOE LINE
TREELINE	
FENCE	
POWERLINE	
RIGHT OF WAY	
CULVERT	CULVERT
CONTROL MONUMENT	SINGLE POST SIGN
SINGLE POST SIGN	LUMINAIRE
LUMINAIRE	

SURVEY CONTROL POINTS

POINT	EASTING	NORTHING	ELEVATION	DESCRIPTION
99	573,066.372	6,287,673.073	926.574	SPK
10149	573,284.181	6,287,624.102	918.997	MON
10227	572,531.455	6,288,103.568	923.210	OIP
10231	572,533.877	6,288,212.973	922.161	MON
101713	573,086.592	6,287,668.970	925.944	MON

NOTES:

- ELEVATIONS ARE GEODETIC AND DERIVED FROM DUAL FREQUENCY CARRIER PHASE GPS. OBSERVATIONS PROCESSED USING PWGSC CONTROL MONUMENTS AND PPP
- CONTROL POINT DATUM: NAD83
CONTROL POINT VERTICAL DATUM: CGVD 28
CONTROL POINT PROJECTION: UTM ZONE 10



H:
V:

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Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

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R.LIU

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E.YANG

Drawn by/Dessine par
E.WILLIAMS

PWGSC Project Manager/Administrateur de Projets TPSCG
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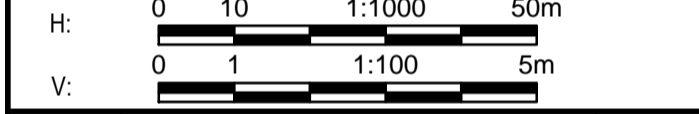
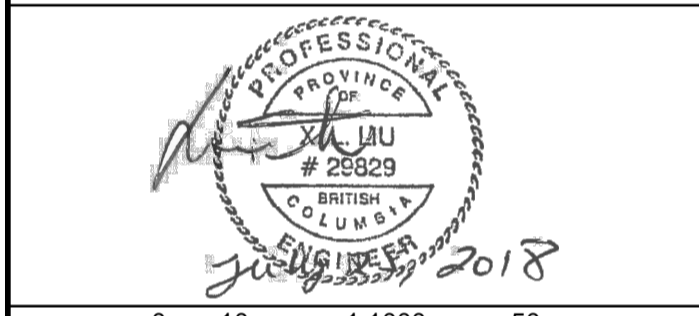
Drawing title/Titre du dessin
LEGEND AND CONTROL MONUMENT LOCATIONS

Project No./No. du projet R.017173.321	Sheet/Fauille C002 OF	Revision no./La Révision no. 0
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LEGEND
 BC = BEGINNING OF CURVE
 EC = END OF CURVE
 TS = TANGENT TO SPIRAL POINT
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PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



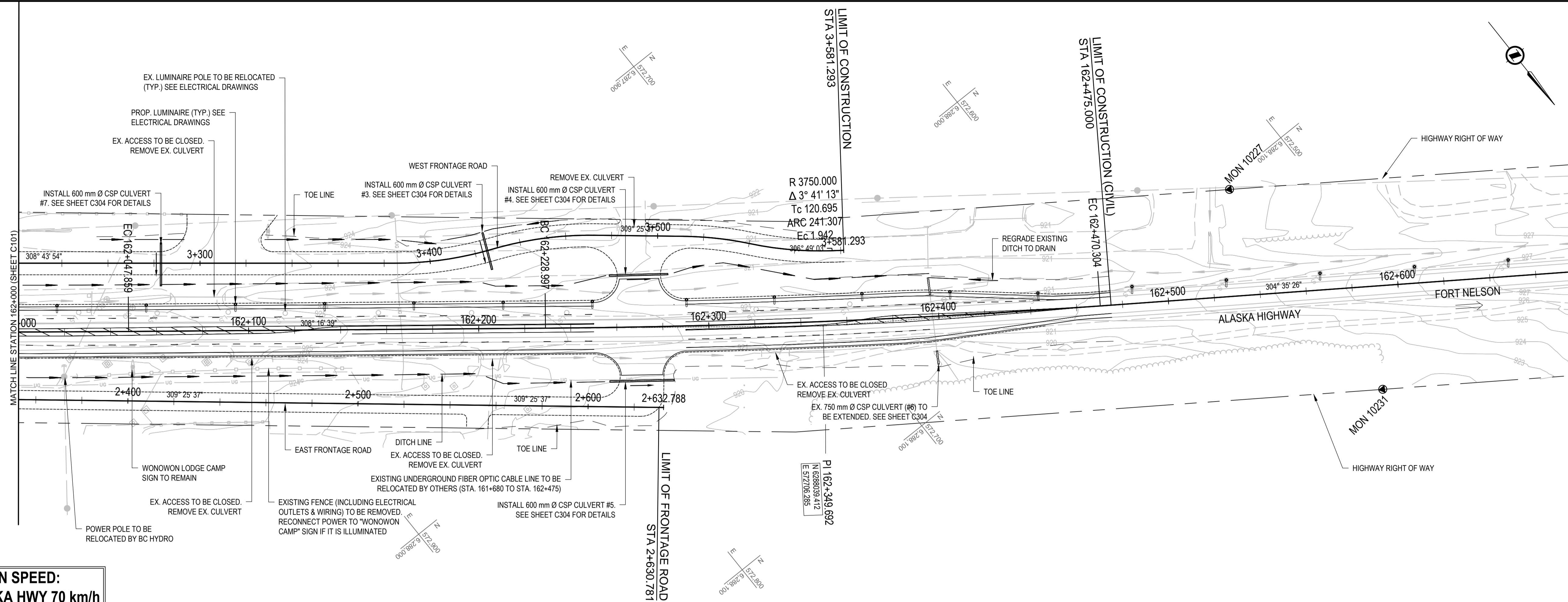
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PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
PLAN AND PROFILE ALASKA HIGHWAY STA. 162+000 TO STA. 162+475.000

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C102	0
	OF	



NOTES:
 1. WHERE EXISTING ACCESS IS CLOSED, REMOVE CULVERT (IF ANY), CONSTRUCT DITCH, PLACE STRIPPED TOPSOIL & HYDROSEED

DESIGN SPEED:
 ALASKA HWY 70 km/h

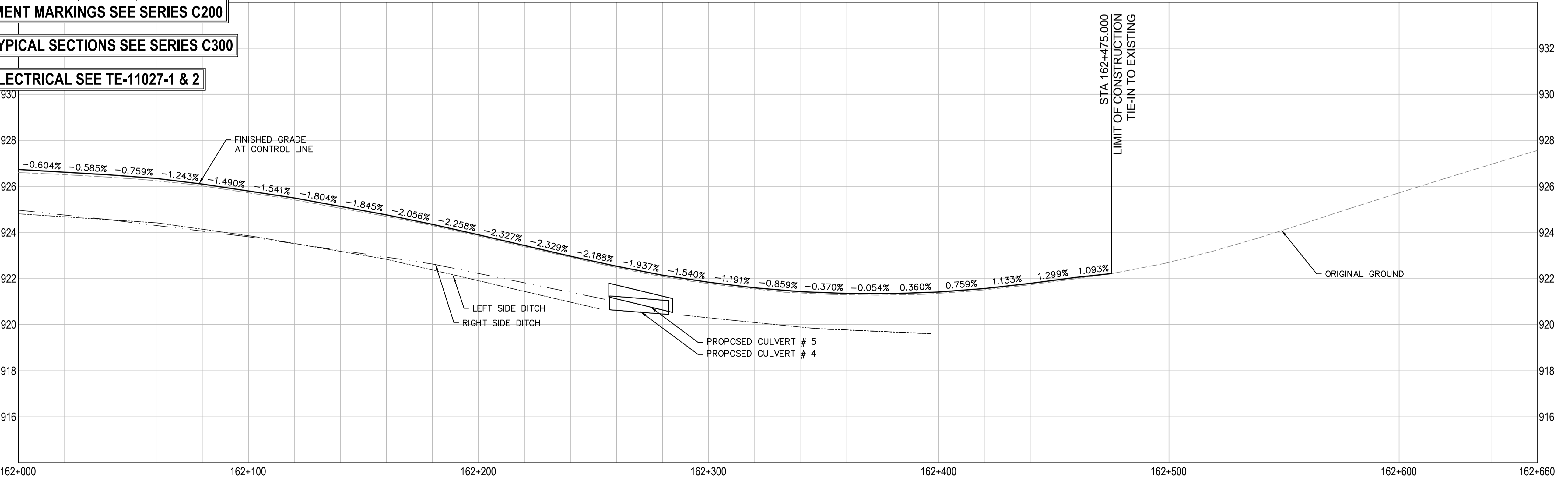
DESIGN VEHICLE: WB-20

FOR FRONTAGE ROAD SEE C103 & C104

FOR GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS SEE SERIES C200

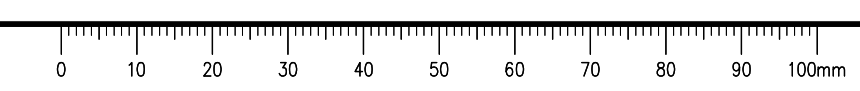
FOR TYPICAL SECTIONS SEE SERIES C300

FOR ELECTRICAL SEE TE-11027-1 & 2



LEFT EOP ELEVATION	CONTROLLINE ELEVATION	RIGHT EOP ELEVATION
926.60	926.60	926.60
926.499	926.339	926.521
926.51	926.51	926.51
926.335	926.618	926.400
926.40	926.40	926.40
926.196	926.501	926.283
926.24	926.24	926.24
926.131	926.349	926.131
926.02	926.02	926.02
925.883	926.101	925.983
925.72	925.72	925.72
925.585	925.803	925.655
925.44	925.44	925.44
925.277	925.465	925.277
925.05	925.05	925.05
924.916	925.134	924.916
924.69	924.69	924.69
924.569	924.765	924.547
924.30	924.30	924.30
924.288	924.353	924.059
923.85	923.85	923.85
923.902	923.902	923.675
923.38	923.38	923.38
923.502	923.437	923.110
922.92	922.92	922.92
923.102	922.971	922.644
922.48	922.48	922.48
922.819	922.533	922.056
922.09	922.09	922.09
922.463	922.146	921.684
921.78	921.78	921.78
922.056	921.838	921.511
921.54	921.54	921.54
921.818	921.600	921.273
921.37	921.37	921.37
921.646	921.428	921.101
921.30	921.30	921.30
921.572	921.354	921.027
921.29	921.29	921.29
921.561	921.343	921.016
921.36	921.36	921.36
921.569	921.415	921.047
921.51	921.51	921.51
921.713	921.567	921.304
921.74	921.74	921.74
921.863	921.793	921.609
922.00	922.00	922.00
922.064	922.063	922.00
922.31	922.31	922.31
922.70	922.70	922.70
923.21	923.21	923.21
923.80	923.80	923.80
924.43	924.43	924.43
925.09	925.09	925.09
925.72	925.72	925.72
926.35	926.35	926.35
926.96	926.96	926.96
927.56	927.56	927.56

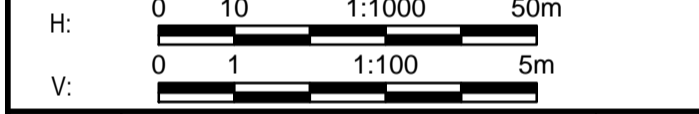
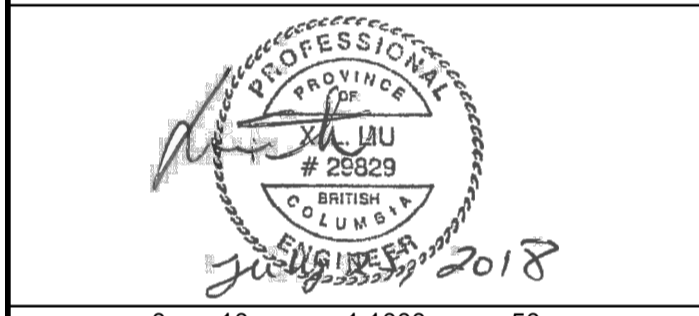
I:\Local\Legacy\Transportation\Projects\TRN\VHW\03092 Alaska Hwy Wonwon Buckinghorse Intersection\40 - CADD\C101-104 PLAN PROFILES.dwg C102 July 25, 2018 - 3:28:05 pm BY: WILLIAMS, ETHAN



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PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



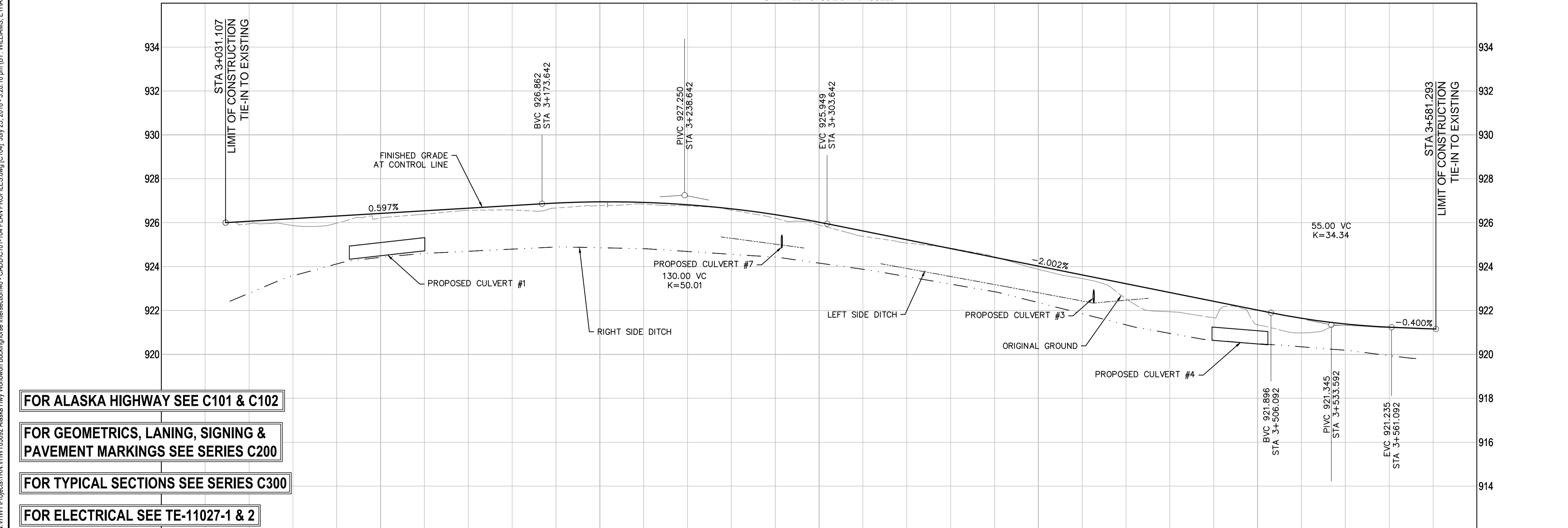
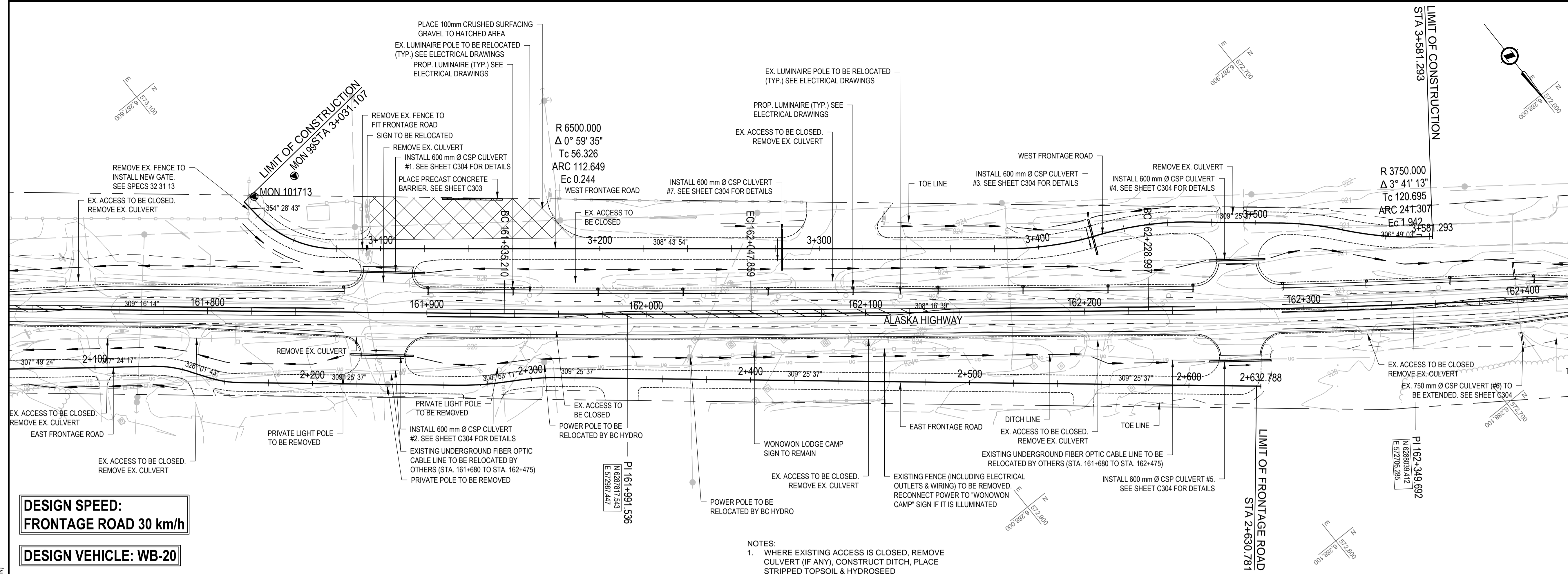
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PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
PLAN AND PROFILE WEST FRONTAGE ROAD STA. 3+031.107 TO STA. 3+581.293

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C104	0
	OF	



	3+000	3+100	3+200	3+300	3+400	3+500	3+600
LT. GRAVEL EDGE ELEV.	925.95	925.95	925.95	925.95	925.95	925.95	925.95
CONTROLLINE ELEVATION	925.94	925.87	925.87	925.87	925.87	925.87	925.87
RT. GRAVEL EDGE ELEV.	926.03	926.03	926.03	926.03	926.03	926.03	926.03

WEST FRONTAGE ROAD (L3)
 SCALE 1:1000

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CURVE TABLE									
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.	
C1	10.00	69°07'17"	6.888	12.064	2.143	STA: 0+000.000 N: 6.287,757.411 E: 573,107.513	STA: 0+006.888 N: 6.287,760.786 E: 573,102.192	STA: 0+012.064 N: 6.287,757.374 E: 573,096.208	
C2	8.00	108°20'33"	11.081	15.127	5.667	STA: 0+012.064 N: 6.287,757.374 E: 573,096.208	STA: 0+023.145 N: 6.287,751.885 E: 573,086.582	STA: 0+027.191 N: 6.287,744.476 E: 573,094.822	
C3	8.00	60°29'56"	4.665	8.447	1.261	STA: 0+000.000 N: 6.287,726.437 E: 573,080.074	STA: 0+004.665 N: 6.287,729.390 E: 573,076.462	STA: 0+008.447 N: 6.287,727.701 E: 573,072.114	
C4	6.00	120°02'24"	10.401	12.571	6.007	STA: 0+008.447 N: 6.287,727.701 E: 573,072.114	STA: 0+018.848 N: 6.287,723.935 E: 573,062.419	STA: 0+021.018 N: 6.287,717.427 E: 573,070.532	
C5	5.50	78°35'36"	4.501	7.544	1.607	STA: 0+009.759 N: 6.287,741.775 E: 573,051.327	STA: 0+014.260 N: 6.287,738.448 E: 573,048.296	STA: 0+017.303 N: 6.287,740.762 E: 573,044.435	
C6	6.00	93°11'19"	6.344	9.759	2.732	STA: 0+000.000 N: 6.287,746.464 E: 573,050.682	STA: 0+006.344 N: 6.287,746.464 E: 573,055.600	STA: 0+009.759 N: 6.287,741.775 E: 573,051.327	
C7	10.00	71°52'49"	7.249	12.545	2.351	STA: 0+000.000 N: 6.287,768.537 E: 573,065.394	STA: 0+007.249 N: 6.287,768.537 E: 573,071.007	STA: 0+012.545 N: 6.287,767.855 E: 573,077.113	
C8	8.00	107°57'48"	11.004	15.075	5.604	STA: 0+012.545 N: 6.287,767.855 E: 573,077.113	STA: 0+023.549 N: 6.287,773.785 E: 573,086.382	STA: 0+027.620 N: 6.287,780.773 E: 573,077.883	
C9	9.00	134°51'19"	21.651	21.183	14.447	STA: 0+000.000 N: 6.288,002.737 E: 572,801.619	STA: 0+021.651 N: 6.288,016.487 E: 572,784.896	STA: 0+021.183 N: 6.287,994.934 E: 572,786.944	
C10	12.00	46°36'51"	5.170	9.763	1.066	STA: 0+021.183 N: 6.287,994.934 E: 572,786.944	STA: 0+026.353 N: 6.287,989.787 E: 572,787.433	STA: 0+030.946 N: 6.287,986.607 E: 572,791.509	
C11	10.50	119°03'45"	17.848	21.819	10.207	STA: 0+000.000 N: 6.287,968.216 E: 572,777.203	STA: 0+017.848 N: 6.287,979.191 E: 572,763.128	STA: 0+021.819 N: 6.287,961.557 E: 572,760.373	
C12	15.00	61°10'53"	8.868	16.017	2.425	STA: 0+021.819 N: 6.287,961.557 E: 572,760.373	STA: 0+030.687 N: 6.287,952.796 E: 572,759.003	STA: 0+037.837 N: 6.287,947.373 E: 572,766.020	
C13	15.00	40°18'07"	5.504	10.551	0.978	STA: 0+000.000 N: 6.287,977.430 E: 572,729.446	STA: 0+005.504 N: 6.287,973.818 E: 572,733.600	STA: 0+010.551 N: 6.287,973.750 E: 572,739.104	

CURVE TABLE									
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.	
C14	10.50	143°21'35"	31.712	26.272	22.905	STA: 0+000.000 N: 6.287,973.750 E: 572,739.104	STA: 0+031.712 N: 6.287,973.750 E: 572,770.813	STA: 0+026.272 N: 6.287,992.597 E: 572,745.602	
C15	10.00	87°50'46"	9.631	15.332	3.884	STA: 0+000.000 N: 6.288,011.097 E: 572,759.767	STA: 0+009.631 N: 6.288,005.255 E: 572,767.424	STA: 0+015.332 N: 6.288,012.686 E: 572,773.550	
C16	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6.287,668.025 E: 573,167.944	STA: 0+010.047 N: 6.287,661.889 E: 573,175.741	STA: 0+020.064 N: 6.287,656.450 E: 573,184.314	
C17	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6.287,656.450 E: 573,184.314	STA: 0+030.111 N: 6.287,651.210 E: 573,192.886	STA: 0+040.128 N: 6.287,644.874 E: 573,200.683	
C18	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6.287,656.450 E: 573,184.314	STA: 0+030.111 N: 6.287,651.210 E: 573,192.886	STA: 0+040.128 N: 6.287,644.874 E: 573,200.683	
C19	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6.287,818.602 E: 572,983.662	STA: 0+010.047 N: 6.287,812.313 E: 572,991.498	STA: 0+020.064 N: 6.287,807.126 E: 573,000.103	
C20	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6.287,888.853 E: 572,899.179	STA: 0+010.047 N: 6.287,895.053 E: 572,891.273	STA: 0+020.064 N: 6.287,900.143 E: 572,882.611	
C21	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6.287,900.143 E: 572,882.611	STA: 0+030.111 N: 6.287,905.234 E: 572,873.949	STA: 0+040.128 N: 6.287,911.434 E: 572,866.044	
C22	150.00	7°39'51"	10.047	20.064	0.336	STA: 0+020.064 N: 6.288,046.974 E: 572,692.797	STA: 0+030.112 N: 6.288,042.201 E: 572,701.638	STA: 0+040.129 N: 6.288,036.292 E: 572,709.764	
C23	150.00	7°39'51"	10.047	20.064	0.336	STA: 0+000.000 N: 6.288,057.657 E: 572,675.831	STA: 0+010.047 N: 6.288,051.747 E: 572,683.956	STA: 0+020.064 N: 6.288,046.974 E: 572,692.797	
C24	5.50	97°51'59"	6.312	9.395	2.872	STA: 0+000.000 N: 6.287,714.030 E: 573,061.982	STA: 0+006.312 N: 6.287,717.979 E: 573,057.058	STA: 0+009.395 N: 6.287,712.561 E: 573,053.820	
C25	20.00	78°45'10"	16.414	27.490	5.873	STA: 0+000.000 N: 6.287,754.807 E: 572,983.812	STA: 0+016.414 N: 6.287,769.368 E: 572,991.388	STA: 0+027.490 N: 6.287,779.638 E: 572,978.583	
C26	12.00	90°44'42"	12.157	19.006	5.082	STA: 0+000.000 N: 6.287,841.393 E: 572,894.106	STA: 0+012.157 N: 6.287,841.393 E: 572,901.588	STA: 0+019.006 N: 6.287,833.786 E: 572,911.072	

CURVE TABLE									
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.	
C27	5.00	127°47'34"	10.205	11.152	6.364	STA: 0+000.000 N: 6.287,855.753 E: 572,870.796	STA: 0+010.205 N: 6.287,858.131 E: 572,880.720	STA: 0+011.152 N: 6.287,864.515 E: 572,872.759	
C28	2.00	90°00'00"	2.000	3.142	0.828	STA: 0+000.000 N: 6.287,948.412 E: 572,748.907	STA: 0+002.000 N: 6.287,949.682 E: 572,747.362	STA: 0+003.142 N: 6.287,948.137 E: 572,746.092	
C29	2.00	88°35'31"	1.951	3.092	0.794	STA: 0+000.000 N: 6.287,956.818 E: 572,737.724	STA: 0+001.951 N: 6.287,956.818 E: 572,738.926	STA: 0+003.092 N: 6.287,957.858 E: 572,737.418	
C30	2.00	90°00'00"	2.000	3.142	0.828	STA: 0+000.000 N: 6.287,971.133 E: 572,852.655	STA: 0+002.000 N: 6.287,972.409 E: 572,851.115	STA: 0+003.142 N: 6.287,971.959 E: 572,850.602	
C31	2.00	90°00'02"	2.000	3.142	0.828	STA: 0+000.000 N: 6.287,847.696 E: 573,002.786	STA: 0+002.000 N: 6.287,846.419 E: 573,004.326	STA: 0+003.142 N: 6.287,847.959 E: 573,005.602	
C32	5.00	82°24'32"	4.378	7.192	1.646	STA: 0+000.000 N: 6.287,840.088 E: 573,018.872	STA: 0+004.378 N: 6.287,836.369 E: 573,016.563	STA: 0+007.192 N: 6.287,833.588 E: 573,019.944	
C33	10.00	89°56'08"	9.986	15.694	4.132	STA: 0+000.000 N: 6.288,018.979 E: 572,778.738	STA: 0+009.986 N: 6.288,026.683 E: 572,785.091	STA: 0+015.694 N: 6.288,020.341 E: 572,792.805	
C34	2.00	88°10'06"	1.937	3.078	0.784	STA: 0+000.000 N: 6.287,979.902 E: 572,845.038	STA: 0+001.937 N: 6.287,978.446 E: 572,843.760	STA: 0+003.078 N: 6.287,979.676 E: 572,842.264	
C35	50.00	45°44'49"	21.094	39.922	4.267	STA: 3+039.740 N: 6.287,676.645 E: 573,090.838	STA: 3+060.834 N: 6.287,697.641 E: 573,088.809	STA: 3+079.662 N: 6.287,710.838 E: 573,072.354	
C36	150.00	16°22'36"	21.584	42.874	1.545	STA: 3+384.647 N: 6.287,910.659 E: 572,834.440	STA: 3+406.231 N: 6.287,917.602 E: 572,817.602	STA: 3+427.521 N: 6.287,923.373 E: 572,797.640	
C37	150.00	17°04'19"	22.514	44.694	1.680	STA: 3+427.521 N: 6.287,923.373 E: 572,797.640	STA: 3+450.035 N: 6.287,931.936 E: 572,776.818	STA: 3+472.215 N: 6.287,946.235 E: 572,759.427	
C38	150.00	11°07'21"	14.605	29.118	0.709	STA: 3+511.191 N: 6.287,970.988 E: 572,729.321	STA: 3+525.796 N: 6.287,980.263 E: 572,718.040	STA: 3+540.309 N: 6.287,991.541 E: 572,708.760	
C39	150.00	13°43'55"	18.061	35.950	1.083	STA: 3+540.309 N: 6.287,991.541 E: 572,708.760	STA: 3+558.371 N: 6.288,005.488 E: 572,697.283	STA: 3+576.259 N: 6.288,016.311 E: 572,682.824	

CURVE TABLE									
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.	
C40	55.00	9°47'01"	4.707	9.392	0.201	STA: 2+042.851 N: 6.287,648.742 E: 573,236.631	STA: 2+047.558 N: 6.287,652.219 E: 573,233.457	STA: 2+052.243 N: 6.287,655.105 E: 573,229.739	
C41	55.00	18°37'26"	9.018	17.878	0.734	STA: 2+125.720 N: 6.287,699.992 E: 573,171.566	STA: 2+134.739 N: 6.287,705.470 E: 573,164.403	STA: 2+143.580 N: 6.287,712.950 E: 573,159.363	
C42	45.00	16°36'06"	6.566	13.039	0.476	STA: 2+153.278 N: 6.287,720.977 E: 573,153.955	STA: 2+159.843 N: 6.287,726.422 E: 573,150.286	STA: 2+166.317 N: 6.287,730.592 E: 573,145.214	
C43	125.00	8°32'25"	9.333	18.632	0.348	STA: 2+267.574 N: 6.287,800.616 E: 573,069.047	STA: 2+276.574 N: 6.287,800.616 E: 573,069.047	STA: 2+285.873 N: 6.287,800.616 E: 573,069.047	
C44	115.00	8°32'25"	8.587	17.142	0.320	STA: 2+294.888 N: 6.287,810.034 E: 573,044.302	STA: 2+303.474 N: 6.287,814.442 E: 573,036.933	STA: 2+312.029 N: 6.287,819.895 E: 573,030.300	
C45	2.00	69°55'38"	1.399	2.441	0.440	STA: 0+000.000 N: 6.287,689.227 E: 573,194.391	STA: 0+001.399 N: 6.287,689.227 E: 573,193.975	STA: 0+002.441 N: 6.287,687.801 E: 573,195.086	
C46	2.00	65°53'01"	1.296	2.300	0.383	STA: 0+000.000 N: 6.287,692.512 E: 573,189.881	STA: 0+001.296 N: 6.287,692.512 E: 573,188.742	STA: 0+002.300 N: 6.287,691.894 E: 573,187.712	
C47	5.00	49°17'26"	2.294	4.301	0.501	STA: 0+000.000 N: 6.287,713.138 E: 573,164.126	STA: 0+002.294 N: 6.287,713.138 E: 573,162.756	STA: 0+004.301 N: 6.287,714.978 E: 573,163.258	
C48	1.00	128°31'49"	2.075	2.243	1.303	STA: 0+000.000 N: 6.287,726.826 E: 573,156.644	STA: 0+002.075 N: 6.287,726.826 E: 573,156.191	STA: 0+002.243 N: 6.287,724.801 E: 573,154.890	
C49	1.00	91°34'42"	1.028	1.598	0.434	STA: 0+000.000 N: 6.287,799.726 E: 573,069.031	STA: 0+001.028 N: 6.287,799.726 E: 573,069.031	STA: 0+001.598 N: 6.287,798.946 E: 573,069	

CURVE TABLE										
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.		
C1	10.00	69°07'17"	6.888	12.064	2.143	STA: 0+000.000 N: 6,287,756.411 E: 573,107.513	STA: 0+006.888 N: 6,287,760.786 E: 573,102.192	STA: 0+012.064 N: 6,287,757.374 E: 573,096.208		
C2	8.00	108°20'33"	11.081	15.127	5.667	STA: 0+012.064 N: 6,287,757.374 E: 573,096.208	STA: 0+023.145 N: 6,287,751.885 E: 573,086.582	STA: 0+027.191 N: 6,287,744.476 E: 573,094.822		
C3	8.00	60°29'56"	4.665	8.447	1.261	STA: 0+000.000 N: 6,287,726.437 E: 573,080.074	STA: 0+004.665 N: 6,287,729.390 E: 573,076.462	STA: 0+008.447 N: 6,287,727.701 E: 573,072.114		
C4	6.00	120°02'24"	10.401	12.571	6.007	STA: 0+008.447 N: 6,287,727.701 E: 573,072.114	STA: 0+018.848 N: 6,287,723.935 E: 573,062.419	STA: 0+021.018 N: 6,287,717.427 E: 573,050.532		
C5	5.50	78°35'36"	4.501	7.544	1.607	STA: 0+009.759 N: 6,287,741.775 E: 573,051.327	STA: 0+014.260 N: 6,287,738.448 E: 573,048.296	STA: 0+017.303 N: 6,287,740.762 E: 573,044.435		
C6	6.00	93°11'19"	6.344	9.759	2.732	STA: 0+000.000 N: 6,287,750.469 E: 573,050.682	STA: 0+006.344 N: 6,287,746.464 E: 573,055.600	STA: 0+009.759 N: 6,287,741.775 E: 573,051.327		
C7	10.00	71°52'49"	7.249	12.545	2.351	STA: 0+000.000 N: 6,287,768.537 E: 573,065.394	STA: 0+007.249 N: 6,287,763.948 E: 573,071.007	STA: 0+012.545 N: 6,287,767.855 E: 573,077.113		
C8	8.00	107°57'48"	11.004	15.075	5.604	STA: 0+012.545 N: 6,287,767.855 E: 573,077.113	STA: 0+023.549 N: 6,287,773.785 E: 573,086.382	STA: 0+027.620 N: 6,287,780.773 E: 573,077.883		
C9	9.00	134°51'19"	21.651	21.183	14.447	STA: 0+000.000 N: 6,288,002.737 E: 572,801.619	STA: 0+021.651 N: 6,288,016.487 E: 572,784.896	STA: 0+021.183 N: 6,287,994.934 E: 572,786.944		
C10	12.00	46°36'51"	5.170	9.763	1.066	STA: 0+021.183 N: 6,287,994.934 E: 572,786.944	STA: 0+026.353 N: 6,287,989.787 E: 572,787.433	STA: 0+030.946 N: 6,287,986.607 E: 572,791.509		
C11	10.50	119°03'45"	17.848	21.819	10.207	STA: 0+000.000 N: 6,287,968.216 E: 572,777.203	STA: 0+017.848 N: 6,287,979.191 E: 572,763.128	STA: 0+021.819 N: 6,287,961.557 E: 572,760.373		
C12	15.00	61°10'53"	8.868	16.017	2.425	STA: 0+021.819 N: 6,287,961.557 E: 572,760.373	STA: 0+030.687 N: 6,287,952.796 E: 572,759.003	STA: 0+037.837 N: 6,287,947.373 E: 572,766.020		
C13	15.00	40°18'07"	5.504	10.551	0.978	STA: 0+000.000 N: 6,287,977.430 E: 572,729.446	STA: 0+005.504 N: 6,287,973.818 E: 572,733.600	STA: 0+010.551 N: 6,287,970.750 E: 572,739.104		

CURVE TABLE										
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.		
C14	10.50	143°21'35"	31.712	26.272	22.905	STA: 0+000.000 N: 6,287,973.750 E: 572,739.104	STA: 0+031.712 N: 6,287,970.813 E: 572,770.813	STA: 0+026.272 N: 6,287,992.597 E: 572,745.602		
C15	10.00	87°50'46"	9.631	15.332	3.884	STA: 0+000.000 N: 6,288,011.097 E: 572,759.767	STA: 0+009.631 N: 6,288,005.255 E: 572,767.424	STA: 0+015.332 N: 6,288,012.686 E: 572,773.550		
C16	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6,287,968.025 E: 573,167.944	STA: 0+010.047 N: 6,287,961.689 E: 573,175.741	STA: 0+020.064 N: 6,287,956.450 E: 573,184.314		
C17	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6,287,968.025 E: 573,167.944	STA: 0+030.111 N: 6,287,951.210 E: 573,192.886	STA: 0+040.128 N: 6,287,944.874 E: 573,200.683		
C18	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6,287,968.025 E: 573,167.944	STA: 0+030.111 N: 6,287,951.210 E: 573,192.886	STA: 0+040.128 N: 6,287,944.874 E: 573,200.683		
C19	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6,287,971.133 E: 572,852.655	STA: 0+010.047 N: 6,287,965.081 E: 572,852.655	STA: 0+003.142 N: 6,287,972.409 E: 572,852.391		
C20	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6,287,971.133 E: 572,852.655	STA: 0+010.047 N: 6,287,965.081 E: 572,852.655	STA: 0+003.142 N: 6,287,972.409 E: 572,852.391		
C21	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6,287,968.025 E: 573,167.944	STA: 0+030.111 N: 6,287,951.210 E: 573,192.886	STA: 0+040.128 N: 6,287,944.874 E: 573,200.683		
C22	150.00	7°39'51"	10.047	20.064	0.336	STA: 0+020.064 N: 6,287,968.025 E: 573,167.944	STA: 0+030.111 N: 6,287,951.210 E: 573,192.886	STA: 0+040.128 N: 6,287,944.874 E: 573,200.683		
C23	150.00	7°39'51"	10.047	20.064	0.336	STA: 0+000.000 N: 6,288,057.657 E: 572,663.956	STA: 0+010.047 N: 6,288,051.747 E: 572,663.956	STA: 0+020.064 N: 6,288,046.974 E: 572,692.797		
C24	5.50	97°51'59"	6.312	9.395	2.872	STA: 0+000.000 N: 6,287,714.030 E: 573,061.982	STA: 0+006.312 N: 6,287,717.979 E: 573,057.959	STA: 0+009.395 N: 6,287,712.561 E: 573,053.820		
C25	20.00	78°45'10"	16.414	27.490	5.873	STA: 0+000.000 N: 6,287,894.106 E: 572,983.812	STA: 0+016.414 N: 6,287,891.393 E: 572,991.388	STA: 0+027.490 N: 6,287,884.393 E: 572,978.583		
C26	12.00	90°44'42"	12.157	19.006	5.082	STA: 0+000.000 N: 6,287,894.106 E: 572,983.812	STA: 0+012.157 N: 6,287,891.393 E: 572,991.388	STA: 0+019.006 N: 6,287,884.393 E: 572,978.583		

CURVE TABLE										
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.		
C27	5.00	127°47'34"	10.205	11.152	6.364	STA: 0+000.000 N: 6,287,855.753 E: 572,870.796	STA: 0+010.205 N: 6,287,858.131 E: 572,880.720	STA: 0+011.152 N: 6,287,864.515 E: 572,872.759		
C28	2.00	90°00'00"	2.000	3.142	0.828	STA: 0+000.000 N: 6,287,948.412 E: 572,748.907	STA: 0+002.000 N: 6,287,948.412 E: 572,747.362	STA: 0+003.142 N: 6,287,948.137 E: 572,746.092		
C29	2.00	88°35'31"	1.951	3.092	0.794	STA: 0+000.000 N: 6,287,955.081 E: 572,737.724	STA: 0+001.951 N: 6,287,956.618 E: 572,738.926	STA: 0+003.092 N: 6,287,957.858 E: 572,737.418		
C30	2.00	90°00'00"	2.000	3.142	0.828	STA: 0+000.000 N: 6,287,971.133 E: 572,852.655	STA: 0+002.000 N: 6,287,972.409 E: 572,851.115	STA: 0+003.142 N: 6,287,972.409 E: 572,852.391		
C31	2.00	90°00'02"	2.000	3.142	0.828	STA: 0+000.000 N: 6,287,971.133 E: 572,852.655	STA: 0+002.000 N: 6,287,972.409 E: 572,851.115	STA: 0+003.142 N: 6,287,972.409 E: 572,852.391		
C32	5.00	82°24'32"	4.378	7.192	1.646	STA: 0+000.000 N: 6,287,840.088 E: 573,018.872	STA: 0+004.378 N: 6,287,836.369 E: 573,016.563	STA: 0+007.192 N: 6,287,833.588 E: 573,019.944		
C33	10.00	89°56'08"	9.986	15.694	4.132	STA: 0+000.000 N: 6,287,840.088 E: 573,018.872	STA: 0+009.986 N: 6,287,836.369 E: 573,016.563	STA: 0+015.694 N: 6,287,833.588 E: 573,019.944		
C34	2.00	88°10'06"	1.937	3.078	0.784	STA: 0+000.000 N: 6,287,979.502 E: 572,845.038	STA: 0+001.937 N: 6,287,978.446 E: 572,843.760	STA: 0+003.078 N: 6,287,978.446 E: 572,842.264		
C35	50.00	45°44'49"	21.094	39.922	4.267	STA: 0+000.000 N: 6,287,676.645 E: 573,090.838	STA: 0+009.834 N: 6,287,679.641 E: 573,088.809	STA: 0+020.064 N: 6,287,671.838 E: 573,072.354		
C36	150.00	16°22'36"	21.584	42.874	1.545	STA: 0+000.000 N: 6,287,901.659 E: 572,834.440	STA: 0+006.834 N: 6,287,915.164 E: 572,817.602	STA: 0+022.521 N: 6,287,915.164 E: 572,797.640		
C37	150.00	17°04'19"	22.514	44.694	1.680	STA: 0+000.000 N: 6,287,923.373 E: 572,797.640	STA: 0+008.834 N: 6,287,931.936 E: 572,776.818	STA: 0+022.521 N: 6,287,931.936 E: 572,759.427		
C38	150.00	11°07'21"	14.605	29.118	0.709	STA: 0+000.000 N: 6,287,923.373 E: 572,797.640	STA: 0+005.796 N: 6,287,920.263 E: 572,718.040	STA: 0+022.521 N: 6,287,920.263 E: 572,708.760		
C39	150.00	13°43'55"	18.061	35.950	1.083	STA: 0+000.000 N: 6,287,923.373 E: 572,797.640	STA: 0+008.834 N: 6,287,931.936 E: 572,776.818	STA: 0+022.521 N: 6,287,931.936 E: 572,759.427		

CURVE TABLE										
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.		
C40	55.00	9°47'01"	4.707	9.392	0.201	STA: 2+042.851 N: 6,287,648.742 E: 573,236.631	STA: 2+047.558 N: 6,287,652.219 E: 573,233.457	STA: 2+052.243 N: 6,287,655.105 E: 573,229.739		
C41	55.00	18°37'26"	9.018	17.878	0.734	STA: 2+125.720 N: 6,287,699.992 E: 573,171.566	STA: 2+134.739 N: 6,287,705.470 E: 573,164.403	STA: 2+143.598 N: 6,287,712.950 E: 573,159.363		
C42	45.00	16°36'06"	6.566	13.039	0.476	STA: 2+153.278 N: 6,287,720.977 E: 573,153.955	STA: 2+159.843 N: 6,287,726.422 E: 573,150.286	STA: 2+166.317 N: 6,287,730.592 E: 573,145.214		
C43	125.00	8°32'25"	9.333	18.632	0.348	STA: 2+267.574 N: 6,287,794.688 E: 573,036.933	STA: 2+276.574 N: 6,287,800.616 E: 573,036.933	STA: 2+285.873 N: 6,287,805.407 E: 573,032.038		
C44	115.00	8°32'25"	8.587	17.142	0.320	STA: 2+294.888 N: 6,287,810.034 E: 573,044.302	STA: 2+303.474 N: 6,287,814.442 E: 573,036.933	STA: 2+312.029 N: 6,287,819.895 E: 573,030.300		
C45	2.00	69°55'38"	1.399	2.441	0.440	STA: 0+000.000 N: 6,287,689.227 E: 573,194.391	STA: 0+001.399 N: 6,287,689.227 E: 573,193.975	STA: 0+002.441 N: 6,287,687.801 E: 573,195.086		
C46	2.00	65°53'01"	1.296	2.300	0.383	STA: 0+000.000 N: 6,287,692.512 E: 573,189.881	STA: 0+001.296 N: 6,287,692.512 E: 573,188.742	STA: 0+002.300 N: 6,287,691.894 E: 573,187.712		
C47	5.00	49°17'26"	2.294	4.301	0.501	STA: 0+000.000 N: 6,287,713.138 E: 573,164.126	STA: 0+002.294 N: 6,287,713.138 E: 573,162.756	STA: 0+004.301 N: 6,287,714.978 E: 573,163.258		
C48	1.00	128°31'49"	2.075	2.243	1.303	STA: 0+000.000 N: 6,287,726.826 E: 573,156.644	STA: 0+002.075 N: 6,287,726.826 E: 573,156.644	STA: 0+002.243 N: 6,287,724.801 E: 573,156.191		
C49	1.00	91°34'42"	1.028	1.588	0.434	STA: 0+000.000 N: 6,287,799.726 E: 573,069.031	STA: 0+001.028 N: 6,287,799.726 E: 573,069.031	STA: 0+001.598 N: 6,287,798.946 E: 573,068.362		

CURVE TABLE										
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.		
C1	10.00	69°07'17"	6.888	12.064	2.143	STA: 0+000.000 N: 6.287,756.411 E: 573,107.513	STA: 0+006.888 N: 6.287,760.786 E: 573,102.192	STA: 0+012.064 N: 6.287,757.374 E: 573,096.208		
C2	8.00	108°20'33"	11.081	15.127	5.667	STA: 0+012.064 N: 6.287,757.374 E: 573,096.208	STA: 0+023.145 N: 6.287,761.885 E: 573,086.582	STA: 0+027.191 N: 6.287,744.476 E: 573,094.822		
C3	8.00	60°29'56"	4.665	8.447	1.261	STA: 0+000.000 N: 6.287,726.437 E: 573,080.074	STA: 0+004.665 N: 6.287,729.390 E: 573,076.462	STA: 0+008.447 N: 6.287,727.701 E: 573,072.114		
C4	6.00	120°02'24"	10.401	12.571	6.007	STA: 0+008.447 N: 6.287,727.701 E: 573,072.114	STA: 0+018.848 N: 6.287,723.935 E: 573,062.419	STA: 0+021.018 N: 6.287,717.427 E: 573,050.532		
C5	5.50	78°35'36"	4.501	7.544	1.607	STA: 0+009.759 N: 6.287,741.775 E: 573,051.327	STA: 0+014.260 N: 6.287,738.448 E: 573,048.296	STA: 0+017.303 N: 6.287,740.762 E: 573,044.435		
C6	6.00	93°11'19"	6.344	9.759	2.732	STA: 0+000.000 N: 6.287,750.469 E: 573,050.682	STA: 0+006.344 N: 6.287,746.464 E: 573,055.600	STA: 0+009.759 N: 6.287,741.775 E: 573,051.327		
C7	10.00	71°52'49"	7.249	12.545	2.351	STA: 0+000.000 N: 6.287,768.537 E: 573,065.394	STA: 0+007.249 N: 6.287,763.948 E: 573,071.007	STA: 0+012.545 N: 6.287,767.855 E: 573,077.113		
C8	8.00	107°57'48"	11.004	15.075	5.604	STA: 0+012.545 N: 6.287,767.855 E: 573,077.113	STA: 0+023.549 N: 6.287,773.785 E: 573,068.382	STA: 0+027.620 N: 6.287,780.773 E: 573,077.883		
C9	9.00	134°51'19"	21.651	21.183	14.447	STA: 0+000.000 N: 6.288,002.737 E: 572,801.619	STA: 0+021.651 N: 6.288,016.487 E: 572,784.896	STA: 0+021.183 N: 6.287,994.934 E: 572,786.944		
C10	12.00	46°36'51"	5.170	9.763	1.066	STA: 0+021.183 N: 6.287,994.934 E: 572,786.944	STA: 0+026.353 N: 6.287,989.787 E: 572,787.433	STA: 0+030.946 N: 6.287,986.607 E: 572,791.509		
C11	10.50	119°03'45"	17.848	21.819	10.207	STA: 0+000.000 N: 6.287,968.216 E: 572,777.203	STA: 0+017.848 N: 6.287,979.191 E: 572,763.128	STA: 0+021.819 N: 6.287,961.557 E: 572,760.373		
C12	15.00	61°10'53"	8.868	16.017	2.425	STA: 0+021.819 N: 6.287,961.557 E: 572,760.373	STA: 0+030.687 N: 6.287,952.796 E: 572,759.003	STA: 0+037.837 N: 6.287,947.373 E: 572,766.020		
C13	15.00	40°18'07"	5.504	10.551	0.978	STA: 0+000.000 N: 6.287,977.430 E: 572,729.446	STA: 0+005.504 N: 6.287,973.818 E: 572,733.600	STA: 0+010.551 N: 6.287,973.750 E: 572,739.104		

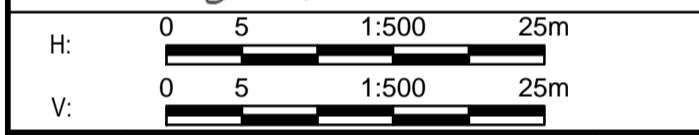
CURVE TABLE										
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.		
C14	10.50	143°21'35"	31.712	26.272	22.905	STA: 0+000.000 N: 6.287,973.750 E: 572,739.104	STA: 0+031.712 N: 6.287,973.361 E: 572,770.813	STA: 0+026.272 N: 6.287,992.597 E: 572,745.602		
C15	10.00	87°50'46"	9.631	15.332	3.884	STA: 0+000.000 N: 6.288,011.097 E: 572,759.767	STA: 0+009.631 N: 6.288,005.255 E: 572,767.424	STA: 0+015.332 N: 6.288,012.686 E: 572,773.550		
C16	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6.287,966.025 E: 573,167.944	STA: 0+010.047 N: 6.287,961.689 E: 573,175.741	STA: 0+020.064 N: 6.287,956.450 E: 573,184.314		
C17	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6.287,966.450 E: 573,184.314	STA: 0+030.111 N: 6.287,951.210 E: 573,192.886	STA: 0+040.128 N: 6.287,944.874 E: 573,200.683		
C18	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6.287,966.450 E: 573,184.314	STA: 0+030.111 N: 6.287,951.210 E: 573,192.886	STA: 0+040.128 N: 6.287,944.874 E: 573,200.683		
C19	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6.287,918.602 E: 572,983.662	STA: 0+010.047 N: 6.287,913.313 E: 572,991.498	STA: 0+020.064 N: 6.287,907.126 E: 573,000.103		
C20	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+000.000 N: 6.287,898.853 E: 572,899.179	STA: 0+010.047 N: 6.287,893.564 E: 572,901.273	STA: 0+020.064 N: 6.287,888.000 E: 572,908.611		
C21	150.00	7°39'50"	10.047	20.064	0.336	STA: 0+020.064 N: 6.287,900.143 E: 572,882.611	STA: 0+030.111 N: 6.287,885.234 E: 572,873.949	STA: 0+040.128 N: 6.287,870.511 E: 572,866.044		
C22	150.00	7°39'51"	10.047	20.064	0.336	STA: 0+020.064 N: 6.288,046.974 E: 572,692.797	STA: 0+030.112 N: 6.288,042.201 E: 572,701.638	STA: 0+040.129 N: 6.288,036.292 E: 572,709.764		
C23	150.00	7°39'51"	10.047	20.064	0.336	STA: 0+000.000 N: 6.288,057.657 E: 572,675.831	STA: 0+010.047 N: 6.288,051.747 E: 572,683.956	STA: 0+020.064 N: 6.288,046.974 E: 572,692.797		
C24	5.50	97°51'59"	6.312	9.395	2.872	STA: 0+000.000 N: 6.287,714.030 E: 573,061.982	STA: 0+006.312 N: 6.287,717.979 E: 573,057.058	STA: 0+009.395 N: 6.287,712.561 E: 573,053.820		
C25	20.00	78°45'10"	16.414	27.490	5.873	STA: 0+000.000 N: 6.287,754.807 E: 572,983.812	STA: 0+016.414 N: 6.287,749.368 E: 572,991.388	STA: 0+027.490 N: 6.287,739.638 E: 572,978.583		
C26	12.00	90°44'42"	12.157	19.006	5.082	STA: 0+000.000 N: 6.287,841.393 E: 572,894.106	STA: 0+012.157 N: 6.287,831.811 E: 572,901.588	STA: 0+019.006 N: 6.287,833.786 E: 572,911.072		

CURVE TABLE										
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.		
C27	5.00	127°47'34"	10.205	11.152	6.364	STA: 0+000.000 N: 6.287,855.753 E: 572,870.796	STA: 0+010.205 N: 6.287,858.131 E: 572,880.720	STA: 0+011.152 N: 6.287,864.515 E: 572,872.759		
C28	2.00	90°00'00"	2.000	3.142	0.828	STA: 0+000.000 N: 6.287,948.412 E: 572,748.907	STA: 0+002.000 N: 6.287,949.682 E: 572,747.362	STA: 0+003.142 N: 6.287,948.137 E: 572,746.092		
C29	2.00	88°35'31"	1.951	3.092	0.794	STA: 0+000.000 N: 6.287,955.081 E: 572,737.724	STA: 0+001.951 N: 6.287,956.618 E: 572,738.926	STA: 0+003.092 N: 6.287,957.858 E: 572,737.418		
C30	2.00	90°00'00"	2.000	3.142	0.828	STA: 0+000.000 N: 6.287,971.133 E: 572,852.655	STA: 0+002.000 N: 6.287,972.409 E: 572,851.115	STA: 0+003.142 N: 6.287,973.949 E: 572,852.391		
C31	2.00	90°00'02"	2.000	3.142	0.828	STA: 0+000.000 N: 6.287,847.696 E: 573,002.786	STA: 0+002.000 N: 6.287,846.419 E: 573,004.326	STA: 0+003.142 N: 6.287,847.959 E: 573,005.602		
C32	5.00	82°24'32"	4.378	7.192	1.646	STA: 0+000.000 N: 6.287,840.088 E: 573,018.872	STA: 0+004.378 N: 6.287,836.369 E: 573,016.563	STA: 0+007.192 N: 6.287,833.588 E: 573,019.944		
C33	10.00	89°56'08"	9.986	15.694	4.132	STA: 0+000.000 N: 6.288,018.979 E: 572,778.738	STA: 0+009.986 N: 6.288,026.683 E: 572,785.091	STA: 0+015.694 N: 6.288,020.341 E: 572,792.805		
C34	2.00	88°10'06"	1.937	3.078	0.784	STA: 0+000.000 N: 6.287,979.902 E: 572,845.038	STA: 0+001.937 N: 6.287,979.446 E: 572,843.760	STA: 0+003.078 N: 6.287,979.676 E: 572,842.264		
C35	50.00	45°44'49"	21.094	39.922	4.267	STA: 3+039.740 N: 6.287,676.645 E: 573,090.838	STA: 3+060.834 N: 6.287,697.641 E: 573,088.809	STA: 3+079.662 N: 6.287,710.838 E: 573,072.354		
C36	150.00	16°22'36"	21.584	42.874	1.545	STA: 3+384.647 N: 6.287,901.659 E: 572,834.440	STA: 3+406.231 N: 6.287,915.164 E: 572,817.602	STA: 3+427.521 N: 6.287,923.373 E: 572,797.640		
C37	150.00	17°04'19"	22.514	44.694	1.680	STA: 3+427.521 N: 6.287,923.373 E: 572,797.640	STA: 3+450.035 N: 6.287,931.936 E: 572,776.818	STA: 3+472.215 N: 6.287,946.235 E: 572,759.427		
C38	150.00	11°07'21"	14.605	29.118	0.709	STA: 3+511.191 N: 6.287,970.988 E: 572,729.321	STA: 3+525.796 N: 6.287,980.263 E: 572,718.040	STA: 3+540.309 N: 6.287,991.541 E: 572,708.760		
C39	150.00	13°43'55"	18.061	35.950	1.083	STA: 3+540.309 N: 6.287,991.541 E: 572,708.760	STA: 3+558.371 N: 6.288,005.488 E: 572,697.283	STA: 3+576.259 N: 6.288,016.311 E: 572,682.824		

CURVE TABLE										
Curve #	R	Δ	Tc	Arc	Ec	B.C. COORD.	P.I. COORD.	E.C. COORD.		
C40	55.00	9°47'01"	4.707	9.392	0.201	STA: 2+042.851 N: 6.287,648.742 E: 573,236.631	STA: 2+047.558 N: 6.287,652.219 E: 573,233.457	STA: 2+052.243 N: 6.287,655.105 E: 573,229.739		
C41	55.00	18°37'26"	9.018	17.878	0.734	STA: 2+125.720 N: 6.287,699.992 E: 573,171.566	STA: 2+134.739 N: 6.287,705.470 E: 573,164.403	STA: 2+143.598 N: 6.287,712.950 E: 573,159.363		
C42	45.00	16°36'06"	6.566	13.039	0.476	STA: 2+153.278 N: 6.287,720.977 E: 573,153.955	STA: 2+159.843 N: 6.287,726.422 E: 573,150.286	STA: 2+166.317 N: 6.287,730.592 E: 573,145.214		
C43	125.00	8°32'25"	9.333	18.632	0.348	STA: 2+267.241 N: 6.287,794.688 E: 573,067.257	STA: 2+276.574 N: 6.287,800.616 E: 573,062.038	STA: 2+285.873 N: 6.287,805.407 E: 573,052.038		
C44	115.00	8°32'25"	8.587	17.142	0.320	STA: 2+294.888 N: 6.287,810.034 E: 573,044.302	STA: 2+303.474 N: 6.287,814.442 E: 573,039.300	STA: 2+312.029 N: 6.287,819.895 E: 573,030.300		
C45	2.00	69°55'38"	1.399	2.441	0.440	STA: 0+000.000 N: 6.287,689.227 E: 573,194.391	STA: 0+001.399 N: 6.287,689.227 E: 573,193.975	STA: 0+002.441 N: 6.287,687.892 E: 573,195.086		
C46	2.00	65°53'01"	1.296	2.300	0.383	STA: 0+000.000 N: 6.287,692.512 E: 573,189.881	STA: 0+001.296 N: 6.287,692.512 E: 573,188.742	STA: 0+002.300 N: 6.287,691.894 E: 573,187.712		
C47	5.00	49°17'26"	2.294	4.301	0.501	STA: 0+000.000 N: 6.287,713.138 E: 573,164.126	STA: 0+002.294 N: 6.287,714.978 E: 573,162.756	STA: 0+004.301 N: 6.287,717.216 E: 573,163.258		
C48	1.00	128°31'49"	2.075	2.243	1.303	STA: 0+000.000 N: 6.287,726.826 E: 573,156.644	STA: 0+002.075 N: 6.287,724.801 E: 573,156.191	STA: 0+002.243 N: 6.287,726.417 E: 573,155.890		
C49	1.00	91°34'42"	1.028	1.588	0.434	STA: 0+000.000 N: 6.287,799.726 E: 573,069.031	STA: 0+001.028 N: 6.287,798.946 E: 573,068.362	STA: 0+001.598 N: 6.287,798.298 E: 573,069.160		

ISSUED FOR TENDER

- GENERAL NOTES:
- DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 - DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017



0	ISSUED FOR TENDER	18/07/25
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Client/Client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
R.LIU
Designed by/Concept par
E.YANG
Drawn by/Dessiné par
E.WILLIAMS
PWGSC Project Manager/Administrateur de Projets TPSCG
V.WONG
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/Client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
GEOMETRICS, LANING, SIGNAGE & PAVEMENT MARKINGS SIGN SCHEDULE

Project No./No. du projet R.017173.321	Sheet/Fauille C204	Revision no./La Révision no. 0
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SIGN SUMMARY TABLE				
SIGN	DESCRIPTION	STATION	NEW/RELOCATED/SALVAGED	TRAFFIC DIRECTION / LOCATION
RB-1 (70 km/h)	MAXIMUM SPEED	161+637	NEW	SOUTHBOUND
RA-1	STOP SIGN	161+718	EXISTING, SALVAGE	DRIVE WAY
INFORMATION	INFORMATION SIGN (ESSO)	161+722	EXISTING, RELOCATED FROM APPROX. STA. 161+813	NORTHBOUND
RA-1	STOP SIGN	161+734	EXISTING, SALVAGE	DRIVEWAY
WA-33R	RIGHT LANE ENDS	161+851	NEW	SOUTHBOUND
RA-1	STOP SIGN	161+867	NEW	WEST FRONTAGE ROAD
INFORMATION	WONOWON GENERAL STORE	161+868	EXISTING, RELOCATED FROM STATION 161+880	SOUTHBOUND
RA-1	STOP SIGN	161+895	NEW	EAST FRONTAGE ROAD
INFORMATION	WONOWON LODGE	162+050	EXISTING	NORTHBOUND
RB-41R	RIGHT TURN ONLY LANE	162+055	NEW	SOUTHBOUND
RB-41R	RIGHT TURN ONLY LANE	162+075	NEW	NORTHBOUND
RA-1	STOP SIGN	162+257	NEW	WEST FRONTAGE ROAD
RA-1	STOP SIGN	162+283	NEW	EAST FRONTAGE ROAD
WA-33R	RIGHT LANE ENDS	162+310	NEW	NORTHBOUND
INFORMATION	INFORMATION SIGN (ESSO)	162+400	EXISTING RELOCATED FROM STATION 162+032	SOUTHBOUND
RA-1	STOP SIGN	162+415	NEW	DRIVEWAY
RB-1 (70 km/h)	MAXIMUM SPEED	162+477	NEW	NORTHBOUND
RA-1	STOP SIGN	2+109	NEW	DRIVEWAY
RA-1	STOP SIGN	2+160	NEW	DRIVEWAY
RA-1	STOP SIGN	2+289	NEW	DRIVEWAY
RA-1	STOP SIGN	2+352	NEW	DRIVEWAY
RA-1	STOP SIGN	2+559	NEW	DRIVEWAY
RA-1	STOP SIGN	3+086	NEW	DRIVEWAY
WA-36L	OBJECT MARKER LEFT	3+128	NEW	BARRIER
WA-36R	OBJECT MARKER RIGHT	3+128	NEW	BARRIER
WA-36L	OBJECT MARKER LEFT	3+155	NEW	BARRIER
WA-36R	OBJECT MARKER RIGHT	3+155	NEW	BARRIER
RA-1	STOP SIGN	3+290	NEW	DRIVEWAY
RA-1	STOP SIGN	3+481	NEW	DRIVEWAY

- NOTES:
- PAVEMENT MARKINGS AND SIGNAGE DESIGN AND INSTALLATION AS PER BC MOTI MANUAL OF STANDARD SIGNS AND PAVEMENT MARKINGS, 2010 OR LATEST EDITION.

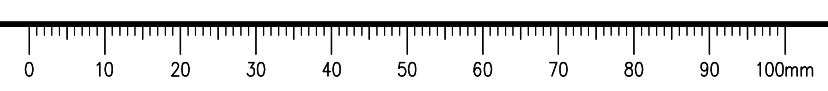
**DESIGN SPEED:
ALASKA HWY 70 km/h**

DESIGN VEHICLE: WB-20

FOR PLAN / PROFILES SEE SERIES C100

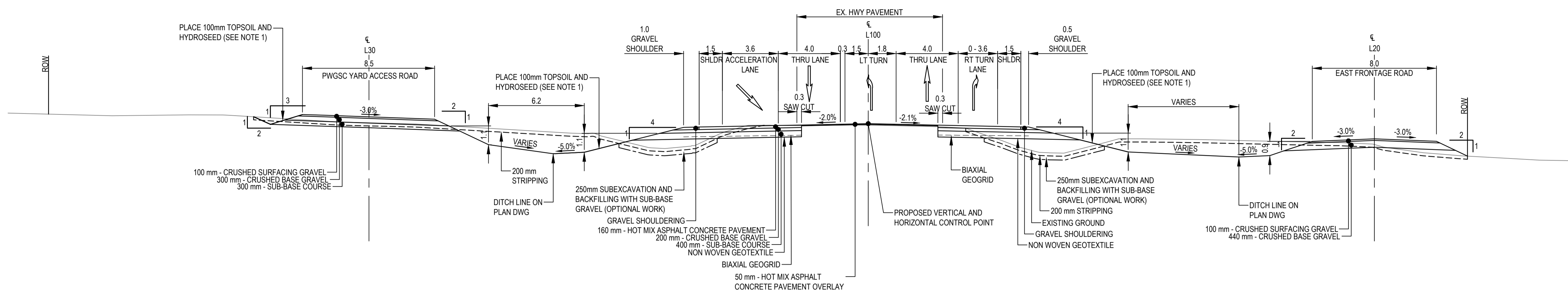
FOR TYPICAL SECTIONS SEE SERIES C300

I:\Local\aaal\Legacy\Vanouver\Transportation\TRN\VHW\03092 Alaska Hwy Wonowon Buckinghorse Intersection\40 - CADD\C201-203 GEOMETRICS & LANING.dwg [C204] July 25, 2018 - 3:30:14 pm (BY: WILLIAMS, ETHAN)

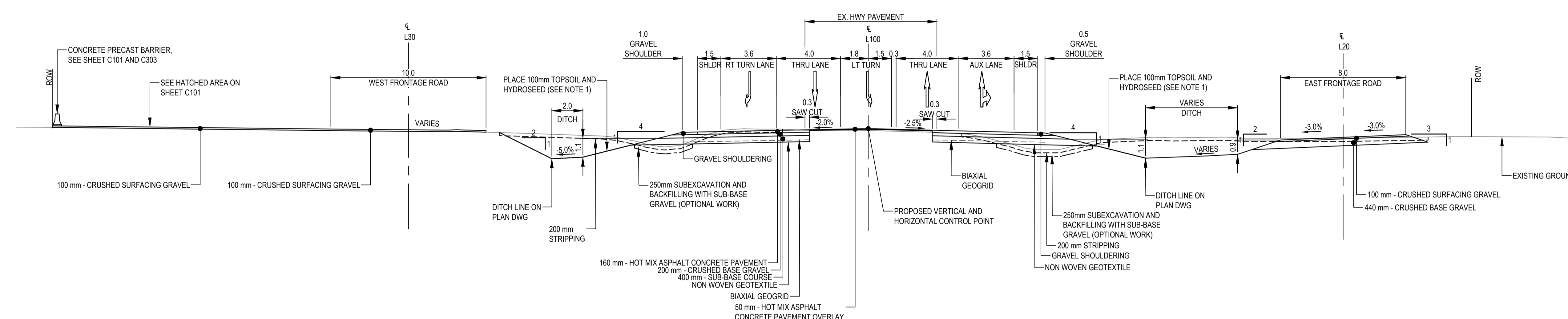


ISSUED FOR TENDER

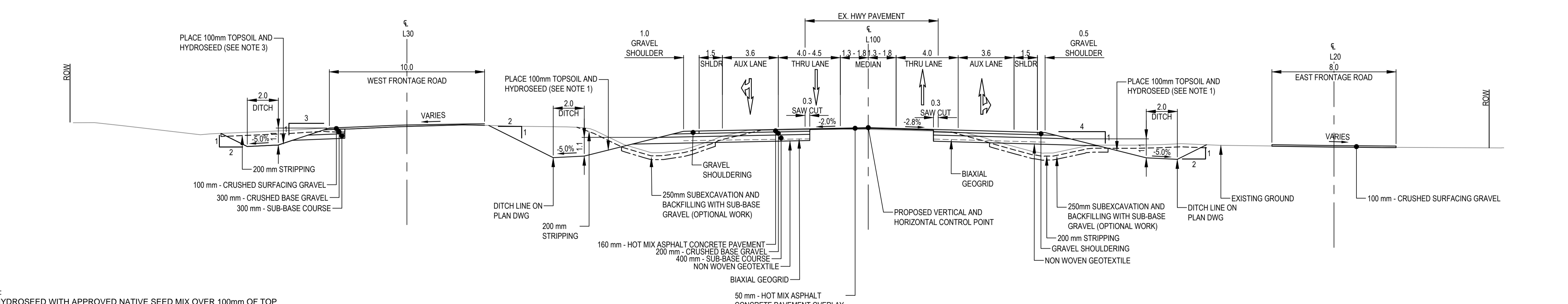
- GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017



TYPICAL SECTION
STA 161+840 (LOOKING NORTH)

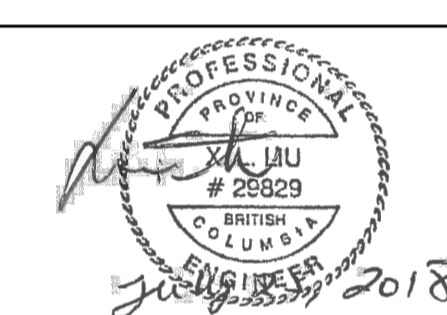


TYPICAL SECTION
STA 161+940 (LOOKING NORTH)



TYPICAL SECTION
STA 162+040 (LOOKING NORTH)

- NOTES:
 1. HYDROSEED WITH APPROVED NATIVE SEED MIX OVER 100mm OF TOP SOIL ON ALL SLOPES AND DITCH BOTTOMS, AND ALL OTHER DISTURBED AREAS.
 2. ANY SOFT SPOTS OBSERVED DURING FILL PLACEMENT SHALL BE SUBEXCAVATED AND REPLACED WITH COMPACTED SUB-BASE GRAVEL BEFORE EMBANKMENT FILL IS CONSTRUCTED. SEE SPECS 31 24 13.
 3. CONCRETE BASE OF NEW LIGHT POLES TO BE 0.5m MINIMUM TO EDGE OF PAVEMENT FROM THE NEAREST EDGE OF CONCRETE BASE. SEE DETAILS ON DRAWING C303.
 4. BIAXIAL GEOGRID PLACEMENT FROM SAW CUT LINE TO GRAVEL SHOULDER EDGE POINT.
 5. NON WOVEN GEOTEXTILE PLACEMENT FROM SAW CUT LINE TO FILL SLOPE.



H:	0	1.5	1:150	7.5m
V:				

0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

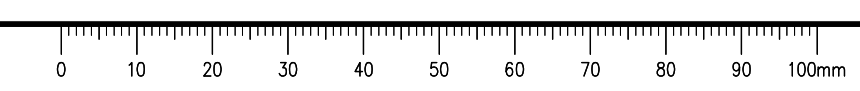
Approved by/Approve par
R.LIU
 Designed by/Concept par
E.YANG
 Drawn by/Dessine par
E.WILLIAMS
 PWGSC Project Manager/Administrateur de Projets TPSCG
V.WONG
 PWGSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
TYPICAL SECTIONS & DETAILS

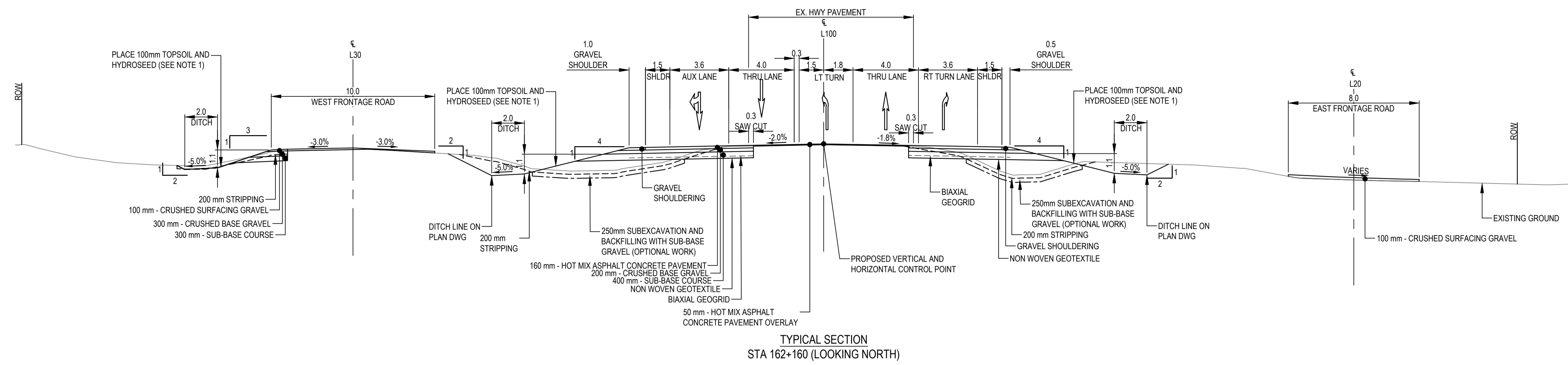
Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C301 OF	0

I:\Local\alLegacy\Vanouver\Transportation\TRN\VHMV\Projects\TRN\VHMV\03092 Alaska Hwy Wonwon Buckinghorse Intersection\40 - CADD\C301-302 TYPICAL SECTIONS.dwg [C301] July 25, 2018 - 3:39:16 pm [BY: WILLIAMS, ETHAN]

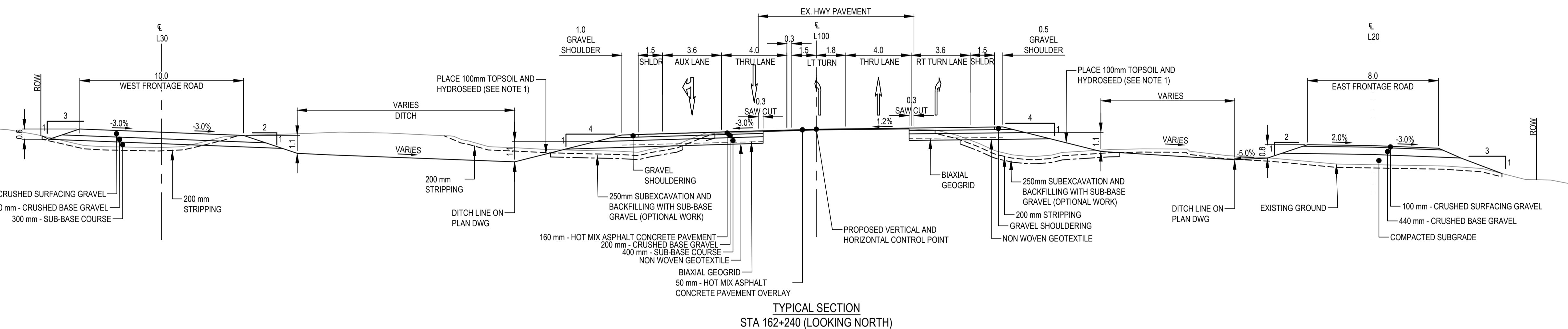


ISSUED FOR TENDER

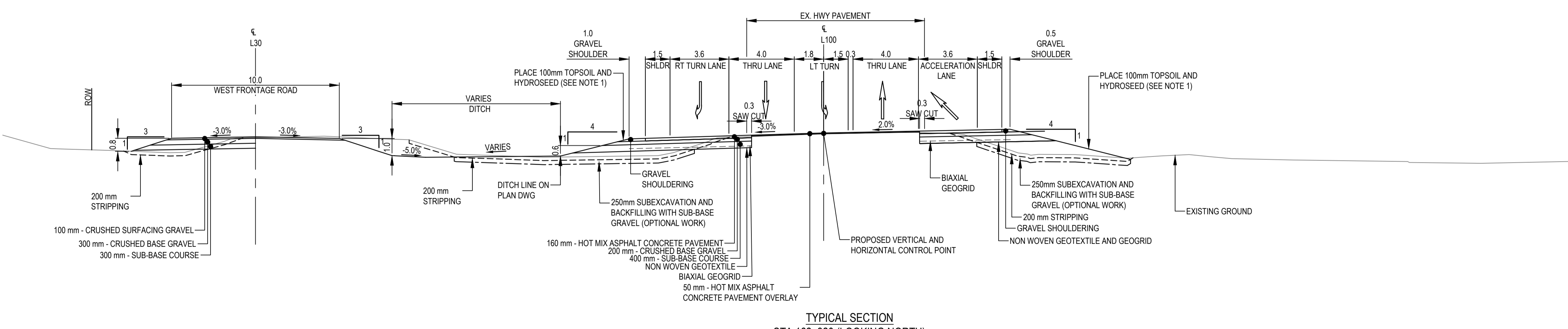
GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017



TYPICAL SECTION
 STA 162+160 (LOOKING NORTH)



TYPICAL SECTION
 STA 162+240 (LOOKING NORTH)



TYPICAL SECTION
 STA 162+320 (LOOKING NORTH)

- NOTES:
 1. HYDROSEED WITH APPROVED NATIVE SEED MIX OVER 100mm OF TOP SOIL ON ALL SLOPES AND DITCH BOTTOMS, AND ALL OTHER DISTURBED AREAS.
 2. ANY SOFT SPOTS OBSERVED DURING FILL PLACEMENT SHALL BE SUBEXCAVATED AND REPLACED WITH COMPACTED SUB-BASE GRAVEL BEFORE EMBANKMENT FILL IS CONSTRUCTED. SEE SPECS 31 24 13.
 3. CONCRETE BASE OF NEW LIGHT POLES TO BE 0.5m MINIMUM TO EDGE OF PAVEMENT FROM THE NEAREST EDGE OF CONCRETE BASE. SEE DETAILS ON DRAWING C303.
 4. BIAxIAL GEOGRID PLACEMENT FROM SAW CUT LINE TO GRAVEL SHOULDER EDGE POINT.
 5. NON WOVEN GEOTEXTILE PLACEMENT FROM SAW CUT LINE TO FILL SLOPE.



H: 0 1 1:100 5m
 V:

0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
R.LIU

Designed by/Concept par
E.YANG

Drawn by/Dessine par
E.WILLIAMS

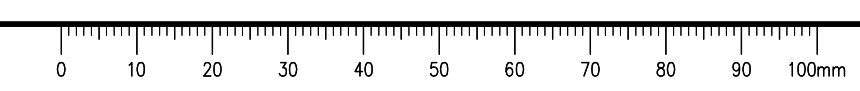
PWGSC Project Manager/Administrateur de Projets TPSC
V.WONG

Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
TYPICAL SECTIONS & DETAILS

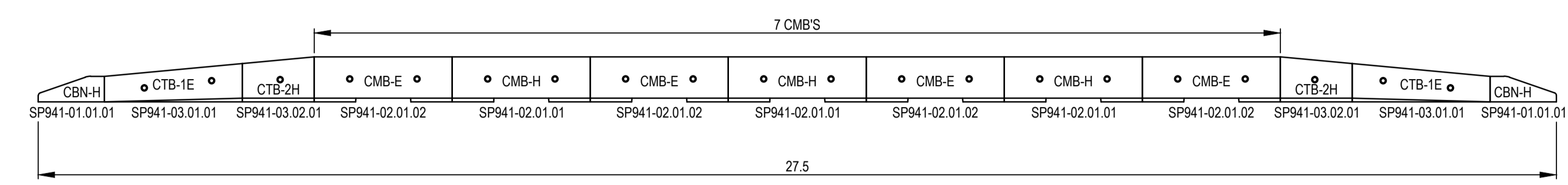
Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C302	0

I:\Local\alLegacy\ancouver\Transportation\TRN\WHY\Projects\TRN\WHY\03092 Alaska Hwy Wonwon Buckinghorse Intersection\40 - CADD\C301-302 TYPICAL SECTIONS.dwg [C302] July 25, 2018 - 3:39:19 pm (B.Y. WILLIAMS, ETHAN)

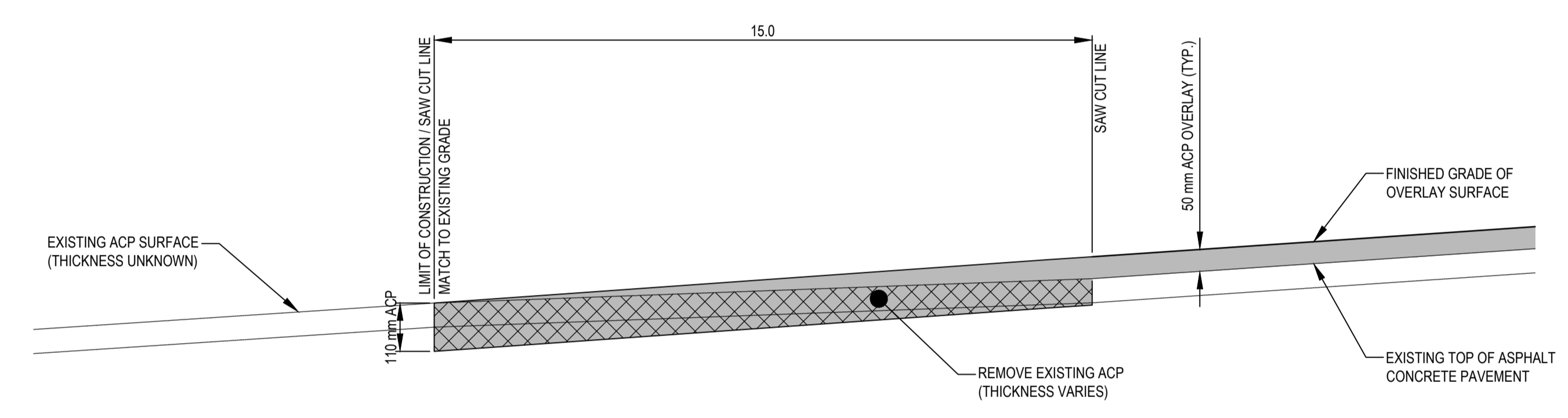


ISSUED FOR TENDER

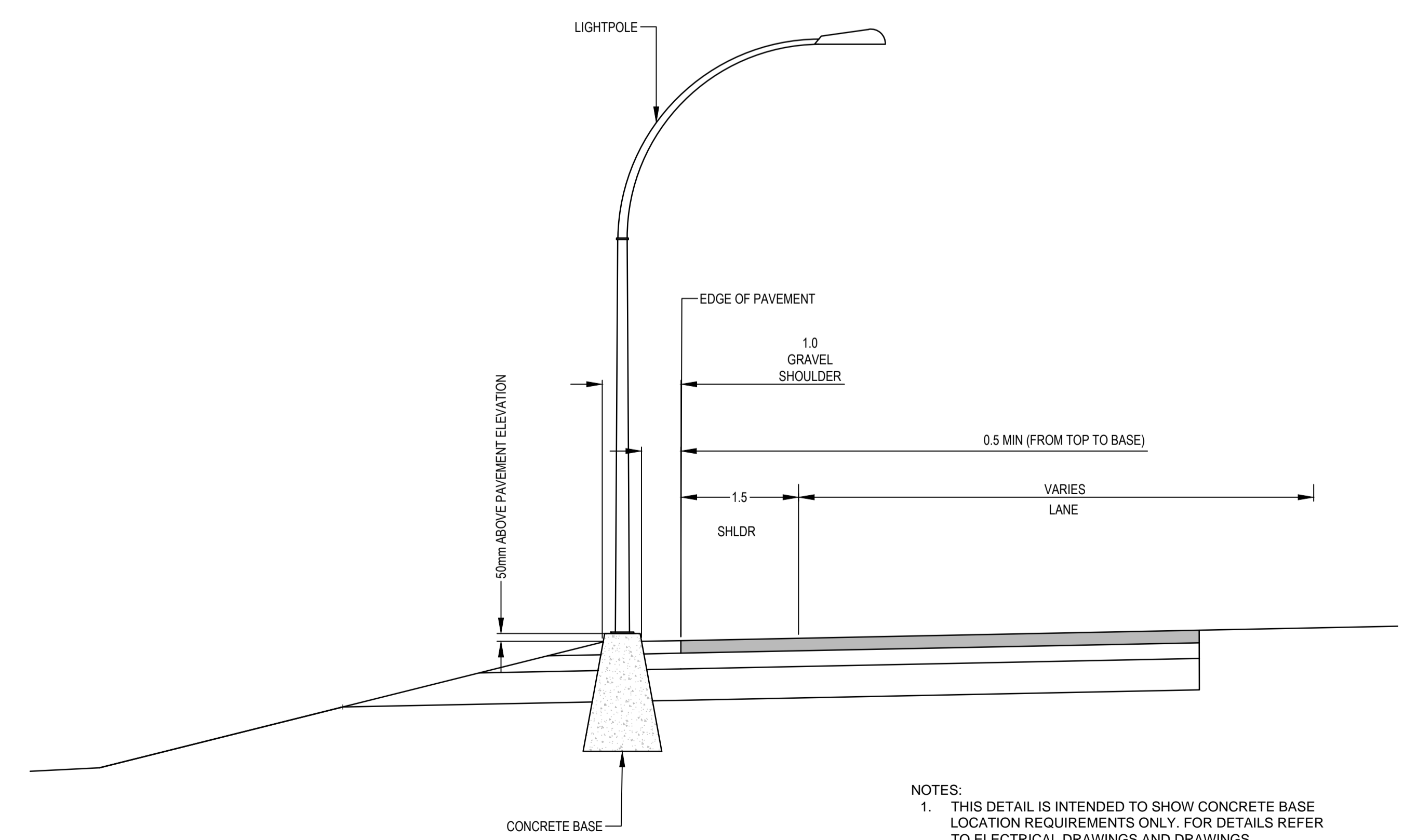
- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
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**PRECAST CONCRETE MEDIAN BARRIER
ARRANGEMENT DETAILS**
SCALE 1:75



ASPHALT PAVEMENT OVERLAY TIE-IN
NTS

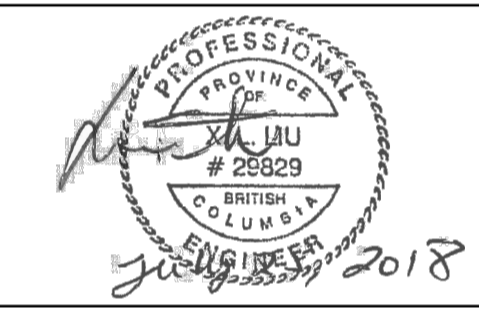


- NOTES:
1. THIS DETAIL IS INTENDED TO SHOW CONCRETE BASE LOCATION REQUIREMENTS ONLY. FOR DETAILS REFER TO ELECTRICAL DRAWINGS AND DRAWINGS SP635-1.4.4 AND SP635-1.4.1 IN BC MOTI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, WITHIN THE EMBANKMENT AS NEEDED TO MEET REQUIREMENTS IN DRAWING SP635-1.4.4 AND SP635-1.4.1.

FOR PLAN / PROFILES SEE SERIES C100

FOR GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS SEE SERIES C200

FOR TYPICAL SECTIONS SEE SERIES C300



H:		
V:		
0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date
Client/client		

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
R.LIU

Designed by/Concept par
E.YANG

Drawn by/Dessine par
E.WILLIAMS

PWSC Project Manager/Administrateur de Projets TPSCG
V.WONG

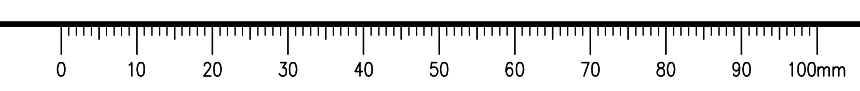
PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin

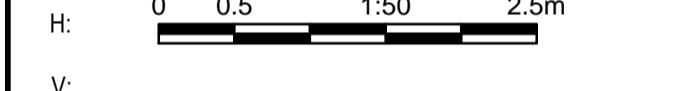
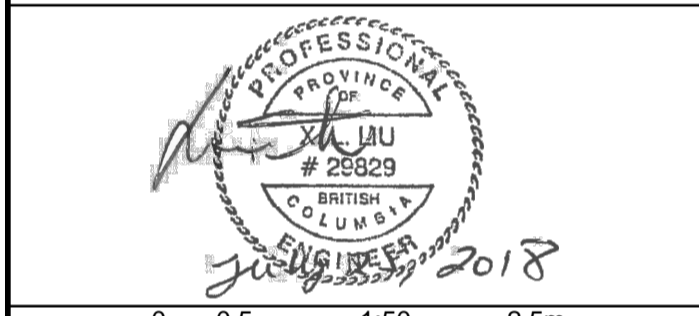
TYPICAL SECTIONS & DETAILS		
Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C303	0
OF		

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ISSUED FOR TENDER

- GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
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0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date
Client/client		

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

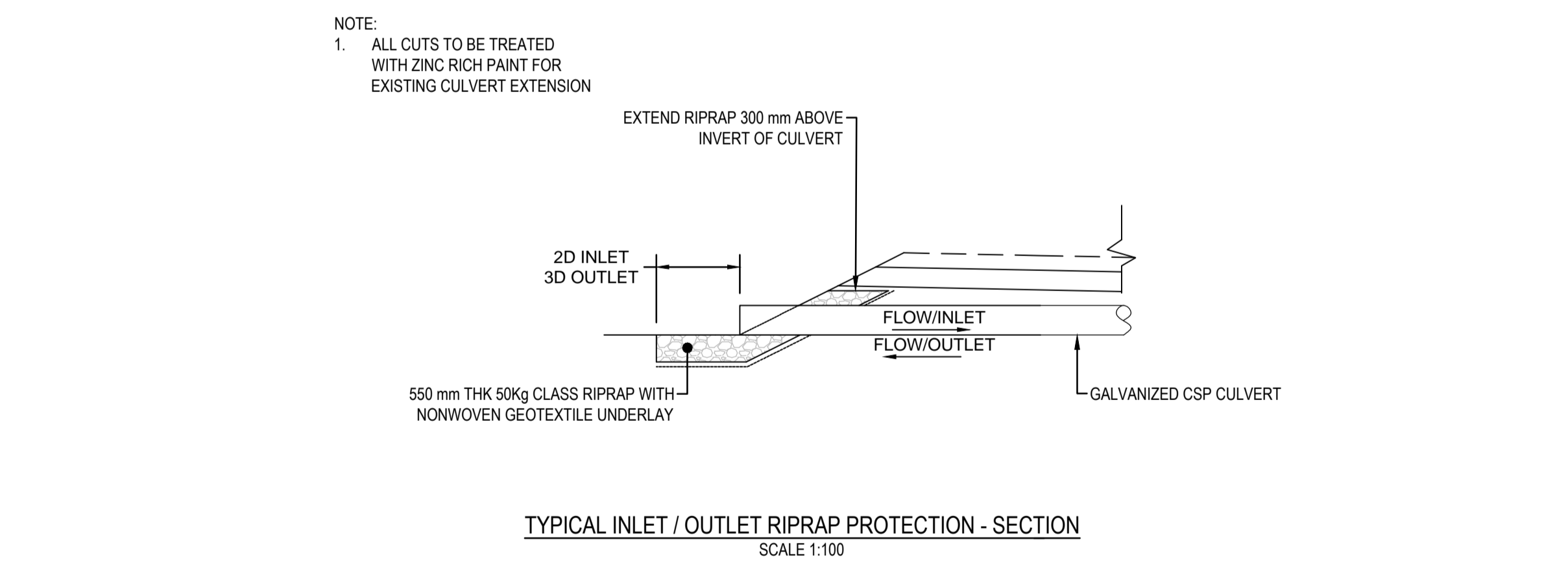
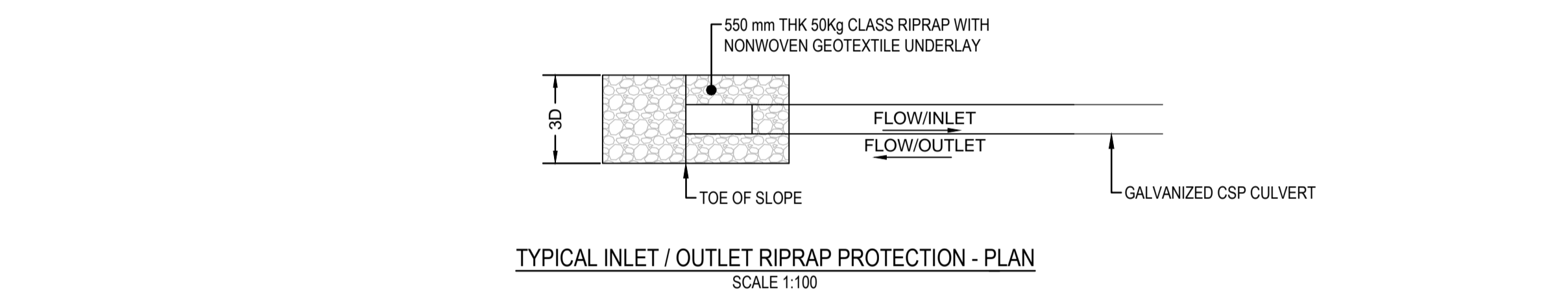
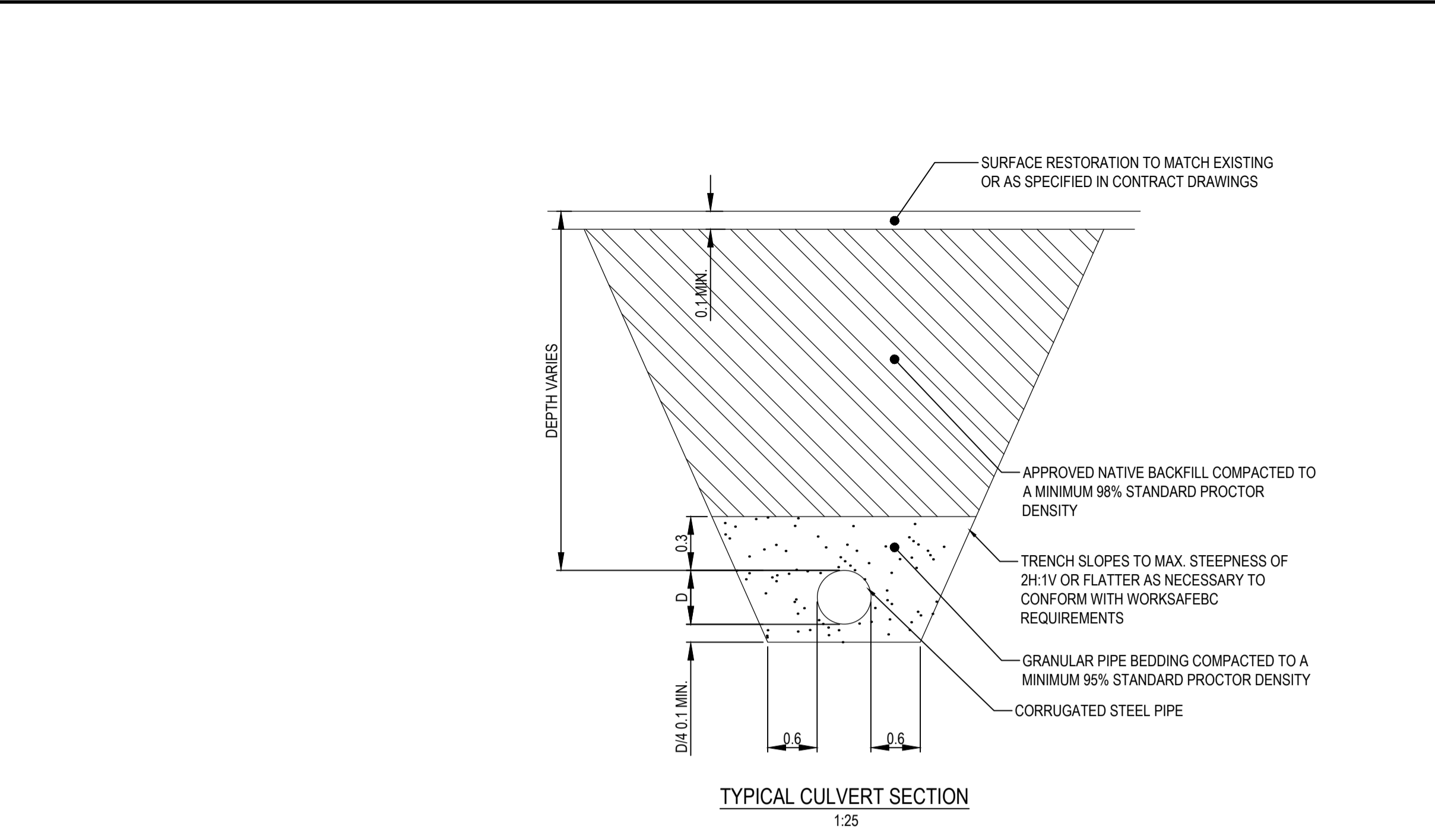
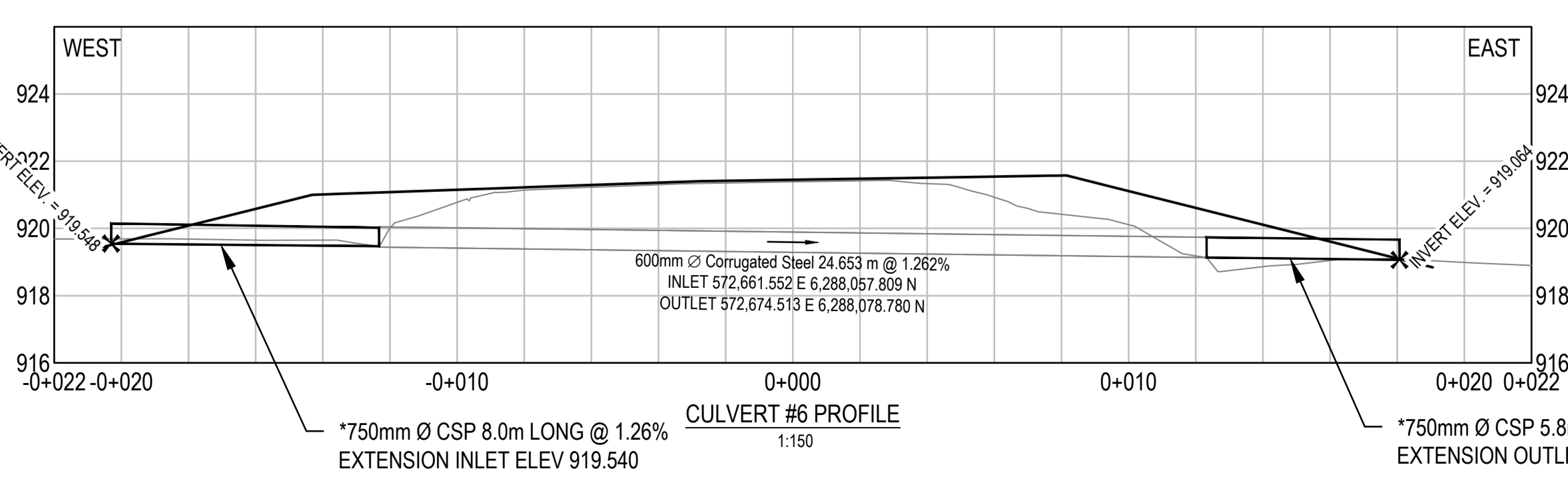
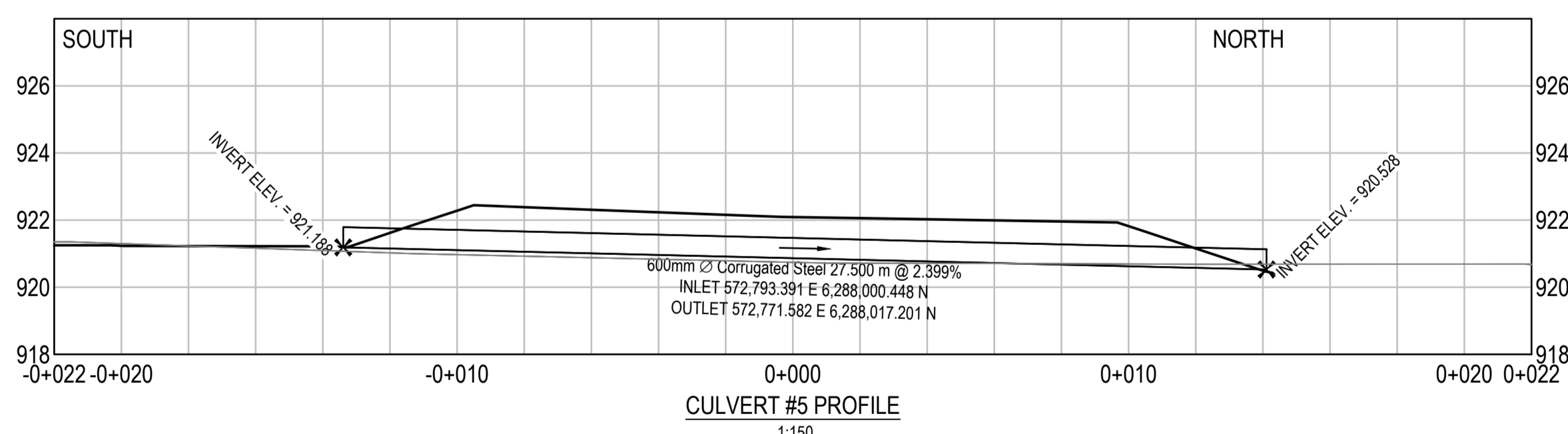
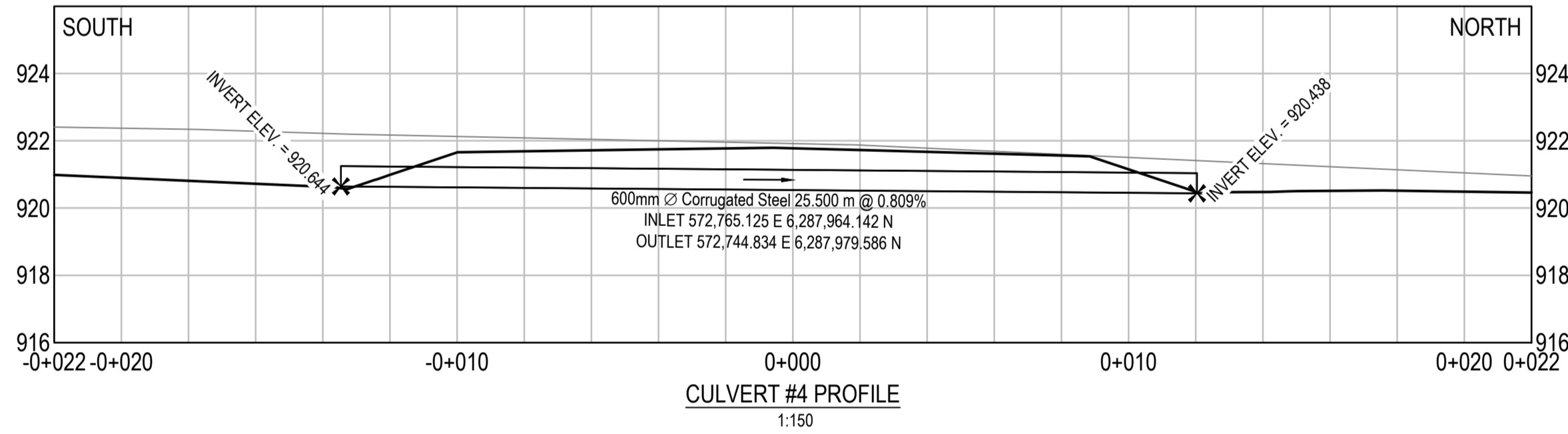
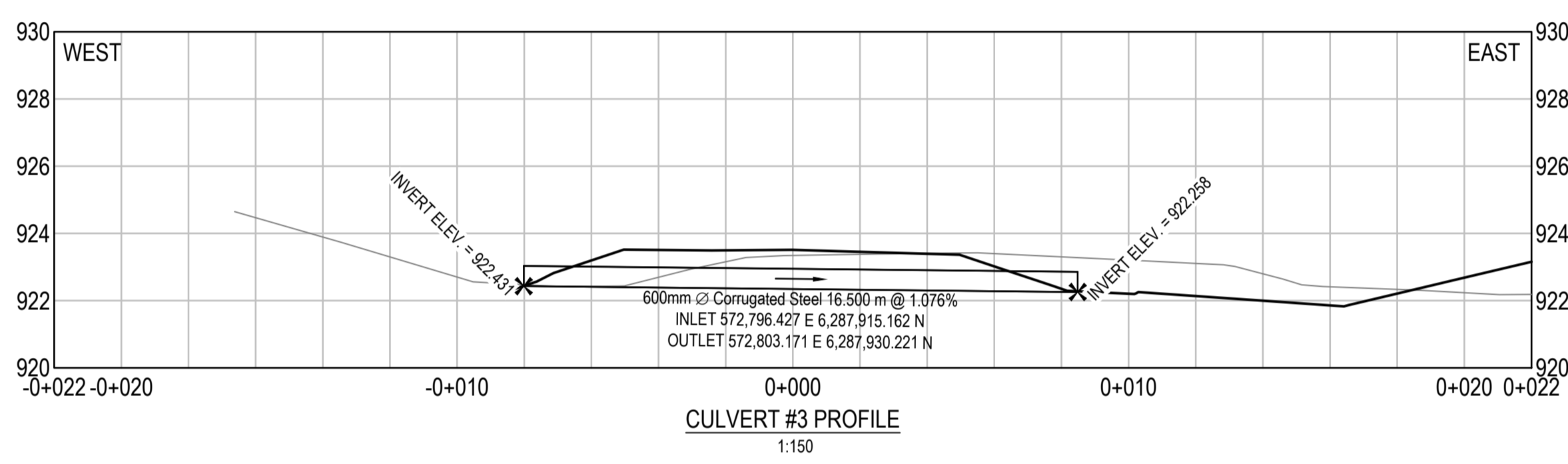
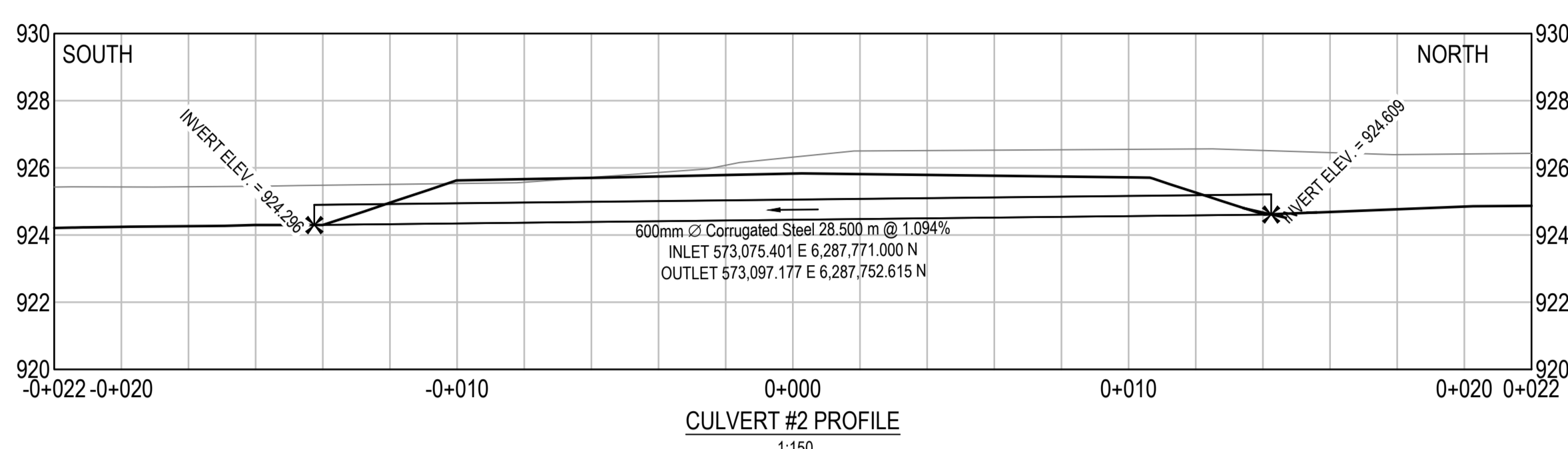
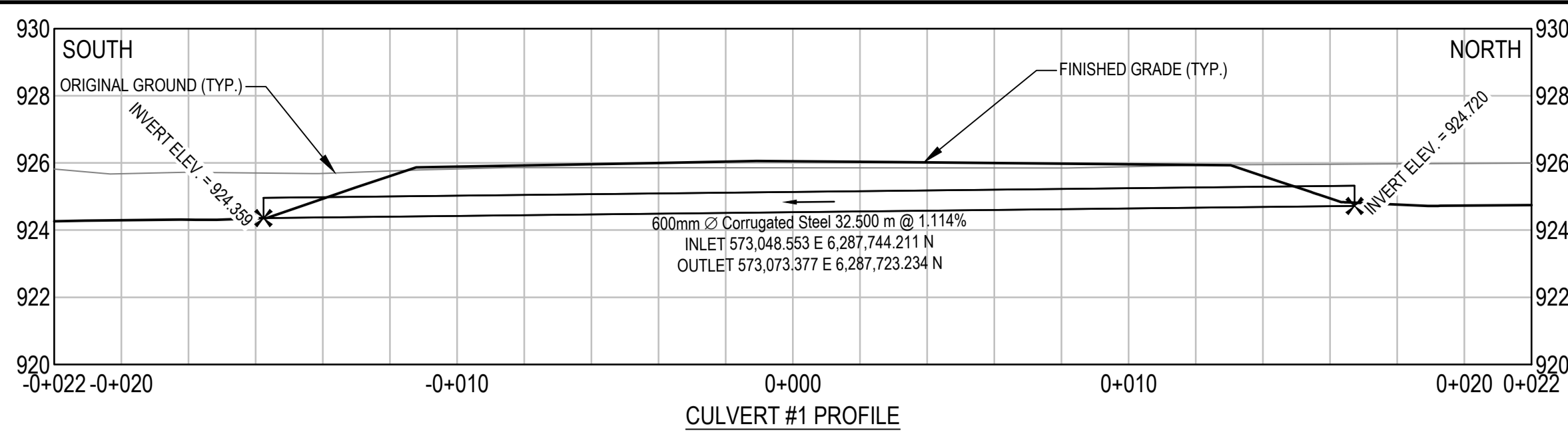


Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

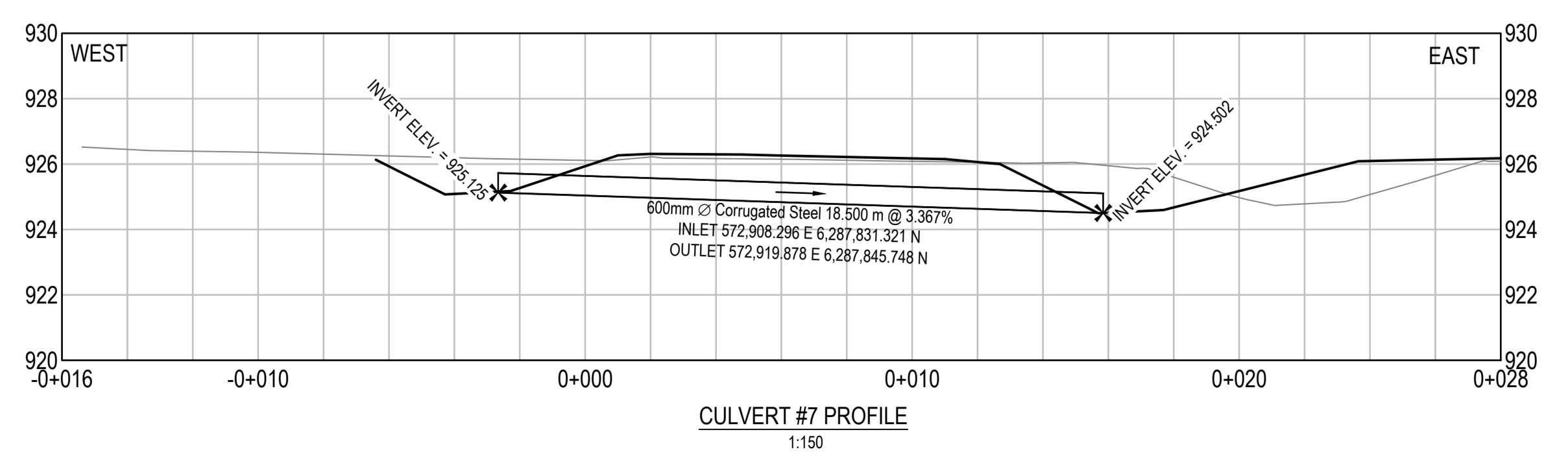
Approved by/Approve par
R.LIU
 Designed by/Concept par
E.YANG
 Drawn by/Dessine par
E.WILLIAMS
 PWGSC Project Manager/Administrateur de Projets TPSCG
V.WONG
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG
 Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
TYPICAL SECTIONS & DETAILS CULVERTS

Project No./No. du projet R.017173.321	Sheet/Fauille C304 OF	Revision no./La Révision no. 0
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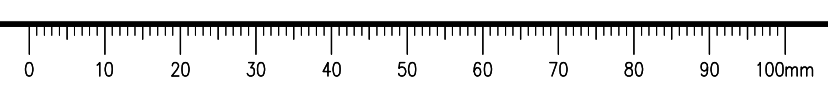
NOTE:
 1. ALL CUTS TO BE TREATED WITH ZINC RICH PAINT FOR EXISTING CULVERT EXTENSION



I:\Local\alLegacy\Vanouver\Transportation\TRN\VHM\Projects\TRN\VHM\03092 Alaska Hwy Wonwon Buckinghorse Intersection\40 - CADD\C303-304 BARRIER & CULVERT DETAILS.dwg [C304] July 25, 2018 - 3:40:50 pm (BY: WILLIAMS, ETHAN)

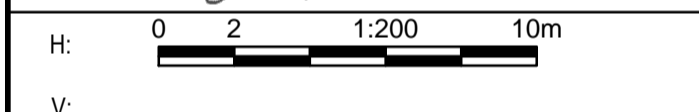
FOR PLAN / PROFILES SEE SERIES C100

*CONTRACTOR TO VERIFY CULVERT SIZE IN FIELD BEFORE CONSTRUCTION



ISSUED FOR TENDER

- GENERAL NOTES:
 1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
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0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



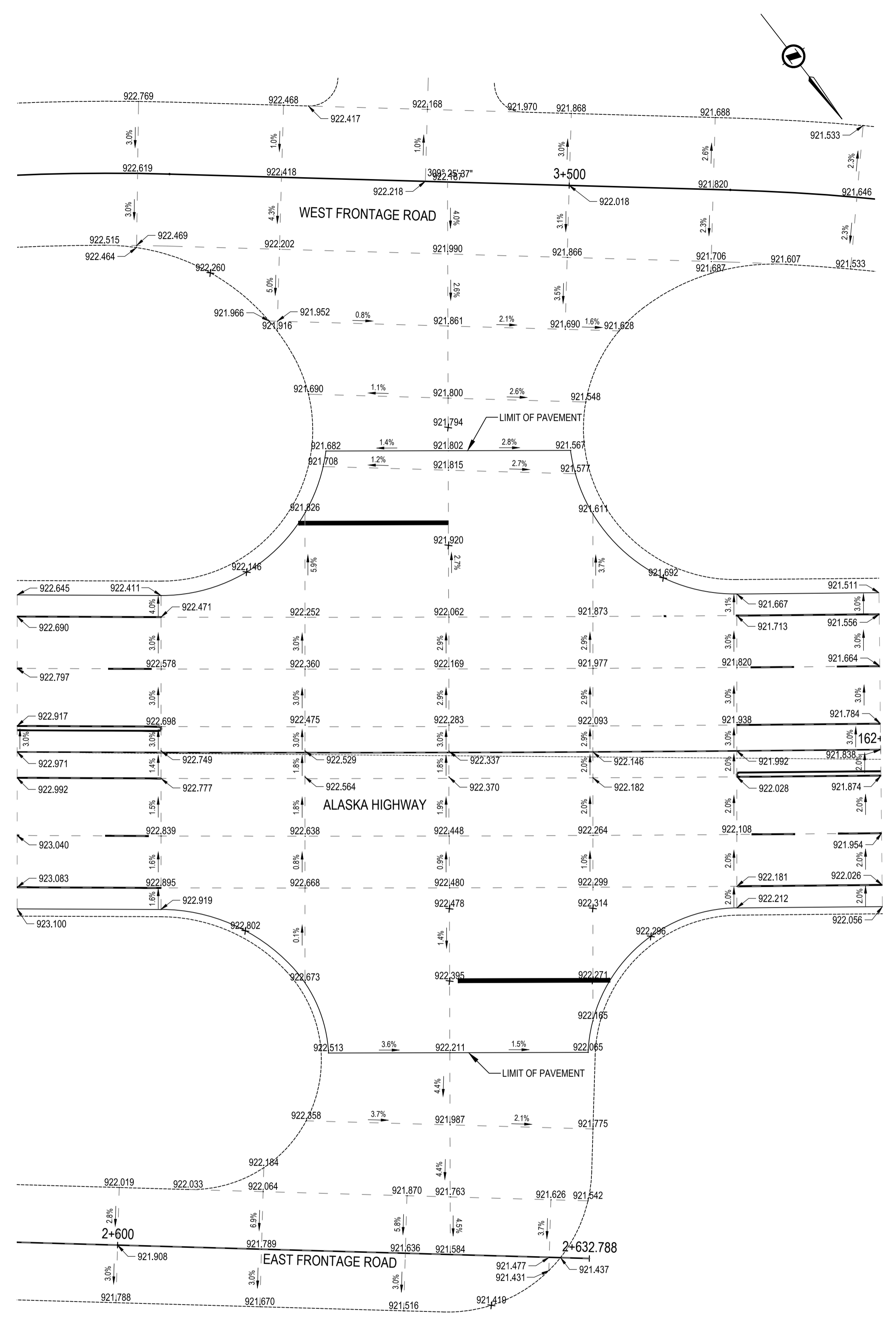
Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approuvé par
R.LIU
 Designed by/Concept par
E.YANG
 Drawn by/Dessiné par
E.WILLIAMS
 PWGSC Project Manager/Administrateur de Projets TPSCG
V.WONG
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

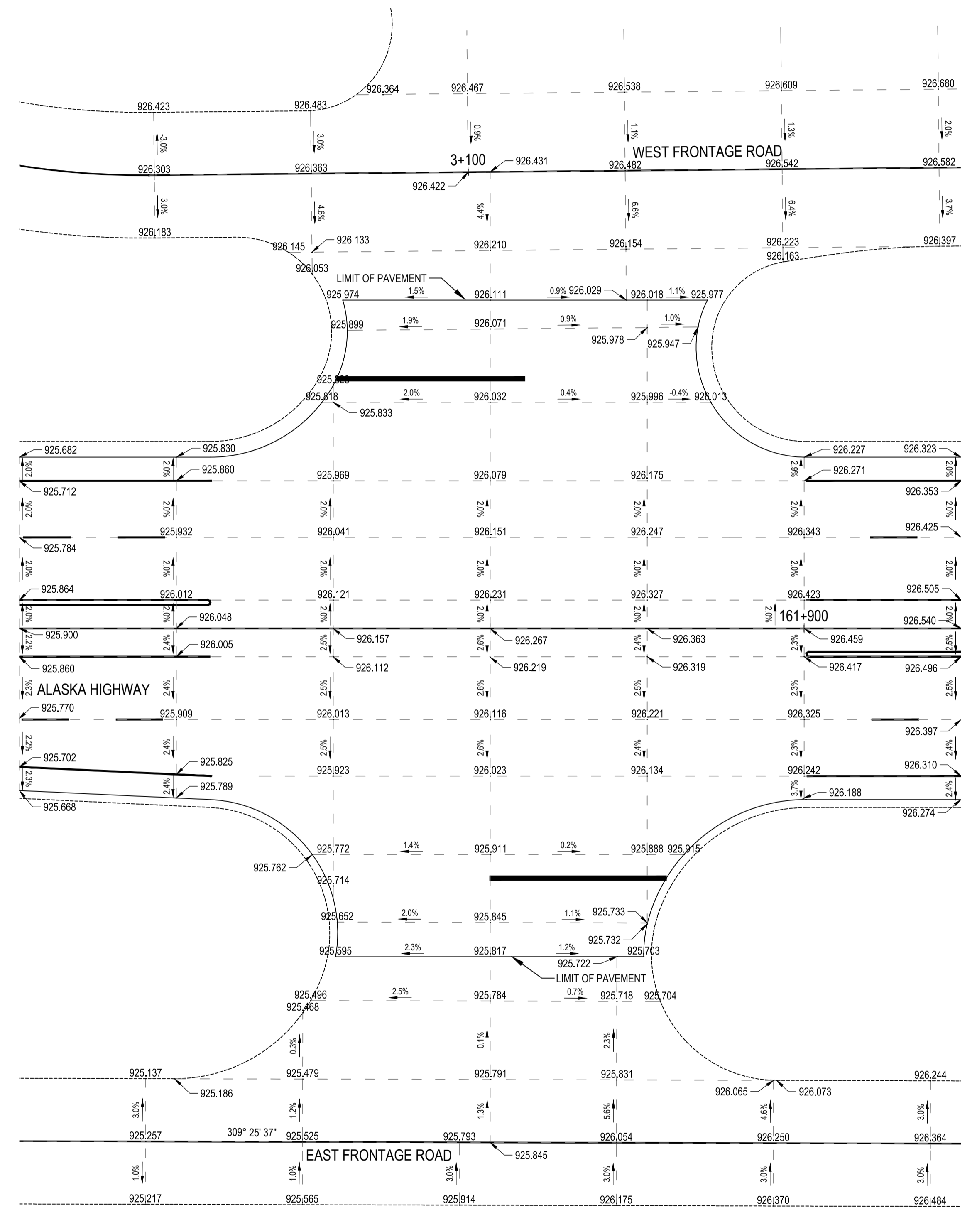
Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
SPOT ELEVATIONS NORTH & SOUTH INTERSECTIONS

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C401	0
	OF	



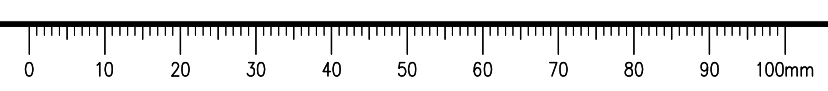
NORTH INTERSECTION
 SCALE 1:200



SOUTH INTERSECTION
 SCALE 1:200

NOTES:
 1. ELEVATIONS ARE AT EDGE OF PAVEMENT FOR HIGHWAY AND AT EDGE OF GRAVEL FOR FRONTAGE ROADS

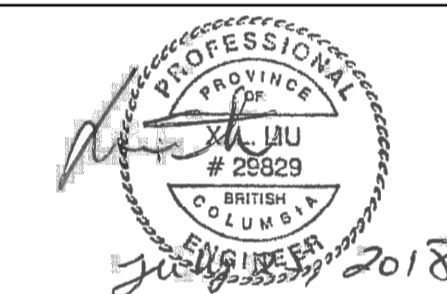
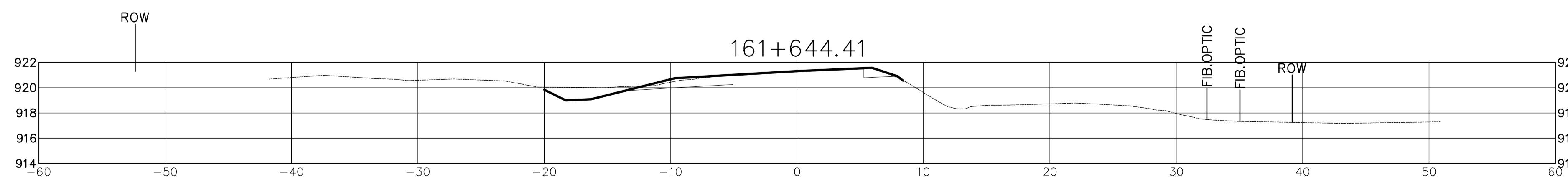
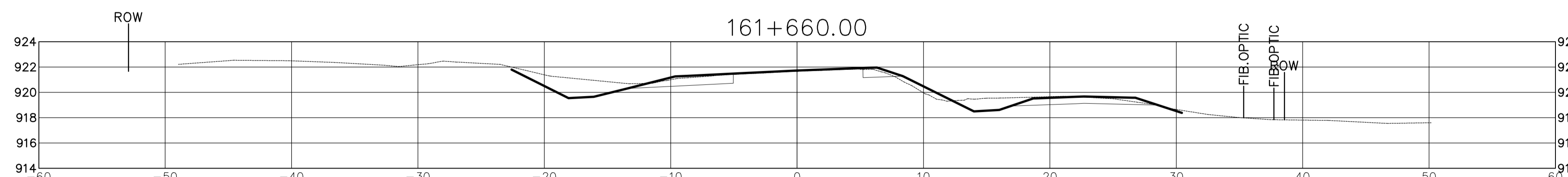
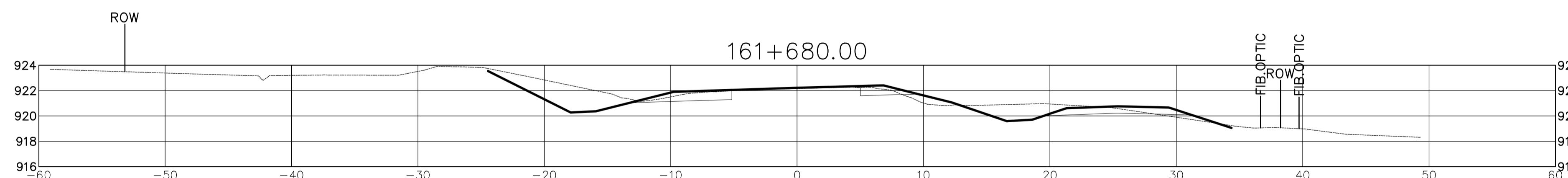
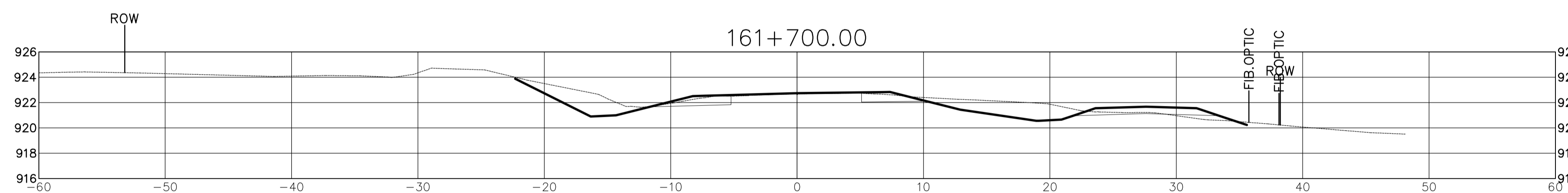
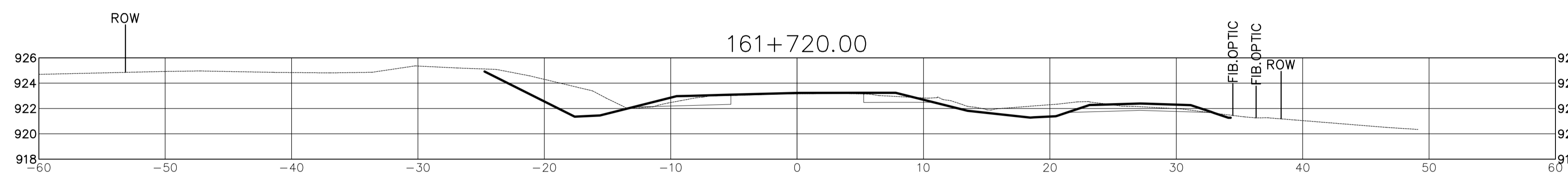
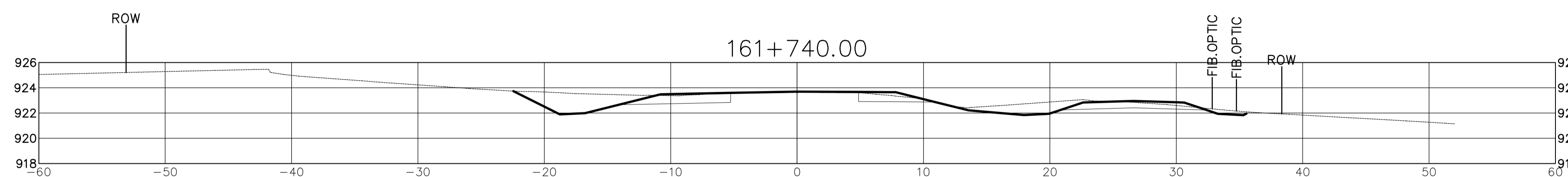
- DESIGN SPEED:**
ALASKA HWY 70 km/h
- DESIGN VEHICLE:** WB-20
- FOR PLAN / PROFILES SEE SERIES C100**
- FOR GEOMETRICS, LANING, SIGNING & PAVEMENT MARKINGS SEE SERIES C200**
- FOR TYPICAL SECTIONS SEE SERIES C300**



I:\Local\al\Legacy\lancouvet\Transportation\TRN\VHW\Projects\TRN\VHW\03092 Alaska Hwy Wonwon Buckinghorse Intersection\40 - CADD\C401 SPOT ELEVATIONS.dwg [C401 July 25, 2018 - 3:41:54 pm] (BY: WILLIAMS, ETHAN)

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. DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017



H:		
V:		
0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date
Client/client		

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

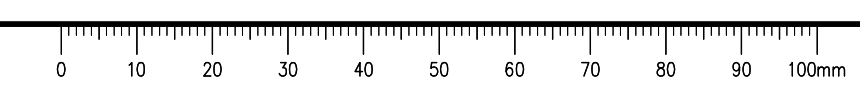
Approved by/Approve par
R.LIU
Designed by/Concept par
E.YANG
Drawn by/Dessine par
E.WILLIAMS
PWGSC Project Manager/Administrateur de Projets TPSCC
V.WONG
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCC

Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
CROSS SECTIONS STA 161+644.41 TO STA 161+740.000

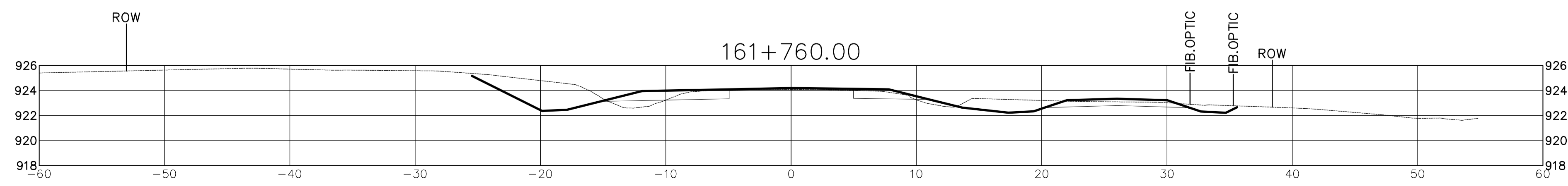
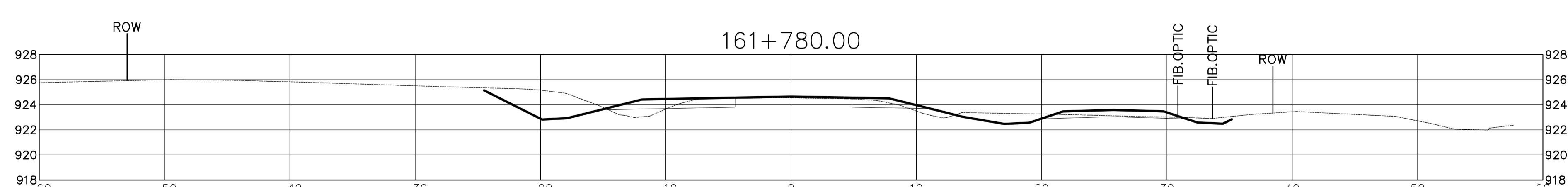
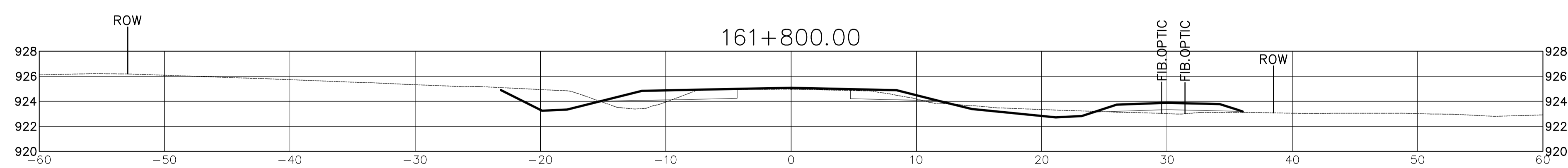
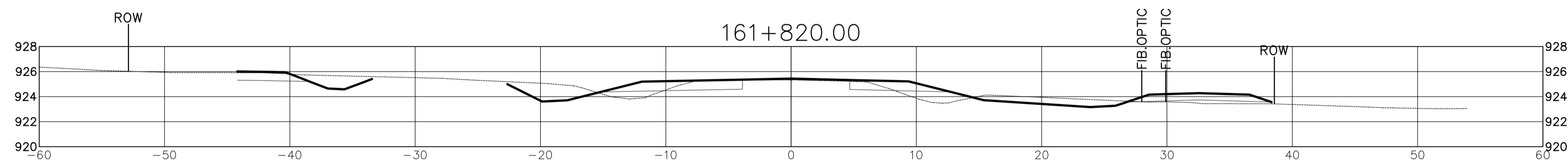
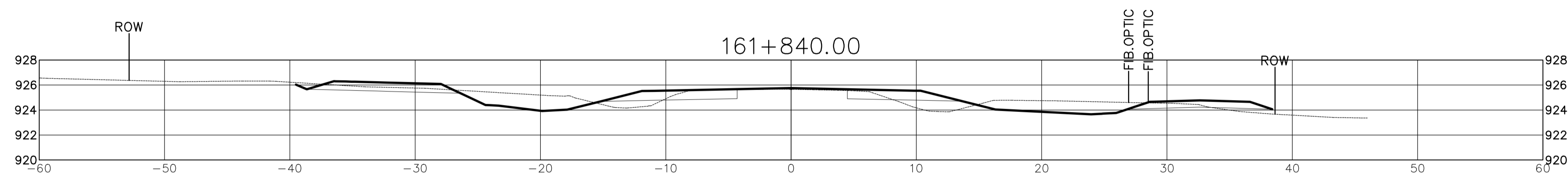
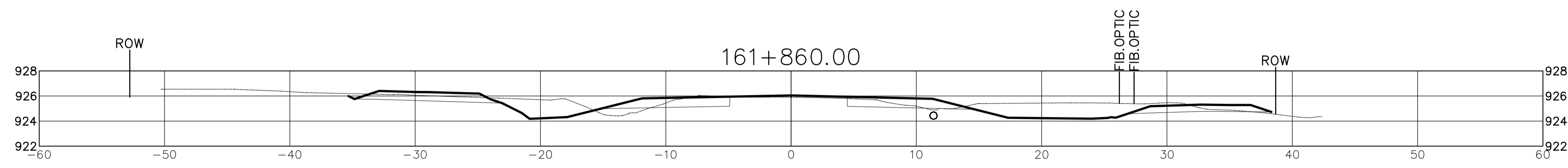
Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C501	0
	OF	

\\l:\local\l\Legacy\Vanouver\Transportation\TRN\VHMV\Projects\TRN\VHMV\03092 Alaska Hwy Wonwon Buckinghorse Intersection\40 - CADD\C301-506 CROSS SECTIONS.dwg (5/01) July 25, 2018 - 3:43:24 pm (BY: WILLIAMS, ETHAN)



ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
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0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date
Client/client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

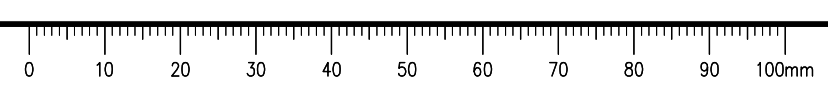
Approved by/Approve par
R.LIU
Designed by/Concept par
E.YANG
Drawn by/Dessine par
E.WILLIAMS
PWGSC Project Manager/Administrateur de Projets TPSCG
V.WONG
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
CROSS SECTIONS STA 161+760.000 TO STA 161+860.000

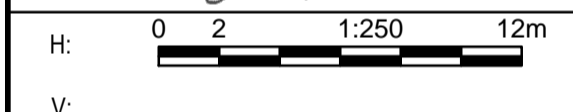
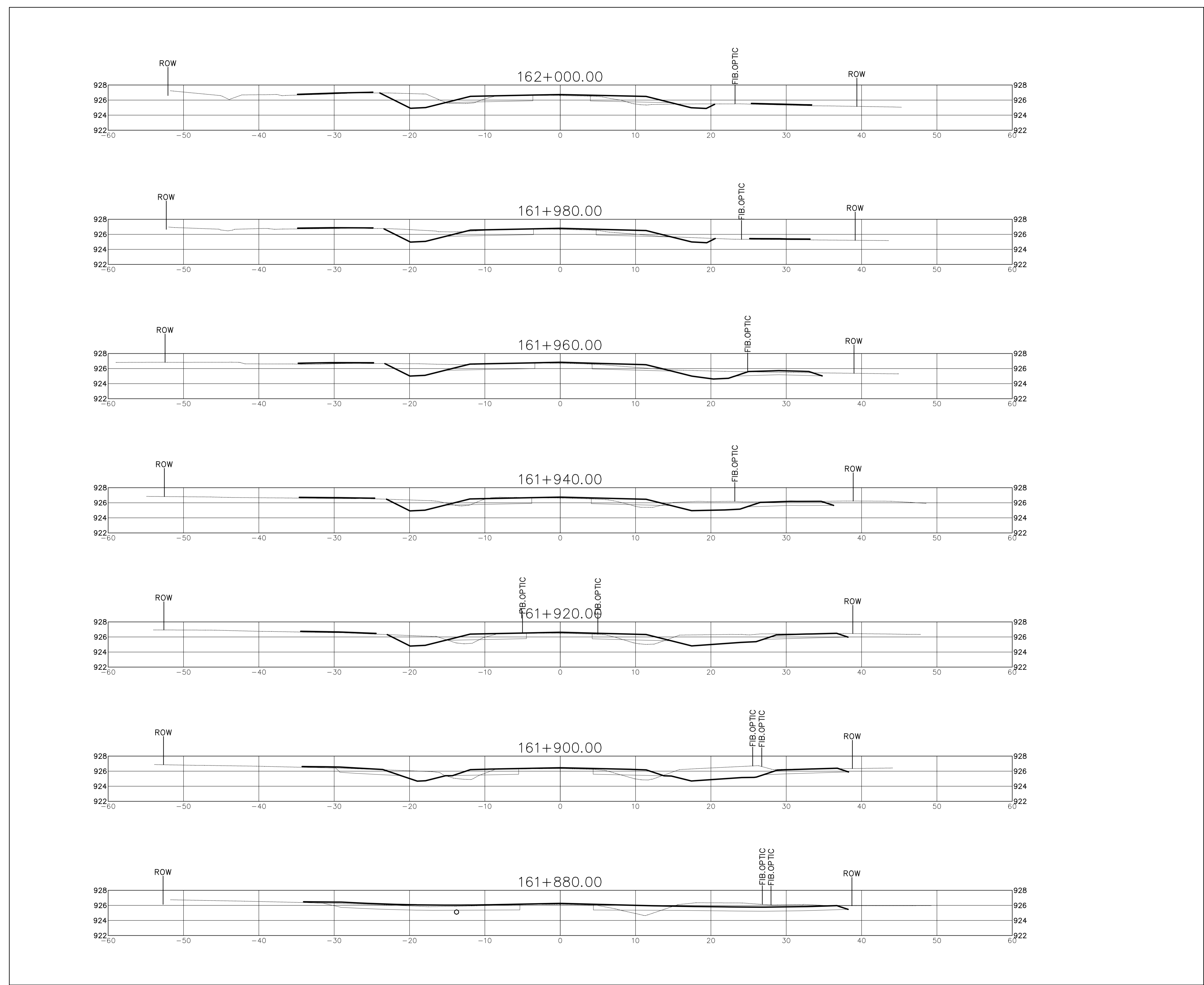
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R.017173.321	C502	0
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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
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0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date
Client/client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
R.LIU

Designed by/Concept par
E.YANG

Drawn by/Dessine par
E.WILLIAMS

PWGSC Project Manager/Administrateur de Projets TPSCC
V.WONG

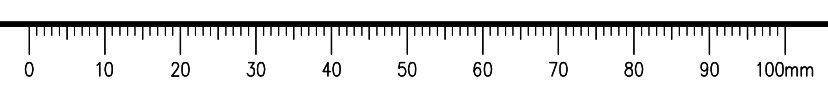
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCC

Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
CROSS SECTIONS STA 161+880.000 TO STA 162+000.000

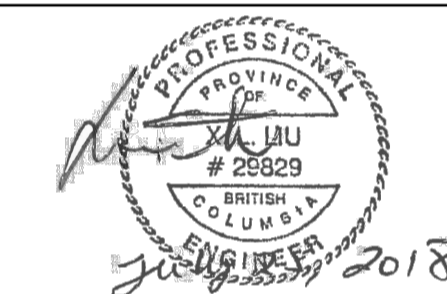
Project No./No. du projet R.017173.321	Sheet/Fauille C503	Revision no./La Révision no. 0
OF		

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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. DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017



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V:				
0	ISSUED FOR TENDER	18/07/25		
Revision/	Description/Description	Date/Date		
Client/client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA			

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



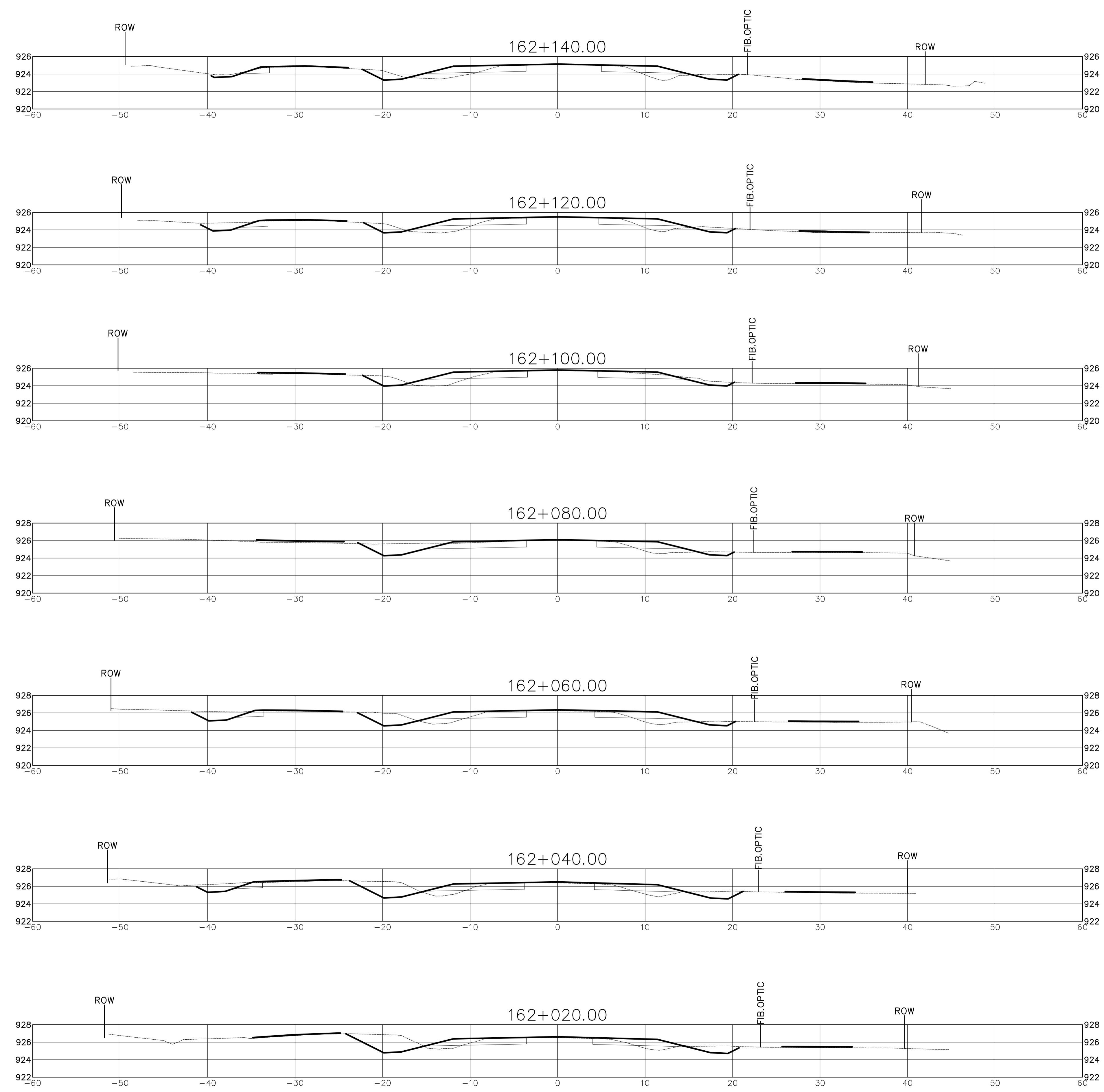
Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
R.LIU
 Designed by/Concept par
E.YANG
 Drawn by/Dessine par
E.WILLIAMS
 PWGSC Project Manager/Administrateur de Projets TPSCC
V.WONG
 PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCC

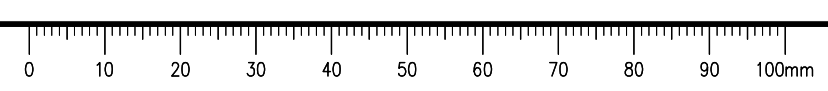
Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
CROSS SECTIONS STA 162+020.000 TO STA 162+140.000

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C504 OF	0

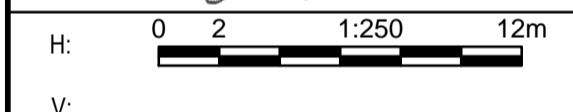
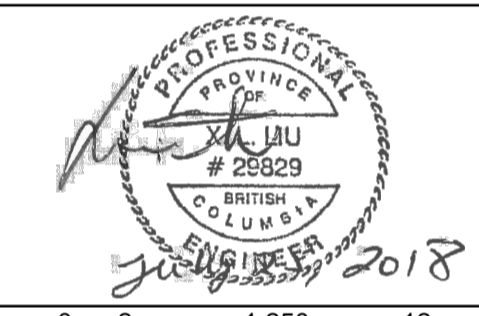
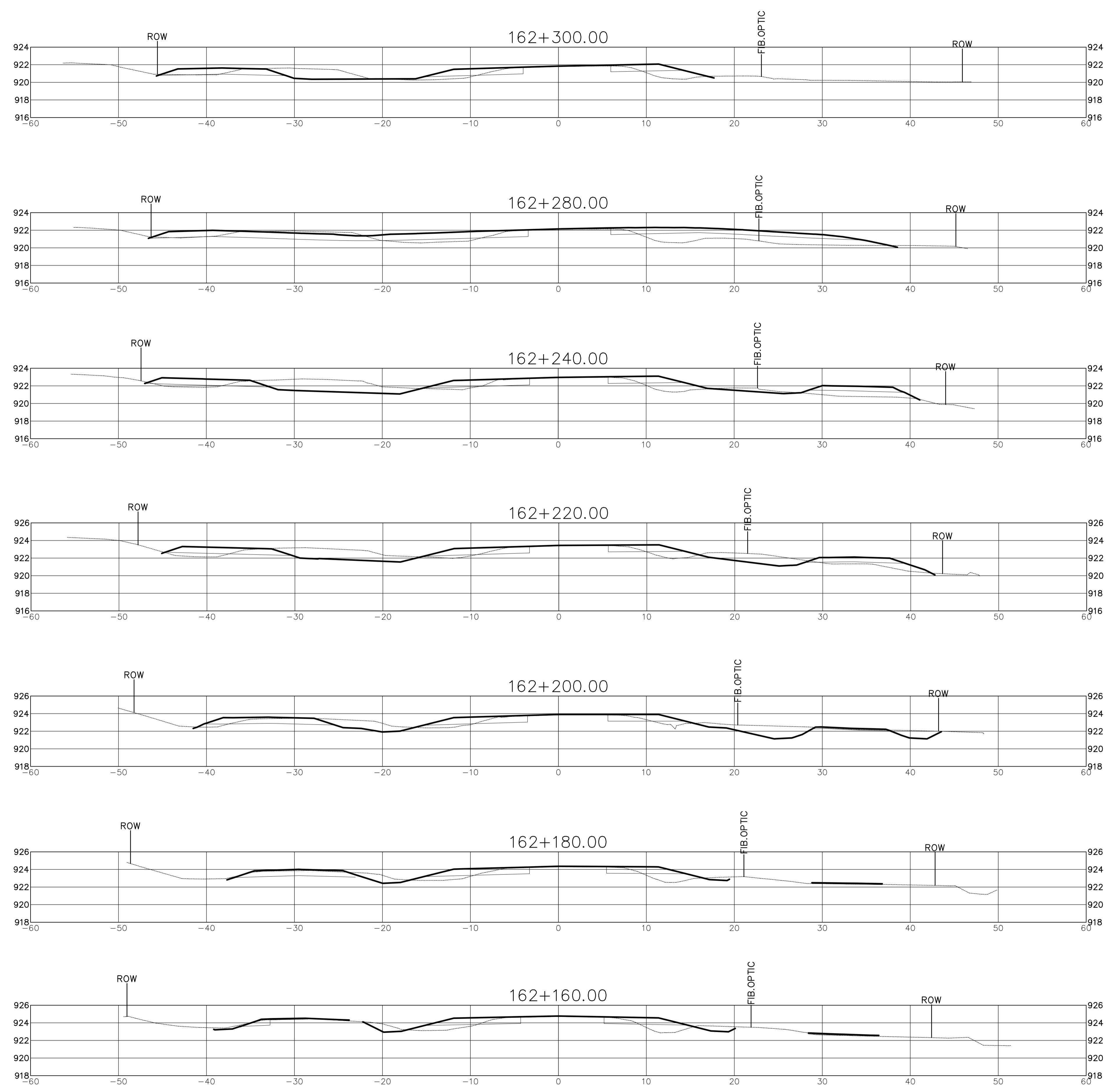


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ISSUED FOR TENDER

- 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. DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017



0	ISSUED FOR TENDER	18/07/25
Revision/	Description/Description	Date/Date
Client/client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
R.LIU

Designed by/Concept par
E.YANG

Drawn by/Dessine par
E.WILLIAMS

PWSC Project Manager/Administrateur de Projets TPSCG
V.WONG

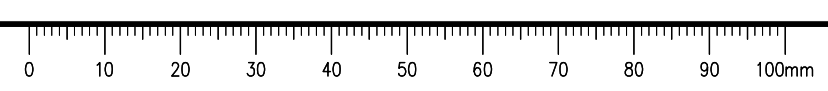
PWSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
CROSS SECTIONS STA 162+160.000 TO STA 162+300.000

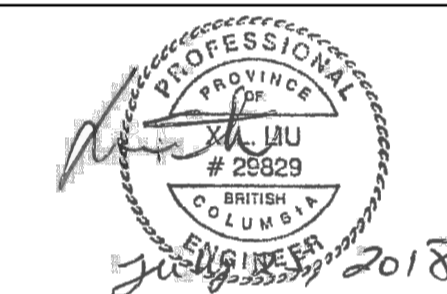
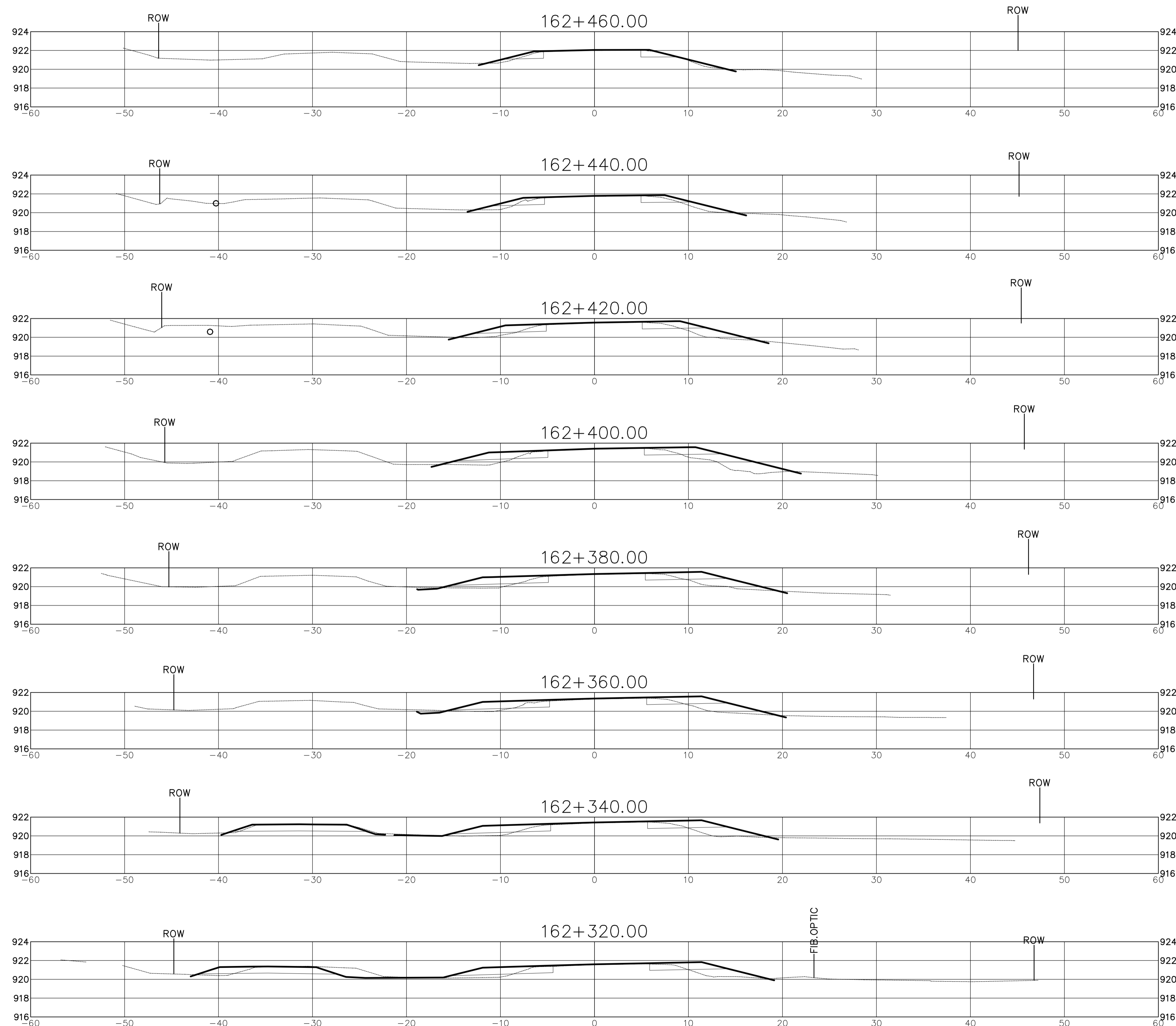
Project No./No. du projet R.017173.321	Sheet/Fauille C505 OF	Revision no./La Révision no. 0
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ISSUED FOR TENDER

- GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
 3. DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017



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0	ISSUED FOR TENDER	18/07/25
Revision/ Révision	Description/Description	Date/Date

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

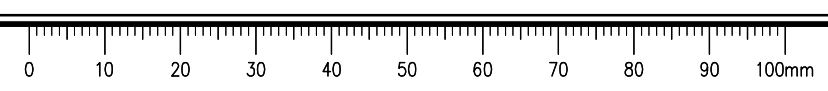
Approved by/Approuvé par
R.LIU
Designed by/Concept par
E.YANG
Drawn by/Dessiné par
E.WILLIAMS
PWGSC Project Manager/Administrateur de Projets TPSCG
V.WONG
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
CROSS SECTIONS STA 162+320.000 TO STA 162+460.000

Project No./No. du projet R.017173.321	Sheet/Fauille C506 OF	Revision no./La Révision no. 0
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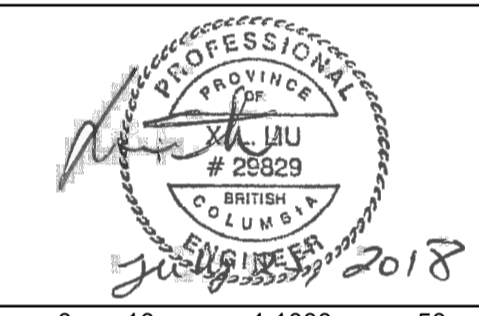
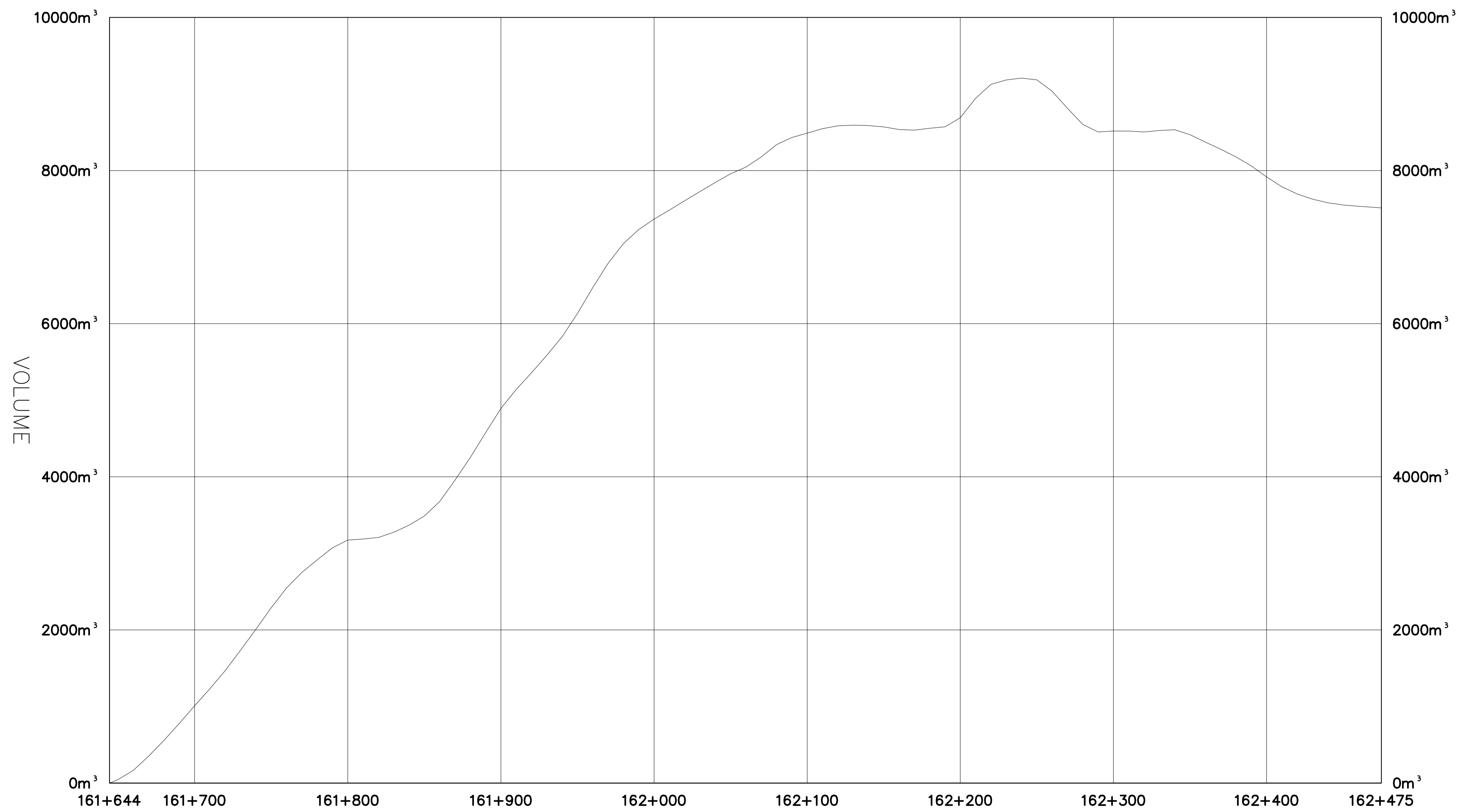
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ISSUED FOR TENDER

GENERAL NOTES:
1. DIMENSIONS, COORDINATES, ELEVATIONS ARE IN METRES UNLESS NOTED OTHERWISE
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
3. DESIGN IS BASED ON SURVEY BY APEX SURVEYING SOLUTIONS LTD., RECEIVED OCTOBER 17, 2017

WONOWON INTERSECTION IMPROVEMENTS – MASS HAUL DIAGRAM



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V:

Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER	18/07/25

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project title/Titre du projet
WONOWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
R.LIU

Designed by/Concept par
E.YANG

Drawn by/Dessine par
E.WILLIAMS

PWGSC Project Manager/Administrateur de Projets TPSCG
V.WONG

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

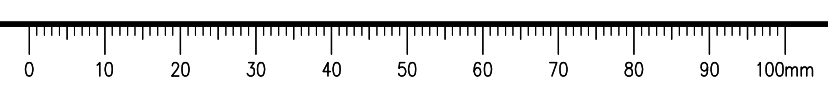
Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
MASS HAUL DIAGRAM

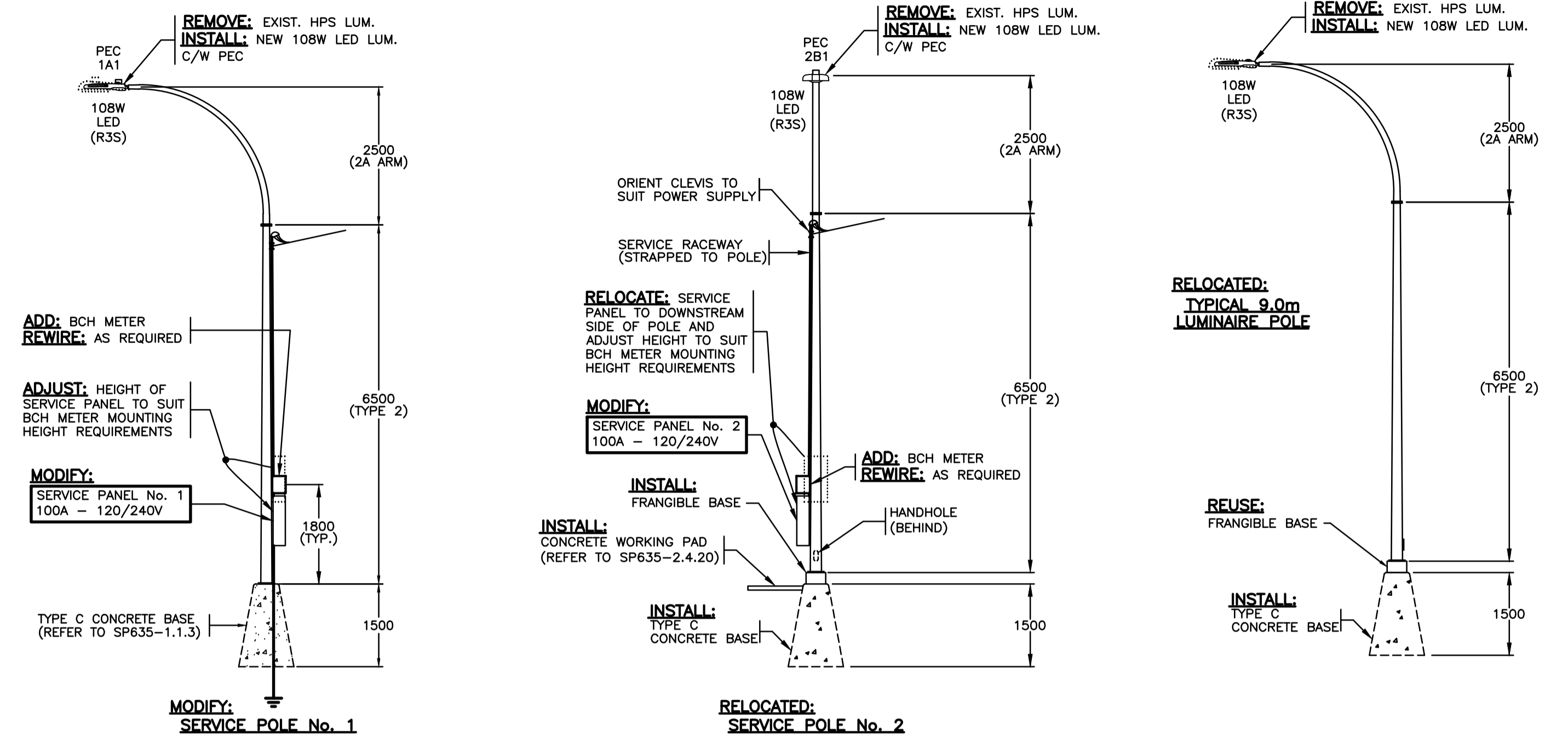
Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.017173.321	C601	0
	OF	

- NOTES:
1. THE MASS HAUL DIAGRAM IS JUST FOR CONTRACTOR'S INFORMATION ONLY AND IS NOT INTENDED FOR PAYMENT. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS, STOCKPILES AND DISPOSAL OF WASTE MATERIALS.
 2. THE MASS HAUL DIAGRAM REPRESENTS THE NET VOLUMES OF CUT AND FILL QUANTITIES, IE. THE TOTAL COMMON EXCAVATION AND EMBANKMENT FILL.
 3. A SHRINKAGE FACTOR OF 15% FOR THE EMBANKMENT IS USED IN DETERMINING THE "COMMON EXCAVATION (REUSE)" AND "COMMON EXCAVATION (WASTE)" IN THE UNIT PRICE TABLE.

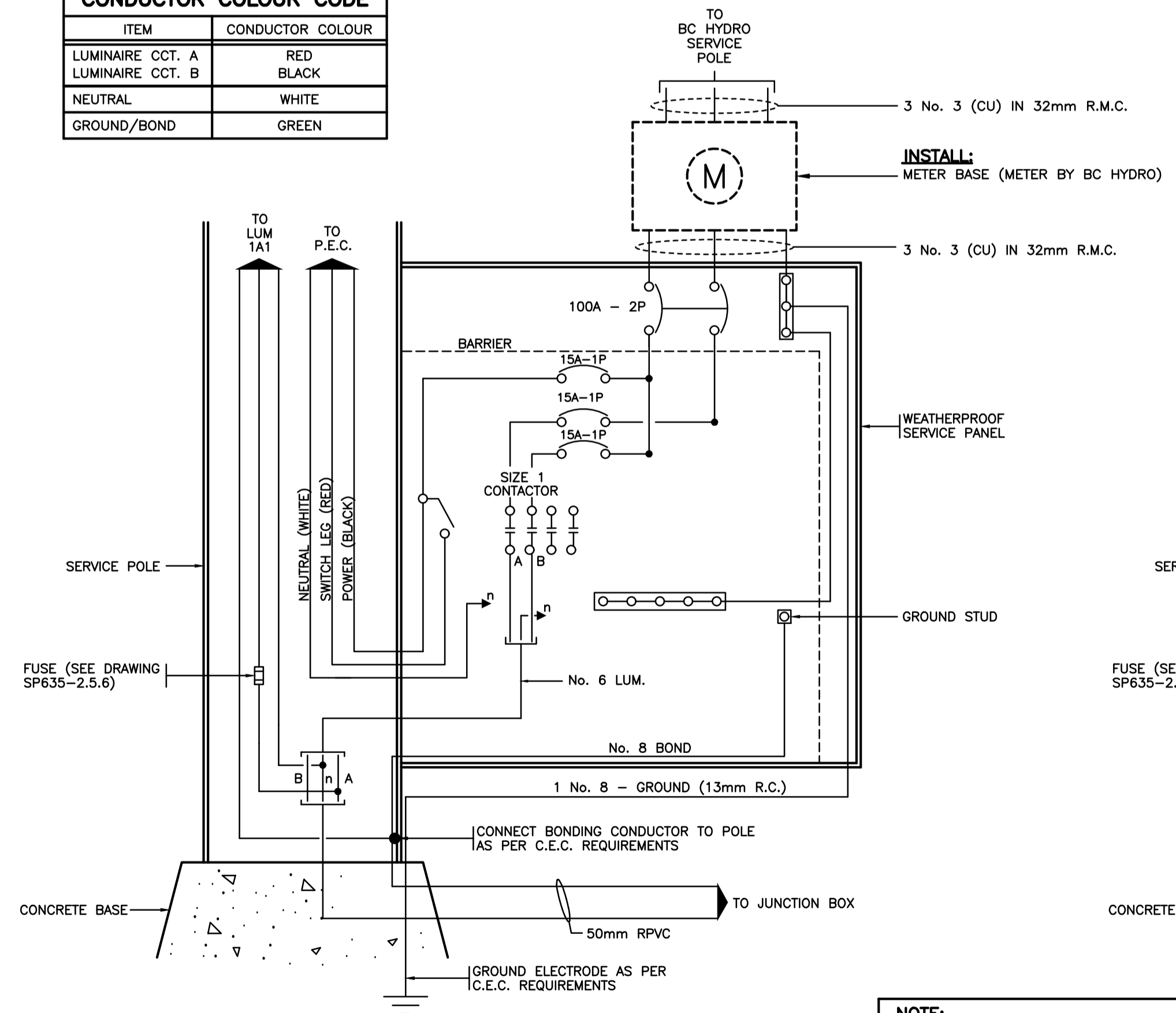
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ISSUED FOR TENDER

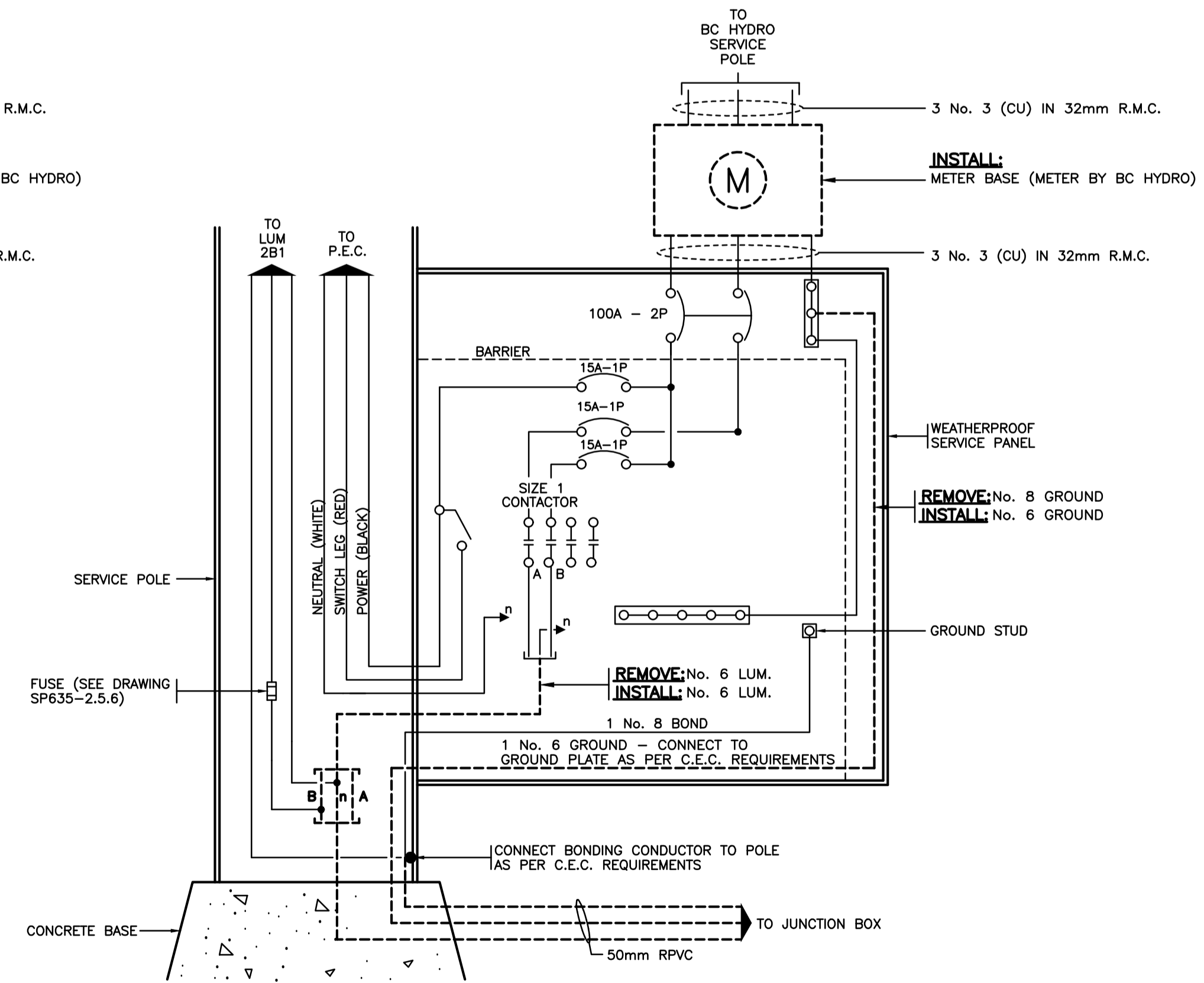


CONDUCTOR COLOUR CODE	
ITEM	CONDUCTOR COLOUR
LUMINAIRE CCT. A	RED
LUMINAIRE CCT. B	BLACK
NEUTRAL	WHITE
GROUND/BOND	GREEN



MODIFY:
WIRING DIAGRAM - SERVICE PANEL No. 1
 N.T.S.

NOTE:
EQUIPMENT SHOWN:
 ----- TO BE ADDED



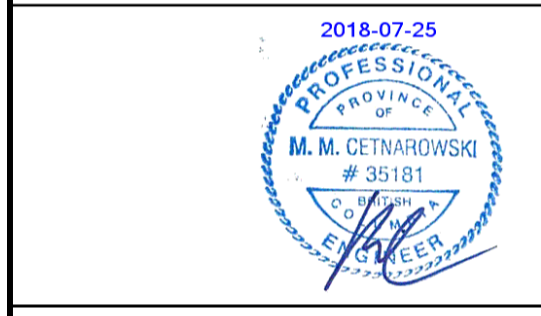
MODIFY:
WIRING DIAGRAM - SERVICE PANEL No. 2
 N.T.S.

ALL EQUIPMENT IS EXISTING EXCEPT WHERE NOTED

ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT WHERE NOTED

REFER TO SHEET 1 FOR LEGEND AND NOTES

SEE "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" FOR APPLICABLE STANDARD DRAWINGS



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0	ISSUED FOR TENDER 18/07/25
Revision/	Description/Description Date/Date

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA



Project Title/Titre du projet
WONOWON INTERSECTION IMPROVEMENTS ALASKA HIGHWAY, BC

Approved by/Approve par
M.CETNAROWSKI
 Designed by/Concept par
E.RUIZ
 Drawn by/Dessine par
J.LIU
 PWGSC Project Manager/Administrateur de Projets TPSCG
V.WONG
 PWGSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG
 Client/client
PUBLIC WORKS GOVERNMENT SERVICES CANADA
 Drawing title/Titre du dessin

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.017173.321	TE-11027-2	0

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