

# GRENVILLE AVE. INVESTIGATIVE WORK

STA (1+004.00 - 1+345.00)



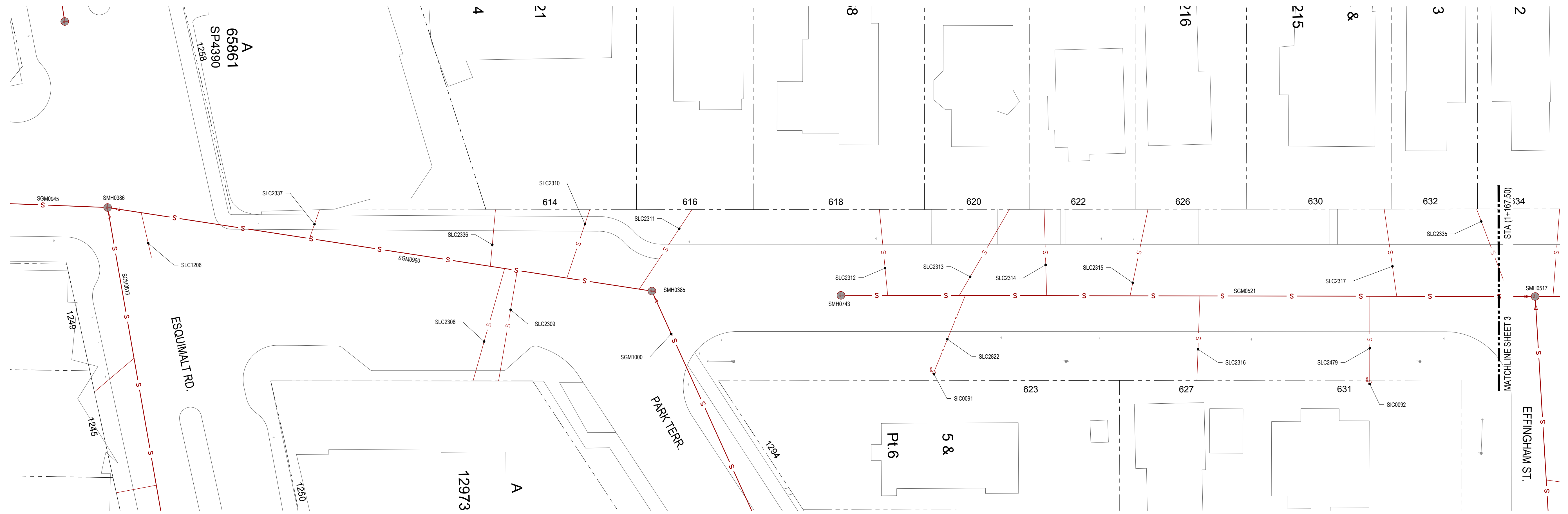
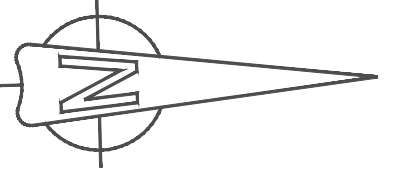
**LOCATION PLAN**

SCALE 1 : 4000



## DRAWING INDEX

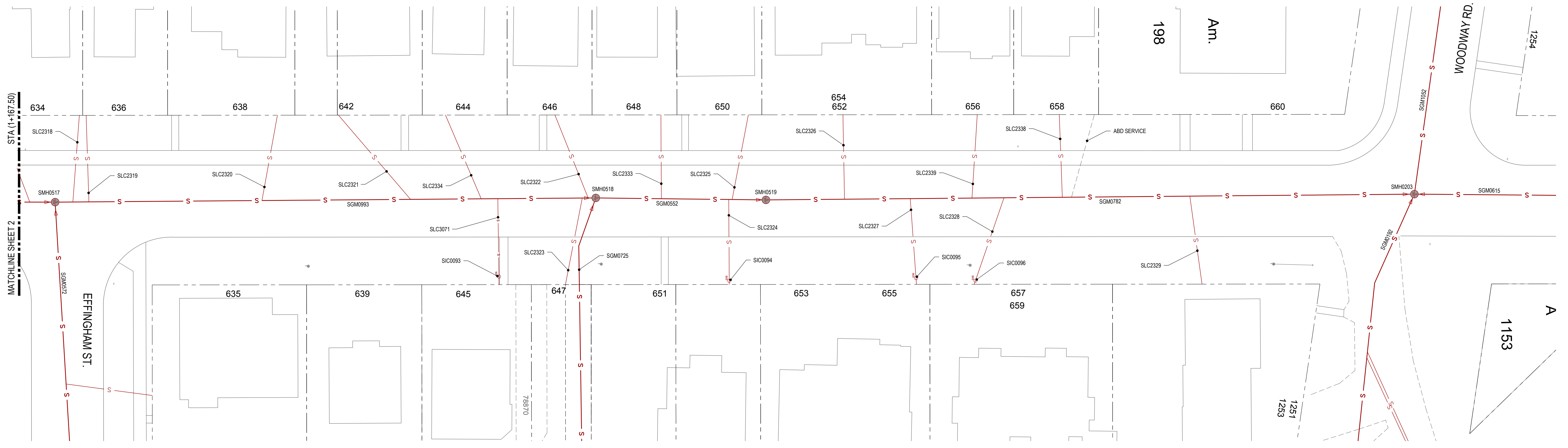
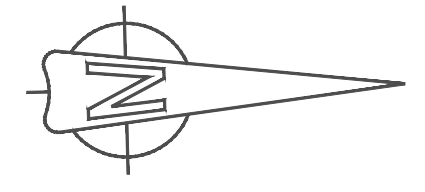
DRAWING No.	SHEET No.	DRAWING TITLE	REV. No.
ESQ - C000	1	LOCATION PLAN	0
ESQ - C100	2	SEWER IDENTIFIER STA (1+004.00 - 1+167.50)	0
ESQ - C101	3	SEWER IDENTIFIER STA (1+167.50 - 1+332.70)	0
ESQ - C200	4	DRAIN IDENTIFIER STA (1+016.20 - 1+167.50)	0
ESQ - C201	5	DRAIN IDENTIFIER STA (1+167.50 - 1+329.20)	0
ESQ - C300	6	COMBINED UTILITIES STA (1+004.00 - 1+167.50)	0
ESQ - C301	7	COMBINED UTILITIES STA (1+167.50 - 1+332.70)	0
ESQ - C400	8	ROAD CORRIDOR IDENTIFIER STA (1+021.50 - 1+167.50)	0
ESQ - C401	9	ROAD CORRIDOR IDENTIFIER STA (1+167.50 - 1+345.00)	0



**LEGEND:**  
 SM#### = 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

<b>CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES</b>	<b>LEGEND - Existing services shown solid</b>										<b>REVISIONS</b> DESCRIPTION ISSUED FOR REVIEW			<b>REVISIONS APPROVED</b>						<b>DESIGN APPROVED</b>			<b>TOWNSHIP OF ESQUIMALT</b>		PROJECT CODE NO.	EXX
	CABLE —TV—	SIDWALK S/W	TREE	ELECTRIC POLE e	TEL POLE	SURVEY MONUMENT	DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT				DRAIN VENT	IRON PIN	REVISION 1	REVISION 2	REVISION 3	EXCEPTIONS	DATE	SIGN	GRENVILLE AVE. INVESTIGATIVE WORK SEWER IDENTIFIER STA (1+004.00 - 1+167.50)		DESIGN DWG. NO.	ESQ-C100	
	GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG	SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT	SEWER VENT	TRAVERSE HUB	APP.	DATE	SIGN	APPROVED BY	17.04.07	JM	CONTROL MONUMENTS		Sheet #	2				
	WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL	WATER	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL	APP.	DATE	SIGN	ASSIST. ENG.	17.04.07	JM	DESIGN EFS	DRAWN EFS	SURVEY HH	DATE 17.XX.XX				

TOWNSHIP OF ESQUIMALT  
 GRENVILLE AVE. INVESTIGATIVE WORK  
 SEWER IDENTIFIER STA (1+004.00 - 1+167.50)  
 CONTROL MONUMENTS  
 DESIGN EFS  
 DRAWN EFS  
 SURVEY HH  
 DATE 17.XX.XX  
 SCALES: H = 250 V = 25



**LEGEND:**

- SM##### = 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

CONFIRM  
UNDERGROUND  
LOCATIONS WITH  
UTILITY COMPANIES

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

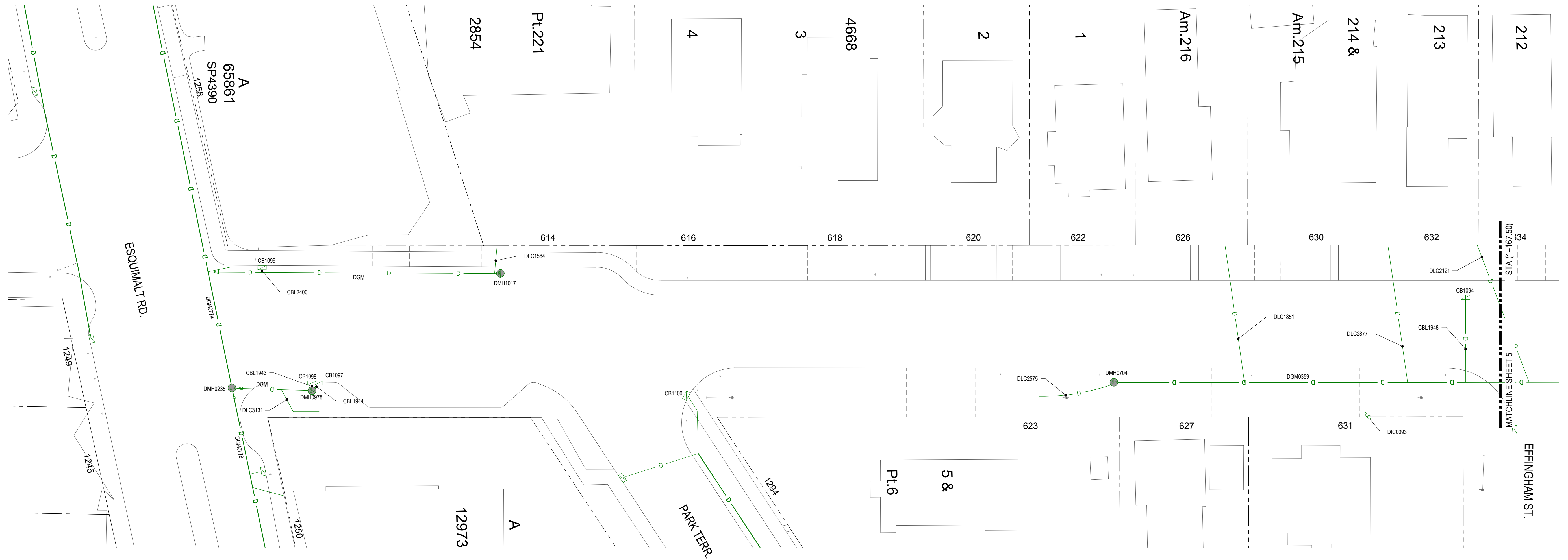
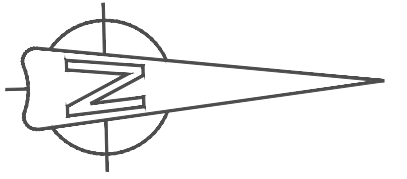
REVISIONS	REVISIONS APPROVED		
	REVISION 1	REVISION 2	REVISION 3
DESCRIPTION	APP.	DATE	SIGN
ISSUED FOR REVIEW			

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.04.07	WW
DESIGN ENG.	17.04.07	JM
ASSIST. ENG.		
MUNICIPAL ENG.	17.04.07	JM

**TOWNSHIP OF ESQUIMALT**  
**GRENVILLE AVE. INVESTIGATIVE WORK**  
**SEWER IDENTIFIER STA (1+167.50 - 1+175.70)**

PROJECT CODE NO.	EXX
DESIGN DWG. NO.	ESQ-C101
Sheet #	3

DESIGN EFS DRAWN EFS SURVEY HH  
 SCALES: H = 250 V = 25 DATE 17.XX.XX



**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  
 DNC### = IDENTIFIER CODE FOR TERMINAL END OF GRAVITY DRAIN PIPE WITHOUT MANHOLE/CLEAN-OUT  
 CB### = IDENTIFIER CODE FOR CATCH BASIN  
 CBL### = IDENTIFIER CODE FOR CATCH BASIN LEAD

CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

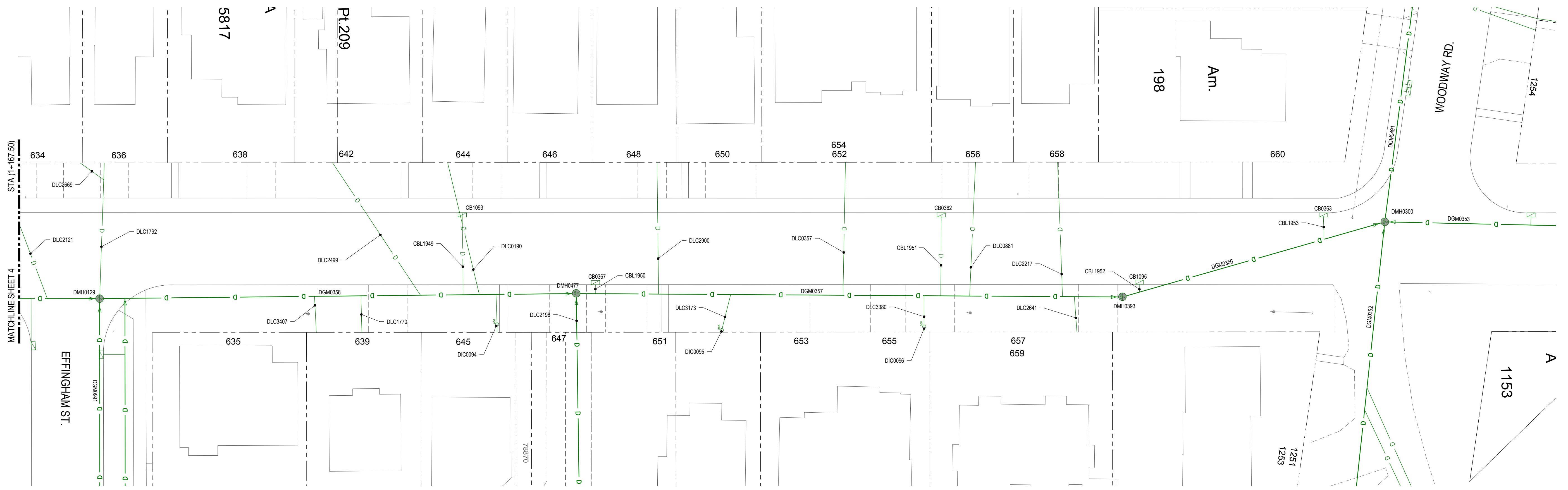
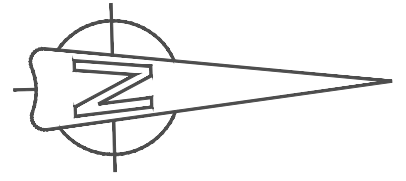
LEGEND - Existing services shown solid	
CABLE — TV —	SIDEWALK S/W
DRAIN — D —	TREE
GAS — GAS —	ELECTRIC POLE E
SEWER — S —	TEL POLE
WATER — W —	SURVEY MONUMENT
ELECTRICAL — E —	
	DRAIN MANHOLE
	CATCH BASIN
	DRAIN CLEANOUT
	DRAIN VENT
	IRON PIN
	GAS VALVE
	GAS SNIFFER
	GAS METER
	STREET LIGHT
	LEAD PLUG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

REVISIONS	REVISIONS APPROVED		
	REVISION 1	REVISION 2	REVISION 3
DESCRIPTION	APP.	DATE	SIGN.
ISSUED FOR REVIEW			

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN.
APPROVED BY	17.04.07	WW
DESIGN ENG.	17.04.07	JM
ASSIST. ENG.		
MUNICIPAL ENG.	17.04.07	JM

<b>TOWNSHIP OF ESQUIMALT</b>			
<b>GRENVILLE AVE. INVESTIGATIVE WORK</b>			
<b>DRAIN IDENTIFIER STA (1+016.00 - 1+175.50)</b>			
DESIGN	MONUMENTS		
DESIGN EFS	DRAWN EFS	SURVEY HH	
SCALES: H = 250 V = 25		DATE	17.XX.XX

PROJECT CODE NO.	EXX
DESIGN DWG. NO.	ESQ-C200
Sheet #	4



**LEGEND:**

SM##### = 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

CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

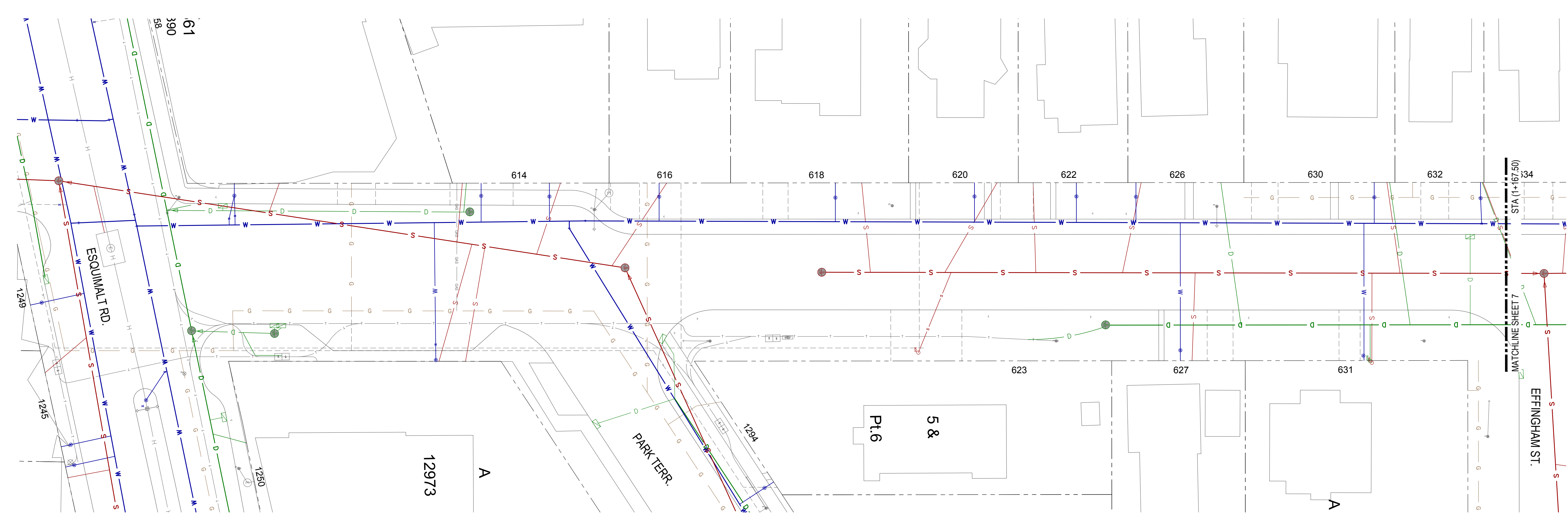
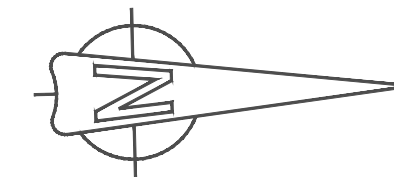
LEGEND - Existing services shown solid	
CABLE —TV—	SIDEWALK S/W
DRAIN —D—	TREE
GAS —GAS—	ELECTRIC POLE E
SEWER —S—	TEL POLE
WATER —W—	SURVEY MONUMENT
ELECTRICAL —E—	
	DRAIN MANHOLE
	CATCH BASIN
	DRAIN CLEANOUT
	DRAIN VENT
	IRON PIN
	STREET LIGHT
	LEAD PLUG
	SEWER MANHOLE
	SEWER LAMPHOLE
	SEWER CLEANOUT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

REVISIONS	REVISIONS APPROVED		
	REVISION 1	REVISION 2	REVISION 3
DESCRIPTION	APP.	DATE	SIGN.
ISSUED FOR REVIEW			

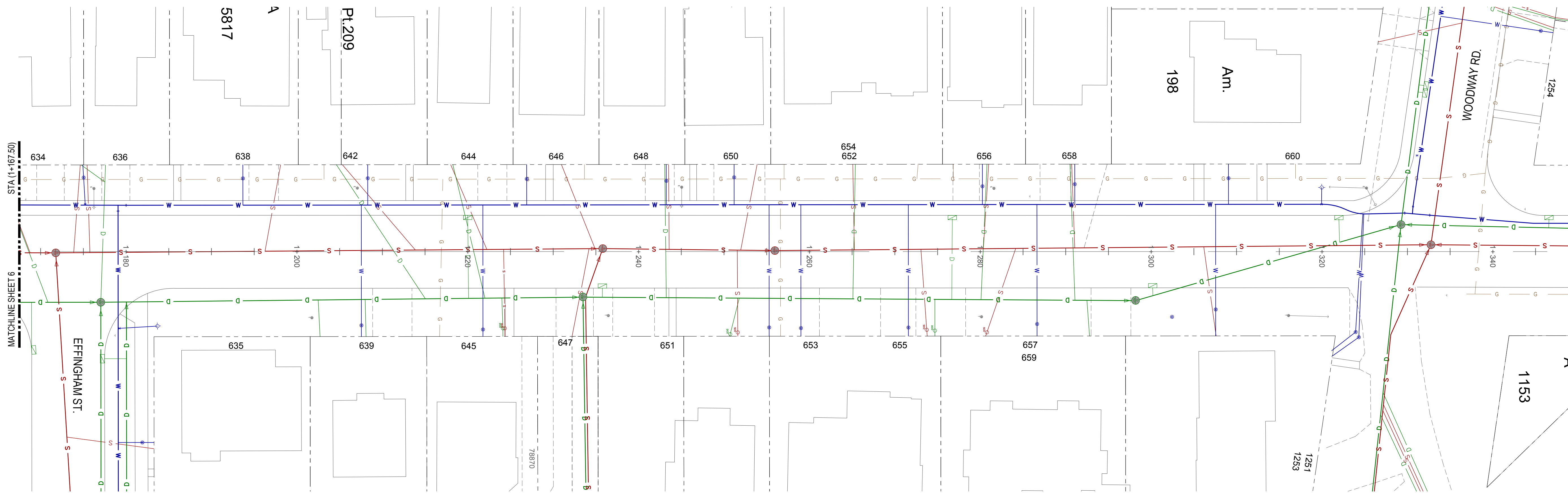
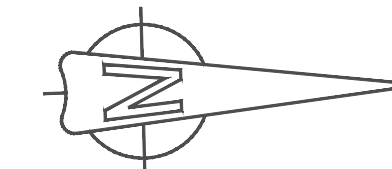
DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN.
APPROVED BY	17.04.07	WW
DESIGN ENG.	17.04.07	JM
ASSIST. ENG.		
MUNICIPAL ENG.	17.04.07	JM

**TOWNSHIP OF ESQUIMALT**  
 GRENVILLE AVE. INVESTIGATIVE WORK  
 DRAIN IDENTIFIER STA (1+167.50 - 1+329.20)  
 CONTROL MONUMENTS  
 DESIGN EFS DRAWN EFS SURVEY HH  
 SCALES: H = 250 V = 25 DATE 17.XX.XX

PROJECT CODE NO.	EXX
DESIGN DWG. NO.	ESQ-C201
Sheet #	5



<b>CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES</b>	<b>LEGEND - Existing services shown solid</b>										<b>REVISIONS</b>			<b>REVISIONS APPROVED</b>			<b>DESIGN APPROVED</b>			<b>TOWNSHIP OF ESQUIMALT</b>		PROJECT CODE NO.	EXX			
	CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE e	TEL POLE t	SURVEY MONUMENT	DESCRIPTION	APP.	DATE	SIGN.	APP.	DATE	SIGN.	APP.	DATE	SIGN.	EXCEPTIONS	DATE	SIGN.	<b>GRENVILLE AVE. INVESTIGATIVE WORK</b>		DESIGN DWG. NO.	ESQ-C300			
	DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT	DRAIN VENT	IRON PIN	ISSUED FOR REVIEW										APPROVED BY	17.04.07	WW	<b>COMBINED UTILITIES STA (1+004.00 - 1+167.50)</b>		Sheet #	6			
	GAS —G—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG											DESIGN ENG.	17.04.07	JM	DESIGN	EFS	DRAWN	EFS	SURVEY	HH	DATE
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT	SEWER VENT	TRAVERSE HUB											ASSIST. ENG.			SCALE:	H = 250	V = 25					
WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL											MUNICIPAL ENG.	17.04.07	JM								



**LEGEND:**

SM#### = 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

CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

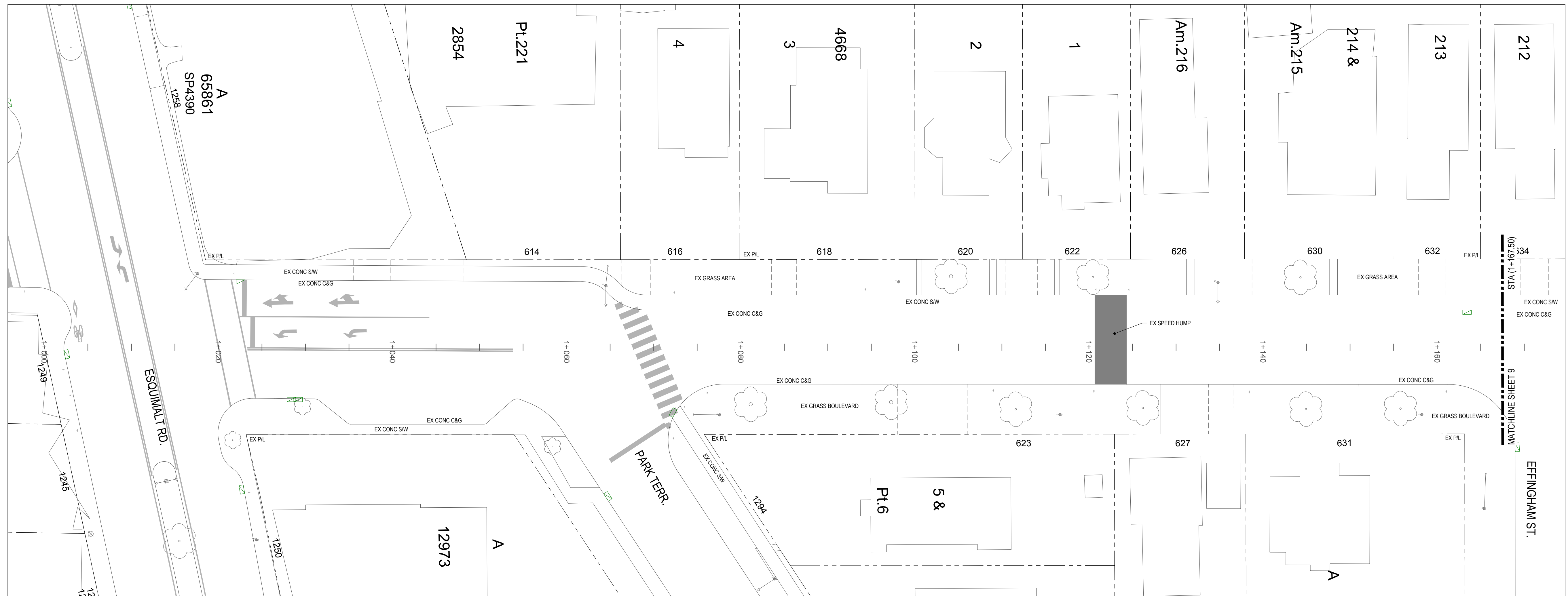
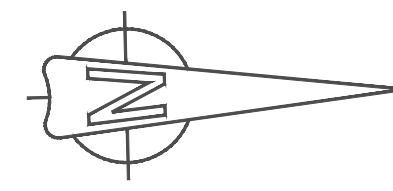
LEGEND - Existing services shown solid	
CABLE —TV—	SIDEWALK S/W
DRAIN —D—	TREE
GAS —GAS—	CATCH BASIN
SEWER —S—	GAS VALVE
WATER —W—	SEWER MANHOLE
ELECTRICAL —E—	WATER VALVE
ELECTRIC POLE	TEL POLE
TEL POLE	SURVEY MONUMENT
DRAIN CLEANOUT	DRAIN VENT
STREET LIGHT	IRON PIN
SEWER CLEANOUT	LEAD PLUG
SEWER VENT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

REVISIONS	REVISIONS APPROVED		
	REVISION 1	REVISION 2	REVISION 3
DESCRIPTION	APP.	DATE	SIGN
ISSUED FOR REVIEW			

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.04.07	WW
DESIGN ENG.	17.04.07	JM
ASSIST. ENG.		
MUNICIPAL ENG.	17.04.07	JM

**TOWNSHIP OF ESQUIMALT**  
 GRENVILLE AVE. INVESTIGATIVE WORK  
 COMBINED UTILITIES STA (1+167.50 - 1+332.80)  
 CONTROL MONUMENTS  
 DESIGN EFS DRAWN EFS SURVEY HH  
 SCALES: H = 250 V = 25 DATE 17.XX.XX

PROJECT CODE NO.	EXX
DESIGN DWG. NO.	ESQ-C301
Sheet #	7



CONFIRM  
UNDERGROUND  
LOCATIONS WITH  
UTILITY COMPANIES

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

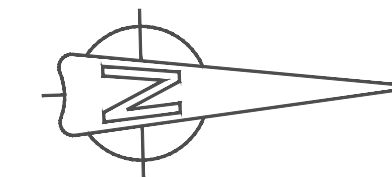
REVISIONS	REVISIONS APPROVED		
	REVISION 1	REVISION 2	REVISION 3
DESCRIPTION	APP.	DATE	SIGN.
ISSUED FOR REVIEW			

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN.
APPROVED BY	17.04.07	WW
DESIGN ENG.	17.04.07	JM
ASSIST. ENG.		
MUNICIPAL ENG.	17.04.07	JM

<b>TOWNSHIP OF ESQUIMALT</b>			
GRENVILLE AVE. INVESTIGATIVE WORK			
ROAD CORRIDOR IDENTIFIER STA (1+021.50 - 1+167.50)			
CONTROL MONUMENTS	DESIGN EFS	DRAWN EFS	SURVEY HH
SCALES: H=250 V=25	DATE 17.XX.XX		

PROJECT CODE NO.	EXX
DESIGN DWG. NO.	ESQ-C400
Sheet #	8





**LEGEND:**  
 SM#### = 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

<b>CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES</b>	<b>LEGEND - Existing services shown solid</b>										<b>REVISIONS</b>						<b>DESIGN APPROVED</b>			<b>TOWNSHIP OF ESQUIMALT</b>		<b>PROJECT CODE NO. EXX</b>				
	CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE e	TEL POLE	SURVEY MONUMENT	<b>ISSUED FOR REVIEW</b>						<b>REVISIONS APPROVED</b>			<b>DESIGN APPROVED</b>			<b>GRENVILLE AVE. INVESTIGATIVE WORK</b>		<b>DESIGN DWG. NO. ESQ-C401</b>					
	DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT	DRAIN VENT	IRON PIN							REVISION 1	REVISION 2		REVISION 3		EXCEPTIONS	DATE	SIGN	<b>ROAD CORRIDOR IDENTIFIER STA (1+167.50 - 1+345.00)</b>		<b>CONTROL MONUMENTS</b>			
	GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG							APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN	APPROVED BY	17.04.07	WW	DESIGN ENG.	17.04.07
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT	SEWER VENT	TRAVERSE HUB																ASSIST. ENG.			DESIGN EFS		DRAWN EFS
WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL										MUNICIPAL ENG.	17.04.07	JM	SCALES: H = 250	V = 25					Sheet #	9	