

**ENVIRONMENTAL NOTES:**

- USE BEST MANAGEMENT PRACTICES DURING CONSTRUCTION. ADJUST WORK ACTIVITIES DURING PERIODS OF HEAVY RAIN TO MINIMIZE SEDIMENTS ENTERING THE STORM DRAINAGE SYSTEM.
- SOME BMP'S TO CONSIDER:
  - CHECK ALL EQUIPMENT FOR FLUID LEAKS PRIOR TO ENTERING THE WORK AREA.
  - NO EQUIPMENT RE-FUELING TO OCCUR IN THE WORK AREA UNLESS SPILL PROTECTION MEASURES ARE IN PLACE.
  - A SPILL KIT IS TO BE MAINTAINED ON SITE THROUGHOUT THE CONSTRUCTION PERIOD.
  - SURFACE WATER IS TO BE MANAGED WITHIN THE WORK AREA AND TREATED BEFORE DISCHARGED. THIS MAY INCLUDE ONSITE DETENTION AND/OR CULVERT FILTRATION.
  - COVER EXPOSED SOILS IN INCLEMENT WEATHER ie TARP, HYDRO SEED OR ORGANIC LEAF MULCH.
- STOCKPILE SOILS AWAY FROM CULVERT INLETS AND ENSURE THEY ARE COVERED IF LEFT FOR MORE THAN 48 HOURS.
- PLACE DRAIN ROCK AND FILET FABRIC AT THE INLET OF CULVERT.
- SURROUND PROTECTED TREES WITH SNOW FENCING AT DRIP LINE OR CRITICAL ROOT ZONE OF TREE DURING CONSTRUCTION. CONTACT CITY ARBORIST PRIOR TO BEGINNING CONSTRUCTION.
- INSTALL SILT FENCING AS REQUIRED.

**GENERAL CONSTRUCTION NOTES:**

1. CONTACT & NOTIFY ALL HOMEOWNERS AFFECTED BY WORKS 4 WEEKS PRIOR TO CONSTRUCTION.
2. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO CITY STANDARD SPECIFICATIONS AND DRAWINGS UNLESS OTHERWISE NOTED ON THIS DRAWING.
3. REPAIR AND/OR REPLACE ALL INFRASTRUCTURE/PRIVATE PROPERTY DAMAGED OR REMOVED DURING CONSTRUCTION, TO BETTER THAN, OR EQUAL TO PRE-CONSTRUCTION CONDITION.
4. REINSTATE ALL PRIVATE PROPERTY TO PRE-CONSTRUCTION CONDITIONS.
5. CONTACT CITY PARKS DEPARTMENT PRIOR TO WORKING IN AND AROUND TREES.
6. ENSURE THE CURRENT MUNICIPAL O.H.&S. GROUND DISTURBANCE PRACTICE AND PROCEDURES ARE FOLLOWED. CONTACT BC1 AT 1-800-474-6886 FOR EXTERNAL UTILITY LOCATIONS AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
7. NOTIFY THOSE HOMEOWNERS WHO WILL BE AFFECTED BY CONSTRUCTION 48HRS BEFORE BEGINNING WORKS.
8. CONFIRM LOCATION AND ELEVATION OF EXISTING UTILITIES AT ALL CROSSINGS AND CONNECTIONS PRIOR TO CONSTRUCTION.
9. ENSURE ALL EXISTING SERVICES STAY IN OPERATIONAL CONDITION DURING CONSTRUCTION.
10. SIGNS ARE TO BE CONSTRUCTED AS PER MUNICIPAL STANDARD DRAWINGS.
11. ALL BOULEVARDS TO BE RESTORED WITH 200mm TOPSOIL AND GRASS.
12. MAINTAIN VEHICLE AND PEDESTRIAN ACCESS AT ALL TIMES.
13. ALL EXISTING AND PROPOSED APPURTENANCES TO MEET FINAL GRADES.
14. ALL TRENCHING EXCAVATIONS AND BEDDING TO BE PER MMCD G4

**GENERAL NOTES:**

**DRAWING INFORMATION**  
DIMENSIONS ARE METRIC; MILLIMETERS ON DETAIL DRAWINGS; METERS ON 1:250 PLAN AND PROFILE, UNLESS OTHERWISE NOTED.

INFORMATION THAT IS PROVIDED IN OUR PLANS, DESIGNS, OR SPECIFICATIONS IS INTENDED TO INDICATE THE GENERAL ARRANGEMENT OF WORK TO BE CARRIED OUT. AS THE PROJECT PROGRESSES, THE DEGREE OF DETAIL THAT IS PROVIDED MAY REQUIRE ADDITIONS OR DELETIONS.

EXISTING SERVICE INFORMATION WITHIN AREAS OF CONSTRUCTION MAY HAVE BEEN SUPPLIED BY OTHERS AND ARE APPROXIMATE ONLY. ADDITIONAL SERVICES MAY BE PRESENT BUT NOT INDICATED ON THESE DRAWINGS.

EXISTING SERVICES TO BE VERIFIED OR EXPOSED IN FIELD. CONTACT ENGINEER IF THERE ARE ANY CONFLICTS. ALL ALTERNATE DESIGNS ARE TO BE SUBMITTED THROUGH CONSULTING ENGINEER.

**GENERAL REQUIREMENTS**  
REFER TO KYLE ENGINEERING'S "STATEMENT OF CONDITIONS" FOR ADDITIONAL INFORMATION AS TO THE USE OF THESE DOCUMENTS AND CONSTRUCTION OF THE WORKS.

REFER TO DISTRICT STANDARD DRAWINGS AND SPECIFICATIONS AND PERMITS, MASTER MUNICIPAL CONSTRUCTION DOCUMENTS, LATEST EDITION, BC HYDRO, TELUS, SHAW AND FORTIS GAS DRAWINGS AND SPECIFICATIONS, AND OTHER AGENCIES/ SUB-CONSULTANTS DRAWINGS AND SPECIFICATIONS FOR INFORMATION NOT COVERED ON THESE DRAWINGS.

ALL OTHER CONSTRUCTION, MATERIAL AND INSTALLATION OF SERVICES NOT COVERED SPECIFICALLY BY THE BC BUILDING CODE, BC ELECTRICAL CODE, OR BY OTHER BYLAWS OR SPECIFICATIONS SHALL BE IN GENERAL CONFORMANCE WITH THE MASTER MMCD SPECIFICATIONS/STANDARD DETAIL DRAWINGS, AND ADDENDUMS.

UNLESS OTHERWISE SPECIFIED HEREIN, ALL WORK WITHIN PRIVATE PROPERTY AND EASEMENTS TO BE INSTALLED IN ACCORDANCE WITH THE BC BUILDING CODE AND INSPECTED BY THE MUNICIPAL WORKS INSPECTOR.

**USE OF INFORMATION**  
THIS DOCUMENT MAY NOT BE USED, COPIED OR SHARED WITHOUT THE EXPRESS WRITTEN AUTHORITY OF KYLE ENGINEERING AND AT NO TIME MAY IT BE USED OR REFERENCED IN ANY FORM FOR ANY LEGAL INSTRUMENT.

**COORDINATION REQUIREMENTS**  
**COMMUNICATION AND REPORTING**  
CONTACT BC ONE-CALL PRIOR TO CONSTRUCTION FOR SERVICES LOCATE. 1-800-474-6886

THE CONTRACTOR IS TO COORDINATE AND COMMUNICATE WITH THE ENGINEER, ALL UTILITIES, AND AUTHORITIES HAVING JURISDICTION, WELL IN ADVANCE (2-WORKING DAYS MINIMUM) OF THE START OF ANY EXCAVATION AND COMMENCEMENT OF EACH PHASE OF CONSTRUCTION.

THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL SUB-CONSULTANTS, CONTRACTORS AND TRADES REQUIRED FOR THE COMPLETION OF THE WORKS.

THE CONTRACTOR SHALL PROVIDE THE REQUIRED QUALITY CONTROL AND CONFORMANCE TESTING REPORTS TO THE ENGINEER AT THE COMPLETION OF EACH PHASE OF THE WORK. ENGINEER WILL THEN SEND RELATED DOCUMENTATION TO DISTRICT WITH REGARDS TO ITS INFRASTRUCTURE.

**PERMITS**  
A TREE BYLAW PERMIT IS TO BE OBTAINED PRIOR TO ANY SITE ACTIVITIES.

A PERMIT TO CONSTRUCT WORKS ON A MUNICIPAL ROAD ALLOWANCE MUST BE OBTAINED BEFORE WORKS COMMENCE.

A PERMIT TO CROSS OR WORK NEAR FORTIS GAS PIPELINE IS REQUIRED. CONTACT 1-877-599-0986

**NOTIFICATION**  
WHEN GIVING ADVANCE NOTIFICATION, THE CONTRACTOR SHALL TAKE INTO CONSIDERATION THE SCHEDULING DEMAND AND PRIOR COMMITMENTS OF ALL PARTIES.

FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN DELAYS, REJECTION OF THE WORK, OR EXPENSIVE TESTING TO PROVE COMPLIANCE.

IN THE EVENT THAT THE CONTRACTOR IS NOT PROVIDING HIS OWN CONSTRUCTION LAYOUT, THE ENGINEER IS TO BE NOTIFIED BY EMAIL OR OTHERWISE IN WRITING AT LEAST 5 DAYS BEFORE ANY CONSTRUCTION LAYOUT IS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF CONDITIONS ARE NOT FAVORABLE TO THE ACHIEVEMENT OF THE DESIGN INTENT.

**CHANGE REQUESTS**  
CONTRACTOR REQUESTED CONSTRUCTION CHANGES MUST BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION. DISTRICT TO BE ENGAGED FOR CHANGES RELATED TO DISTRICT OWNED INFRASTRUCTURE.

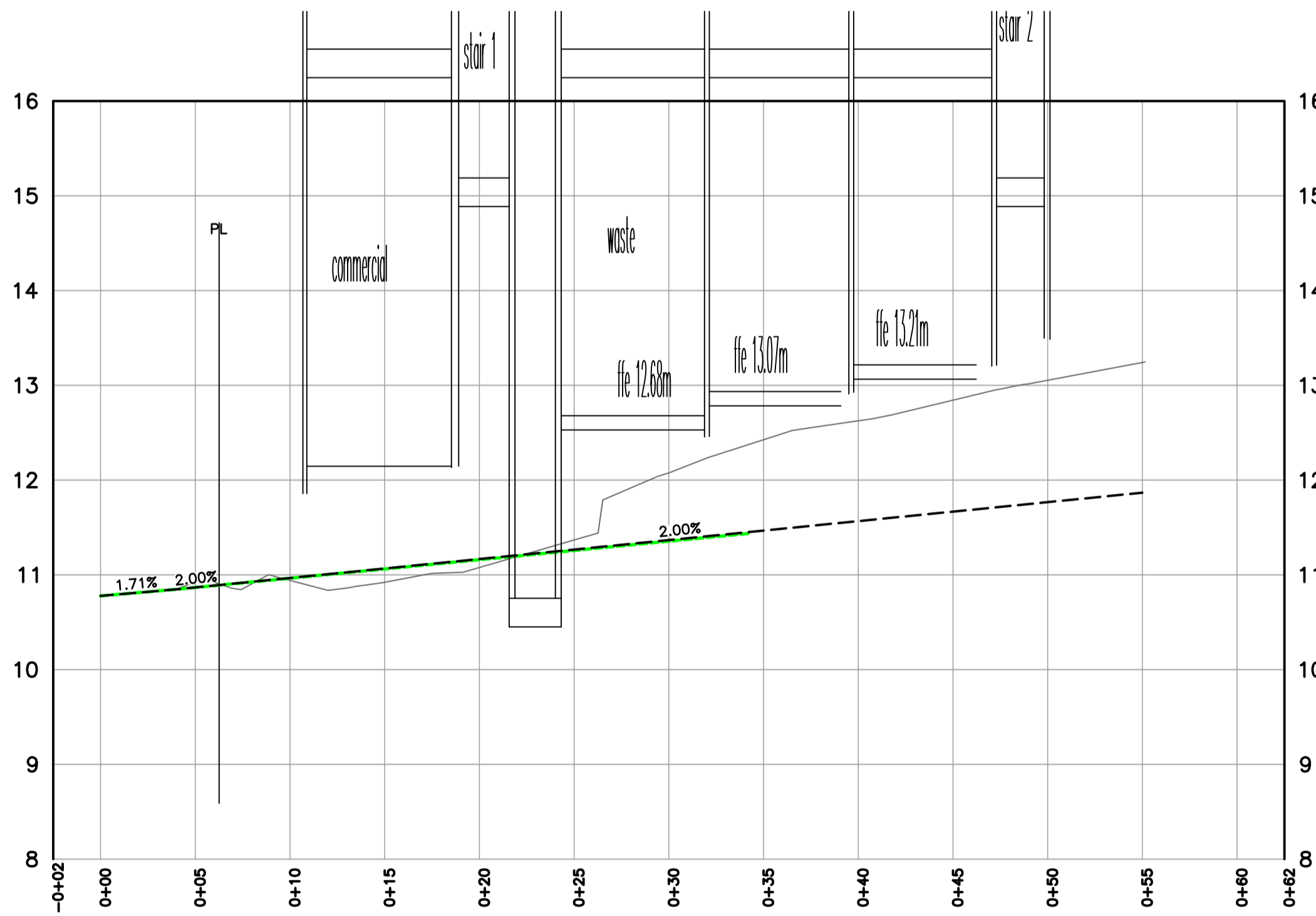
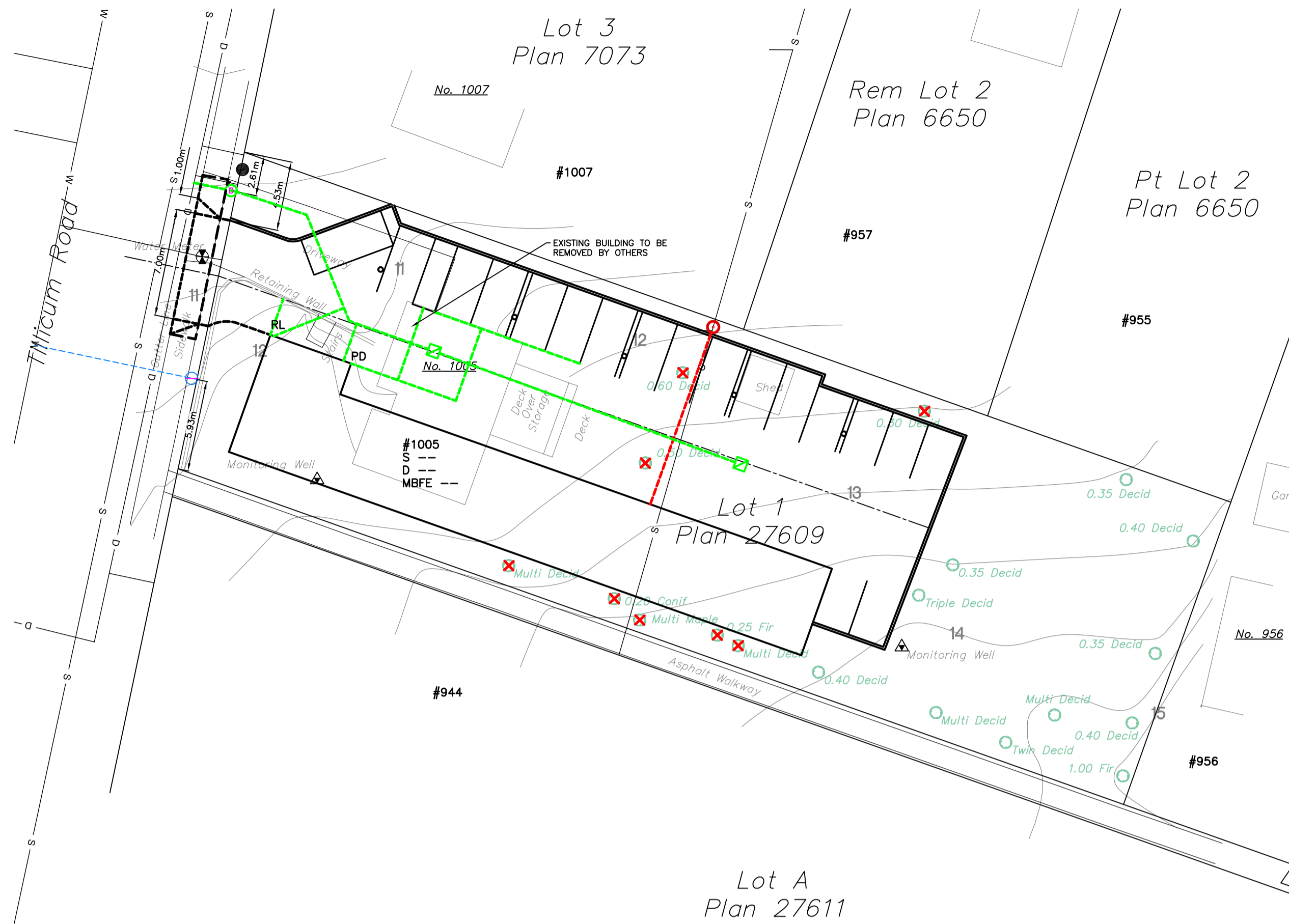
**TESTING REQUIREMENTS**  
CONFORMANCE TESTING IS TO BE PROVIDED BY THE CONTRACTORS TESTING ENGINEER FOR ALL ROAD CROSSINGS, ROAD BASE, SUBGRADE, CONCRETE, AND PAVING CONSTRUCTION MATERIALS AND AS OTHERWISE REQUIRED BY DISTRICT OR THE ENGINEER.

ALL TESTING IS TO BE PROVIDED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.

**MISCELLANEOUS**  
ALL PUBLIC ROADS ARE TO BE MAINTAINED MUD AND DUST FREE DURING CONSTRUCTION.

ALL LANDSCAPING AND STRUCTURES TO BE REINSTATED TO ORIGINAL CONDITION OR BETTER.

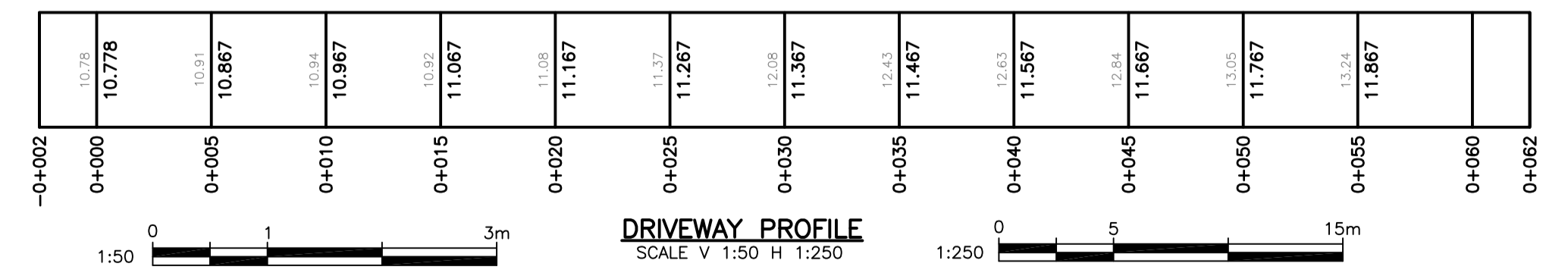
PAVEMENT RESTORATION FOR RESIDENTIAL ROADS TO BE PER SAANICH STD DWGS



**SITE PLAN**  
1:250

**DETAILED CONSTRUCTION NOTES:**

1. INSTALL NEW 1050mm MANHOLE AS SHOWN ON EXISTING SEWER MAIN. DECOMMISSION SEWER PIPE TO THE SOUTH AND INSTALL NEW 150mm PVC CONNECTION AS SHOWN BY CONTRACTOR AT APPLICANTS EXPENSE.
2. CAP EXISTING STORM CONNECTION AT PROPERTY LINE BY CONTRACTOR AT APPLICANTS EXPENSE.
3. NEW 150mm STORM CONNECTION AND IC BY CONTRACTOR AT APPLICANTS EXPENSE.
4. NEW WATER CONNECTION AND METER BY CITY OF VICTORIA AT APPLICANTS EXPENSE.
5. PROPOSED DRIVEWAY (FLARES AT ROAD EDGE TO BE 1.0m WIDE) AS PER TOWN OF ESQUIMALT SPECIFICATIONS R15.
6. REMOVE AND REPLACE EXISTING CURB WITH NMC AND DROPS AS PER TOWN OF ESQUIMALT SPECIFICATIONS R12.
7. REMOVE AND REPLACE EXISTING SIDEWALK AS SHOWN AS PER TOWN OF ESQUIMALT SPECIFICATIONS R13



PERMIT TO PRACTICE NUM: 1000348



**KEY PLAN - 1:2000**

FOR PROPOSED SERVICES OF  
LOT 1, SECTION 10, ESQUIMALT DISTRICT, PLAN 27609  
PID 002-145-073  
1005 TILlicUM ROAD

**KYLE ENGINEERING LTD**  
SUITE 1, 40 CADILLAC AVE, VICTORIA, BC, V8Z 1T2  
250 475 6906

CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES		LEGEND		REVISIONS		REVISIONS APPROVED		DESIGN APPROVED		TOWN OF ESQUIMALT		FILE No.	
THE LOCATION AND ELEVATION OF THE EXISTING UNDERGROUND INFRASTRUCTURE SHOWN ON THIS DRAWING MAY NOT BE ACCURATE OR COMPLETE. THE ACTUAL HORIZONTAL AND VERTICAL LOCATIONS MUST BE CONFIRMED PRIOR TO THE START OF ANY EXCAVATION.		Existing Municipal Infrastructure	Drain	Curb	Concrete Box	Valve	6	REVISION # 1	REVISION # 2	REVISION # 3	1005 TILlicUM ROAD		-
		Proposed Municipal Infrastructure	Ditch	Sidewalk	Wood Box	Flush Valve	5	Approved	Approved	Approved	WATER, SEWER, DRAIN AND ROAD		-
		Existing External U/G Utilities	Sewer	Manhole	Catch Basin	Hydrant	4	Date	Date	Date	B.M. : -		DESIGN No.
		Proposed External U/G Utilities	Water	Cleanout	Culvert	Reducer	3	Signed	Signed	Signed	Design: -		-
		Street Lighting Pole Mount	Traffic Sign	Silt Trap	Cap / Plug	Air Valve	2	Design Engineer	Design Engineer	Design Engineer	Drawn: ESK		-
		Post Top	Pedestrian Signal	Traffic Signal	Ctrl Monument	Traverse Hub	1	Manager of Development	Manager of Development	Manager of Development	Elev: -		-
								Development Coordinator	Development Coordinator	Development Coordinator	Checked: ESK		DRAWING No.
											Scale: Hor: 1:250 Vertical: 1:50		1 OF 1
											Date: NOV 2023		

THE TOWN OF ESQUIMALT: November 28, 2023 / U:\CS1400 Customer Files\2023\CV Chl\CV23-15 Tillicum - Aquinola\03 EN-CA\040 Internal Drawings\00 Current\CV23-15 231124\_Site Plan.dwg