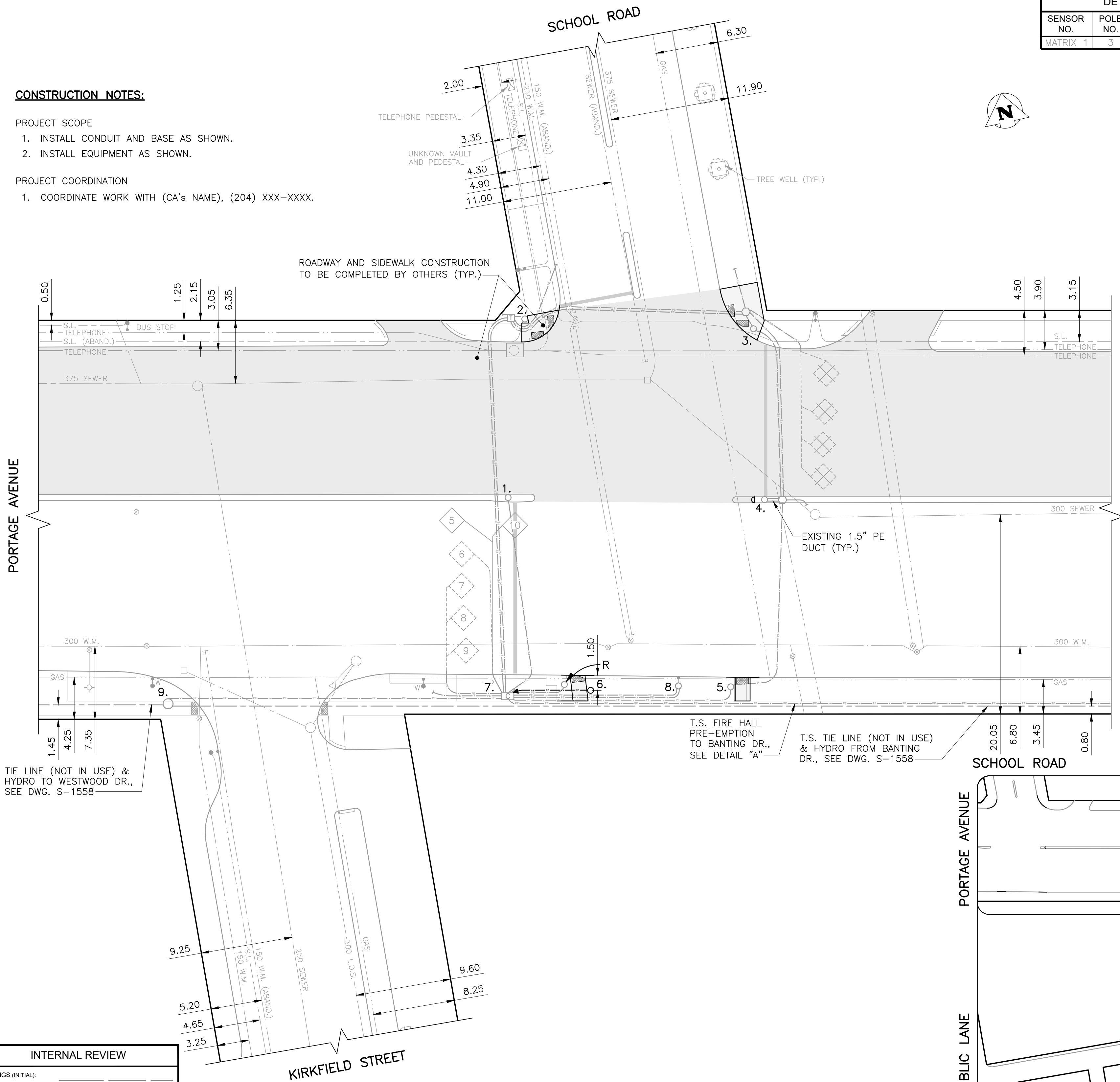


CONSTRUCTION NOTES:

- PROJECT SCOPE
1. INSTALL CONDUIT AND BASE AS SHOWN.
 2. INSTALL EQUIPMENT AS SHOWN.

PROJECT COORDINATION

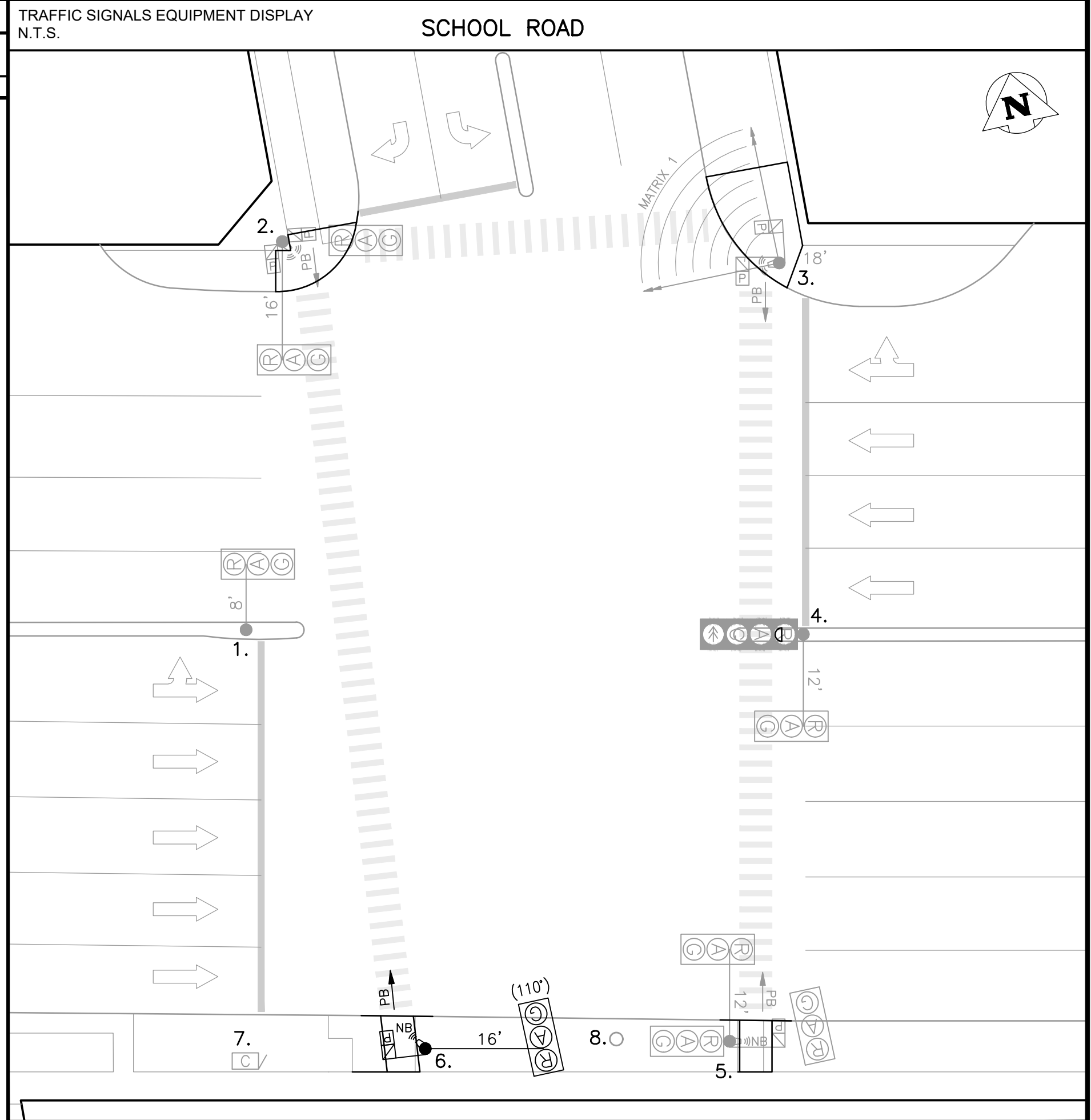
1. COORDINATE WORK WITH (CA's NAME), (204) XXX-XXXX.



PLAN VIEW: UNDERGROUND CONSTRUCTION
1:250

INTERNAL REVIEW				
TIMINGS (INITIAL):	NEW TIMING?	DATE	INITIALS	
	NEW TIMING?	DATE	INITIALS	
OPERATIONS:	DAYS REQUIRED	DATE	INITIALS	
	DAYS REQUIRED	DATE	INITIALS	
UNDERGROUND CONSTRUCTABILITY:	DAYS REQUIRED	DATE	INITIALS	
	DAYS REQUIRED	DATE	INITIALS	
LAB:	REQUIRE IFC DWG?	DATE	INITIALS	
	DAYS REQUIRED	DATE	INITIALS	
TMC:	DATE	INITIALS		
	DATE	INITIALS		
STREET LIGHTING:	DATE	INITIALS		
	DATE	INITIALS		
TRAFFIC MANAGEMENT:	DATE	INITIALS		
	DATE	INITIALS		

DETECTION CONNECTION DETAILS			
SENSOR NO.	POLE NO.	DETECTION LOCATION	NOTES
MATRIX 1	3	SB LANES	



EQUIPMENT DISPLAY LEGEND

EXISTING		PROPOSED (AS SHOWN BELOW)	
	PEDESTRIAN HEAD WITH PCS		VEHICLE DETECTION AREA
	PEDESTRIAN CORRIDOR BOX		TRAFFIC SIGNAL POLE
	RRFB (PHASE 'A' OR 'B')		WOOD POST
	TRAFFIC SIGNAL HEAD		APS SINGLE DIRECTION
	PUSH BUTTON & DIRECTION (APS = AUDIBLE PB)		APS DUAL DIRECTION (2 SEPARATE BREAKERS)
	RED FLASHER		ELECTRONIC DISPLAY
	AMBER FLASHER (1234 = CIRCUIT NUMBER)		CAMERA
	LOW ARM (SHOWN FROM CENTRE)		HIGH ARM (SHOWN FROM SIDE)
	LUMINAIRE		

NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	DAVIT	8'	A	AD	10.	FIRE HALL PRE-EMPTION			
2.	DAVIT	16'	A	AD					
3.	18" SIGNAL		A	A					
4.	DAVIT	12'	A	AD					
5.	DAVIT	12'	A	AD					
6.	DAVIT	16'	OD	DD					
7.	332 CABINET/170 CONTROLLER								
8.	HYDRO WOOD SERVICE:								
9.	HYDRO M.H. No. PE-132 T.S. TIE LINE EAST & WEST								

TRAFFIC SIGNALS UNDERGROUND LEGEND

EXISTING	PROPOSED (AS SHOWN BELOW)
	1 1/2" PE CONDUIT
	2" PE CONDUIT
	4" PVC CONDUIT
	AERIAL / BURIED CABLE
	CONDUIT STUB
	BREAK-IN
	SPLICE
	SAW-CUT LOOPS
	PREFORMED LOOPS
	POLE BASE
	WOOD POST
	CONTROLLER BASE
	PEDESTAL BASE
	TERMINAL BASE
	SERVICE BOX (PIT)
	24" PRECAST PIT
	36" PRECAST PIT
	REMOVAL

SIGNAL BASE BOLT SQUARE TYPES

BOLT SQUARE (B.S.)	DIA.
TYPE "A" - 8 1/8"	
TYPE "B" - 6 3/4"	
TYPE "C" - 8 1/8" SCREW TYPE	
TYPE "D" - 12 3/4", 1 1/4" DIA. BOLTS, 24" DIA.	
TYPE "E" - 12 3/4", 1 1/4" DIA. BOLTS, 28" DIA.	
TYPE "F" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS, 28" DIA.	
TYPE "G" - 9 9/16" SCREW TYPE	
TYPE "H" - 8 1/8", 1 1/4" DIA. BOLTS, 89mm PROJ.	
TYPE "I" - 10 5/8", 1 1/4" DIA. BOLTS, 76mm PROJ.	
TYPE "J" - 10 5/8", PRECAST, 1 1/4" DIA. BOLTS	
TYPE "K" - 6", 5/8" DIA. BOLTS	
TYPE "L" - 6", 5/8" DIA. BOLTS	
TYPE "M" - 8 1/8", 5/8" DIA. BOLTS	
TYPE "N" - 8 1/8", PRECAST, 5/8" DIA. BOLTS	

PUBLIC LANE BANTING DRIVE
DETAIL "A" PRE-EMPTION DETAIL
NTS

UNDERGROUND STRUCTURES

PENDING

UNDERGROUND STRUCTURES ID

PENDING

WATER & WASTE REVIEW ID

NOTE:
LOCATIONS OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL UTILITIES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

CONSTRUCTION REVISIONS

NO.	REVISION	DATE (YYYYMMDD)	BY
A	ISSUED FOR INTERNAL REVIEW		

ACCOUNTS:

WT PENDING

DESIGNED BY

R.S.

DRAWN BY

R.S.

CHECKED BY

APPROVED BY

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PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TRAFFIC SIGNALS
PORTAGE AVE. & SCHOOL RD.

UNITS:
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UNLESS OTHERWISE NOTED
DRAWING NUMBER:
S-1573