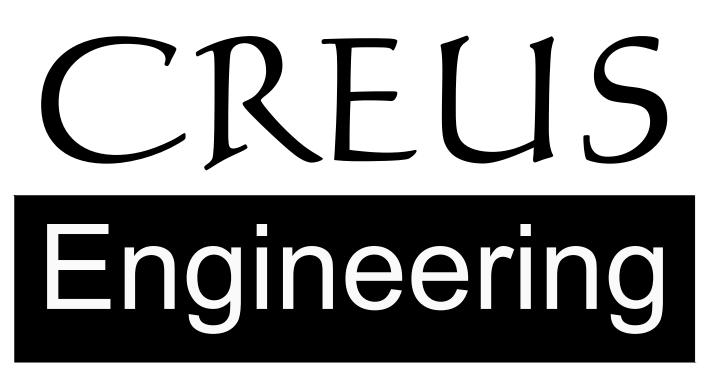


2017-04-11 **RE-ISSUED FOR DEVELOPMENT PERMIT**



Civil Engineers & Project Managers SUITE 200-901 16TH ST WEST, NORTH VANCOUVER BC, V7P1R2 PH: 604-987-9070 WEBSITE: www.creus.ca

PROJECT:

WENTWORTH COLLINGWOOD WEST VANCOUVER, BC

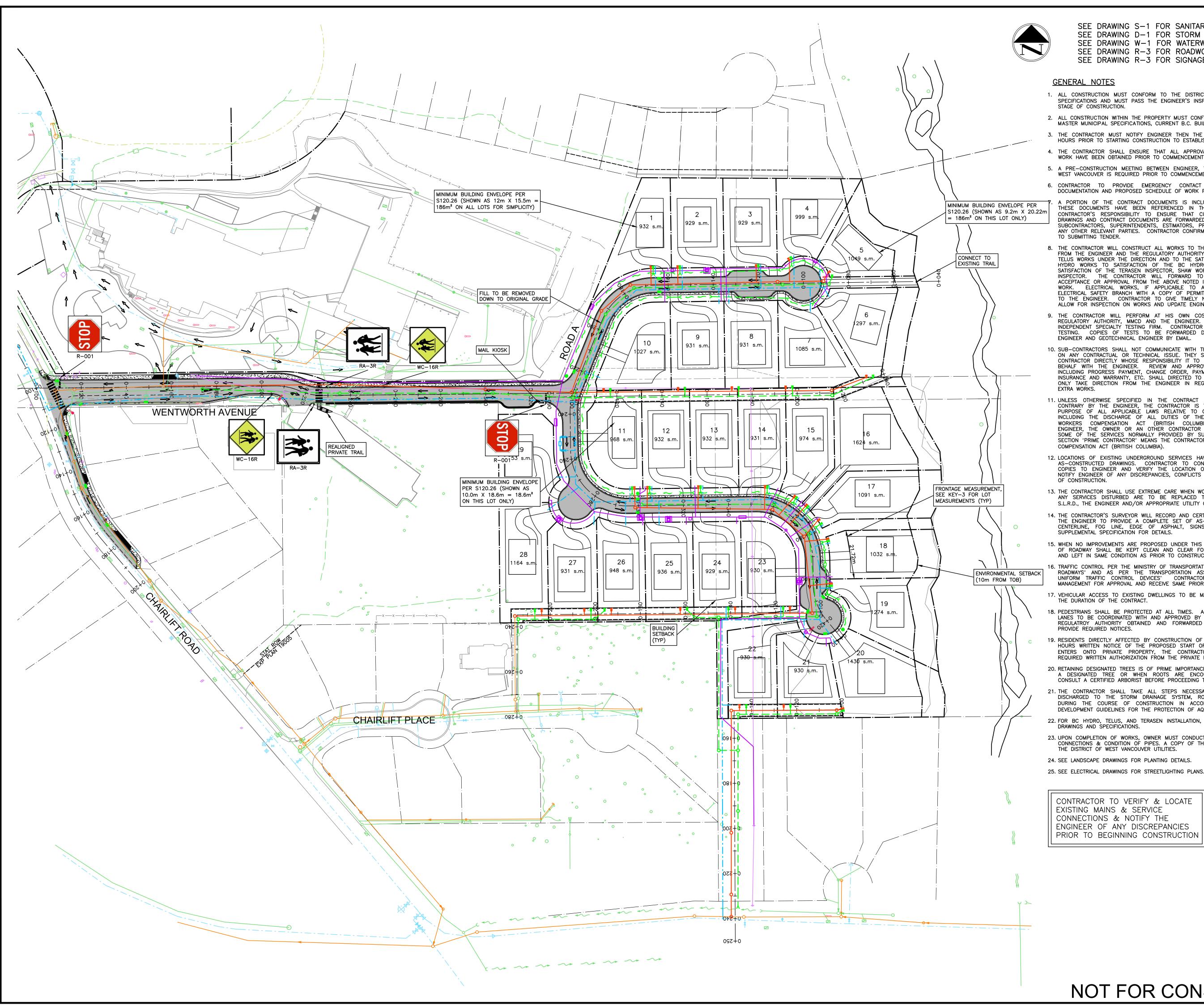
CLIENT:

EVERVAN

BC HYDRC

	DRAV	/ING LIST
DWG NO.		
KEY-1	KEY	%%U
KEY-2	KEY	SLOPE ANALYSIS
KEY-3	KEY	LOT LAYOUT
C-1	SERVICING	%%U
SMP	STORMWATER	MANAGEMENT PLAN
R-1	ROADWORKS	WENTWORTH AVENUE
R-2	ROADWORKS	WENTWORTH AVENUE DETAILS
R-2A	ROADWORKS	WENTWORTH AVENUE WALLS
R-3	ROADWORKS	ROAD A
R-4	ROADWORKS	ROAD A (STA. 0+200 - 0+430)
R-5	ROADWORKS	WENTWORTH AVENUE STAIRS
R-6	ROADWORKS	CHAIRLIFT ROAD
R-TYP-1	ROADWORKS	TYPICAL SECTIONS
SECT-1	SITE SECTIONS	ROAD A
SECT-2	SITE SECTIONS	WENTWORTH SCHOOL
XS-1	CROSS SECTIONS	WENTWORTH AVENUE
XS-2	CROSS SECTIONS	WENTWORTH AVENUE
XS-3	CROSS SECTIONS	ROAD A
XS-4	CROSS SECTIONS	ROAD A
XS-5	CROSS SECTIONS	ROAD A
XS-6	CROSS SECTIONS	CHAIRLIFT ROAD
DET-1	STANDARD DETAILS	%%∪
DET-2	STANDARD DETAILS	%%∪
DET-3	STANDARD DETAILS	%%∪
DET-4	STANDARD DETAILS	%%∪
WENTWORTH QUOTE	SCHEDULE B	UNDERGROUND DUCT AND STRUCTURES FOR WENTWORTH COLLINGWOOD WEST VANCOUV

SCHEDULE C



SEE DRAWING S-1 FOR SANITARY NOTES SEE DRAWING D-1 FOR STORM NOTES SEE DRAWING W-1 FOR WATERWORKS NOTES SEE DRAWING R-3 FOR ROADWORKS NOTES SEE DRAWING R-3 FOR SIGNAGE & LINEPAINTING NOTE

- 1. ALL CONSTRUCTION MUST CONFORM TO THE DISTRICT OF WEST VANCOUVER & MMC SPECIFICATIONS AND MUST PASS THE ENGINEER'S INSPECTION UPON COMPLETION OF EAC
- 2. ALL CONSTRUCTION WITHIN THE PROPERTY MUST CONFORM TO THE MUNICIPAL STANDARD MASTER MUNICIPAL SPECIFICATIONS, CURRENT B.C. BUILDING CODE, & B.C. PLUMBING COD
- 3. THE CONTRACTOR MUST NOTIFY ENGINEER THEN THE DISTRICT OF WEST VANCOUVER, HOURS PRIOR TO STARTING CONSTRUCTION TO ESTABLISH AN INSPECTION SCHEDULE.
- 4. THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS REQUIRED FOR THE PROPOSE WORK HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
- 5. A PRE-CONSTRUCTION MEETING BETWEEN ENGINEER, THE CONTRACTOR, AND DISTRICT WEST VANCOUVER IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 6. CONTRACTOR TO PROVIDE EMERGENCY CONTACT LIST, INSURANCE AND SURE DOCUMENTATION AND PROPOSED SCHEDULE OF WORK PRIOR TO PROCEEDING WITH WORKS
- A PORTION OF THE CONTRACT DOCUMENTS IS INCLUDED BY REFERENCE. COPIES THESE DOCUMENTS HAVE BEEN REFERENCED IN THE TENDER PACKAGE. IT IS TH CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT CURRENT RELEVANT COPIES OF A DRAWINGS AND CONTRACT DOCUMENTS ARE FORWARDED TO SURVEYORS, TESTING AGENCIE SUBCONTRACTORS, SUPERINTENDENTS, ESTIMATORS, PROJECT MANAGERS, SITE STAFF AN ANY OTHER RELEVANT PARTIES. CONTRACTOR CONFIRMS THEY HAVE REVIEWED SAME PRIC
- 8. THE CONTRACTOR WILL CONSTRUCT ALL WORKS TO THE SATISFACTION OF THE INSPECTO FROM THE ENGINEER AND THE REGULATORY AUTHORITY. IF APPLICABLE ADDITIONALLY, TELUS WORKS UNDER THE DIRECTION AND TO THE SATISFACTION OF THE TELUS INSPECTO HYDRO WORKS TO SATISFACTION OF THE BC HYDRO INSPECTOR, TERASEN WORKS SATISFACTION OF THE TERASEN INSPECTOR, SHAW WORKS TO SATISFACTION OF THE SHA INSPECTOR. THE CONTRACTOR WILL FORWARD TO THE ENGINEER CERTIFICATION ACCEPTANCE OR APPROVAL FROM THE ABOVE NOTED INSPECTORS ON COMPLETION OF T WORK. ELECTRICAL WORKS, IF APPLICABLE TO ALSO BE UNDER PERMIT WITH ELECTRICAL SAFETY BRANCH WITH A COPY OF PERMIT AND SIGN OFF TO BE FORWARDE TO THE ENGINEER. CONTRACTOR TO GIVE TIMELY NOTICE TO RELEVANT INSPECTOR ALLOW FOR INSPECTION ON WORKS AND UPDATE ENGINEER ON SAME.
- 9. THE CONTRACTOR WILL PERFORM AT HIS OWN COST ALL TESTING REQUIRED BY TH REGULATORY AUTHORITY, MMCD AND THE ENGINEER. TESTING SHALL BE DONE BY INDEPENDENT SPECIALTY TESTING FIRM. CONTRACTOR TO GIVE ENGINEER NOTICE ON A TESTING. COPIES OF TESTS TO BE FORWARDED DIRECTLY BY THE TESTING FIRM
- 10. SUB-CONTRACTORS SHALL NOT COMMUNICATE WITH THE ENGINEERS OR OWNER DIRECTI ON ANY CONTRACTUAL OR TECHNICAL ISSUE. THEY SHALL DIRECT THEIR ISSUES TO T CONTRACTOR DIRECTLY WHOSE RESPONSIBILITY IT TO DEAL WITH THESE ISSUES ON THE BEHALF WITH THE ENGINEER. REVIEW AND APPROVAL OF ANY CONTRACTUAL MATTE INCLUDING PROGRESS PAYMENT, CHANGE ORDER, PAYMENT OF HOLDBACK, FINAL PAYMEN INSURANCE AND WARRANTY, ETC. SHALL DIRECTED TO THE ENGINEER. CONTRACTOR MUS ONLY TAKE DIRECTION FROM THE ENGINEER IN REGARDS TO CHANGES TO DESIGN
- 11. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS OR NOTIFIED TO T CONTRARY BY THE ENGINEER, THE CONTRACTOR IS THE "PRIME CONTRACTOR" FOR PURPOSE OF ALL APPLICABLE LAWS RELATIVE TO OCCUPATIONAL HEALTH AND SAFE INCLUDING THE DISCHARGE OF ALL DUTIES OF THE "PRIME CONTRACTOR" UNDER WORKERS COMPENSATION ACT (BRITISH COLUMBIA), NOTWITHSTANDING THAT ENGINEER, THE OWNER OR AN OTHER CONTRACTOR MAY PROVIDE FROM TIME TO TIM SOME OF THE SERVICES NORMALLY PROVIDED BY SUCH "PRIME CONTRACTOR". IN TH SECTION "PRIME CONTRACTOR" MEANS THE CONTRACTOR SO DEFINED UNDER THE WORKEF
- 12. LOCATIONS OF EXISTING UNDERGROUND SERVICES HAVE BEEN DETERMINED FROM UTILI AS-CONSTRUCTED DRAWINGS, CONTRACTOR TO CONTACT BC ONE CALL AND PROVID COPIES TO ENGINEER AND VERIFY THE LOCATION OF ALL EXISTING SERVICES AND NOTIFY ENGINEER OF ANY DISCREPANCIES, CONFLICTS OR OMISSIONS PRIOR TO BEGINNIN
- 13. THE CONTRACTOR SHALL USE EXTREME CARE WHEN WORKING NEAR EXISTING SERVICES AN ANY SERVICES DISTURBED ARE TO BE REPLACED TO THE SATISFACTION OF M.O.T. S.L.R.D., THE ENGINEER AND/OR APPROPRIATE UTILITY CORPORATION.
- 14. THE CONTRACTOR'S SURVEYOR WILL RECORD AND CERTIFY ALL INFORMATION REQUIRED F THE ENGINEER TO PROVIDE A COMPLETE SET OF AS-CONSTRUCTED DRAWINGS INCLUDIN CENTERLINE, FOG LINE, EDGE OF ASPHALT, SIGNS, AND ALL APPURTENANCES. S
- 15. WHEN NO IMPROVEMENTS ARE PROPOSED UNDER THIS CONTRACT, THE EXISTING SECTION(OF ROADWAY SHALL BE KEPT CLEAN AND CLEAR FOR THE DURATION OF CONSTRUCTION AND LEFT IN SAME CONDITION AS PRIOR TO CONSTRUCTION.
- 16. TRAFFIC CONTROL PER THE MINISTRY OF TRANSPORTATION "TRAFFIC MANUAL FOR WORK ROADWAYS" AND AS PER THE TRANSPORTATION ASSOCIATION OF CANDA "MANUAL UNIFORM TRAFFIC CONTROL DEVICES" CONTRACTOR TO SUBMIT PLAN FOR TRAFF MANAGEMENT FOR APPROVAL AND RECEIVE SAME PRIOR TO PROCEEDING WITH WORKS.
- 17. VEHICULAR ACCESS TO EXISTING DWELLINGS TO BE MAINTAINED BY THE CONTRACTOR F
- 18. PEDESTRIANS SHALL BE PROTECTED AT ALL TIMES. ANY CLOSURES OF THE SIDEWALK LANES TO BE COORDINATED WITH AND APPROVED BY THE ENGINEER AND A PERMIT FRO REGULATROY AUTHORITY OBTAINED AND FORWARDED TO ENGINEER. CONTRACTOR
- 19. RESIDENTS DIRECTLY AFFECTED BY CONSTRUCTION OF THIS PROJECT SHALL BE GIVEN HOURS WRITTEN NOTICE OF THE PROPOSED START OF CONSTRUCTION. IF CONSTRUCTIO ENTERS ONTO PRIVATE PROPERTY, THE CONTRACTOR OR DEVELOPER'S AGENT WIL REQUIRED WRITTEN AUTHORIZATION FROM THE PRIVATE PROPERTY OWNER.
- 20. RETAINING DESIGNATED TREES IS OF PRIME IMPORTANCE. WHEN WORKING IN PROXIMITY A DESIGNATED TREE OR WHEN ROOTS ARE ENCOUNTERED, THE CONTRACTOR SHA CONSULT A CERTIFIED ARBORIST BEFORE PROCEEDING TO PREVENT DAMAGE TO TREES.
- 21. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO ENSURE THAT NO SILT DISCHARGED TO THE STORM DRAINAGE SYSTEM, ROADWAYS OR ADJACENT PROPERTIE DURING THE COURSE OF CONSTRUCTION IN ACCORDANCE WITH DFO/MOELP'S "LAN DEVELOPMENT GUIDELINES FOR THE PROTECTION OF AQUATIC HABITAT".
- 22. FOR BC HYDRO, TELUS, AND TERASEN INSTALLATION, SEE APPROPRIATE UTILITY COMPAN 23. UPON COMPLETION OF WORKS, OWNER MUST CONDUCT CCTV TEST TO ENSURE NO CROS
- CONNECTIONS & CONDITION OF PIPES. A COPY OF THE REPORT IS TO BE FORWARDED

_			R						L	5
	Er	JČ		ne	0	e	ŗ		ſ	g
(s	Civil E SUITE 200 PH: 604-98	Engir -901 16T	neer	s &	Pro	оје ч van	ct N	lar rer b	nac	gers
				<u>SITE</u>						
		L			LE					
EA WA SA ST HY TE	REETLIGH			STING			OP.			
GA Alf RE INS CA CA MA PO	RE HYDRA TE VALVE R VALVE DUCER SPECTION TCHBASII P NHOLE WER POL REETLIGH	CHAMB N (STD/S	ER			PR	OP.		REI	
clie			E	VER	.VA	Ň				
	oject WE	NTW	/or	тн с	OI					D
	oject WE		/or	тн с						D
title	oject WE		/OR ST V/	TH C ANC	OL OL	_LII JVE	:R,			D
prc title	oject WE	WES	/OR ⁻ ST V/	TH C ANC		_LII JVE	DP			
prc title 17 16	oject WE	WES	/OR [*]	TH C ANC KE		-LII JVE FOR	DP 0	BC		AG
prc title 17 16 15	oject WE e 17-04-11 17-03-29	WES	/OR ST V/	TH C ANC KE		FOR HYDR	DP O MMEI	NTS		AG
prc title 17 16 15 14	Dject WE e 17-04-11 17-03-15	WES	/OR ST V/	TH C ANC KE			DP 0 MMEI	BC NTS		
prc title 17 16 15 14 13	Dject WE e 17-04-11 17-03-29 17-03-15	WES	/OR ST V/	TH C ANC KE RE-ISSI REVIS ED PEF ED PEF				BC NTS		
prc title 17 16 15 14 13 12	oject WE 17-04-11 17-03-15 17-03-15 17-02-09	WES	/OR ST V/ REVIS REVIS	TH C ANC KE RE-ISSI REVIS ED PEF ED PEF			DP O MMEI MMEI	NTS NTS		
prc title 17 16 13 12 11	Dject WE 17-04-11 17-03-15 17-03-15 17-03-15 17-01-26 17-01-26	WES		TH C ANC KE RE-ISSI REVIS ED PEF ED PEF ED PEF			DP O MMEI STAIR	BC NTS NTS S		

KBH

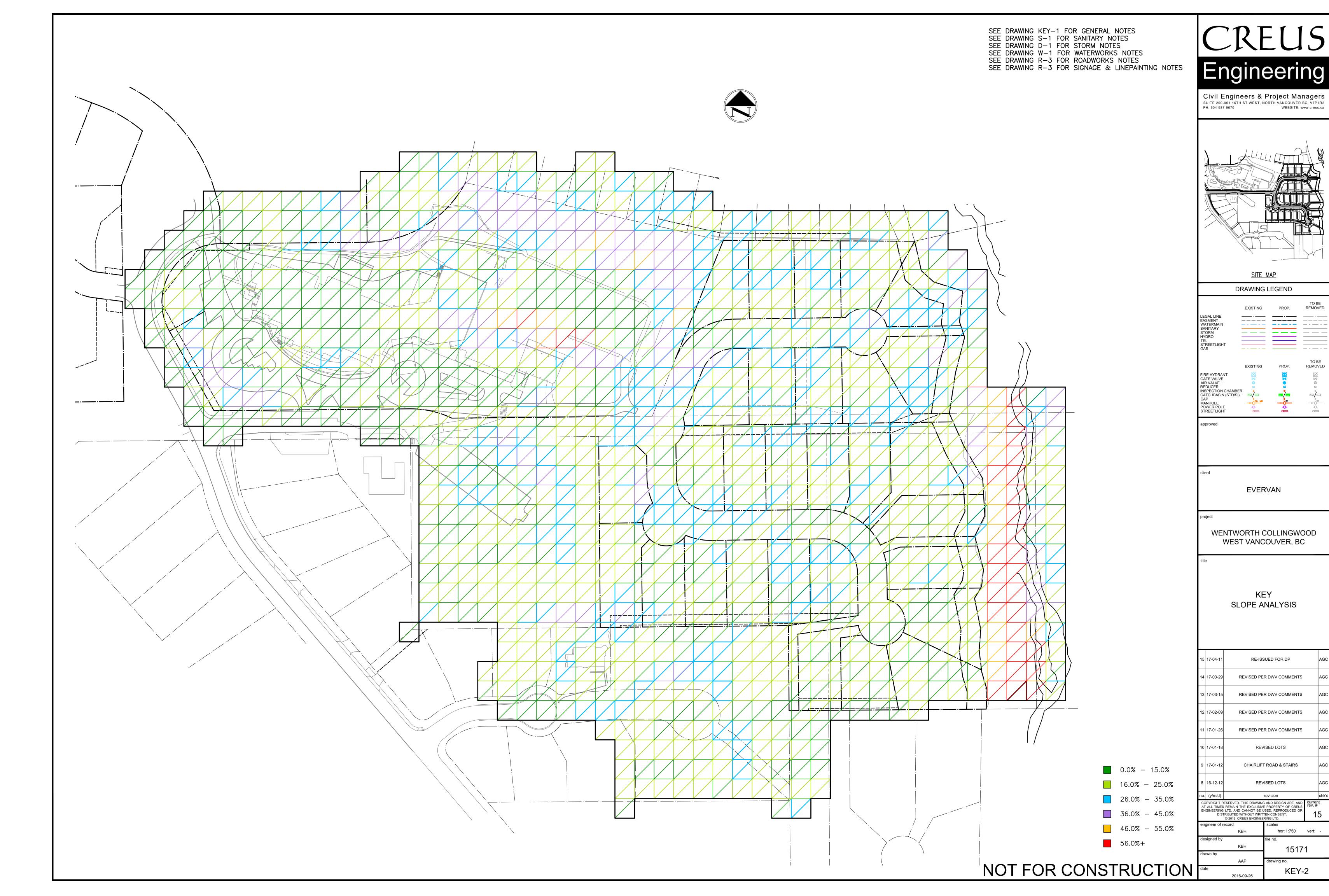
AGC

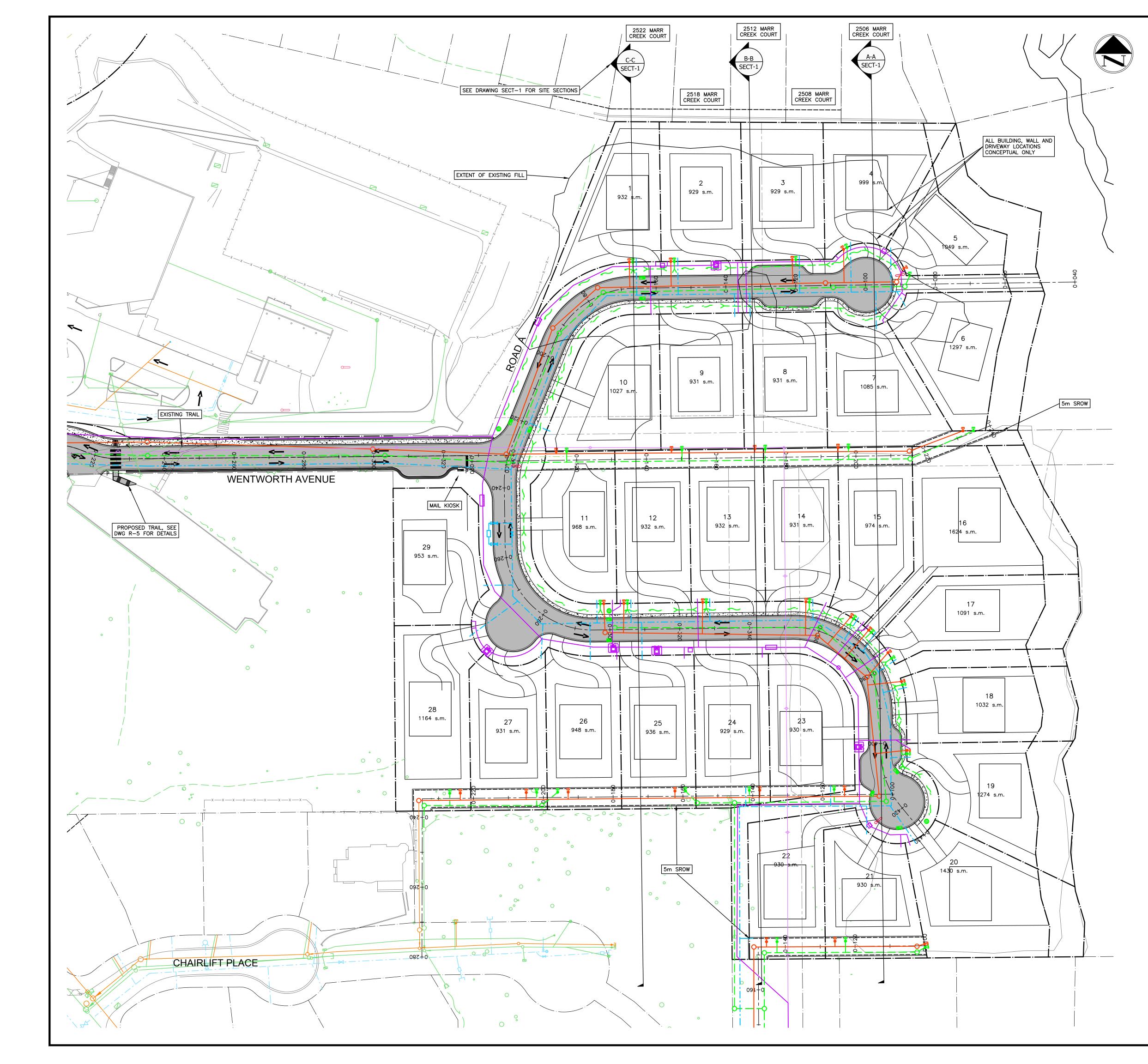
2016-09-26

15171

KEY-1

awing no





NOTE: * BESIDE LOT NUMBER = FLANKING LOT

	LOT ARE	A TABLE	
LOT #	AREA (m²)	WIDTH (m)	LENGTH (m)
1	932	25.33	41.60
2	929	23.32	39.83
3	929	23.59	39.38
4	999	22.77	35.95
5	1049	21.42	33.74
6	1297	21.43	41.30
7	1085	22.76	36.13
8	931	23.86	39.00
9	931	23.86	39.00
10	1027	22.27	39.69
11	968	32.70	27.09
12	932	21.30	43.74
13	932	21.30	43.74
14	931	21.62	44.44
15	974	15.52	56.27
16	1624	10.19	67.52
17	1091	13.34	35.95
18	1032	21.72	48.06
19	1274	26.18	41.15
20	1430	21.29	44.27
21	930	32.80	29.26
22	930	21.74	40.47
23	930	32.70	27.11
24	929	21.30	43.94
25	936	21.30	43.93
26	948	21.30	43.01
27	931	23.71	34.45
28	1164	26.09	24.99
29*	953	25.88	31.08

(FRONTAGE MEASURED AT BUILDING SETBACK LINE)

MIN WIDTH OF FRONTAGE FLANKING LOT: 24.3m MAX DEPTH TO FRONTAGE: 3 TIMES THE WIDTH MIN BUILDING FOOTPRINT: 186m² MIN BUILDING FOOTPRINT WIDTH: 9.15m

MIN PARCEL AREA: 929m² MIN WIDTH OF FRONTAGE: 21.30m MIN WIDTH OF FRONTAGE FLANKING LOT: 24.3m

PER ZONING BYLAW No. 4662,2010 – DWV RS7 – SINGLE FAMILY DWELLING ZONE 7 & ZONING BYLAW PART 2, BYLAW 2200, ITEM 21–127.

SEE DRAWING KEY-1 FOR GENERAL NOTES

SEE DRAWING W-1 FOR WATERWORKS NOTES SEE DRAWING R-3 FOR ROADWORKS NOTES

SEE DRAWING R-3 FOR SIGNAGE & LINEPAINT NOTES

SEE DRAWING S-1 FOR SANITARY NOTES SEE DRAWING D-1 FOR STORM NOTES

CONTRACTOR TO VERIFY & LOCATE

ENGINEER OF ANY DISCREPANCIES

PRIOR TO BEGINNING CONSTRUCTION

EXISTING MAINS & SERVICE CONNECTIONS & NOTIFY THE

'RF S Engineering Civil Engineers & Project Managers SUITE 200-901 16TH ST WEST, NORTH VANCOUVER BC, V7P1R2 PH: 604-987-9070 WEBSITE: www.creus.ca <u>SITE MAP</u> DRAWING LEGEND TO BE EXISTING PROP. REMOVED EGAL LINE _____ · ____ • ___ • ____ • ____ EASMENT WATERMAIN SANITARY ____ **___** _ - _ _ STORM HYDRO _____ _____ _____ STREETLIGHT _____ TO BE PROP. REMOVED EXISTING FIRE HYDRANT GATE VALVE AIR VALVE REDUCER INSPECTION CHAMBER CATCHBASIN (STD/SI) MANHOLE POWER POLE STREETLIGHT approved EVERVAN roject WENTWORTH COLLINGWOOD WEST VANCOUVER, BC KEY LOT LAYOUT RE-ISSUED FOR DP 17-04-1 REVISED HYDRO 6 17-03-2 REVISED PER DWV COMMENTS 5 17-03-15 REVISED PER DWV COMMENTS 4 17-02-09 3 17-01-26 REVISED PER DWV COMMENTS 2 17-01-18 REVISED LOTS 1 17-01-12 CHAIRLIFT ROAD & STAIRS 10 16-12-14 CHAIRLIFT ROAD & CORNER b. (y/m/d) revision

> COPYRIGHT RESERVED. THIS DRAWING AND DESIGN ARE, AND AT ALL TIMES REMAIN THE EXCLUSIVE PROPERTY OF CREUS ENGINEERING LTD. AND CANNOT BE USED, REPRODUCED OR

DISTRIBUTED WITHOUT WRITTEN CONSENT. © 2016 CREUS ENGINEERING LTD.

KBH

KBH

AGC

2016-09-26

ngineer of record

igned by

awn by

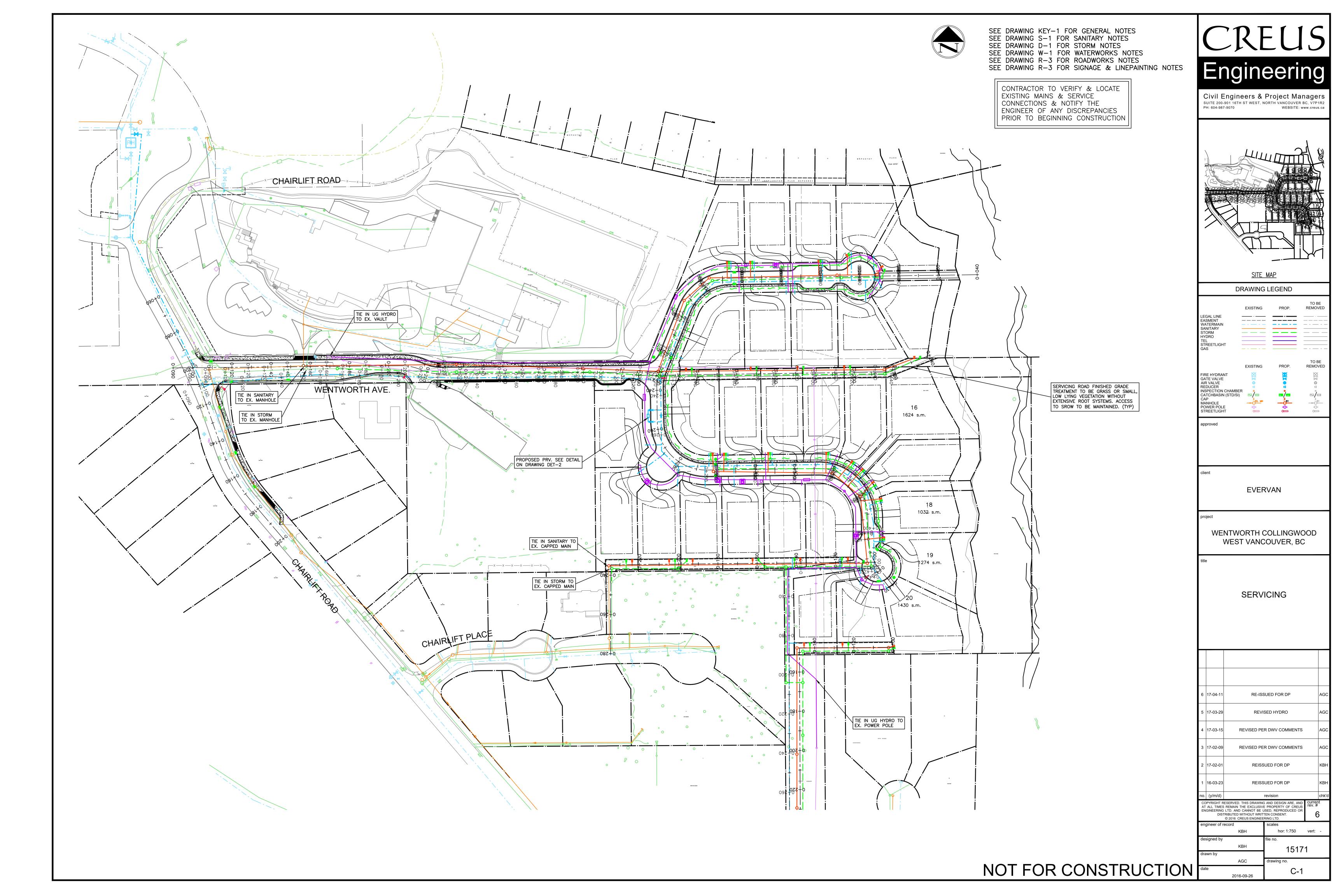
rev. #

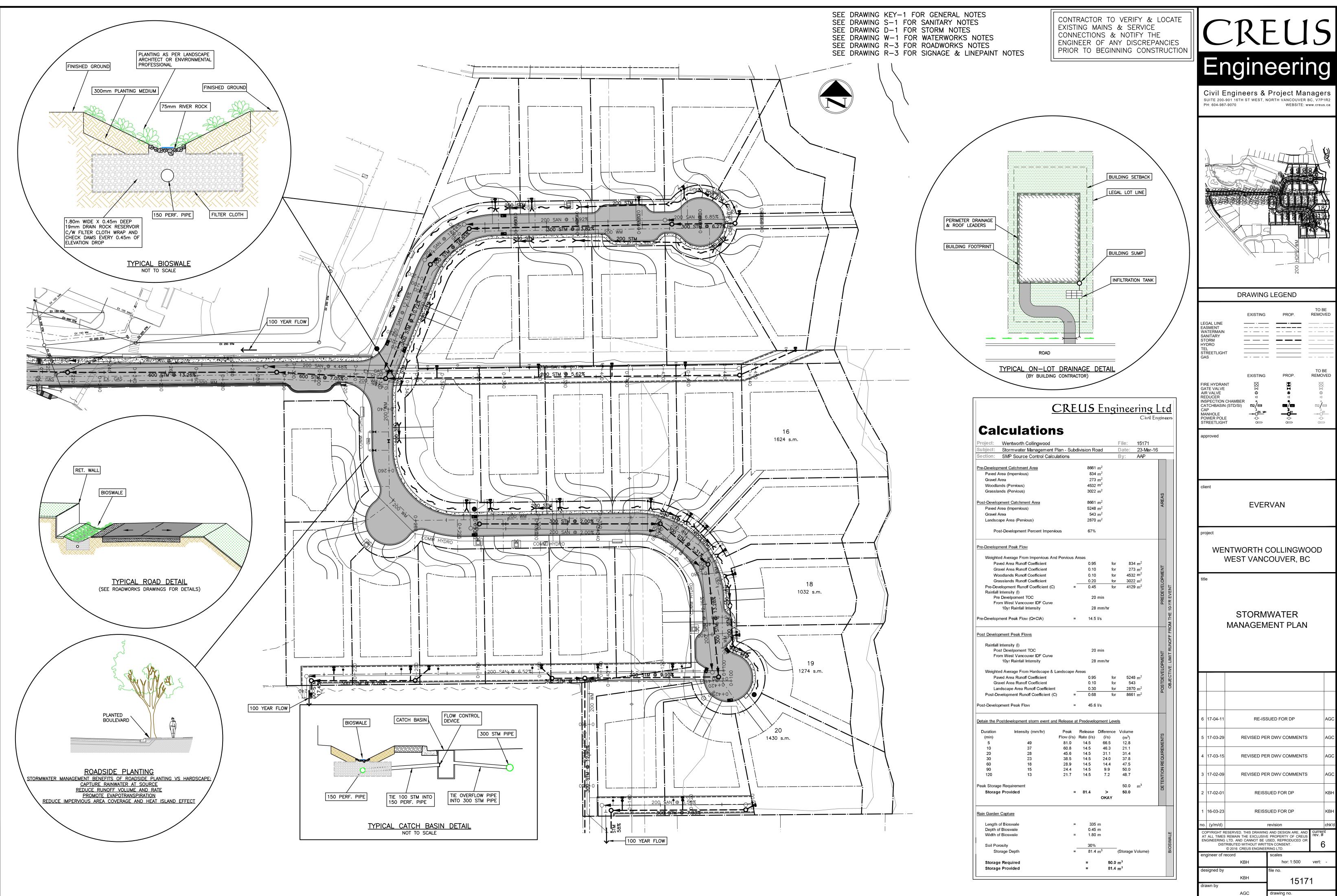
hor: 1:500 vert:

15171

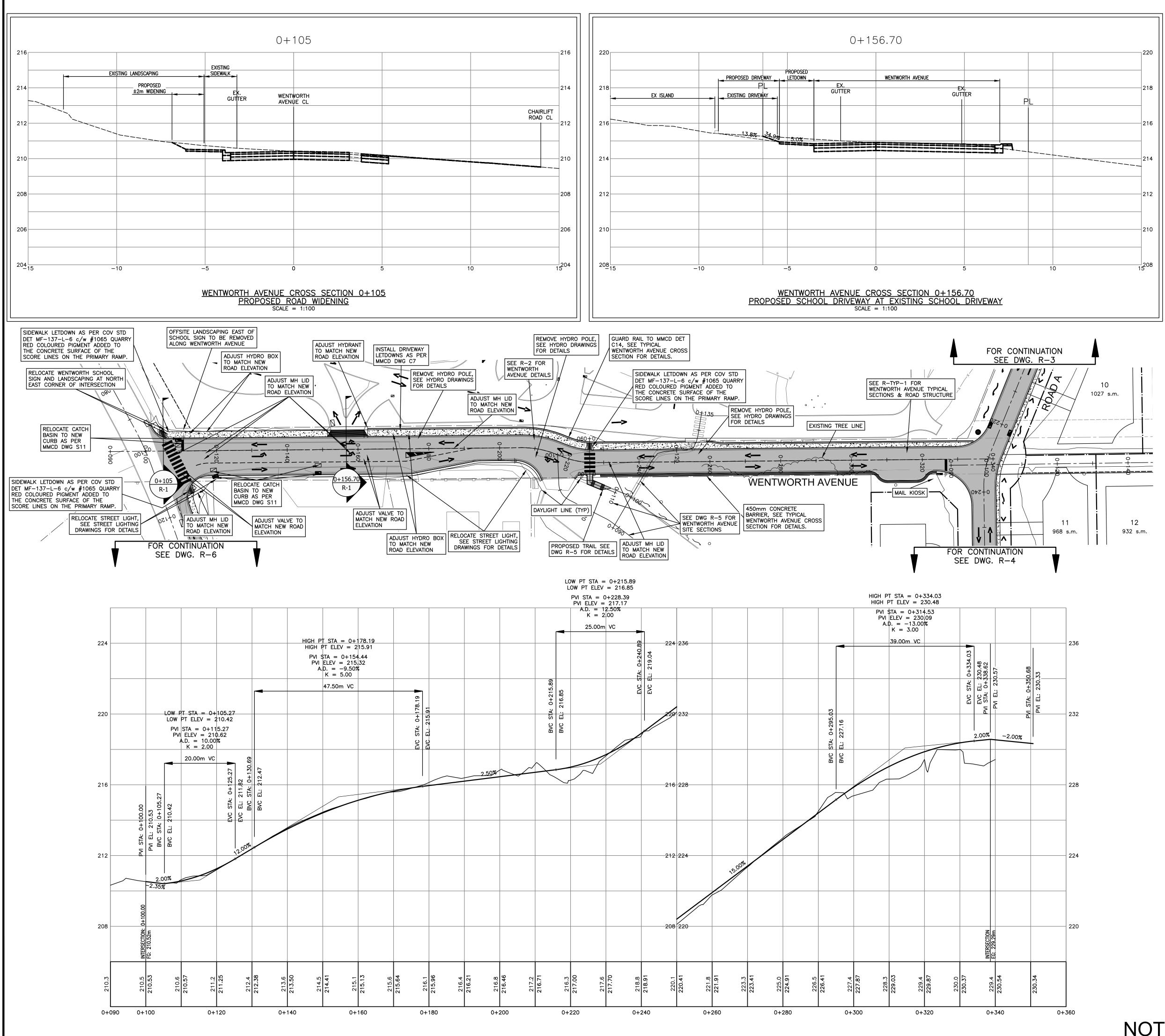
KEY-3

awing no.





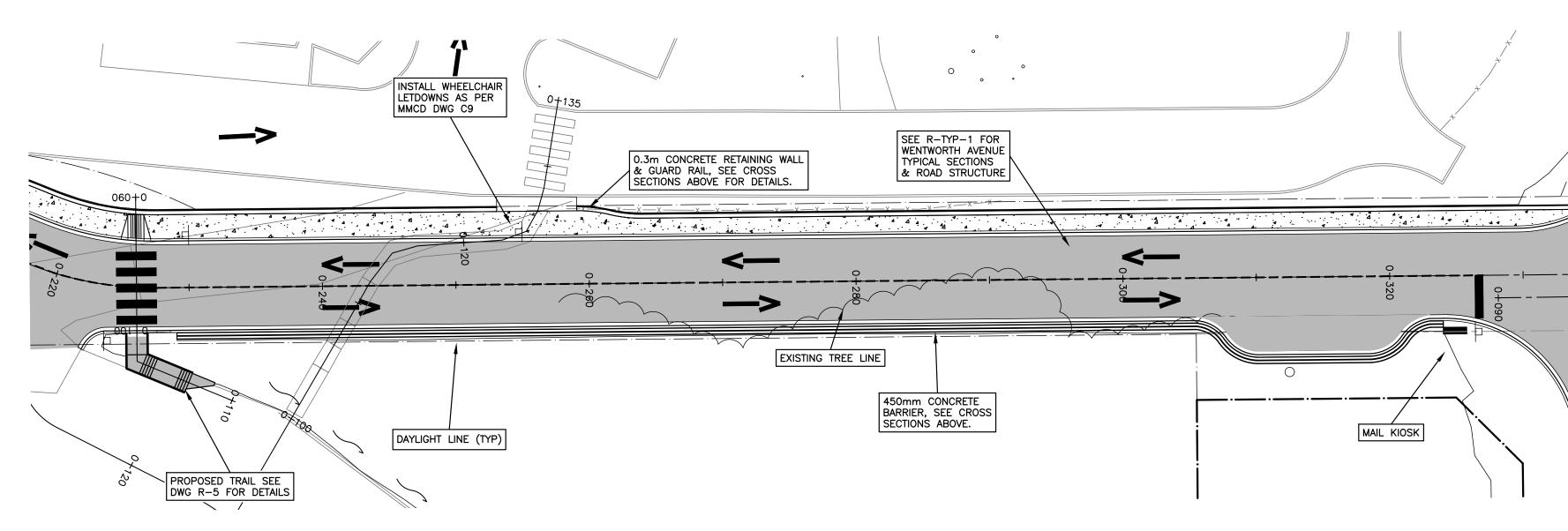
SMP

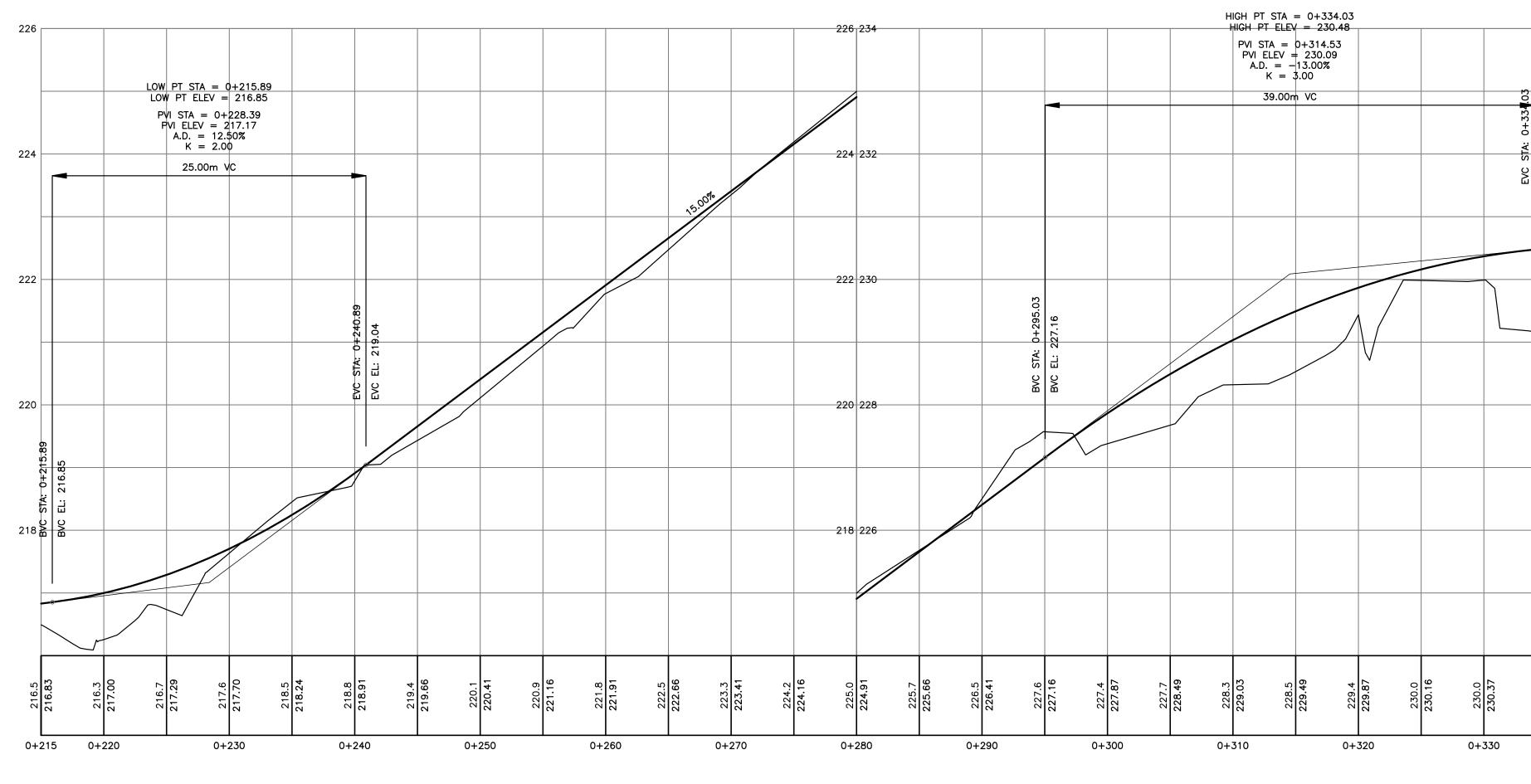


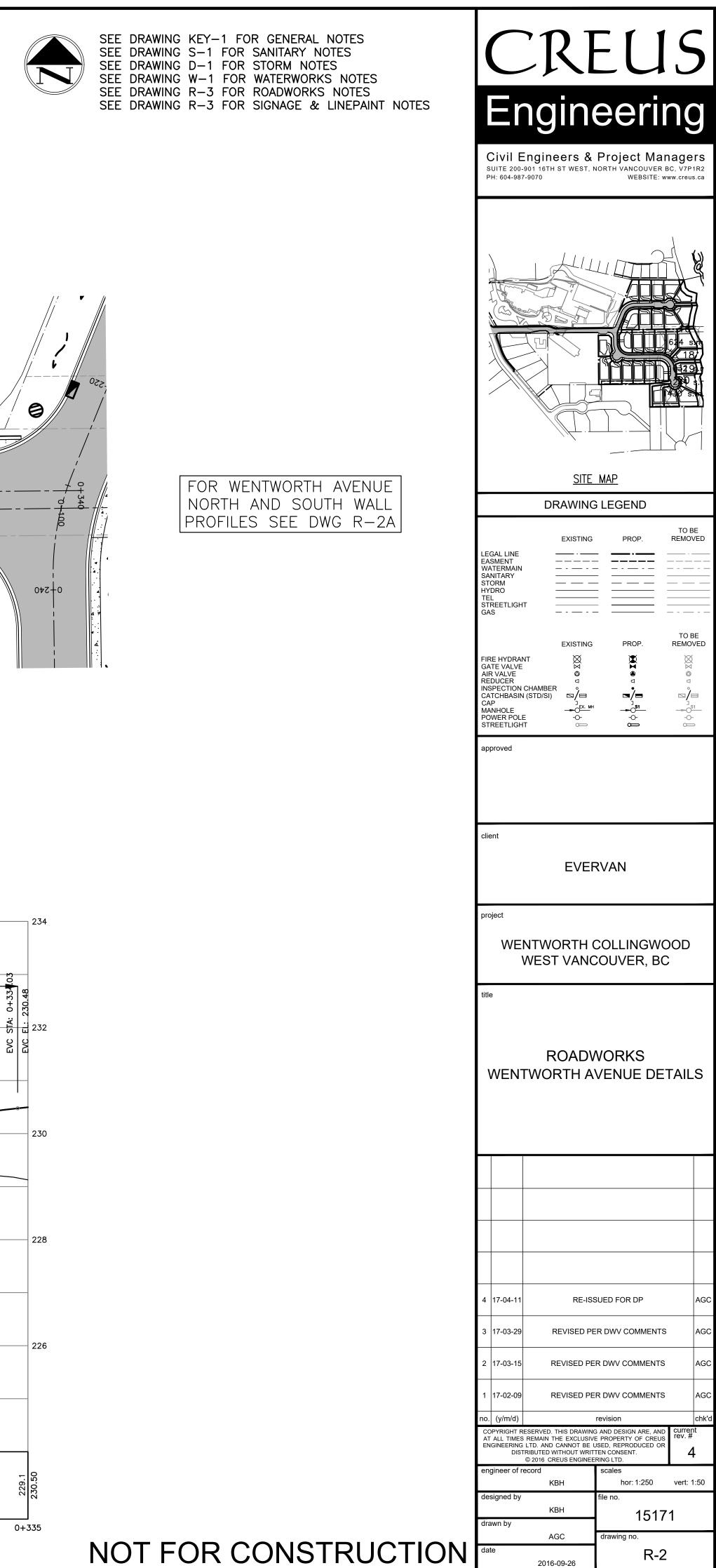
SEE DRAWING KEY-1 FOR GENERAL NOTES SEE DRAWING S-1 FOR SANITARY NOTES SEE DRAWING D-1 FOR STORM NOTES SEE DRAWING W-1 FOR WATERWORKS NOTES SEE DRAWING R-3 FOR ROADWORKS NOTES SEE DRAWING R-3 FOR SIGNAGE & LINEPAINT NOTES	
CONTRACTOR TO VERIFY & LOCATE EXISTING MAINS & SERVICE CONNECTIONS & NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION	

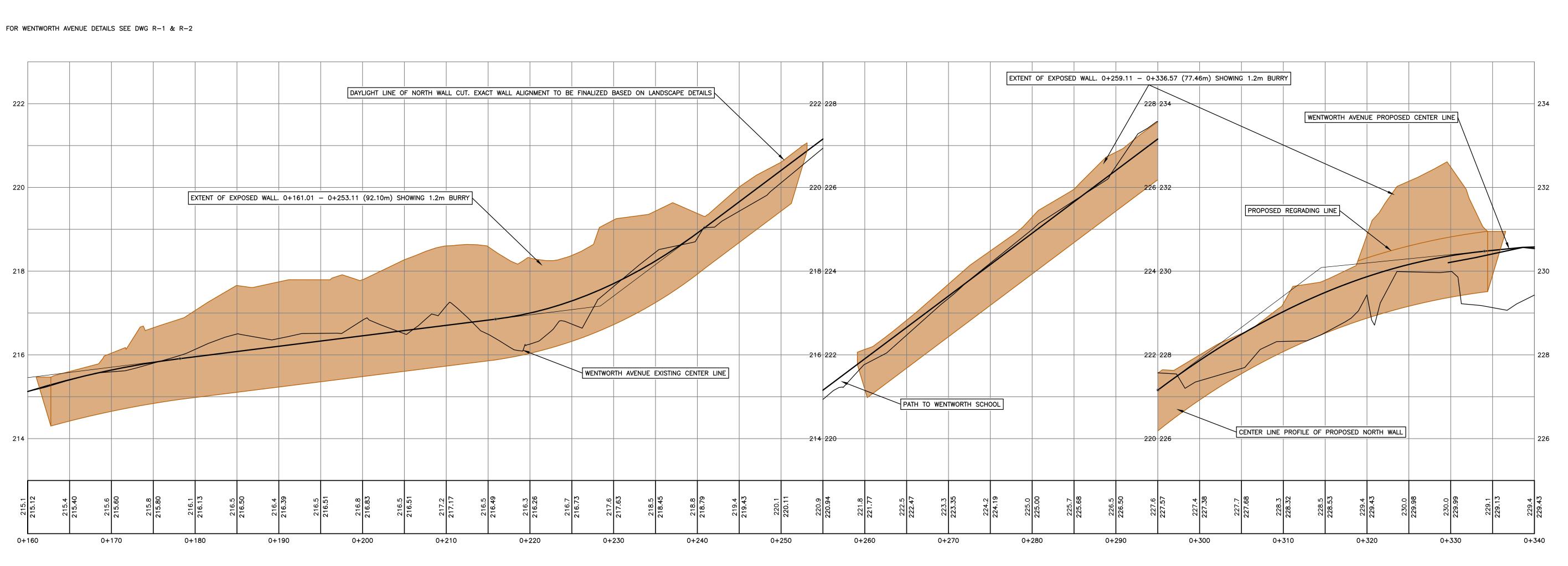
	drawn
NOT FOR CONSTRUCTION	date

C	RI	EU	5
En	ain	eerir	าต
Civil En	gineers &	Project Mar	nagers
PH: 604-987-90		WEBSITE: W	
	SITE		
	DRAWING		
LEGAL LINE EASMENT WATERMAIN SANITARY STORM HYDRO TEL STREETLIGHT GAS			TO BE REMOVED
FIRE HYDRANT GATE VALVE AIR VALVE REDUCER INSPECTION CH CATCHBASIN (S CAP MANHOLE POWER POLE STREETLIGHT approved			
client	EVEF	RVAN	
W		COLLINGWC OUVER, BC	
		VORKS TH AVENUE 90 - 0+360)	<u>-</u>
10 17-04-11	RE-ISS	SUED FOR DP	AGC
9 17-03-15	REVISED PE	R DWV COMMENTS	AGC
8 17-02-09	REVISED PE	R DWV COMMENTS	AGC
7 17-01-26	REVISED PE	R DWV COMMENTS	AGC
6 17-01-18	REV	ISED LOTS	AGC
5 17-01-12	CHAIRLIFT	FROAD & STAIRS	AGC
4 16-12-14	CHAIRLIFT	ROAD & CORNER	AGC
3 16-12-13 no. (y/m/d)		ROAD A	AGC chk'c
COPYRIGHT RESE AT ALL TIMES RE ENGINEERING LT	ERVED. THIS DRAWING	G AND DESIGN ARE, AND E PROPERTY OF CREUS JSED, REPRODUCED OR	current rev. # 10
	2016 CREUS ENGINEE		vert:1:100
designed by	КВН	file no. 1517	1
drawn by date	AGC	drawing no.	
	2016 00 26	<u>г</u> К-1	



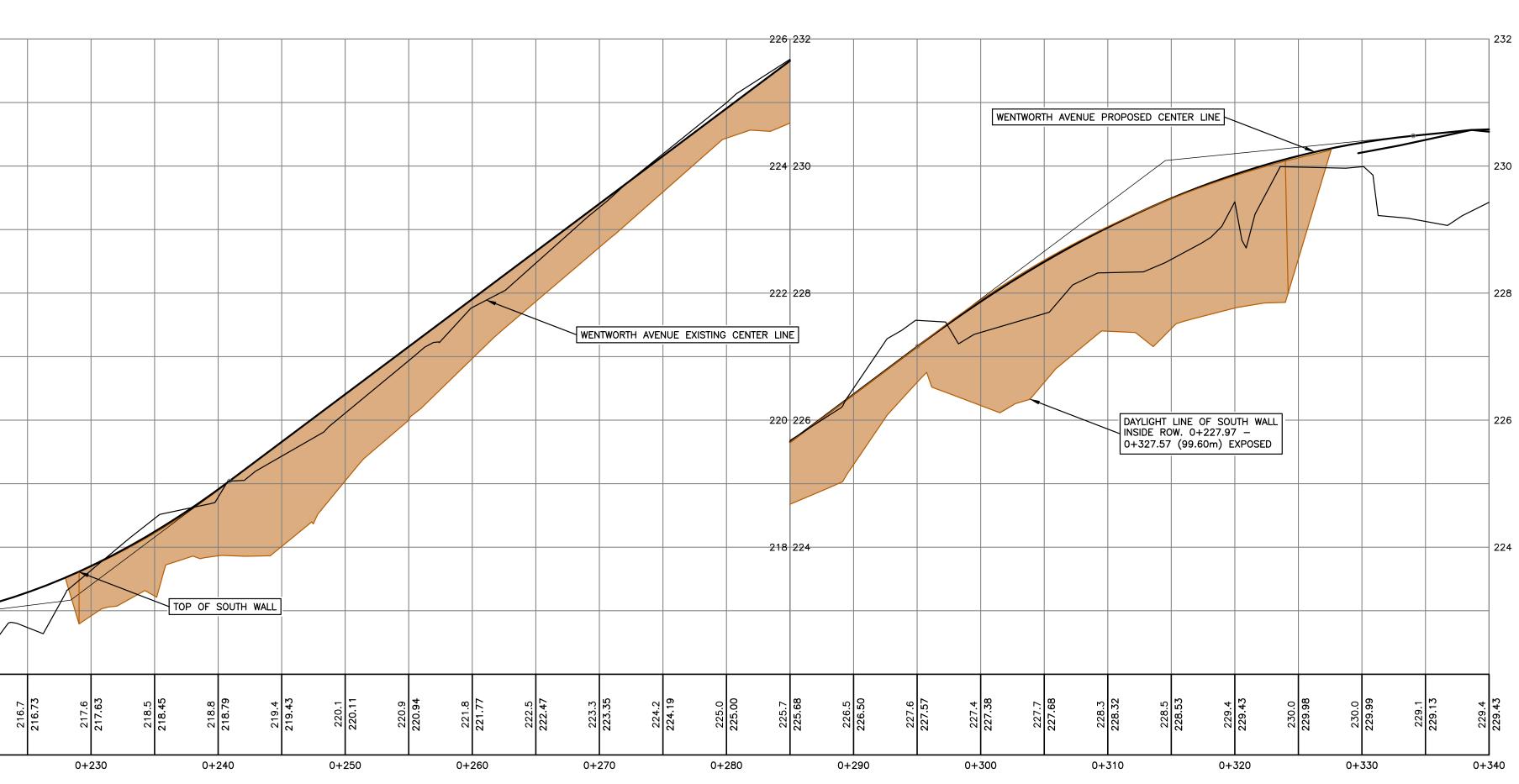








226 🗆

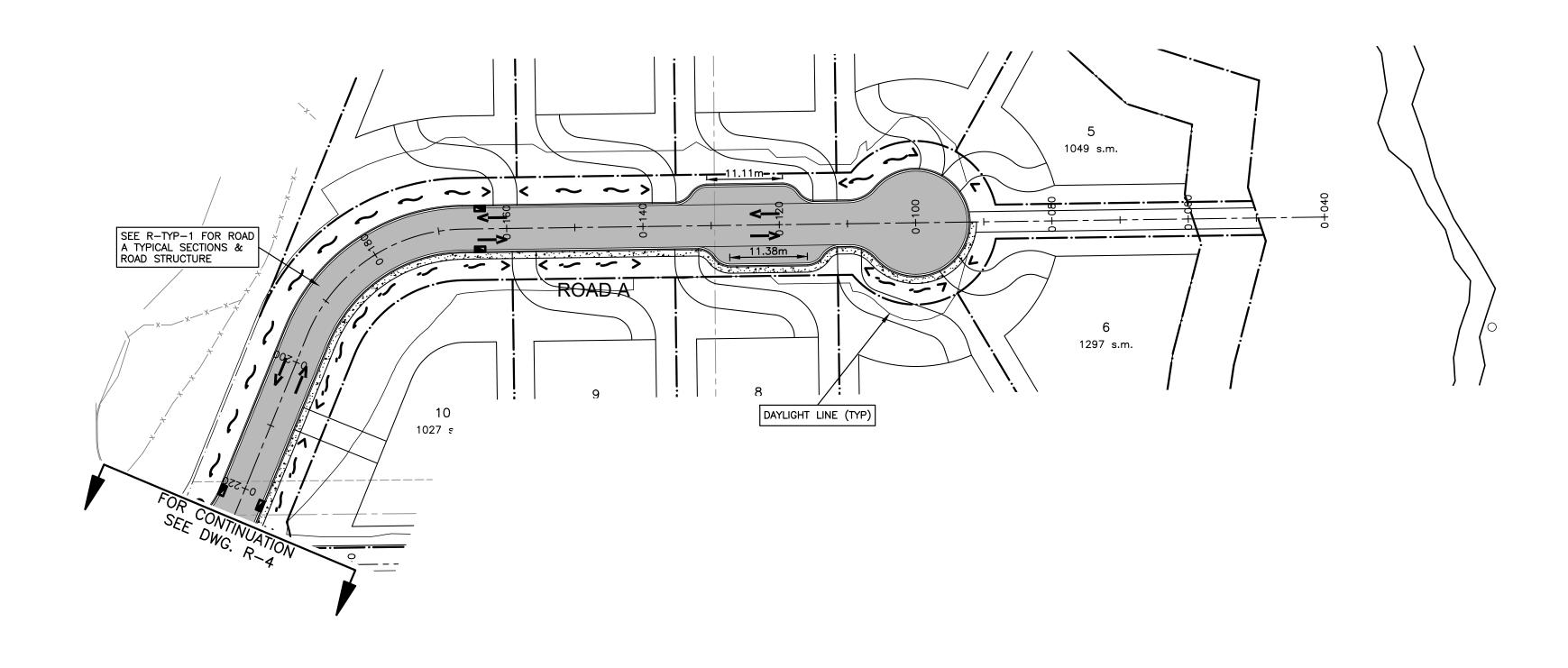


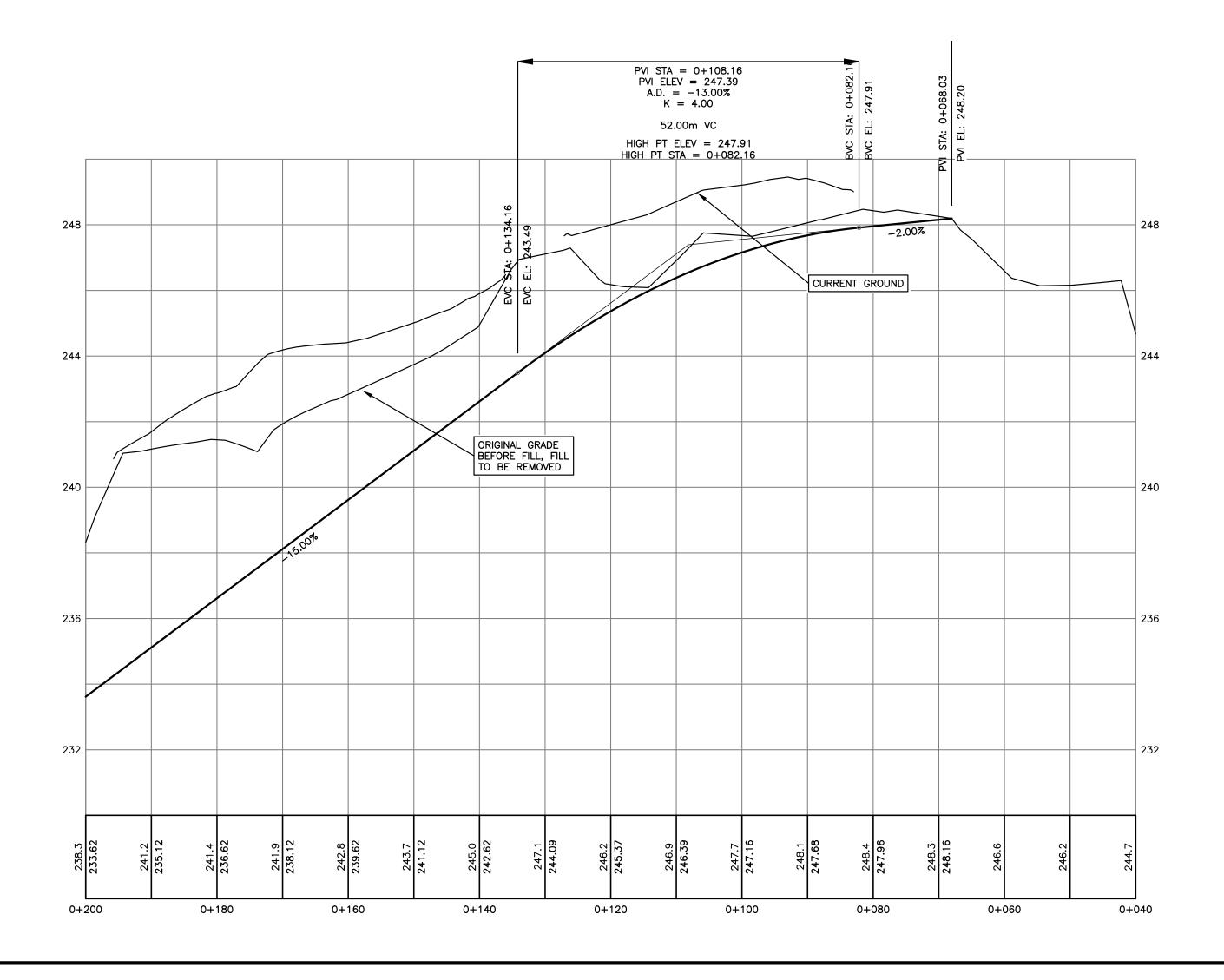
FOR WENTWORTH AVENUE DETAILS SEE DWG R-1 & R-2

NOT FOR CONSTRUCTION date 2016-09-26

CRF	
Engine	eering
Civil Engineers & F SUITE 200-901 16TH ST WEST, NC PH: 604-987-9070	Project Managers DRTH VANCOUVER BC, V7P1R2 WEBSITE: www.creus.ca
SITE 1	
DRAWING	
EXISTING	PROP. TO BE REMOVED
EXISTING	
client EVER	VAN
WENTWORTH C WEST VANC	
title ROADW WENTWORTH A	-
3 17-04-11 RE-ISSU	JED FOR DP AGC
2 17-03-29 REVISED PER	DWV COMMENTS AGC
	PROPERTY OF CREUS Fev. # ED, REPRODUCED OR
© 2016 CREUS ENGINEERI engineer of record KBH	
designed by f KBH drawn by	^{ile no.} 15171
	drawing no. R-2A

R-2A







SEE DRAWING KEY-1 FOR GENERAL NOTES SEE DRAWING S-1 FOR SANITARY NOTES SEE DRAWING D-1 FOR STORM NOTES SEE DRAWING W-1 FOR WATERWORKS NOTES

CONTRACTOR TO VERIFY & LOCATE EXISTING MAINS & SERVICE CONNECTIONS & NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION

ROADWORKS NOTES

- 1. ALL ROADWORKS CONSTRUCTION AND METHODS MUST BE IN ACCORDANCE WITH MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD).
- 2. PAVING CAN ONLY PROCEED IN THE PRESENCE OF THE ENGINEER OR DESIGNATED INSPECTORS.
- 3. CONTRACTOR TO SUBMIT SEIVE TEST AND SOURCE DATA FOR AGGREGATES AND MIX DESIGN FOR ASPHALT AT BEGINNING OF CONTRACT FOR REVIEW AND APPROVAL.
- 4. ALL LOOSE AND ORGANIC MATERIAL TO BE EXCAVATED FROM ROADWAY, ALL SUBGRADES TO BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY. SUBGRADE TO BE INSPECTED BY ENGINEER PRIOR TO PLACEMENT OF GRAVEL SUBBASE. ANY WATER SOFTENED SUBGRADE SOIL SHALL BE OVEREXCAVATED AND THE GRADE RESTORED WITH GRANULAR SOILS COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- 5. THE BASE AND SUBBASE MATERIALS SHALL BE PROPERLY PLACED AND COMPACTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR DRY DENSITY (ASTM D1557).
- 6. THE CONTRACTOR WILL GIVE ENGINEER THEN D.W.V. 48 HOURS NOTICE PRIOR TO SUBGRADE PROOF ROLL, BASE COMPACTION AND PAVING.
- THE CONTRACTOR MUST NOTIFY ENGINEER 48 HOURS PRIOR TO STARTING CONSTRUCTION TO ESTABLISH AN INSPECTION SCHEDULE.
 A PORTION OF THE CONTRACT DOCUMENTS IS INCLUDED BY REFERENCE. COPIES OF
- THESE DOCUMENTS HAVE BEEN REFERENCED IN THE TENDER PACKAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT CURRENT RELEVANT COPIES OF ALL DRAWINGS AND CONTRACT DOCUMENTS ARE FORWARDED TO SURVEYORS, TESTING AGENCIES, SUBCONTRACTORS, SUPERINTENDENTS, ESTIMATORS, PROJECT MANAGERS, SITE STAFF AND ANY OTHER RELEVANT PARTIES. CONTRACTOR CONFIRMS THEY HAVE REVIEWED SAME PRIOR TO SUBMITTING TENDER.
- 8. ALL CUTS IN EXISTING ASPHALT REQUIRED FOR CONSTRUCTION SHALL BE VERTICAL, FULL DEPTH, WITH A DIAMOND SAW AND REPLACED TO FULL / DESIGN DEPTH WITH MINIMUM 80mm ASPHALT CONCRETE FOR MAIN ROADS AND 65mm ASPHALT CONCRETE FOR LANES, AFTER BACKFILL AND COMPACTION. ALL PAVEMENTS, BOULEVARDS, DRIVEWAYS, FENCES, ETC. ARE TO BE RESTORED TO THE SATISFACTION AND APPROVAL OF THE CITY WHEN NO IMPROVEMENT IS PROPOSED UNDER THIS CONTRACT.
- 9. TOP LIFT OF ASPHALT TO BE MINIMUM 40 mm OR AS NOTED.
- 10. ALL PAVEMENTS, BOULEVARDS, DRIVEWAYS, FENCES, ETC. ARE TO BE RESTORED TO ORIGINAL CONDITION WHEN NO IMPROVEMENT IS PROPOSED UNDER THIS CONTRACT. CONTRACTOR TO ROUGHGRADE THE BOULEVARDS AT THE SAME TIME AS ROAD GRADING.
- CHANGES IN GRADE TO BE FORMED WITH SMOOTH CURVES.
 COVERS FOR INSPECTION CHAMBERS AND VALVE RISERS IN DRIVEWAYS SHALL BE SUITABLE FOR TRAVELED AREAS
- 13. ALL MANHOLE LIDS, VALVE COVERS, CATCHBASIN RIMS AND LIDS OF OTHER STRUCTURES TO BE SET AT FIRST LIFT ROAD ELEVATIONS AND RAISED WHEN FINAL LIFT INSTALLED.
- 14. ENSURE ALL NEW PAVEMENT WORKS ARE KEYED INTO EXISTING ASPHALT AS PER MMCD STANDARD.

SIGNAGE & LINEPAINTING

- ALL SIGNING AND PAVEMENT MARKINGS ARE TO BE AS PER MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA (LATEST EDITION), AND THE BRITISH COLUMBIA MINISTRY OF TRANSPORTATION PAVEMENT MARKINGS MANUAL AND MANUAL OF STANDARD TRAFFIC SIGNS AND PAVEMENT MARKINGS.
- 2. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC EXCEPT FOR LONG LINES OR WHERE INDICATED OTHERWISE
- 3. TEMPORARY LINE PAINTING TO BE PAINT.
- 4. UNLESS NOTED OTHERWISE, ALL LINE TYPES ARE 100mm WIDE.
- ALL NEW SIGNS TO BE MANUFACTURED WITH HIGH INTENSITY REFLECTIVITY & VETTED WITH MINISTRY OF TRANSPORTATION SIGNAGE DEPARTMENT TO ENSURE CONFORMANCE PRIOR TO ORDERING.
- 6. ALL ROADSIDE SIGNS TO BE PLACED PER PER MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA (LATEST EDITION) AND BE DAVIT TYPE SIGNS ADJACENT TO HIGHWAY.
- 8. SIGN COLOURS, TEXT SIZE & FONTS TO CONFORM WITH T.A.C. AND DWV STANDARDS.
- 10. SIGN POSTS TO BE ROUND. BOTTOM OF SIGNS TO BE 2.0m 3.0m ABOVE GROUND.
- 11. BASES TO BE 36KG CONCRETE TRAPEZOIDAL WITH SLEEVES BY VALLEY SIGNS OR APPROVED EQUAL IN BOULEVARD. SLEEVES TO BE USED IN SIDEWALKS/CONCRETE AREAS.
- 12. BASES TO BE BURRED TO 25mm FROM THE TOP AND BASE TO BE SECURE IN GROUND.
- 13. ALL SIGNS TO BE INSTALLED VERTICALLY, TOLERANCE 2°.
- 14. CONTRACTOR TO ERADICATE ALL EXISTING LINE PAINTING THAT DOES NOT COINCIDE WITH PROPOSED. ERADICATION BY PAINTING IS NOT ALLOWED UNLESS OTHERWISE INDICATED
- 15. ALL PERMANENT SIGNAGE TO BE SUPPLIED AND INSTALLED BY THE DISTRICT OF WEST VANCOUVER AT THE DEVELOPER"S COST.

NOT FOR CONSTRUCTION

	C	CREU	5
	Er	ngineerir	ng
S	Divil E UITE 200- H: 604-987	Engineers & Project Man 1901 16TH ST WEST, NORTH VANCOUVER B 7-9070 WEBSITE: WY	C, V7P1R2
		SITE MAP	
		DRAWING LEGEND	
EA WA SA ST HY TE	REETLIGH	EXISTING PROP.	TO BE REMOVED
GA AIF RE INS CA CA MA PO	TCHBASIN		TO BE REMOVED ⊠ S © C ○ C C C C C C C C C C C C C C C C C
ap	proved		
clie	ent	EVERVAN	
pro		NTWORTH COLLINGWC WEST VANCOUVER, BC	
title	•	ROADWORKS ROAD A (STA. 0+040 - 0+200)	
11	17-04-11	RE-ISSUED FOR DP	AGC
10	17-03-29	REVISED PER DWV COMMENTS	AGC
9	17-03-15	REVISED PER DWV COMMENTS	AGC
8	17-02-09	REVISED PER DWV COMMENTS	AGC
7	17-01-26	REVISED PER DWV COMMENTS	AGC
6	17-01-18	REVISED LOTS	AGC
5	17-01-12	CHAIRLIFT ROAD & STAIRS	AGC
4 no.	16-12-14 (y/m/d)	CHAIRLIFT ROAD & CORNER	AGC
CC AT	PYRIGHT R ALL TIMES GINEERING	ESERVED. THIS DRAWING AND DESIGN ARE, AND REMAIN THE EXCLUSIVE PROPERTY OF CREUS LTD. AND CANNOT BE USED, REPRODUCED OR RIBUTED WITHOUT WRITTEN CONSENT.	current rev. # 11
en	gineer of r	© 2016 CREUS ENGINEERING LTD.	

hor: 1:500 vert: 1:100

15171

R-3

awing no.

KBH

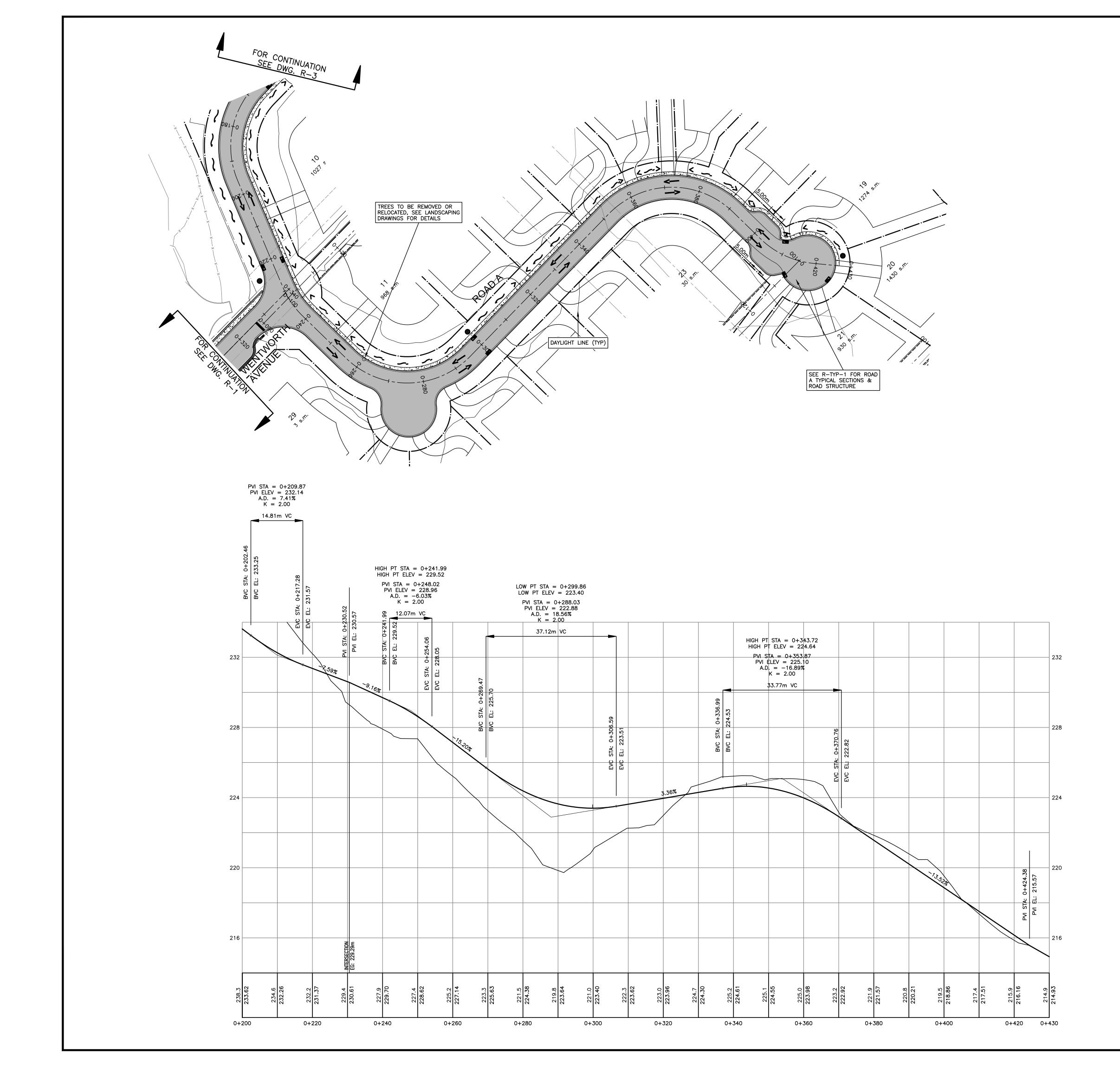
KBH

AGC

2016-09-26

signed by

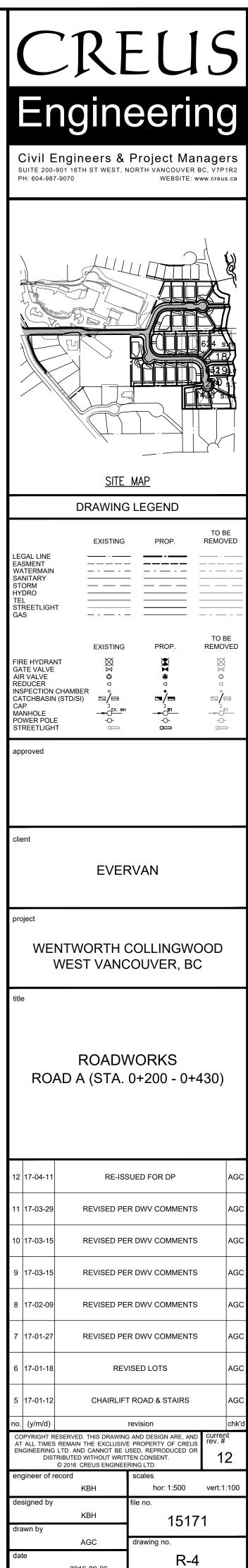
awn by



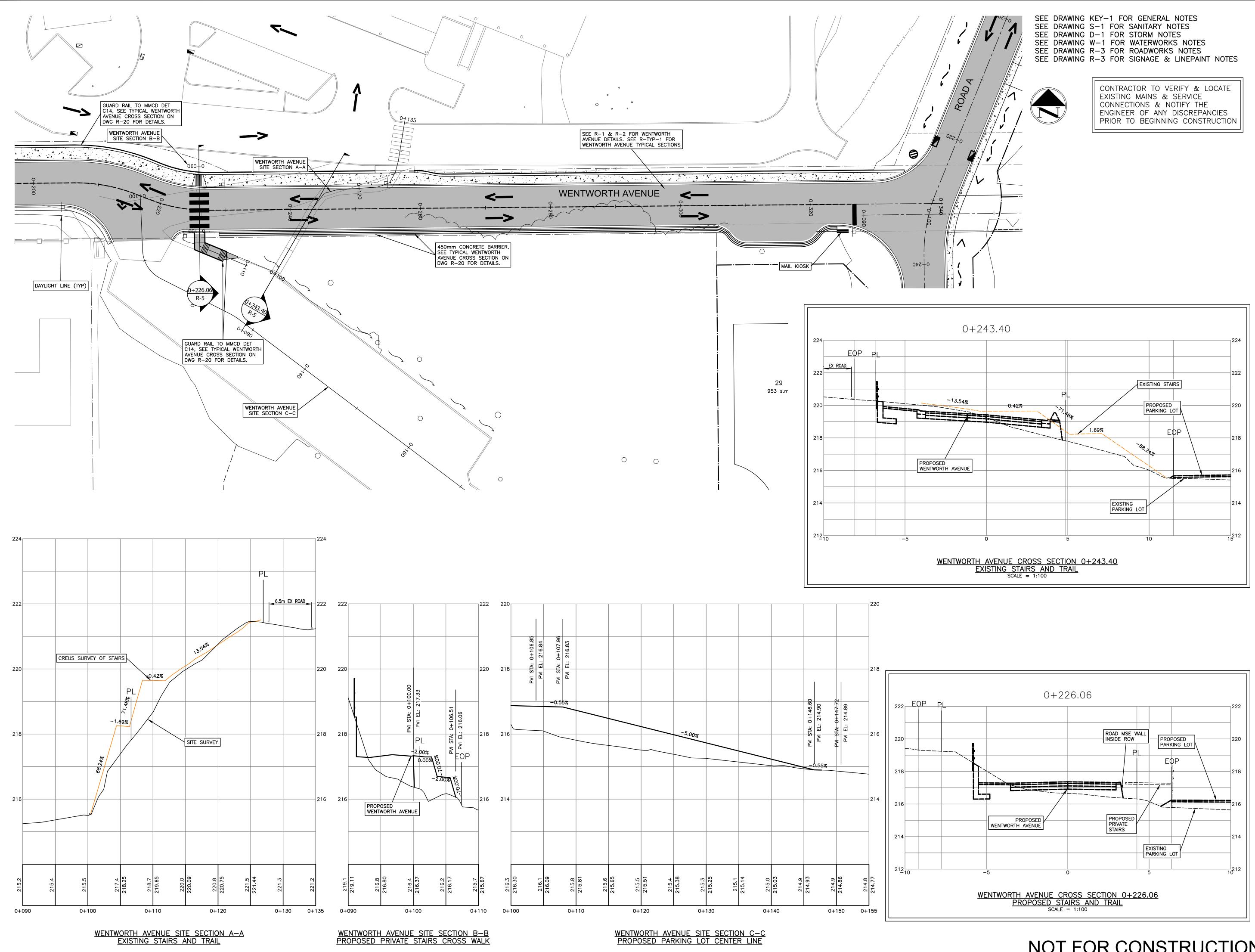


SEE DRAWING KEY-1 FOR GENERAL NOTES SEE DRAWING S-1 FOR SANITARY NOTES SEE DRAWING D-1 FOR STORM NOTES SEE DRAWING W-1 FOR WATERWORKS NOTES SEE DRAWING R-3 FOR ROADWORKS NOTES SEE DRAWING R-3 FOR SIGNAGE & LINEPAINT NOTES

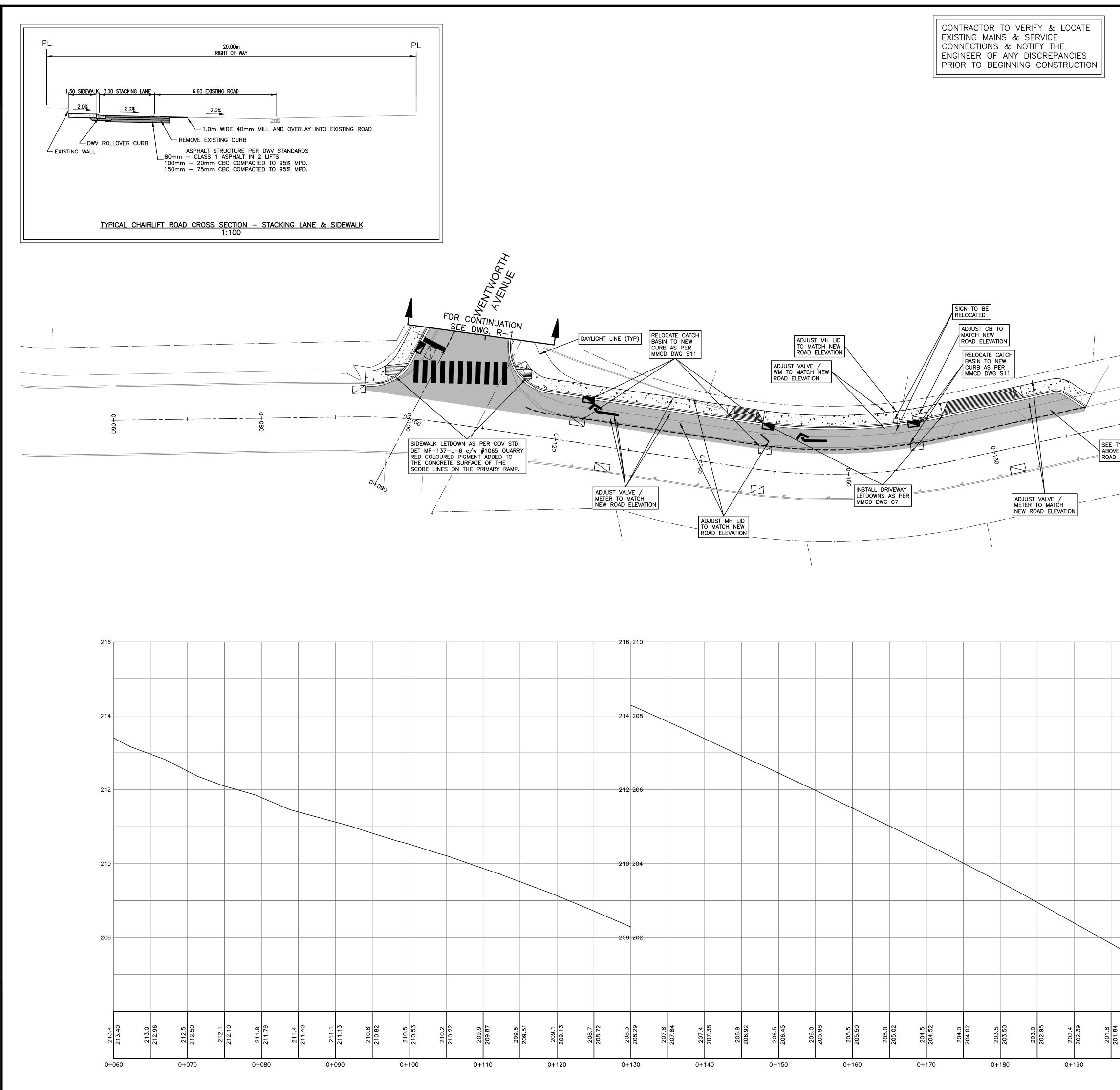
CONTRACTOR TO VERIFY & LOCATE EXISTING MAINS & SERVICE CONNECTIONS & NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION



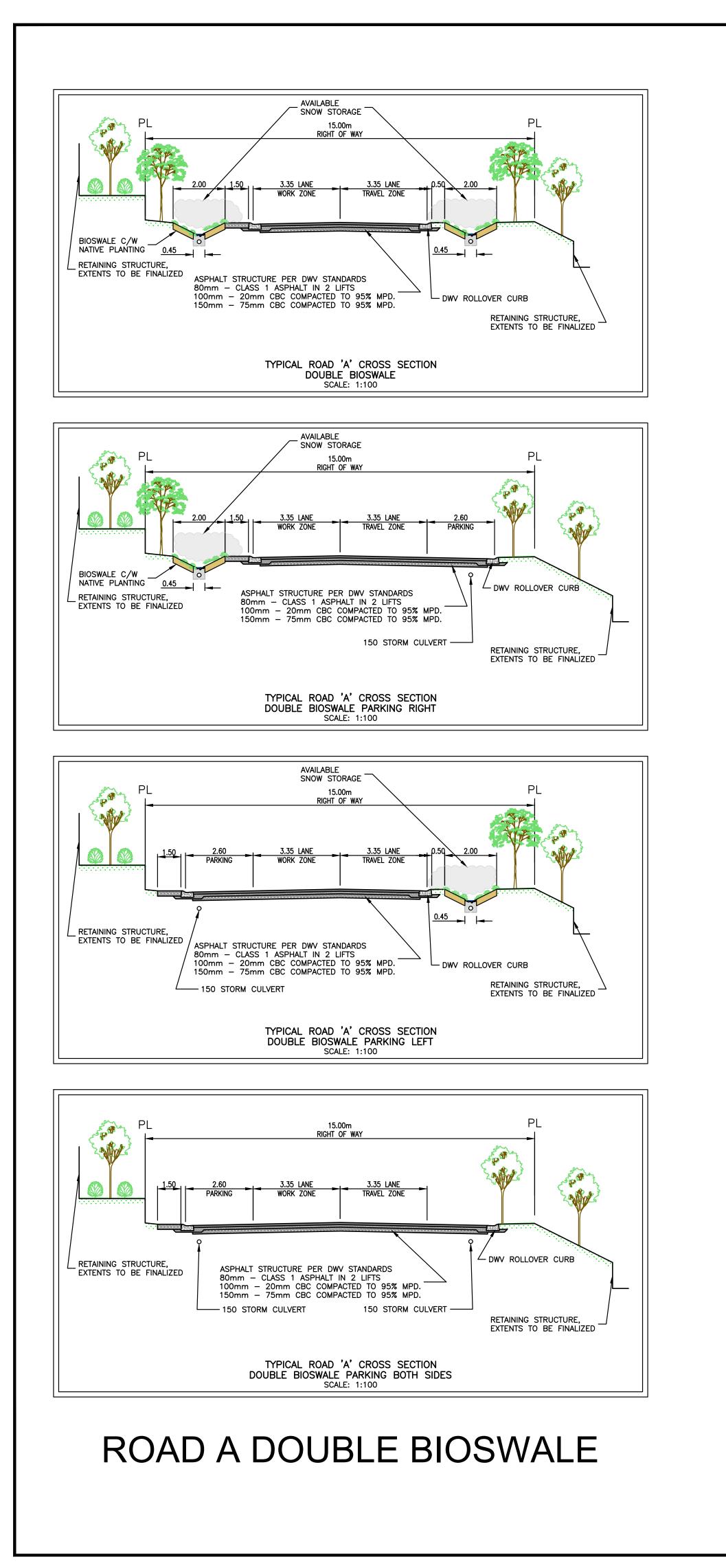
2016-09-26

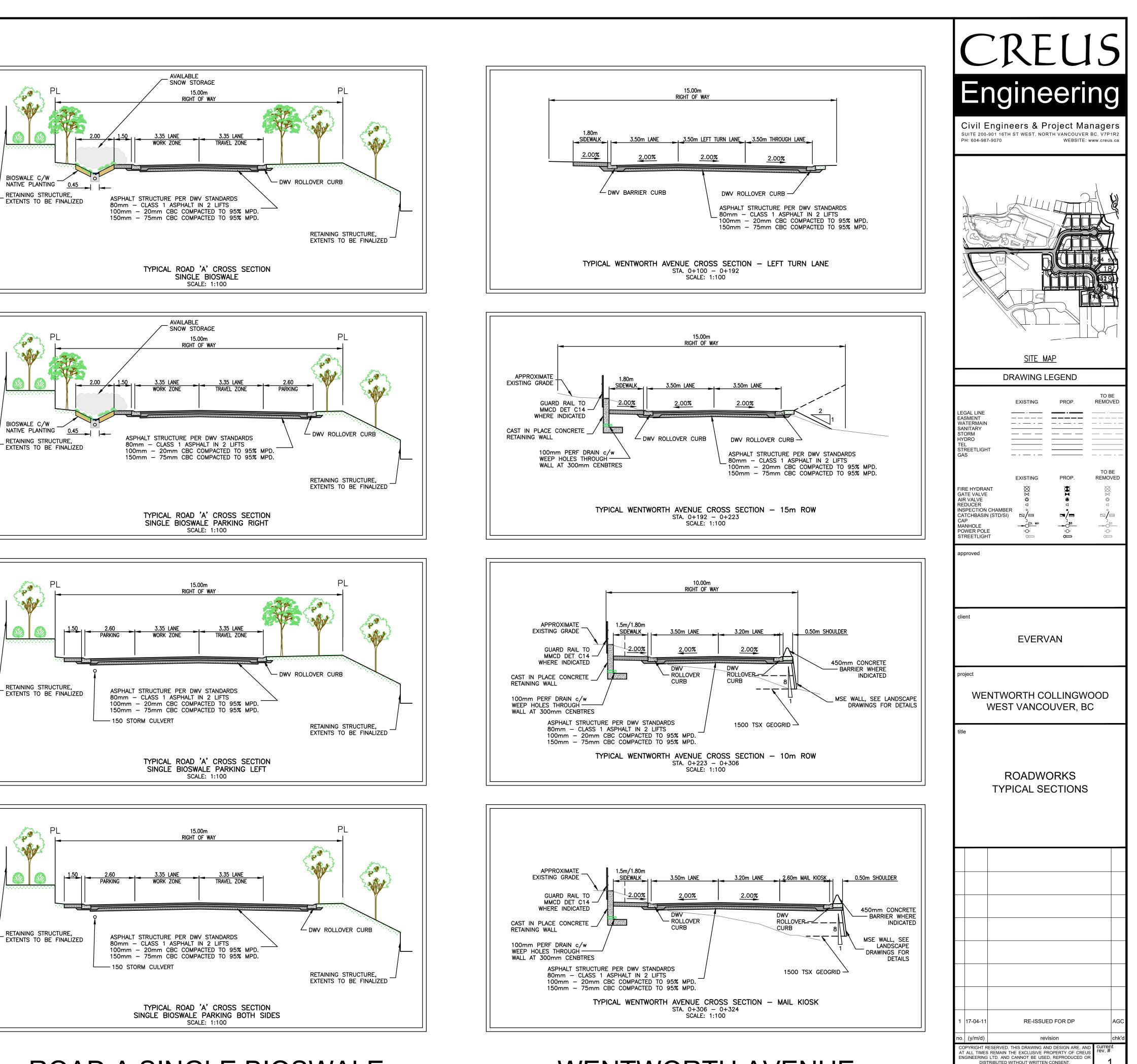


($\sum 1$	\mathbf{Z}	E(5
	no		ee	rin	10
Civi	l Engin	eers &	Projec NORTH VANC	t Man ouver b	agers
			MAP		
	D	RAWING	G LEGEN	D	TO ==
LEGAL LI EASMEN WATERM SANITAR STORM HYDRO	Г AIN	EXISTING	PRO	P.	TO BE REMOVED
TEL STREETL GAS	IGHT				
	LVE YE R ION CHAMBEI ASIN (STD/SI) E POLE			- 1	TO BE REMOVED
approved	1				
client		EVE	RVAN		
project V			COLLIN		
title WE	-		VORK: VENU	-	AIRS
11 17-04	-11	RE-IS	SUED FOR D	P	AGC
10 17-03	-29 F	REVISED PE	ER DWV CON	IMENTS	AGC
9 17-03	-15 F	REVISED PE	ER DWV COM	IMENTS	AGC
8 17-02	-09 F	REVISED PE	ER DWV CON	IMENTS	AGC
7 17-01	-26 F	REVISED PE	ER DWV CON	IMENTS	AGC
6 17-01	-18	RE	/ISED LOTS		AGC
5 17-01	-12	CHAIRLIF	T ROAD & SI	TAIRS	AGC
4 16-12	-14	CHAIRLIFT	ROAD & CO	RNER	AGC
no. (y/m			revision		chk'd
AT ALL T	IMES REMAIN T RING LTD. AND DISTRIBUTED \	THE EXCLUSIV CANNOT BE	G AND DESIGN 'E PROPERTY C USED, REPROD 'TEN CONSENT. ERING LTD.	OF CREUS UCED OR	current rev.# 11
engineer	of record	(BH	scales	:250	vert: 1:50
designed	K	(BH	file no.	1517	1
drawn by		GC	drawing no.		•
date	2016	6-09-26		R-5	



SEE DRAWING KEY-1 FOR GENERAL NOTES SEE DRAWING S-1 FOR SANITARY NOTES	CREUS
SEE DRAWING D-1 FOR STORM NOTES SEE DRAWING W-1 FOR WATERWORKS NOTES SEE DRAWING R-3 FOR ROADWORKS NOTES SEE DRAWING R-3 FOR SIGNAGE & LINEPAINT NOTES	
SEE DIAMING IN STON SIGNAGE & EINELAINT NOTES	Engineering
	Civil Engineers & Project Managers SUITE 200-901 16TH ST WEST, NORTH VANCOUVER BC, V7P1R2 PH: 604-987-9070 WEBSITE: www.creus.ca
	<image/> <section-header></section-header>
	DRAWING LEGEND
CHAIRLIFT ROAD	EXISTING PROP. TO BE REMOVED LEGAL LINE
TYPICAL SECTION	TO BE EXISTING PROP. REMOVED
STRUCTURE	FIRE HYDRANT GATE VALVE AIR VALVE REDUCER INSPECTION CHAMBER CATCHBASIN (STD/SI) CAP MANHOLE MANHOLE CAP C
	ANHOLE
	client EVERVAN
210	WENTWORTH COLLINGWOOD WEST VANCOUVER, BC
	title
208	ROADWORKS CHAIRLIFT ROAD
206	
	7 17-04-11 RE-ISSUED FOR DP AGC
204	6 17-03-29 REVISED PER DWV COMMENTS AGC
	5 17-03-15 REVISED PER DWV COMMENTS AGC
	4 17-02-09 REVISED PER DWV COMMENTS AGC
202	3 17-01-26 REVISED PER DWV COMMENTS AGC
	2 17-01-18 REVISED LOTS AGC
	1 17-01-12 CHAIRLIFT ROAD & STAIRS AGC
	no. (y/m/d) revision chk'd COPYRIGHT RESERVED. THIS DRAWING AND DESIGN ARE, AND AT ALL TIMES REMAIN THE EXCLUSIVE PROPERTY OF CREUS ENGINEERING, LTD, AND CANNOT BE USED, PERPRODUCED OR current rev. #
	ENGINEERING LTD. AND CANNOT BE USED, REPRODUCED OR DISTRIBUTED WITHOUT WRITTEN CONSENT. © 2016 CREUS ENGINEERING LTD. engineer of record scales
201.3	KBH hor: 1:250 vert: 1:50 designed by file no. KBH A F A T A
	drawn by AGC drawing no.
NOT FOR CONSTRUCTION	date R-6





ROAD A SINGLE BIOSWALE



© 2016 CREUS ENG

KBH

KBH

AGC

2016-09-26

hor: -

15171

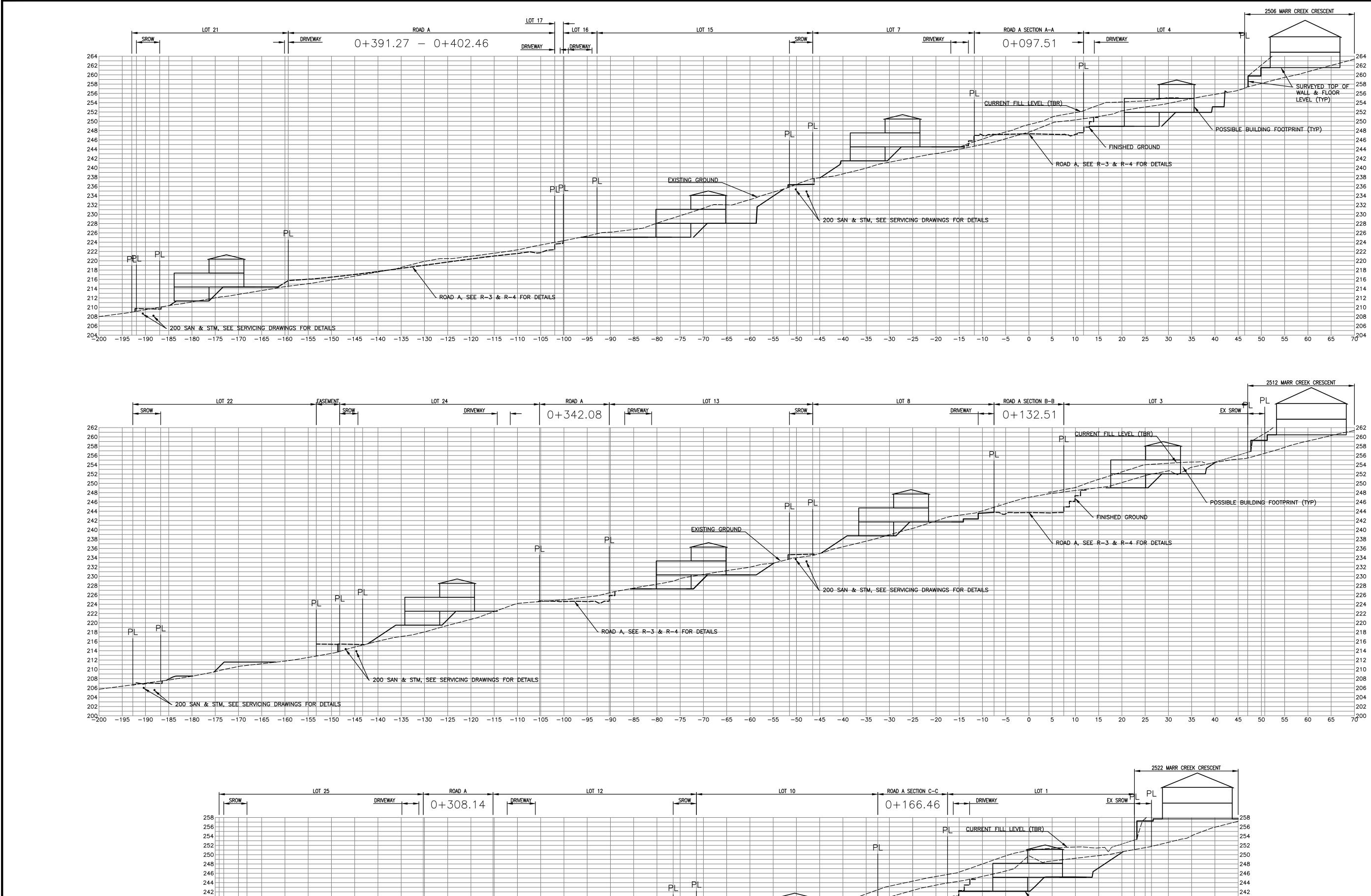
R-TYP-1

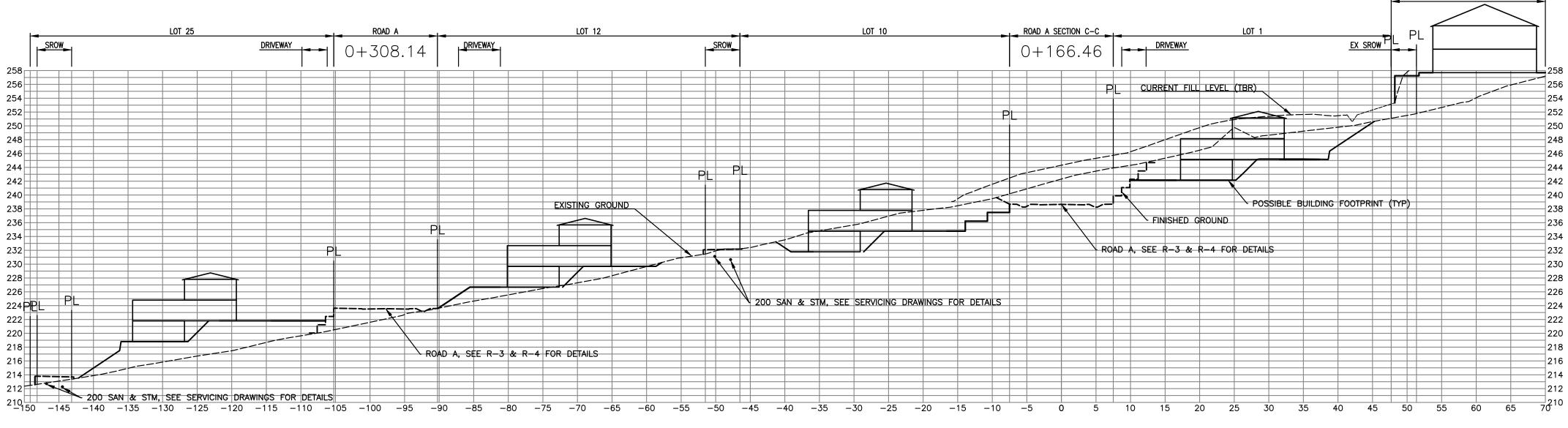
vert:

ngineer of reco

igned b

WENTWORTH AVENUE

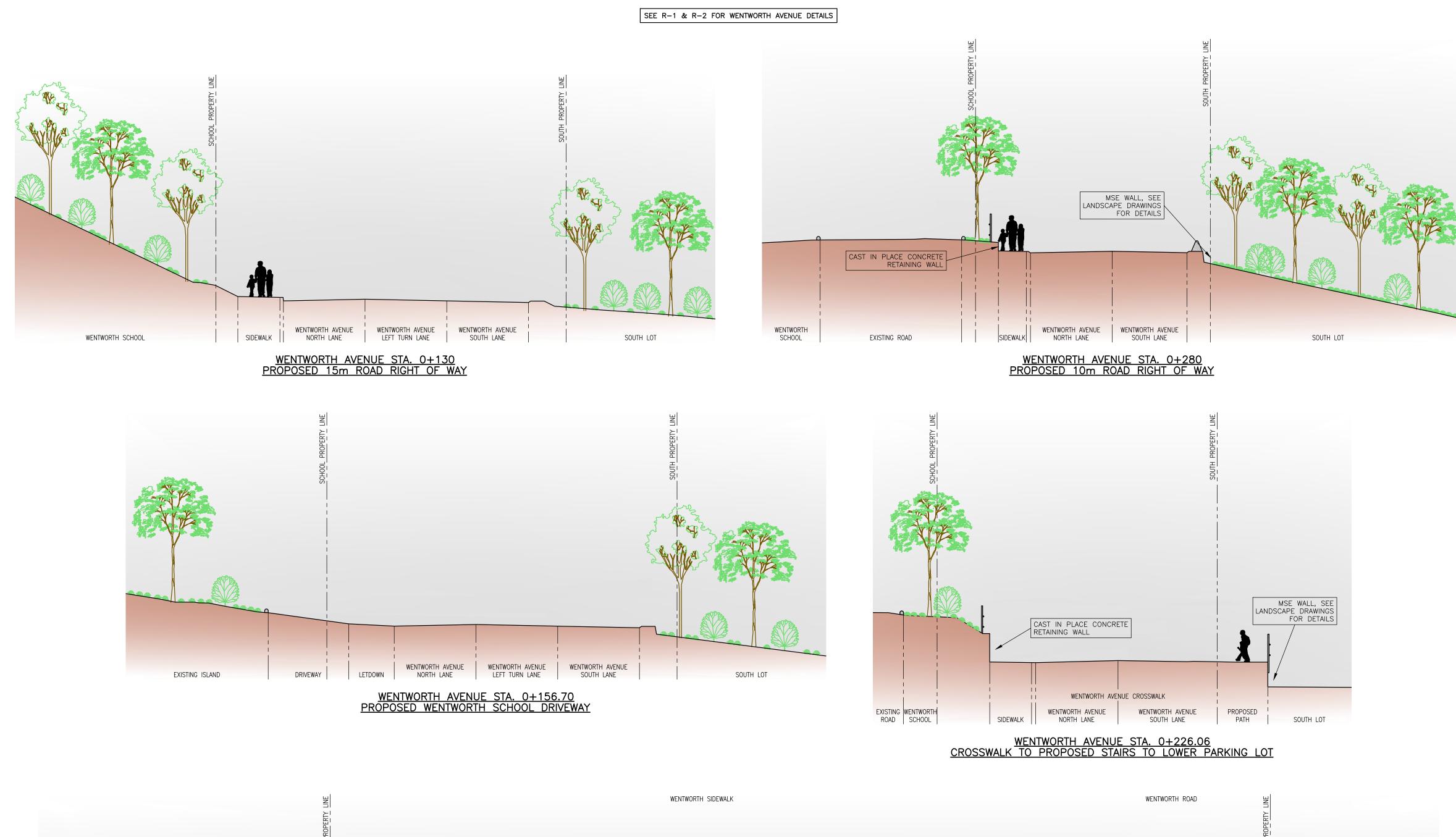


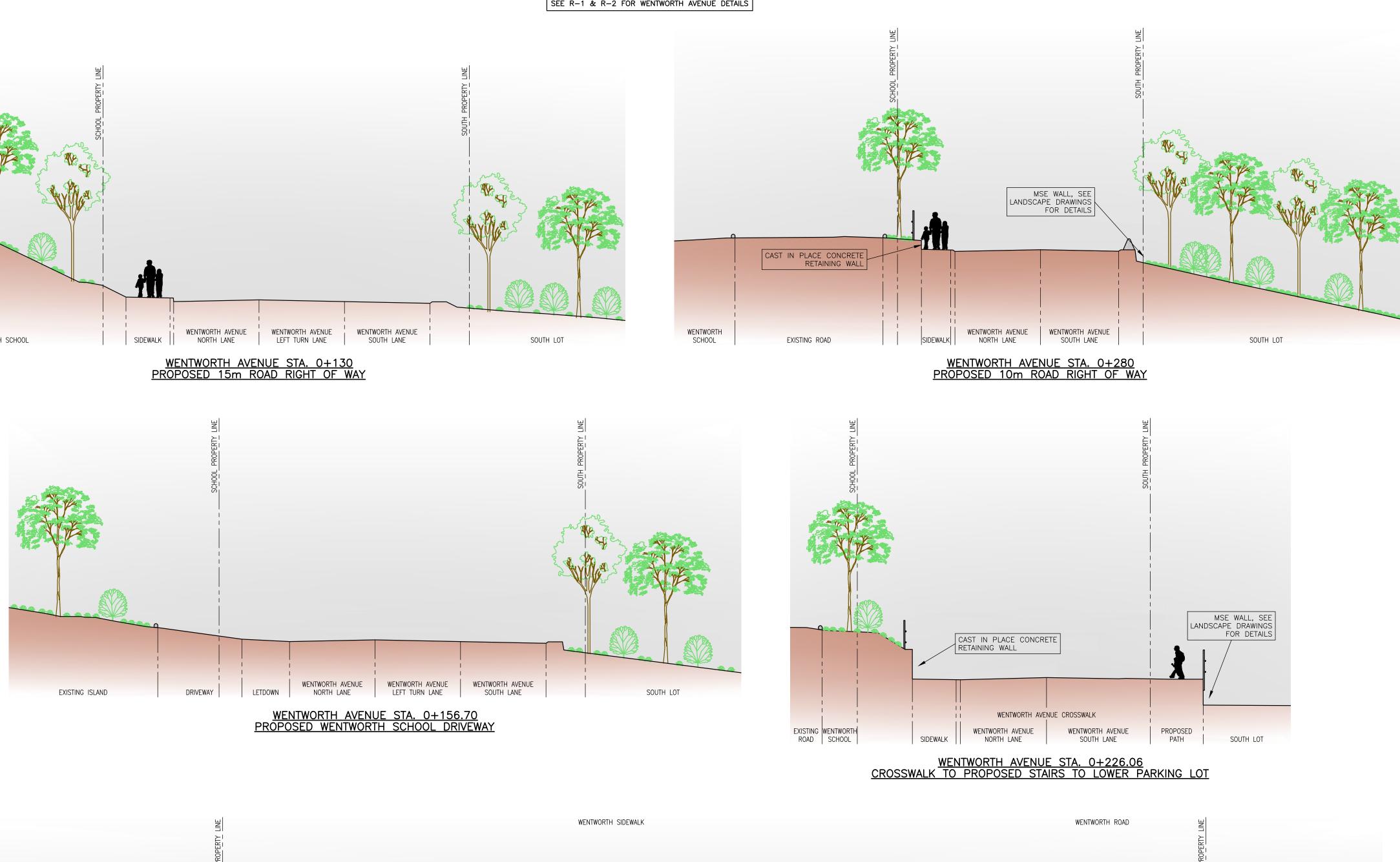


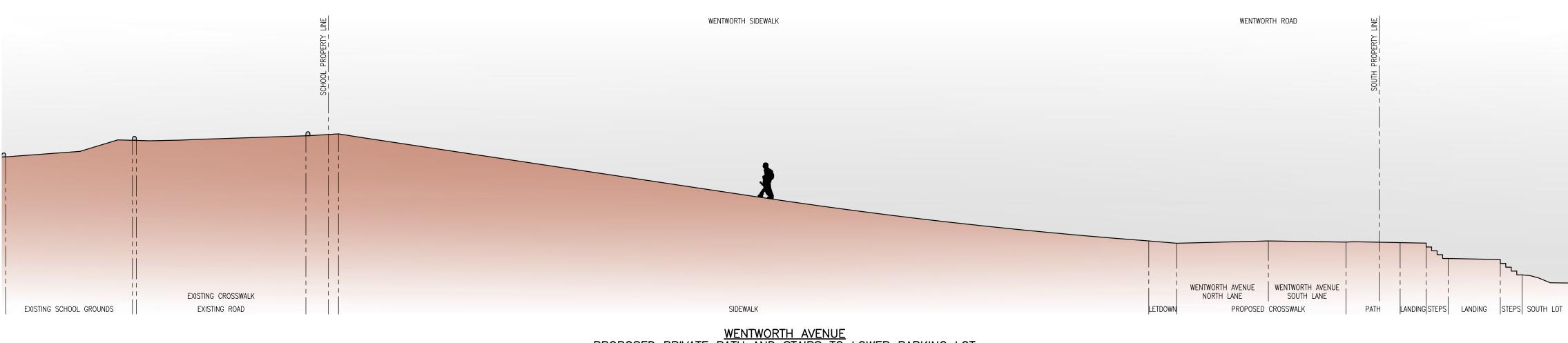


C	CR	E	EU)
Er	ngi	ne	eri	nç	J
	-901 16TH ST V		roject Ma TH VANCOUVER WEBSITE:	R BC, V7P1	IR2
	DRAV	VING L	EGEND		
LEGAL LINE EASMENT WATERMAIN SANITARY STORM HYDRO TEL STREETLIGH GAS		STING	PROP.	TO B REMOV	
FIRE HYDRA GATE VALVE AIR VALVE REDUCER INSPECTION CATCHBASIN CAP MANHOLE POWER POL STREETLIGH	NT CHAMBER N (STD/SI) □ E	STING			/ED
	NTWOR		/AN DLLINGW DUVER, B		
title		SEC ROAD	TIONS A		
title 8 17-05-19	F	ROAD			AAP
	REVI	ROAD) A		AAP
8 17-05-19	REVI	ROAD) A NEW GRADING		
8 17-05-19 7 17-04-11	REVI	ROAD) A NEW GRADING	Y	AGC
8 17-05-19 7 17-04-11 6 17-04-10	REVIS	ROAD) A NEW GRADING ED FOR DP SENNET SURVE	Y 'S	AGC AGC
8 17-05-19 7 17-04-11 6 17-04-10 5 17-03-29	REVIS REVIS	RE-ISSUE) A NEW GRADING ED FOR DP SENNET SURVE	Y S S	AGC AGC AGC
8 17-05-19 7 17-04-11 6 17-04-10 5 17-03-29 4 17-03-15	REVIS REVIS REVIS REVIS	ROAD	A NEW GRADING D FOR DP SENNET SURVE DWV COMMENT	Y 'S S S	AGC AGC AGC AGC
8 17-05-19 7 17-04-11 6 17-04-10 5 17-03-29 4 17-03-15 3 17-02-09 2 17-01-26 1 17-01-18	REVIS REVIS REVIS REVIS	RE-ISSUE RE-ISSUE ED PER B SED PER C SED PER C SED PER C SED PER C	A NEW GRADING D FOR DP ENNET SURVE DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT	Y 'S S S	AGC AGC AGC AGC AGC AGC
8 17-05-19 7 17-04-11 6 17-04-10 5 17-03-29 4 17-03-15 3 17-02-09 2 17-01-26 1 17-01-18 no. (y/m/d) COPYRIGHT F		RE-ISSUE	A NEW GRADING D FOR DP SENNET SURVE DWV COMMENT DWV COMMENT DWV COMMENT	Y S S S S S Current S R Current S R	AGC AGC AGC AGC AGC AGC Chk'd
8 17-05-19 7 17-04-11 6 17-04-10 5 17-03-29 4 17-03-15 3 17-02-09 2 17-01-26 1 17-01-18 no. (y/m/d) COPYRIGHT F AT ALL TIMES ENGINEERING	REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS	RE-ISSUE	NEW GRADING ED FOR DP EENNET SURVE DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT ED LOTS ision D DESIGN ARE, AN COPERTY OF CREU D, REPRODUCED O CONSENT. 3 LTD. Eales	Y S S S S S S R Curren rev. # R R	AGC AGC AGC AGC AGC AGC Chk'd
8 17-05-19 7 17-04-11 6 17-04-10 5 17-03-15 3 17-02-09 2 17-01-26 1 17-01-18 no. (y/m/d) COPYRIGHT F AT ALL TIMES ENGINEERING DIS	REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS REVIS	RE-ISSUE RE-ISSUE SED PER B SED PER D SED PER C SED SEC	NEW GRADING ED FOR DP EENNET SURVE DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT DWV COMMENT ED LOTS ision D DESIGN ARE, AN ROPERTY OF CREL D, REPRODUCED O CONSENT. 3 LTD.	Y S S S S S Vert:1:	AGC AGC AGC AGC AGC AGC chk'd t

SECT-1







<u>WENTWORTH AVENUE</u> PROPOSED PRIVATE PATH AND STAIRS TO LOWER PARKING LOT

NOT FOR CONSTRUCTION



<u>SITE MAP</u> DRAWING LEGEND TO BE EXISTING PROP. REMOVED EGAL LIN _____ · ____ • ___ • ____ • ____ EASMENT WATERMAIN SANITARY ____ **___** -----_____ ____ STORM HYDRO _____ ____ TEL STREETLIGHT GAS _____ TO BE REMOVED PROP. EXISTING FIRE HYDRANT GATE VALVE AIR VALVE REDUCER INSPECTION CHAMBER CATCHBASIN (STD/SI) CAP \otimes ⊴/e MANHOLE POWER POLE STREETLIGHT -0- \odot approved EVERVAN project WENTWORTH COLLINGWOOD WEST VANCOUVER, BC SITE SECTIONS WENTWORTH SCHOOL RE-ISSUED FOR DP 4 17-04-11 REVISED PER DWV COMMENTS 3 17-03-29 REVISED PER DWV COMMENTS 2 17-03-15 1 17-02-09 REVISED PER DWV COMMENTS o. (y/m/d) revision COPYRIGHT RESERVED. THIS DRAWING AND DESIGN ARE, AND AT ALL TIMES REMAIN THE EXCLUSIVE PROPERTY OF CREUS ENGINEERING LTD. AND CANNOT BE USED, REPRODUCED OR DISTRIBUTED WITHOUT WRITTEN CONSENT. © 2016 CREUS ENGINEERING LTD. rev. # ngineer of record ales KBH hor: 1:100 vert: 1:100 esigned by KBH 15171 rawn by AGC rawing no. SECT-2

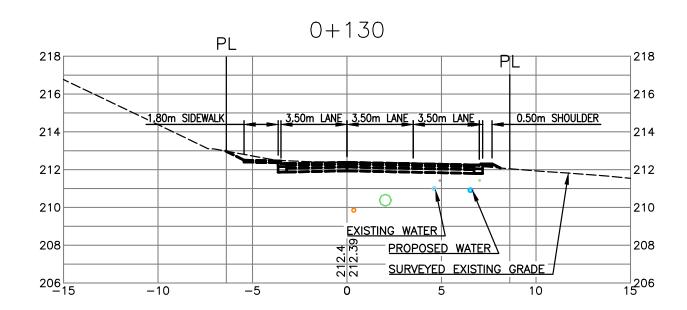
2016-09-26

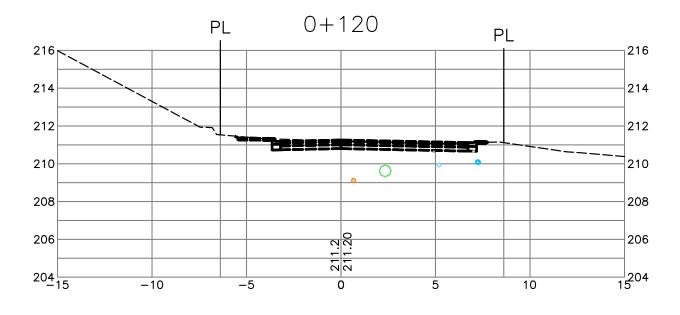
S

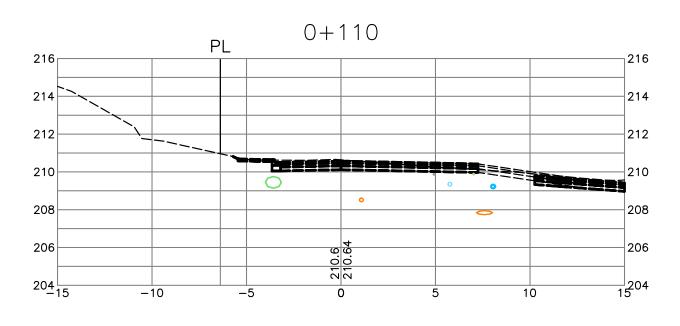
RF

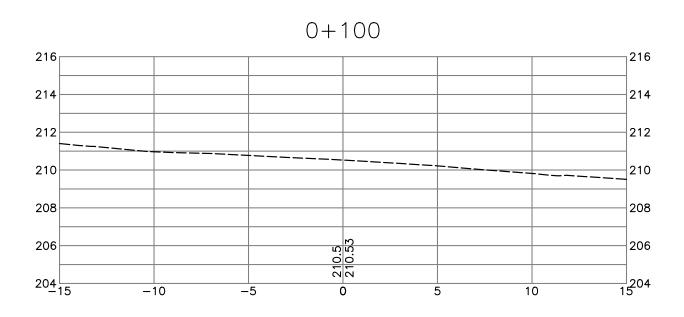
Engineering

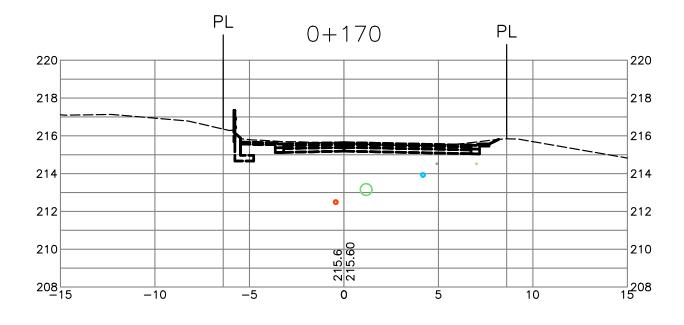
Civil Engineers & Project Managers SUITE 200-901 16TH ST WEST, NORTH VANCOUVER BC, V7P1R2 PH: 604-987-9070 WEBSITE: www.creus.ca

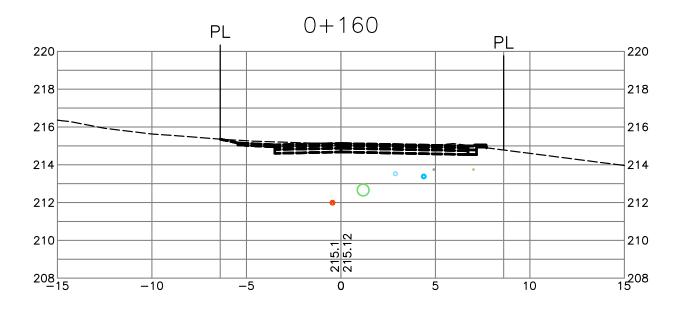


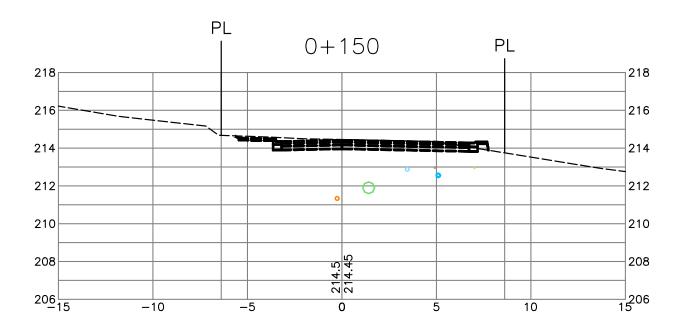


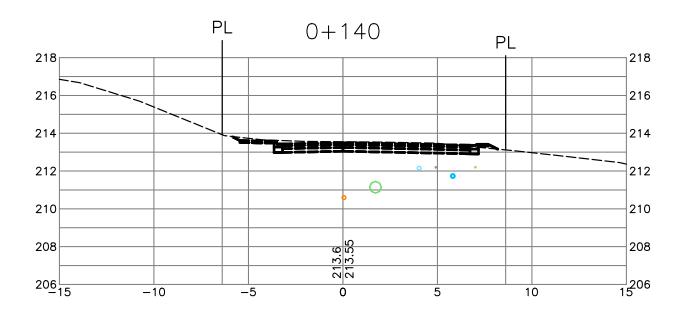


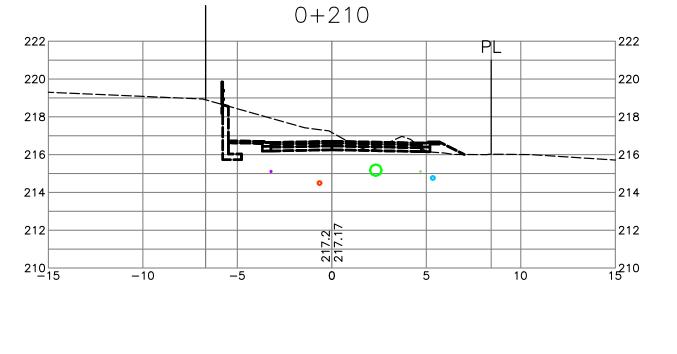




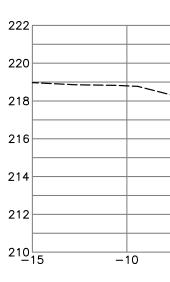


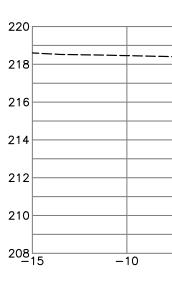


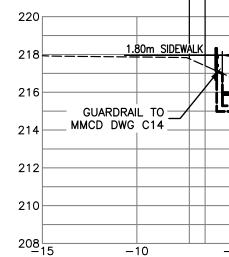




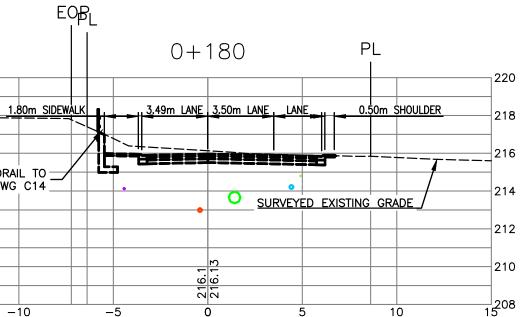
EROLP

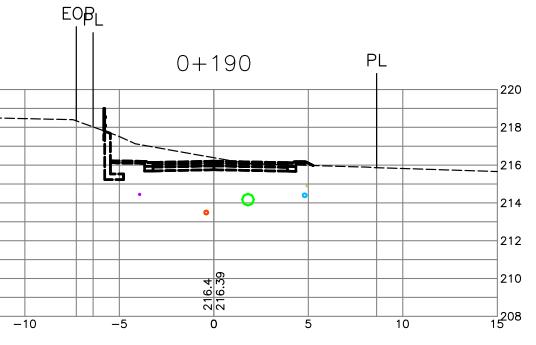


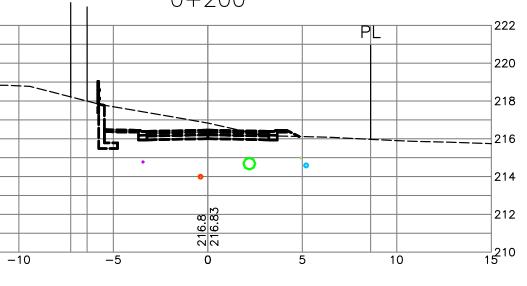


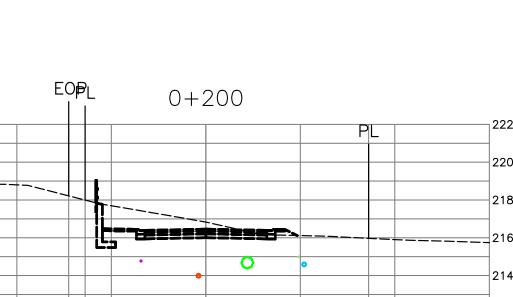




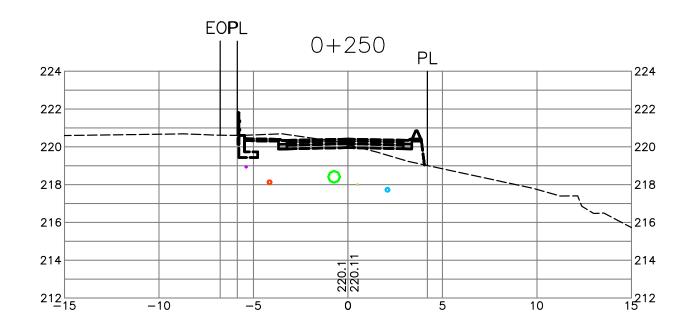


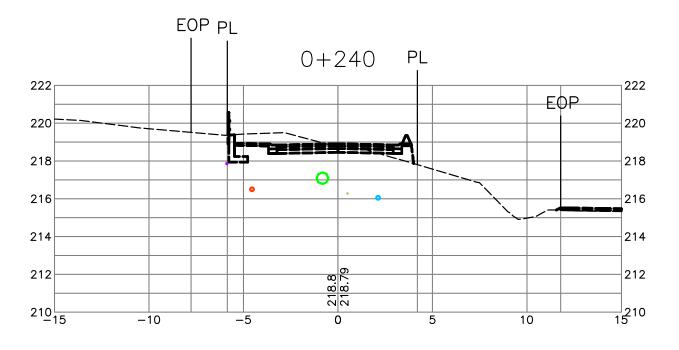


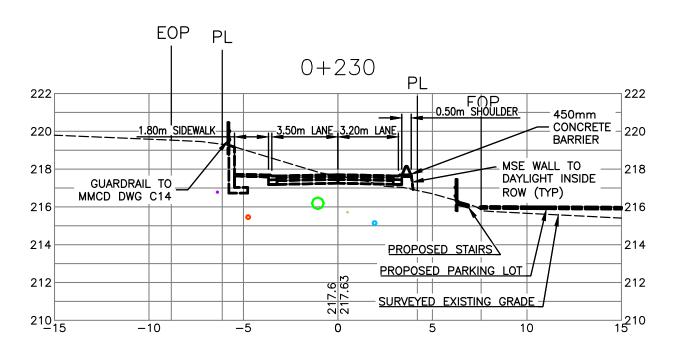


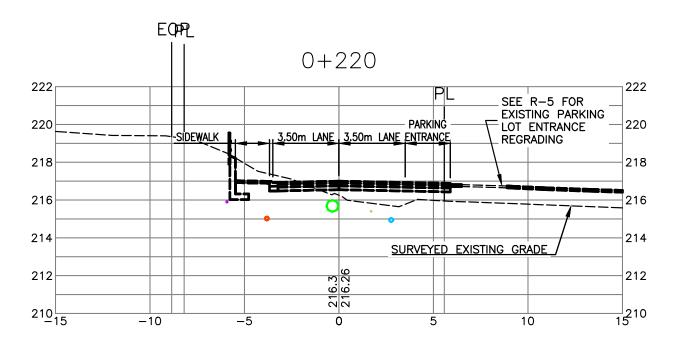


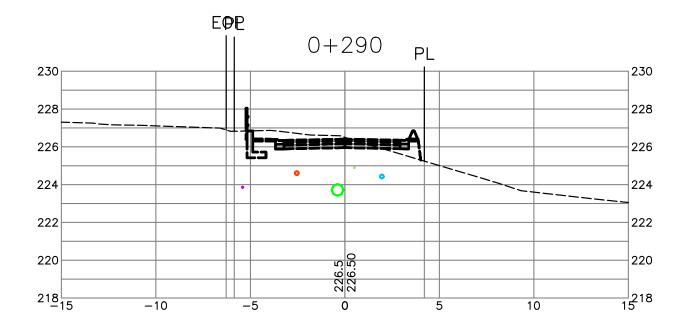
1								
		Ţ	ζ	E)
	r	ng	in	Δ	Δr	°i r	<i>ר</i> ר	
CIV SUITE PH: 60	200-9	ngine 901 16тн 9 -9070	ST WEST	% Pr(; north	I VANCOU	IVER B	age C, V7P ww.creus	1R2
			<u>SIT</u>	<u>e maf</u>	-			
		DR	RAWIN	IG LE	GEND		TO B	E
LEGAL L EASMEN		-	EXISTIN	G	PROP.		REMO	
WATERI SANITAI STORM HYDRO	MAIN RY							
TEL STREET GAS	LIGH	г – –						
	ALVE LVE ER TION (BASIN LE POLE	CHAMBER (STD/SI)		мн				₩ED
approve	ed							
client			EVE	ERVA	N			
project								
		NTWC WEST			-	_	-	
	\	VEST CRC VENT	VAN OSS S	SEC	JVER,			
V	\ 	VEST CRC VENT	VAN OSS WOF . 0+2	SEC RTH				AGC
title	V V	VEST CRC VENT (STA	VAN OSS WOF . 0+1	SEC RTH 100 -	TION AVEI 0+21	BC NUE I0)		AGC
V title 12 17-0	V V 14-11	VEST CRC VENT (STA	VAN OSS WOF A. 0+1 RE-I	SEC RTH 100 -	JVER, TION AVEN 0+21	BC NUE IO)		
V title 12 17-0 11 17-0 10 17-0	V V 14-11	VEST CRC VENT (STA	VAN OSS WOF . 0+ RE-I EVISED F	SEC RTH 100 - ssued PER DW	FOR DP	BC NUE IO)		AGC AGC
V title 12 17-0 11 17-0 10 17-0 9 17-0	V 04-11 03-29 03-15		VAN OSS WOF . 0+ RE-I EVISED F EVISED F	SEC RTH 100 - SSUED PER DW PER DW	FOR DP	BC NUE IO)		AGC
V title 12 17-0 11 17-0 10 17-0 9 17-0 8 17-0	V 04-11 03-29 03-15 02-09		VAN SS WOF . 0+1 RE-I EVISED F EVISED F EVISED F	SEC RTH 100 - SSUED PER DW PER DW		BC NUE IO)		AGC AGC AGC
V title 12 17-0 11 17-0 10 17-0 9 17-0 8 17-0 7 17-0	V 14-11 13-29 13-15 12-09 11-26		VAN OSS WOF WOF C. 0+ RE-I EVISED F EVISED F EVISED F EVISED F	SEC RTH 100 - SSUED PER DW PER DW PER DW PER DW		BC NUE IO)		AGC AGC AGC AGC
V title 12 17-0 11 17-0 10 17-0 9 17-0 8 17-0 6 17-0 6 17-0	V 94-11 93-29 93-15 92-09 91-26 91-28		VAN OSS WOF . 0+ RE-1 EVISED F EVISED F EVISED F EVISED F EVISED F EVISED F	SEC RTH 100 - SSUED PER DW PER DW PER DW PER DW PER DW PER DW		BC NUE IO)		AGC AGC AGC
title 11 17-0 10 10 10 10 10 10 10 10 10 10 10 <t< td=""><td>V 14-11 13-29 13-15 12-09 11-26 11-18 11-12 2-14 n/d) GHT RI TIMES</td><td></td><td>VAN OSS WOF VOF VOF VISED F EVISED F EVISED F EVISED F EVISED F EVISED F EVISED F EVISED F EVISED F</td><td>SEC RTH 100 - SSUED PER DW PER DW</td><td>FOR DP</td><td>BC NUE IO)</td><td></td><td>AGC AGC AGC AGC AGC AGC</td></t<>	V 14-11 13-29 13-15 12-09 11-26 11-18 11-12 2-14 n/d) GHT RI TIMES		VAN OSS WOF VOF VOF VISED F EVISED F EVISED F EVISED F EVISED F EVISED F EVISED F EVISED F EVISED F	SEC RTH 100 - SSUED PER DW PER DW	FOR DP	BC NUE IO)		AGC AGC AGC AGC AGC AGC
title 11 17-0 10 10 10 10 10 10 10 10 10 10 10 <t< td=""><td>V 14-11 13-29 13-15 12-09 11-26 11-12 2-14 11-12 2-14 n/d) GHT RE TIMES ERRING DIST</td><td></td><td>VAN OSS WOF WOF WOF VISED F EVISED F E</td><td>SEC RTH 100 - SSUED PER DW PER DW</td><td>FOR DP FOR DP V COMMI V COMMI V COMMI V COMMI V COMMI V COMMI DESIGN ARI DESIGN ARI DESIGN ARI DESIGN ARI DESIGN ARI TD.</td><td>BC NUE IO)</td><td></td><td>AGC AGC AGC AGC AGC AGC Chk'c</td></t<>	V 14-11 13-29 13-15 12-09 11-26 11-12 2-14 11-12 2-14 n/d) GHT RE TIMES ERRING DIST		VAN OSS WOF WOF WOF VISED F EVISED F E	SEC RTH 100 - SSUED PER DW PER DW	FOR DP FOR DP V COMMI V COMMI V COMMI V COMMI V COMMI V COMMI DESIGN ARI DESIGN ARI DESIGN ARI DESIGN ARI DESIGN ARI TD.	BC NUE IO)		AGC AGC AGC AGC AGC AGC Chk'c
title 11 17-0 10 17-0 10 17-0 9 17-0 9 17-0 6 17-0 5 16-1 no. (y/r AT ALL ENGINER	V 14-11 13-29 13-15 12-09 11-12 11-12 2-14	RE RE RE RE RE RE RE RE RE RE RE RE RE R	VAN OSS WOF WOF WOF WOF EVISED F EVISED F	SEC RTH 100 - SSUED PER DW PER DW	FOR DP FOR DP V COMMI V COMMI V COMMI V COMMI V COMMI V COMMI DESIGN ARI DESIGN ARI	BC SS SS SS SS SS SS SS SS SS S	currer rev. # 1 vert:1	AGC AGC AGC AGC AGC AGC Chk'c t t
title title 12 17-0 11 17-0 9 17-0 9 17-0 6 17-0 5 16-1 no. (y/r COPYRIG AT ALL ENGINEER	V V 14-11 13-29 13-15 12-09 11-12 11-12 2-14 11-12 2-14 n/d) RHT RES ERING DIST ERING DIST		VAN OSS WOF WOF WOF VISED F EVISED F E	SEC RTH 100 - SSUED PER DW PER DW	FOR DP FOR DP V COMMI V COMMI V COMMI V COMMI V COMMI V COMMI DESIGN ARI DESIGN ARI	BC JS NUE IO)	currer rev. # 1 vert:1	AGC AGC AGC AGC AGC AGC Chk'c t t

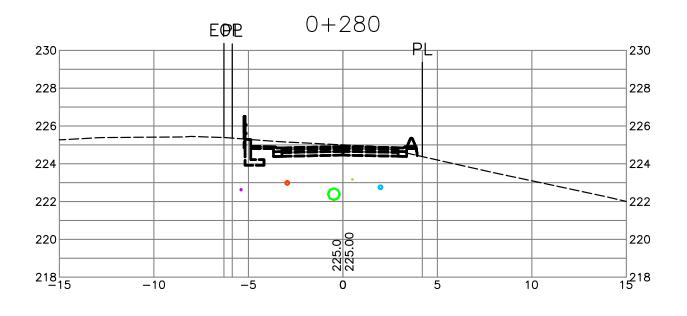


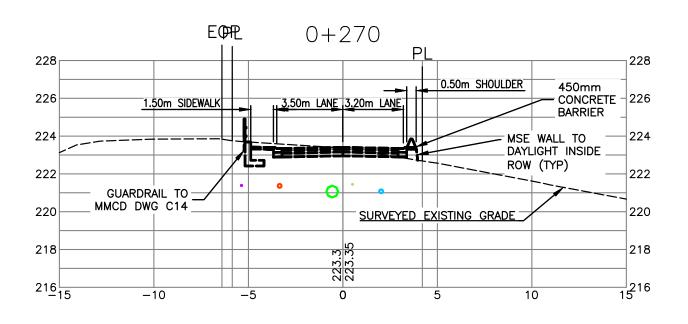


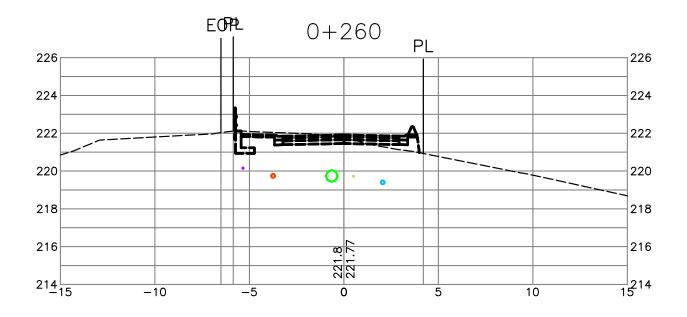












236	L
234	
232	
230	
228	
226	
22 <u>4</u>	15 —

ΡL

0+330

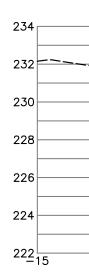
• | • •

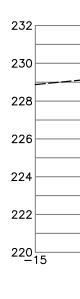
-234

PL 232

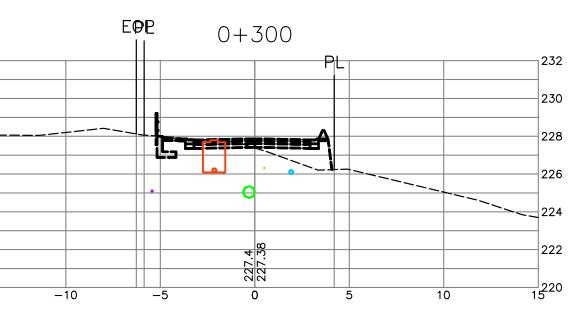
230

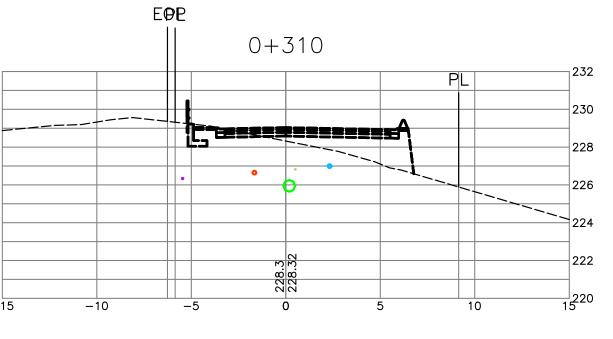
228

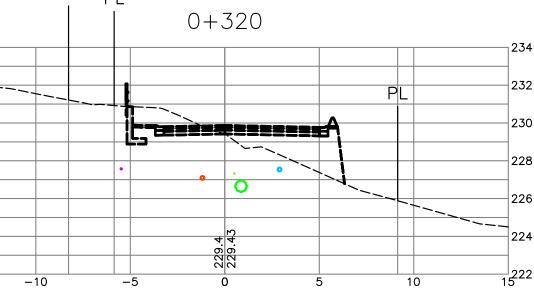


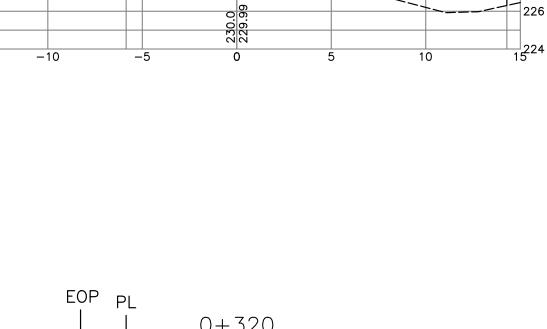


232	
230	
228	
220	
226	
224	
222	
-	
220L	5

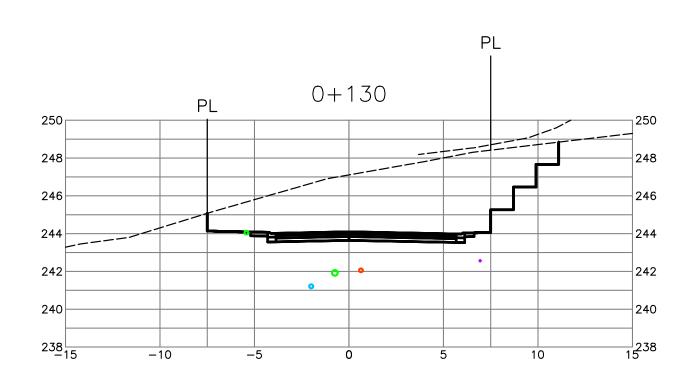


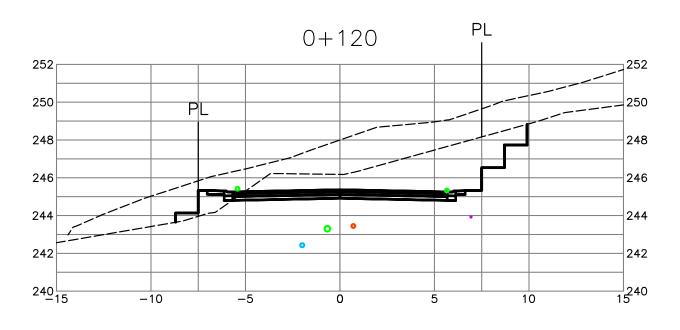


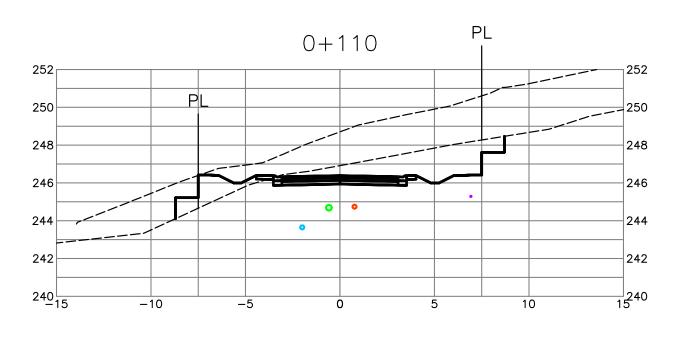


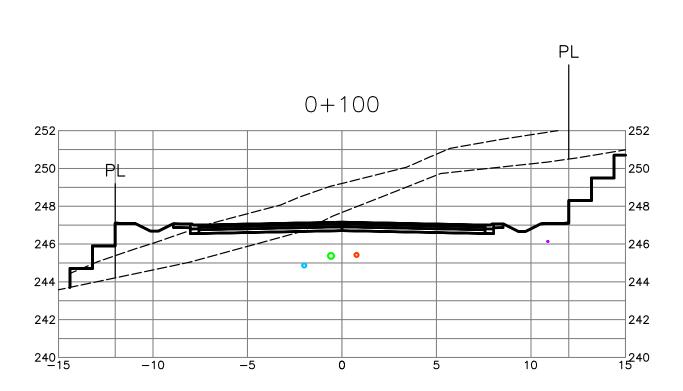


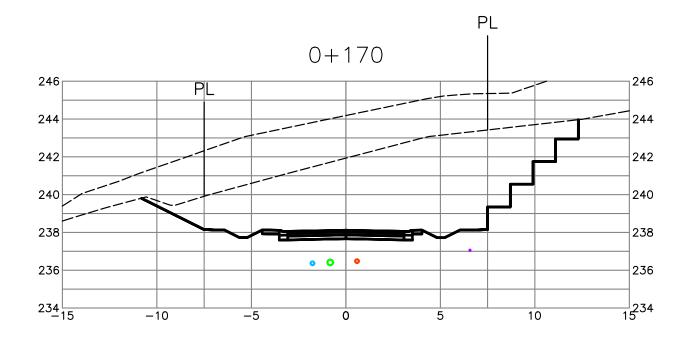
\boldsymbol{C}	CRI	EC	15
	ngin	eeri	na
Civil	Engineers & 00-901 16TH ST WEST, N	Project Ma	anagers
LEGAL LIN EASMENT WATERMA SANITARY STORM HYDRO TEL STREE TLIG GAS FIRE HYDE GATE VAL' AIR VALVER REDUCETIC CATCHBAS CAP MANHOLE POWER PO STREETLIG	DRAWING		
approved	EVEF	RVAN	
		VAN	
	ENTWORTH (WEST VANC		
title	CROSS S WENTWOR (STA. 0+22	TH AVENU	JE
12 17-04-	11 RE-ISS	SUED FOR DP	AGC
11 17-03-2	29 REVISED PE	R DWV COMMEN	rs agc
10 17-03-	15 REVISED PE	R DWV COMMENT	rs AGC
9 17-02-	09 REVISED PE	R DWV COMMENT	rs AGC
8 17-01-2	26 REVISED PE	R DWV COMMEN	rs AGC
7 17-01-	18 REV	ISED LOTS	AGC
6 17-01-	12 CHAIRLIF	T ROAD & STAIRS	AGC
5 16-12-	14 CHAIRLIFT	ROAD & CORNER	AGC
AT ALL TIN ENGINEERI	I) T RESERVED. THIS DRAWING IES REMAIN THE EXCLUSIVI NG LTD. AND CANNOT BE L DISTRIBUTED WITHOUT WRIT © 2016 CREUS ENGINEE	E PROPERTY OF CRE JSED, REPRODUCED (TEN CONSENT.	US rev. #
engineer o		scales hor: 1:200	vert:1:200
designed l	by КВН	file no. 151	71
drawn by date	AAP	drawing no.	_2
	2016-09-26	XS	-2

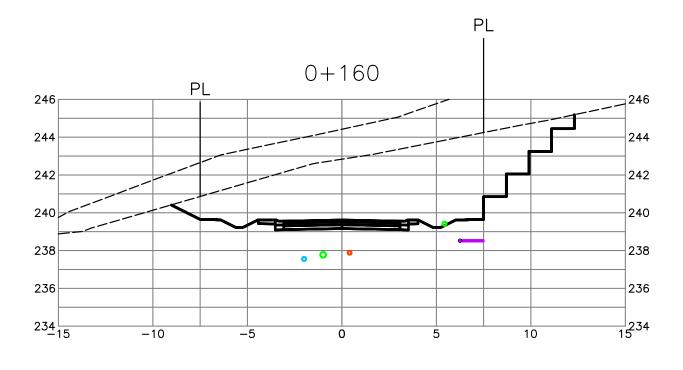


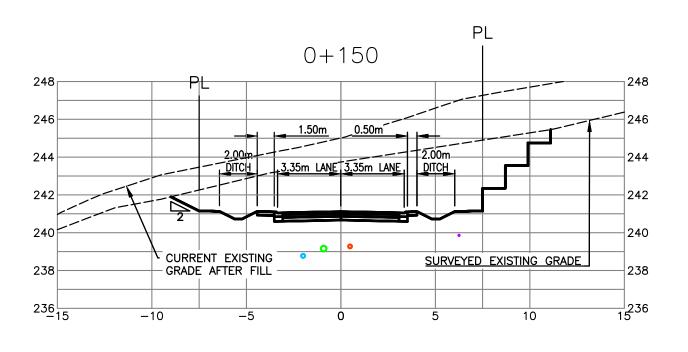


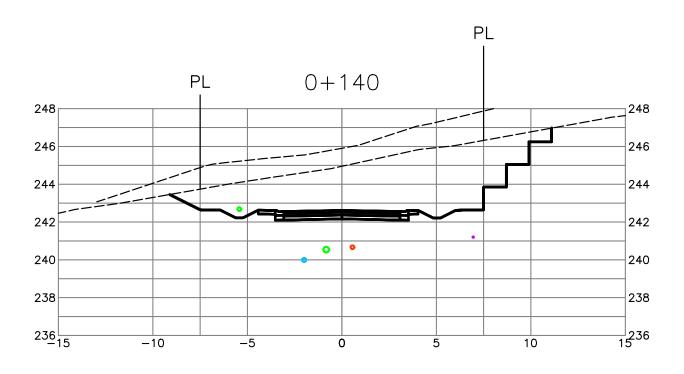


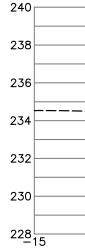


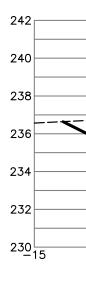


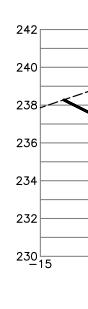






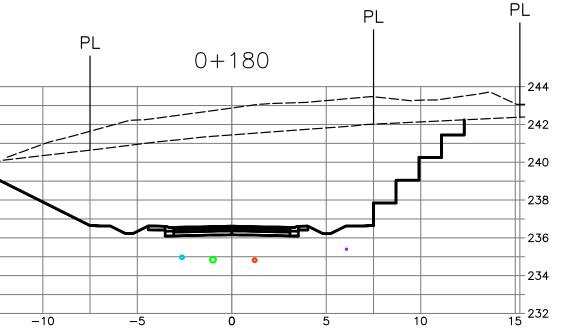


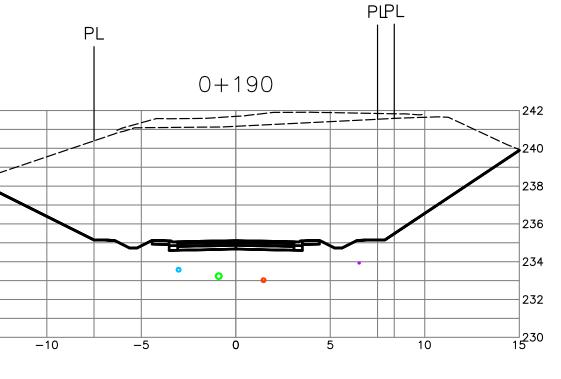


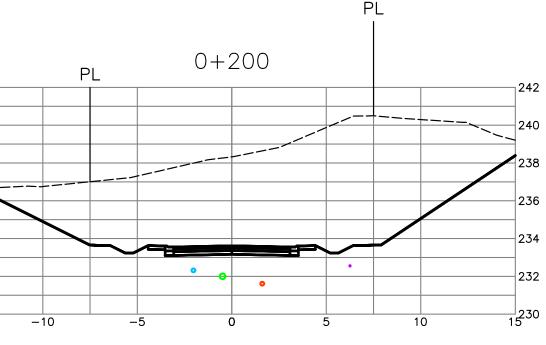


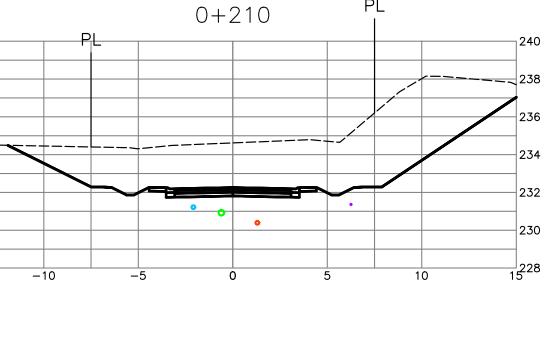


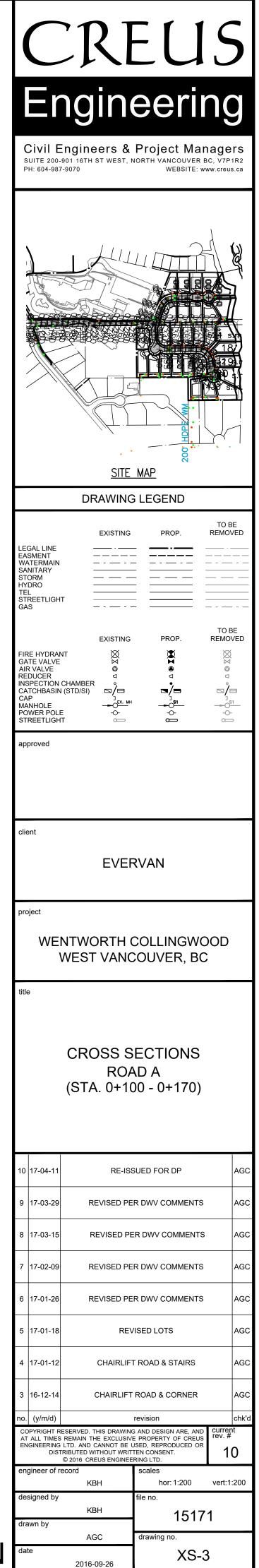


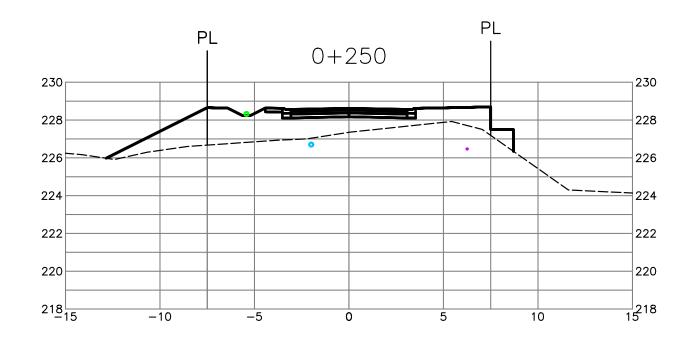


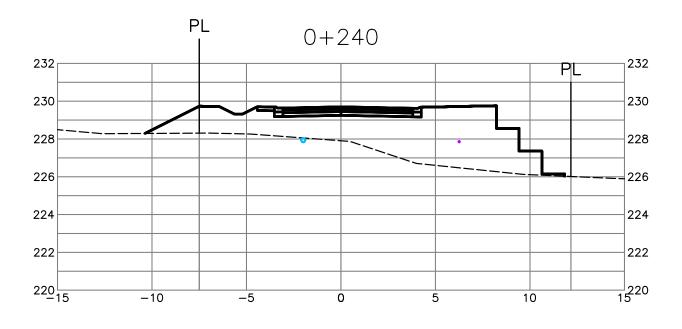


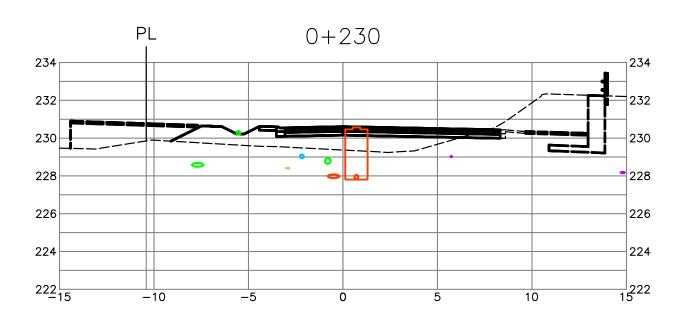


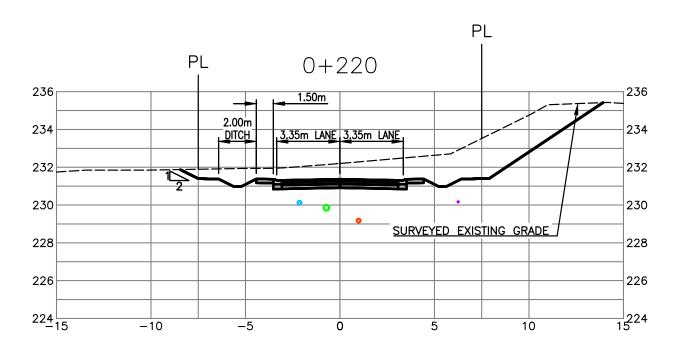


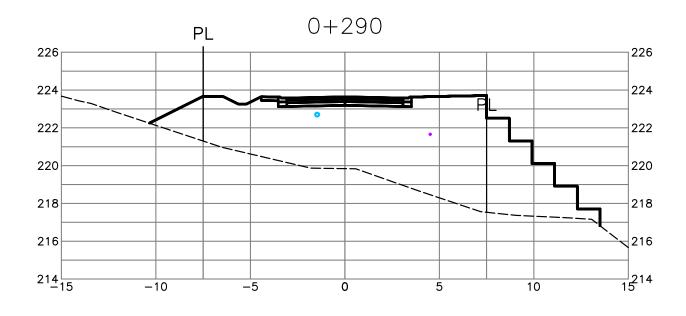


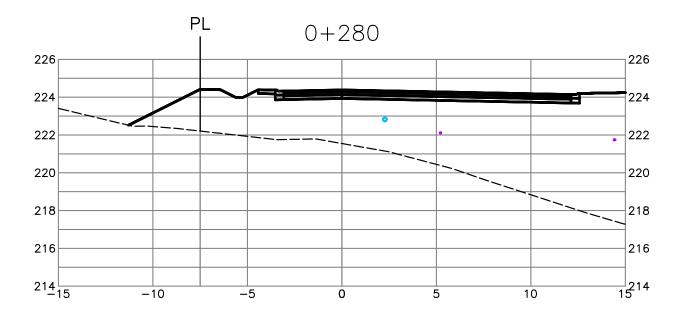


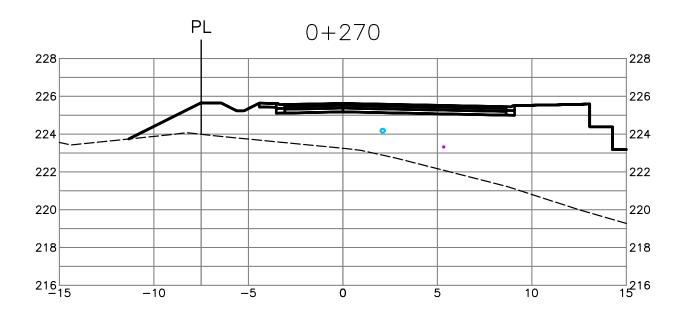


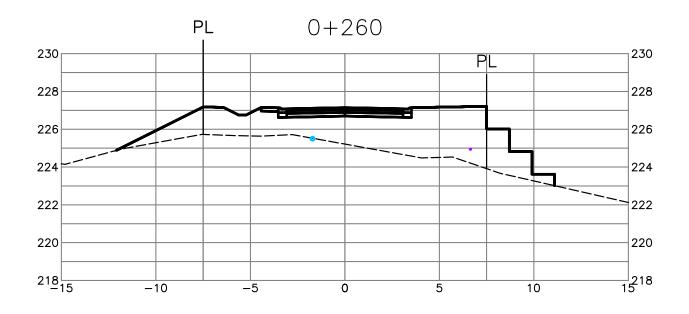












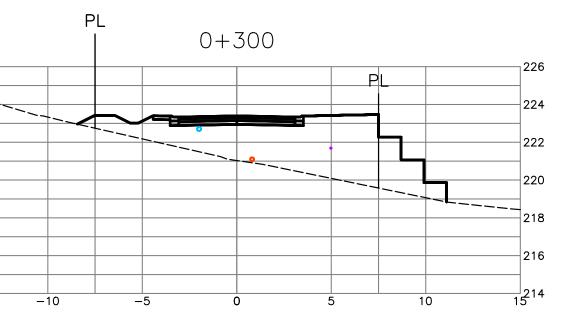
228	
226	<u>`</u>
224	
222	
220	
218	
21 <u>6</u>	15

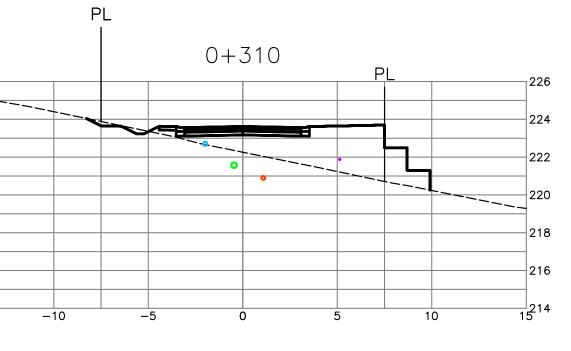
228	
226	
224	
222	
220	
218	
21 <u>6</u>	15

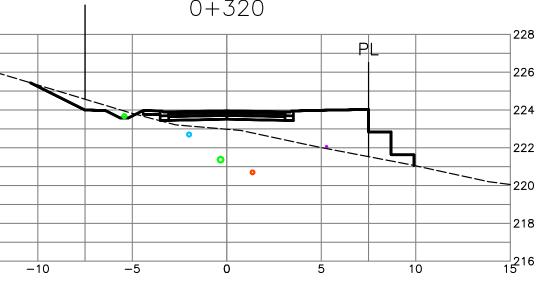
226
224
222
220
218
216
214
²¹⁴ –15

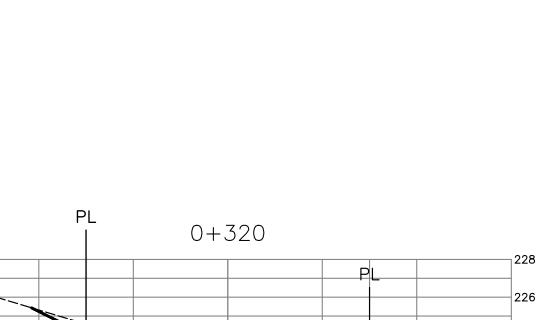
226	
224	<u> </u>
222	
220	
218	
216	
21 <u>4</u>	15

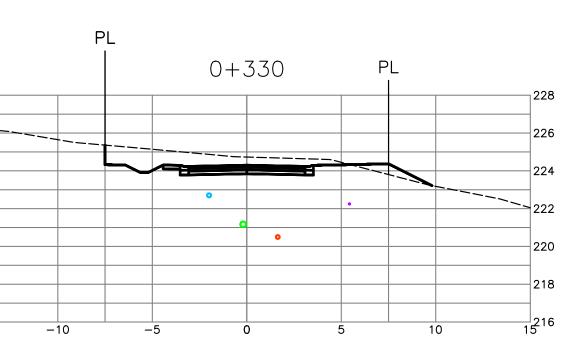




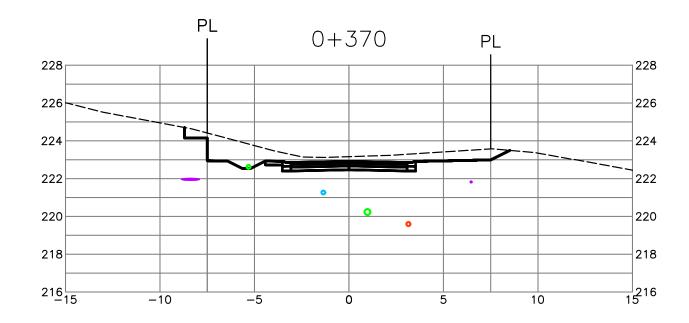


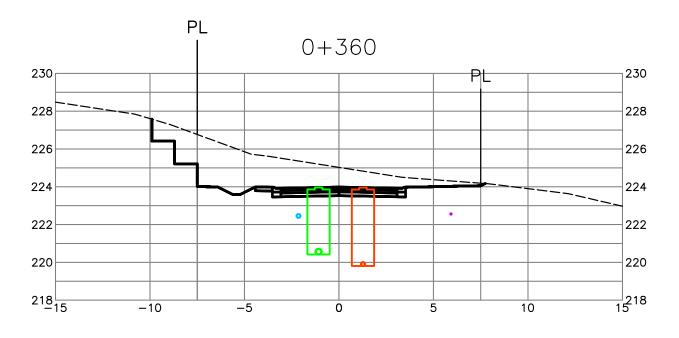


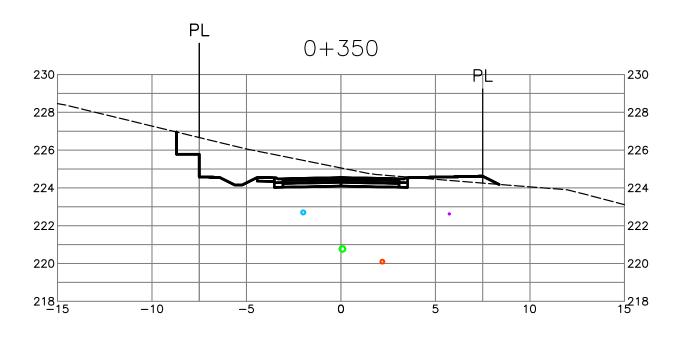


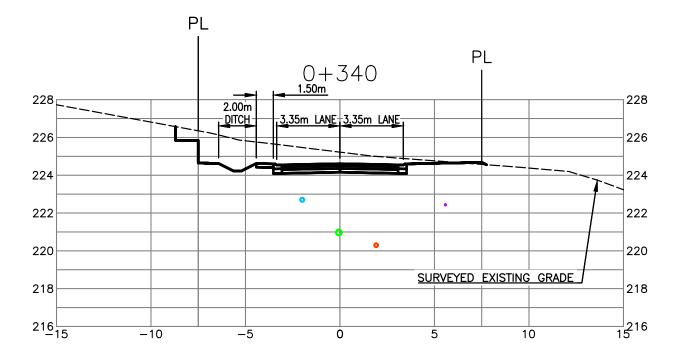


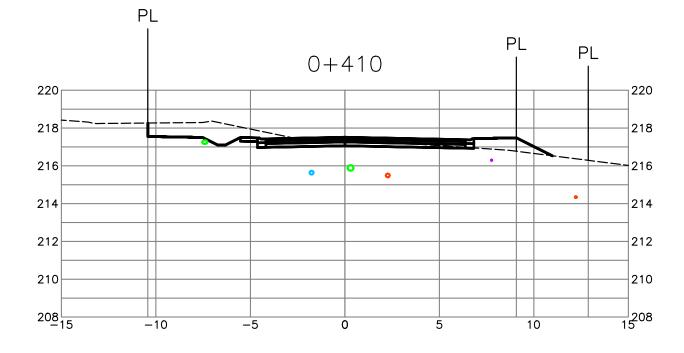
	C		2	E			5
	Er		in	e	er	in	C
(s	Civil E	Engine	eers 8	k Pro	Dject M	ana(er bc, v	gers
\vdash		DF	RAWIN		_		
EA WA SA ST HY TE	REETLIGH	- - -	EXISTIN(G	PROP.		O BE MOVED
GA Alf RE INS CA CA MA PO	TCHBASIN	CHAMBER I (STD/SI) E					
clie	ənt		EVE	RVA	N		
pro					_LINGV JVER, E		D
			RO	AD /	TION: A 0+320		
10	17-04-11		RO A. 0+2	AD / 210 -	A		AGC
	17-04-11 17-03-29	(STA	RO A. 0+2	AD / 210 -	A 0+320))	AGC
		(STA	RO A. 0+2 RE-IS	AD A 210 - SSUED PER DW	A 0+32()) TS	
9	17-03-29	(STA R	RO A. 0+2 RE-IS EVISED P	AD A 210 - SSUED PER DW	A 0+320 FOR DP)) TS ITS	AGC
9	17-03-29	(STA R R	RO A. 0+2 RE-IS EVISED P EVISED P	AD A 210 - SSUED PER DW PER DW	A 0+320 FOR DP V COMMEN)) TS ITS TS	AGC
9 8 7	17-03-29 17-03-15 17-02-09	(STA R R	RO A. 0+2 RE-IS EVISED P EVISED P EVISED P	AD A 210 - SSUED PER DW PER DW)) TS ITS TS	AGC AGC AGC
9 8 7 6	17-03-29 17-03-15 17-02-09 17-01-26	(STA R R	RO A. 0+2 RE-IS EVISED P EVISED P EVISED P EVISED P EVISED P	AD A 210 - SSUED PER DW PER DW PER DW PER DW)) TS ITS TS TS	AGC AGC AGC AGC
9 8 7 6 5	17-03-29 17-03-15 17-02-09 17-01-26 17-01-18	(STA	RO A. 0+2 RE-IS EVISED P EVISED P EVISED P EVISED P RE EVISED P	AD A 210 - 210 - 2	A 0+320 FOR DP V COMMEN V COMMEN V COMMEN V COMMEN)) TS ITS TS TS	AGC AGC AGC AGC AGC
9 8 7 6 5 4 3 no. CC AT EN	17-03-29 17-03-15 17-02-09 17-01-26 17-01-26 17-01-12 16-12-14 (y/m/d) PPYRIGHT R ALL TIMES GOINEERING	(STA	RE-IS RE-IS EVISED P EVISED P EVISED P EVISED P EVISED P RE CHAIRLIF CHAIRLIF	AD A 210 - 210 - 2	A 0+320 FOR DP V COMMEN V COMMEN V COMMEN V COMMEN V COMMEN U COMMEN D & STAIRS D & STAIRS D & STAIRS D & CORNE		AGC AGC AGC AGC AGC AGC
9 8 7 6 5 4 3 no. CCC AT EN der	17-03-29 17-03-15 17-02-09 17-01-26 17-01-26 17-01-18 17-01-12 16-12-14 (y/m/d) DPYRIGHT R ALL TIMES IGINEERING DIST gineer of r signed by	(STA R R R R R R R R R R R R R R R R R R R	RE-IS RE-IS EVISED P EVISED P EVISED P EVISED P EVISED P EVISED P RE CHAIRLIF CHAIRLIF	AD A 210 - 210 - 2	A 0+320 FOR DP V COMMEN V COMMEN V COMMEN V COMMEN V COMMEN U COMMEN DESIGN ARE, / DESIGN ARE, / DES	D)	AGC AGC AGC AGC AGC AGC AGC Chk'd
9 8 7 6 5 4 3 no. CCC AT EN der	17-03-29 17-03-15 17-02-09 17-01-26 17-01-26 17-01-12 16-12-14 (y/m/d) DPYRIGHT R ALL TIMES IGINEERING DIST gineer of r signed by awn by	(STA R R R R R R R R R R R R R R R R R R R	RE-IS RE-IS EVISED P EVISED P B EVISED P EVISED P	AD A 210 - 210 - 2	A 0+320 FOR DP V COMMEN V COMMEN V COMMEN V COMMEN V COMMEN U COMMEN U COMMEN DESIGN ARE, / DESIGN ARE, / DESIGN ARE, / DESIGN ARE, / DESIGN A)) TS TS TS TS R AND EUS R R Ve 171	AGC AGC AGC AGC AGC AGC AGC Chk'd rrrent V. #

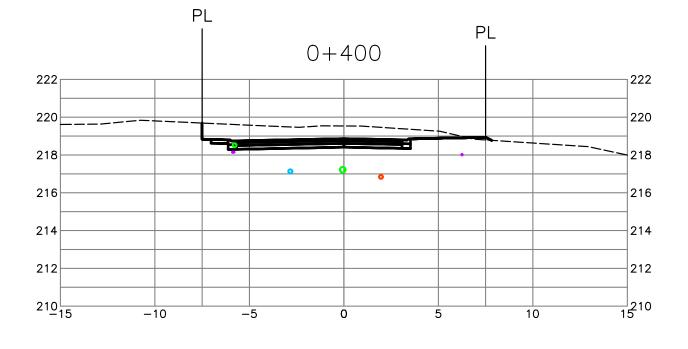


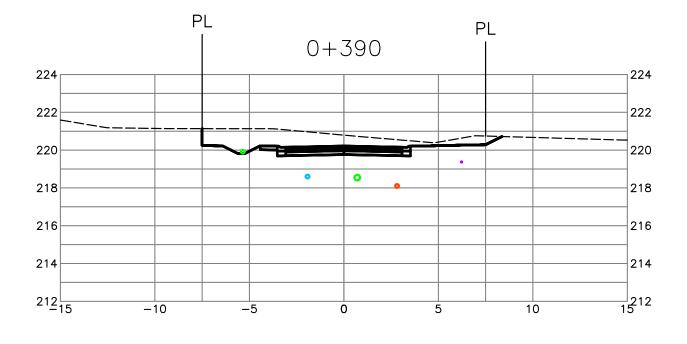


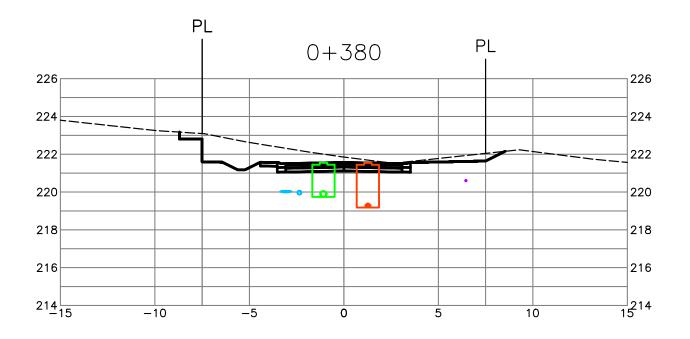


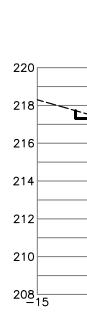


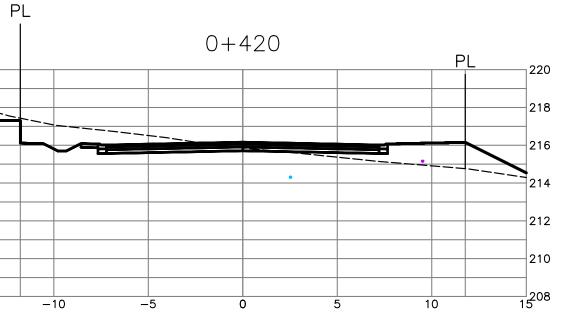










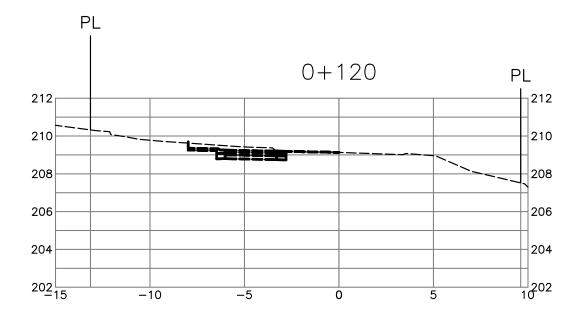


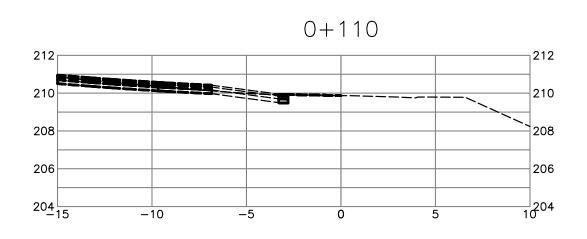
		DF	RAWING	LEGEND		
EAS WA SAI STO HYI TE	REETLIGH	т	EXISTING	PROP.	TO E REMO ¹	
GA AIF RE INS CA CA MA PO	RE HYDRAN TE VALVE R VALVE DUCER SPECTION TCHBASIN P NHOLE WER POLE REETLIGH	CHAMBEF (STD/SI)	EXISTING			
apı	proved					
clie	ent					
-110			EVER	VAN		
pro	oject					
WEST VANCOUVER, BC						
title	9				_	
title	9					
title	e	CRO	DSS SE ROAI	ECTIONS		
title	9	CRO	DSS SE ROAI	ECTIONS D A		
	ə 18-04-11	CRO	DSS SE ROAI 4. 0+330	ECTIONS D A		AG
10		CRC (STA	DSS SE ROAI A. 0+330	ECTIONS D A D - 0+420)		
10 9	18-04-11	CRC (STA	DSS SE ROAI A. 0+330 RE-ISSU	ECTIONS D A D - 0+420)	5	AG
10 9	18-04-11 17-03-29	CRC (STA	DSS SE ROAI A. 0+330 RE-ISSU REVISED PER REVISED PER	ECTIONS D A D - 0+420) ED FOR DP DWV COMMENTS	5 S	AG AG
10 9 8	18-04-11 17-03-29 17-03-15	CRO (STA	DSS SE ROAI A. 0+330 RE-ISSU REVISED PER REVISED PER	ECTIONS D A D - 0+420) PED FOR DP DWV COMMENTS DWV COMMENTS	5 5 5	AG
10 9 8 7	18-04-11 17-03-29 17-03-15 17-02-09	CRO (STA	DSS SE ROAI A. 0+330 RE-ISSU REVISED PER REVISED PER REVISED PER	ECTIONS D A D - 0+420) ED FOR DP DWV COMMENTS DWV COMMENTS	5 5 5	AG AG AG
10 9 8 7 6	18-04-11 17-03-29 17-03-15 17-02-09 17-01-26	CRO (STA	DSS SE ROAI A. 0+330 RE-ISSU REVISED PER REVISED PER REVISED PER REVISED PER REVISED PER	ECTIONS D A D - 0+420) PED FOR DP DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS	5 5 5	
10 9 8 7 6 5	18-04-11 17-03-29 17-03-15 17-02-09 17-01-26 17-01-18	CRO (STA	DSS SE ROAI A. 0+330 RE-ISSU REVISED PER REVISED PER REVISED PER REVISED PER REVISED PER REVISED PER REVISED PER	ECTIONS D A D - 0+420) ED FOR DP DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS ED LOTS	5 5 5	
10 9 8 7 6 5 4 3 no.	18-04-11 17-03-29 17-03-15 17-02-09 17-01-26 17-01-12 16-12-14 (y/m/d)	CRO (STA	DSS SE ROAI A. 0+330 RE-ISSU REVISED PER REVISED PER	ECTIONS DA D - 0+420) ED FOR DP DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS ED LOTS ROAD & STAIRS OAD & CORNER vision	5 5 5	
10 9 8 7 6 5 4 3 00. CC AT	18-04-11 17-03-29 17-03-15 17-02-09 17-01-26 17-01-12 16-12-14 (y/m/d) DPYRIGHT R ALL TIMES GINEERINES DIST	CRO (STA (STA REMAIN T REMAIN T REMAIN T RIBUTED W © 2016 CR	CHAIRLIFT R CHAIRLIFT R CHAIRLIFT R CHAIRLIFT R CHAIRLIFT R	ECTIONS D A D - 0+420) ED FOR DP DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS ED LOTS ROAD & STAIRS OAD & CORNER VISION ND DESIGN ARE, AND PROPERTY OF CRUS ED, REPRODUCED OF N CONSENT.	S S S S S S	
10 9 8 7 6 5 4 3 00. CC AT	18-04-11 17-03-29 17-03-15 17-02-09 17-01-26 17-01-12 16-12-14 (y/m/d) PPYRIGHT R ALL TIMES GINEERING	CRO (STA (STA R R R R R R R R R R R R R R R R R R R	CHAIRLIFT R CHAIRLIFT R CHAIRLIFT R CHAIRLIFT R CHAIRLIFT R CHAIRLIFT R	ECTIONS D A D - 0+420) ED FOR DP DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS ED LOTS ROAD & STAIRS OAD & CORNER VISION ND DESIGN ARE, AND PROPERTY OF CRUS ED, REPRODUCED OF N CONSENT.	S S S S S S	
10 9 8 7 6 5 4 3 no. CC AT EN	18-04-11 17-03-29 17-03-15 17-02-09 17-01-26 17-01-12 16-12-14 (y/m/d) DPYRIGHT R ALL TIMES GINEERINES DIST	CRO (STA (STA R R R R R R R R R R R R R R R R R R R	CHAIRLIFT R CHAIRLIFT R CHAIRL	ECTIONS DA D - 0+420) ED FOR DP DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS ED LOTS COMMENT	S S S S Vert:1	
10 9 8 7 6 5 4 3 no. CC AT EN eng	18-04-11 17-03-29 17-03-15 17-02-09 17-01-26 17-01-18 17-01-12 16-12-14 (y/m/d) PYRIGHT R ALL TIMES GINEERING DIST gineer of rest	CRO (STA (STA R R R R R R R R R R R R R R R R R R R	CHAIRLIFT R CHAIRLIFT R CHAIRL	ECTIONS D A D - 0+420) ED FOR DP DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS DWV COMMENTS ED LOTS ED LOTS ROAD & STAIRS OAD & CORNER VISION ND DESIGN ARE, AND PROPERTY OF CREUS ED, REPRODUCED OF N CONSENT. NG LTD. Scales hor: 1:200	S S S S Vert:1	

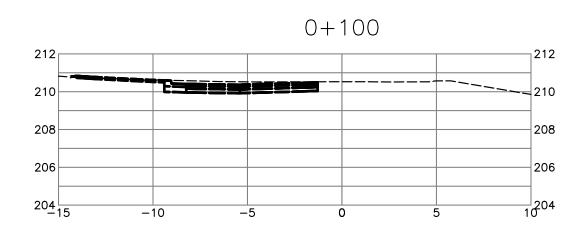
CRFI

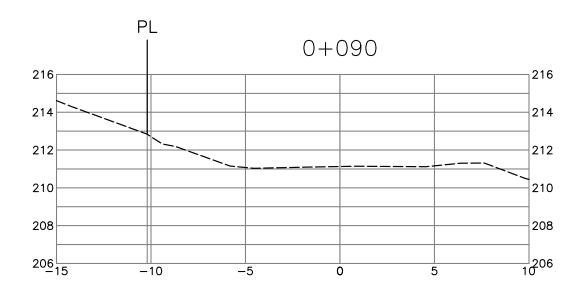
Engineering

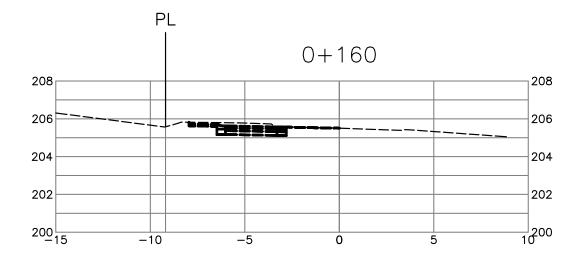
Civil Engineers & Project Managers SUITE 200-901 16TH ST WEST, NORTH VANCOUVER BC, V7P1R2 PH: 604-987-9070 WEBSITE: www.creus.ca

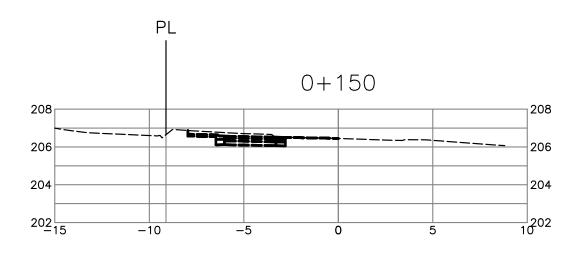


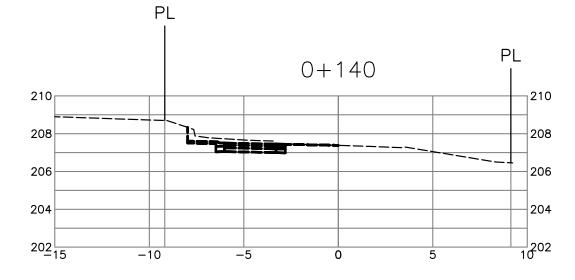


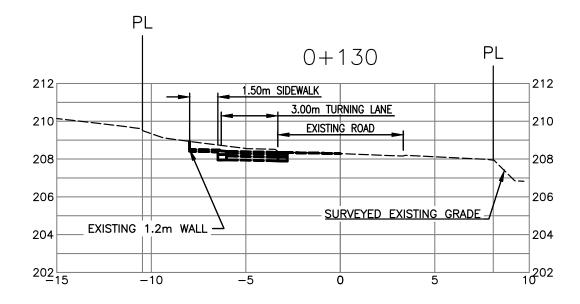


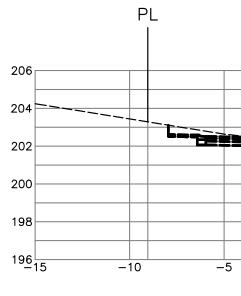


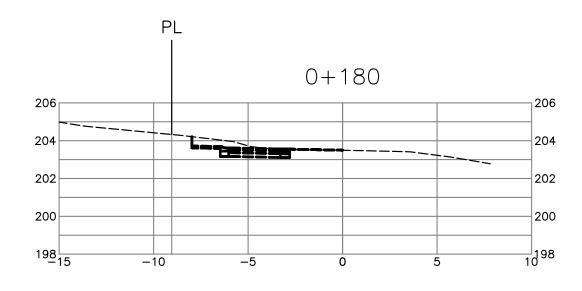


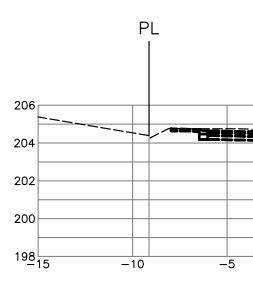












|--|

0+	170		
			206
			204
			202
			200
	0	5	198 10

0 1	100		
	1		206
			_
			204
			201
	~		
			-202
			-200
			-
			-198
			_
	0		196 10
	U	5	10

0+	190	
	~	

0+	190		
			206
			204
 -	~		202
			200
			198
(D	5 1] 196

	SITE					
	DRAWING	LEGEND				
LEGAL LINE EASMENT WATERMAII SANITARY STORM HYDRO TEL STREETLIG GAS		PROP.	TO BE REMOVED			
GATE VALV AIR VALVE REDUCER INSPECTIOI CATCHBASI CAP MANHOLE POWER PO	REDUCER INSPECTION CHAMBER CATCHBASIN (STD/SI) CAP					
client project						
title	WEST VANC					
	CROSS SECTIONS CHAIRLIFT ROAD (STA. 0+090 - 0+190)					
10 17-04-1	RE-ISS	SUED FOR DP	AGC			
9 17-03-29	REVISED PER DWV COMMENTS					
8 17-03-1	REVISED PER DWV COMMENTS					
7 17-02-09	REVISED PER DWV COMMENTS					
6 17-01-20	REVISED PER DWV COMMENTS					
5 17-01-1	REVISED LOTS					
4 17-01-12	CHAIRLIFT ROAD & STAIRS					
3 16-12-14	2-14 CHAIRLIFT ROAD & CORNER					
COPYRIGHT AT ALL TIME ENGINEERIN DIS	no. (y/m/d) revision chk'd COPYRIGHT RESERVED. THIS DRAWING AND DESIGN ARE, AND AT ALL TIMES REMAIN THE EXCLUSIVE PROPERTY OF CREUS ENGINEERING LTD. AND CANNOT BE USED, REPRODUCED OR DISTRIBUTED WITHOUT WRITTEN CONSENT. © 2016 CREUS ENGINEERING LTD.					
engineer of record scales KBH hor: 1:200 vert: 1:200 designed by file no.						
квн 15171 drawn by						
	AGC	drawing no.				

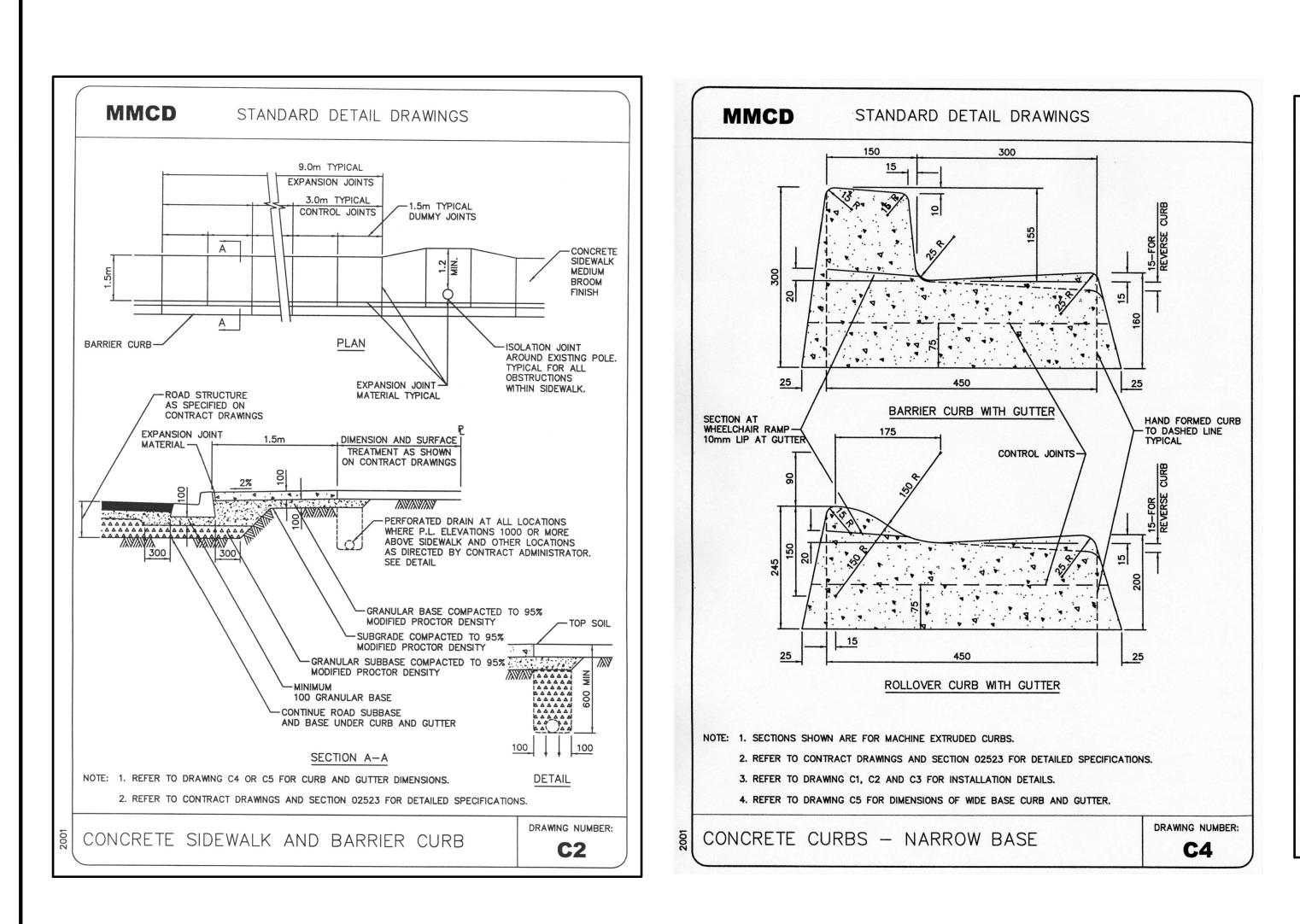
XS-6

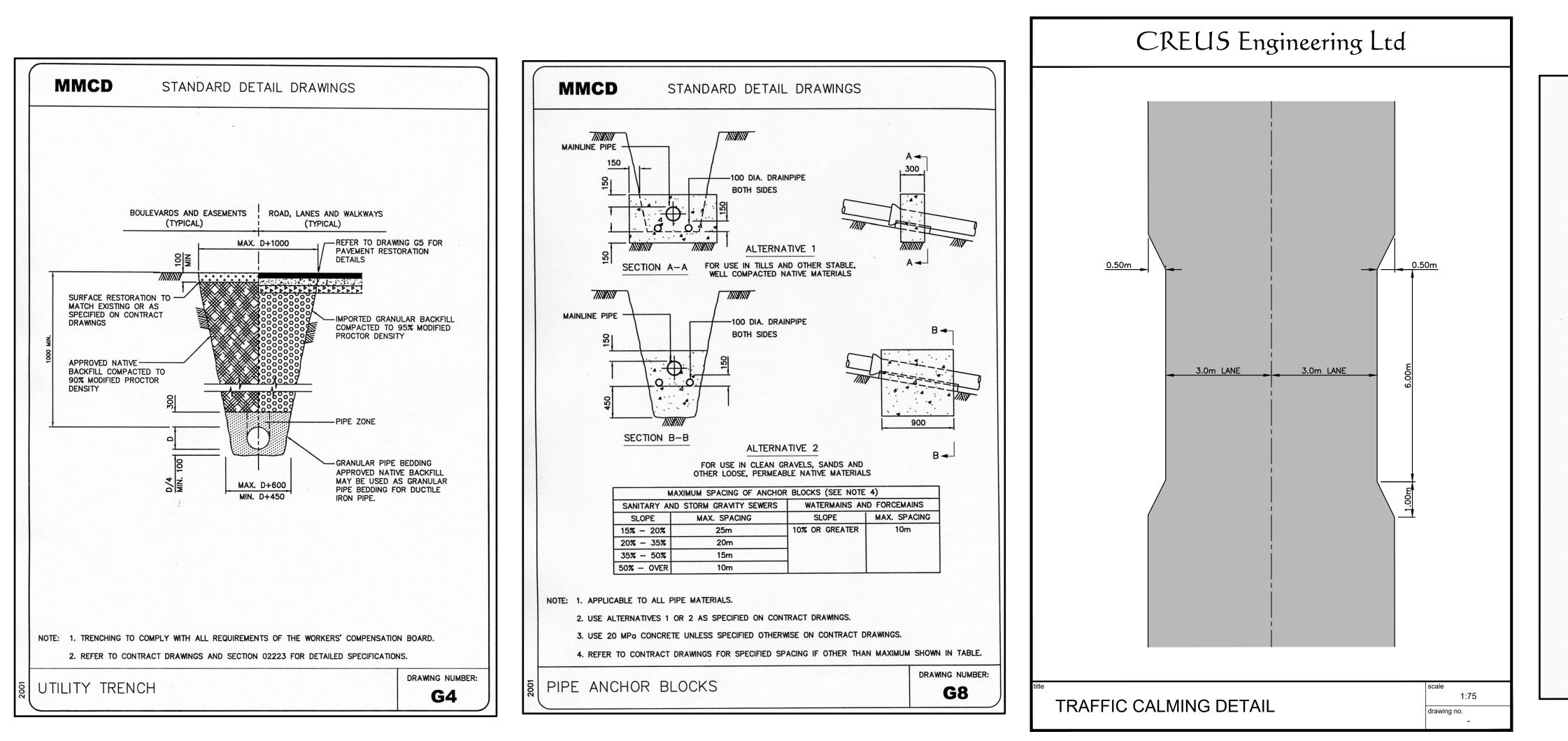
2016-09-26

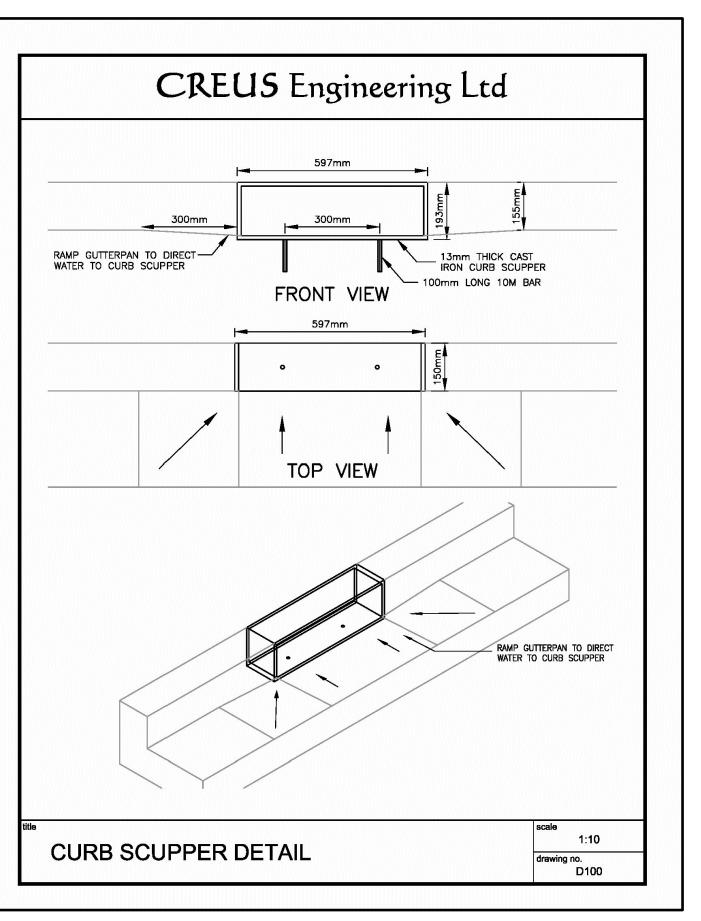
REI

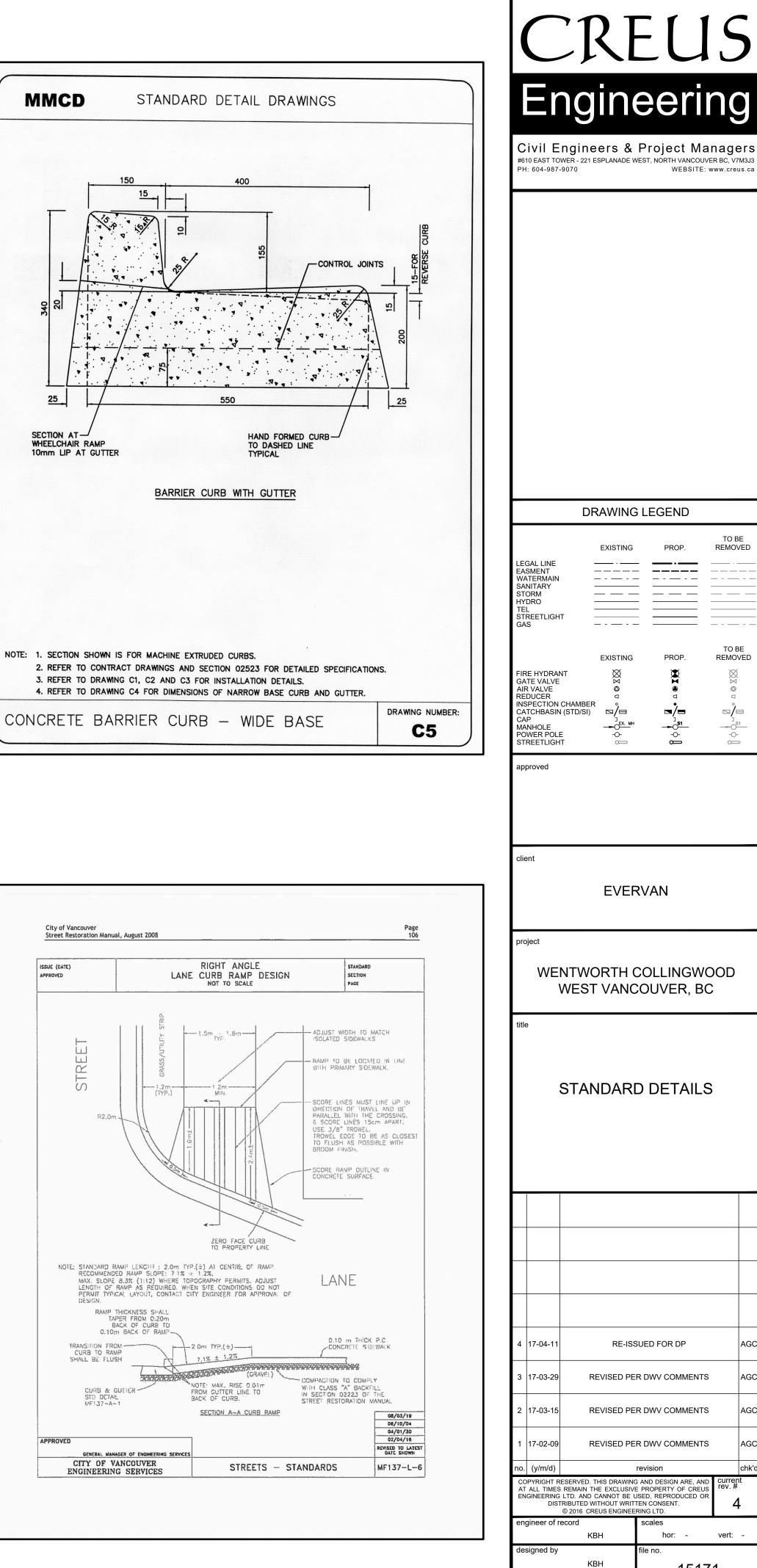
Engineering

Civil Engineers & Project Managers SUITE 200-901 16TH ST WEST, NORTH VANCOUVER BC, V7P1R2 PH: 604-987-9070 WEBSITE: www.creus.ca









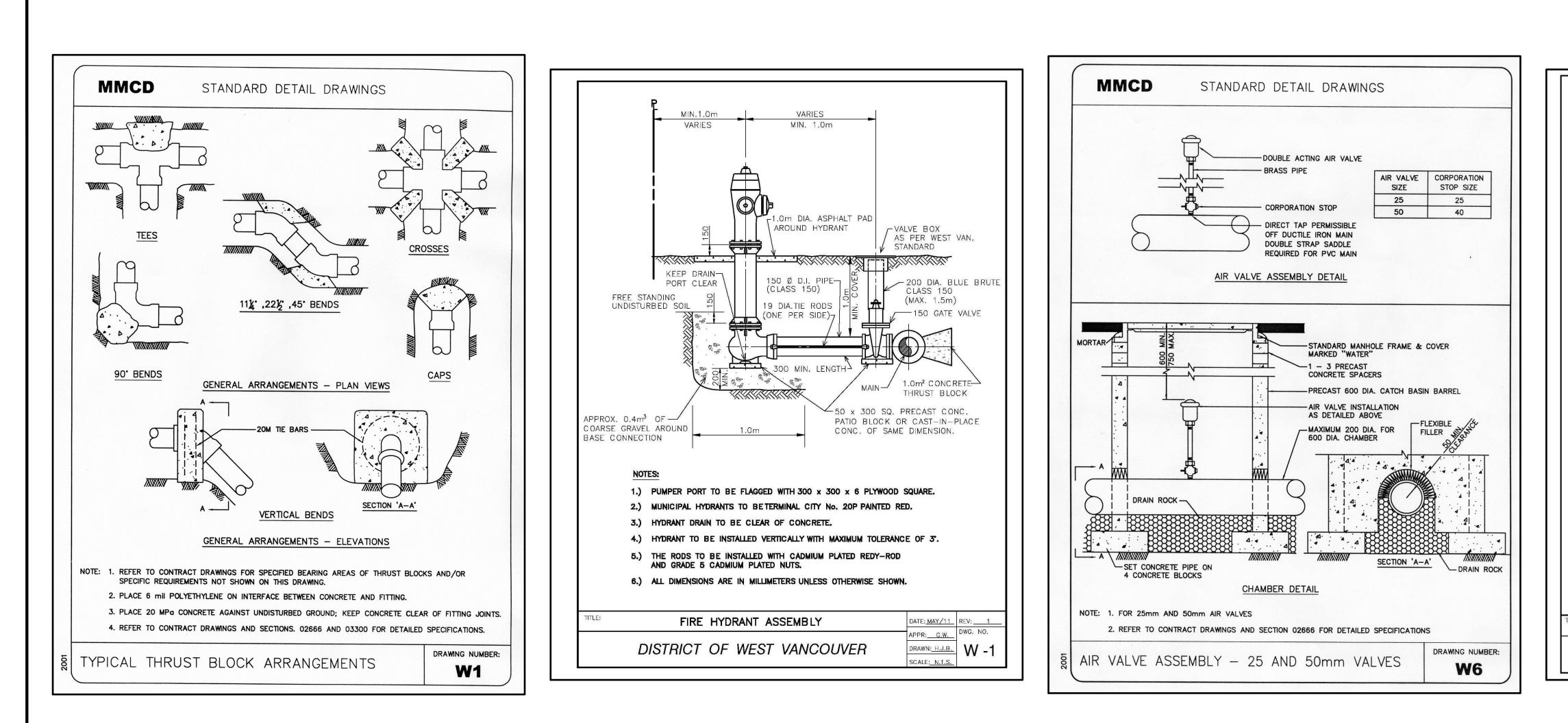
15171

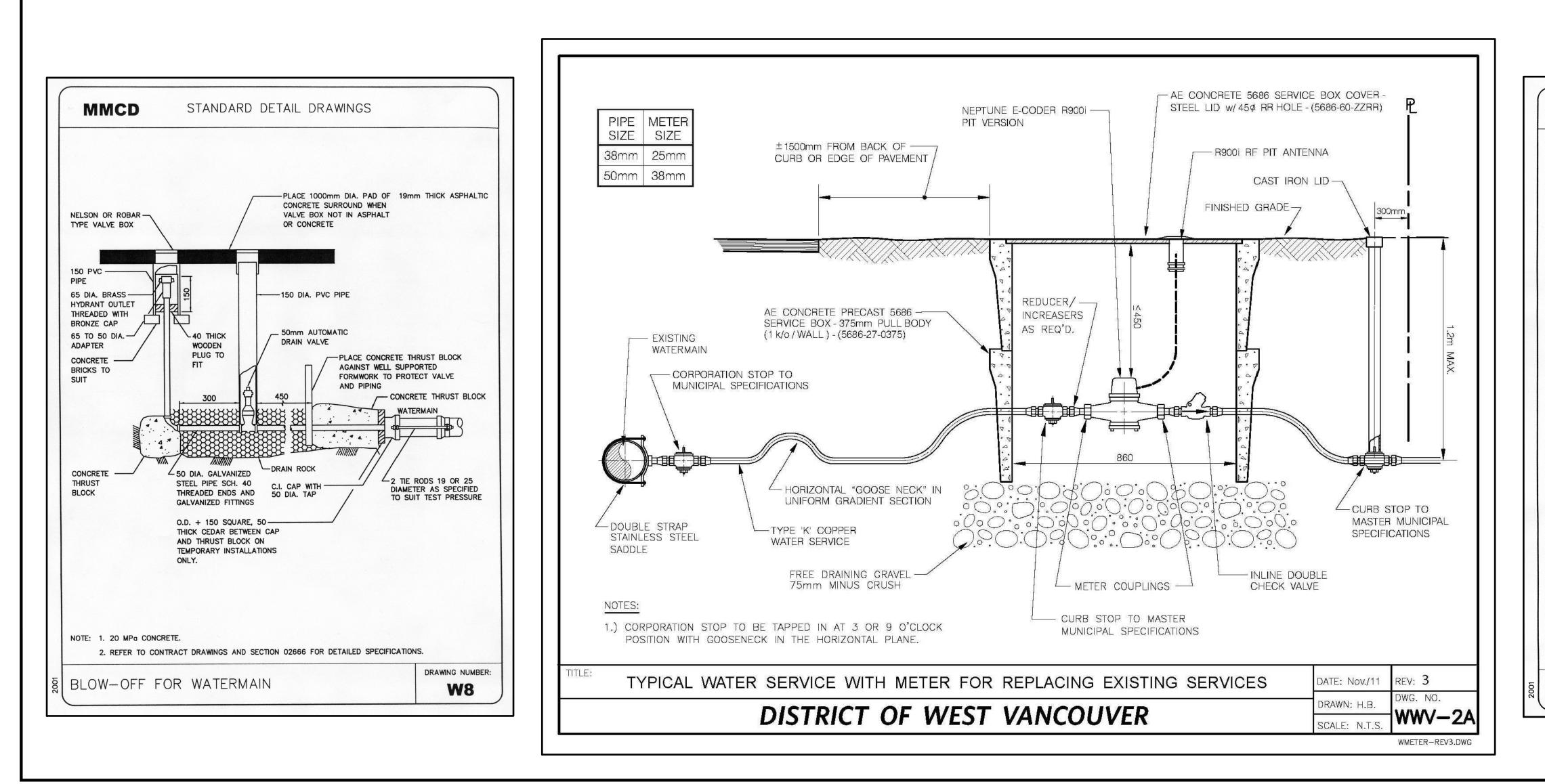
DET-1

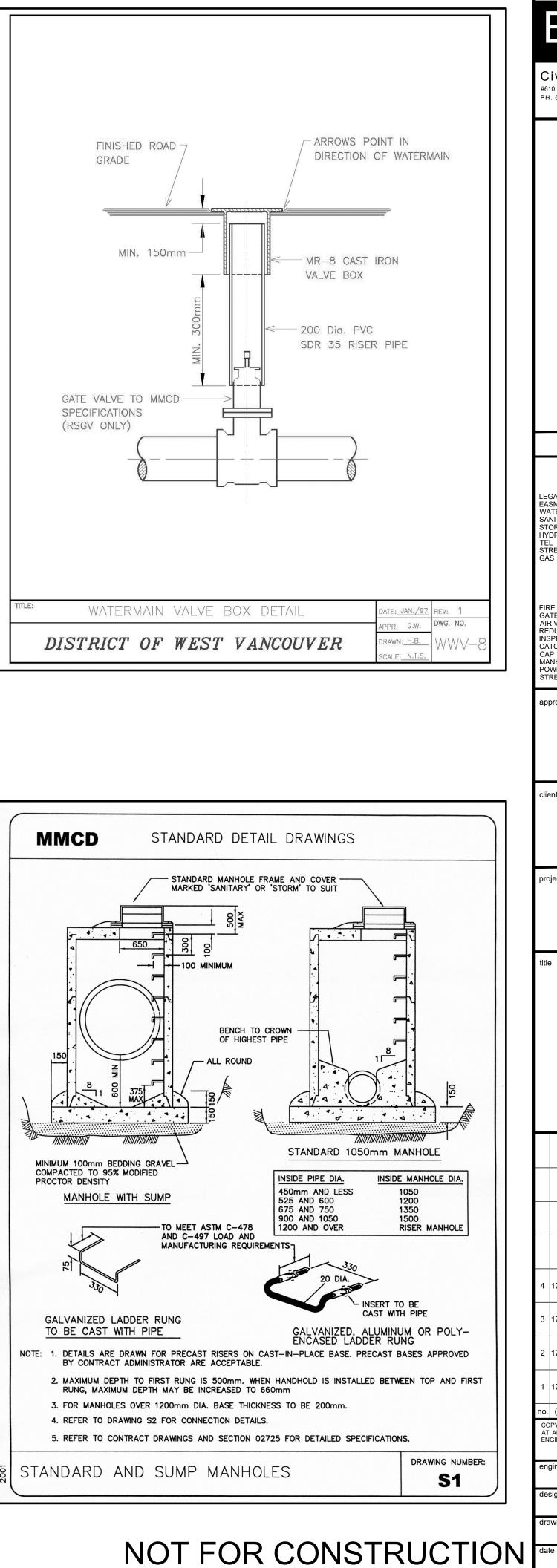
awing no

awn by

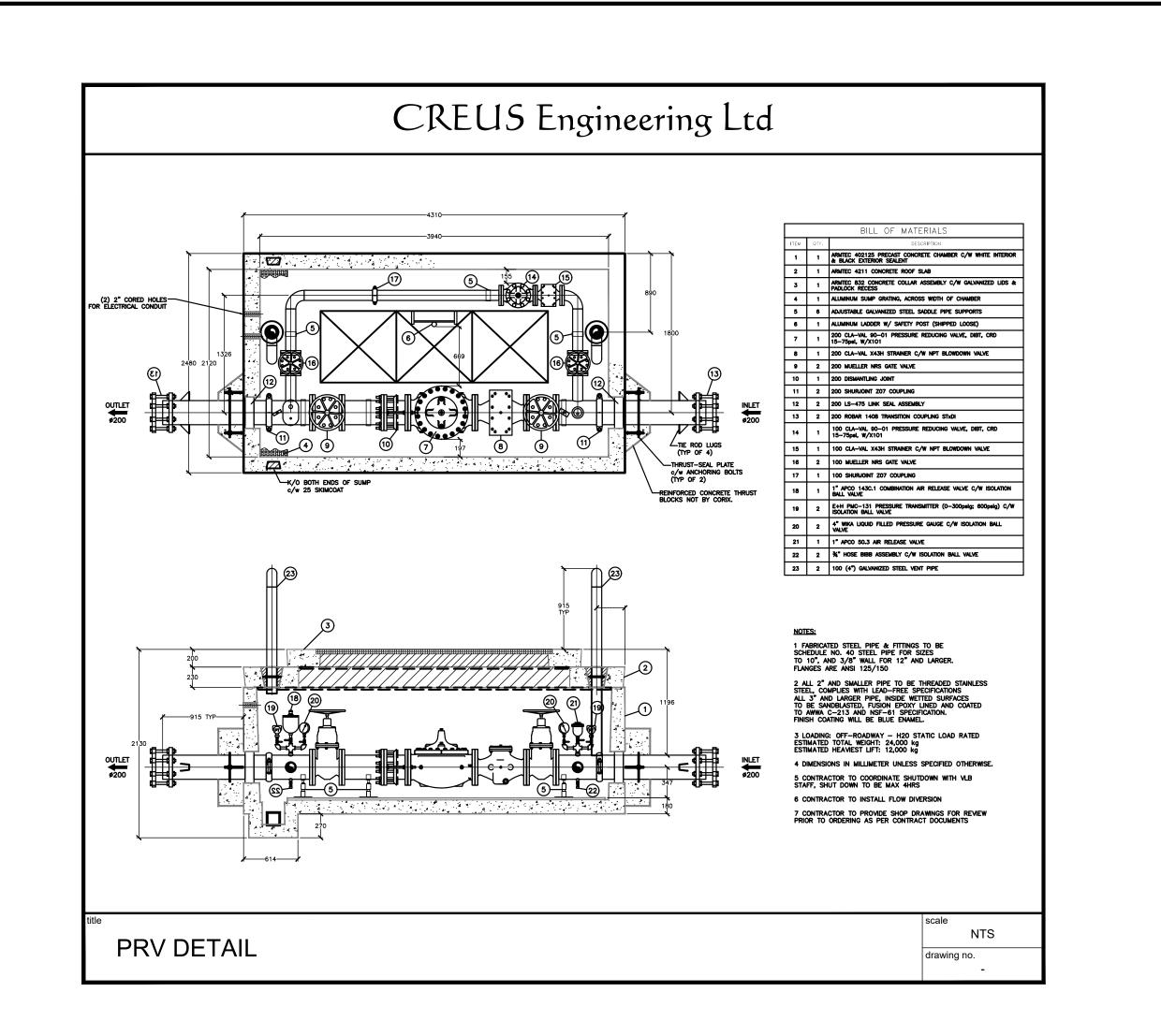
AGC

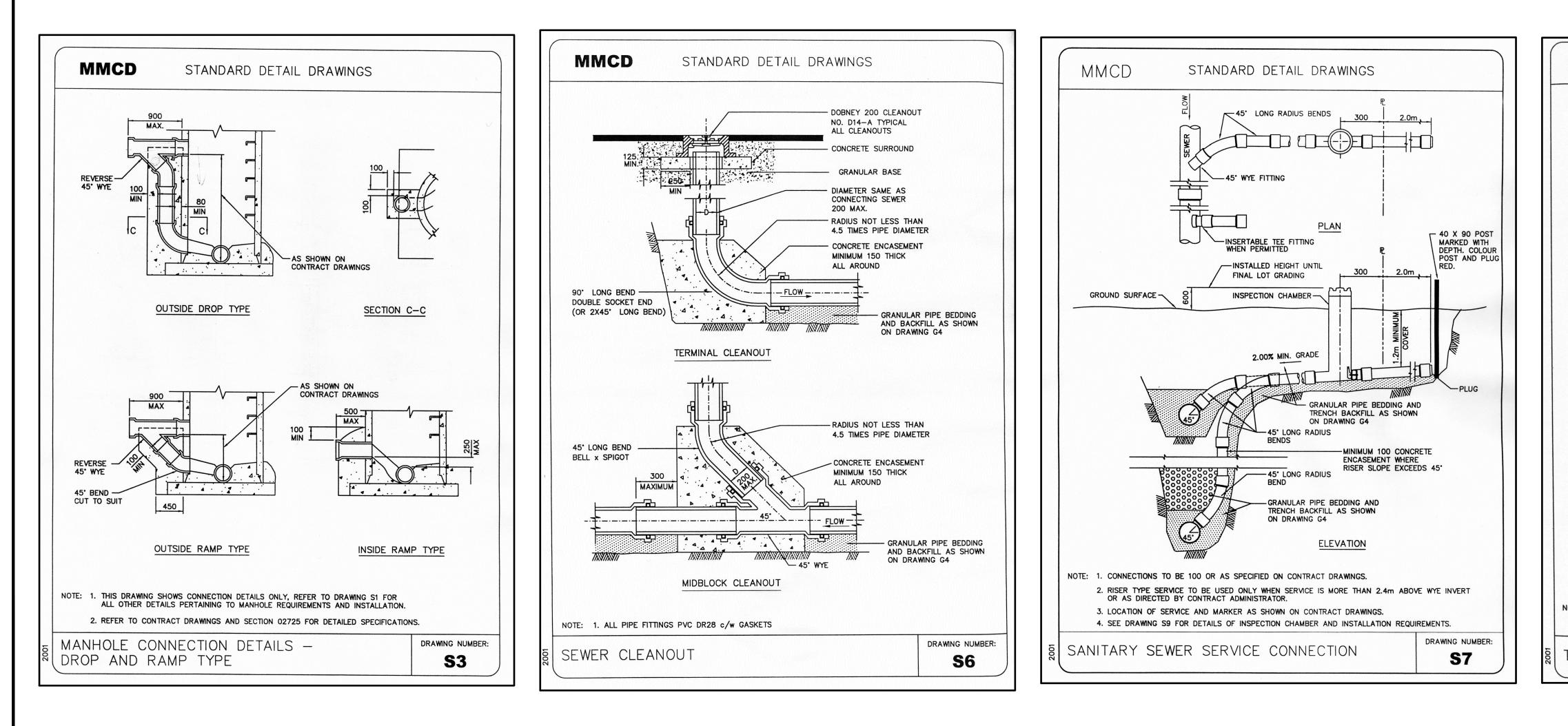


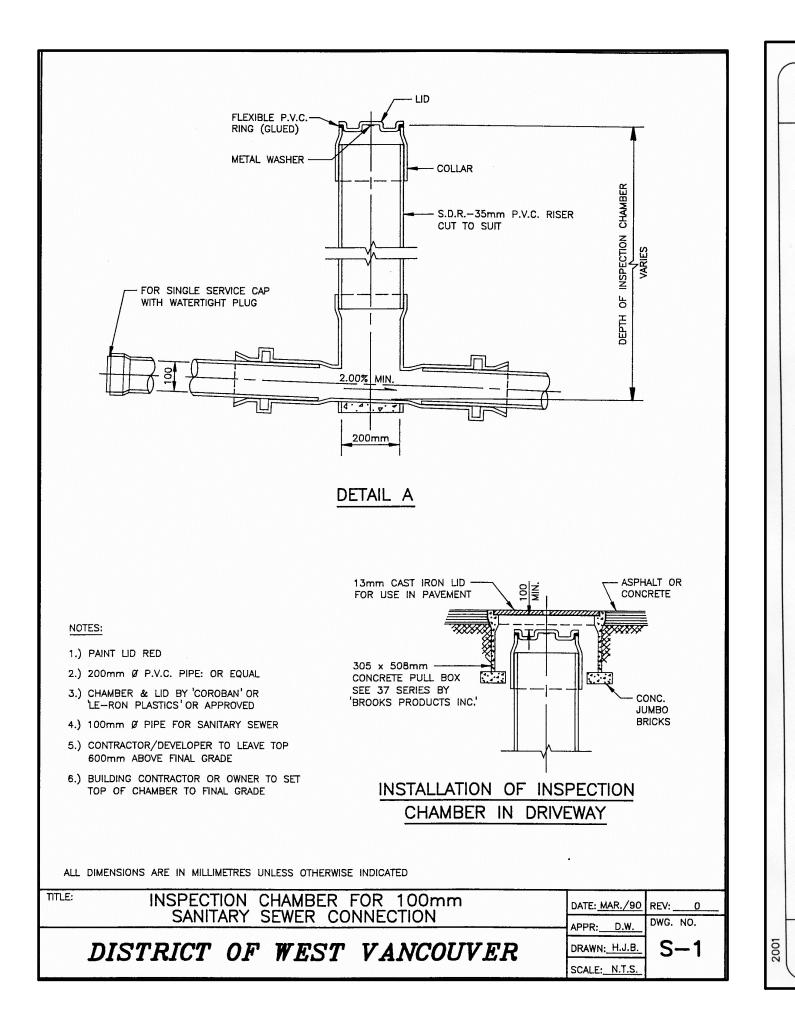


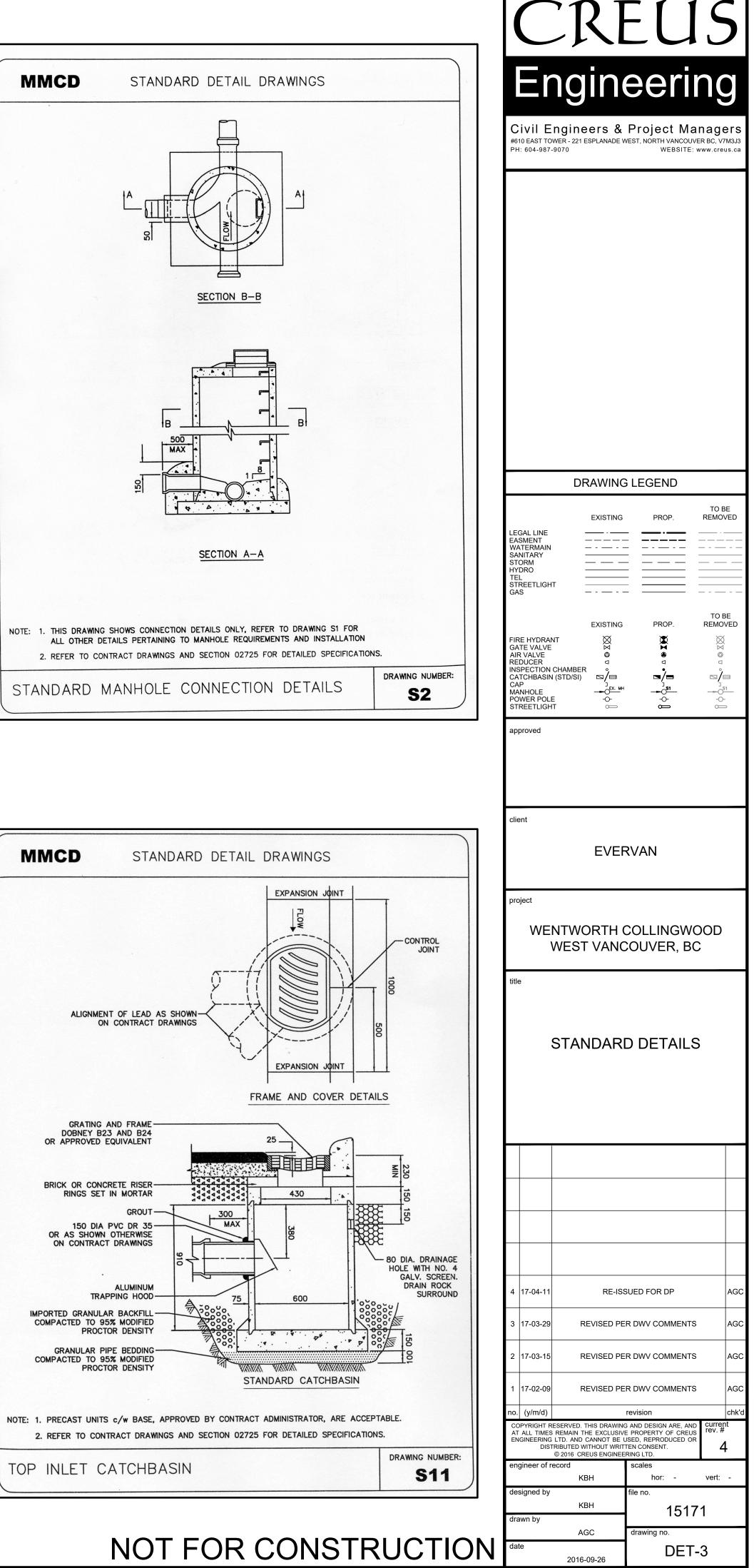


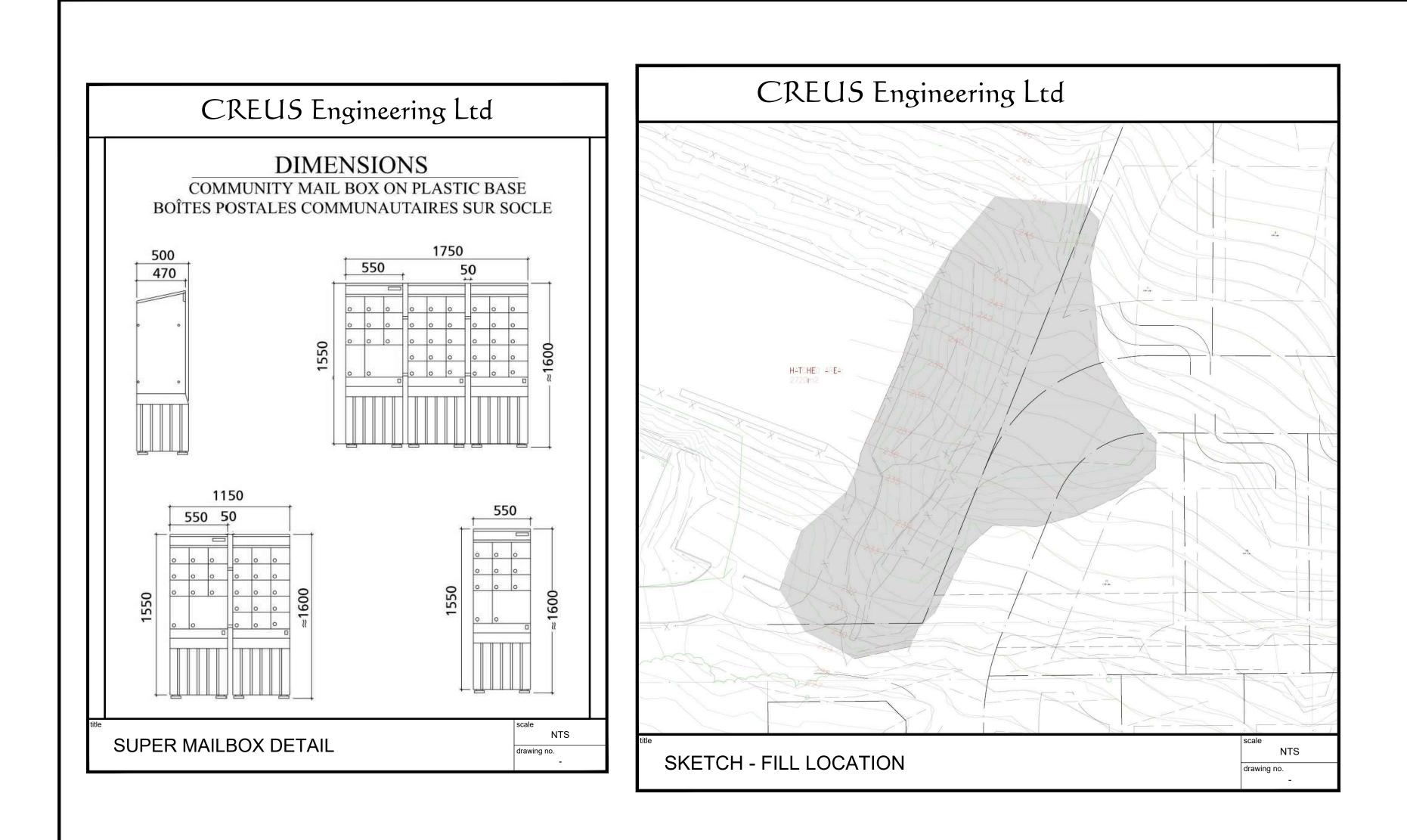
C	RI	EL	19	5			
En	gin	eer	ind	0			
Civil Eng #610 EAST TOWER PH: 604-987-907(ineers &	Project	Manag	ers /7M3J3			
	DRAWING						
			TO REMO				
EXISTING PROP. REMOVED LEGAL LINE							
	GATE VALVE AIR VALVE REDUCER INSPECTION CHAMBER CATCHBASIN (STD/SI) MANHOLE POWER POLE 						
approved							
client							
	EVEF	RVAN					
	WORTH (EST VANC)			
title							
ST	ANDAR	D DETA	ILS				
4 17-04-11	RE-IS	SUED FOR DP		AGC			
3 17-03-29	REVISED PER DWV COMMENTS						
2 17-03-15	REVISED PER DWV COMMENTS A						
1 17-02-09 no. (y/m/d)	REVISED PE	R DWV COMME	ENTS	AGC chk'd			
COPYRIGHT RESER AT ALL TIMES REM ENGINEERING LTD. DISTRIBU	Ved. This drawing Iain the exclusiv And cannot be i Ted without writ 16 creus enginee	E PROPERTY OF C JSED, REPRODUCE TEN CONSENT.	REUS rev.	# # 4			
engineer of record		scales hor: -	vert:	-			
designed by drawn by	КВН	file no. 15	5171				
date	AGC	drawing no.	ET-2				
	2016-09-26		_ · <i>L</i>				











	C		21		U		
		nd	in	e	eri	n	
C #6	ivil E	ngine	ers &	Pro	ject Ma prth vancour website:	anage VER BC, V7	ers M3J3
		DF	RAWING	GLEG	GEND		
EA WA SA ST HY EST GA FIFA AIE INCA CA APO	REETLIGH S RE HYDRAI TE VALVE R VALVE R VALVE DUCER SPECTION TCHBASIN	T - T - CHAMBER I (STD/SI)	EXISTING		PROP.		/ED
clie	ent		EVE	RVA	N		
^{project} WENTWORTH COLLINGWOOD WEST VANCOUVER, BC							
title		STAN	IDAR	D DI	ETAILS	S	
4	17-04-11		RE-IS	SUED F	OR DP		AGC
3	17-03-29	REVISED PER DWV COMMENTS			AGC		
2	17-03-15	REVISED PER DWV COMMENTS			AGC		
AT EN	PYRIGHT R ALL TIMES GINEERING	ESERVED. T REMAIN TH LTD. AND (TRIBUTED WI © 2016 CRE ecord	HIS DRAWIN HE EXCLUSIV CANNOT BE ITHOUT WRI EUS ENGINEI	revision G AND DE (E PROPE USED, RE ITEN CON ERING LTE scales	esign are, ani Rty of creu: Produced oi Sent. D.	currer s rev. #	-
de	signed by	KE		file no.		vert: 71	-
dra dat	awn by te	AG	_	drawir			
1		2016-	vy-26	I I			

