

Table 1: Pricing for Work

Table 1 of Appendix A Schedule D has been revised to account for the work detailed on the attached R.F. Binnie Civil Drawings. Proponents shall use this revised Table 1, dated April 15, for their submissions.

Questions and Answers

The following questions and answers are hereby issued in response to the questions of prospective proponents. The questions and answers are in no particular order.

Q1: Please confirm if h-piles (HP 10x57) in lieu of pipe piles is an acceptable alternative.

A1: The section properties of HP 10x57 piles are considered acceptable for use as an alternative to the specified pipe piles; however, each HP 10x57 pile must be installed in a concrete filled pre-drilled hole that has a minimum diameter of 457 mm to provide proper cover. A temporary steel casing may need to be used to drill the pile holes to avoid hole collapse (no extra payment would be issued for switching to casing). The pile hole concrete shall have a minimum 28-day compressive strength of 25 MPa. The HP 10x57 piles would need to be centered vertically in the wet concrete. The soil cuttings shall be disposed off-site at no extra cost.

Q2: Considering the growing concerns regarding the COVID-19 situation, would the City of White Rock allow proponents to submit submissions electronically, instead of the three hard copies as required in the RFP?

A2: The City no longer requires hard copies of proposals and will accept electronically submitted proposals. Digital copies of proposals shall be sent to cschentag@geowestengineering.com on or before the Submission Deadline. Proponents may still submit their proposals in the form detailed in Part 1 Section 1.6.4 of the RFP if preferred.

Q3: On page 49 of Schedule C, will there be a new schedule sent out or do we modify the existing form.

Q3: Proponents shall modify the existing form provided in the RFP to show the September 2020 start date.

[END OF ADDENDUM]

TABLE 1: PRICING FOR WORK

ITEM NO.	MMCD OR SSP SECTION	SPECIFICATION TITLE	UNIT	EST. QTY	UNIT PRICE	AMOUNT
OPTION 1 – ROADWORKS ONLY WITHIN EXTENTS OF WEST AND EAST AREA						
DIVISION 01 – GENERAL REQUIREMENTS						
	01 53 01	Temporary Facilities				
01.01	1.9.1	Site Hoarding, Storage, Sanitary Facilities	Lump Sum	1	Incidental	\$ -
	01 55 00	Traffic Control, Vehicle Access and Parking				
01.02	1.5.1	Traffic and Pedestrian Control	Lump Sum	1	\$	\$
	01 57 01	Environmental Protection				
01.03	1.6.1	Erosion and Sediment Control	Lump Sum	1	Incidental	\$ -
		Other				
01.05	-	Bonding	Lump Sum	1	\$	\$
01.06	SSP15	Contractor Submissions	Lump Sum	1	\$	\$
Option 1 Division 01 Subtotal:					\$	
DIVISION 03 – CONCRETE						
	03 30 20	Concrete Walks, Curbs and Gutters				
03.01	1.4.3	Concrete Barrier Curb & Gutter (MMCD C4)	Lineal Metre	115	\$	\$
03.02	1.4.5	Concrete Sidewalks and Ramps (100mm Thick) (MMCD C2) (Incl. Granular Base)	Square Metre	241	\$	\$
	03 30 53	Cast-In-Place Concrete				
03.03	1.5.3	Reinforced Concrete Grade Beam (Excl. Excavation and Backfill)	Cubic Metre	60	\$	\$
Option 1 Division 03 Subtotal:					\$	
DIVISION 31 – EARTHWORKS						
	31 24 13	Roadway Excavation, Embankment and Compaction				
31.01	SSP17	Mass Excavation and Removal (includes curbs, gutters, sidewalks, pavers, etc.)	Lump Sum	1	\$	\$
31.02	SSP18	Common Excavation – Dispose Offsite (includes subgrade preparation and compaction)	Cubic Metre	323	\$	\$
Option 1 Division 31 Subtotal:					\$	

TABLE 1: PRICING FOR WORK (continued)

ITEM NO.	MMCD OR SSP SECTION	SPECIFICATION TITLE	UNIT	EST. QTY	UNIT PRICE	AMOUNT
DIVISION 32 – ROADS AND SITE IMPROVEMENTS						
	32 01 16.7	Cold Milling				
32.01	1.5.1	Surface Milling (Average 40mm Thick)	Square Metre	240	\$	\$
32.02	1.5.1	Full Depth Milling – Dispose Offsite	Square Metre	557	\$	\$
	32 11 16.1	Granular Subbase				
32.03	1.4.2	75mm Minus Crushed Granular Subbase	Metric Tonne	411	\$	\$
	32 11 23	Granular Base				
32.04	1.4.2	19mm Minus Crushed Granular Base	Metric Tonne	205	\$	\$
	32 12 13.1	Asphalt Tack Coat				
32.05	1.5.1	Asphalt Tack Coat – Emulsified Asphalt	Square Metre	810	\$	\$
	32 12 16	Hot-Mix Asphalt Concrete Paving				
32.06	1.5.1	Asphalt Pavement - Upper Course #1 (40mm Thick Overlay)	Metric Tonne	23	\$	\$
32.07	1.5.1	Asphalt Pavement - Upper Course #1 (50mm Thick)	Metric Tonne	67	\$	\$
32.08	1.5.1	Asphalt Pavement - Lower Course #1 (50mm Thick)	Metric Tonne	68	\$	\$
	32 17 23	Painted Pavement Markings				
32.09	1.5.3	Permanent Thermoplastic Pavement Markings (Square One Paving Ltd. to be retained)	Lump Sum	1	\$	\$
	32 31 13	Chain Link Fences and Gates				
32.10	1.5.4	Black Handrail (MMCD C14)	Lineal Metre	108	\$	\$
Option 1 Division 32 Subtotal:					\$	
DIVISION A – DEEP FOUNDATIONS						
		STEEL PIPE PILES				
A.01	SSP19	P1 Pile – 15 m Long 8” Schedule 40 Steel Pipe (Includes 47 bags of Microsil grout per pile)	Each	31	\$	\$
A.02	SSP19	P2 Pile – 9 m Long 6” Schedule 80 Steel Pipe (Includes 17 bags of Microsil grout per pile)	Each	42	\$	\$
Option 1 Division A Subtotal:					\$	

TABLE 1: PRICING FOR WORK (continued)

ITEM NO.	MMCD OR SSP SECTION	SPECIFICATION TITLE	UNIT	EST. QTY	UNIT PRICE	AMOUNT
OPTION 2 – ROADWORKS INCLUDING AREAS BETWEEN WEST AND EAST AREA						
DIVISION 01 – GENERAL REQUIREMENTS						
	01 53 01	Temporary Facilities				
01.01	1.9.1	Site Hoarding, Storage, Sanitary Facilities	Lump Sum	1	Incidental	\$ -
	01 55 00	Traffic Control, Vehicle Access and Parking				
01.02	1.5.1	Traffic and Pedestrian Control	Lump Sum	1	\$	\$
	01 57 01	Environmental Protection				
01.03	1.6.1	Erosion and Sediment Control	Lump Sum	1	Incidental	\$ -
		Other				
01.05	-	Bonding	Lump Sum	1	\$	\$
01.06	SSP15	Contractor Submissions	Lump Sum	1	\$	\$
Option 2 Division 01 Subtotal:					\$	
DIVISION 03 – CONCRETE						
	03 30 20	Concrete Walks, Curbs and Gutters				
03.01	1.4.3	Concrete Barrier Curb & Gutter (MMCD C4)	Lineal Metre	115	\$	\$
03.02	1.4.5	Concrete Sidewalks and Ramps (100mm Thick) (MMCD C2) (Incl. Granular Base)	Square Metre	241	\$	\$
	03 30 53	Cast-In-Place Concrete				
03.03	1.5.3	Reinforced Concrete Grade Beam (Excl. Excavation and Backfill)	Cubic Metre	60	\$	\$
Option 2 Division 03 Subtotal:					\$	
DIVISION 31 – EARTHWORKS						
	31 24 13	Roadway Excavation, Embankment and Compaction				
31.01	SSP17	Mass Excavation and Removal (includes curbs, gutters, sidewalks, pavers, etc.)	Lump Sum	1	\$	\$
31.02	SSP18	Common Excavation – Dispose Offsite (Includes subgrade preparation and compaction)	Cubic Metre	463	\$	\$
Option 2 Division 31 Subtotal:					\$	

TABLE 1: PRICING FOR WORK (continued)

ITEM NO.	MMCD OR SSP SECTION	SPECIFICATION TITLE	UNIT	EST. QTY	UNIT PRICE	AMOUNT
DIVISION 32 – ROADS AND SITE IMPROVEMENTS						
	32 01 16.7	Cold Milling				
32.01	1.5.1	Surface Milling (Average 40 mm Thick)	Square Metre	320	\$	\$
32.02	1.5.1	Full Depth Milling – Dispose Offsite	Square Metre	907	\$	\$
	32 11 16.1	Granular Subbase				
32.03	1.4.2	75mm Minus Crushed Granular Subbase	Metric Tonne	647	\$	\$
	32 11 23	Granular Base				
32.04	1.4.2	19 mm Minus Crushed Granular Base	Metric Tonne	320	\$	\$
	31 12 13.1	Asphalt Tack Coat				
32.05	1.5.1	Asphalt Tack Coat – Emulsified Asphalt	Square Metre	1227	\$	\$
	32 12 16	Hot-Mix Asphalt Concrete Paving				
32.06	1.5.1	Asphalt Pavement – Upper Course #1 (40 mm Thick Overlay)	Metric Tonne	37	\$	\$
32.07	1.5.1	Asphalt Pavement – Upper Course #1 (50 mm Thick)	Metric Tonne	109	\$	\$
32.08	1.5.1	Asphalt Pavement – Lower Course #1 (50 mm Thick)	Metric Tonne	111	\$	\$
	32 17 23	Painted Pavement Markings				
32.09	1.5.3	Permanent Thermoplastic Pavement Markings (Square One Paving Ltd. to be retained)	Lump Sum	1	\$	\$
	32 31 13	Chain Link Fences and Gates				
32.10	1.5.4	Black Handrail (MMCD C14)	Lineal Metre	108	\$	\$
Option 2 Division 32 Subtotal					\$	
DIVISION A – DEEP FOUNDATIONS						
		STEEL PIPE PILES				
A.01	SSP19	P1 Pile – 15 m Long 8” Schedule 40 Steel Pipe (Includes 47 bags of Microsil grout per pile)	Each	31	\$	\$
A.02	SSP19	P2 Pile – 9 m Long 6” Schedule 80 Steel Pipe (Includes 17 bags of Microsil grout per pile)	Each	42	\$	\$
Option 2 Division A Subtotal:					\$	

TABLE 1: PRICING FOR WORK (continued)

OPTION 1 SUMMARY		
	Division 01 Subtotal:	\$
	Division 03 Subtotal:	\$
	Division 31 Subtotal:	\$
	Division 32 Subtotal:	\$
	Division A Subtotal:	\$
	TOTAL EXCLUDING GST:	\$
	GST (5%):	\$
	TOTAL TENDER PRICE:	\$
OPTION 2 SUMMARY		
	Division 01 Subtotal:	\$
	Division 03 Subtotal:	\$
	Division 31 Subtotal:	\$
	Division 32 Subtotal:	\$
	Division A Subtotal:	\$
	TOTAL EXCLUDING GST:	\$
	GST (5%):	\$
	TOTAL TENDER PRICE:	\$

END OF SECTION

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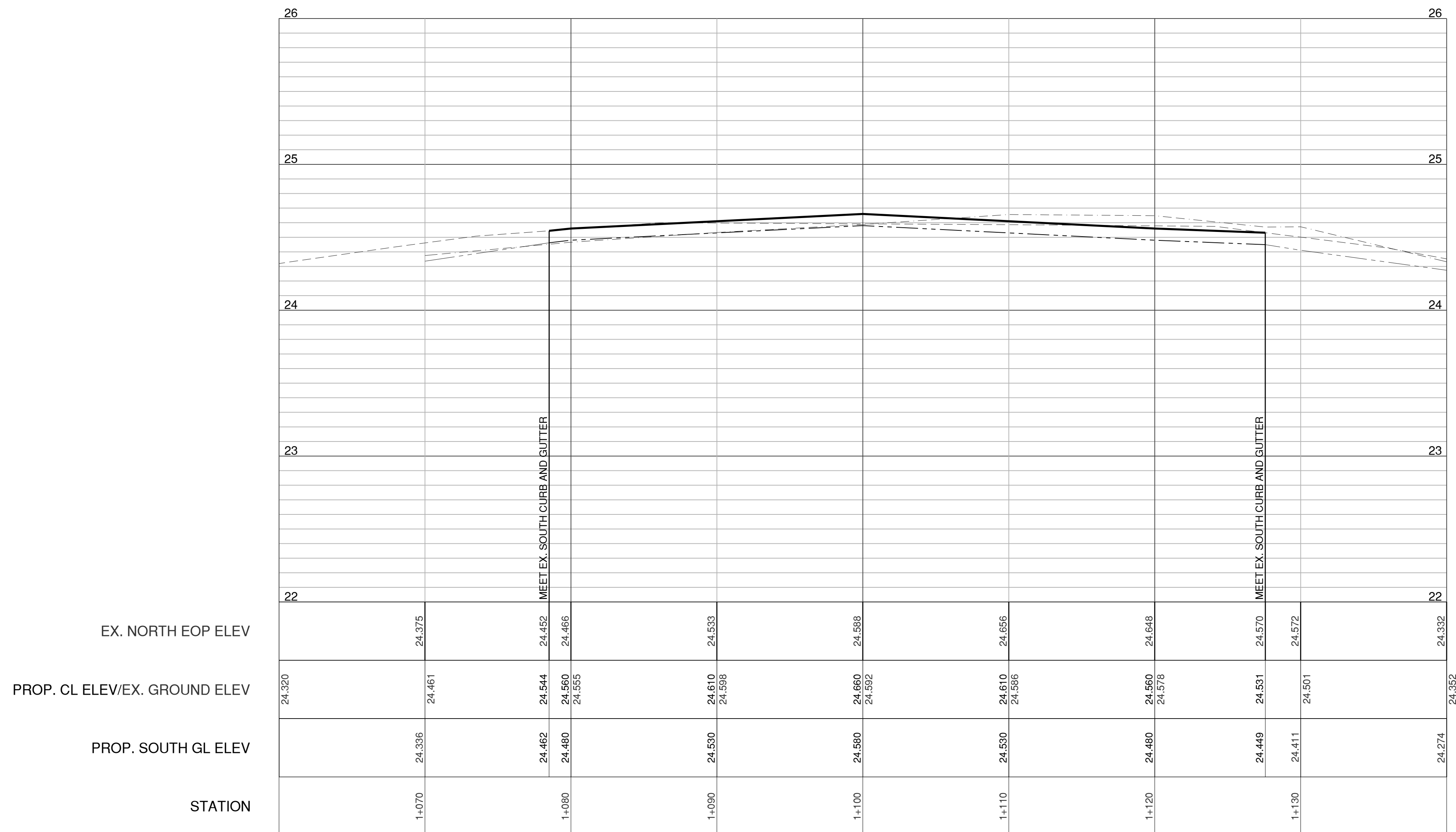
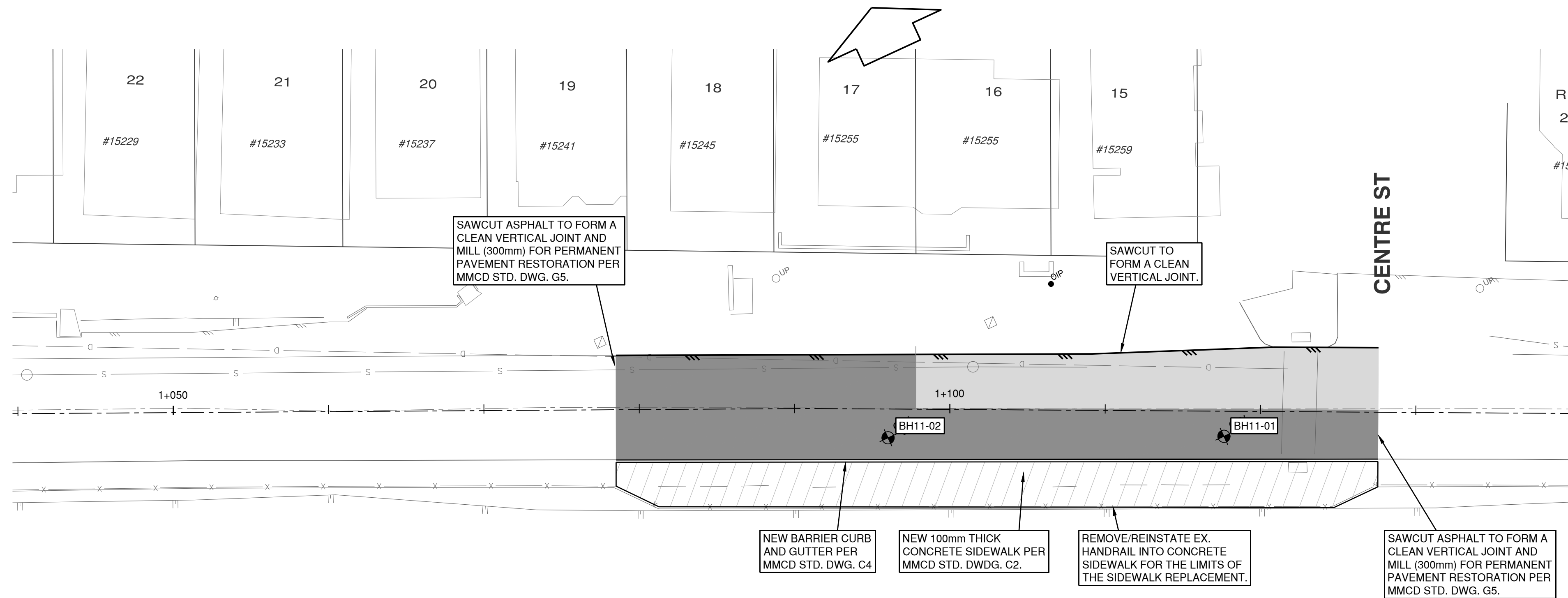
1. DURING CONSTRUCTION, TEMPORARILY REMOVE EXISTING SIGNS THAT WOULD BE IMPACTED BY CONSTRUCTION AND REINSTATE THEM AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
2. ADJUST COVERS/LIDS OF ALL EXISTING MANHOLES, WATER VALVES AND GATE VALVES TO SUIT PROPOSED WORKS.
3. REFER TO GEOWEST DRAWING - B1.02 REV 1 FOR ROAD WORKS DRAWING.
4. REFER TO GEOWEST DRAWING - B2.01 REV 1 FOR TYPICAL SECTION.


FULL DEPTH RECONSTRUCTION

- 100mm THICK ASPHALTIC PAVEMENT (40mm UC#1, 60mm THICK LC#1 COMPACTED TO 95% MODIFIED PROCTOR DENSITY
- 150mm THICK 19mm MINUS GRANULAR CRUSHED BASE COMPACTED TO 95% MODIFIED PROCTOR DENSITY
- 300mm THICK 75mm MINUS GRANULAR MINUS CRUSHED SUBBASE COMPACTED TO 95% MODIFIED PROCTOR DENSITY

SURFACE MILL 40mm THICK AND REPAVE WITH UC#1 ASPHALTIC PAVEMENT COMPACTED TO 95% MODIFIED PROCTOR DENSITY.

CONCRETE SIDEWALK



CLIENT	CITY OF WHITE ROCK 877 KEIL STREET, WHITE ROCK, BC, V4B 4V6		SURVEYED BY ##### DRAWN BY SV DESIGNED BY RA CHECKED BY RA	<div> <div> <div>0</div> <div>H 1:200</div> <div>8m</div> </div> <div> <div>0</div> <div>V 1:20</div> <div>1m</div> </div> </div>	<div> <div>DATE</div> <div>2020-04-13</div> </div> <div> <div>DRAWING No.</div> <div>20-0216-R1</div> </div> <div> <div>SHEET</div> <div>1</div> <div>OF</div> <div>5</div> <div>REV.</div> <div>#</div> </div> <div> <div>DESTROY ALL PRINTS BEARING PREVIOUS No.</div> <div>  </div> </div>
	DRAWING DESCRIPTION	MARINE DRIVE HUMP ROADWORKS			

R.F. BINNIE & ASSOCIATES LTD.
314-9440 202 Street
Langley, BC V1M 4A6
TEL 604 574 3336
BINNIE.com

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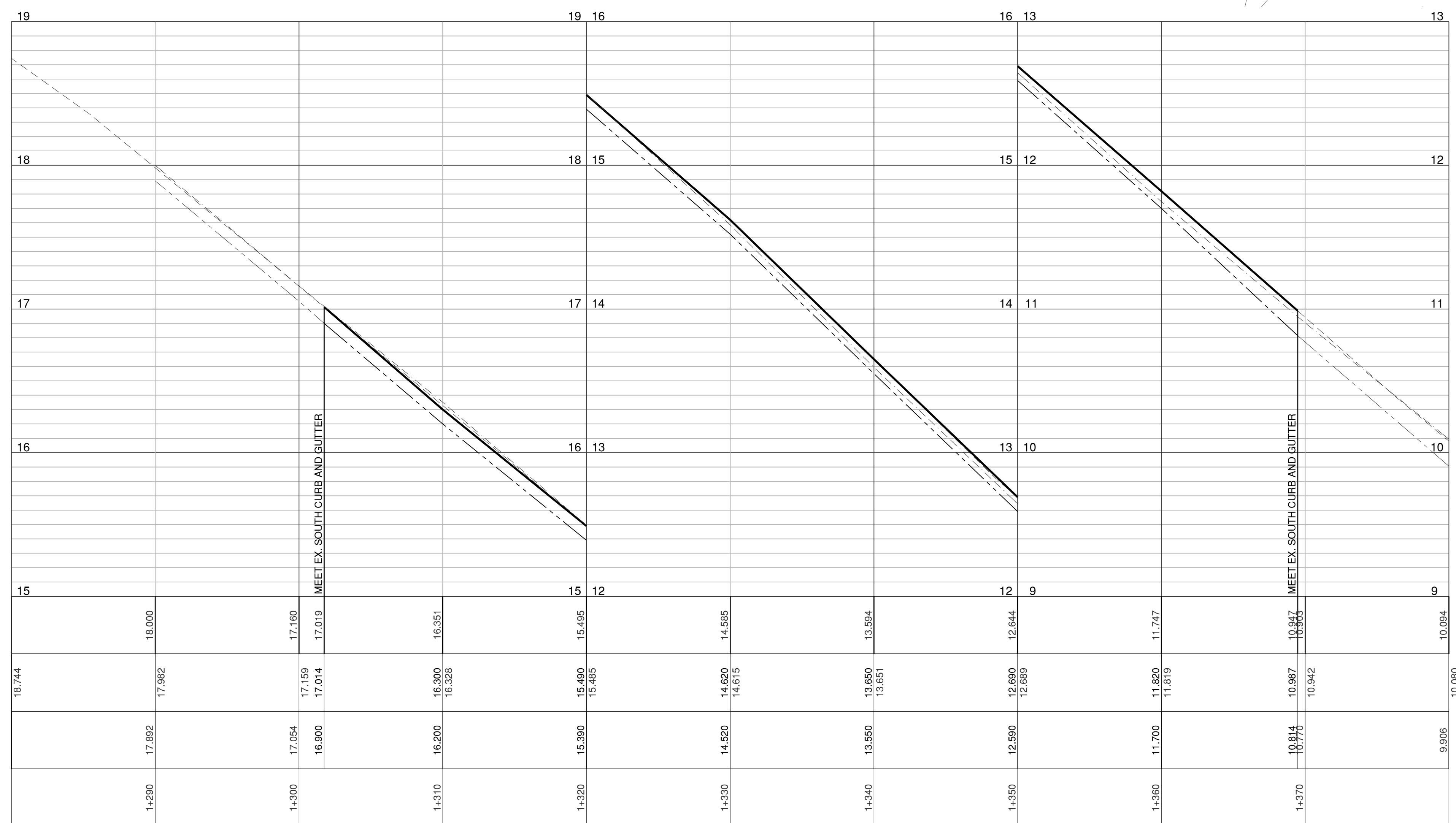
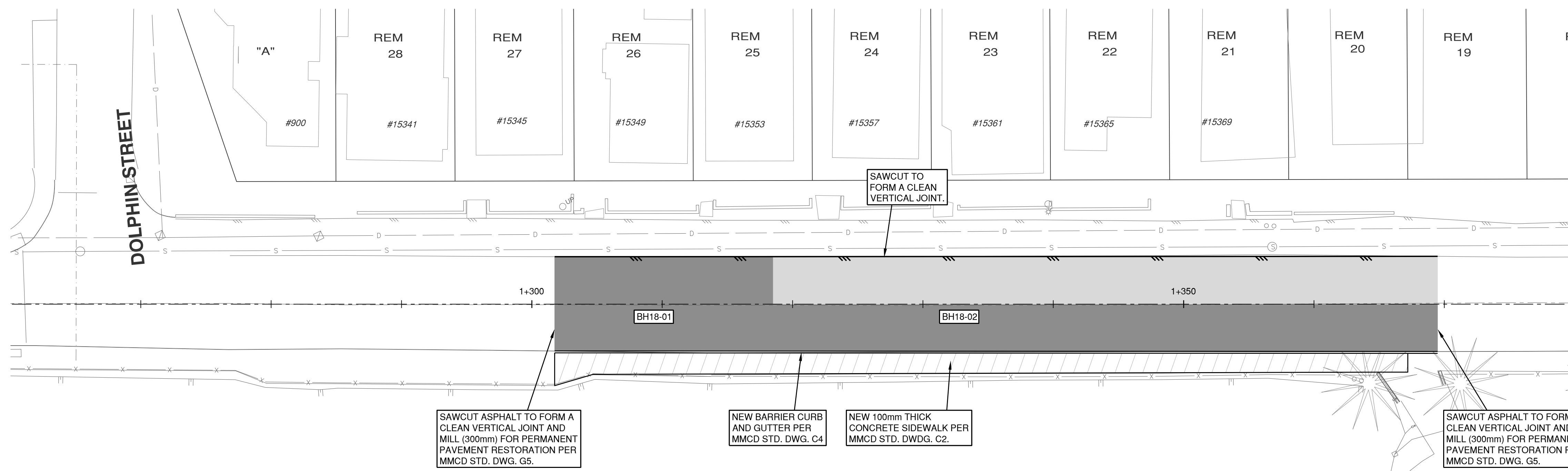
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3. REFER TO GEOWEST DRAWING - B1.03 REV 1 FOR ROAD WORKS DRAWING.
4. REFER TO GEOWEST DRAWING - B2.02 REV 1 FOR TYPICAL SECTION.

FULL DEPTH RECONSTRUCTION

- 100mm THICK ASPHALTIC PAVEMENT (40mm UC#1, 60mm THICK LC#1 COMPACTED TO 95% MODIFIED PROCTOR DENSITY
- 150mm THICK 19mm MINUS GRANULAR CRUSHED BASE COMPACTED TO 95% MODIFIED PROCTOR DENSITY
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SURFACE MILL 40mm THICK AND REPAVE WITH UC#1 ASPHALTIC PAVEMENT COMPACTED TO 95% MODIFIED PROCTOR DENSITY.

CONCRETE SIDEWALK



STATION

SHEET 2 OF 5	RE #
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GRADING PLAN

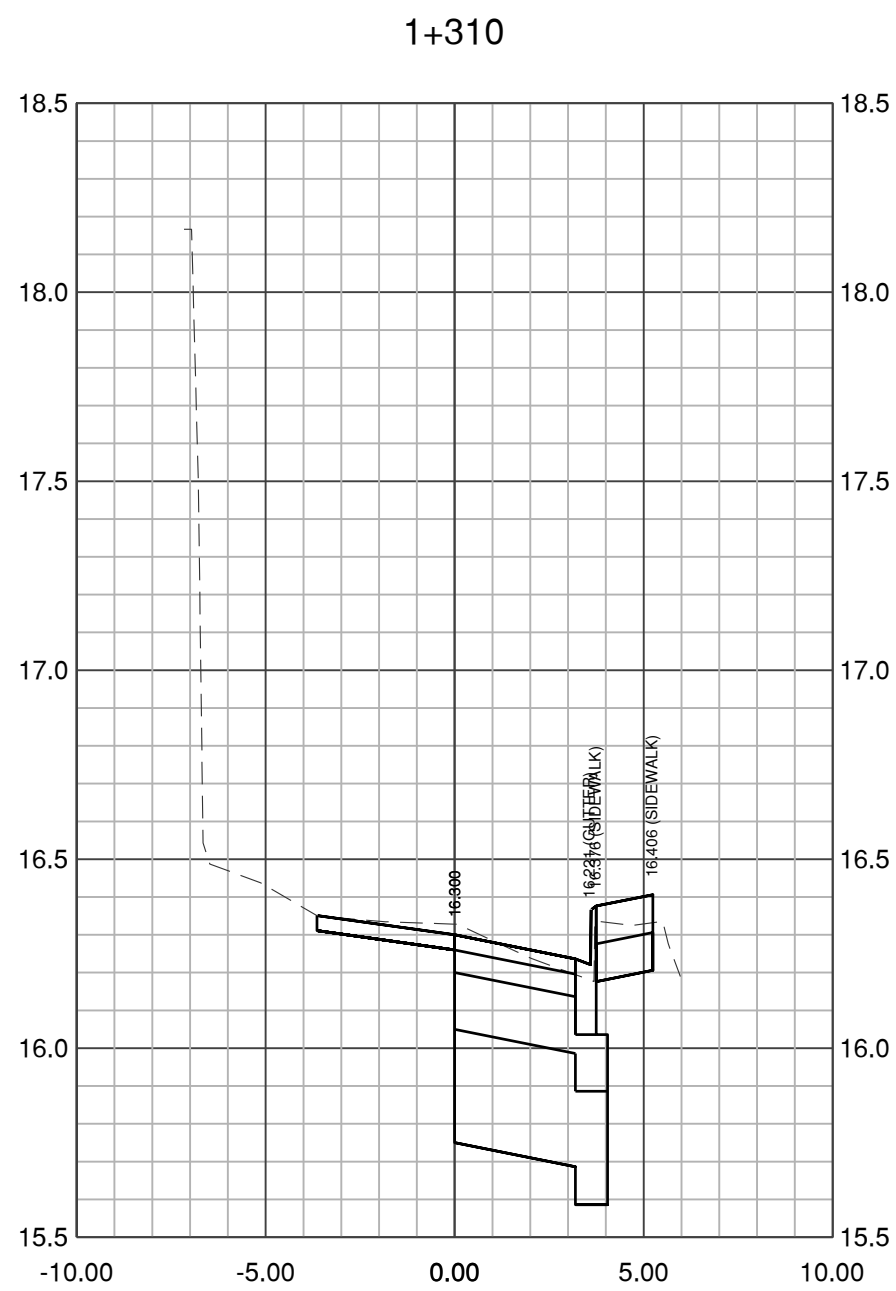
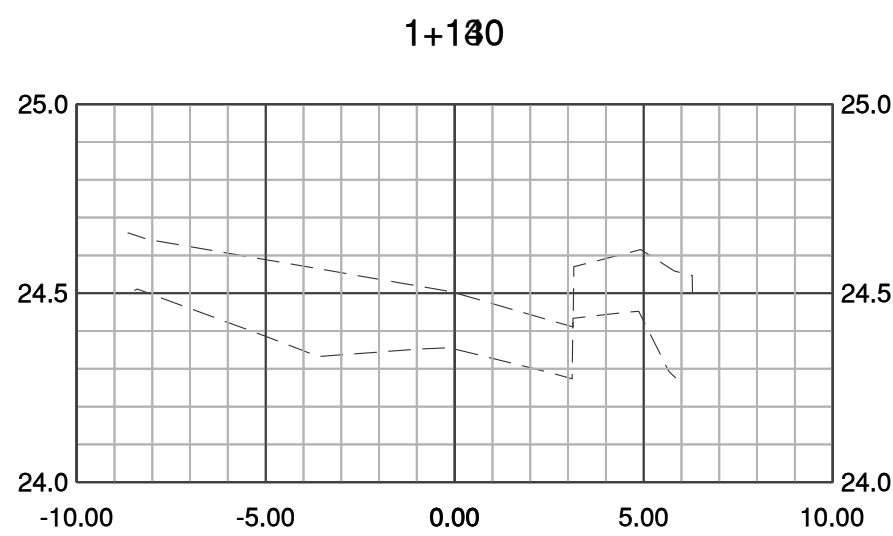
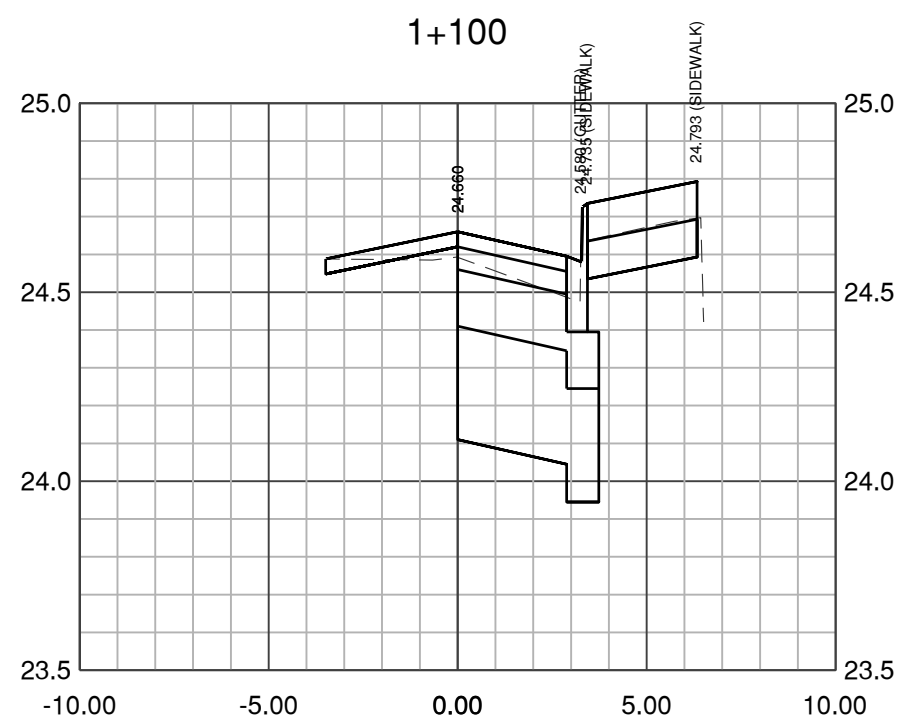
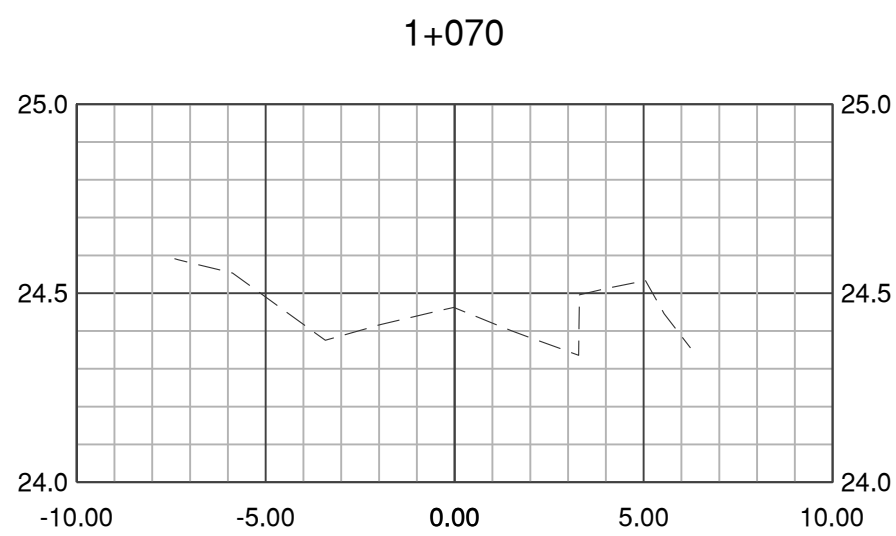
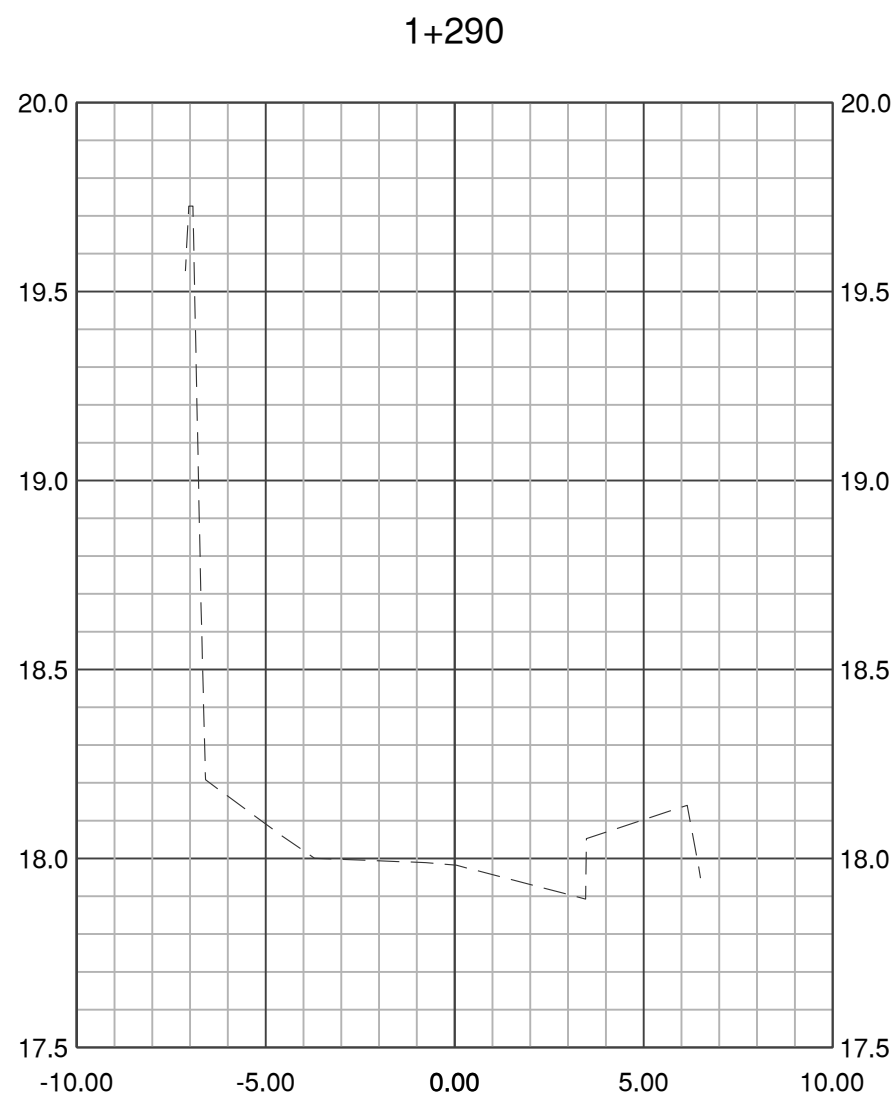
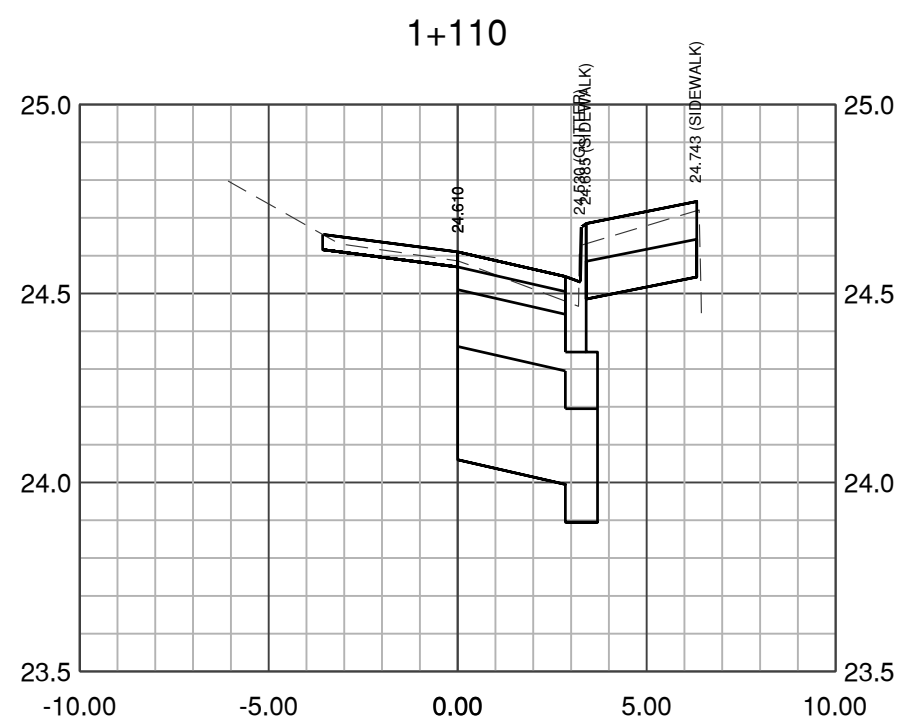
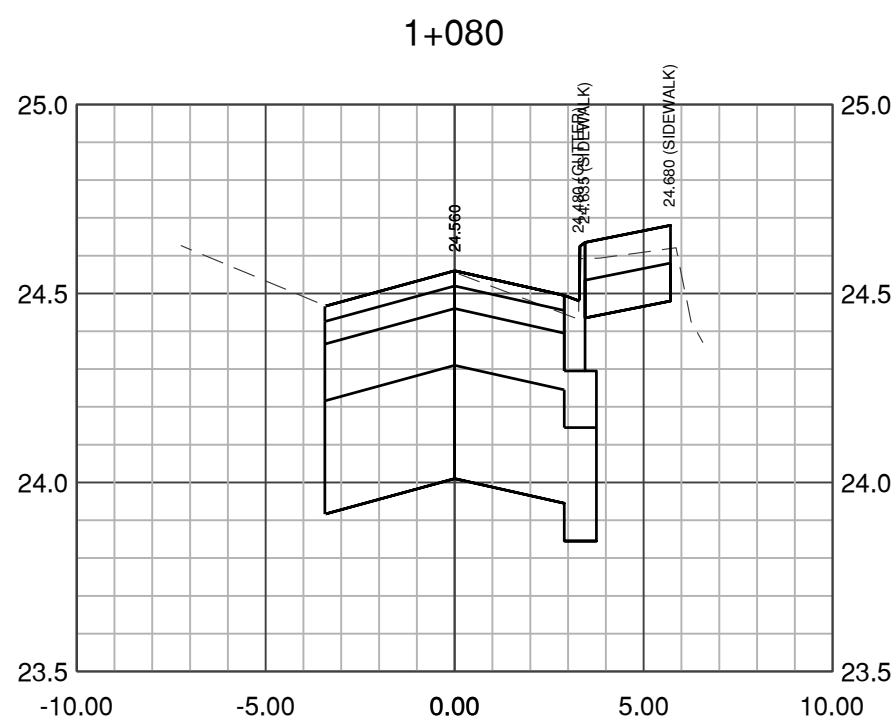
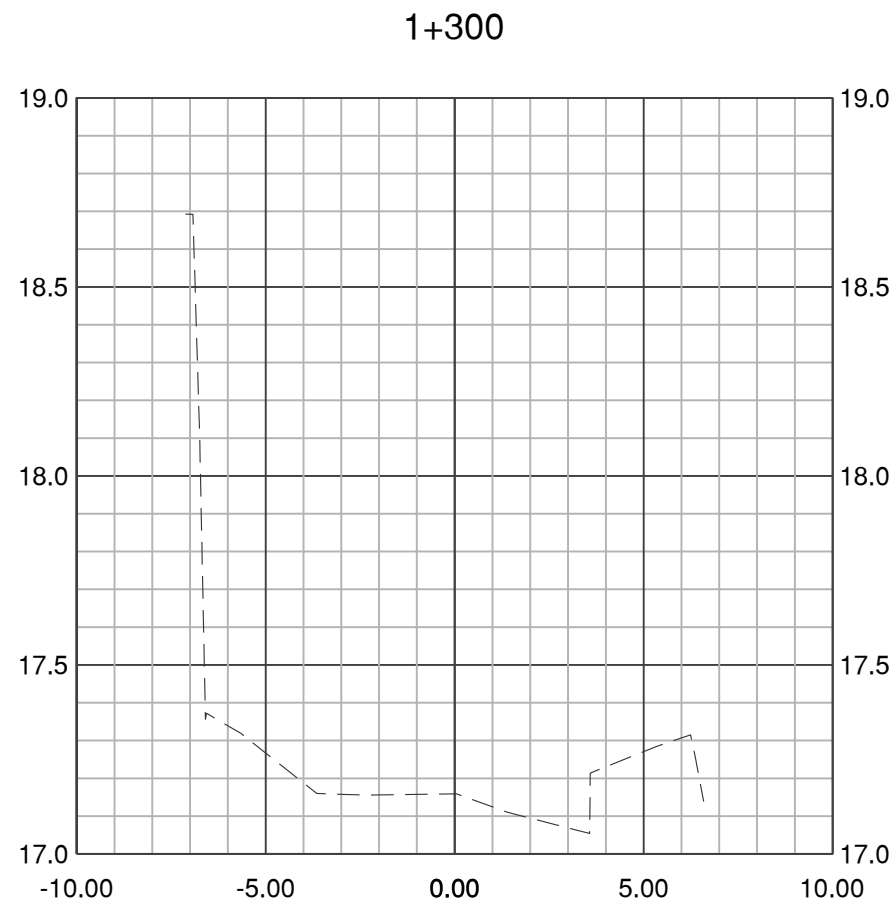
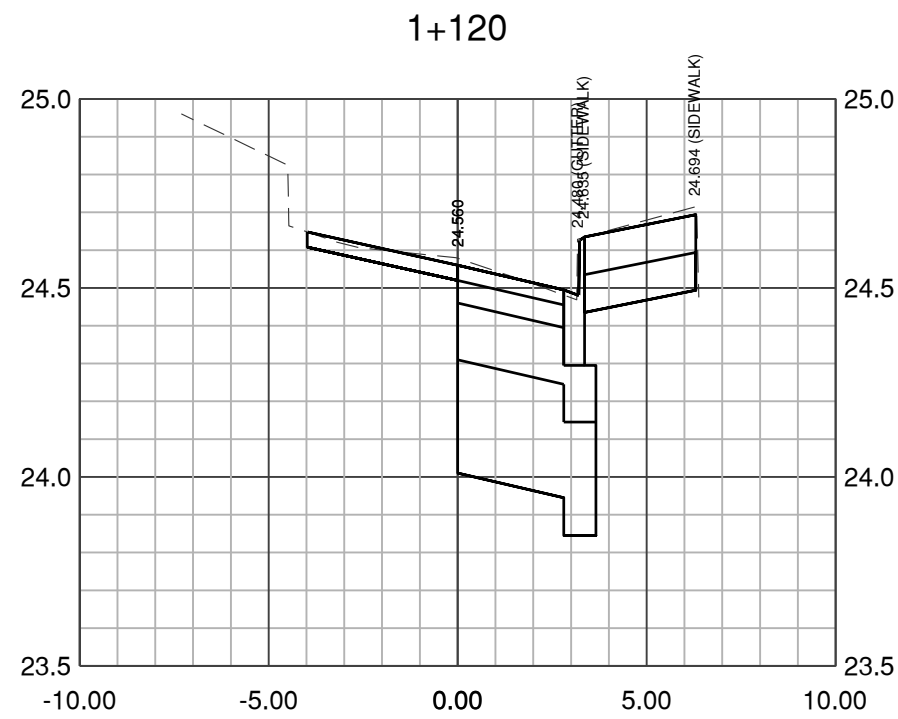
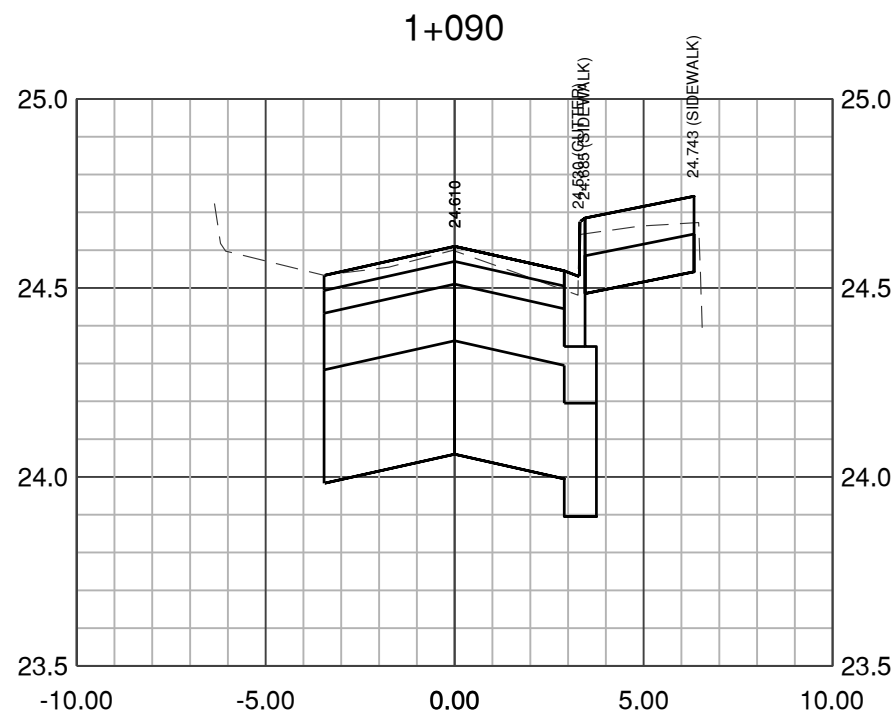
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A	2020.04.14	ISSUED FOR ADDENDUM 3	RA
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CLIENT
CITY OF WHITE ROCK
877 KEIL STREET, WHITE ROCK, BC, V4B 4V6

DRAWING DESCRIPTION
MARINE DRIVE HUMP ROADWORKS

CROSS SECTIONS

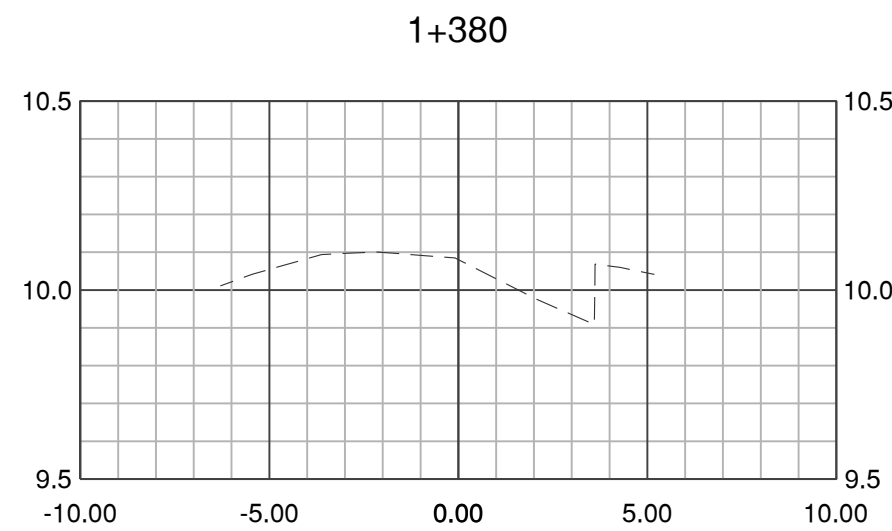
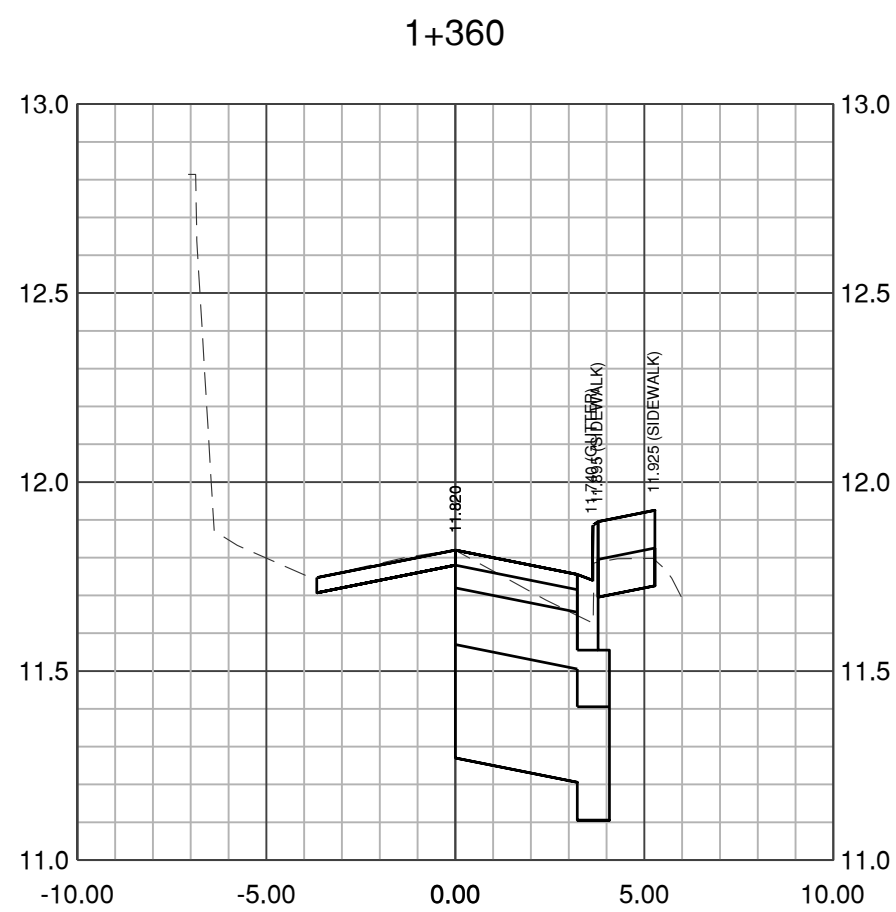
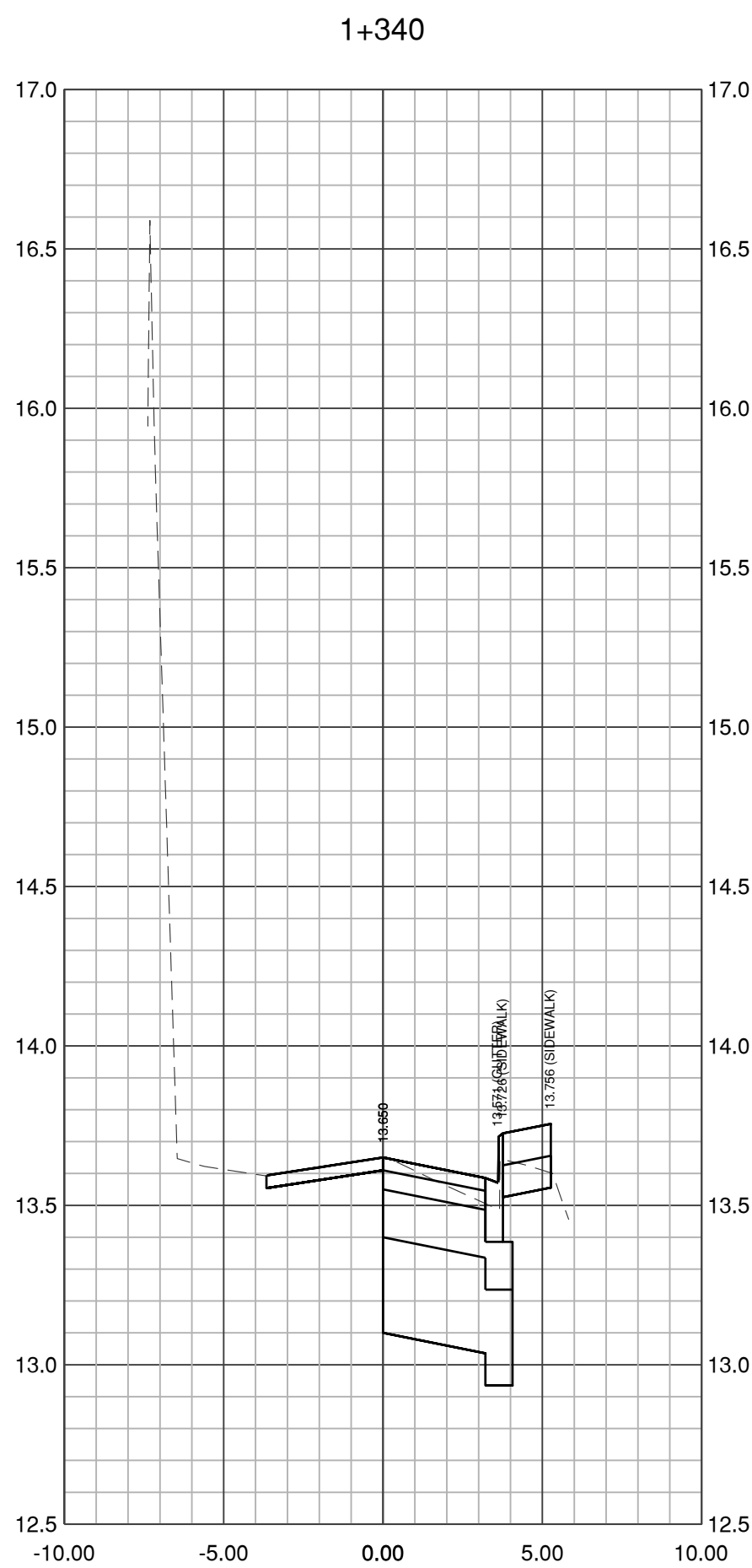
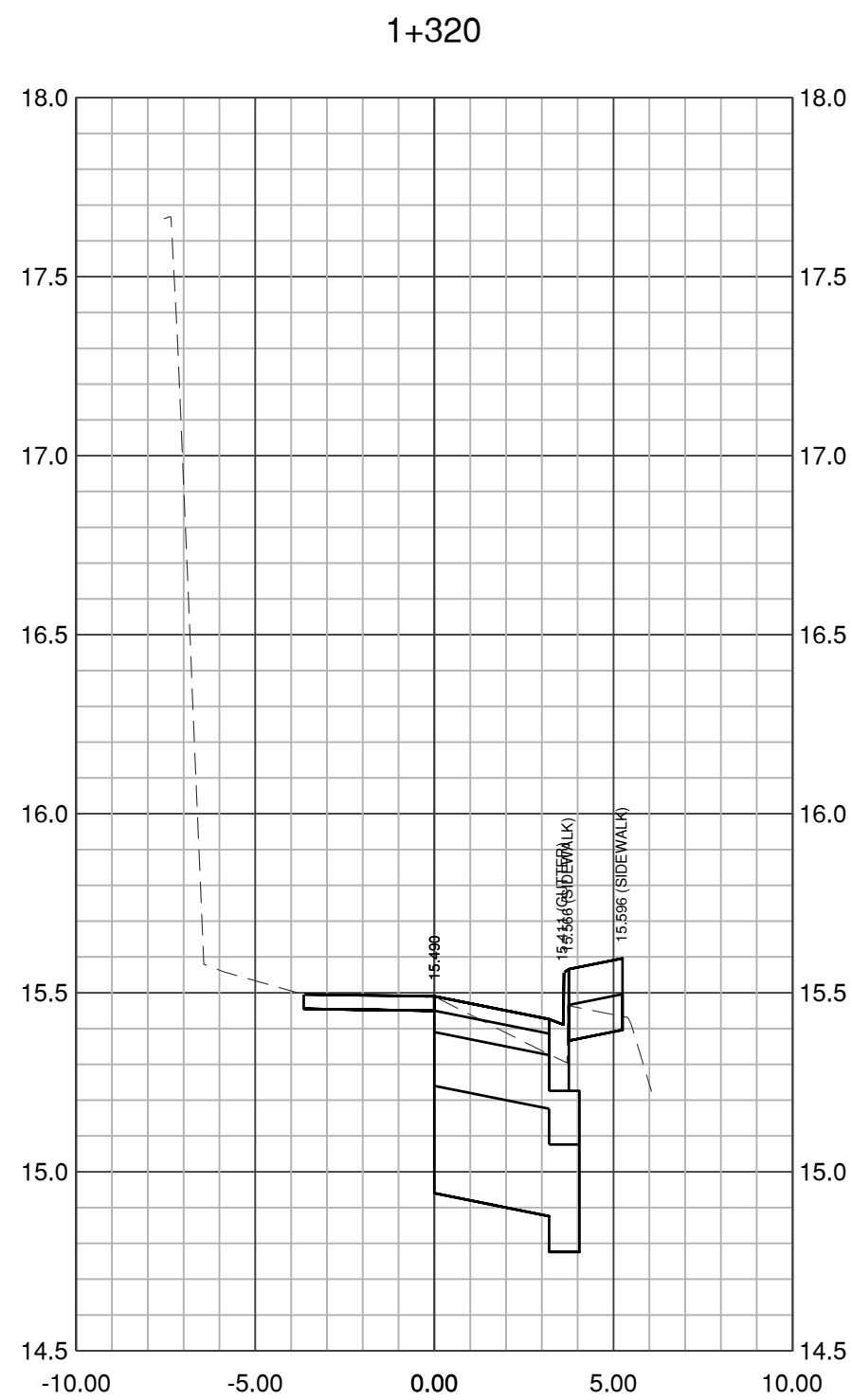
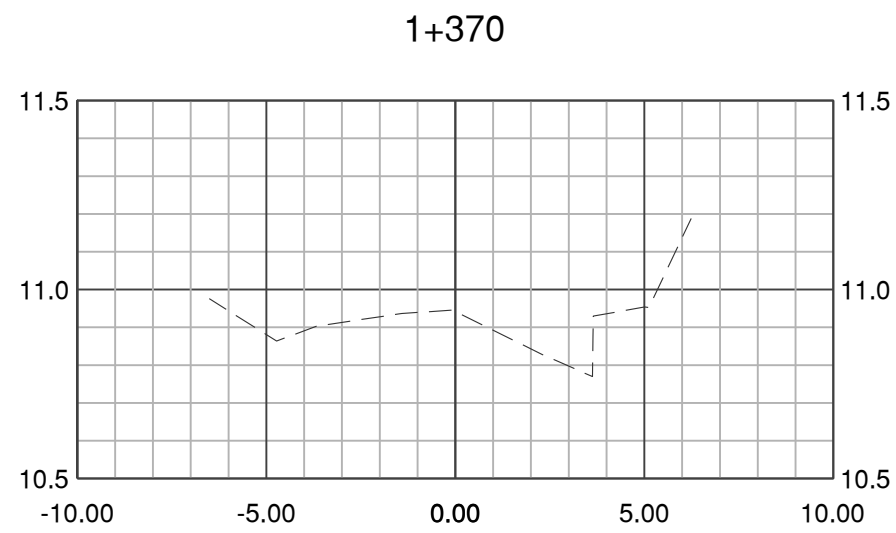
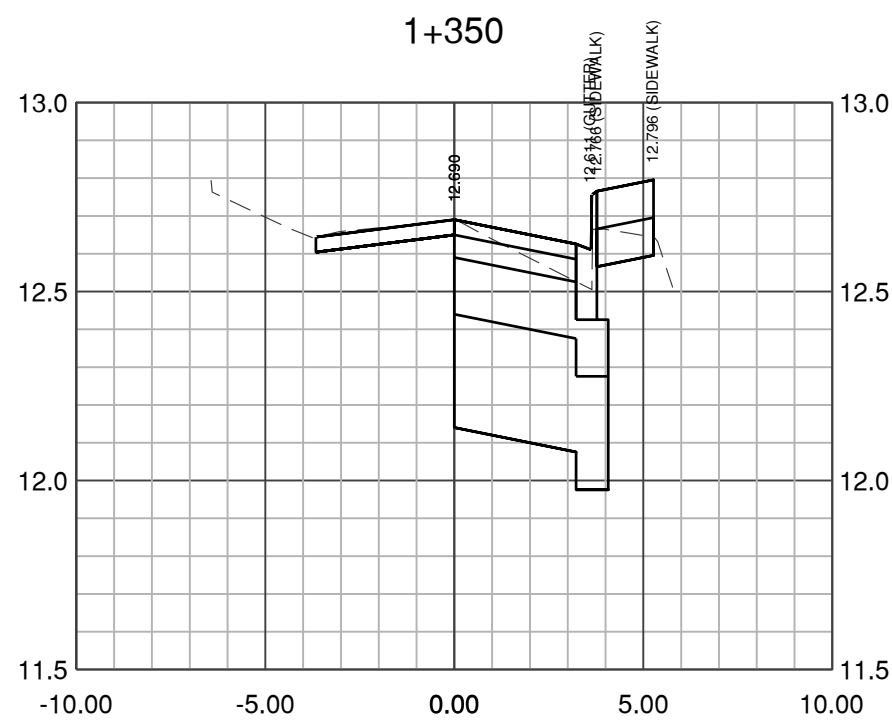
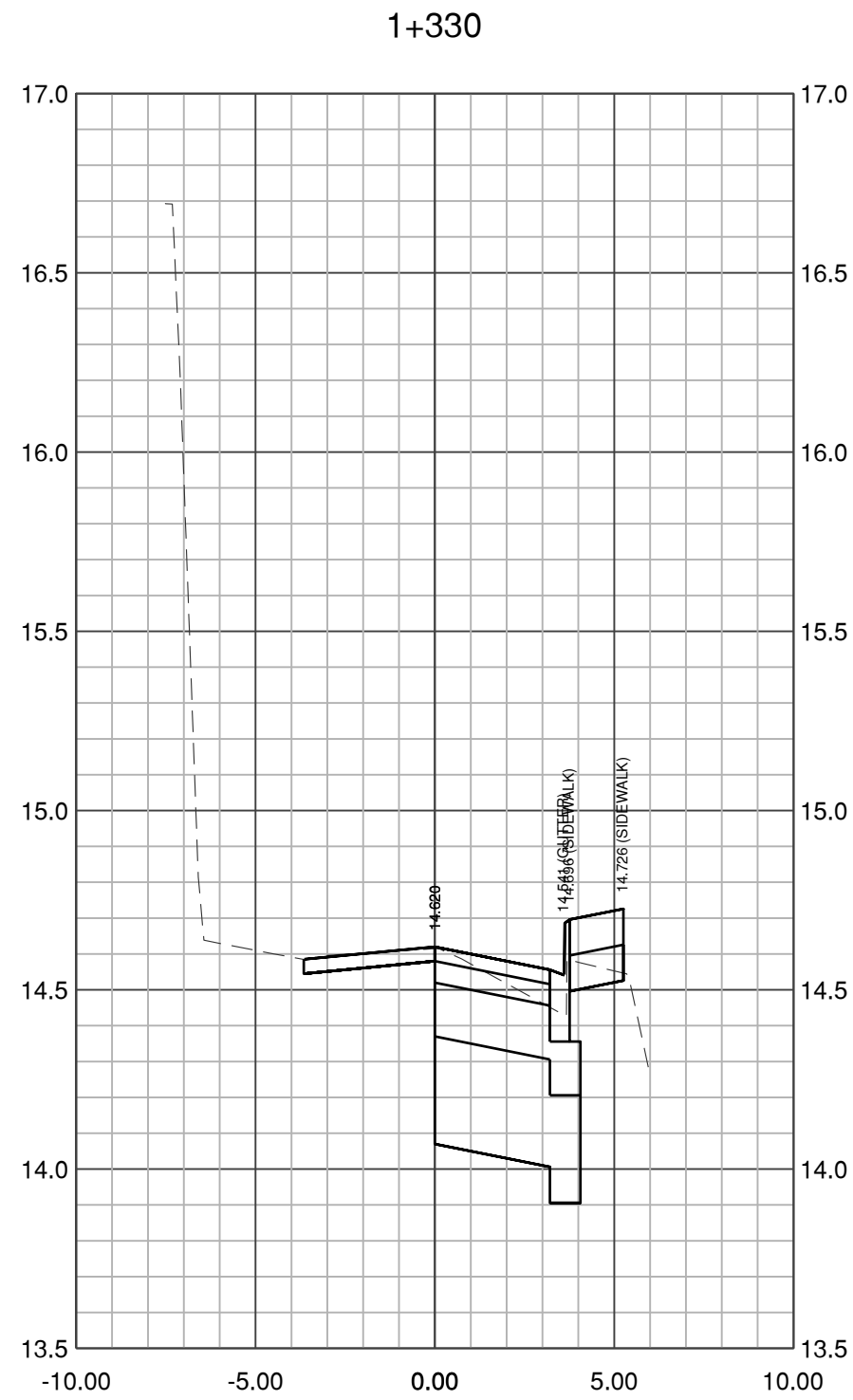
SURVEYED BY #####
DRAWN BY SV
DESIGNED BY RA
CHECKED BY RA

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V 1:20 1m

DATE 2020-04-13
DRAWING No.
20-0216-XS1-1

SHEET 3	OF 5	REV. #
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DRAWING DESCRIPTION	MARINE DRIVE HUMP ROADWORKS
CROSS SECTIONS	

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DRAWN BY	SV
DESIGNED BY	RA
CHECKED BY	RA
SCALES	
0 8m 0 1m	

DATE	2020-04-13
DRAWING No.	20-0216-XS1-2
SHEET	4 OF 5
REV.	#
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