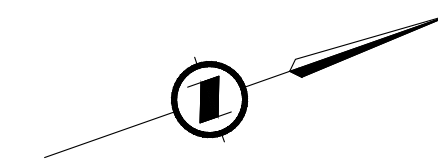


LAMPSON ST. INVESTIGATIVE WORK

STA (1+651.50 - 3+319.00)

DRAWING INDEX

DRAWING No.	SHEET No.	DRAWING TITLE	REVISION No.
ESQ - M000	1	LOCATION PLAN	0
ESQ - M100	2	SEWER IDENTIFIER STA (1+651.70 - 1+788.60)	0
ESQ - M101	3	SEWER IDENTIFIER STA (1+788.60 - 1+933.35)	0
ESQ - M102	4	SEWER IDENTIFIER STA (1+933.35 - 2+077.88)	0
ESQ - M103	5	SEWER IDENTIFIER STA (2+077.88 - 2+260.00)	0
ESQ - M104	6	SEWER IDENTIFIER STA (2+260.00 - 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+780.00)	0
ESQ - M107	9	SEWER IDENTIFIER STA (2+780.00 - 2+950.00)	0
ESQ - M108	10	SEWER IDENTIFIER STA (2+950.00 - 3+084.00)	0
ESQ - M109	11	SEWER IDENTIFIER STA (3+084.00 - 3+220.00)	0
ESQ - M110	12	SEWER IDENTIFIER STA (3+220.00 - 3+319.00)	0
ESQ - M200	13	DRAIN IDENTIFIER STA (1+656.00 - 1+788.60)	0
ESQ - M201	14	DRAIN IDENTIFIER STA (1+788.60 - 1+933.35)	0
ESQ - M202	15	DRAIN IDENTIFIER STA (1+933.35 - 2+077.88)	0
ESQ - M203	16	DRAIN IDENTIFIER STA (2+077.88 - 2+260.00)	0
ESQ - M204	17	DRAIN IDENTIFIER STA (2+260.00 - 2+430.00)	0
ESQ - M205	18	DRAIN IDENTIFIER STA (2+430.00 - 2+610.00)	0
ESQ - M206	19	DRAIN IDENTIFIER STA (2+610.00 - 2+780.00)	0
ESQ - M207	20	DRAIN IDENTIFIER STA (2+780.00 - 2+950.00)	0
ESQ - M208	21	DRAIN IDENTIFIER STA (2+950.00 - 3+084.00)	0
ESQ - M209	22	DRAIN IDENTIFIER STA (3+084.00 - 3+220.00)	0
ESQ - M210	23	DRAIN IDENTIFIER STA (3+220.00 - 3+305.00)	0
ESQ - M300	24	COMBINED UTILITIES STA (1+651.70 - 1+788.60)	0
ESQ - M301	25	COMBINED UTILITIES STA (1+788.60 - 1+933.35)	0
ESQ - M302	26	COMBINED UTILITIES STA (1+933.35 - 2+077.88)	0
ESQ - M303	27	COMBINED UTILITIES STA (2+077.88 - 2+260.00)	0
ESQ - M304	28	COMBINED UTILITIES STA (2+260.00 - 2+430.00)	0
ESQ - M305	29	COMBINED UTILITIES STA (2+430.00 - 2+610.00)	0
ESQ - M306	30	COMBINED UTILITIES STA (2+610.00 - 2+780.00)	0
ESQ - M307	31	COMBINED UTILITIES STA (2+780.00 - 2+950.00)	0
ESQ - M308	32	COMBINED UTILITIES STA (2+950.00 - 3+084.00)	0
ESQ - M309	33	COMBINED UTILITIES STA (3+084.00 - 3+220.00)	0
ESQ - M310	34	COMBINED UTILITIES STA (3+220.00 - 3+319.00)	0
ESQ - M400	35	ROAD CORRIDOR IDENTIFIER STA (1+933.35 - 2+077.88)	0
ESQ - M401	36	ROAD CORRIDOR IDENTIFIER STA (2+077.88 - 2+260.00)	0
ESQ - M402	37	ROAD CORRIDOR IDENTIFIER STA (2+260.00 - 2+430.00)	0
ESQ - M403	38	ROAD CORRIDOR IDENTIFIER STA (2+430.00 - 2+610.00)	0
ESQ - M404	39	ROAD CORRIDOR IDENTIFIER STA (2+610.00 - 2+780.00)	0
ESQ - M405	40	ROAD CORRIDOR IDENTIFIER STA (2+780.00 - 2+950.00)	0
ESQ - M406	41	ROAD CORRIDOR IDENTIFIER STA (2+950.00 - 3+084.00)	0
ESQ - M407	42	ROAD CORRIDOR IDENTIFIER STA (3+084.00 - 3+220.00)	0
ESQ - M408	43	ROAD CORRIDOR IDENTIFIER STA (3+220.00 - 3+305.00)	0



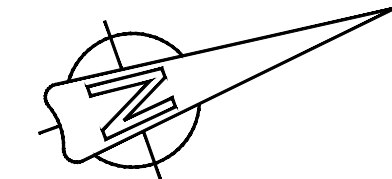
LOCATION PLAN

SCALE 1 : 4000

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	
STREET LIGHT	
SEWER VENT	
SEWER CLEANOUT SCO	
WATER METER	
SERVICE VALVE	

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.		

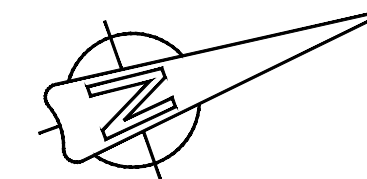
TOWNSHIP OF ESQUIMALT			
LAMPSON ST. INVESTIGATIVE WORK			
SEWER IDENTIFIER STA (1+651.70- 1+788.60)			
CONTROL MONUMENTS			
DESIGN	EF5	DRAWN	EF5
SURVEY	HH	DATE	2017.02.10
SCALES: H=1:250			

DESIGN DWG. NO.	ESQ-M100
Sheet #	2

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



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
DRAIN CLEANOUT	DRAIN VENT
GAS METER	STREET LIGHT
SEWER CLEANOUT	SEWER VENT
WATER METER	SERVICE VALVE

REVISIONS	
ISSUED FOR REVIEW	

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

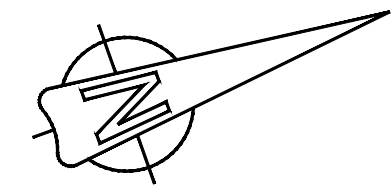
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EXCEPTIONS	DATE	SIGN
DESIGN ENG.	17.02.10	WW
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
SEWER IDENTIFIER STA (1+788.60 - 1+933.35)

DESIGN DWG. NO.	ESQ-M101
Sheet #	3

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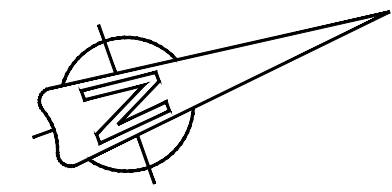
LEGEND:
 SMH#### = IDENTIFIER CODE FOR SEWER MANHOLE STRUCTURE
 SLC#### = IDENTIFIER CODE FOR SEWER SERVICE LATERAL CONNECTION
 SGM#### = IDENTIFIER CODE FOR GRAVITY TYPE SEWER MAIN PIPE
 SIC#### = IDENTIFIER CODE FOR SEWER INSPECTION CHAMBER



CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES	LEGEND - Existing services shown solid										REVISIONS			REVISIONS APPROVED			DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		DESIGN DWG. NO. Sheet #
	CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL POLE T	SURVEY MONUMENT	REVISION 1	REVISION 2	REVISION 3	EXCEPTIONS	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK		DESIGN DWG. NO. Sheet #							
	DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT DCO	DRAIN VENT DV	IRON PIN IP	APP.	DATE	SIGN	APPROVED BY	17.02.10	WW	SEWER IDENTIFIER STA (1+933.35 - 2+077.88)									
	GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG LP	ISSUED FOR REVIEW			DESIGN ENG.	CONTROL MONUMENTS											
SEWER —S—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG LP				ASSIST. ENG.	DESIGN EFS DRAWN EFS SURVEY HH												
WATER —W—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT SCO	SEWER VENT SV	TRAVERSE HUB TH				MUNICIPAL ENG.	SCALES: H=1:250 DATE 2017.02.10												
ELECTRICAL —E—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL PK																	

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LEGEND:
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CONFIRM
 UNDERGROUND
 LOCATIONS WITH
 UTILITY COMPANIES

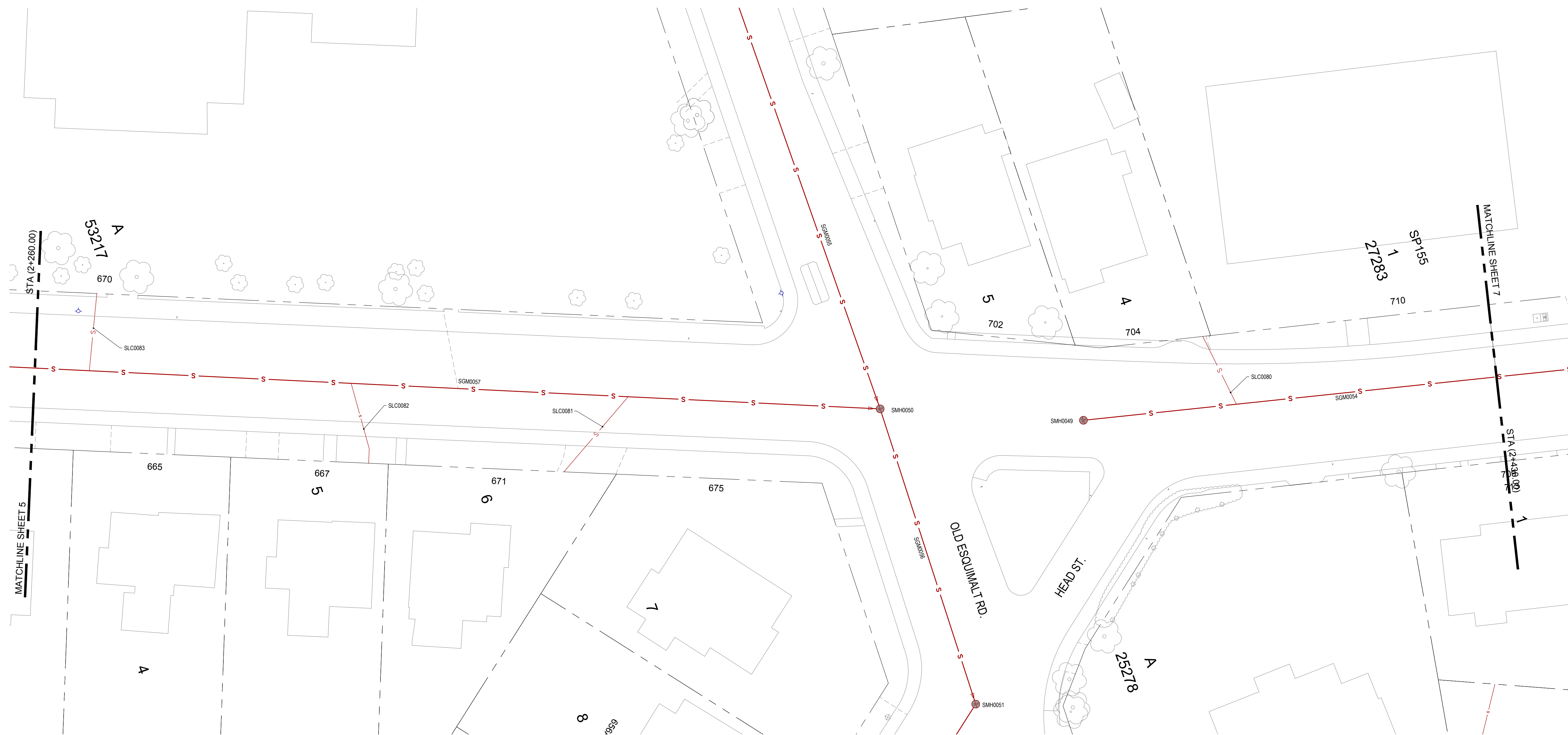
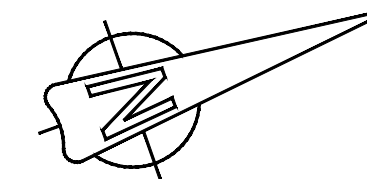
LEGEND - Existing services shown solid	
CABLE —TV—	TEL POLE —T—
DRAIN —D—	SURVEY MONUMENT —SM—
GAS —GAS—	IRON PIN —IP—
SEWER —S—	LEAD PLUG —LP—
WATER —W—	TRAVERSE HUB —TH—
ELECTRICAL —E—	P.K. NAIL —PK—
SIDEWALK S/W	TREE
DRAIN MANHOLE	CATCH BASIN
GAS VALVE	GAS SNIFFER
SEWER MANHOLE	SEWER LAMPHOLE
WATER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

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

TOWNSHIP OF ESQUIMALT			
LAMPSON ST. INVESTIGATIVE WORK			
SEWER IDENTIFIER STA (2+077.88 - 2+260.00)			
CONTROL MONUMENTS			
DESIGN	DATE	SIGN	DESIGN NO.
DESIGNED BY	17.02.10	WW	ESQ-M103
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ASSIST. ENG.			
MUNICIPAL ENG.			
DESIGN EFS	DRAWN EFS	SURVEY HH	Sheet #
DATE 2017.02.10			5
SCALES: H=1:250			

DISCLAIMER:
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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	
CATCH BASIN	
DRAIN CLEANOUT	
DRAIN VENT	
STREET LIGHT	
SEWER MANHOLE	
SEWER LAMPHOLE	
SEWER CLEANOUT	
SEWER VENT	
WATER VALVE	
FIRE HYDRANT	
WATER METER	
SERVICE VALVE	

REVISIONS

ISSUED FOR REVIEW

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

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
	17.02.10	WW

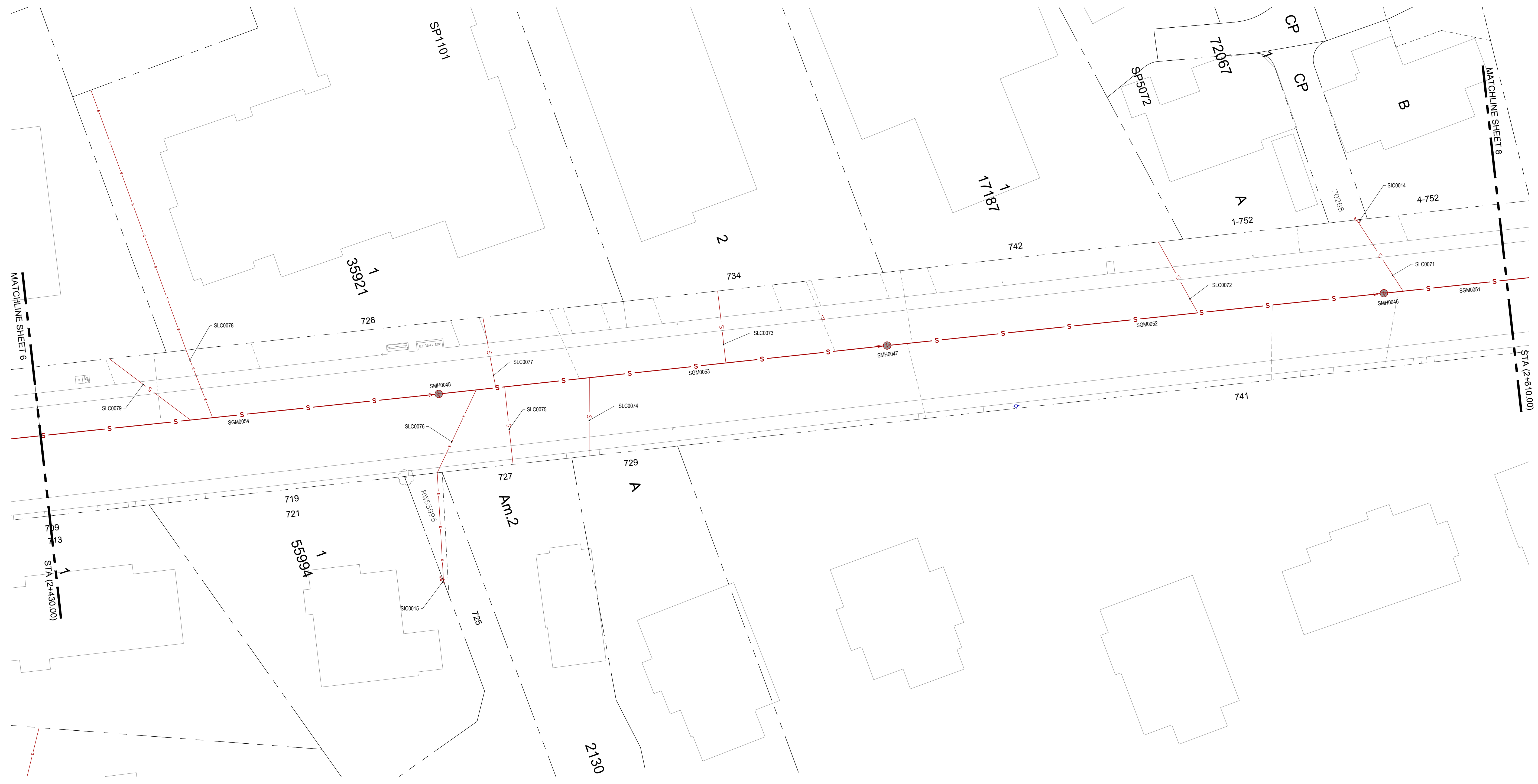
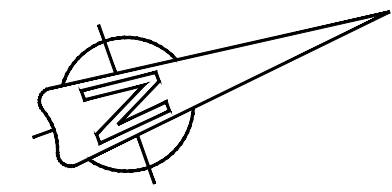
TOWNSHIP OF ESQUIMALT
 LAMPSON ST. INVESTIGATIVE WORK
 SEWER IDENTIFIER STA (2+260.00 - 2+430.00)

DESIGN DWG. NO.	ESQ-M104
DESIGN EFS	DATE 2017.02.10
DRAWN EFS	
SURVEY HH	
Sheet #	6

SCALE: H=1:250

DISCLAIMER:
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 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	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

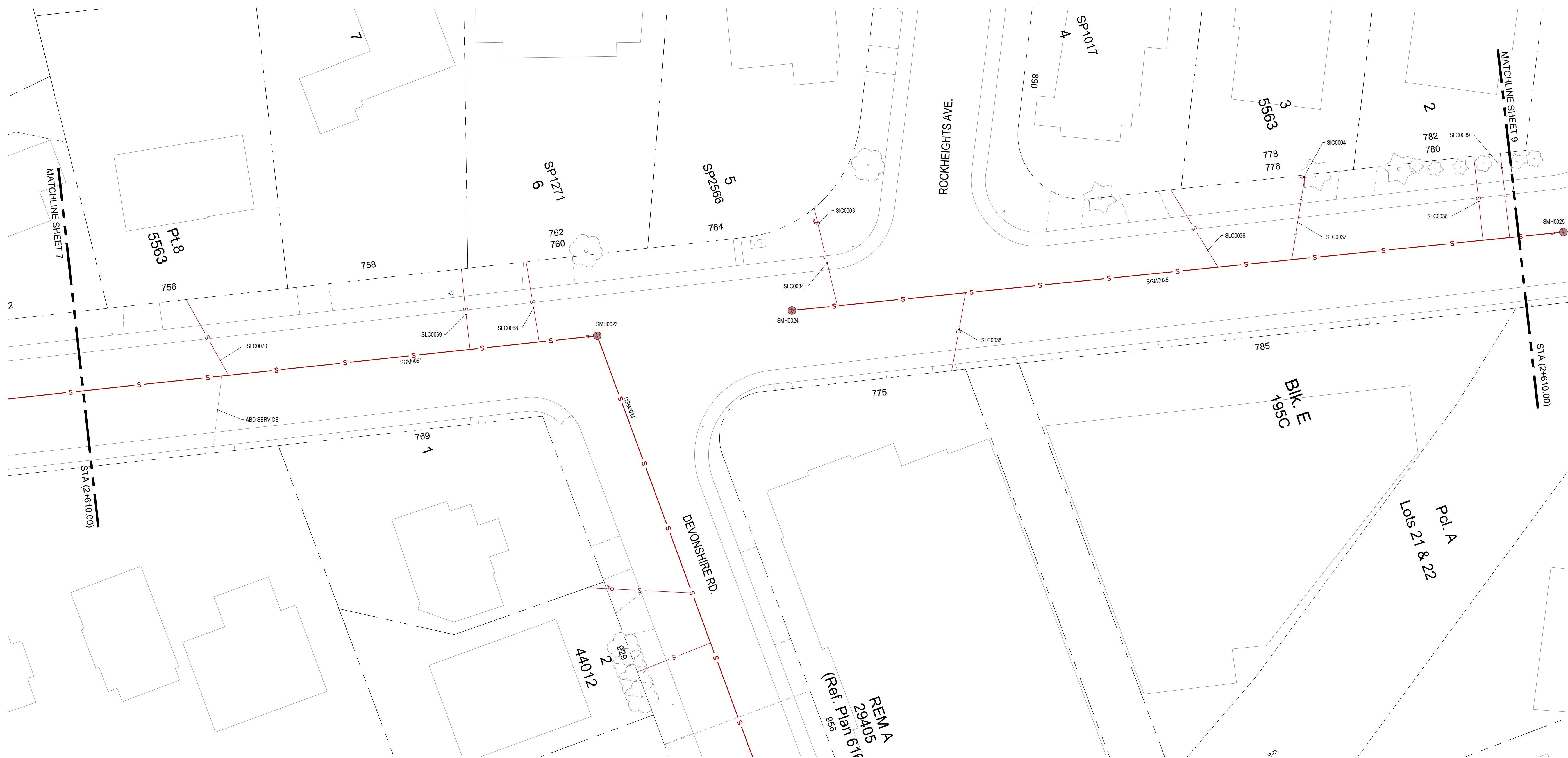
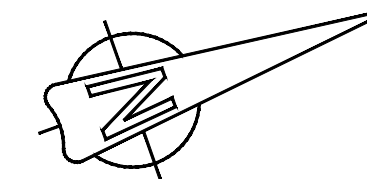
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NO.	DESCRIPTION	APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN
1	ISSUED FOR REVIEW									

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK		
	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

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 SLC#### = IDENTIFIER CODE FOR SEWER SERVICE LATERAL CONNECTION
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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	GAS METER
IRON PIN	SEWER CLEANOUT
LEAD PLUG	STREET LIGHT
TRAVERSE HUB	SEWER VENT
P.K. NAIL	SEWER CLEANOUT
	WATER METER
	SERVICE VALVE

REVISIONS	
ISSUED FOR REVIEW	

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

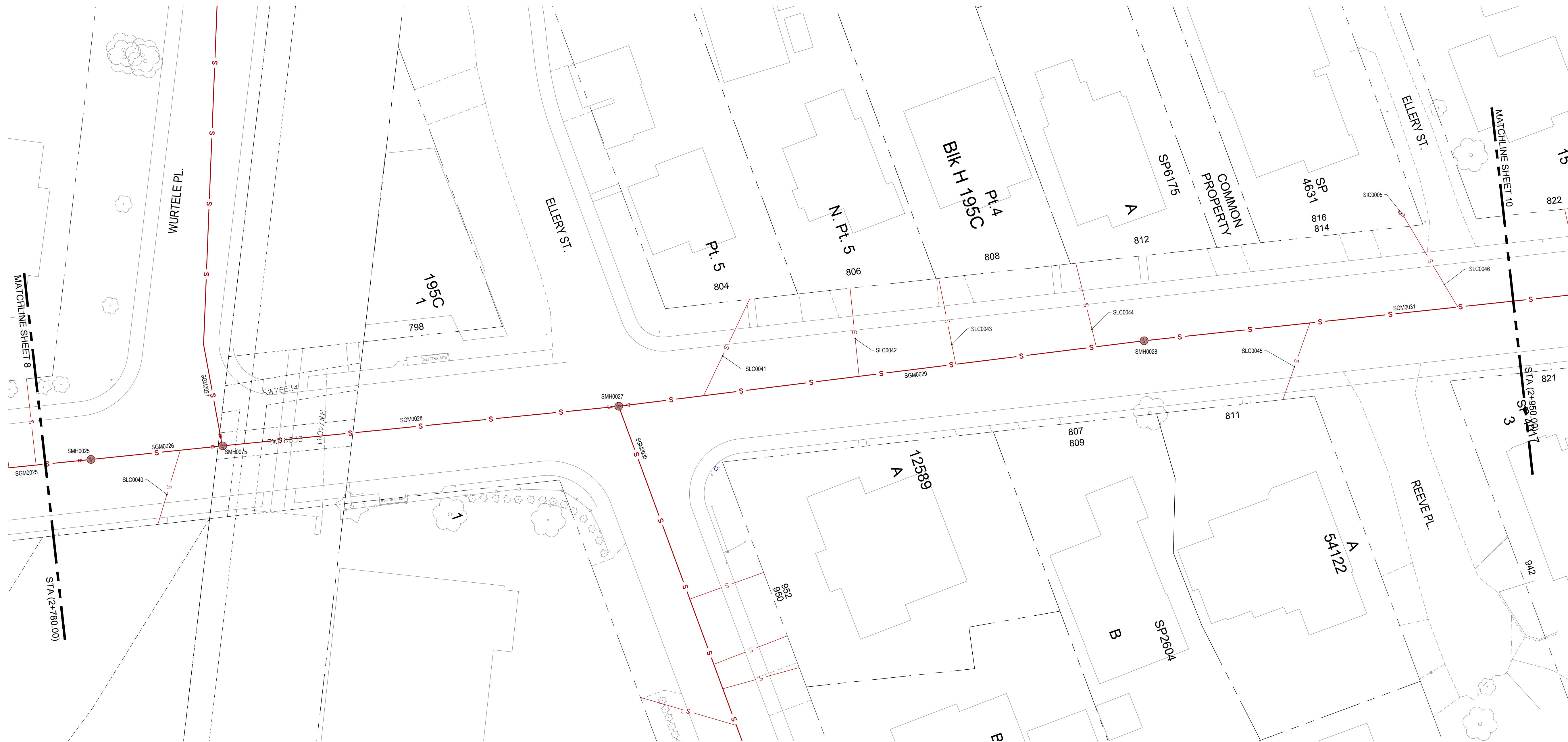
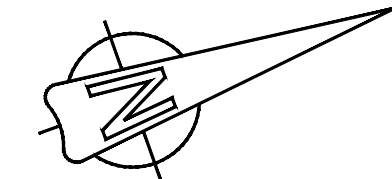
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EXCEPTIONS	DATE	SIGN
	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT			
LAMPSON ST. INVESTIGATIVE WORK			
SEWER IDENTIFIER STA (2+610.00 - 2+780.00)			
CONTROL MONUMENTS			
DESIGN	DFS	DRAWN	DFS
EFS		EFS	
SCALES: H=1:250		SURVEY HH	
		DATE 2017.02.10	

DESIGN DWG. NO.	ESQ-M106
Sheet #	8

DISCLAIMER:
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 SLC#### = IDENTIFIER CODE FOR SEWER SERVICE LATERAL CONNECTION
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 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
DRAIN CLEANOUT	DRAIN VENT
GAS METER	STREET LIGHT
SEWER CLEANOUT	SEWER VENT
WATER METER	SERVICE VALVE

REVISIONS	
ISSUED FOR REVIEW	

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

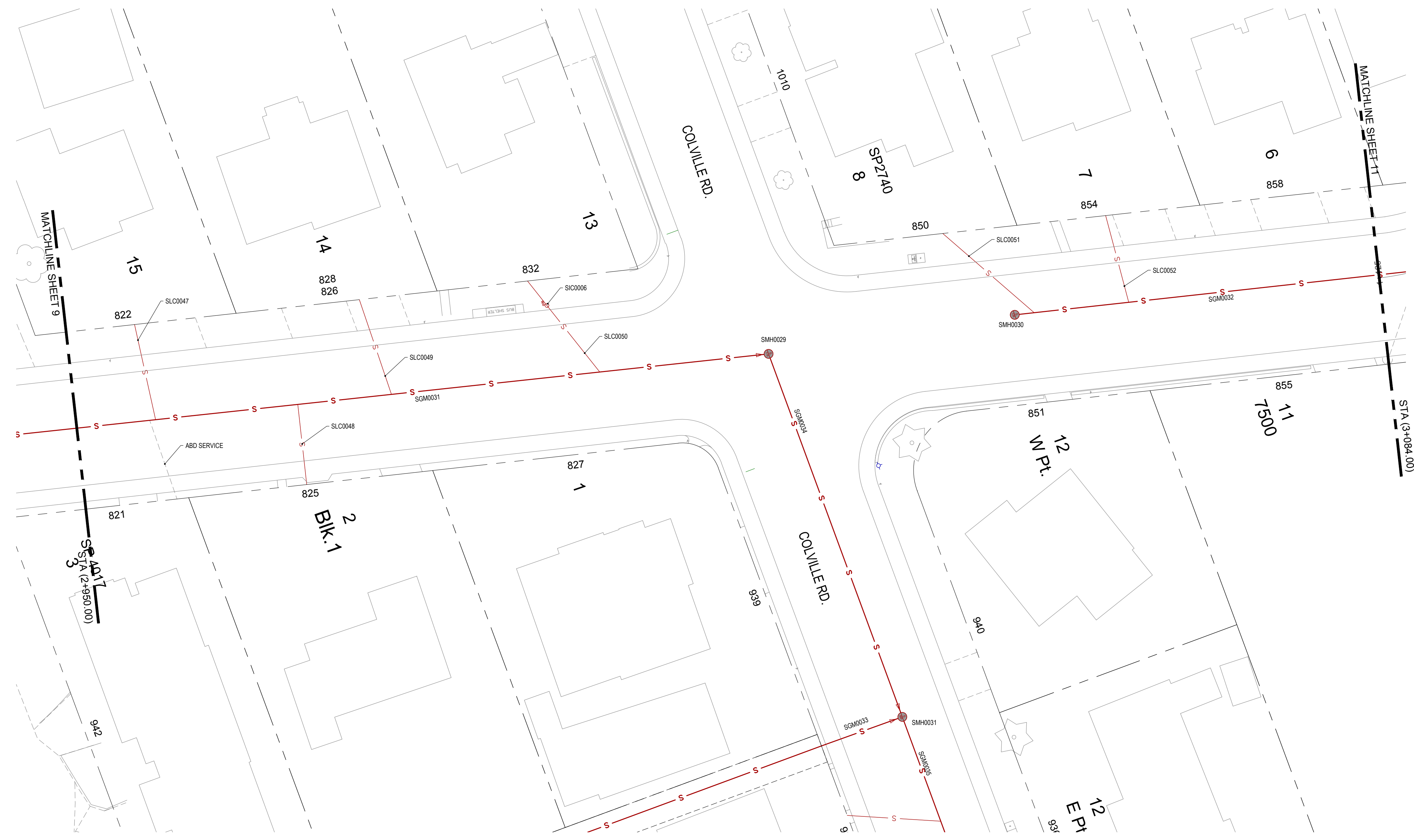
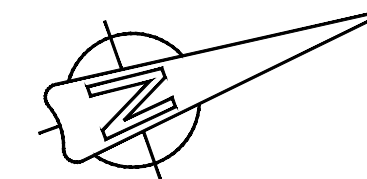
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EXCEPTIONS	DATE
	17.02.10

TOWNSHIP OF ESQUIMALT
 LAMPSON ST. INVESTIGATIVE WORK
 SEWER IDENTIFIER STA (2+780 - 2+950.00)

DESIGN DWG. NO.	ESQ-M107
DESIGN EFS	DATE 2017.02.10
DRAWN EFS	SURVEY HH
SCALE: H=1:250	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:
 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—	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		
	REVISION 1	REVISION 2	REVISION 3	EXCEPTIONS	DATE	SIGN
ISSUED FOR REVIEW	APP.	DATE	SIGN	APP.	DATE	SIGN

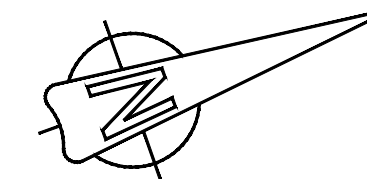
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EXCEPTIONS	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK		
DESIGN ENG.	17.02.10	WW	SEWER IDENTIFIER STA (2+950.00 - 3+084.00)		
ASSIST. ENG.			DESIGN	EFS	HH
MUNICIPAL ENG.			SCALES:	H=1:250	DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M108
Sheet #	10

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
- SFM#### = IDENTIFIER CODE FOR SEWER FORCE MAIN
- 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			DESIGN APPROVED		
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ISSUED FOR REVIEW	APP.	DATE	SIGN	APP.	DATE	SIGN

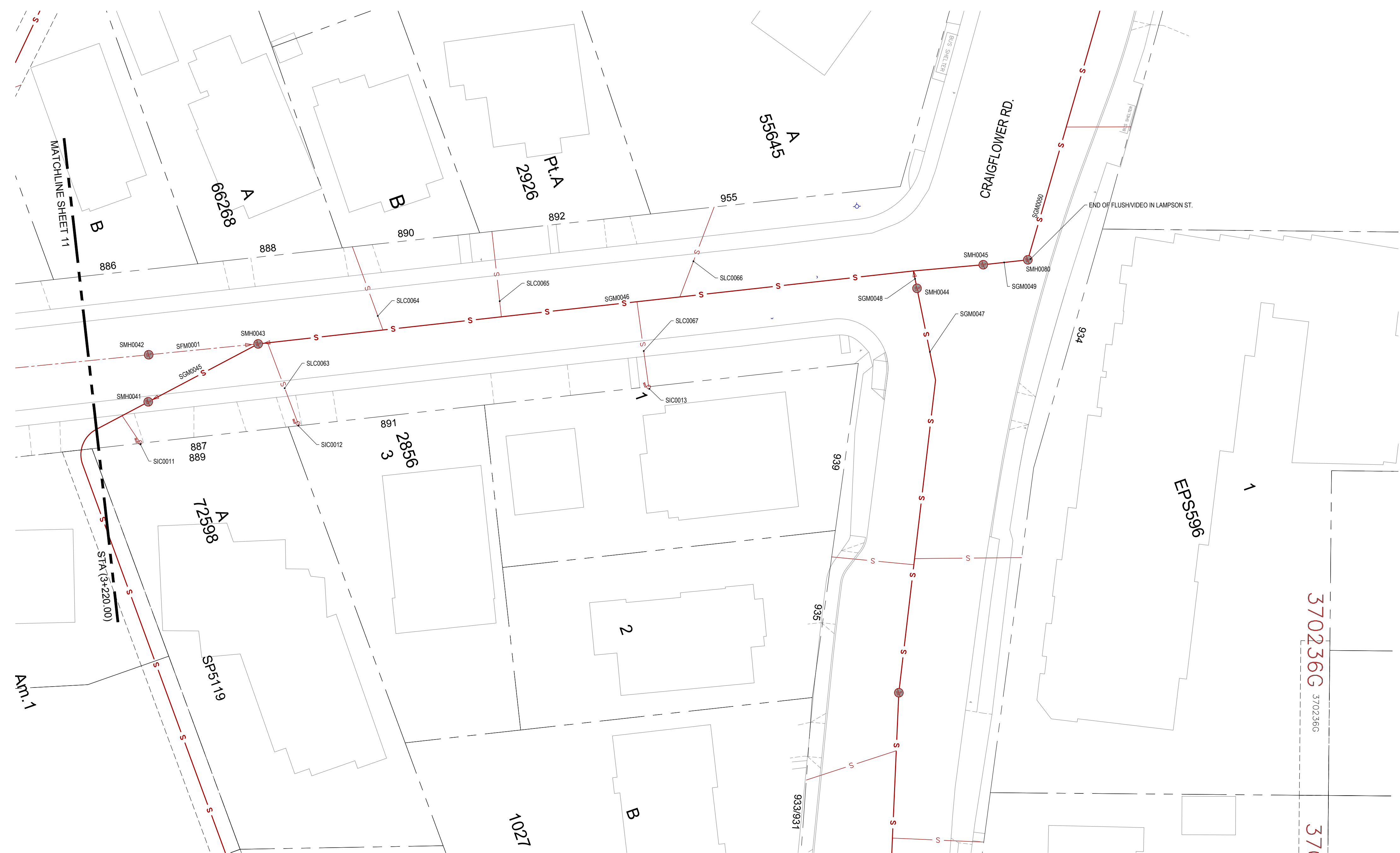
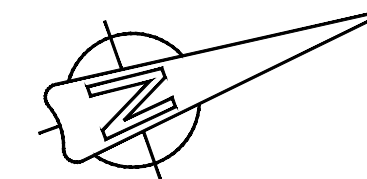
TOWNSHIP OF ESQUIMALT			
LAMPSON ST. INVESTIGATIVE WORK			
SEWER IDENTIFIER STA (3+084.00 - 3+220.00)			
DESIGN	CONTROL MONUMENTS	DESIGN	DATE
EFS	EFS	HH	2017.02.10
SCALES:	H=1:250		

DESIGN DWG. NO.	ESQ-M109
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:

- SMH#### = IDENTIFIER CODE FOR SEWER MANHOLE STRUCTURE
- SLC#### = IDENTIFIER CODE FOR SEWER SERVICE LATERAL CONNECTION
- SGM#### = IDENTIFIER CODE FOR GRAVITY TYPE SEWER MAIN PIPE
- SFM#### = IDENTIFIER CODE FOR SEWER FORCE MAIN
- 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—	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
DRAIN CLEANOUT	DRAIN VENT
GAS METER	STREET LIGHT
SEWER CLEANOUT	SEWER VENT
WATER METER	SERVICE VALVE

REVISIONS	
ISSUED FOR REVIEW	

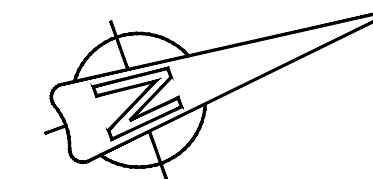
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REVISION 1		REVISION 2		REVISION 3	
APP.	DATE	SIGN	APP.	DATE	SIGN

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

TOWNSHIP OF ESQUIMALT
 LAMPSON ST. INVESTIGATIVE WORK
 SEWER IDENTIFIER STA (3+220.00 - 3+305.00)

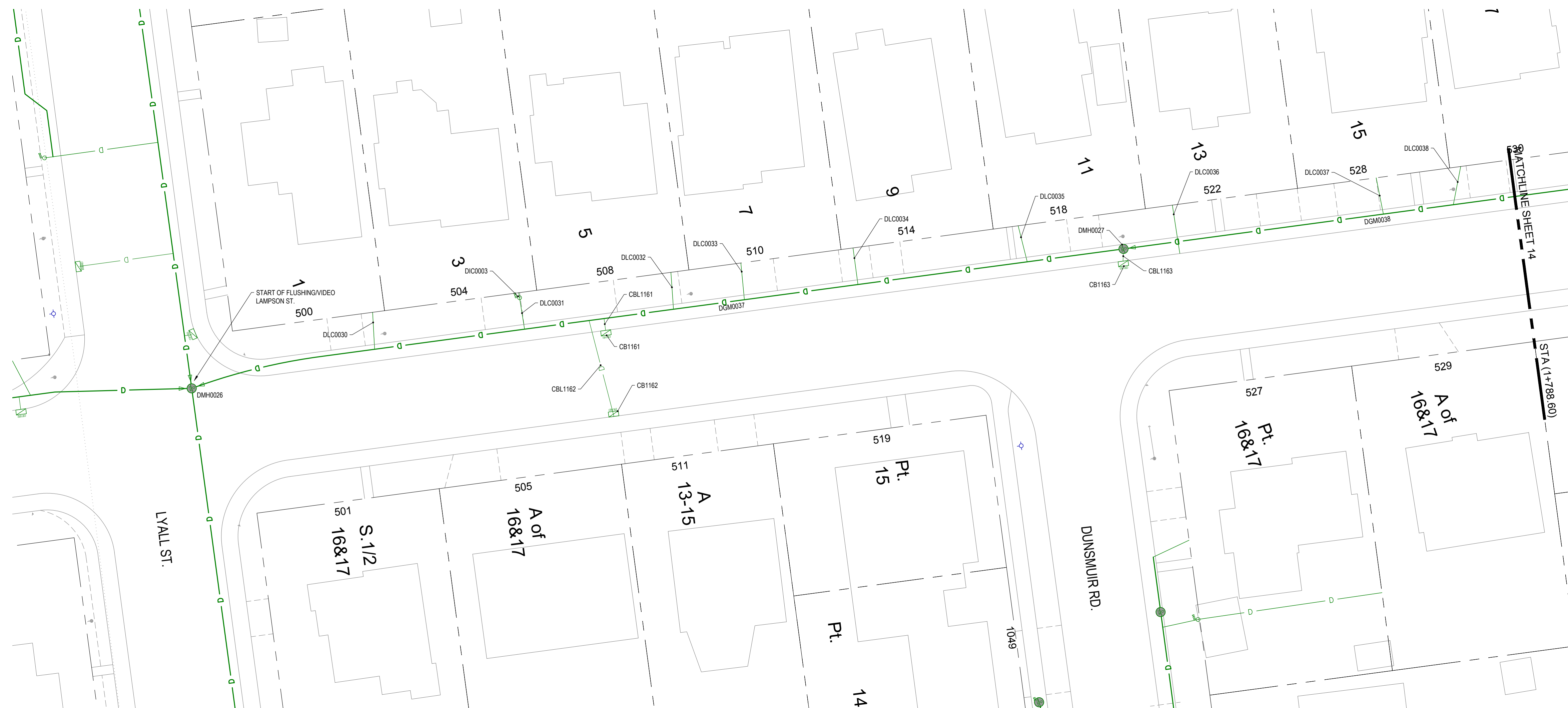
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Sheet #	12

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:

- 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	APP.	DATE	SIGN

DESIGN APPROVED

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

TOWNSHIP OF ESQUIMALT

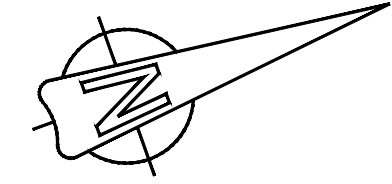
LAMPSON ST. INVESTIGATIVE WORK
 DRAIN IDENTIFIER STA (1+933.35 - 2+077.88)
 CONTROL MONUMENTS
 DESIGN EFS DRAWN EFS SURVEY HH
 SCALES: H=1:250 DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M200
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
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
	STREET LIGHT
	TRaverse HUB
	P.K. NAIL
	SURVEY MONUMENT
	IRON PIN
	LEAD PLUG
	DRAIN CLEANOUT
	GAS METER
	GAS SNIFFER
	SEWER LAMPHOLE

REVISIONS	
ISSUED FOR REVIEW	

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

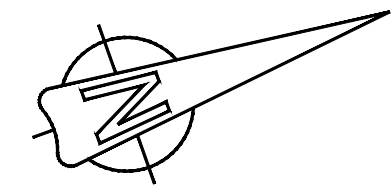
DESIGN APPROVED	
EXCEPTIONS	DATE
	17.02.10

TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
 DRAIN IDENTIFIER STA (1+933.35 - 2+077.88)

DESIGN DWG. NO.	ESQ-M201
DESIGN EFS	DATE 2017.02.10
DRAWN EFS	
SURVEY HH	
SCALE: H=1:250	
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:
 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—	TEL POLE
DRAIN —D—	SURVEY MONUMENT
GAS —GAS—	IRON PIN
SEWER —S—	LEAD PLUG
WATER —W—	TRAVERSE HUB
ELECTRICAL —E—	P.K. NAIL
SEWER MANHOLE	SEWER VENT
WATER VALVE	SERVICE VALVE
SEWER LAMPHOLE	SEWER CLEANOUT
CATCH BASIN	WATER METER
DRAIN CLEANOUT	STREET LIGHT
DRAIN VENT	LEAD PLUG
SEWER CLEANOUT	TRAVERSE HUB
SEWER VENT	P.K. NAIL
WATER METER	
STREET LIGHT	
LEAD PLUG	
TRAVERSE HUB	
P.K. NAIL	

REVISIONS	
ISSUED FOR REVIEW	

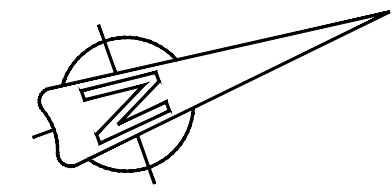
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APP.	DATE	APP.	DATE	APP.	DATE

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

TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
DRAIN IDENTIFIER STA (1+933.35 - 2+077.88)

DESIGN DWG. NO.	SHEET #
ESQ-M202	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

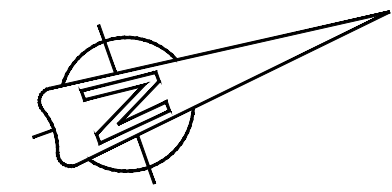
CONFIRM
 UNDERGROUND
 LOCATIONS WITH
 UTILITY COMPANIES

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

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

TOWNSHIP OF ESQUIMALT									
LAMPSON ST. INVESTIGATIVE WORK									
DRAIN IDENTIFIER STA (2+077.88 - 2+260.00)									
CONTROL MONUMENTS									
DESIGN	DATE	SIGN	DESIGN	DATE	SIGN	SURVEY	DATE	SIGN	SHEET #
APPROVED BY	17.02.10	WW	DESIGN ENG.			HH	2017.02.10		16
ASSIST. ENG.									
MUNICIPAL ENG.									
DESIGN	EFS		DRAWN	EFS		SURVEY	HH		
SCALES:	H=1:250								

DISCLAIMER:
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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
- 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
- DIC#### = IDENTIFIER CODE FOR DRAIN INSPECTION CHAMBER



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

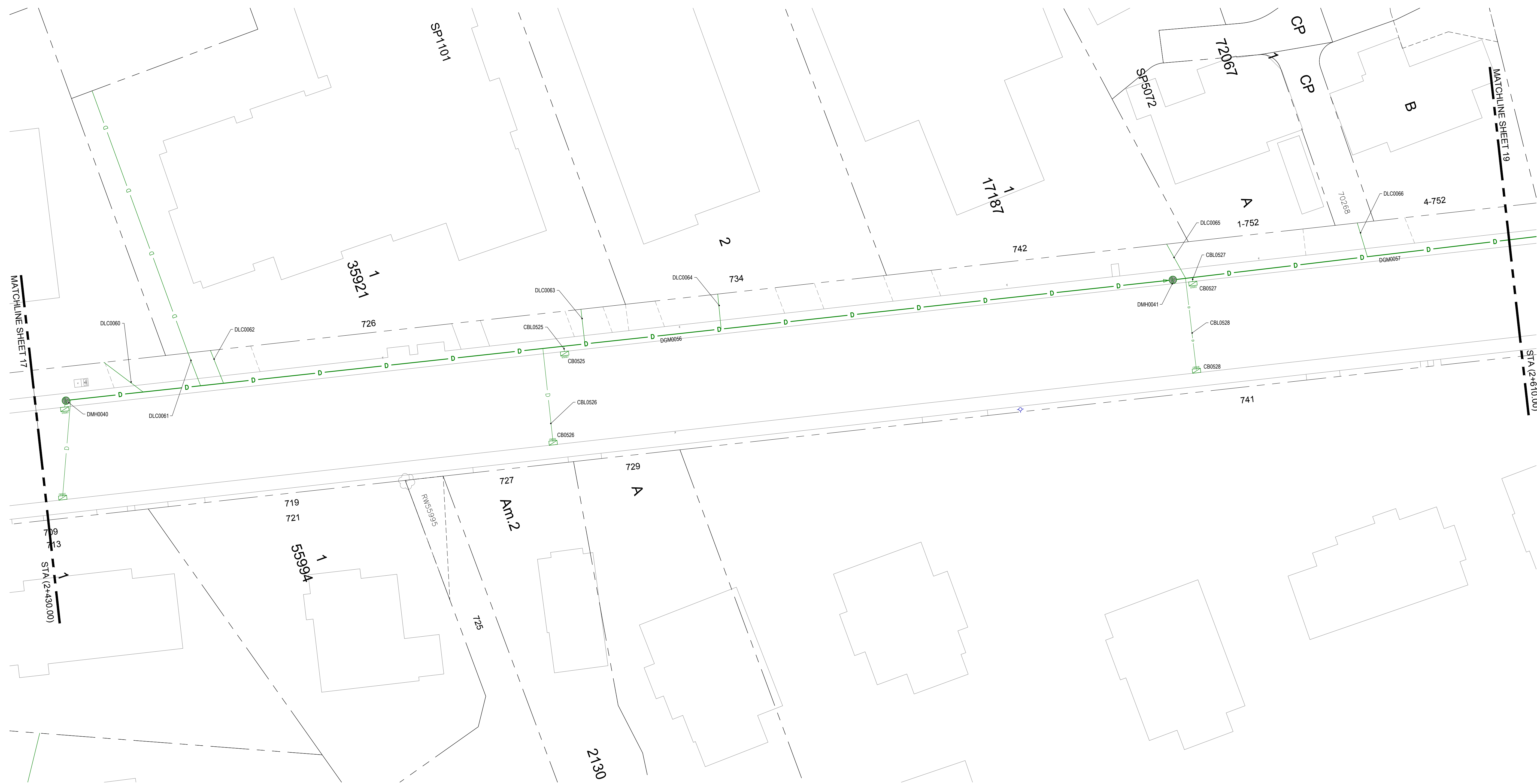
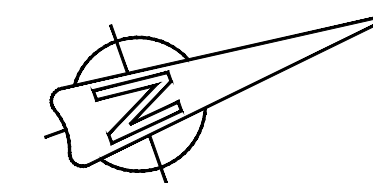
TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
DRAIN IDENTIFIER STA (2+260.00 - 2+430.00)

DESIGN DWG. NO.	ESQ-M204
DESIGN EFS	DRAWN EFS
SURVEY HH	DATE 2017.02.10
SHEET #	17

DISCLAIMER:
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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

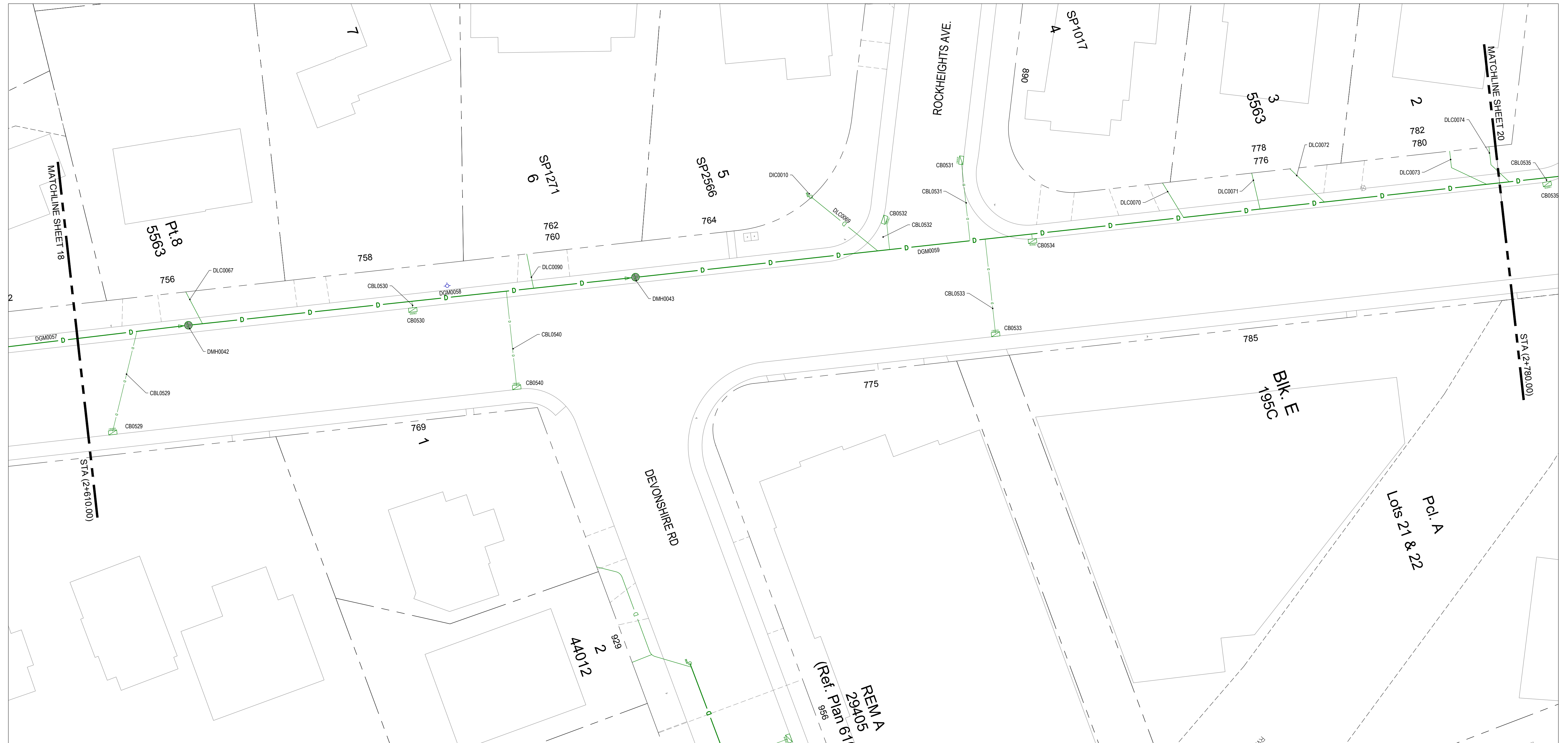
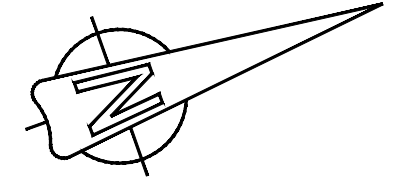


<p>CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES</p>	<p>LEGEND - Existing services shown solid</p>										<p>REVISIONS</p>			<p>REVISIONS APPROVED</p>						<p>DESIGN APPROVED</p>			<p>TOWNSHIP OF ESQUIMALT</p>		<p>DESIGN DWG. NO. ESQ-M205</p>
	<p>CABLE —TV— SIDEWALK S/W TREE ELECTRIC POLE TEL POLE SURVEY MONUMENT </p>										<p>REVISION 1</p>			<p>REVISION 2</p>			<p>REVISION 3</p>			<p>EXCEPTIONS DATE SIGN</p>			<p>LAMPSON ST. INVESTIGATIVE WORK</p>		
	<p>DRAIN —D— DRAIN MANHOLE CATCH BASIN DRAIN CLEANOUT DRAIN VENT IRON PIN </p>										<p>APP. DATE SIGN</p>			<p>APP. DATE SIGN</p>			<p>APP. DATE SIGN</p>			<p>APPROVED BY 17.02.10 WW</p>			<p>DRAIN IDENTIFIER STA (2+430.00 - 2+610.00)</p>		
	<p>GAS —GAS— GAS VALVE GAS SNIFFER GAS METER STREET LIGHT LEAD PLUG </p>										<p>ISSUED FOR REVIEW</p>									<p>DESIGN ENG. CONTROL MONUMENTS</p>			<p>DESIGN EFS DRAWN EFS SURVEY HH</p>		
<p>SEWER —S— SEWER MANHOLE SEWER LAMPHOLE SEWER CLEANOUT SEWER VENT TRAVERSE HUB </p>																			<p>ASSIST.ENG. MUNICIPAL ENG.</p>			<p>SCALE: H=1:250 DATE 2017.02.10</p>		<p>Sheet # 18</p>	
<p>WATER —W— WATER VALVE FIRE HYDRANT WATER METER SERVICE VALVE P.K. NAIL </p>																									

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

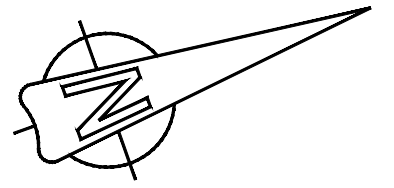


CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES	LEGEND - Existing services shown solid															REVISIONS			REVISIONS APPROVED						DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		DESIGN DWG. NO. ESQ-M206 Sheet # 19
	CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL. POLE T	SURVEY MONUMENT				REVISION 1		REVISION 2		REVISION 3		EXCEPTIONS	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK DRAIN IDENTIFIER STA (2+610.00 - 2+780.00)											
	DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT	DRAIN VENT	IRON PIN	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	ISSUED FOR REVIEW									DESIGN ENG.	CONTROL MONUMENTS													
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT	SEWER VENT	TRAVERSE HUB										ASSIST. ENG.	DESIGN EFS														
WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL										MUNICIPAL ENG.	DRAWN EFS														
ELECTRICAL —E—															SURVEY HH															
															DATE 2017.02.10															
															SCALE: 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:

- 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	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	APP.	DATE	APP.	DATE

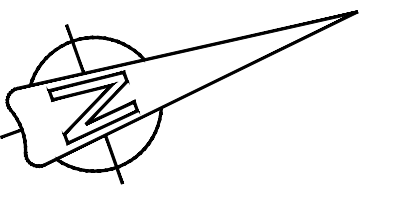
DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
DRAIN IDENTIFIER STA (2+780 - 2+950.00)

DESIGN DWG. NO.	Sheet #
ESQ-M207	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:
 DM##### = 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—	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
SEWALK 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
DRAIN CLEANOUT DCO	DRAIN VENT DV
GAS METER	STREET LIGHT
SEWER CLEANOUT SCO	SEWER VENT SV
WATER METER	SERVICE VALVE

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

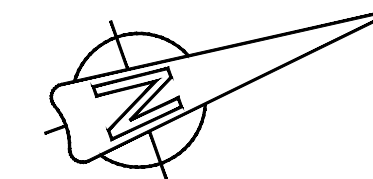
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EXCEPTIONS	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK		
DESIGN ENG.	17.02.10	WW	DRAIN IDENTIFIER STA (2+950.00 - 3+084.00)		
ASSIST. ENG.			CONTROL MONUMENTS		
MUNICIPAL ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
			SCALES: H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M208
Sheet #	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

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
- 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
- DIC##### = IDENTIFIER CODE FOR DRAIN INSPECTION CHAMBER



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	

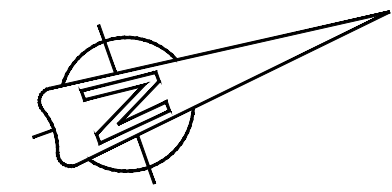
REVISIONS APPROVED					
REVISION 1		REVISION 2		REVISION 3	
APP.	DATE	SIGN	APP.	DATE	SIGN

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

TOWNSHIP OF ESQUIMALT			
LAMPSON ST. INVESTIGATIVE WORK			
DRAIN IDENTIFIER STA (3+084.00 - 3+220.00)			
DESIGN	MONUMENTS		
DESIGN EFS	DRAWN EFS	SURVEY HH	
SCALES: H=1:250		DATE 2017.02.10	

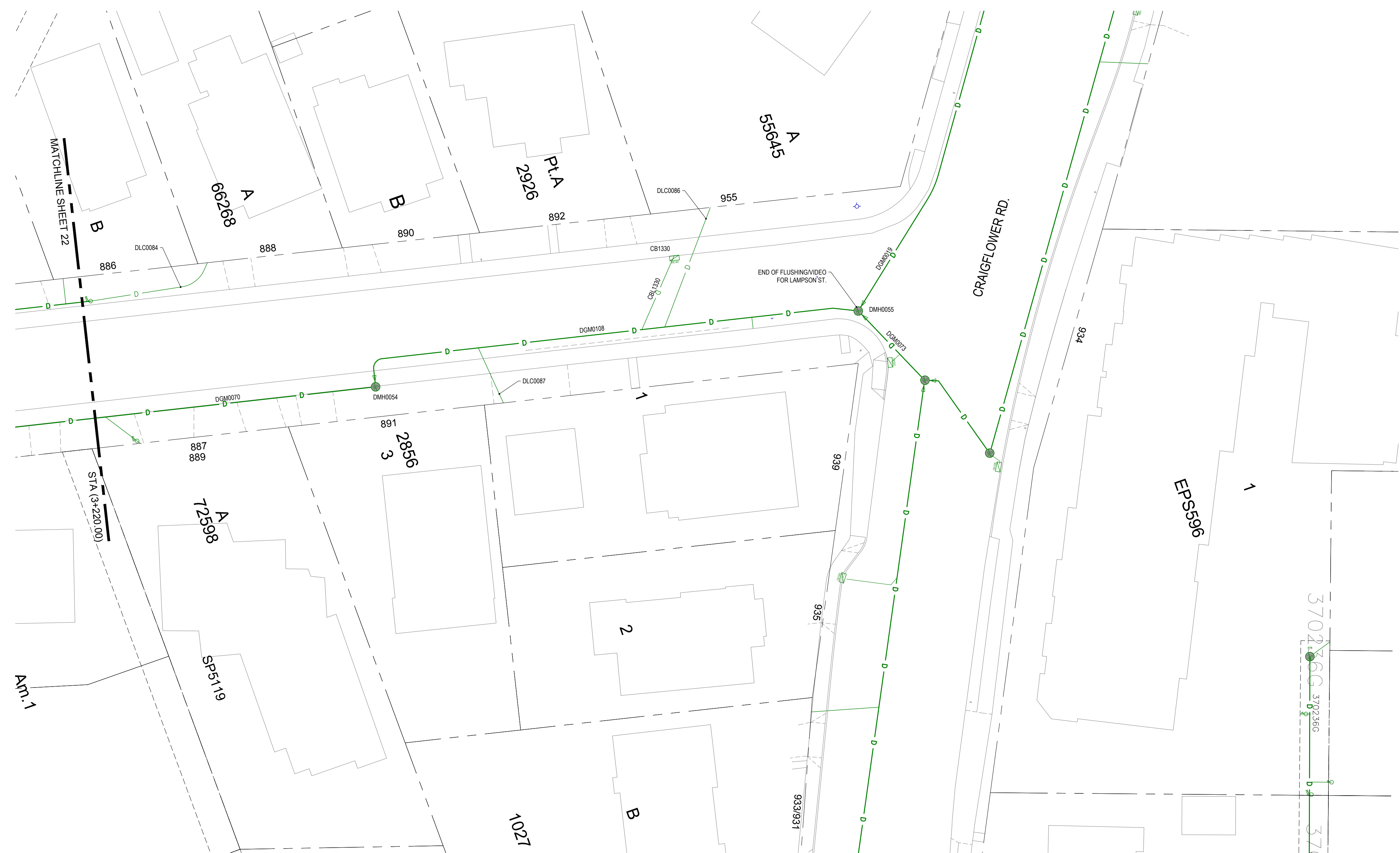
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Sheet #	22

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
- DCC#### = IDENTIFIER CODE FOR DRAIN 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 T
WATER —W—	SURVEY MONUMENT
ELECTRICAL —E—	DRAIN MANHOLE
	CATCH BASIN
	DRAIN CLEANOUT DCO
	DRAIN VENT DV
	IRON PIN IP
	GAS VALVE
	GAS SNIFFER
	GAS METER
	STREET LIGHT
	LEAD PLUG LP
	SEWER MANHOLE
	SEWER LAMPHOLE
	SEWER CLEANOUT SCO
	SEWER VENT SV
	TRAVERSE HUB TH
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	SERVICE VALVE
	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

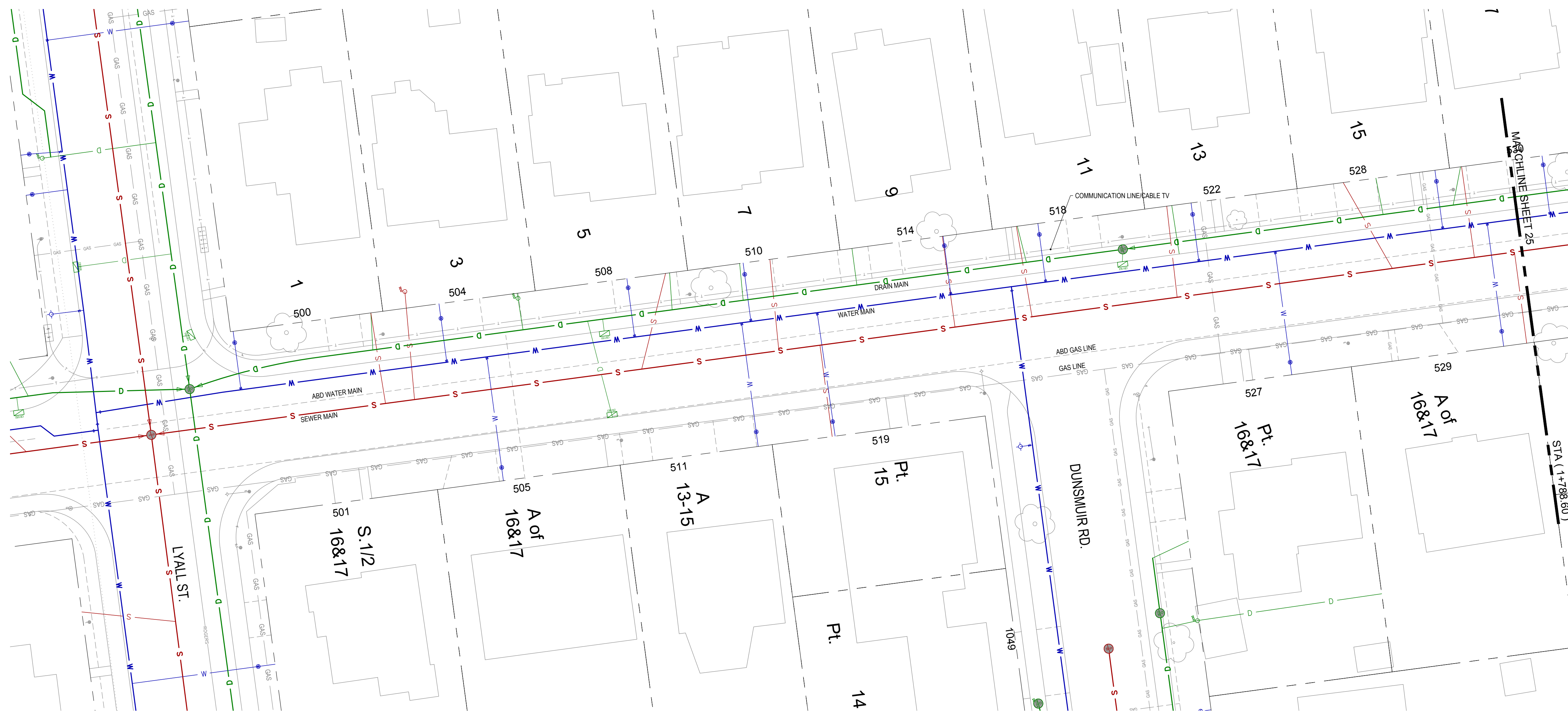
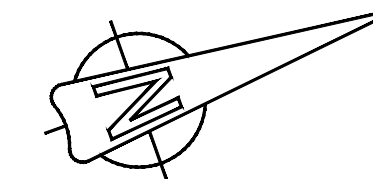
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT

LAMPSON ST. INVESTIGATIVE WORK		
DRAIN IDENTIFIER STA (3+220.00 - 3+305.00)		
CONTROL MONUMENTS		
DESIGN	EFS	DRAWN
EFS	EFS	EFS
SCALES:		HH
H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M210
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
DRAIN —D—	DRAIN MANHOLE
GAS —GAS—	GAS VALVE
SEWER —S—	SEWER MANHOLE
WATER —W—	WATER VALVE
ELECTRICAL —E—	FIRE HYDRANT
ELECTRIC POLE	CATCH BASIN
TEL POLE	DRAIN CLEANOUT
SURVEY MONUMENT	DRAIN VENT
IRON PIN	STREET LIGHT
LEAD PLUG	SEWER LAMPHOLE
TRAVERSE HUB	SEWER CLEANOUT
P.K. NAIL	SEWER VENT
	WATER METER
	SERVICE VALVE

REVISIONS	
ISSUED FOR REVIEW	

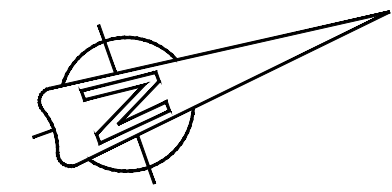
REVISIONS APPROVED					
REVISION 1		REVISION 2		REVISION 3	
APP.	DATE	SIGN	APP.	DATE	SIGN

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

TOWNSHIP OF ESQUIMALT
 LAMPSON ST. INVESTIGATIVE WORK
 COMBINED UTILITIES STA (1+933.35 - 2+077.88)
 CONTROL MONUMENTS
 DESIGN EFS DRAWN EFS SURVEY HH
 SCALES: H=1:250 DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M300
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



TRAFFIC LOOPS TO BE FIELD CHECK AS UPDATE AS IT WAS RECENTLY BEEN UPGRADED.

CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES

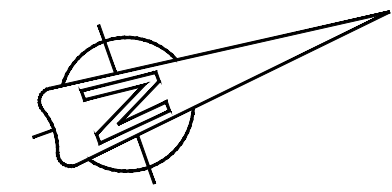
LEGEND - Existing services shown solid					
CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL POLE	SURVEY MONUMENT
DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT	DRAIN VENT	IRON PIN
GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT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

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

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
DESIGN	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK		
DESIGN ENG.			DRAIN IDENTIFIER STA (1+933.35 - 2+077.88)		
ASSIST. ENG.			CONTROL MONUMENTS		
MUNICIPAL ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
			SCALES: H=1:250		DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M301
Sheet #	25

DISCLAIMER:
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CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES

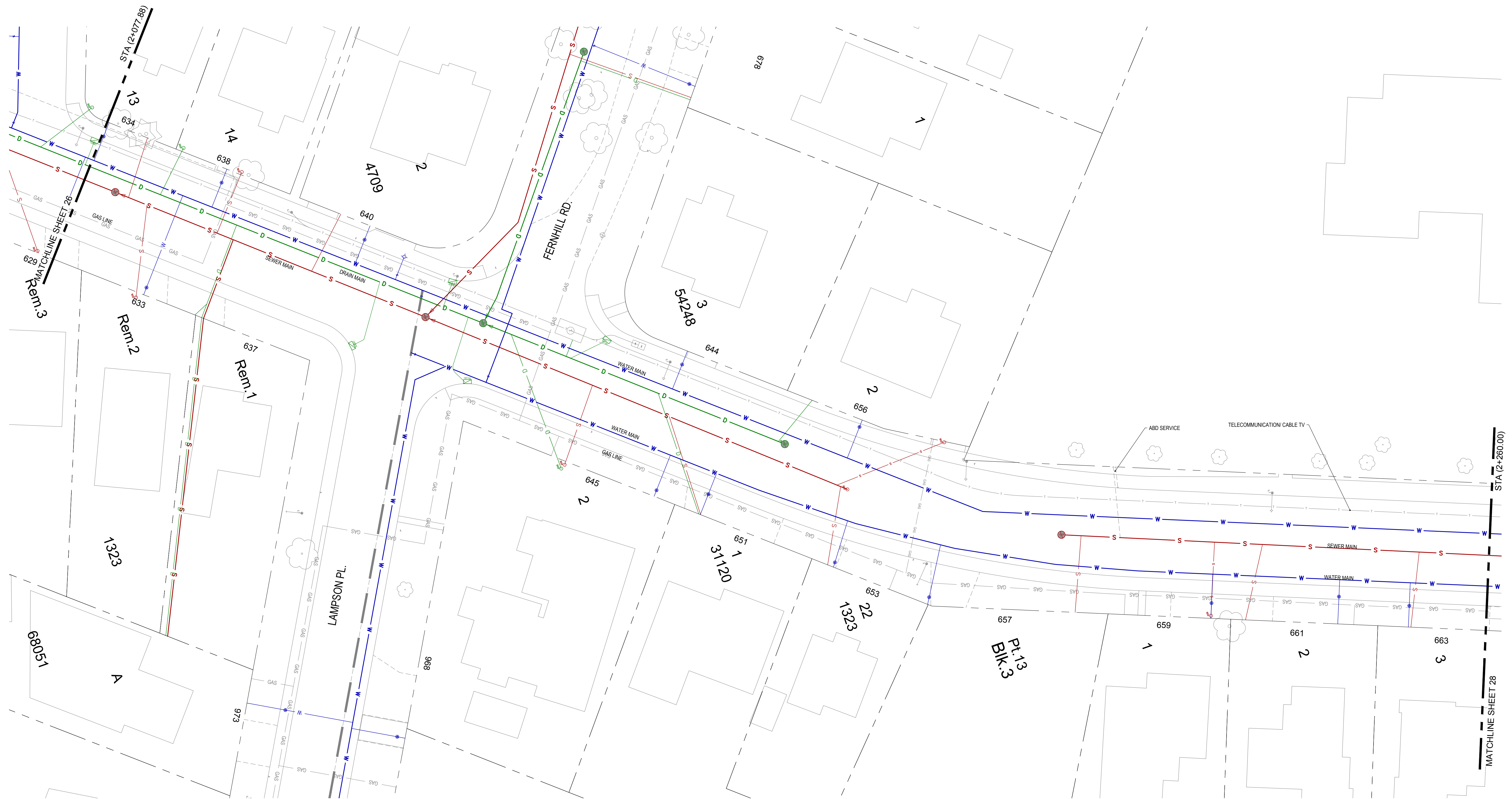
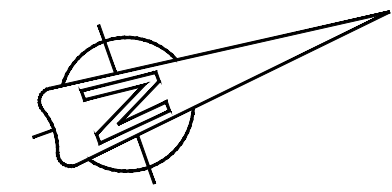
LEGEND - Existing services shown solid	
CABLE — TV —	SEWER — S —
DRAIN — D —	WATER — W —
GAS — GAS —	ELECTRICAL — E —
SIDWALK S/W	WATER VALVE
TREE	FIRE HYDRANT
ELECTRIC POLE	WATER METER
TEL POLE	SERVICE VALVE
SURVEY MONUMENT	P.K. NAIL
IRON PIN	
LEAD PLUG	
TRaverse HUB	
CATCH BASIN	
DRAIN CLEANOUT	
GAS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

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	
LAMPSON ST. INVESTIGATIVE WORK	
COMBINED UTILITIES STA (1+933.35 - 2+077.88)	
DESIGN	ESQ-M302
CONTROL MONUMENTS	
DESIGN EFS	
DRAWN EFS	
SURVEY HH	
DATE 2017.02.10	
Sheet #	26

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



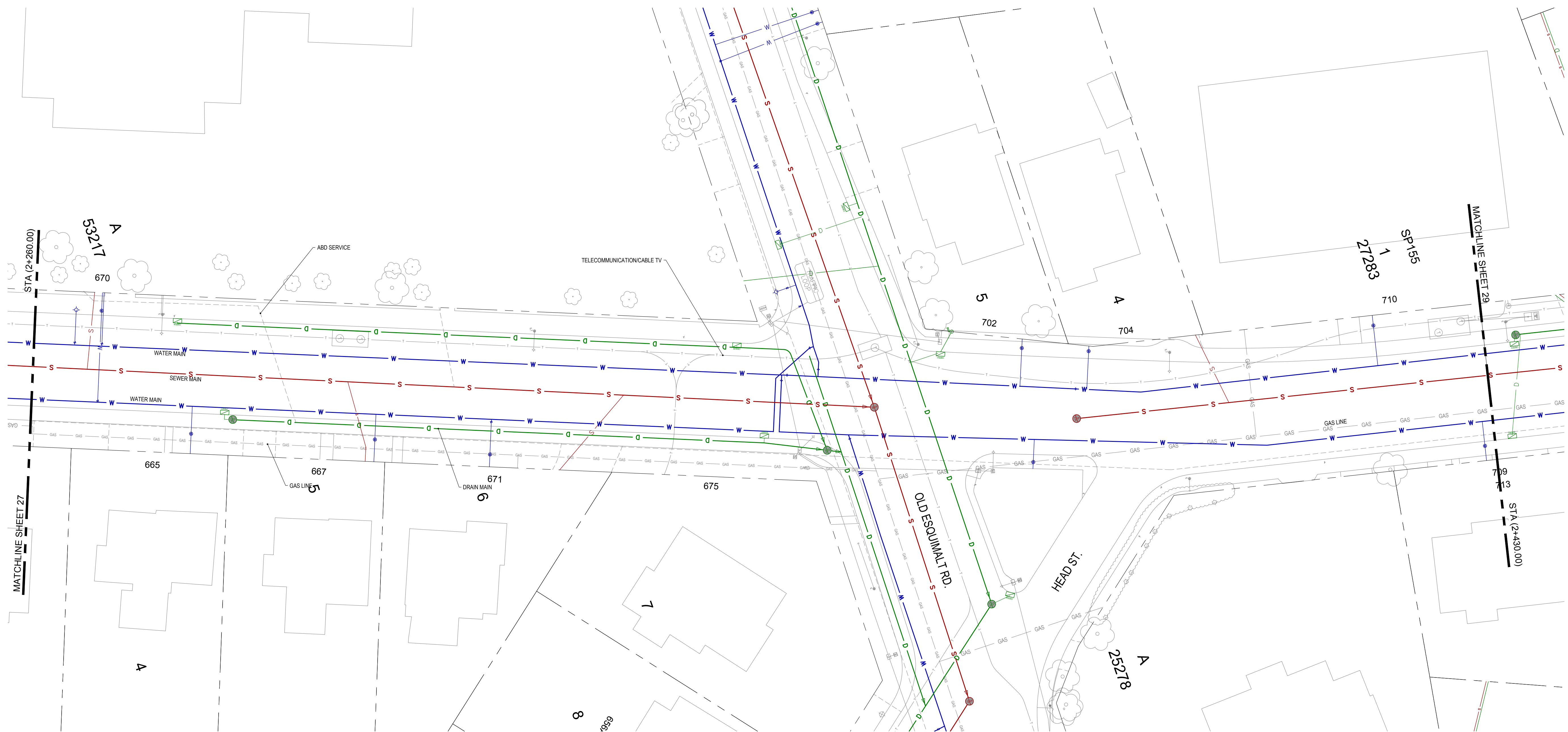
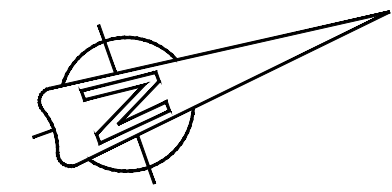
CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES

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

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

TOWNSHIP OF ESQUIMALT						
LAMPSON ST. INVESTIGATIVE WORK						
COMBINED UTILITIES STA (2+077.88 - 2+260.00)						
DESIGN APPROVED			CONTROL MONUMENTS			
EXCEPTIONS	DATE	SIGN	DESIGN	EFS	DRAWN	EFS
	17.02.10	WW				
APPROVED BY						
DESIGN ENG.						
ASSIST. ENG.						
MUNICIPAL ENG.						
DESIGN	EFS					
SCALE:	H=1:250					
DATE	2017.02.10					
DESIGN DWG. NO.						ESQ-M303
Sheet #						27

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	
GAS VALVE	
SEWER MANHOLE	
WATER VALVE	
CATCH BASIN	
GAS SNIFFER	
SEWER LAMPHOLE	
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	
STREET LIGHT	
SEWER VENT	
SERVICE VALVE	
DRAIN CLEANOUT	
SEWER CLEANOUT SCO	
GAS METER	
WATER METER	

REVISIONS	
ISSUED FOR REVIEW	

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

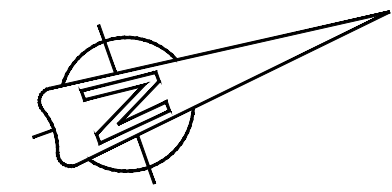
DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
COMBINED UTILITIES STA (2+260.00 - 2+430.00)

CONTROL MONUMENTS	
DESIGN EFS	DRAWN EFS
SURVEY HH	DATE 2017.02.10

DESIGN DWG. NO. **ESQ-M304**
 Sheet # **28**

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

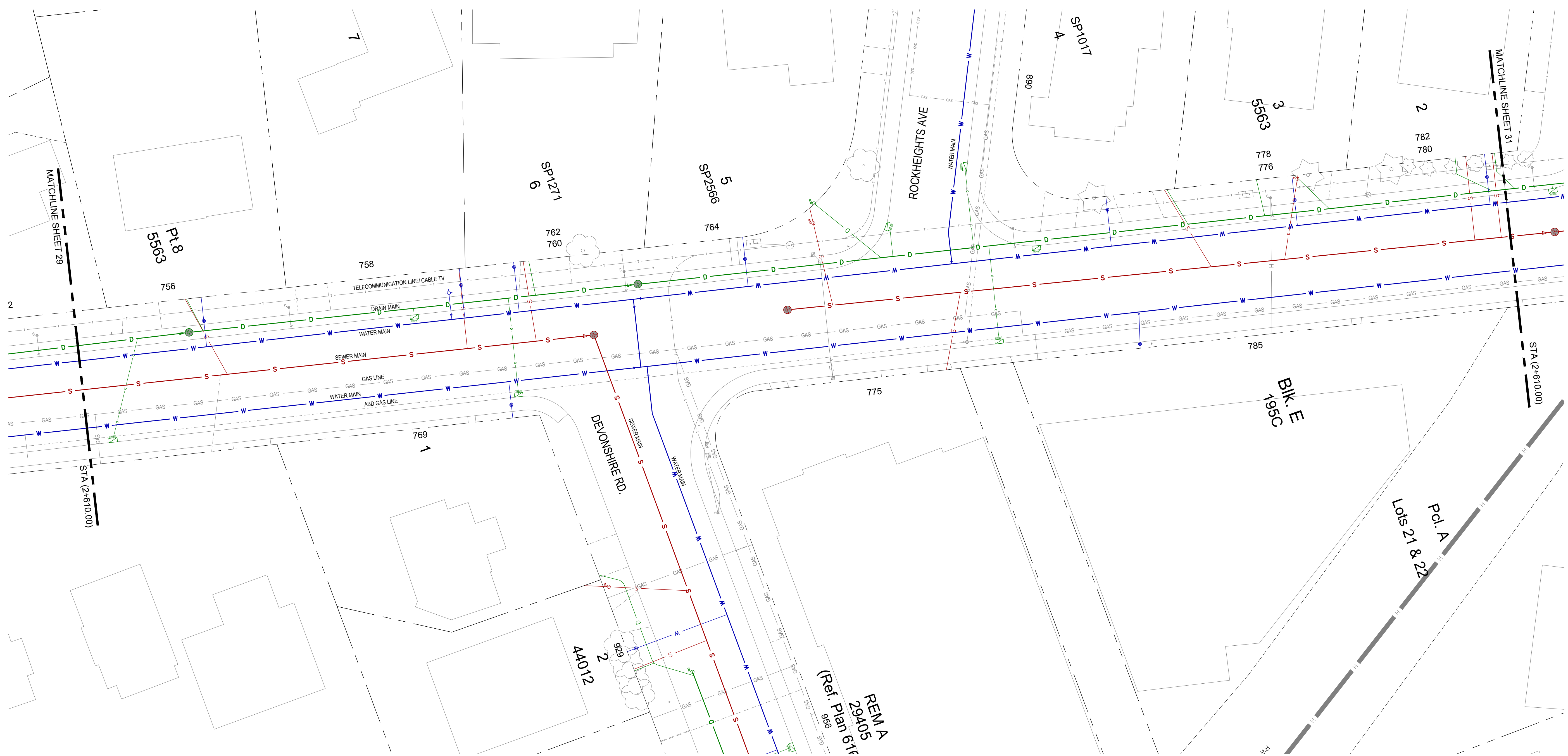
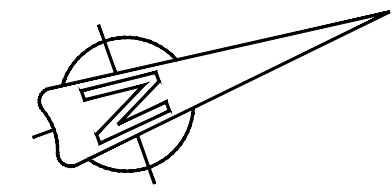
LEGEND - Existing services shown solid					
CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL POLE T	SURVEY MONUMENT
DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT DCO	DRAIN VENT DV	IRON PIN IP
GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG LP
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	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		
	APP.	DATE	SIGN	APP.	DATE	SIGN
ISSUED FOR REVIEW						

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK		
APPROVED BY	17.02.10	WW	COMBINED UTILITIES 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-M305
Sheet #	29

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—	TELECOMMUNICATION LINE/ CABLE TV
DRAIN —D—	DRAIN MANHOLE
GAS —GAS—	GAS VALVE
SEWER —S—	SEWER MANHOLE
WATER —W—	WATER VALVE
ELECTRICAL —E—	WATER VALVE
SIDEWALK S/W	SEWER MANHOLE
TREE	WATER VALVE
ELECTRIC POLE	FIRE HYDRANT
TEL POLE	WATER METER
SURVEY MONUMENT	WATER METER
DRAIN CLEANOUT	WATER METER
DRAIN VENT	WATER METER
IRON PIN	WATER METER
LEAD PLUG	WATER METER
TRaverse HUB	WATER METER
P.K. NAIL	WATER METER

REVISIONS	
ISSUED FOR REVIEW	

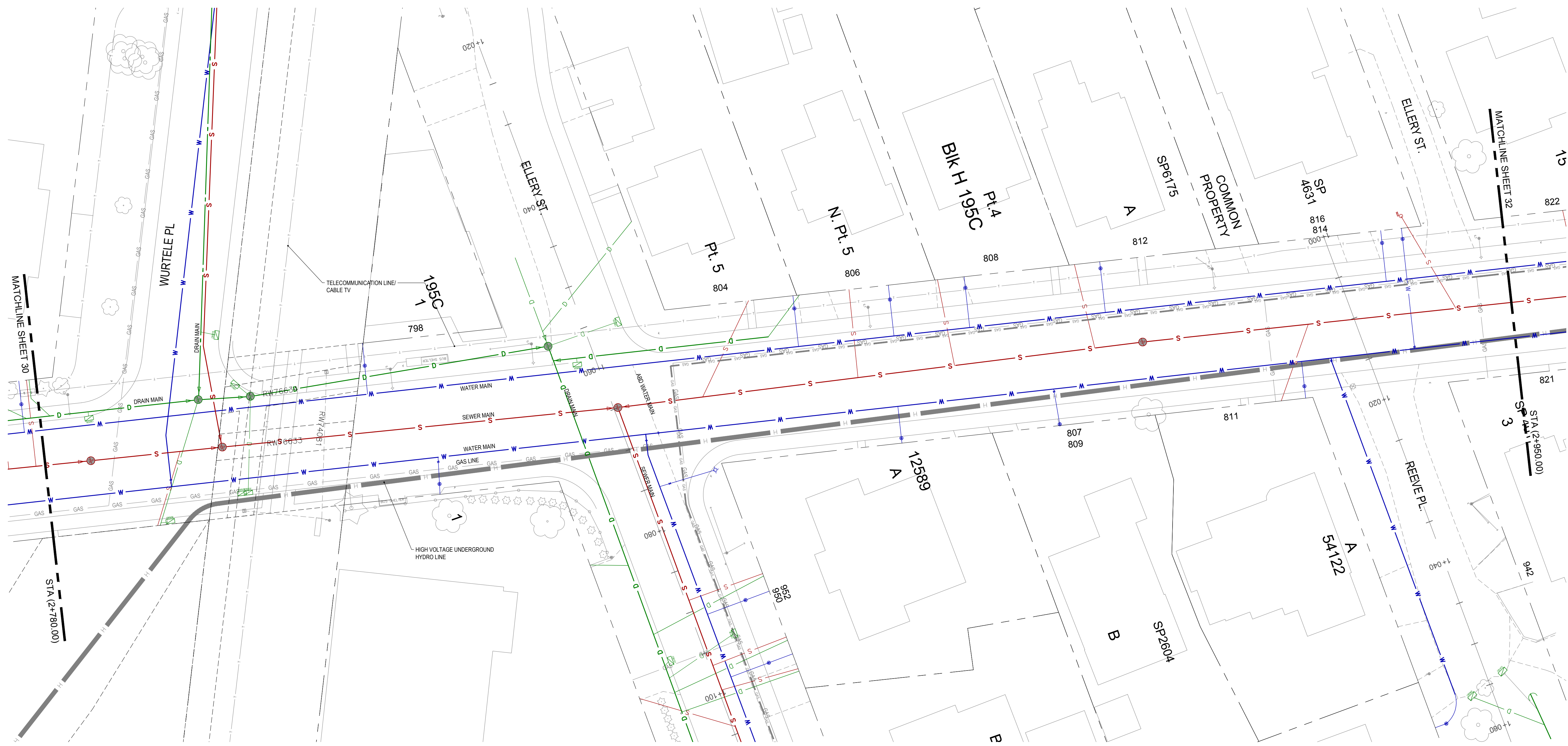
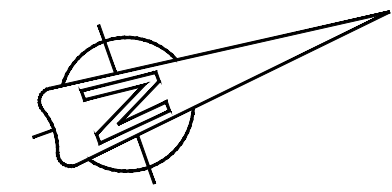
REVISIONS APPROVED					
REVISION 1		REVISION 2		REVISION 3	
APP.	DATE	SIGN	APP.	DATE	SIGN

DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
	17.02.10	WW

TOWNSHIP OF ESQUIMALT
 LAMPSON ST. INVESTIGATIVE WORK
 COMBINED UTILITIES STA (2+610.00 - 2+780.00)

DESIGN DWG. NO.	ESQ-M306
Sheet #	30

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

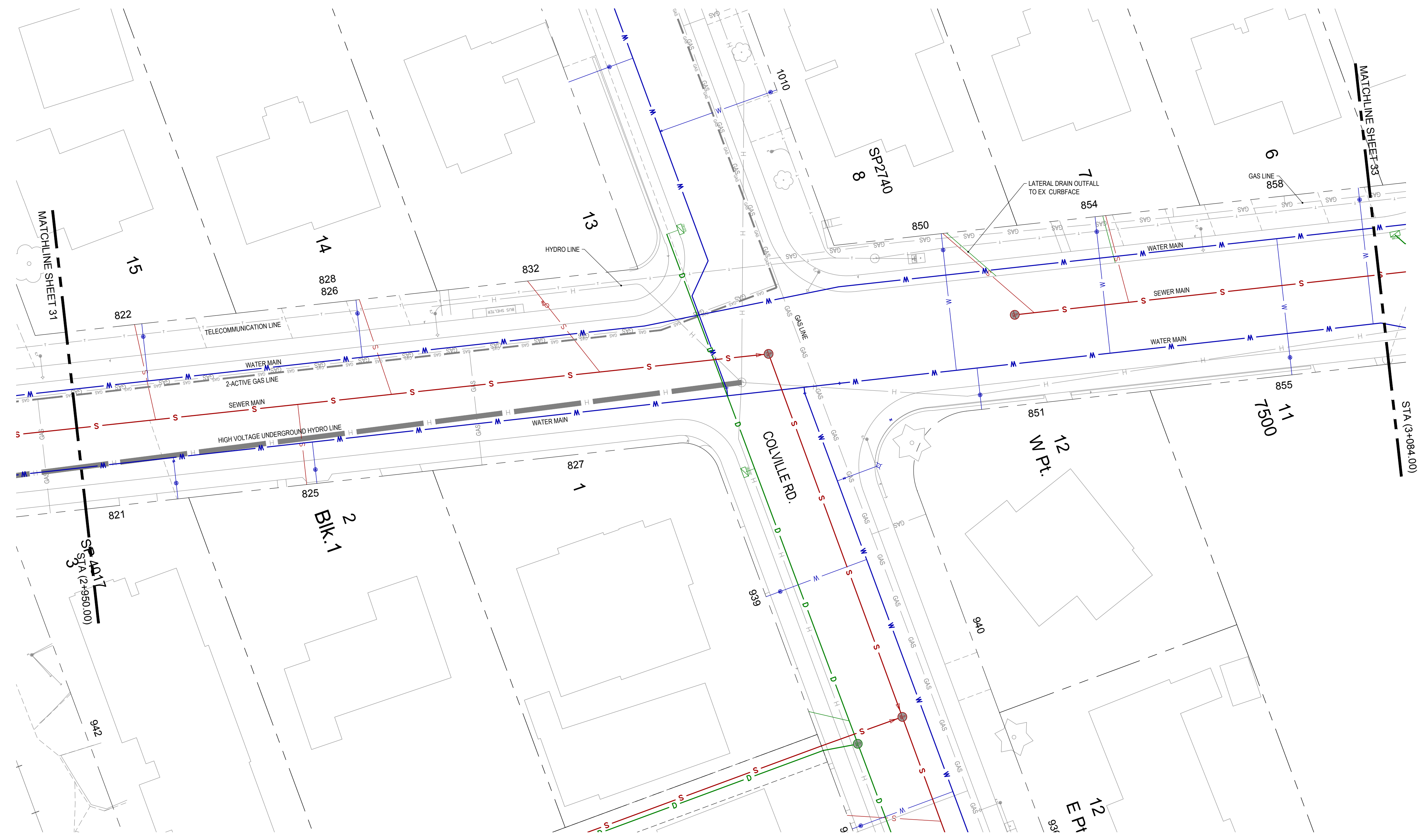
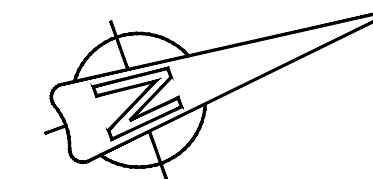
REVISIONS		REVISIONS APPROVED					
NO.	DESCRIPTION	REVISION 1		REVISION 2		REVISION 3	
		APP.	DATE	APP.	DATE	APP.	DATE
1	ISSUED FOR REVIEW						

DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		
EXCEPTIONS	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK		
DESIGN ENG.			COMBINED UTILITIES STA (2+780 - 2+950.00)		
ASSIST. ENG.			CONTROL MONUMENTS		
MUNICIPAL ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH
			DATE	DATE	DATE
	17.02.10	WW			

DESIGN DWG. NO.	ESQ-M307
Sheet #	31

SCALE: H=1:250 DATE: 2017.02.10

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



CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES

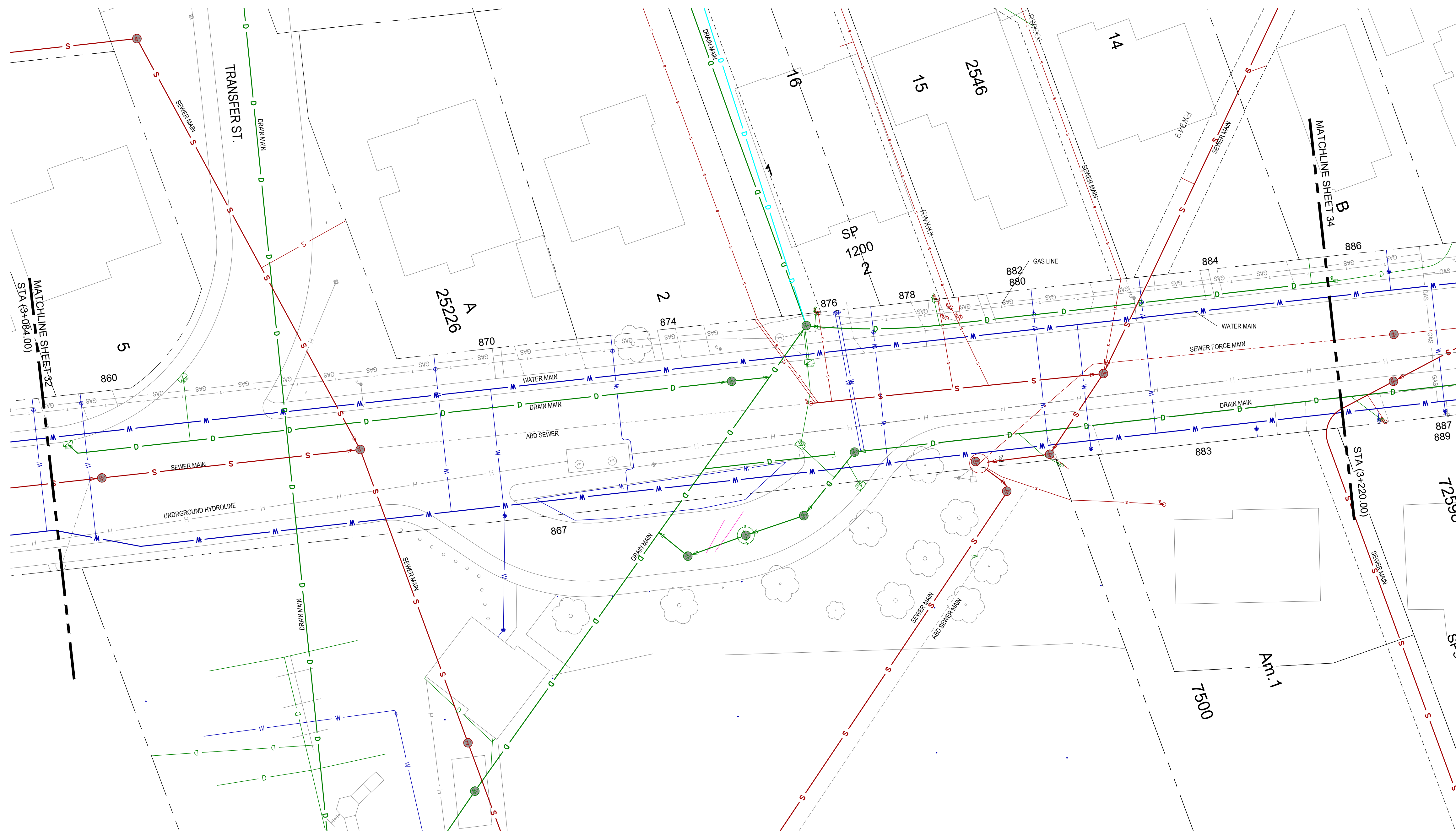
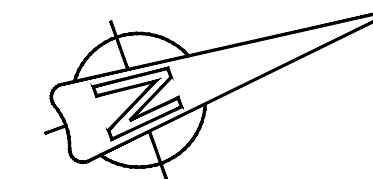
LEGEND - Existing services shown solid	
CABLE —TV—	TEL POLE —T—
DRAIN —D—	SURVEY MONUMENT —SM—
GAS —GAS—	IRON PIN —IP—
SEWER —S—	LEAD PLUG —LP—
WATER —W—	TRAVERSE HUB —TH—
ELECTRICAL —E—	P.K. NAIL —PK—
SIDEWALK S/W	TREE
DRAIN MANHOLE	CATCH BASIN
GAS VALVE	GAS SNIFFER
SEWER MANHOLE	SEWER LAMPHOLE
WATER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

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

TOWNSHIP OF ESQUIMALT			
LAMPSON ST. INVESTIGATIVE WORK			
COMBINED UTILITIES STA (2+950.00 - 3+084.00)			
DESIGN	DATE	SIGN	CONTROL MONUMENTS
DESIGN ENG.	17.02.10	WW	
ASSIST. ENG.			
MUNICIPAL ENG.			
DESIGN	DATE	SIGN	SCALE: H=1:250
EFS	2017.02.10	HH	
DRAWN	DATE	SIGN	
EFS			
SURVEY	DATE	SIGN	
HH	2017.02.10		

DESIGN DWG. NO.	ESQ-M308
SHEET #	32

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

REVISIONS	
ISSUED FOR REVIEW	

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

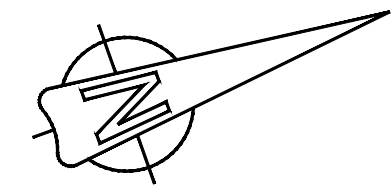
DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT
 LAMPSON ST. INVESTIGATIVE WORK
 COMBINED UTILITIES STA (3+084.00 - 3+220.00)
 CONTROL MONUMENTS
 DESIGN EFS DRAWN EFS SURVEY HH
 SCALES: H=1:250 DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M309
Sheet #	33

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:
 C&G = CURB AND GUTTER
 DW = DRIVEWAY
 SW = SIDEWALK
 WW = WALKWAY
 P/L = PROPERTY LINE



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

REVISIONS	
ISSUED FOR REVIEW	

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

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

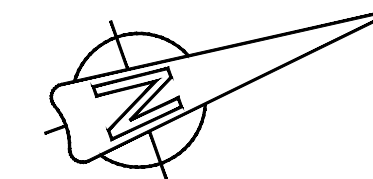
TOWNSHIP OF ESQUIMALT			
LAMPSON ST. INVESTIGATIVE WORK			
ROAD CORRIDOR IDENTIFIER STA (1+933.35 - 2+077.88)			
CONTROL MONUMENTS			
DESIGN	EFS	DRAWN	EFS
SCALES: H=1:250		SURVEY	HH
		DATE	2017.02.10

DESIGN DWG. NO.	ESQ-M400
Sheet #	35

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:

- C&G = CURB AND GUTTER
- DW = DRIVEWAY
- SW = SIDEWALK
- WW = WALKWAY
- P.L. = PROPERTY LINE



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 PK

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

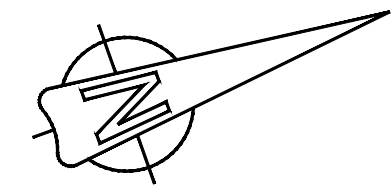
DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
APPROVED BY	17.02.10	WW
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
ROAD CORRIDOR IDENTIFIER STA (2+077.88 - 2+260.00)

DESIGN DWG. NO.	ESQ-M401
Sheet #	36

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:
 C&G = CURB AND GUTTER
 DW = DRIVEWAY
 SW = SIDEWALK
 WW = WALKWAY
 P/L = PROPERTY LINE



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
SIDEWALK S/W	TRaverse HUB
DRAIN MANHOLE	P.K. NAIL PK
GAS VALVE	
SEWER MANHOLE	
WATER VALVE	
CATCH BASIN	
GAS SNIFFER	
SEWER LAMPHOLE	
FIRE HYDRANT	
DRAIN CLEANOUT	
GAS METER	
SEWER CLEANOUT	
WATER METER	
STREET LIGHT	
SEWER VENT	
SERVICE VALVE	

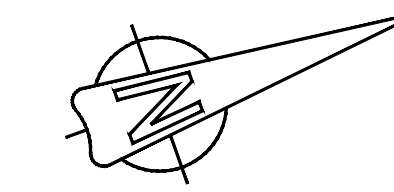
REVISIONS		REVISIONS APPROVED						DESIGN APPROVED		
NO.	DESCRIPTION	APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN
1	ISSUED FOR REVIEW									

TOWNSHIP OF ESQUIMALT									
LAMPSON ST. INVESTIGATIVE WORK									
ROAD CORRIDOR IDENTIFIER STA (2+260.00 - 2+430.00)									
CONTROL MONUMENTS					DESIGN APPROVED				
DESIGN	EFS	DRAWN	EFS	SURVEY	HH	DATE	17.02.10	WW	
DESIGN	EFS	DRAWN	EFS	SURVEY	HH	DATE	17.02.10	WW	
SCALES: H=1:250									

DESIGN DWG. NO.	ESQ-M402
Sheet #	37

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

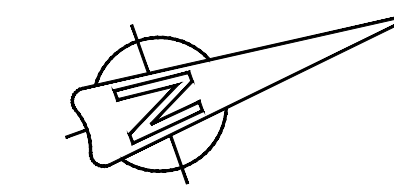
LEGEND:
 C&G = CURB AND GUTTER
 D/W = DRIVEWAY
 S/W = SIDEWALK
 W/W = WALKWAY
 P/L = PROPERTY LINE



CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES	LEGEND - Existing services shown solid										REVISIONS			REVISIONS APPROVED			DESIGN APPROVED			TOWNSHIP OF ESQUIMALT		DESIGN DWG. NO. ESQ-M403 Sheet # 38
	CABLE —TV—	SIDEWALK S/W	TREE	ELECTRIC POLE E	TEL POLE T	SURVEY MONUMENT	REVISION 1			REVISION 2			REVISION 3			EXCEPTIONS	DATE	SIGN	LAMPSON ST. INVESTIGATIVE WORK			
	DRAIN —D—	DRAIN MANHOLE	CATCH BASIN	DRAIN CLEANOUT	DRAIN VENT	IRON PIN	APP.	DATE	SIGN	APP.	DATE	SIGN	APP.	DATE	SIGN	DESIGN BY	17.02.10	WW	ROAD CORRIDOR IDENTIFIER STA (2+430.00 - 2+610.00)			
	GAS —GAS—	GAS VALVE	GAS SNIFFER	GAS METER	STREET LIGHT	LEAD PLUG	ISSUED FOR REVIEW									DESIGN ENG.			CONTROL MONUMENTS			
SEWER —S—	SEWER MANHOLE	SEWER LAMPHOLE	SEWER CLEANOUT	SEWER VENT	TRAVERSE HUB										ASSIST. ENG.			DESIGN EFS	DRAWN EFS	SURVEY HH		
WATER —W—	WATER VALVE	FIRE HYDRANT	WATER METER	SERVICE VALVE	P.K. NAIL										MUNICIPAL ENG.			SCALES: H=1:250	DATE 2017.02.10			

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:
 C&G = CURB AND GUTTER
 DW = DRIVEWAY
 SW = SIDEWALK
 WW = WALKWAY
 P/L = PROPERTY LINE



CONFIRM
 UNDERGROUND
 LOCATIONS WITH
 UTILITY COMPANIES

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

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
DESIGN ENG.		
ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT
 LAMPSON ST. INVESTIGATIVE WORK
 ROAD CORRIDOR IDENTIFIER STA (2+610.00 - 2+780.00)

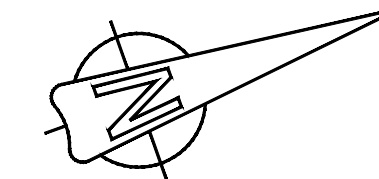
CONTROL MONUMENTS

DESIGN EFS DRAWN EFS SURVEY HH
 SCALES: H=1:250 DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M404
Sheet #	39

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:
 C&G = CURB AND GUTTER
 D/W = DRIVEWAY
 S/W = SIDEWALK
 W/W = WALKWAY
 P/L = PROPERTY LINE



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 SL	
GAS METER GM	
SEWER CLEANOUT SCO	
SEWER VENT SV	
WATER METER WM	
SERVICE VALVE SV	

REVISIONS		REVISIONS APPROVED					
NO.	DESCRIPTION	REVISION 1		REVISION 2		REVISION 3	
		APP.	DATE	APP.	DATE	APP.	DATE
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DESIGN APPROVED		
EXCEPTIONS	DATE	SIGN
DESIGN ENG.	17.02.10	WW
ASSIST. ENG.		
MUNICIPAL ENG.		

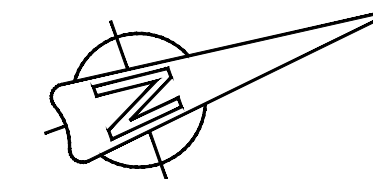
TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
ROAD CORRIDOR IDENTIFIER STA (2+780 - 2+950.00)

DESIGN DWG. NO.	ESQ-M405
Sheet #	40

CONTROL MONUMENTS
 DESIGN EFS DRAWN EFS SURVEY HH
 SCALES: H=1:250 DATE 2017.02.10

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:
 C&G = CURB AND GUTTER
 D/W = DRIVEWAY
 S/W = SIDEWALK
 W/W = WALKWAY
 P/L = PROPERTY LINE



CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES

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

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

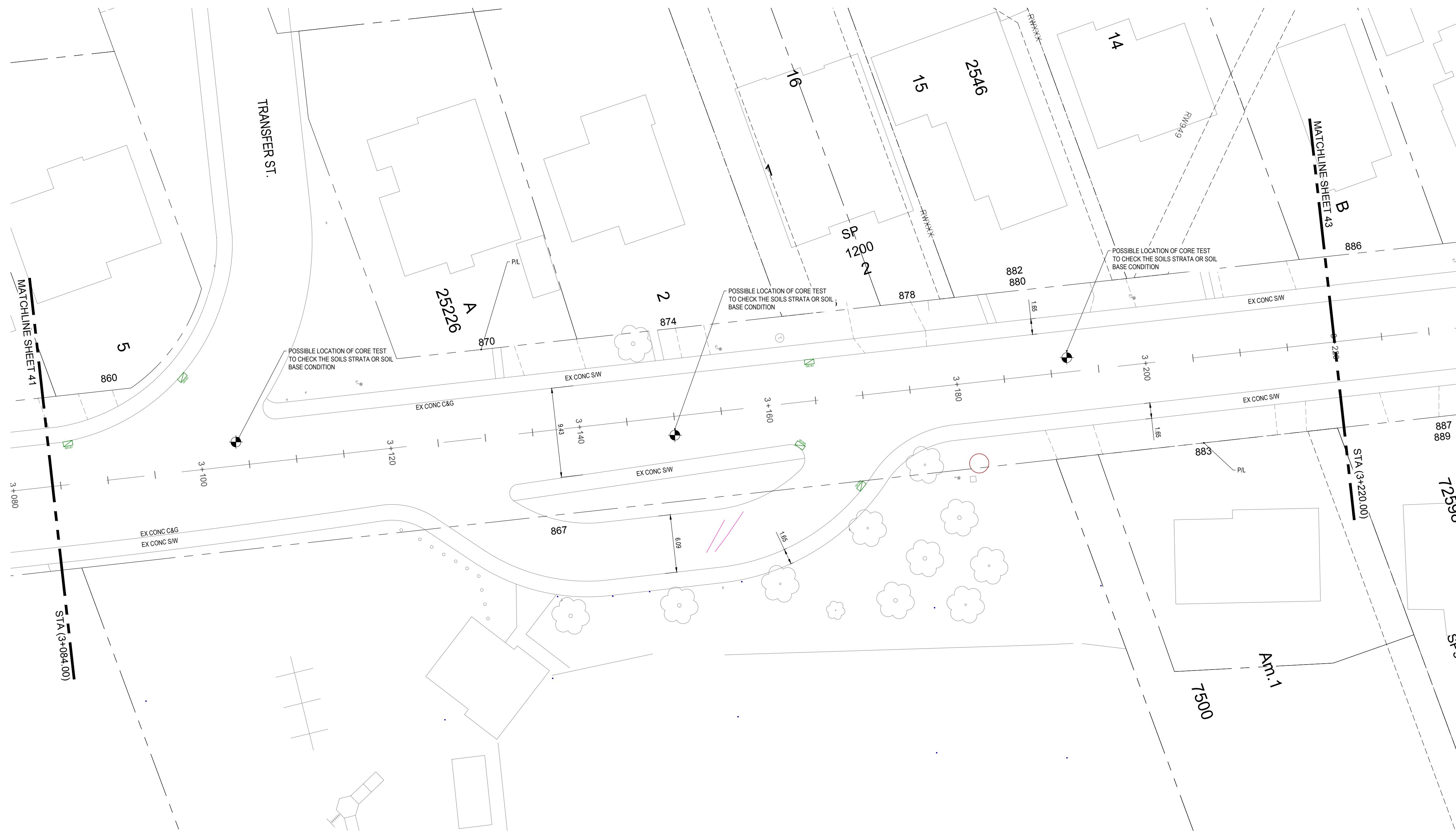
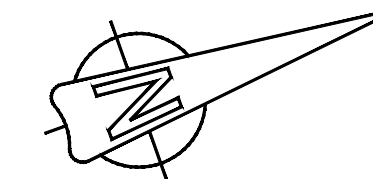
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ASSIST. ENG.		
MUNICIPAL ENG.		

TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
 ROAD CORRIDOR IDENTIFIER STA (2+950.00 - 3+084.00)

DESIGN DWG. NO.	ESQ-M406
Sheet #	41

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:
 C&G = CURB AND GUTTER
 DW = DRIVEWAY
 SW = SIDEWALK
 WW = WALKWAY
 P/L = PROPERTY LINE



CONFIRM
 UNDERGROUND
 LOCATIONS WITH
 UTILITY COMPANIES

LEGEND - Existing services shown solid	
CABLE —TV—	ELECTRIC 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 TH
	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
DESIGN ENG.	17.02.10	WW
ASSIST. ENG.		
MUNICIPAL ENG.		

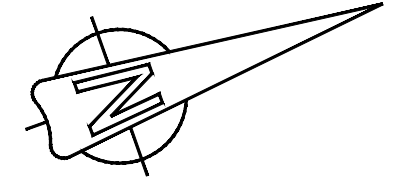
TOWNSHIP OF ESQUIMALT
LAMPSON ST. INVESTIGATIVE WORK
ROAD CORRIDOR IDENTIFIER STA (3+084.00 - 3+220.00)

DESIGN DWG. NO.	ESQ-M407
Sheet #	42

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:

- C&G = CURB AND GUTTER
- D/W = DRIVEWAY
- S/W = SIDEWALK
- W/W = WALKWAY
- P/L = PROPERTY LINE



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

REVISIONS

ISSUED FOR REVIEW

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

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

TOWNSHIP OF ESQUIMALT
 LAMPSON ST. INVESTIGATIVE WORK
 ROAD CORRIDOR IDENTIFIER STA (3+220.00 - 3+305.00)

CONTROL MONUMENTS

DESIGN EFS DRAWN EFS SURVEY HH
 SCALES: H=1:250 DATE 2017.02.10

DESIGN DWG. NO.	ESQ-M408
Sheet #	43