

# OTHER REFERENCE

C0-301

# STATUS

# **ISSUED FOR CONSTRUCTION**

### JANUARY 6, 2023 DRAWING LIST SHEET No. DRAWING TITLE LOCATION DESCRIPTION COVER C0-000 C0-001 GENERAL NOTES AND LEGEND C2-101 **BENHOMER DRIVE** PLAN AND PROFILE OF STA 1+980 TO STA 2+140 C2-102 PLAN AND PROFILE OF **BENHOMER DRIVE** STA 2+140 TO STA 2+290 C2-103 BENHOMER DRIVE PLAN AND PROFILE OF STA 2+290 TO STA 2+440 C7-101 PLAN AND PROFILE OF OWENS ROAD STA 0+100 TO STA 0+290 C7-102 PLAN AND PROFILE OF OWENS ROAD STA 0+300 TO STA 0+440 C7-103 PLAN AND PROFILE OF OWENS ROAD STA 0+450 TO STA 0+580 C7-104 PLAN AND PROFILE OF OWENS ROAD STA 0+600 TO STA 0+730 C7-105 PLAN AND PROFILE OF OWENS ROAD STA 0+800 TO STA 0+870

TYPICAL SECTIONS AND DETAILS



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		PROPOSED CONCRETE	* <b>9</b> *		y V	
						THIS DRAWING AND DESIGN IS THE PROPERTY OF MCELHANNEY AND SHALL NOT BE USED, REUSED OR
						THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.
						THIS DRAWING AND DESIGN HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AN REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES AT THE TIME OF PREPARATION. MCELHANNEY, ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS WILL NOT BE LIABLE FOR ANY LOSSES OF OTHER
_						CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO, THIS DRAWING BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIF
	2023-01-06		IN/	11/1	CI	EMPLOYEES OR AGENTS, WITHOUT MCELHANNEY'S PRIOR WRITTEN CONSENT.
	2022-11-08	ISSUED FOR TENDER	IM	IM	CL	ITS EMPLOYEES AND DIRECTORS ARE NOT RESPONSIBLE NOR LIABLE FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES, CABLES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS
/	Date	Description	Drawn	Design	App'd	HAND DIGGING OR HYDROVAC AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

## GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DRAWINGS INCLUDED WITHIN THE CITY OF COLWOOD ( SUBDIVISION AND DEVELOPMENT BYLAW, 1995, AND THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) AND AMENDMENTS TO THE MMCD FOR WORK MUNICIPAL ROW OR SROW.
- 2. IF A CONFLICT BETWEEN THE SPECIFICATIONS ARISES, THE MOST STRINGENT SPECIFICATION SHALL APPLY. 3. CONTACT THE CoC ENGINEERING DEPARTMENT 24 HOURS PRIOR TO BLASTING ON SITE. CONTRACTOR TO OBTAIN AND PAY FOR BLASTING PERMIT AND FEES. PI
- BLASTING PROCEDURES IN ACCORDANCE WITH MMCD SECTION 31 23 17 ROCK REMOVAL. 4. CONTRACTOR TO MAINTAIN AN UP-TO-DATE SET OF REDLINE DRAWINGS FOR THE PREPARATION OF AS-CONSTRUCTED DRAWINGS. THE REDLINES ARE TO BE DI TO THE ENGINEER PRIOR TO SUBSTANTIAL PERFORMANCE. ALL DATA REQUIRED MUST BE ACCEPTABLE TO THE ENGINEER TO PREPARE THE AS-CONSTRUCTED
- DRAWINGS. MISSING OR INADEQUATE DATA TO BE PROVIDED BY THE CONTRACTOR OR BY AN INDEPENDENT SURVEYOR AT THE CONTRACTOR'S EXPENSE. 5. CONTRACTOR TO ENSURE EXISTING MONUMENTS AND IRON PINS ARE NOT DISTURBED DURING CONSTRUCTION. ANY MONUMENTS OR IRON PINS IN DANGER OF DISTURBANCE ARE TO BE REFERENCED AND, IF DISTURBED, BE REPLACED BY A BCLS AT THE CONTRACTOR'S EXPENSE. 6. MAINTAIN VEHICULAR ACCESS TO SITE AND ACCOMMODATE PRIVATE DRIVEWAYS AT ALL TIMES.
- 7. IN THE EVENT OF ANY CONFLICT BETWEEN EXISTING INFRASTRUCTURE AND THE DESIGN, CONTRACTOR TO NOTIFY CoC INSPECTOR AND THE CIVIL ENGINEER IMMEDIATELY.
- 8. EXISTING SERVICES MUST BE EXPOSED AT CONNECTION AND CROSSING POINTS TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- 9. ADJUST ALL PROPOSED AND EXISTING APPURTENANCES TO MEET THE FINAL GRADES.
- 10. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION LAYOUT, MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES FOR CO-ORDINATING THE VARIOUS PARTS OF THE WORK IN THESE DRAWINGS. MCELHANNEY WILL PROVIDE DIGITAL FILES FOR LAYOUT PURPOSES UPON REQUEST. 11. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE WRITTEN CONFIRMATION TO THE OWNER AND MCELHANNEY LTD. THAT THEY WILL PRIME CONTRACTOR ASSUME THE RESPONSIBILITIES OF THE PRIME CONTRACTOR AS OUTLINED IN THE WORKERS COMPENSATION ACT FOR THE DURATION OF PROJECT.
- 12. CONTRACTOR TO PREPARE TRAFFIC MANAGEMENT PLAN TO BE APPROVED BY THE CITY OF COLWOOD. PLAN MUST BE SUBMITTED AND APPROVED AT LEAST 5 DAYS PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH EMERGENCY SERVICES, CITY OF COLWOOD FIRE DEPARTMENT, SCHOOL DISTR TRANSIT AND CANADA POST.
- 13. CONTRACTOR TO ARRANGE A PRE-CONSTRUCTION MEETING PRIOR TO CONSTRUCTION THAT MUST INCLUDE A CoC REPRESENTATIVE AND CIVIL ENGINEER.

## TRENCHING, EXCAVATING AND BACKFILLING

- 1. CONTRACTOR TO EXCAVATE TO CONFIRM LOCATION AND ELEVATION OF EXISTING UTILITIES AT ALL CROSSINGS AND CONNECTION POINTS AND CONFIRM ELEVA WITH THE ENGINEER PRIOR TO CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND ARE REQUIRED TO BE CONFIRMED IN T ANY DAMAGE OR REPAIR TO EXISTING UTILITIES SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.
- 2. DO NOT START ANY BACKFILL OPERATION DURING CONSTRUCTION PRIOR TO THE ENGINEER'S INSPECTION.
- 3. CONTRACTOR TO ENSURE ALL EXISTING SERVICES REMAIN IN OPERATION DURING CONSTRUCTION. 4. AFTER CONSTRUCTION, RESTORE WORK AREAS AND ALL EXISTING FEATURES TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF CoC AND/O PRIVATE PROPERTY OWNER.
- 5. ADJUST ALL PROPOSED AND EXISTING APPURTENANCES TO MEET THE FINAL GRADES. 6. ALL UTILITY TRENCHING TO BE IN ACCORDANCE WITH MMCD STD. DWG. G4 AND MMCD SECTION 31 23 01 - EXCAVATING, TRENCHING & BACKFILLING AND/OR AS
- REQUIRED BY THE UTILITY COMPANY. 7. CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A QUALIFIED INDEPENDENT GEOTECHNICAL TESTING ENGINEER TO PROVIDE QUALITY CONTROL S DURING CONSTRUCTION AND SHALL PROVIDE AT A MINIMUM UNLESS APPROVED IN WRITING BY A GEOTECHNICAL ENGINEER:
- 7.1. SIEVE ANALYSIS OF SANDS AND AGGREGATES SUPPLIED TO THE WORK.
- 7.2. MODIFIED PROCTOR DENSITY CURVES FOR BACKFILL MATERIALS.
- 7.3. MODIFIED PROCTOR DENSITY CURVES FOR APPROVED BORROW MATERIALS. 7.4. TRENCH BEDDING DENSITY TEST (MAINLINE) - ONE FOR EVERY 75m OF TRENCH.
- 7.5. TRENCH BACKFILL DENSITY TEST (MAINLINE) - ONE FOR EVERY 75m OF TRENCH.
- 7.6. TRENCH BEDDING DENSITY TEST (SERVICE) - ONE PER SERVICE.
- 7.7. TRENCH BACKFILL DENSITY TEST (SERVICE) ONE PER SERVICE.

### SURFACE WORKS

- 1. ALL PAVING RESTORATION TO BE IN ACCORDANCE WITH MMCD SECTION 32 12 16 HOT-MIX ASPHALT CONCRETE PAVING.
- 2. ALL CONCRETE WALKS, CURBS AND GUTTERS TO BE IN ACCORDANCE WITH MMCD SECTION 03 30 53 CAST-IN-PLACE CONCRETE. 3. ALL NON-MOUNTABLE CURBS (NMC) TO BE AS PER CoC STD DWG. R14. CURBS AT NON-RESIDENTIAL DRIVEWAYS TO BE REINFORCED.
- 4. CONCRETE SIDEWALKS TO BE AS PER MMCD C1 AND C2.
- 5. RESIDENTIAL DRIVEWAYS TO BE MIN 150mm THICK AS PER MMCD C7. NON-RESIDENTIAL DRIVEWAYS TO BE MIN. 200mm THICK AS PER MMCD C7 c/w 150mmX150m GAUGE WIRE MESH REINFORCING.
- 6. SIDEWALK RAMPS TO BE AS PER CoC STD DWG R22 AND R23 c/w BRICK OR STAMPED CONCRETE FOR VISUALLY IMPAIRED.
- 7. EXTRUDED ASPHALT CURBS TO BE AS PER CoC STD DWG R16.
- 8. ROAD STRUCTURE TO BE AS PER CoC STD DWG R2 (LOCAL ROAD). 9. ALL TRENCH RESTORATION WITHIN THE ORIGINAL PAVED SURFACE SHALL BE AS PER CoC STD DWG R6A.
- 10. ALL GRANULAR BASE AND GRANULAR SUB-BASE TO BE IN ACCORDANCE WITH MMCD SECTION 31 05 17 AGGREGATES & GRANULAR MATERIALS.
- 11. CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A QUALIFIED INDEPENDENT GEOTECHNICAL TESTING ENGINEER TO PROVIDE QUALITY CONTROL S DURING CONSTRUCTION AND SHALL PROVIDE AT A MINIMUM UNLESS APPROVED IN WRITING BY A GEOTECHNICAL ENGINEER:
- 11.1. SIEVE ANALYSIS OF SANDS AND AGGREGATES SUPPLIED TO THE WORK.
- 11.2. MODIFIED PROCTOR DENSITY CURVES FOR BACKFILL MATERIALS. 11.3. MODIFIED PROCTOR DENSITY CURVES FOR APPROVED BORROW MATERIALS.
- 11.4. COMPACTION CONTROL TESTS FOR BACKFILL AND EMBANKMENT MATERIAL INCLUDING:
- 11.4.1. GRANULAR BASE (CURBS) ONCE PER 50 LINEAL METRES PLUS PROOF ROLL TEST, FULL LENGTH.
- 11.4.2. GRANULAR BASE (ROADS) ONCE PER 50 LINEAL METRES PLUS PROOF ROLL TEST, FULL LENGTH. 11.4.3. GRANULAR BASE (WALKWAYS) - ONCE PER 50 LINEAL METERS PLUS PROOF ROLL TEST, FULL LENGTH.
- 11.5. CONCRETE MIX DESIGN AND TESTING.
- 11.6. CONCRETE STRENGTH TESTS (MINIMUM THREE SPECIMEN CYLINDERS IN ACCORDANCE WITH CSA A23.1) FOR THE FOLLOWING:
- 11.6.1. CURB AND GUTTER ONCE PER 150 LINEAL METRES (MINIMUM ONE PER DAY DURING CONCRETE PLACING).
- 11.7. ASPHALT MIX DESIGN AND TESTING. 11.8. ASPHALT TESTS FOR THE FOLLOWING:
- 11.8.1. AGGREGATE GRADATION TESTS ONE PER 300 TONNES OF PRODUCTION (MINIMUM ONE PER DAY DURING ASPHALT PLACEMENT).
- 11.8.2. MARSHALL TEST THREE BRIQUETTES FOR EVERY 300 TONNES OF PRODUCTION (MINIMUM ONE PER DAY DURING ASPHALT PLACEMENT).
- 11.8.3. COMPACTION ONE CORE FOR EVERY 500 sq.m PLACED.
- 12. SUBGRADE TO BE APPROVED BY GEOTECHNICAL ENGINEER. ANY FAILURE OF THE SUBGRADE AFTER APPROVAL IS THE RESPONSIBILITY OF THE CONTRACTOR. MITIGATION PRCEDURES REQUIRED TO PROTECT THE SUBGRADE IS THE RESPONSIBILITY OF AND AT THE EXPENSE OF THE CONTRACTOR.
- 13. BOULEVARDS TO BE TOPSOILED AND SODDED IN ACCORDANCE WITH MMCD SECTION 32 92 23 SODDING. BOULEVARD, BEHIND SIDEWALK, MAY ALTERNATIVELY TOPSOILED c/w SEED IN ACCORDANCE WITH MMCD SECTION 32 92 20 - SEEDING.



ORIGINAL DWG SIZE: A1 (594 x 841mm)

	1.250	10
_	1.200	



Suite 500 3960 Quadra Street Victoria BC Canada V8X 4A3 T 250 370 9221





oC) ON	<ul> <li>SIGNING AND PAVEMENT MARKINGS</li> <li>ALL SIGNAGE AND PAVEMENT MARKINGS TO BE AS PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA. CONTRACTOR TO REFERENCE MANUAL OF STANDARD TRAFFIC SIGNS AND PAVEMENT MARKINGS</li> </ul>
OVIDE	<ul> <li>(SEPTEMBER 2000). ALL SIGNS TO HAVE "DIAMOND GRADE"REFLECTIVE SHEETING.</li> <li>PAVEMENT MARKINGS MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH MMCD SECTION 32 17 23 - PAINTED PAVEMENT MARKINGS.</li> </ul>
IVERED	HYDRO, TELEPHONE, STREETLIGHTING, CABLE & GAS
	<ol> <li>CONTACT BC ONE CALL'AT 1-800-474-6886 A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. CONTRACTOR TO REVIEW INFORMATION PRIOR TO START OF ANY EXCAVATION. CONTACT "SHAWDIG" FOR SHAW CABLE FACILITIES.</li> <li>CONTACT BC HYDRO, TELUS, SHAW CABLE AND FORTISBC GAS 48 HOURS PRIOR TO THE START OF ANY EXCAVATION.</li> </ol>
	<ol> <li>ANY BC HYDRO, TELUS, SHAW CABLE OR FORTISBC GAS FACILITIES SHOWN ON THE ENGINEERING DRAWINGS ARE SCHEMATIC ONLY.</li> <li>CONNECTION TO OR ALTERATION OF EXISTING BC HYDRO. TELUS, SHAW CABLE, FORTISBC OR OTHER UTILITIES WILL</li> </ol>
	BE UNDERTAKEN BY THE APPROPRIATE UTILITY ONLY.
	SANITARY AND STORM SEWER MANHOLES TO BE 1050Ø UNLESS OTHERWISE NOTED AND TO BE AS PER CoC STD. DWG. SD1. MANHOLE LID TO BE SET TO MATCH EXISTING OR DESIGN GRADE AND STAMPED "COLWOOD STORM SEWER" ALL MANHOLE CASTINGS
E THE IE	AND FRAMES ARE TO BE 'C44A ALFS' CASTINGS OR EQUIVALENT APPROVED BY ENGINEER AND THE CITY OF COLWOOD.
SINESS CT, B.C.	<ol> <li>VERTICAL SEEPAGE PITS TO BE 1200Ø UNLESS OTHERWISE NOTED AND TO BE AS PER Coc STD. DWG. S5SS. VSP LID TO BE SET TO MATCH EXISTING OR DESIGN GRADE AND STAMPED "COLWOOD STORM SEWER".</li> <li>ENSURE ALL EXISTING STORM AND SANITARY SYSTEMS REMAIN IN USE DURING CONSTRUCTION.</li> </ol>
	<ol> <li>PRE-BENCHED, FACTORY PRODUCED MANHOLE BOTTOMS TO BE USED.</li> <li>ALL MANHOLE BARRELS TO BE GASKETED. MASTIC TAPE TO BE UTILIZED ON THE BOTTOM BARREL SEALED INSIDE AND OUT AS WELL</li> </ol>
IONS E FIELD.	<ol> <li>ADJUST EXISTING MH'S FRAME AND GRATE TO SUIT FINISHED GRADE ELEVATION.</li> <li>ALL CATCH BASINS TO BE AS PER CoC STD. DWG D8, DOUBLE CATCH BASINS TO BE AS PER CoC STD. DWG D9, AND SUPPORTURED WITH MIN. 400mm, OPANI, AD BASE COMPACTED TO SEV. MODIFIED PROCEOD DENSITY.</li> </ol>
	SURROUNDED WITH MIN. 100MM GRANULAR BASE COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
	ENVIRONMENTAL AND TREE PROTECTION 1. CONTRACTOR TO PROVIDE AN ENVIRONMENTAL MANAGEMENT PLAN TO BE APPROVED BY THE ENGINEER AND CoC BEFORE COMMENCING CONSTRUCTION WHICH WILL PROVIDE DETAILS AND PROCEDURES, AT A MINIMUM, OF THE
	FOLLOWING: 1.1. DISPOSAL OF WASTES.
RVICES	<ol> <li>EKUSION AND SEDIMENT CONTROL.</li> <li>FUEL SPILL CONTROL, INCLUDING SIZE AND TYPE OF SPILL KITS.</li> <li>DRAINAGE, TREATMENT AND DISPOSAL OF DEWATERING.</li> </ol>
	<ol> <li>CONTRACTOR TO OBTAIN PERMIT FROM CoC PRIOR TO REMOVAL OF ANY TREES ON PRIVATE OR PUBLIC PROPERTY. TREES AND TREE ROOTS ARE TO BE PROTECTED DURING CONSTRUCTION. HAND DIG WHERE ROOTS OVER 50mm ARE ENCOUNTERED.</li> </ol>
	3. TREES THAT ARE TO BE RETAINED SHALL BE PROTECTED BY SNOW FENCING OR AS DIRECTED BY CONSULTING ARBORIST. ALL FENCING/HOARDING TO BE INSTALLED UNDER THE DIRECTION OF THE CONSULTING ARBORIST AND INSPECTED BY CAC PARKS PRIOR TO CONSTRUCTION
	<ol> <li>AN ISA CERTIFIED CONSULTING ARBORIST MUST SUPERVISE EXCAVATION WITHIN CRITICAL ROOT ZONES OF ALL TREES THAT ARE TO REMAIN.</li> </ol>
<u>10</u>	
•	
VICES	
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	PERMIT IO PRACTICE       ZUZZ III ATF UI         McElhanney Ltd.       City Drawing Number
	Engineers and Geoscientists of BC
SSION	CITY OF COLWOOD 3300 WISHART ROAD, VICTORIA, BC, V9C 1R1
CCALL THIS	2022 ACTIVE TRANSPORTATION PRIORITY C0-001
MEER 2222	GENERAL NOTES AND LEGEND
-01-09	Project Number Rev.





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	79				
	78				
	77				
	70				
	74				
	73				
3.51	72	PROPOSED ELEVATIONS			
20		@ EDGE OF GUITER PAN ORIGINAL GROUND ELEVATIONS	-		
76.5		@ EDGE OF GUTTER PAN	-		
22+8		CHAINAGE			
6.00 6.00 REMOVE EXISTINA HEADWA #323 Lot 23 Plan VIP2212	E AND DISPOSE OFFSITE, G D/W CULVERTS AND ALLS, TYP	CONTINUED ON SHEET C2-103			
		PERMIT T McEił PERMIT NU Engineers and	O PRACTICE hanney Ltd. IMBER: 1003299 I Geoscientists of BC	City Project Number 2022 ITT ATP 01 City Drawing Number	REVISION
PROVINCE PROVINCE		CITY OF COLWOOD		Drawing No.	BEARING PREVIOUS
BRITISH COBRITISH COBRITISH LUMB COBRITISH COBRITI	F	VE TRANSPORTATION VLAN AND PROFILE C BENHOMER DRIVE	N PRIURITY )F		
2023-01-09 Approved Sealed	S <sup>-</sup>	TA 2+140 TO STA 2+2	290	2241-21156-00	



							LC=26.00 K=6.43
EVC ELEV: 76					X: 24+09.00 ≤V: 75.04		
		APPROX EXIST. CL PROFILE	- APPROX EXI GROUND PR	ST. PROPOSEI OFILE OF CURB F	DEDGE		1+22.86 74.89
			-2.16%				LP STA: 24
							2.00 76
							PVI STA: 24+22 PVI ELEV: 74
							1
	76.10	75.67		75.23		74.90	
	76.07	75.67		75.22		74.97	
	23+60	23+80		24+00		24+20	





APPROX EXIST.         PROPUSE								
APPROX EXIST.         OPPOPOSED ECOE         OPPOPOPO						LC=1 K=7	0.00	
	CL P	ROX EXIST. — A ROFILE G	PPROX EXIST. ROUND PROFILE	- PROPOSED EL OF CURB PRO	GE FILE	BVC STA: 4+15.00 BVC ELEV: 79.04 PVI STA: 4+20.00	%26'0- EVC ELEV: 79.06 EVC ELEV: 79.01	
3-60     18-12       3-60     18-12       3-60     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12       3-70     18-12			0.007					
3460     2312     2312       3460     2323     2824       3460     2894     2894       1004     1004     1004       1004     1004     1004       1004     1004     1004       1004     1004     1004       1004     1004     1004       1004     1004     1004						HP STA: 4+18.53 HP ELEV: 79.04		
3+60     78.72       3+60     78.72       3+60     78.97       14+00     78.97       14+20     78.97       79.04     79.04								
3+60     78.72     78.72       3+60     78.86     78.88       3+80     78.97     78.88       4+20     76.97     78.97       79.04     79.04     79.04								
3+60     78.72       3+80     78.84       4+00     78.84       4+20     78.97	78.72		78.88		78.97	79.04		-
3+60 3+80 4+20	78.72		78.88		78.97	79.04		
	3+60		3+80		4+00	4+20		

81	-			
0				
78				
77				
76				
75	_			
74				
	PROPOSED ELEVATIONS @ EDGE OF GUTTER PAN			
	ORIGINAL GROUND ELEVATIONS @ EDGE OF GUTTER PAN			
4+40	CHAINAGE			
12 P17527 456 BE S2+00	CONTINUED I CONTIN		City Project Number 2022 ITT ATP 01	
		McElhanney Ltd. PERMIT NUMBER: 1003299 Engineers and Geoscientists of BC	City Drawing Number	REVISION
PROVINCE PR	CITY OF COL 3300 WISHART ROAD, VICTORI	WOOD IA, BC, V9C 1R1	Drawing No.	ARING PREVIOUS
BRITISH LUMB NOINEER 222	2022 ACTIVE TRANSPOR PLAN AND PRO	TATION PRIORITY	U7-102	IY ALL PRINTS BE,
2023-01-09	OWENS RO STA 0+300 TO S	OAD STA 0+440	Project Number         Rev.           2241-21156-00         1	- DESTRO



		LC=20.00 K=11.14				LC=10.0 K=5.6	D0 1
- APPROX EXIST. GROUND PROFILE	PROPOSED EDGE VIS OF CURB PROFILE SON BACK STATES STATES OF CURB PROFILE SON	PVI STA: 5+18.00 PVI ELEV: 78.84	EVC STA: 5+28.00 EVC ELEV: 78.61		2.000	BVC STA: 5+54.00 BVC ELEV: 78.01 PVI STA: 5+59.00 PVI ELEV: 77.90	EVC STA: 5+64.00 EVC ELEV: 77.70
					-2.29%		-4.
78.95		78.75		78.32		77.83	
78.95		78.75		78.32		77.83	
2+00		5+20		5+40		2+60	



T.	APPROX EXIST. GROUND PROFILE	LC=10.00 K=33.33 00.249 900 ELC: 11.78 00.249 900 ELC: 11.78 00 CELEN: 11.78 00 CELEN: 11.78 0 CELEN: 11.788 0 CELEN: 11.788 0 CELEN: 11.788 0 CELEN: 11.788		LC=18.00 K=9.45 PVI ELEV: 71.00 PVI ELEV: 77.00 PVI ELEV: 77.0	C=6.00 K=7.34 81 80 80 80 80 80 80 80 80 80 80	
77.46	77.32	77.15	77.02	77.13	74 71.72	PROPOSED ELEVATIONS @ EDGE OF GUTTER PAN
77.46	77.32	77.15	77.02	77.13	77.14	ORIGINAL GROUND ELEVATIONS @ EDGE OF GUTTER PAN
6+40	09+9	6+80	00+2	7+20	7+30	CHAINAGE

EXIST. PAINT LINES, TYP 74+20 G S55SS INSTALL 60 THERMOP CROSSWA	Vomm WHITE ASTIC LK BARS Vertice LK BARS Vertice Manual Ma			
		<b>PERMIT TO PRACTICE</b> McElhanney Ltd. <b>PERMIT NUMBER: 1003299</b> Engineers and Geoscientists of BC	City Project Number 2022 ITT ATP 0 City Drawing Number	1
BRITISH CONTRACTOR BRITISH CLUMB CONSEE 2023-01-09 Droved Sealed	CITY OF CO 3300 WISHART ROAD, VIC 2022 ACTIVE TRANSPO PLAN AND P OWENS STA 0+600 TC	OLWOOD TORIA, BC, V9C 1R1 ORTATION PRIORITY ROFILE OF ROAD O STA 0+730	Drawing No. <b>C7-104</b> Project Number 2241-21156-00	Rev.



