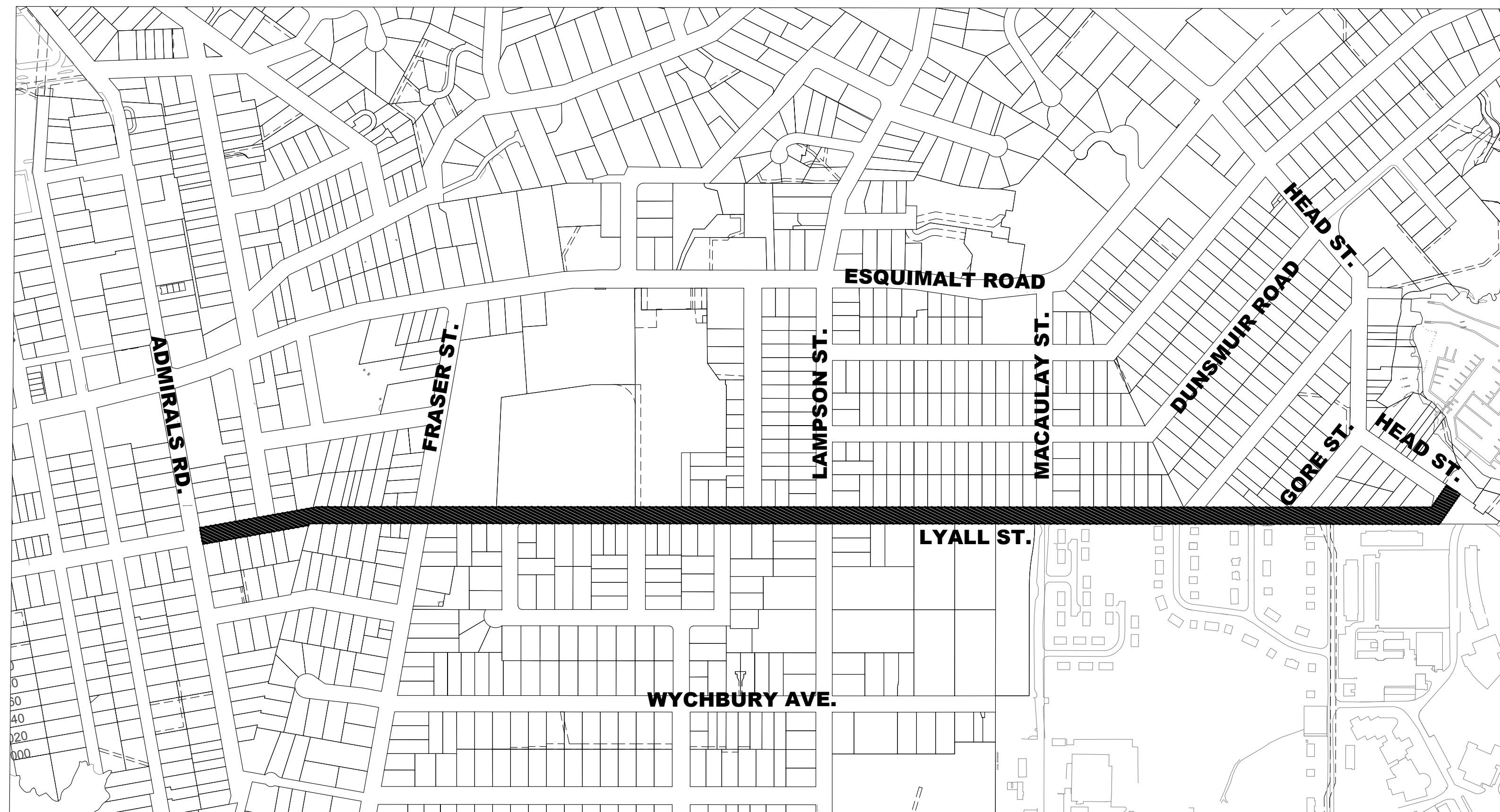


# LYALL & HEAD ST. INVESTIGATIVE WORK

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

STA (1+060.00 - 1+175.70) - HEAD ST.

STA (1+000.80 - 1+088.80) - GORE ST.



LOCATION PLAN

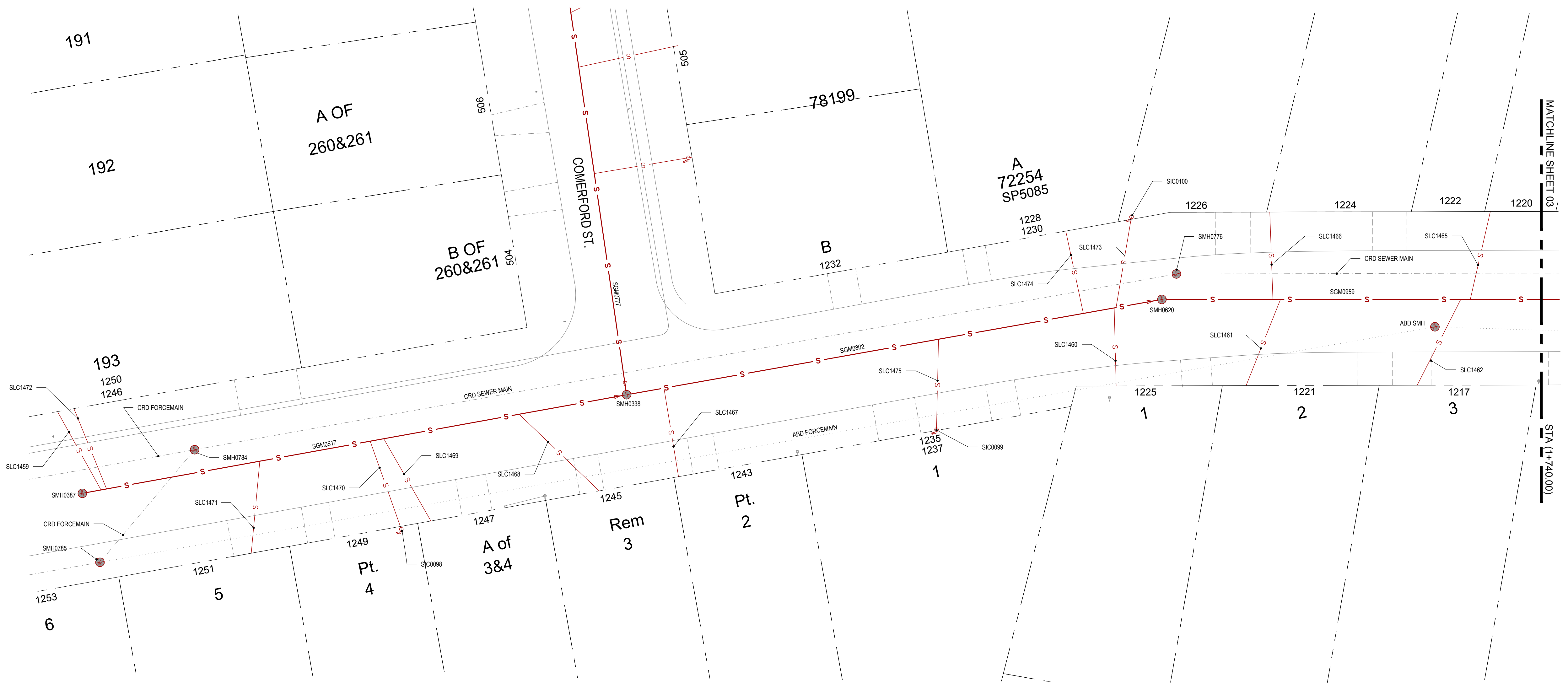
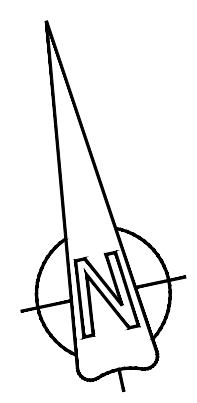
SCALE 1 : 4000

## DRAWING INDEX

DRAWING No.	SHEET No.	DRAWING TITLE	REVISION No.
ESQ - M000	1	LOCATION PLAN	0
ESQ - M100	2	SEWER IDENTIFIER STA (1+584.50 - 1+740.00)	0
ESQ - M101	3	SEWER IDENTIFIER STA (1+740.00 - 1+910.00)	0
ESQ - M102	4	SEWER IDENTIFIER STA (1+910.00 - 2+080.00)	0
ESQ - M103	5	SEWER IDENTIFIER STA (2+080.00 - 2+255.00)	0
ESQ - M104	6	SEWER IDENTIFIER STA (2+255.00 - 2+430.00)	0
ESQ - M105	7	SEWER IDENTIFIER STA (2+430.00 - 2+610.00)	0
ESQ - M106	8	SEWER IDENTIFIER STA (2+610.00 - 2+795.00)	0
ESQ - M107	9	SEWER IDENTIFIER STA (2+795.00 - 2+951.70) & STA (1+059.90-1+177.80)	0
ESQ - M200	10	DRAIN IDENTIFIER STA (1+565.40 - 1+740.00)	0
ESQ - M201	11	DRAIN IDENTIFIER STA (1+740.00 - 1+910.00)	0
ESQ - M202	12	DRAIN IDENTIFIER STA (1+910.00 - 2+080.00)	0
ESQ - M203	13	DRAIN IDENTIFIER STA (2+080.00 - 2+255.00)	0
ESQ - M204	14	DRAIN IDENTIFIER STA (2+255.00 - 2+430.00)	0
ESQ - M205	15	DRAIN IDENTIFIER STA (2+430.00 - 2+610.00)	0
ESQ - M206	16	DRAIN IDENTIFIER STA (2+610.00 - 2+790.00)	0
ESQ - M207	17	DRAIN IDENTIFIER STA (1+000.80 - 1+088.80) & STA (1+170.00 - 1+220.00)	0
ESQ - M300	18	COMBINED UTILITIES STA (1+565.40 - 1+740.00)	0
ESQ - M301	19	COMBINED UTILITIES STA (1+740.00 - 1+910.00)	0
ESQ - M302	20	COMBINED UTILITIES STA (1+910.00 - 2+080.00)	0
ESQ - M303	21	COMBINED UTILITIES STA (2+080.00 - 2+255.00)	0
ESQ - M304	22	COMBINED UTILITIES STA (2+255.00 - 2+430.00)	0
ESQ - M305	23	COMBINED UTILITIES STA (2+430.00 - 2+610.00)	0
ESQ - M306	24	COMBINED UTILITIES STA (2+610.00 - 2+795.00)	0
ESQ - M307	25	COMBINED UTILITIES STA (2+795.00 - 2+972.00) & STA (1+059.90 - 1+179.40)	0
ESQ - M308	26	COMBINED UTILITIES STA (1+179.40 - 1+206.50)	0

**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—	SIDEWALK S/W TREE
DRAIN —D—	ELECTRIC POLE E
GAS —GAS—	TEL POLE T
SEWER —S—	SURVEY MONUMENT
WATER —W—	DRAIN VENT DV
ELECTRICAL —E—	STREET LIGHT SL
	IRON PIN IP
	LEAD PLUG LP
	TRAVERSE HUB TH
	P.K. NAIL PK

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

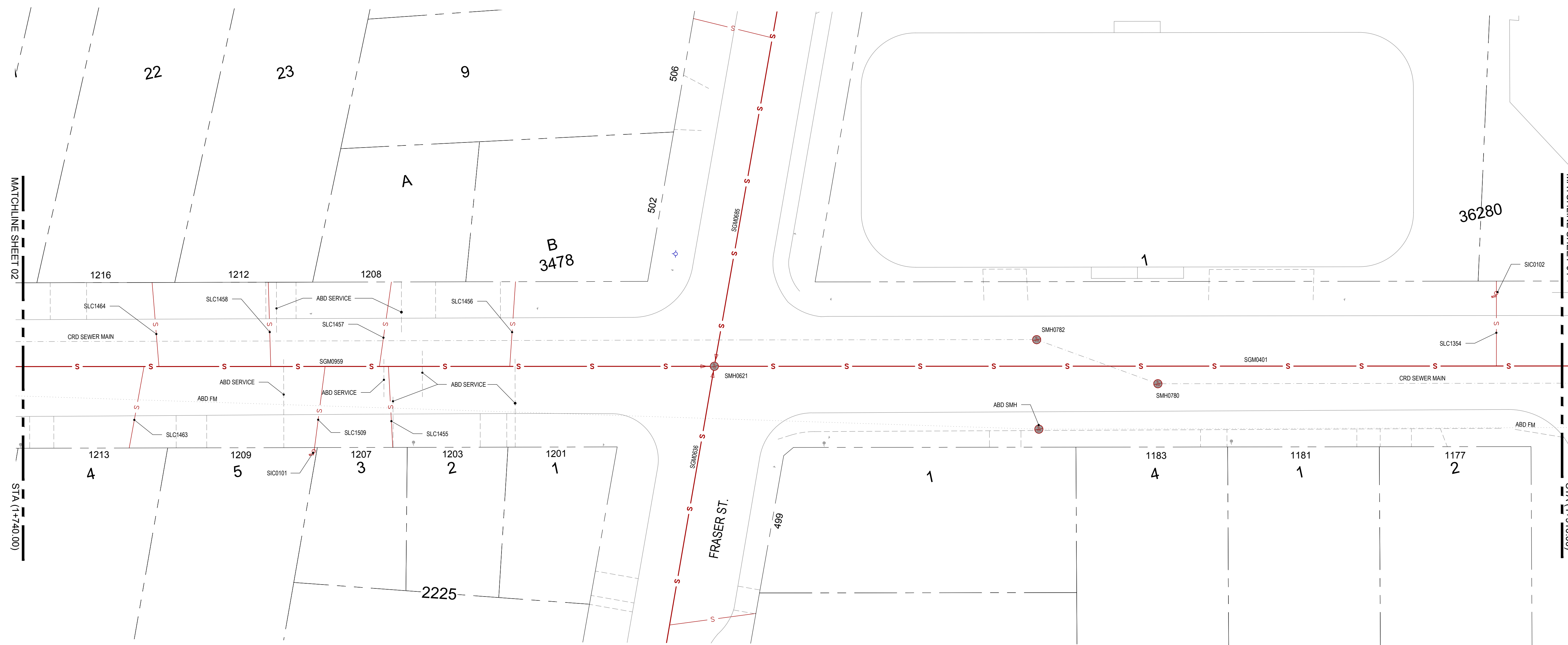
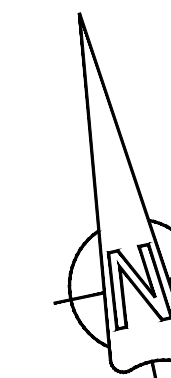
DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK		
APPROVED BY	17.02.10	WW	SEWER IDENTIFIER STA (1+584.50 - 1+740.00)		
DESIGN ENG.			CONTROL MONUMENTS		
ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
MUNICIPAL ENG.			SCALES: H=1:250	DATE	2017.02.10

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:**

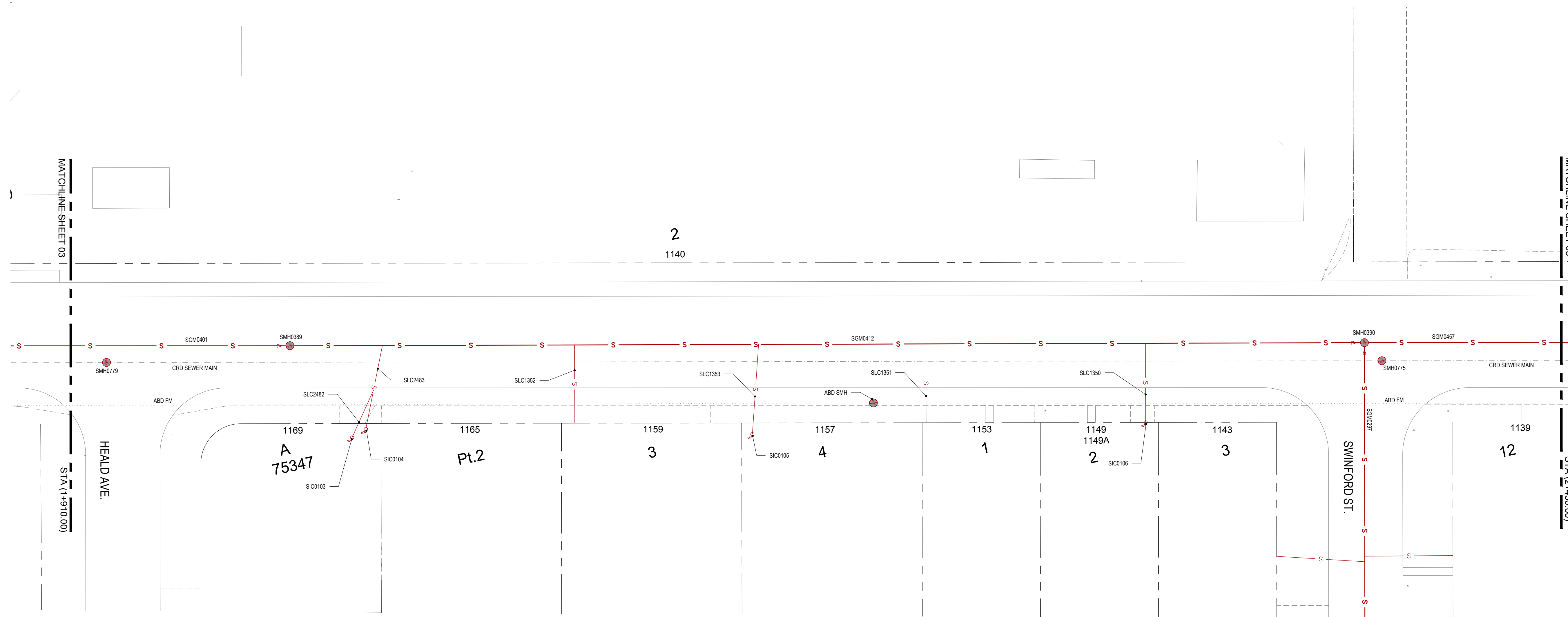
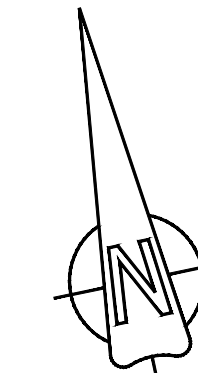
- SMH#### = IDENTIFIER CODE FOR SEWER MANHOLE STRUCTURE
- SLC#### = IDENTIFIER CODE FOR SEWER SERVICE LATERAL CONNECTION
- SGM#### = IDENTIFIER CODE FOR GRAVITY TYPE SEWER MAIN PIPE
- SIC#### = IDENTIFIER CODE FOR SEWER INSPECTION CHAMBER
- SCO#### = IDENTIFIER CODE FOR SEWER CLEAN-OUT



<b>CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES</b>	LEGEND - Existing services shown solid															REVISIONS			REVISIONS APPROVED									DESIGN APPROVED			<b>TOWNSHIP OF ESQUIMALT</b>				DESIGN DWG. NO. <b>ESQ-M101</b>  Sheet # <b>3</b>
																ISSUED FOR REVIEW												<b>LYALL ST. INVESTIGATIVE WORK</b> <b>SEWER IDENTIFIER STA (1+740.00 - 1+910.00)</b>							
																												CONTROL MONUMENTS DESIGN EFS    DRAWN EFS    SURVEY HH DATE 2017.02.10							
																												SCALES: H=1:250							

**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—	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
DESIGN BY	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

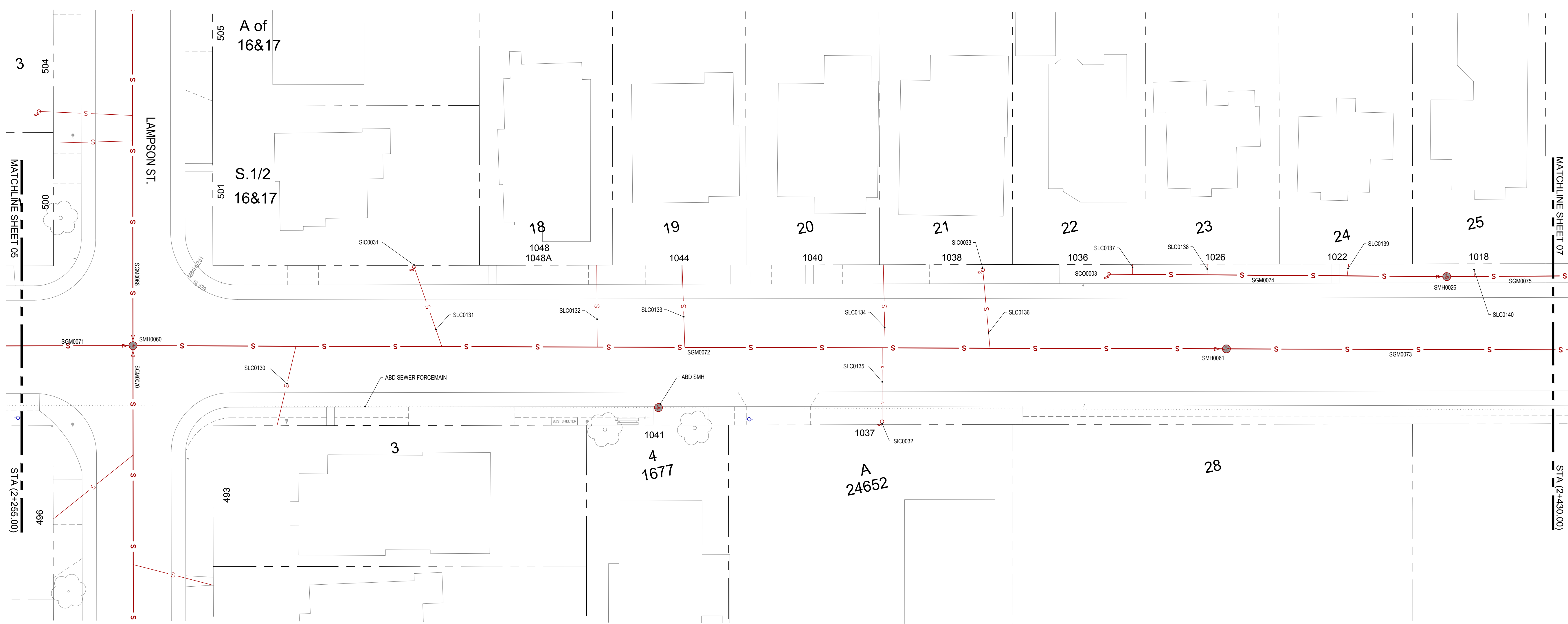
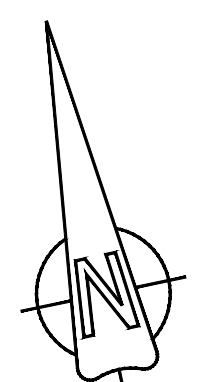
**TOWNSHIP OF ESQUIMALT**  
 LYALL ST. INVESTIGATIVE WORK  
 SEWER IDENTIFIER STA (1+910.00 - 2+080.00)  
 CONTROL MONUMENTS  
 DESIGN EFS    DRAWN EFS    SURVEY HH  
 SCALES: H=1:250    DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M102
Sheet #	4



**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—	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

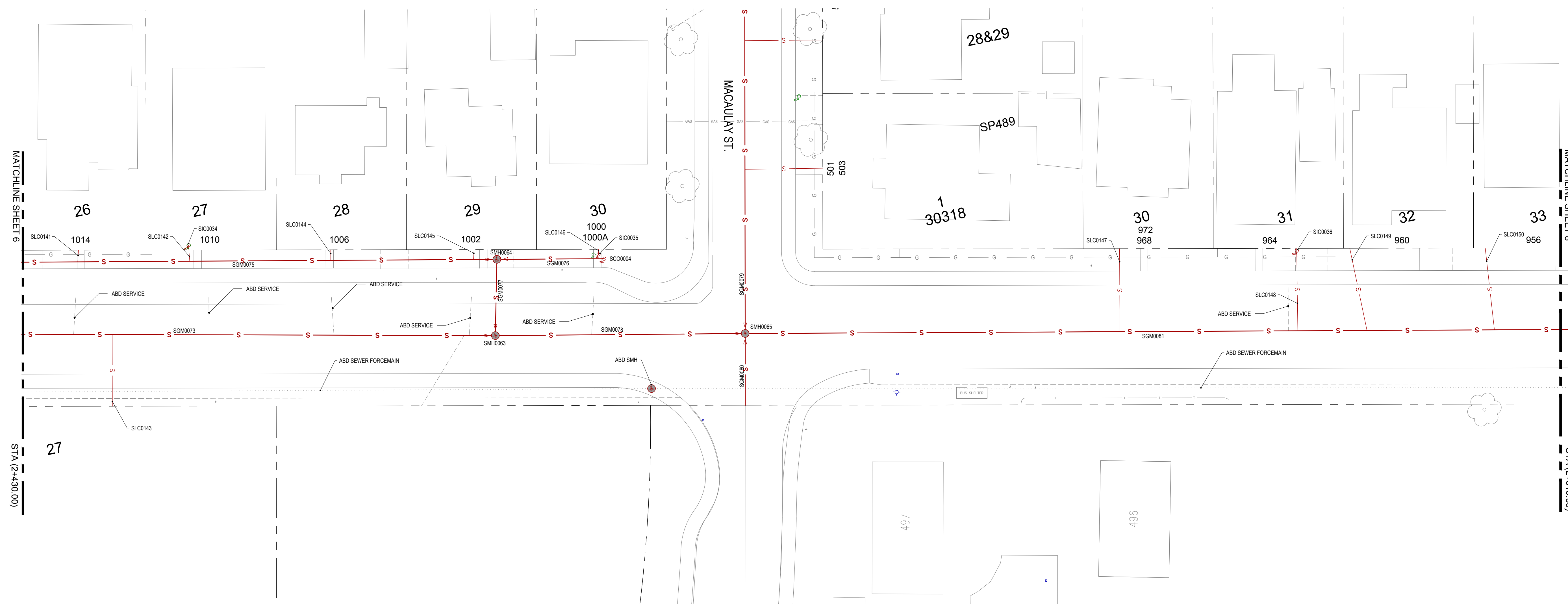
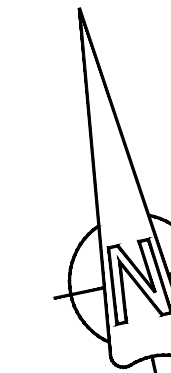
REVISIONS		REVISIONS APPROVED					
NO.	DESCRIPTION	REVISION 1		REVISION 2		REVISION 3	
		APP.	DATE	APP.	DATE	APP.	DATE
1	ISSUED FOR REVIEW						

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK		
	17.02.10	WW	SEWER IDENTIFIER STA (2+255.00 - 2+430.00)		
DESIGN ENG.			CONTROL MONUMENTS		
ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
MUNICIPAL ENG.			SCALES: H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M104
Sheet #	6

**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



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
SEWER —S—	LEAD PLUG LP
WATER —W—	TRAVERSE HUB
ELECTRICAL —E—	P.K. NAIL PK
SIDEWALK S/W	
TREE	
DRAIN MANHOLE	
CATCH BASIN	
GAS VALVE	
GAS SNIFFER	
SEWER MANHOLE	
SEWER LAMPHOLE	
WATER VALVE	
FIRE HYDRANT	
ELECTRIC POLE E	
TEL POLE T	
SURVEY MONUMENT ⊕	
IRON PIN IP	
LEAD PLUG LP	
TRAVERSE HUB	
P.K. NAIL PK	
DRAIN CLEANOUT DCO	
DRAIN VENT DV	
STREET LIGHT	
SEWER CLEANOUT SCO	
SEWER VENT SV	
SERVICE VALVE	
DRAIN CLEANOUT DCO	
DRAIN VENT DV	
STREET LIGHT	
SEWER CLEANOUT SCO	
SEWER VENT SV	
SERVICE VALVE	

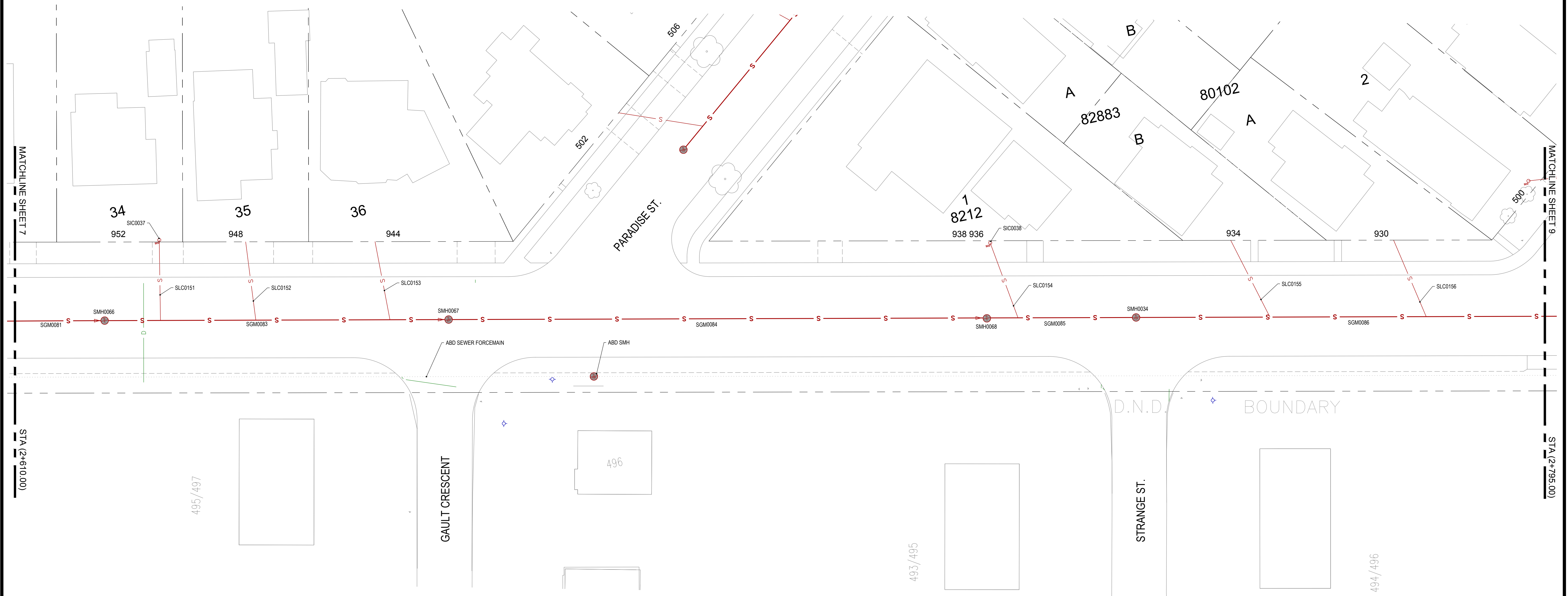
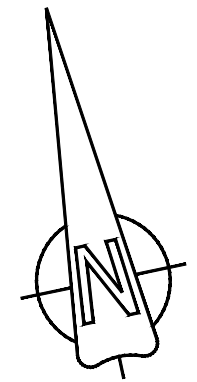
REVISIONS		REVISIONS APPROVED						DESIGN APPROVED		
NO.	DESCRIPTION	APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN
1	ISSUED FOR REVIEW									

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK		
APPROVED BY	17.02.10	WW	SEWER IDENTIFIER STA (2+430.00 - 2+610.00)		
DESIGN ENG.			CONTROL MONUMENTS		
ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
MUNICIPAL ENG.			SCALES: H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M105
Sheet #	7

**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
SEWER —S—	LEAD PLUG LP
WATER —W—	TRAVERSE HUB
ELECTRICAL —E—	P.K. NAIL PK
SIDEWALK S/W	
TREE	
DRAIN MANHOLE	
CATCH BASIN	
DRAIN CLEANOUT	
DRAIN VENT	
SEWER VENT	
SEWER MANHOLE	
SEWER LAMPHOLE	
SEWER CLEANOUT	
SEWER VENT	
WATER VALVE	
FIRE HYDRANT	
WATER METER	
SERVICE VALVE	

REVISIONS		REVISIONS APPROVED					
NO.	DESCRIPTION	REVISION 1		REVISION 2		REVISION 3	
		APP.	DATE	APP.	DATE	APP.	DATE
1	ISSUED FOR REVIEW						

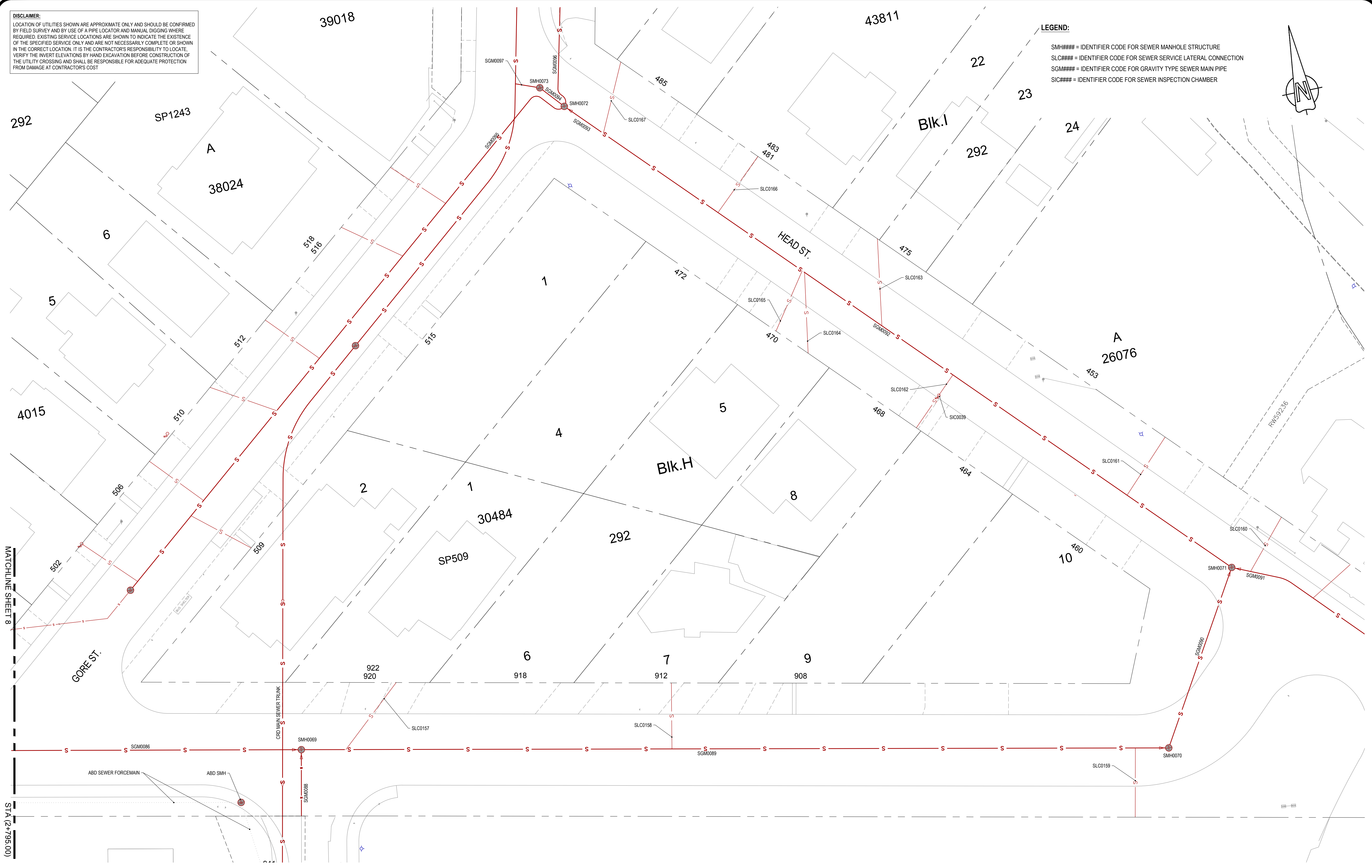
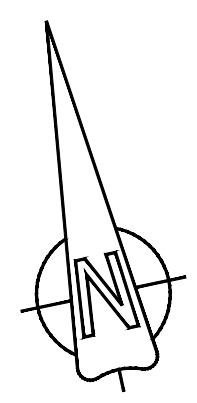
DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK		
	17.02.10	WW	SEWER IDENTIFIER STA (2+610.00 - 2+795.00)		
DESIGN ENG.			CONTROL MONUMENTS		
ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
MUNICIPAL ENG.			SCALES: H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M106
Sheet #	8



**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



**CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES**

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

REVISIONS	
ISSUED FOR REVIEW	

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

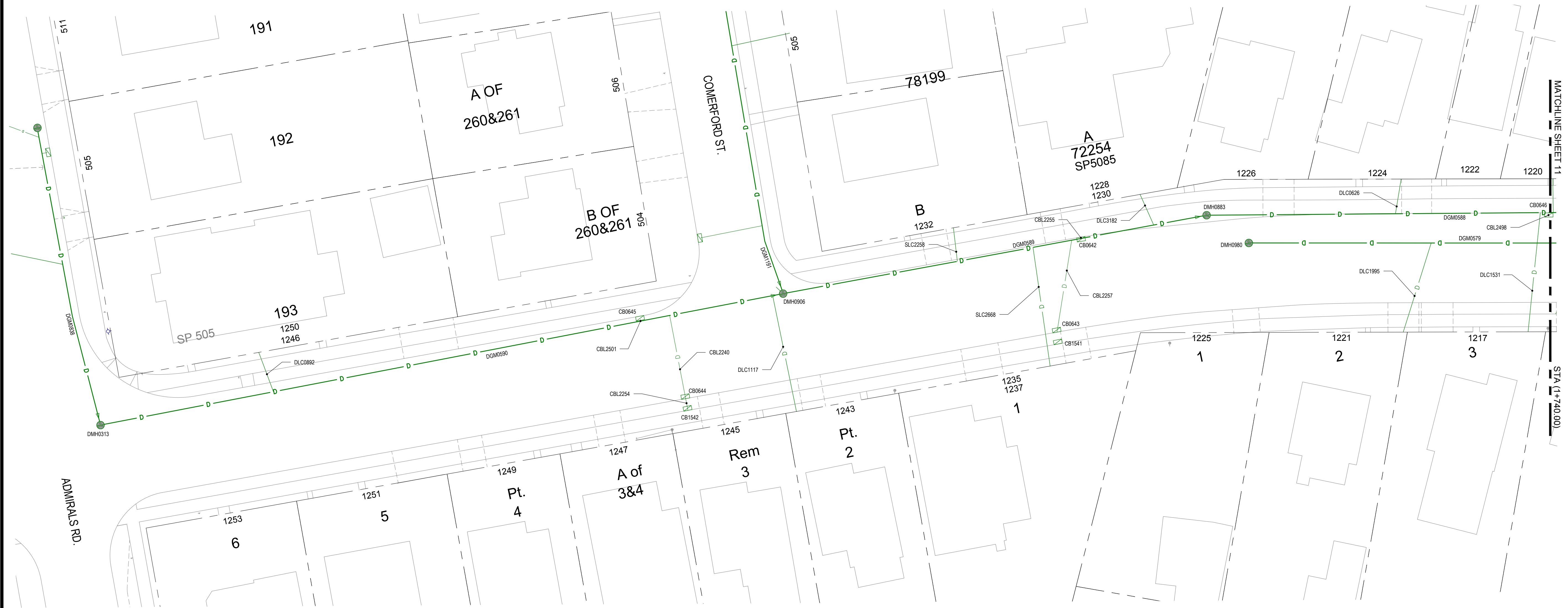
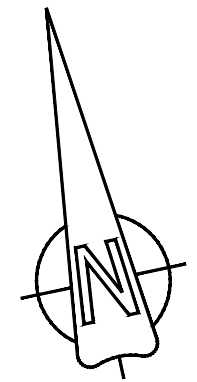
DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
	17.02.10	WW
DESIGN BY		
ASSIST. ENG.		
MUNICIPAL ENG.		

**TOWNSHIP OF ESQUIMALT**  
 LYALL & HEAD ST. INVESTIGATIVE WORK  
 SEWER IDENTIFIER STA (1+795.0 - 2+951.7) & STA (1+059.9-1+177.8)  
 CONTROL MONUMENTS  
 DESIGN EFS DRAWN EFS SURVEY HH  
 SCALES: H=1:250 DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M107
Sheet #	9

**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



MATCHLINE SHEET 11  
STA (+740.00)

**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
ELECTRIC POLE	FIRE HYDRANT
TEL POLE	WATER METER
SURVEY MONUMENT	SERVICE VALVE
IRON PIN	P.K. NAIL
LEAD PLUG	
TRaverse HUB	
STREET LIGHT	
SEWER VENT	
SEWER CLEANOUT	
DRAIN CLEANOUT	
GAS METER	
GAS SNIFFER	
SEWER LAMPHOLE	

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

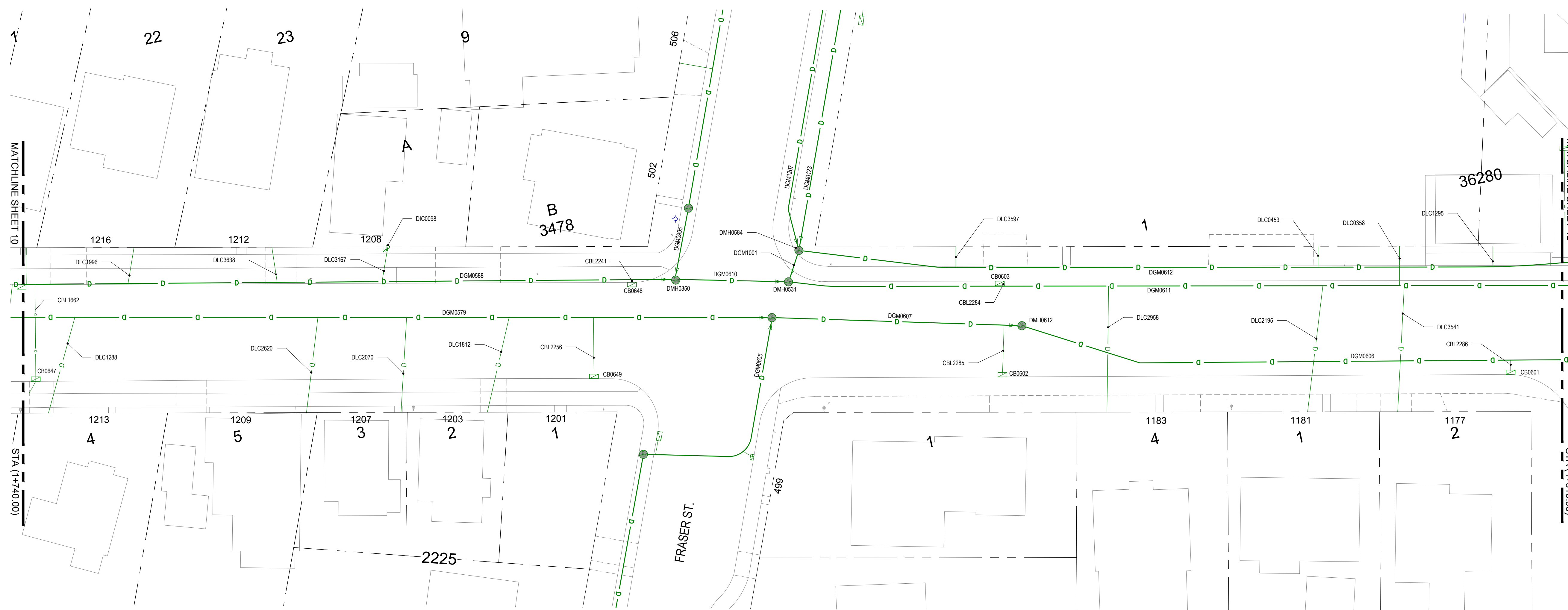
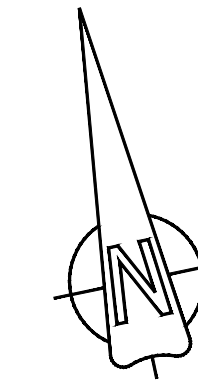
DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK		
DESIGN ENG.	17.02.10	WW	DRAIN IDENTIFIER STA (1+565.40 - 1+740.00)		
ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
MUNICIPAL ENG.			SCALE: H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M200
Sheet #	10

**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
DRAIN —D—	TREE
GAS —GAS—	DRAIN MANHOLE
SEWER —S—	GAS VALVE
WATER —W—	SEWER MANHOLE
ELECTRICAL —E—	WATER VALVE
ELECTRIC POLE	CATCH BASIN
TEL POLE	GAS SNIFFER
SURVEY MONUMENT	DRAIN CLEANOUT
IRON PIN	DRAIN VENT
LEAD PLUG	STREET LIGHT
TRAVERSE HUB	GAS METER
P.K. NAIL	SEWER CLEANOUT
	SEWER VENT
	WATER METER
	SERVICE VALVE

REVISIONS	
ISSUED FOR REVIEW	

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

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

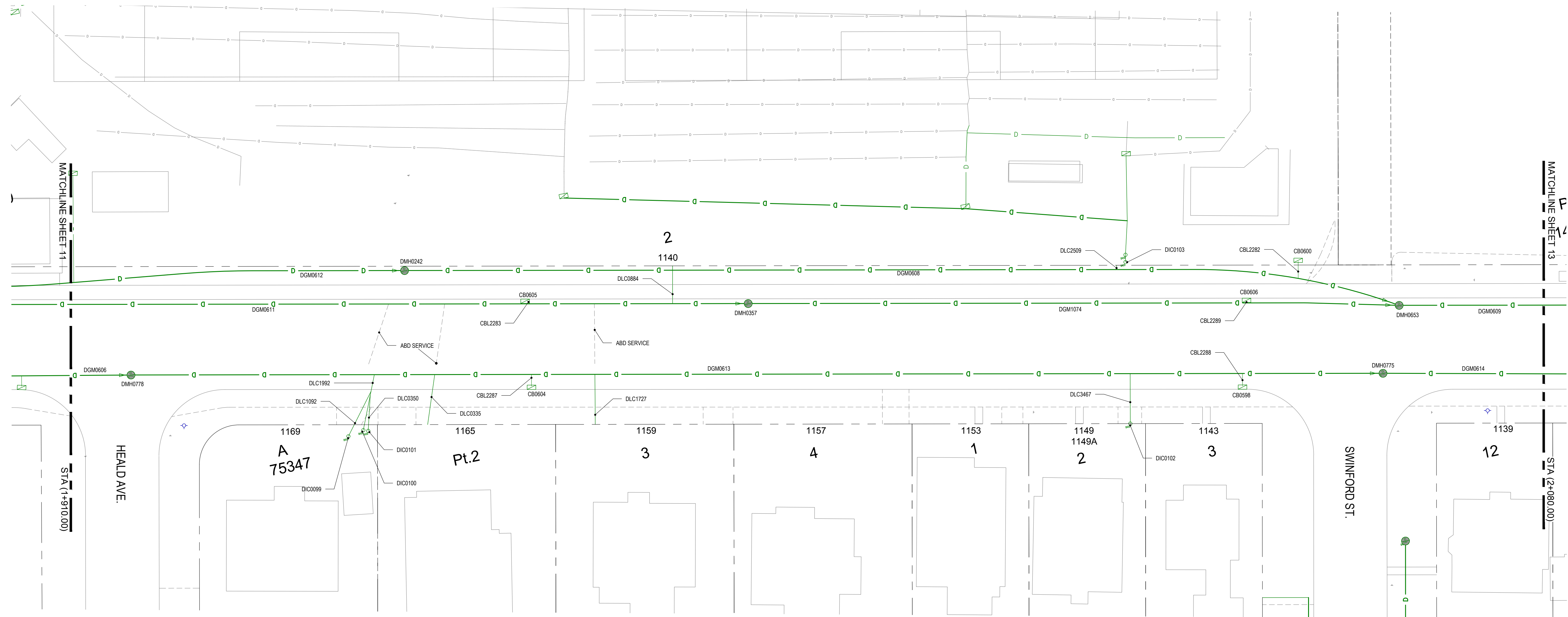
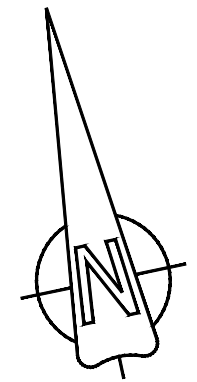
**TOWNSHIP OF ESQUIMALT**  
 LYALL ST. INVESTIGATIVE WORK  
 DRAIN IDENTIFIER STA (1+740.00 - 1+910.00)

DESIGN DWG. NO.	ESQ-M201
Sheet #	11

**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
DRAIN —D—	TREE
GAS —GAS—	DRAIN MANHOLE
SEWER —S—	GAS VALVE
WATER —W—	SEWER MANHOLE
ELECTRICAL —E—	WATER VALVE
ELECTRIC POLE	CATCH BASIN
TEL POLE	DRAIN CLEANOUT
SURVEY MONUMENT	DRAIN VENT
IRON PIN	STREET LIGHT
LEAD PLUG	LEAD PLUG
TRaverse HUB	TRaverse HUB
P.K. NAIL	P.K. NAIL
GAS SNIFFER	GAS METER
GAS METER	SEWER CLEANOUT
SEWER CLEANOUT	SEWER VENT
SEWER VENT	WATER METER
WATER METER	SERVICE VALVE
SERVICE VALVE	
FIRE HYDRANT	

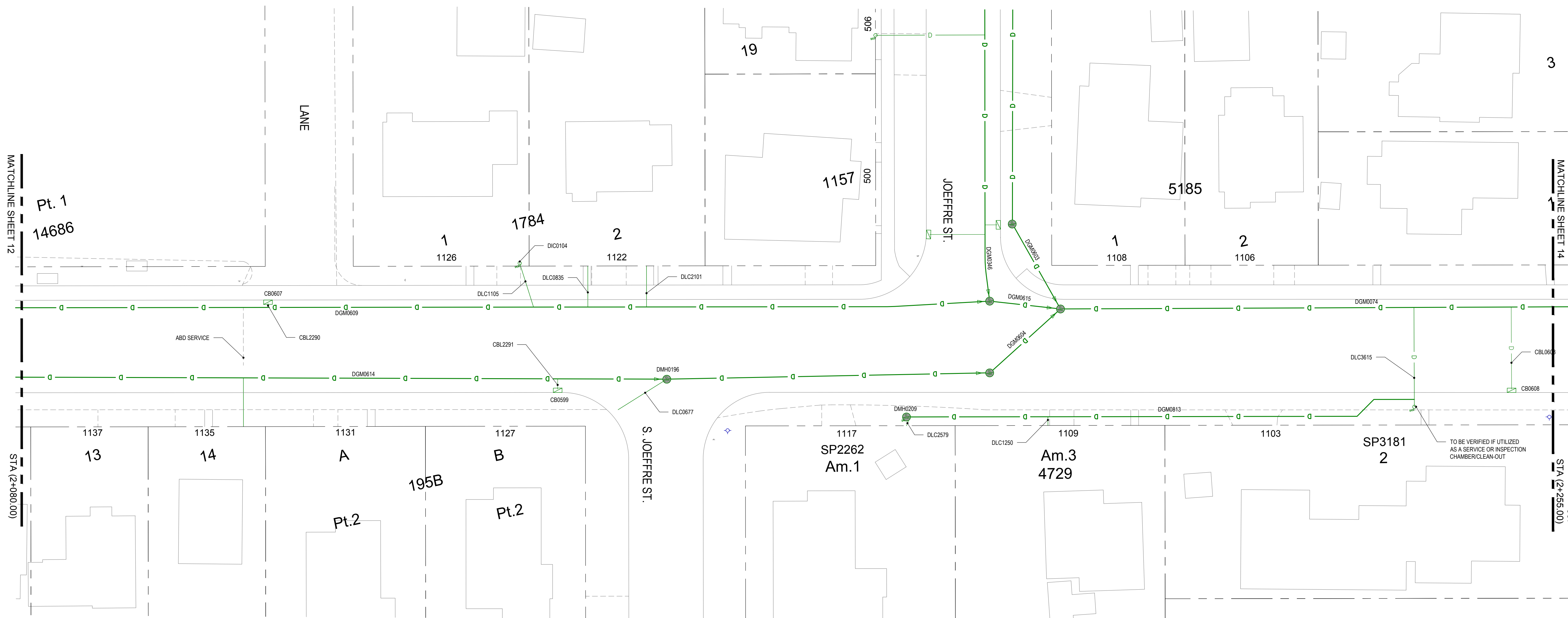
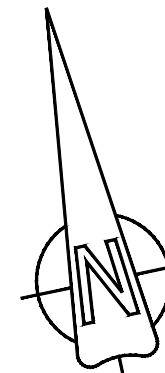
REVISIONS		REVISIONS APPROVED						DESIGN APPROVED		
NO.	DESCRIPTION	APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN
1	ISSUED FOR REVIEW									

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK		
APPROVED BY	17.02.10	WW	DRAIN IDENTIFIER STA (1+910.00 - 2+080.00)		
DESIGN ENG.			CONTROL MONUMENTS		
ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
MUNICIPAL ENG.			SCALES: H=1:250	DATE	2017.02.10

DESIGN DWG. NO.	ESQ-M202
Sheet #	12

**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—	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
ELECTRICAL —E—					

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

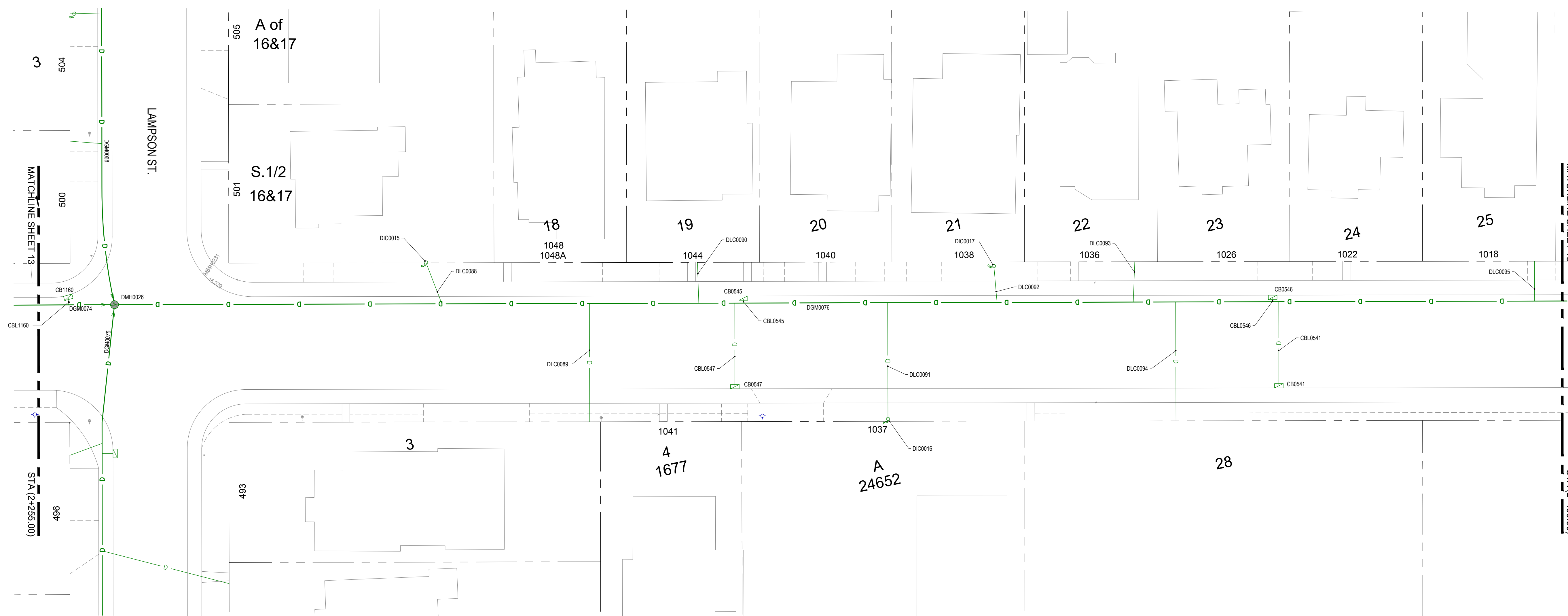
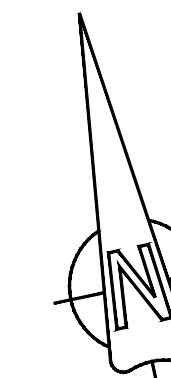
DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK		
APPROVED BY	17.02.10	WW	DRAIN IDENTIFIER STA (2+080.00 - 2+255.00)		
DESIGN ENG.			CONTROL MONUMENTS		
ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
MUNICIPAL ENG.			SCALES: H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M203
Sheet #	13

**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



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

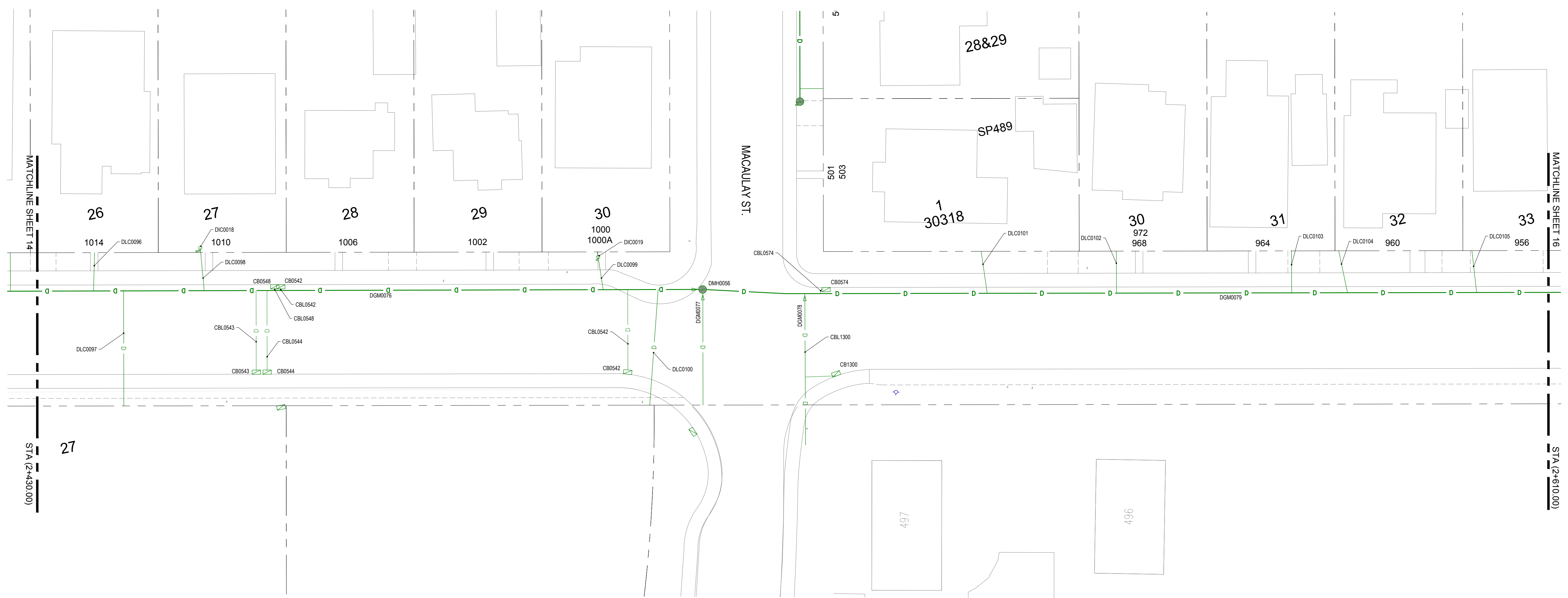
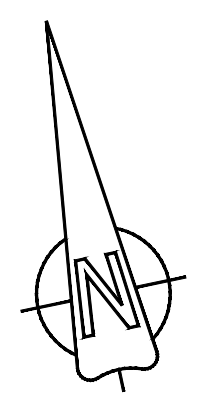
DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
	17.02.10	WW

**TOWNSHIP OF ESQUIMALT**  
 LYALL ST. INVESTIGATIVE WORK  
 DRAIN IDENTIFIER STA (2+255.00 - 2+430.00)

DESIGN DWG. NO.	ESQ-M204
Sheet #	14

**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:**  
 DM##### = 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



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
ELECTRICAL —E—					

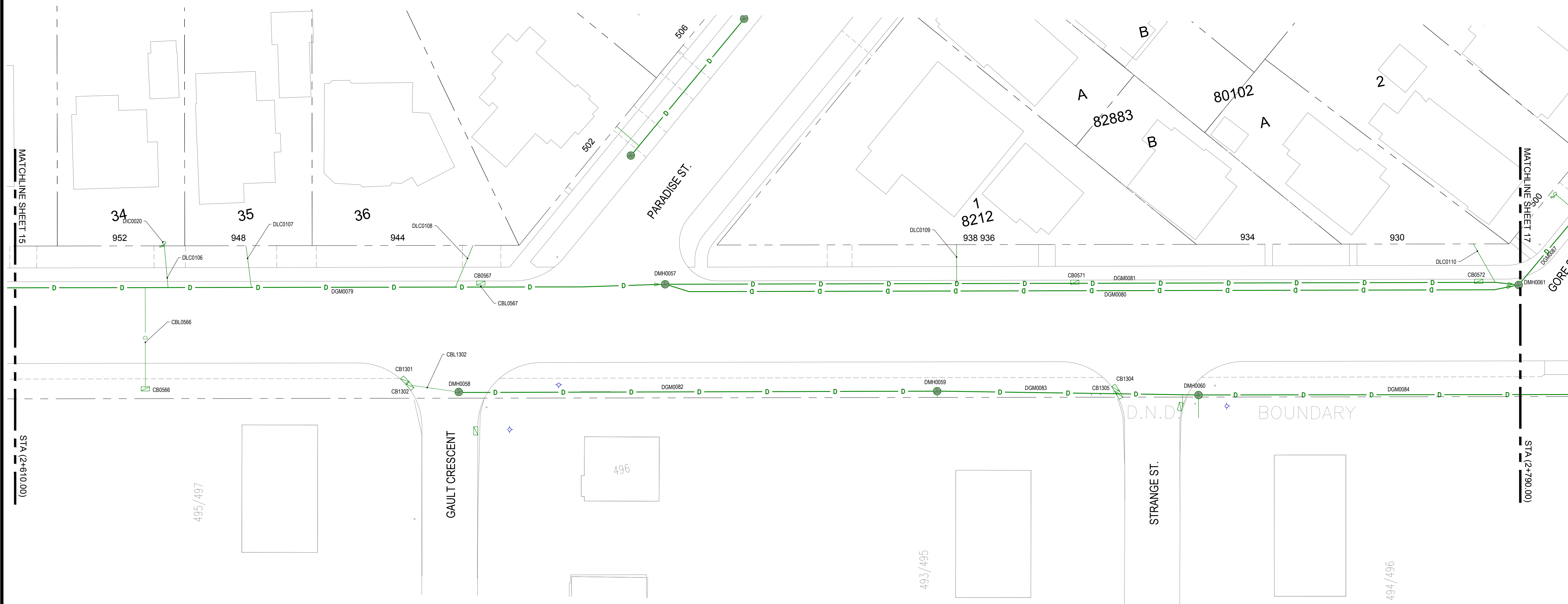
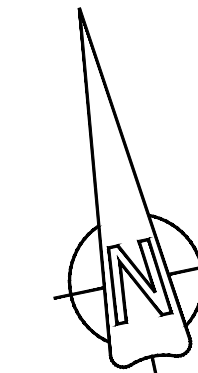
REVISIONS		REVISIONS APPROVED						DESIGN APPROVED		
		REVISION 1		REVISION 2		REVISION 3		EXCEPTIONS	DATE	SIGN
		APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN
ISSUED FOR REVIEW										

TOWNSHIP OF ESQUIMALT									
LYALL ST. INVESTIGATIVE WORK									
DRAIN IDENTIFIER STA (2+430.00 - 2+610.00)									
CONTROL MONUMENTS									
DESIGN	DATE	SIGN	DESIGN	DATE	SIGN	DESIGN	DATE	SIGN	DATE
APPROVED BY	17.02.10	WW							
DESIGN ENG.									
ASSIST. ENG.									
MUNICIPAL ENG.									

DESIGN DWG. NO.	ESQ-M205
Sheet #	15

**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

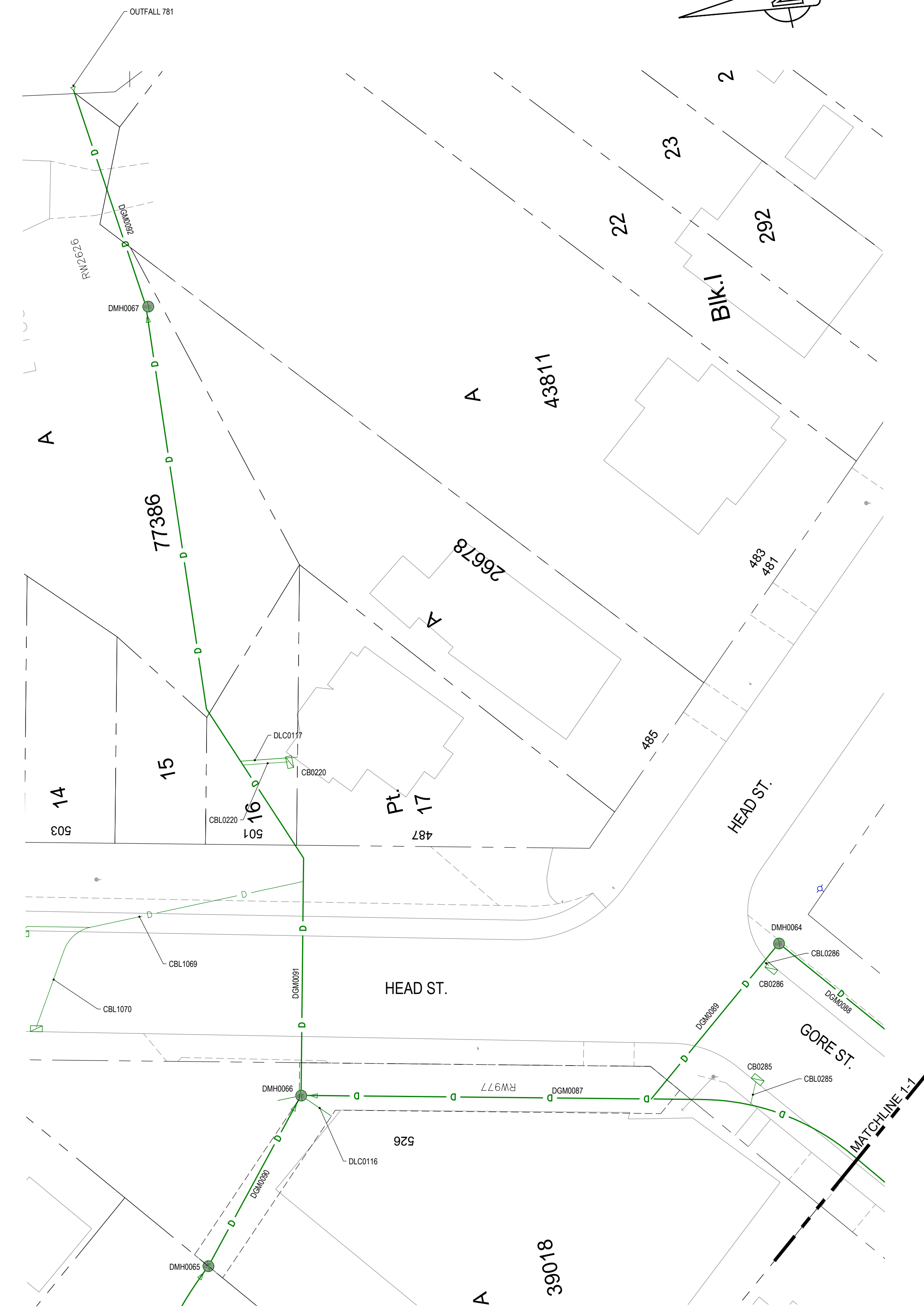
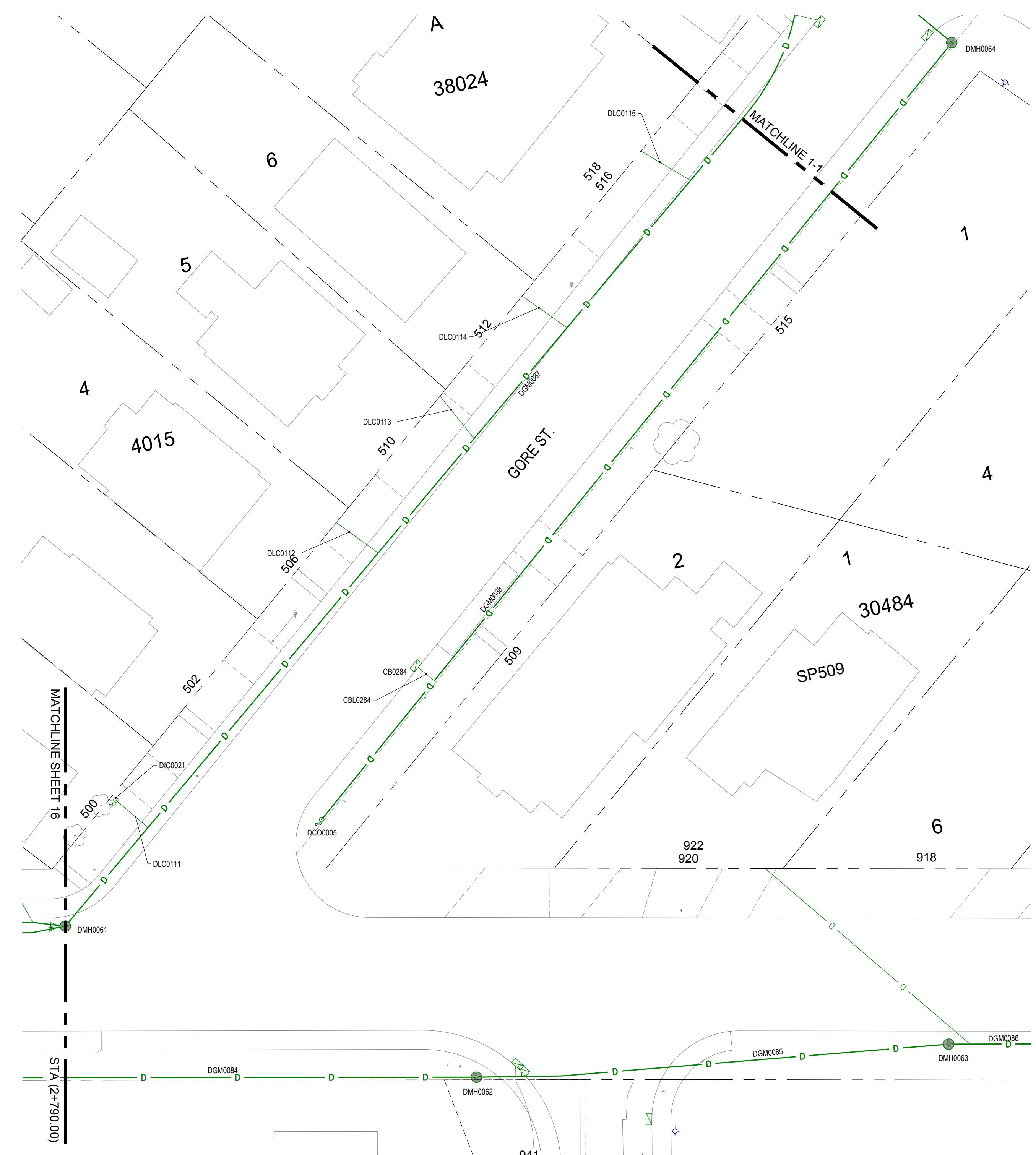


<b>CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES</b>	<b>LEGEND - Existing services shown solid</b>										<b>REVISIONS</b>			<b>REVISIONS APPROVED</b>			<b>DESIGN APPROVED</b>			<b>TOWNSHIP OF ESQUIMALT</b>		DESIGN DWG. NO. <b>ESQ-M206</b>  Sheet # <b>16</b>
	CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL POLE T	SURVEY MONUMENT	REVISION 1			REVISION 2			REVISION 3			EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK DRAIN IDENTIFIER STA (2+610.00 - 2+790.00)			
	DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT DCO	DRAIN VENT	IRON PIN IP	APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN	APPROVED BY	17.02.10	WW				
	GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG LP	ISSUED FOR REVIEW									DESIGN ENG.			CONTROL MONUMENTS DESIGN EFS    DRAWN EFS    SURVEY HH SCALES:    H=1:250    DATE 2017.02.10			
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT SCO	SEWER VENT	TRAVERSE HUB										ASSIST. ENG.							
WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL PK										MUNICIPAL ENG.							



**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

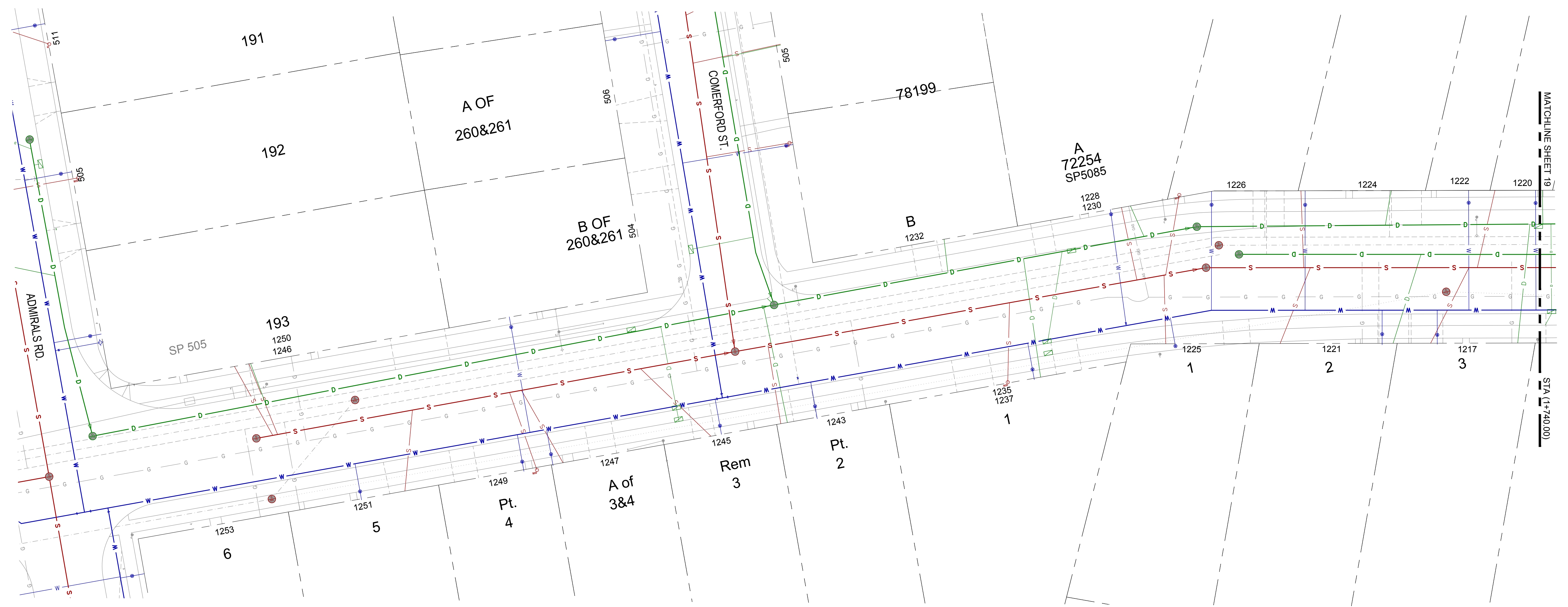
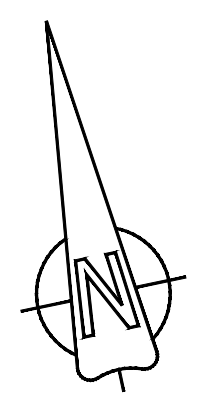
LEGEND - Existing services shown solid	
CABLE —TV—	SIDEWALK S/W TREE
DRAIN —D—	ELECTRIC POLE E TEL POLE T SURVEY MONUMENT M
GAS —GAS—	DRAIN MANHOLE CATCH BASIN DRAIN CLEANOUT DCO DRAIN VENT DV IRON PIN IP
SEWER —S—	GAS VALVE GAS SNIFFER GAS METER STREET LIGHT LEAD PLUG LP
WATER —W—	SEWER MANHOLE SEWER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

REVISIONS		REVISIONS APPROVED			DESIGN APPROVED		
NO.	DESCRIPTION	APP.	DATE	SIGN	APP.	DATE	SIGN
1	ISSUED FOR REVIEW						

TOWNSHIP OF ESQUIMALT			
GORE & HEAD ST. INVESTIGATIVE WORK			
DRAIN IDENTIFIER STA (1+000.8 - 1+088.8) & STA (1+170.0 - 1+220.0)			
DESIGN	DWG. NO.	DATE	SIGN
DESIGN EFS	ESQ-M207	17.02.10	WW
DRAWN EFS			
SURVEY HH			
DATE		2017.02.10	

Sheet # 17

**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



MATCHLINE SHEET 19  
 STA (1+740.00)

**CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES**

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

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

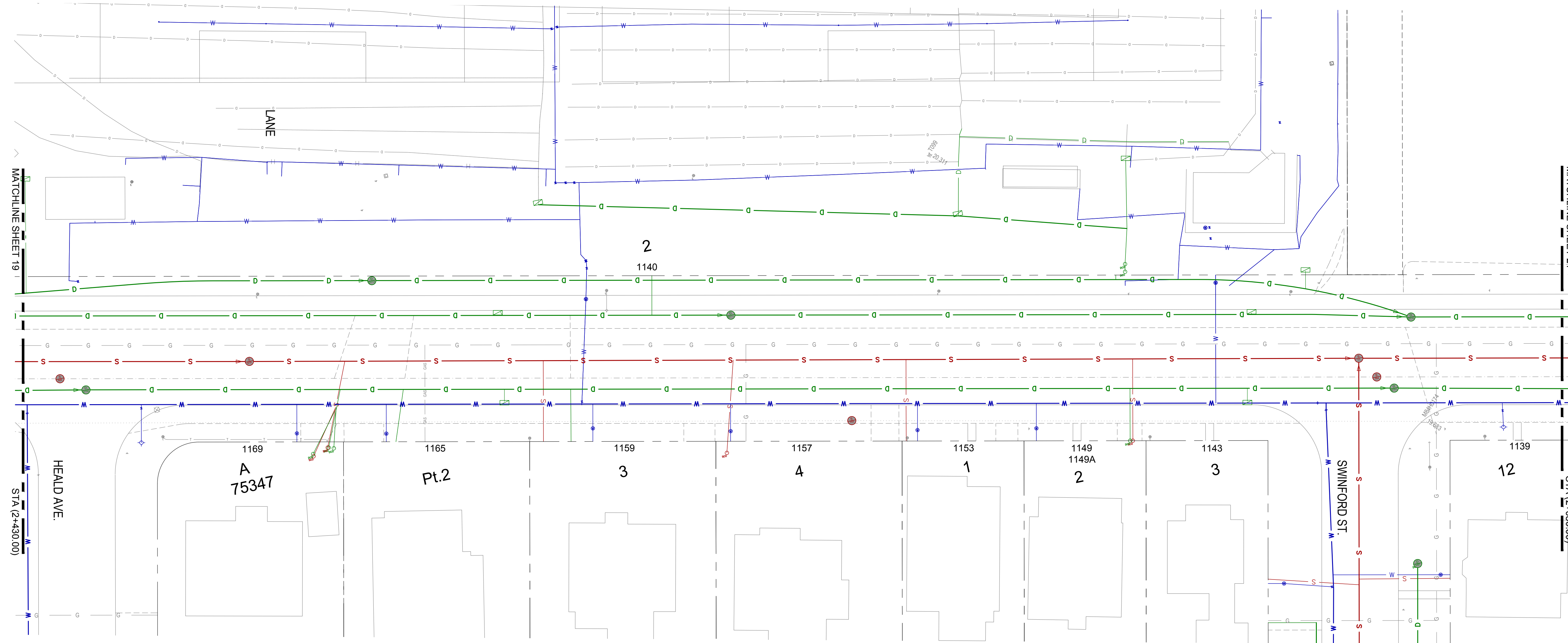
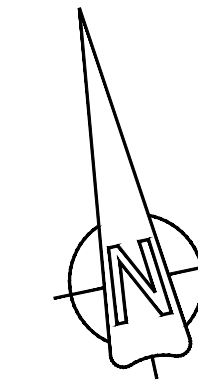
DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

**TOWNSHIP OF ESQUIMALT**  
 LYALL ST. INVESTIGATIVE WORK  
 COMBINED UTILITIES STA (1+565.40 - 1+740.00)

DESIGN DWG. NO.	ESQ-M300
Sheet #	18



**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



**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		REVISIONS APPROVED					
NO.	DESCRIPTION	REVISION 1		REVISION 2		REVISION 3	
		APP.	DATE	APP.	DATE	APP.	DATE
1	ISSUED FOR REVIEW						

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

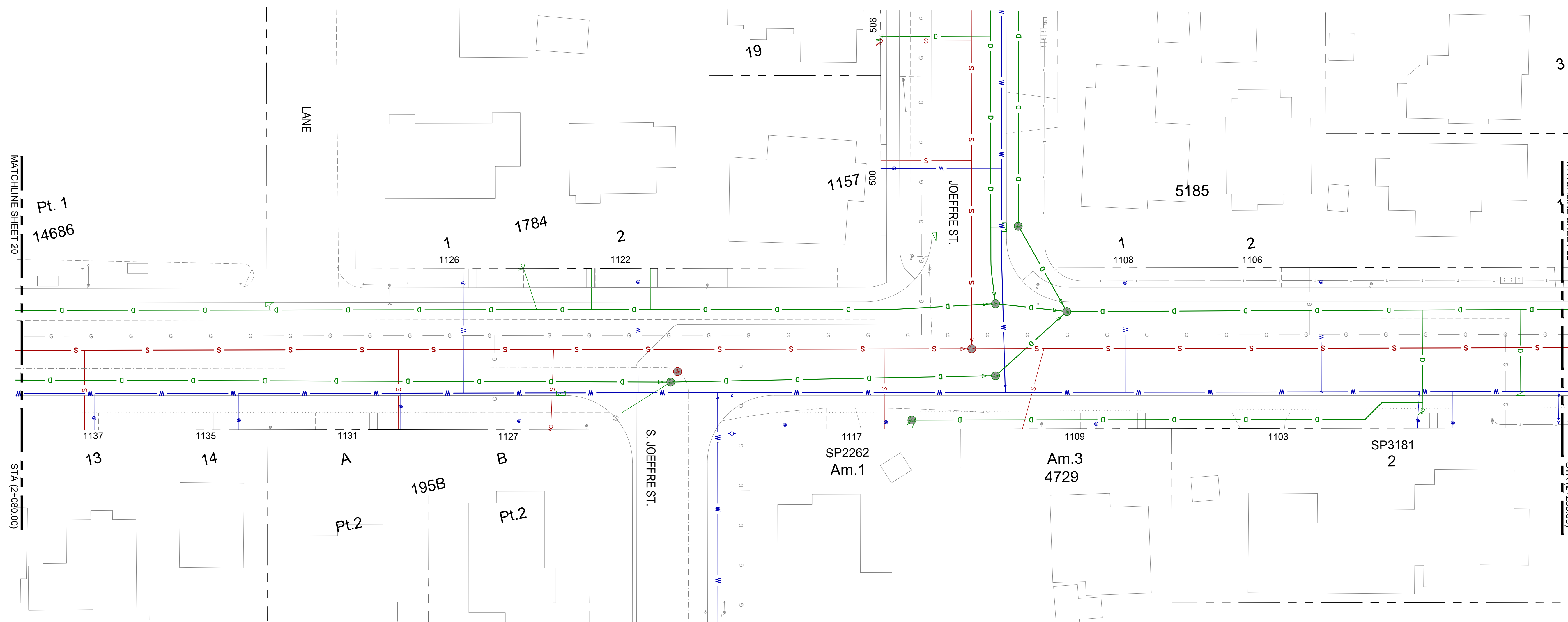
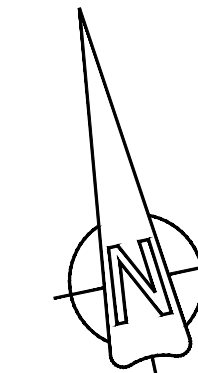
**TOWNSHIP OF ESQUIMALT**  
 LYALL ST. INVESTIGATIVE WORK  
 COMBINED UTILITIES STA (1+910.00 - 2+080.00)

DESIGN DWG. NO.	ESQ-M302
Sheet #	20

**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—	TREE
DRAIN —D—	ELECTRIC POLE E
GAS —GAS—	TEL POLE T
SEWER —S—	SURVEY MONUMENT
WATER —W—	IRON PIN IP
ELECTRICAL —E—	LEAD PLUG LP
	TRAVERSE HUB
	P.K. NAIL

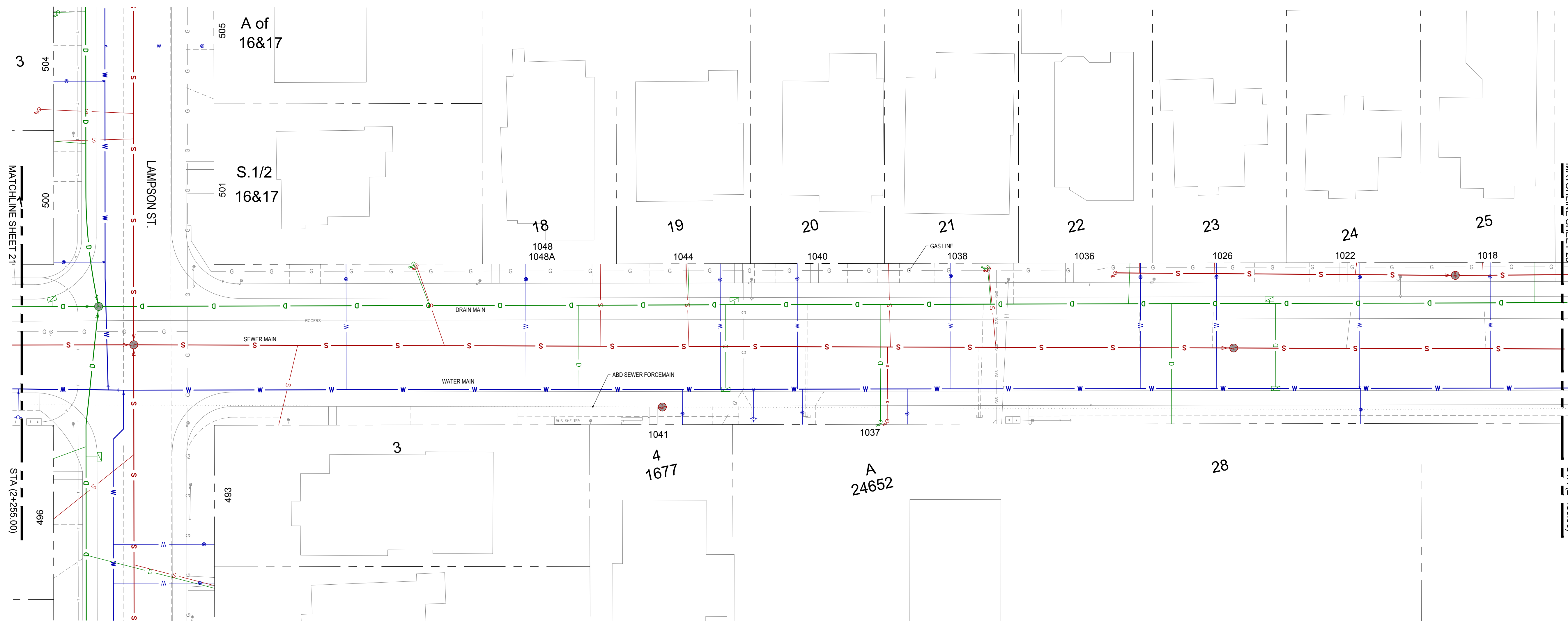
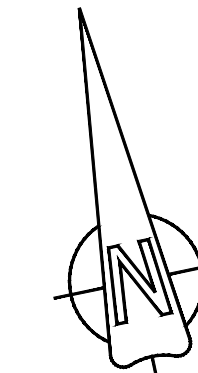
REVISIONS		REVISIONS APPROVED					
		REVISION 1		REVISION 2		REVISION 3	
NO.	DESCRIPTION	APP.	DATE	SIGN	APP.	DATE	SIGN
ISSUED FOR REVIEW							

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

**TOWNSHIP OF ESQUIMALT**  
 LYALL ST. INVESTIGATIVE WORK  
 SEWER IDENTIFIER STA (2+080.00 - 2+255.00)

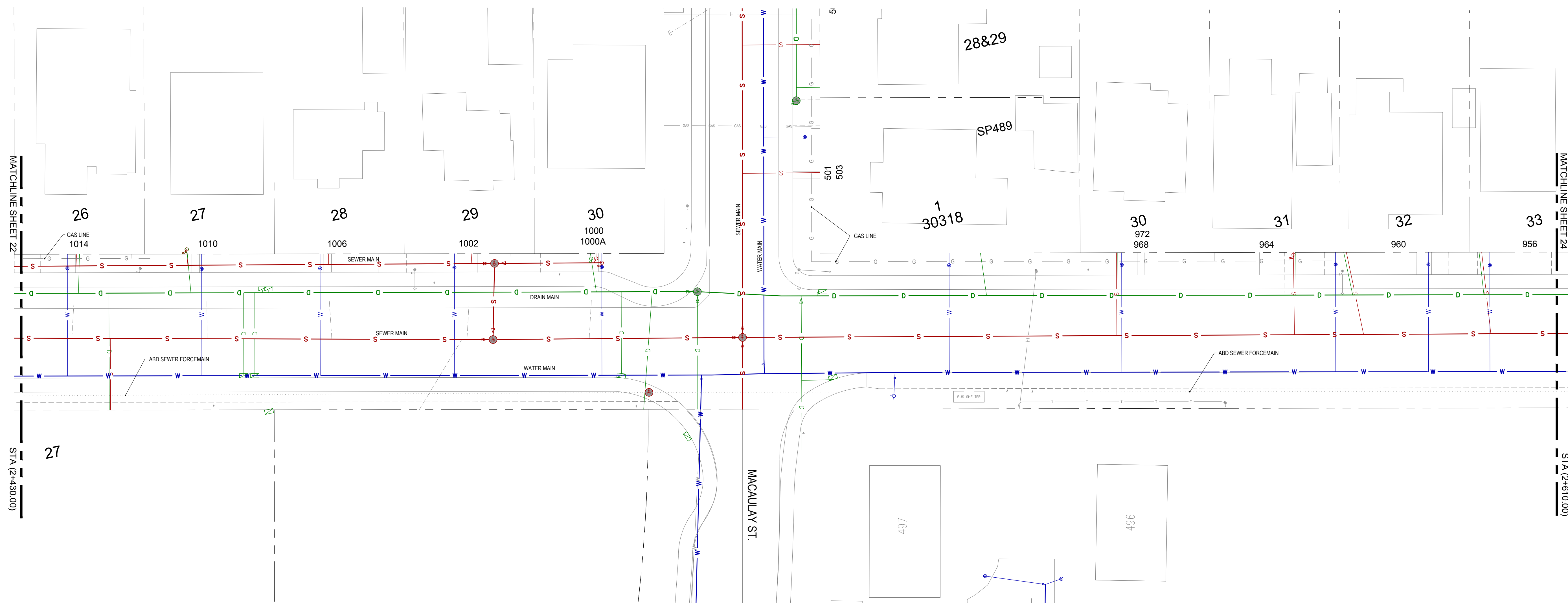
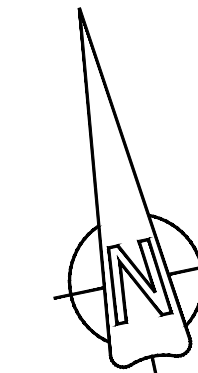
DESIGN DWG. NO.	Sheet #
ESQ-M303	21

**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



<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>		DESIGN DWG. NO. <b>ESQ-M304</b>  Sheet # <b>22</b>
	CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL POLE T	SURVEY MONUMENT	REVISION 1 APP. DATE SIGN			REVISION 2 APP. DATE SIGN			REVISION 3 APP. DATE SIGN			EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK COMBINED UTILITIES STA (2+255.00- 2+430.00)			
	DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT	DRAIN VENT	IRON PIN	ISSUED FOR REVIEW						DESIGN APPROVED BY DESIGN ENG.			CONTROL MONUMENTS						
	GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG							ASSIST. ENG. MUNICIPAL ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH	DATE 2017.02.10			
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT	SEWER VENT	TRAVERSE HUB										SCALES: H=1:250							
WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL																	
ELECTRICAL —E—																						

**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



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

REVISIONS	
ISSUED FOR REVIEW	

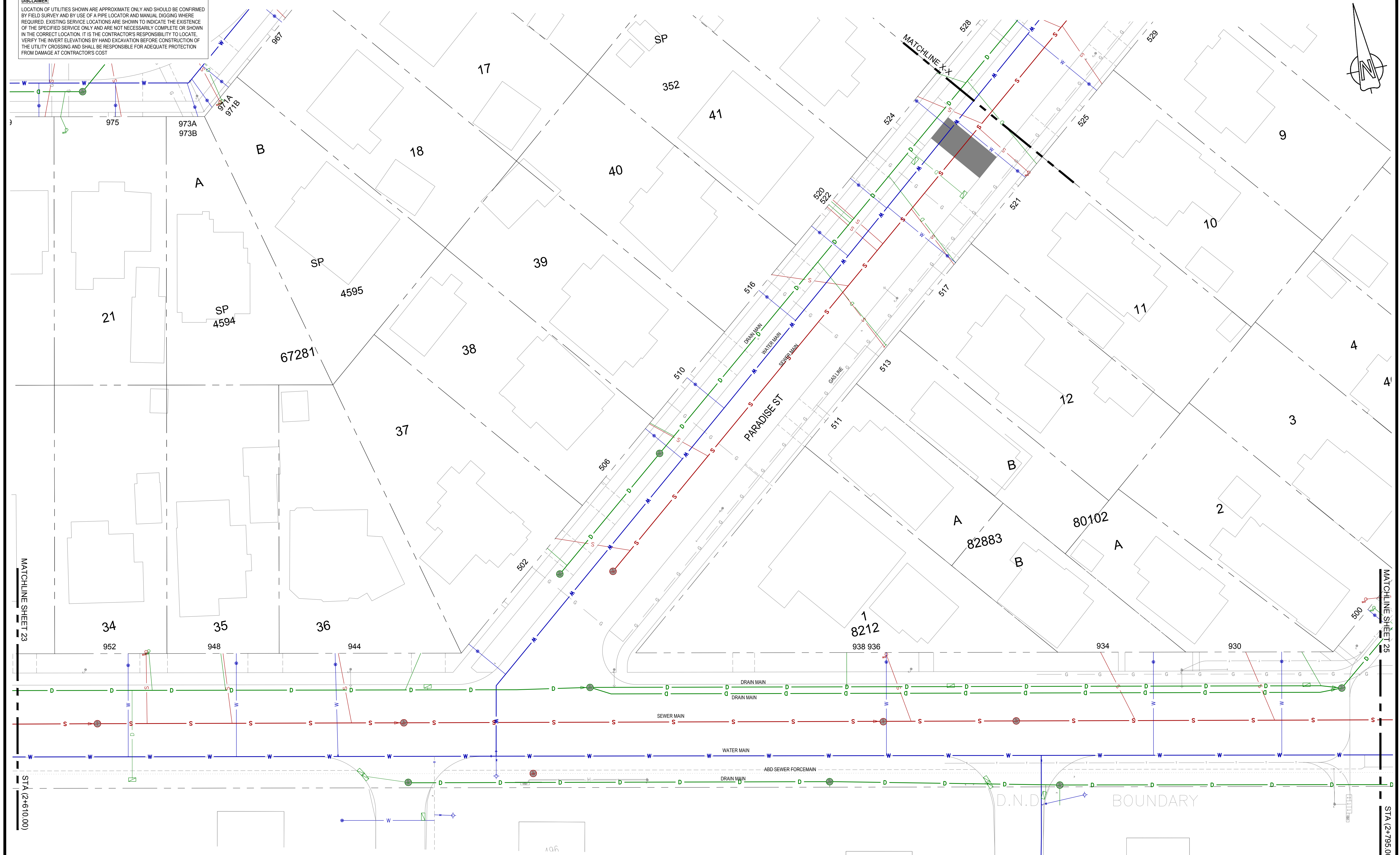
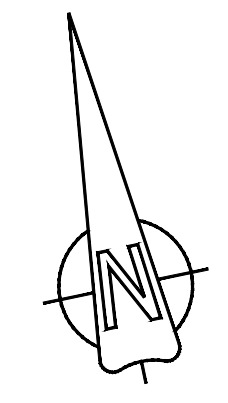
REVISIONS APPROVED		
REVISION 1	REVISION 2	REVISION 3
APP.	DATE	SIGN

DESIGN APPROVED	
EXCEPTIONS	DATE
	17.02.10

TOWNSHIP OF ESQUIMALT	
LYALL ST. INVESTIGATIVE WORK	
COMBINED UTILITIES STA (2+430.00 - 2+610.00)	
DESIGN DWG. NO.	ESQ-M301
DESIGN EFS	DRAWN EFS
SURVEY HH	DATE 2017.02.10
SCALES: H=1:250	

Sheet #	23
---------	----

**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



**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 SV	P.K. NAIL PKN

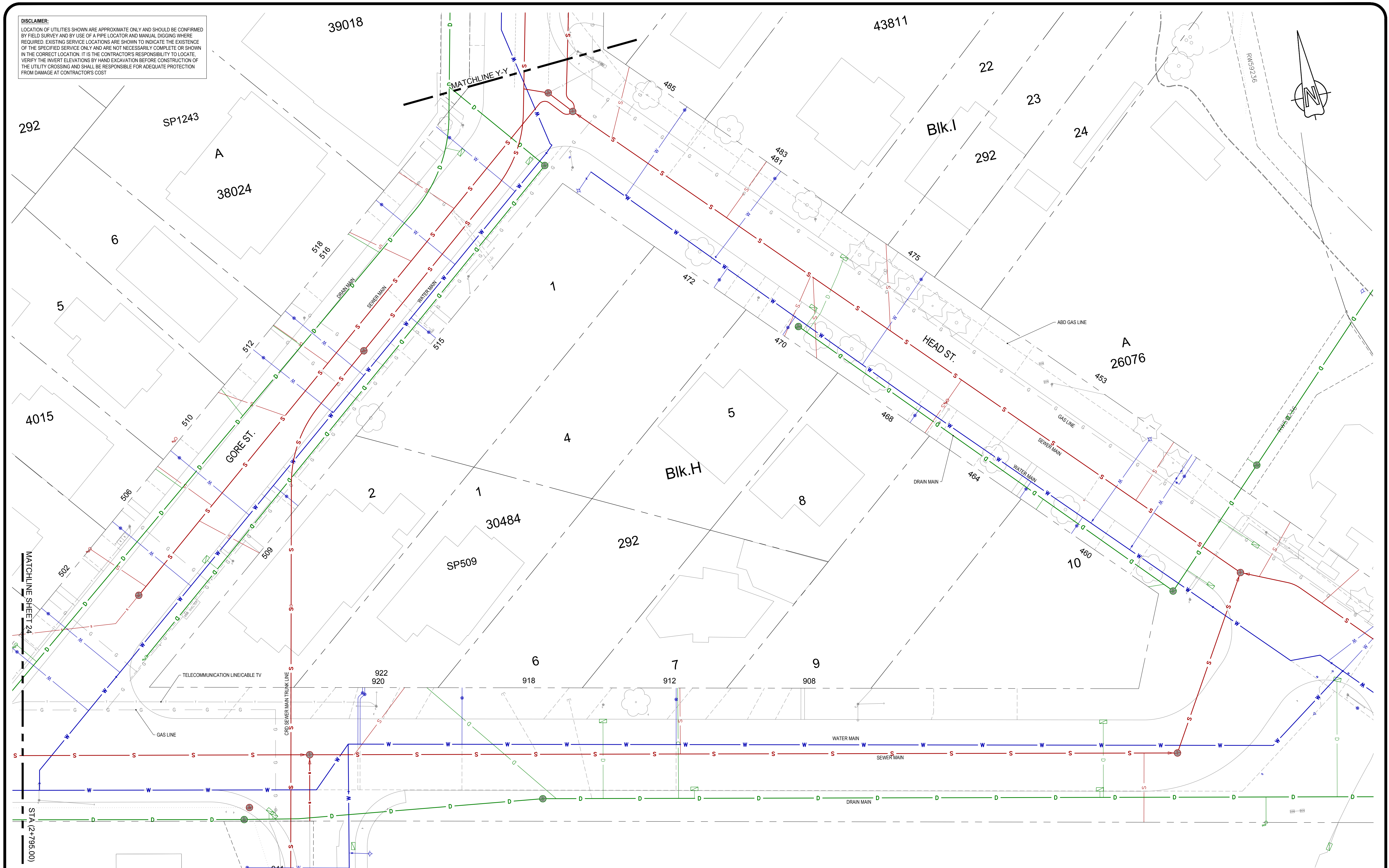
REVISIONS			REVISIONS APPROVED			DESIGN APPROVED		
NO.	DATE	DESCRIPTION	APP.	DATE	DESCRIPTION	APP.	DATE	DESCRIPTION
ISSUED FOR REVIEW								

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LYALL ST. INVESTIGATIVE WORK		
DESIGN ENG.	17.02.10	WW	COMBINED UTILITIES STA (2+610.00 - 2+795.00)		
ASSIST. ENG.			CONTROL MONUMENTS		
MUNICIPAL ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
			SCALES: H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M306
Sheet #	24



**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



**CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES**

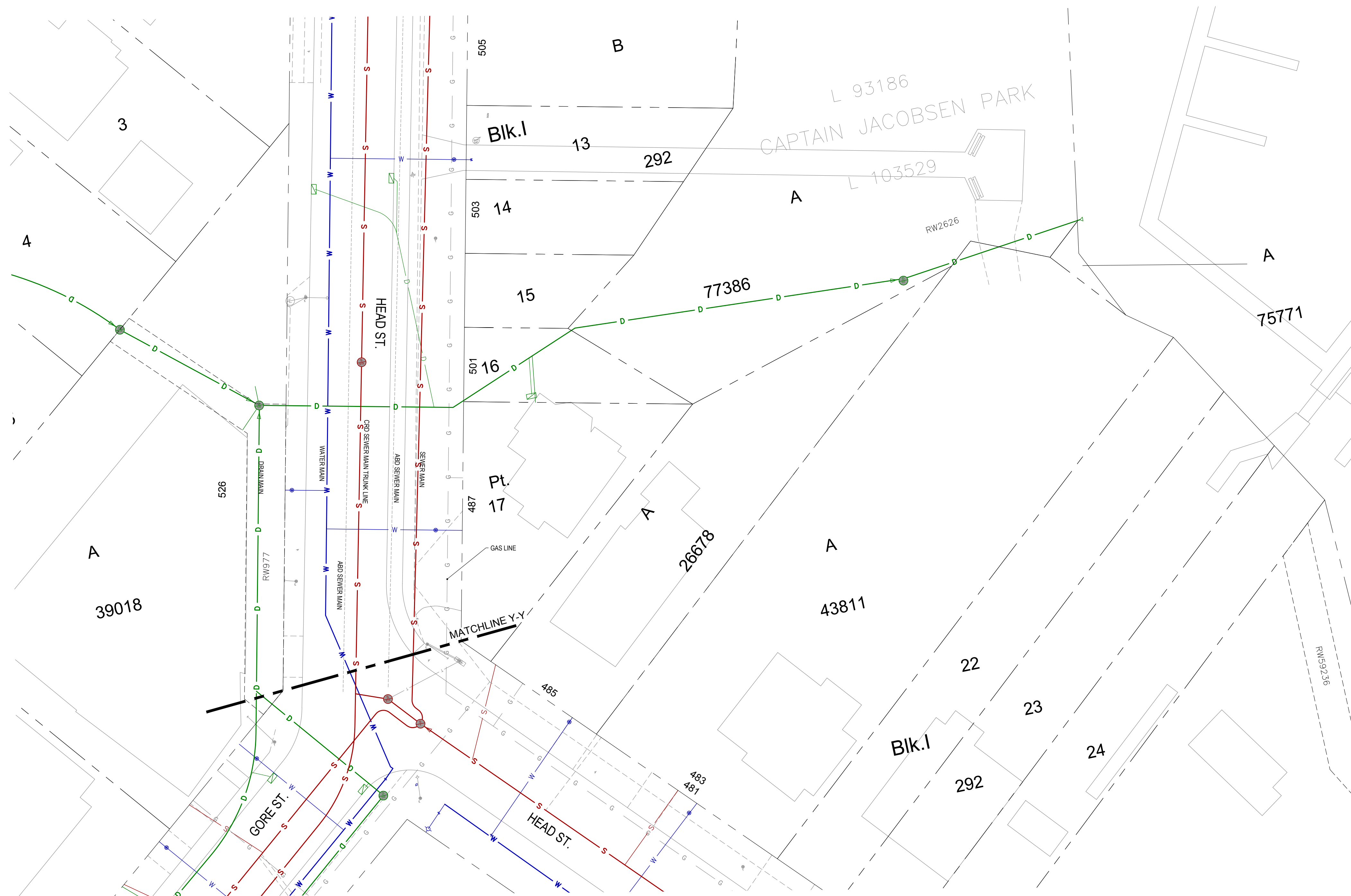
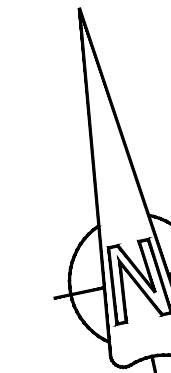
LEGEND - Existing services shown solid					
CABLE — TV —	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL. POLE T	SURVEY MONUMENT
DRAIN — D —	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT DCO	DRAIN VENT DV	IRON PIN IP
GAS — GAS —	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG LP
SEWER — S —	SEWER MANHOLE	SEWER 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		REVISIONS APPROVED			DESIGN APPROVED		
NO.	DESCRIPTION	APP.	DATE	SIGN.	APP.	DATE	SIGN.
ISSUED FOR REVIEW							

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN.	LYALL & HEAD ST. INVESTIGATIVE WORK		
APPROVED BY	17.02.10	WW	COMBINED UTILITIES STA (2+795.00 - 2+972.00) & (1+059.9-1+179.4)		
DESIGN ENG.			CONTROL MONUMENTS		
ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
MUNICIPAL ENG.			SCALES: H=1:250	DATE	2017.02.10

DESIGN DWG. NO.	ESQ-M307
Sheet #	25

**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



CONFIRM  
 UNDERGROUND  
 LOCATIONS WITH  
 UTILITY COMPANIES

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

REVISIONS	
ISSUED FOR REVIEW	

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

DESIGN APPROVED	
EXCEPTIONS	DATE
	17.02.10

**TOWNSHIP OF ESQUIMALT**  
 GORE & HEAD ST. INVESTIGATIVE WORK  
 COMBINED UTILITIES STA (1+179.40 - 1+206.50)

DESIGN DWG. NO.	ESQ-M308
Sheet #	26