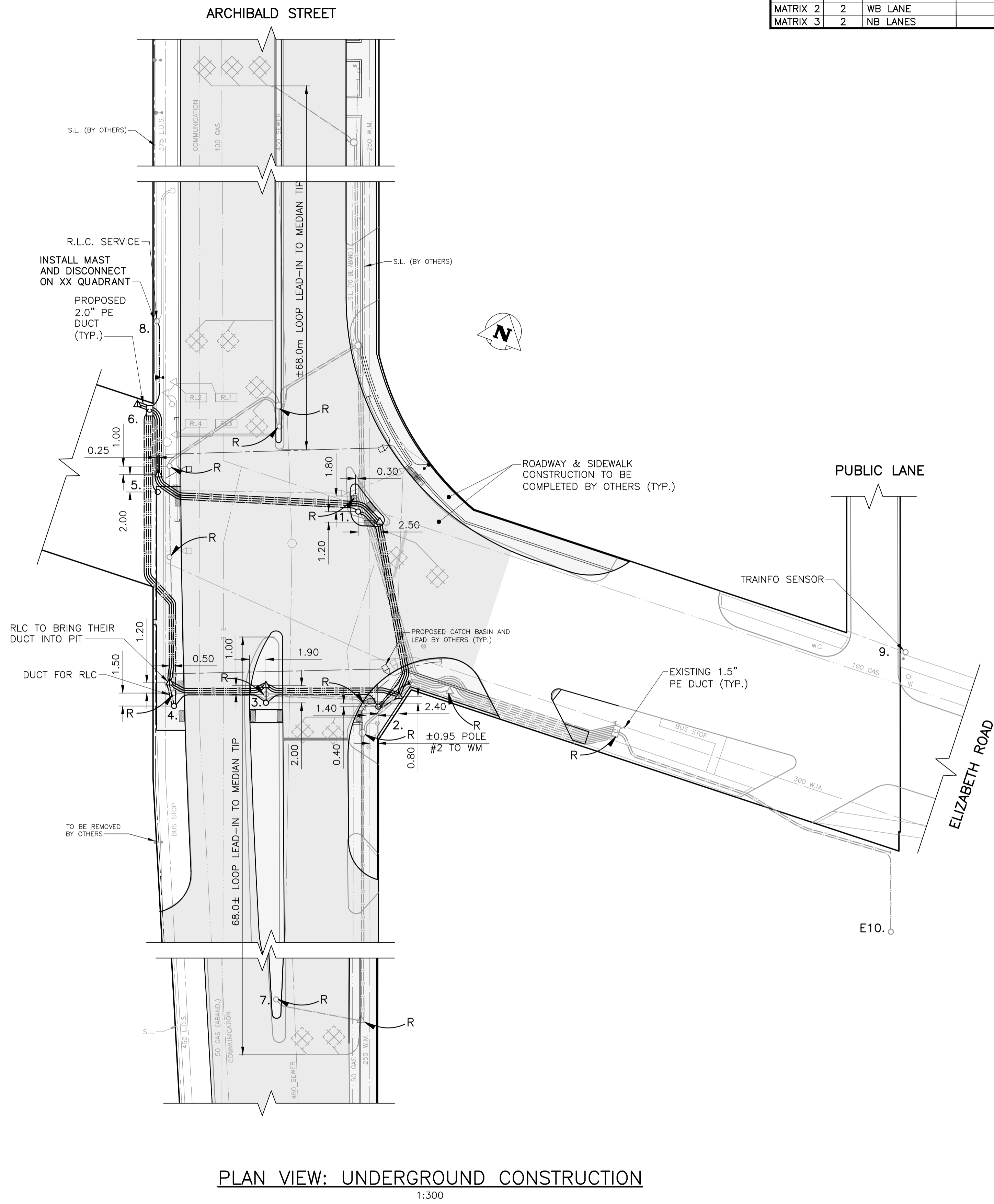


CONSTRUCTION NOTES:

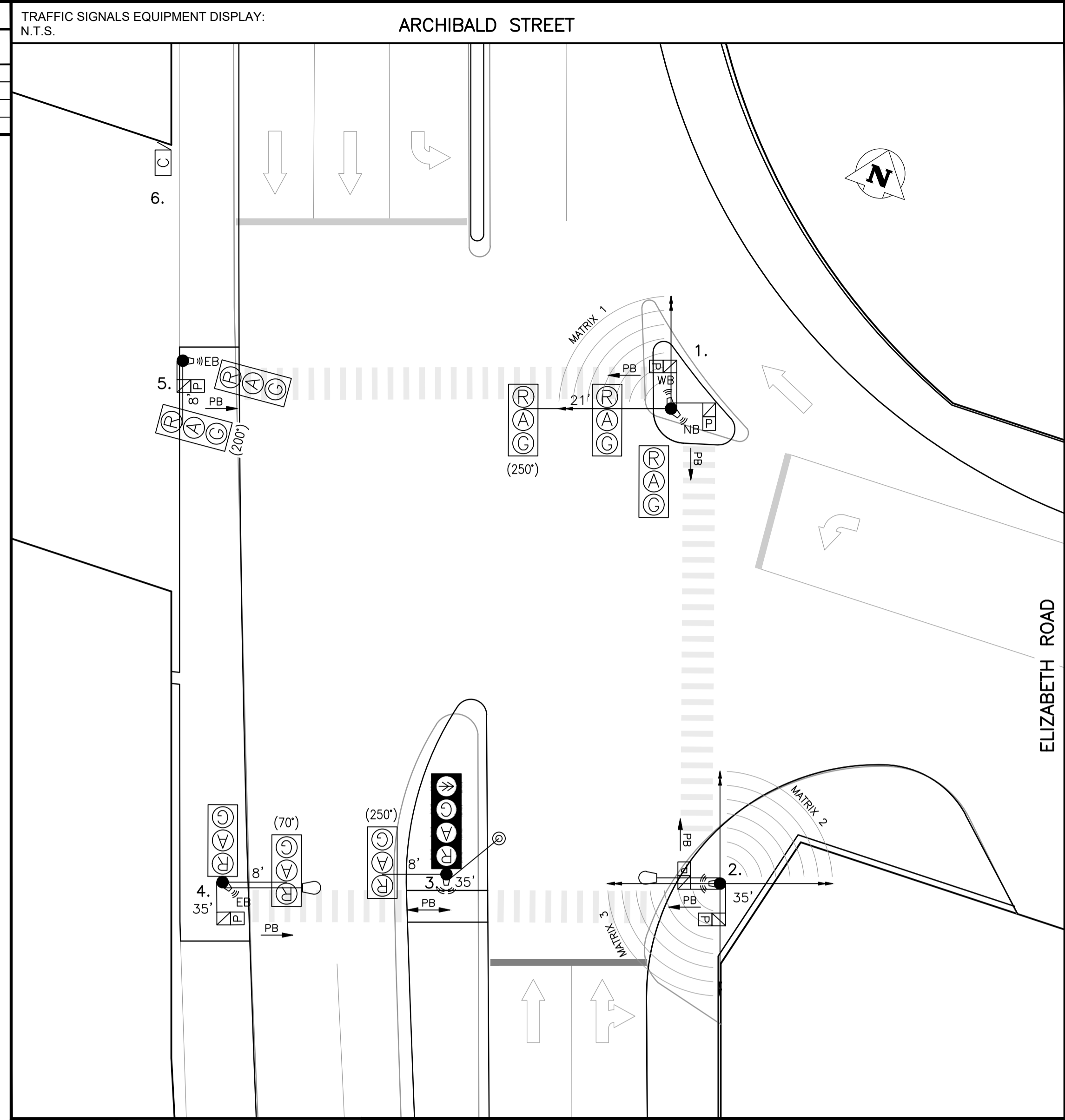
- PROJECT SCOPE**
1. INSTALL CONDUIT, BASES AND PIT AS SHOWN.
 2. INSTALL SERVICE AND GROUND ROD ON WOOD POLE #8 AS SHOWN. INSTALL MAST AND DISCONNECT ON XX QUADRANT. INSTALL WEATHER HEAD 150mm LOWER THAN THE LOWEST HYDRO WIRE. REMOVE EXISTING SERVICE FROM WOOD POLE #E10. TOTAL LENGTH OF SERVICE CABLE: 15m.
 3. INSTALL EQUIPMENT AS SHOWN.
 4. ABANDON LOOPS AS SHOWN.

- PROJECT COORDINATION**
1. COORDINATE WORK WITH (CA'S NAME), (204) XXX-XXXX.
 2. COORDINATE HYDRO SERVICE INSTALLATION WITH (HYDRO DESIGNER), (204) XXX-XXXX. RE: JUTA PERMIT No. BXXXXX
 3. TWO WEEKS PRIOR TO CONSTRUCTION, COORDINATE RED LIGHT CAMERA RELAY CONNECTION WITH BLAIR CHETWYND, (204) 488-4692.



PLAN VIEW: UNDERGROUND CONSTRUCTION
1:300

DETECTION CONNECTION DETAILS			
SENSOR NO.	POLE NO.	DETECTION LOCATION	NOTES
MATRIX 1	1	SB LANES	
MATRIX 2	2	SBL LANE	
MATRIX 3	2	WB LANE	
		NB LANES	



EQUIPMENT DISPLAY LEGEND				EQUIPMENT LIST				EQUIPMENT LIST			
EXISTING	PROPOSED (AS SHOWN BELOW)	NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
	PEDESTRIAN HEAD WITH PCS	1.	CANTILEVER	21'	OD	FIXED	8.	HYDRO WOOD SERVICE:			
	PEDESTRIAN CORRIDOR BOX	2.	35' SIGNAL FOR 150 WATT (15000 LUMEN) LUMINAIRE *BASE AT X.Xm DEPTH		G*	GD	9.	HYDRO WOOD TRAINFO SENSOR			
	RRFB (PHASE 'A' OR 'B')	3.	35' SIGNAL FOR CAMERA	8'	OD	DD	10.	HYDRO WOOD SERVICE (TO BE REMOVED)			
	VEHICLE DETECTION AREA	4.	35' SIGNAL FOR 240 WATT (20000 LUMEN) LUMINAIRE R.L.C. RELAY	8'	OD	DD					
	PUSH BUTTON & DIRECTION (APB=AUDIBLE PB)	5.	CANTILEVER	8'	OD	FIXED					
	APS SINGLE DIRECTION	6.	332 CABINET/2070 CONTROLLER								
	APS DUAL DIRECTION (2 SEPARATE SPEAKERS)	7.	10' SIGNAL (TO BE REMOVED) ILLUMINATED KEEP RIGHT SIGN								
	TRAFFIC SIGNAL HEAD										
	TRAFFIC SIGNAL POLE										
	RED FLASHER										
	AMBER FLASHER (CIRCUIT 'A' OR 'B')										
	LUMINAIRE										
	CAMERA										
	LOW ARM (SHOWN FROM CENTRE)										
	HIGH ARM (SHOWN FROM SIDE)										

TRAFFIC SIGNALS UNDERGROUND LEGEND				SIGNAL BASE BOLT SQUARE TYPES			
EXISTING	ABANDONED	PROPOSED (AS SHOWN BELOW)	DISCONNECTED (LOOPS ONLY)	BOLT SQUARE (B.S.) DIA.			
1 1/2" PE CONDUIT		POLE BASE		TYPE "A" - 8 1/8"			
2" PE CONDUIT		CONTROLLER BASE		TYPE "B" - 6 3/4"			
4" PVC CONDUIT		PEDESTAL BASE		TYPE "C" - 8 1/8" SCREW TYPE			
AERIAL / BURIED CABLE		TERMINAL BASE		TYPE "D" - 12 3/4", 1 1/4" DIA. BOLTS, 24" DIA.			
CONDUIT STUB		SERVICE BOX (PIT)		TYPE "OD" - 12 3/4", 1 1/4" DIA. BOLTS, 28" DIA.			
BREAK-IN		24" PRECAST PIT		TYPE "PD" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS			
SPICE		30" PRECAST PIT		TYPE "E" - 9 9/16" SCREW TYPE			
SAW-CUT LOOPS	1 2	36" PRECAST PIT		TYPE "F" - 9 9/16"			
PERFORMED LOOPS	1 2	REMOVAL		TYPE "G" - 8 1/8", 1 1/4" DIA. BOLTS, 89mm PROJ.			
				TYPE "GS" - 8 1/8", 1 1/4" DIA. BOLTS, 76mm PROJ.			
				TYPE "PG" - 8 1/8", PRECAST, 1 1/4" DIA. BOLTS			
				TYPE "H" - 9 7/8" SCREW TYPE			
				TYPE "I" - 7 3/4"			
				TYPE "J" - 10 5/8", 1 1/4" DIA. BOLTS			
				TYPE "K" - 10 5/8", PRECAST, 1 1/4" DIA. BOLTS			
				TYPE "L" - 6", 5/8" DIA. BOLTS			
				TYPE "PM" - 8 1/8", PRECAST, 5/8" DIA. BOLTS			

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED
150 W.M.	WATERMAIN	150 W.M.	PROPERTY LINE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE
HYDRANT	VALVE	300 SEWER	ROADWAY	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
MANHOLE	CATCH BASIN	CURB & CURB RAMP	SIDEWALK	WOOD POLE	STREET LIGHT	BANNER POLE	RAILWAY POLE	GUY-WIRE
CURB INLET	HYDRO	WARNING TILE	SLOPE	WIRE	WIRE	WIRE	WIRE	FENCE
HYDRO	GAS	CULVERT	CULVERT	WIRE	WIRE	WIRE	WIRE	GUARDRAIL
GAS		BUILDING	BUILDING	WIRE	WIRE	WIRE	WIRE	
		TREE	TREE					

UNDERGROUND STRUCTURES		CONSTRUCTION REVISIONS	
UNDERGROUND STRUCTURES ID	DATE (YYYYMMDD)	NO.	REVISION
		0	ISSUED FOR

C.H./R.S.		ACCOUNTS:	
DESIGNED BY	DRAWN BY	STATUS	DATE
		PENDING	

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PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TRAFFIC SIGNALS
ARCHIBALD ST. & ELIZABETH RD.

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DRAWING NUMBER: S-1734