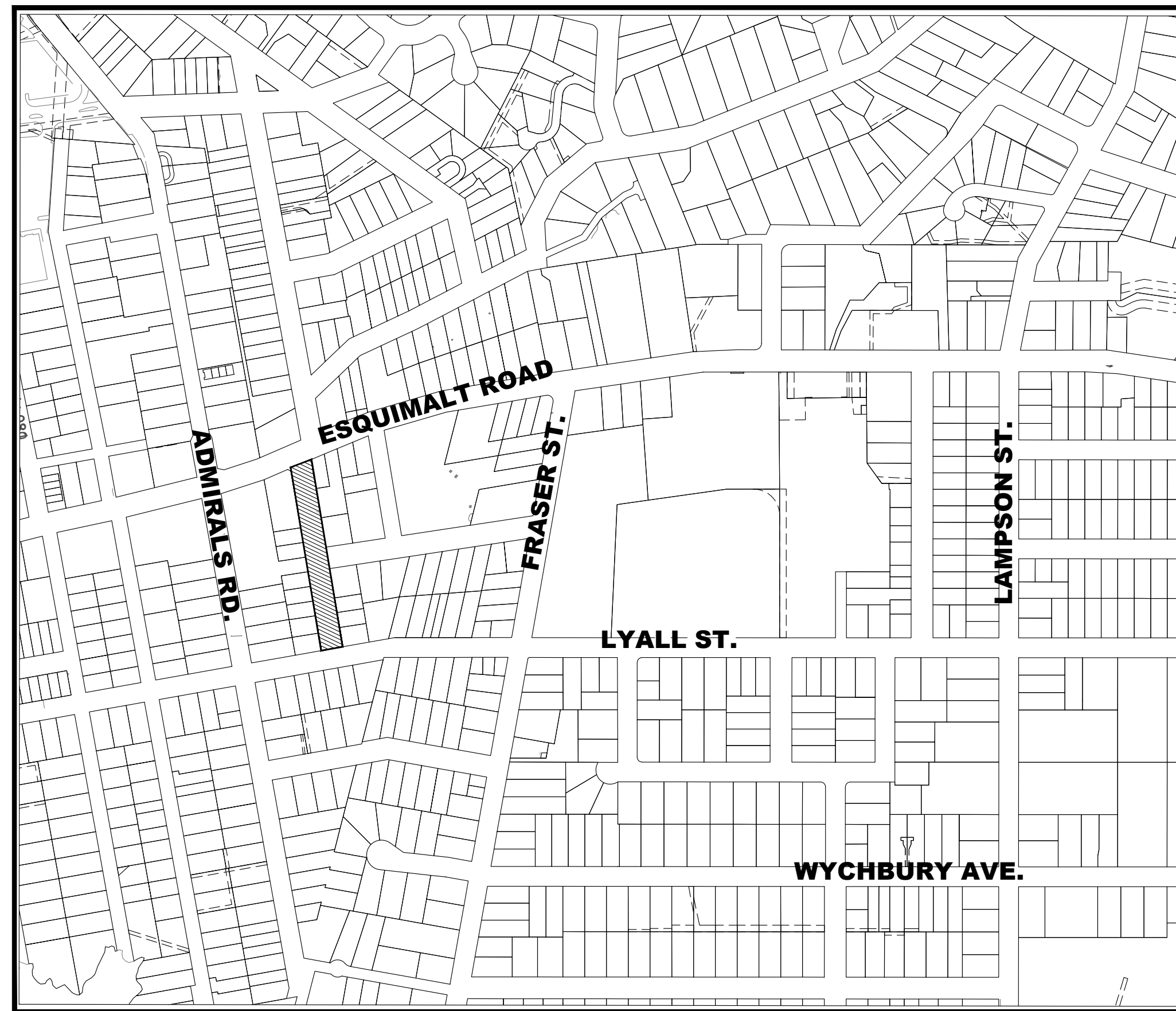


# COMERFORD ST. INVESTIGATIVE WORK

STA (2+267.00 - 2+973.60) - LYALL ST.



**LOCATION PLAN**

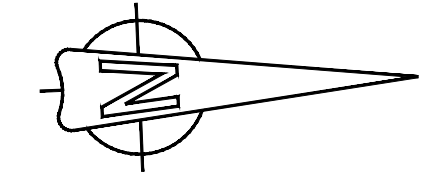
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### DRAWING INDEX

DRAWING No.	SHEET No.	DRAWING TITLE	REVISION No.
ESQ - M000	1	LOCATION PLAN	0
ESQ - M100	2	SEWER IDENTIFIER STA (1+000.40 - 1+100.00)	0
ESQ - M101	3	SEWER IDENTIFIER STA (1+100.00 - 1+189.30)	0
ESQ - M200	4	DRAIN IDENTIFIER STA (1+105.00 - 1+100.00)	0
ESQ - M201	5	DRAIN IDENTIFIER STA (1+100.00 - 1+046.40)	0
ESQ - M300	6	COMBINED UTILITIES STA (1+000.40 - 1+100.00)	0
ESQ - M301	7	COMBINED UTILITIES STA (1+100.00 - 1+189.30)	0

**DISCLAIMER:**  
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**LEGEND:**  
 SMH#### = IDENTIFIER CODE FOR SEWER MANHOLE STRUCTURE  
 SLC#### = IDENTIFIER CODE FOR SEWER SERVICE LATERAL CONNECTION  
 SGM#### = IDENTIFIER CODE FOR GRAVITY TYPE SEWER MAIN PIPE  
 SIC#### = IDENTIFIER CODE FOR SEWER INSPECTION CHAMBER  
 SCO#### = IDENTIFIER CODE FOR SEWER CLEAN-OUT



CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

LEGEND - Existing services shown solid	
CABLE —TV—	TEL POLE
DRAIN —D—	SEWER VENT
GAS —GAS—	WATER VALVE
GAS VALVE	WATER METER
SEWER —S—	WATER VALVE
WATER —W—	WATER VALVE
ELECTRICAL —E—	WATER VALVE

REVISIONS		REVISIONS APPROVED							
ISSUED FOR REVIEW	APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN

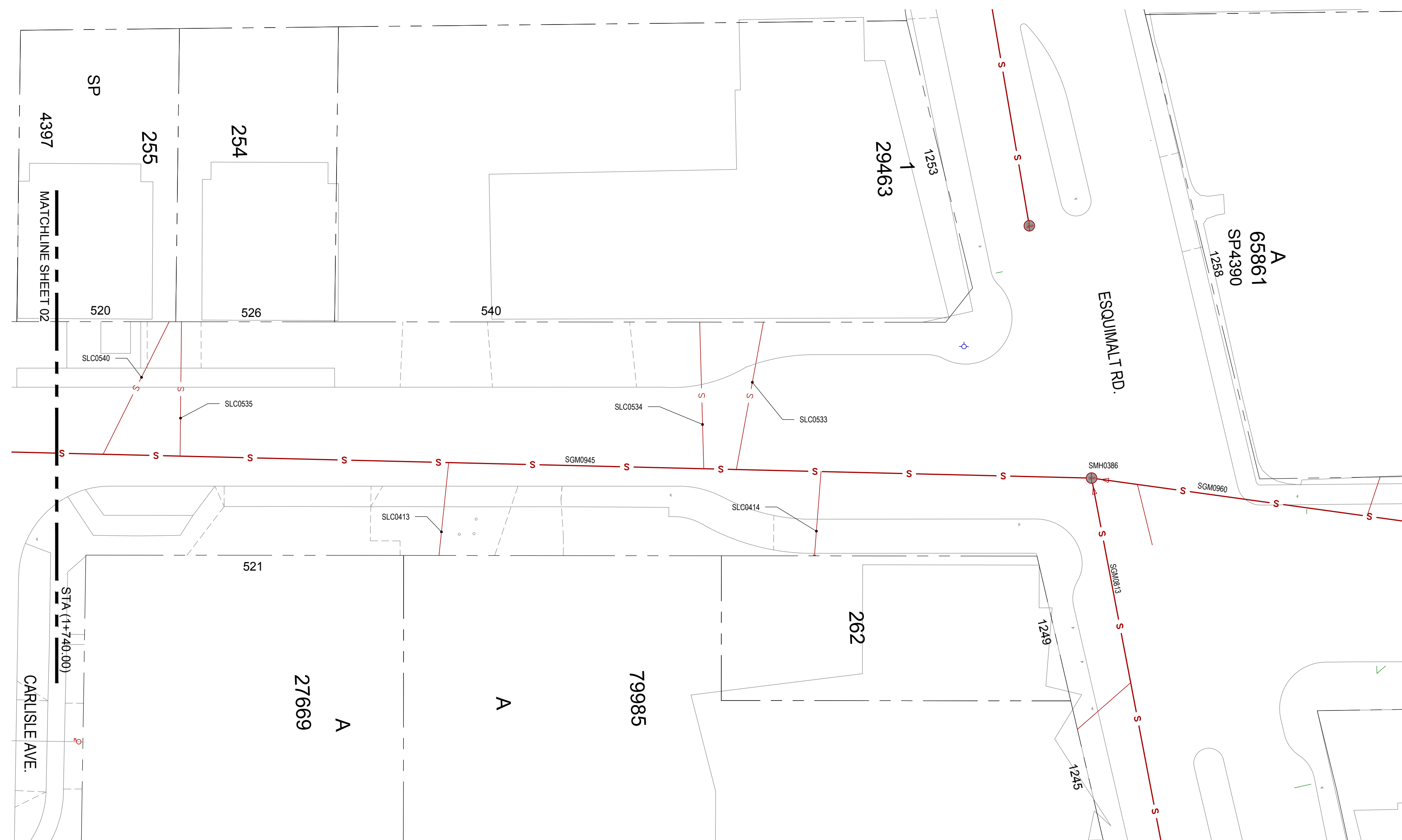
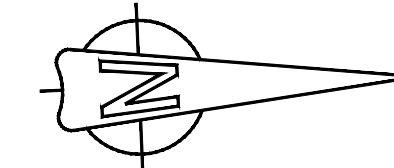
DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	COMERFORD ST. INVESTIGATIVE WORK		
DESIGN ENG.	17.02.10	WW	SEWER IDENTIFIER STA (1+000.40 - 1+100.00)		
ASSIST. ENG.			DESIGN	DFS	
MUNICIPAL ENG.			DRAWN	DFS	
			SURVEY	HH	
			DATE	2017.02.10	

DESIGN DWG. NO.	ESQ-M100
Sheet #	2

**DISCLAIMER:**  
 LOCATION OF UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED BY FIELD SURVEY AND BY USE OF A PIPE LOCATOR AND MANUAL DIGGING WHERE REQUIRED. EXISTING SERVICE LOCATIONS ARE SHOWN TO INDICATE THE EXISTENCE OF THE SPECIFIED SERVICE ONLY AND ARE NOT NECESSARILY COMPLETE OR SHOWN IN THE CORRECT LOCATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, VERIFY THE INVERT ELEVATIONS BY HAND EXCAVATION BEFORE CONSTRUCTION OF THE UTILITY CROSSING AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE AT CONTRACTOR'S COST

**LEGEND:**

- SMH#### = IDENTIFIER CODE FOR SEWER MANHOLE STRUCTURE
- SLC#### = IDENTIFIER CODE FOR SEWER SERVICE LATERAL CONNECTION
- SGM#### = IDENTIFIER CODE FOR GRAVITY TYPE SEWER MAIN PIPE
- SIC#### = IDENTIFIER CODE FOR SEWER INSPECTION CHAMBER
- SCO#### = IDENTIFIER CODE FOR SEWER CLEAN-OUT



CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

LEGEND - Existing services shown solid	
CABLE —TV—	TEL POLE T
DRAIN —D—	SURVEY MONUMENT ⊕
GAS —GAS—	IRON PIN IP
GAS VALVE ⊕	LEAD PLUG LP
SEWER —S—	TRAVERSE HUB
WATER —W—	P.K. NAIL PK
ELECTRICAL —E—	
SEWER MANHOLE ⊕	ELECTRIC POLE E
WATER VALVE X	TEL POLE T
FIRE HYDRANT ⊕	SURVEY MONUMENT ⊕
SEWER LAMPHOLE ⊕	IRON PIN IP
SEWER CLEANOUT SCO	LEAD PLUG LP
SEWER SNIFFER ⊕	TRAVERSE HUB
CATCH BASIN ⊕	P.K. NAIL PK
GAS SNIFFER ⊕	
GAS METER ⊕	
SEWER VENT S	
DRAIN CLEANOUT DCO	
STREET LIGHT ⊕	
WATER METER ⊕	
SERVICE VALVE S	

REVISIONS	
ISSUED FOR REVIEW	

REVISIONS APPROVED								
REVISION 1	REVISION 2	REVISION 3						
APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

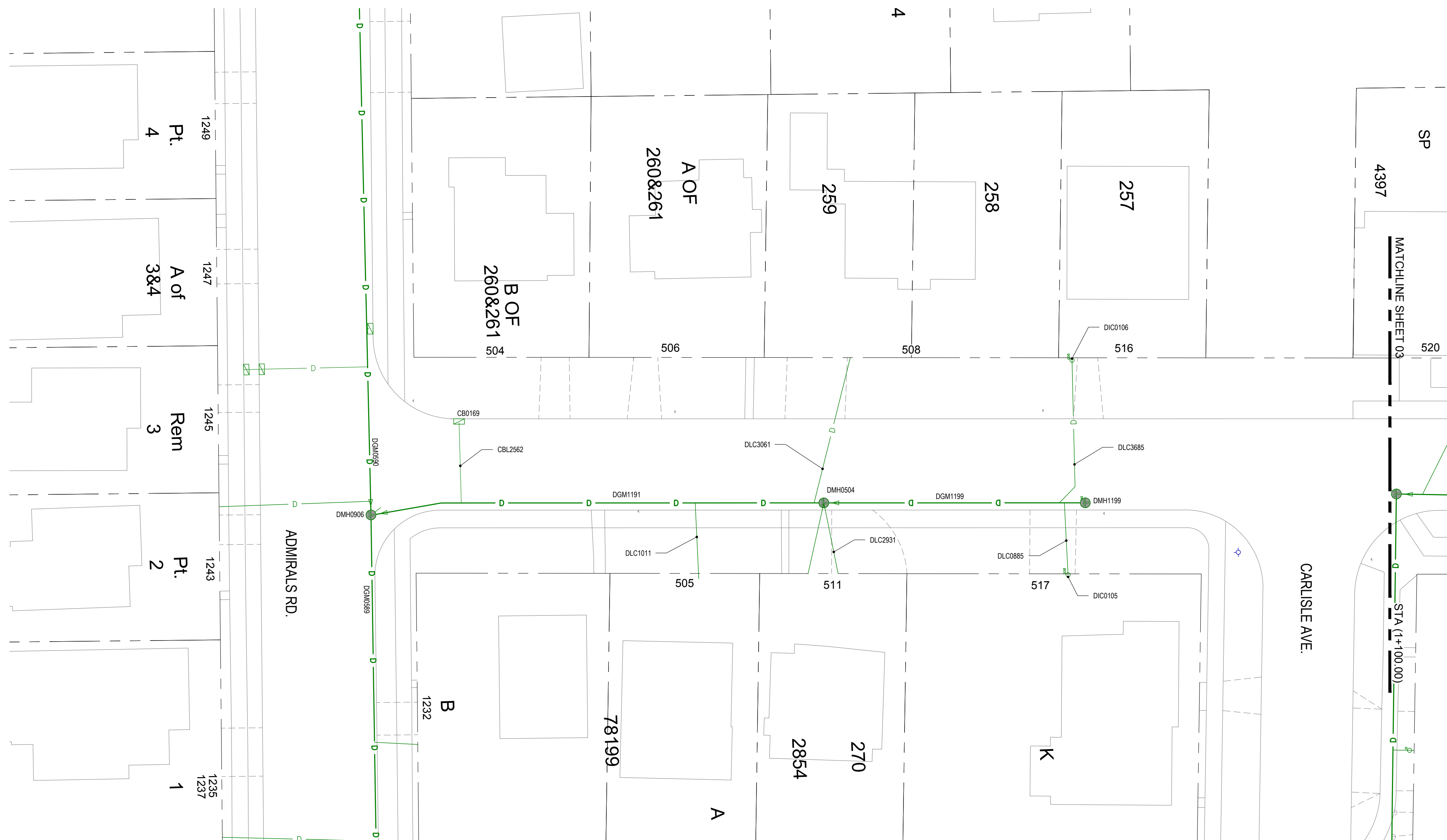
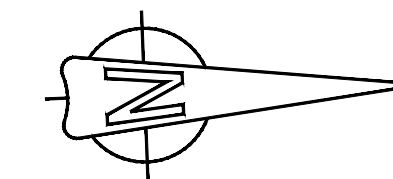
TOWNSHIP OF ESQUIMALT		
LYALL ST. INVESTIGATIVE WORK		
SEWER IDENTIFIER STA (1+100 - 1+189.30)		
DESIGN	EFS	HH
DRAWN	EFS	HH
SURVEY	HH	HH
DATE	2017.02.10	
SCALES:	H=1:250	

DESIGN DWG. NO.	ESQ-M101
Sheet #	3

**DISCLAIMER:**  
 LOCATION OF UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED BY FIELD SURVEY AND BY USE OF A PIPE LOCATOR AND MANUAL DIGGING WHERE REQUIRED. EXISTING SERVICE LOCATIONS ARE SHOWN TO INDICATE THE EXISTENCE OF THE SPECIFIED SERVICE ONLY AND ARE NOT NECESSARILY COMPLETE OR SHOWN IN THE CORRECT LOCATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, VERIFY THE INVERT ELEVATIONS BY HAND EXCAVATION BEFORE CONSTRUCTION OF THE UTILITY CROSSING AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION FROM DAMAGE AT CONTRACTOR'S COST

**LEGEND:**

- DMH#### = IDENTIFIER CODE FOR DRAIN MANHOLE STRUCTURE
- DGM#### = IDENTIFIER CODE FOR GRAVITY TYPE DRAIN MAIN PIPE
- DLC#### = IDENTIFIER CODE FOR DRAIN SERVICE LATERAL CONNECTION
- DIC#### = IDENTIFIER CODE FOR DRAIN INSPECTION CHAMBER
- CB##### = IDENTIFIER CODE FOR CATCH BASIN
- CBL#### = IDENTIFIER CODE FOR CATCH BASIN LEAD
- DCO#### = IDENTIFIER CODE FOR DRAIN CLEAN-OUT



CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

LEGEND - Existing services shown solid	
CABLE —TV—	SIDEWALK S/W TREE
DRAIN —D—	DRAIN MANHOLE
GAS —GAS—	CATCH BASIN
SEWER —S—	GAS VALVE
WATER —W—	SEWER MANHOLE
ELECTRICAL —E—	WATER VALVE
	FIRE HYDRANT
	WATER METER
	SEWER CLEANOUT
	SEWER VENT
	SERVICE VALVE
	TEL POLE
	DRAIN VENT
	STREET LIGHT
	SEWER VENT
	TRaverse HUB
	P.K. NAIL
	SURVEY MONUMENT
	IRON PIN
	LEAD PLUG
	TRAVERSE HUB
	P.K. NAIL

REVISIONS	
ISSUED FOR REVIEW	

REVISIONS APPROVED								
REVISION 1			REVISION 2			REVISION 3		
APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.02.10	WW
DESIGN ENG.		
ASSIST.ENG		
MUNICIPAL ENG.		

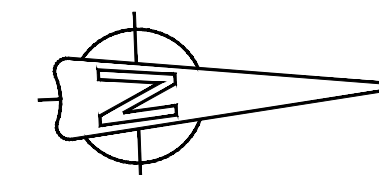
TOWNSHIP OF ESQUIMALT			
COMERFORD ST. INVESTIGATIVE WORK			
DRAIN IDENTIFIER STA (1+005.20 - 1+100.00)			
CONTROL MONUMENTS			
DESIGN	EFS	DRAWN	EFS
DATE	2017.02.10	SURVEY	HH
SCALE:	H=1:250	DATE	2017.02.10

DESIGN DWG. NO.	ESQ-M200
Sheet #	4

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**LEGEND:**

- DMH#### = IDENTIFIER CODE FOR DRAIN MANHOLE STRUCTURE
- DGM#### = IDENTIFIER CODE FOR GRAVITY TYPE DRAIN MAIN PIPE
- DLC#### = IDENTIFIER CODE FOR DRAIN SERVICE LATERAL CONNECTION
- DIC#### = IDENTIFIER CODE FOR DRAIN INSPECTION CHAMBER
- CB#### = IDENTIFIER CODE FOR CATCH BASIN
- CBL#### = IDENTIFIER CODE FOR CATCH BASIN LEAD
- DCO#### = IDENTIFIER CODE FOR DRAIN CLEAN-OUT



CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

LEGEND - Existing services shown solid					
CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL POLE T	SURVEY MONUMENT
DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT DCO	DRAIN VENT DV	IRON PIN IP
GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG LP
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT SCO	SEWER VENT SV	TRAVERSE HUB TH
WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL PK

REVISIONS	
ISSUED FOR REVIEW	

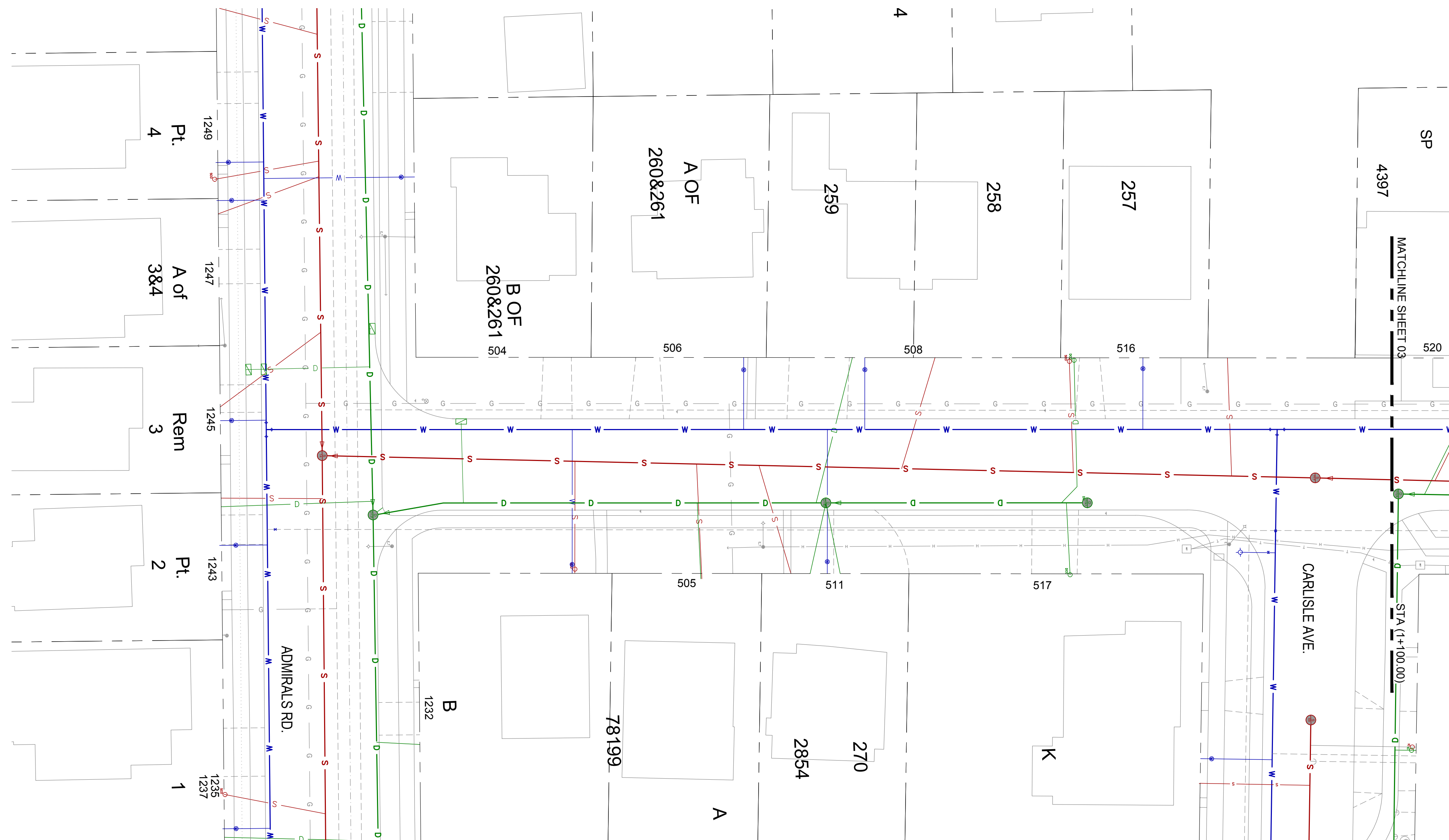
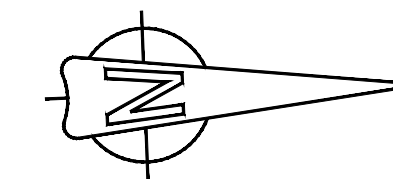
REVISIONS APPROVED					
REVISION 1		REVISION 2		REVISION 3	
APP.	DATE	SIGN	APP.	DATE	SIGN

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
	17.02.10	WW
APPROVED BY		
DESIGN ENG.		
ASSIST.ENG		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT			
COMERFORD ST. INVESTIGATIVE WORK			
DRAIN IDENTIFIER STA (1+100.00 - 1+046.40)			
CONTROL MONUMENTS			
DESIGN	EFS	DRAWN	EFS
SURVEY	HH	DATE	2017.02.10
SCALES: H=1:250			

DESIGN DWG. NO.	ESQ-M201
Sheet #	5

**DISCLAIMER:**  
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CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

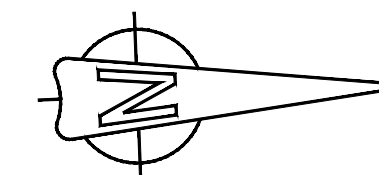
LEGEND - Existing services shown solid	
CABLE —TV—	SIDEWALK S/W TREE
DRAIN —D—	CATCH BASIN
GAS —GAS—	GAS SNIFFER
SEWER —S—	SEWER MANHOLE
WATER —W—	WATER VALVE
ELECTRICAL —E—	FIRE HYDRANT
ELECTRIC POLE	TEL POLE
DRAIN CLEANOUT	DRAIN VENT
GAS METER	STREET LIGHT
SEWER CLEANOUT	SEWER VENT
WATER METER	SERVICE VALVE
TEL POLE	SURVEY MONUMENT
IRON PIN	LEAD PLUG
TRaverse HUB	P.K. NAIL

REVISIONS		REVISIONS APPROVED						DESIGN APPROVED		
ISSUED FOR REVIEW		REVISION 1		REVISION 2		REVISION 3		EXCEPTIONS	DATE	SIGN
		APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN
									17.02.10	WW

TOWNSHIP OF ESQUIMALT			
COMERFORD ST. INVESTIGATIVE WORK			
COMBINED UTILITIES STA (1+000.40 - 1+100.00)			
DESIGN	ENGINEER	DATE	SIGNATURE
DESIGN	ENGINEER	DATE	SIGNATURE
ASSIST. ENG.			
MUNICIPAL ENG.			
DESIGN	ENGINEER	DATE	SIGNATURE
SCALE:	H=1:250		

DESIGN	DWG. NO.	ESQ-M300
SHEET #		5

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**CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES**

LEGEND - Existing services shown solid					
CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL POLE T	SURVEY MONUMENT
DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT DCO	DRAIN VENT DV	IRON PIN IP
GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG LP
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT SCO	SEWER VENT SV	TRAVERSE HUB TH
WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL PK

REVISIONS
ISSUED FOR REVIEW

REVISIONS APPROVED								
REVISION 1			REVISION 2			REVISION 3		
APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT			
COMERFORD ST. INVESTIGATIVE WORK			
COMBINED UTILITIES STA (1+100.00 - 1+189.30)			
CONTROL MONUMENTS			
DESIGN EFS	DRAWN EFS	SURVEY HH	DATE 2017.02.10
SCALES: H=1:250			

DESIGN DWG. NO.	ESQ-M301
Sheet #	7