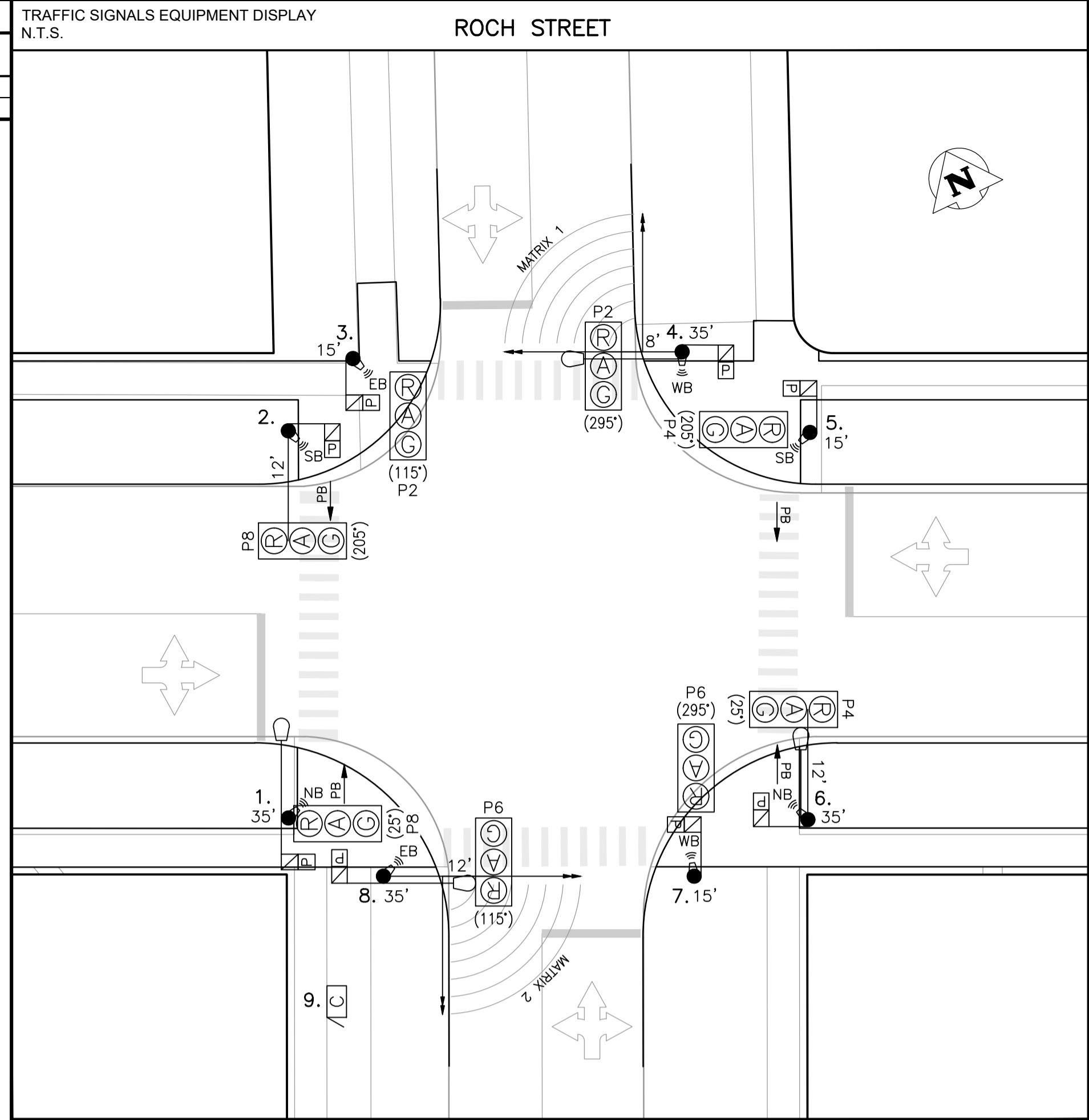


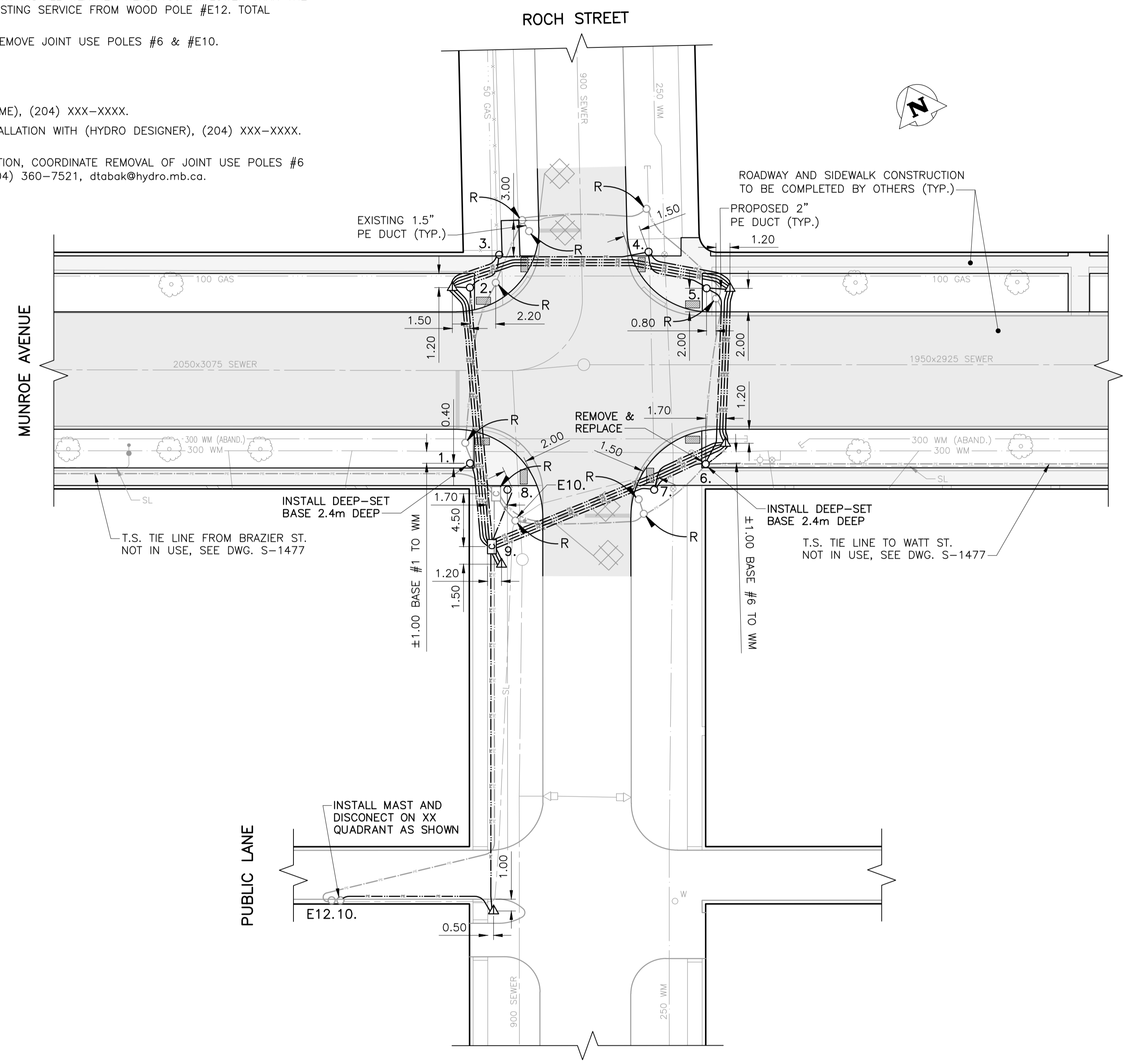
DETECTION CONNECTION DETAILS			
SENSOR NO.	POLE NO.	DETECTION LOCATION	NOTES
MATRIX 1	4	SB LANE	J2 UPPER
MATRIX 2	8	NB LANE	I2 UPPER



CONSTRUCTION NOTES:

- PROJECT SCOPE**
- INSTALL CONDUIT, BASES AND PITS AS SHOWN. INSTALL DEEP-SET BASES #1 AND #6 2.4m DEEP.
 - INSTALL SERVICE AND GROUND ROD ON WOOD POLE #10 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 #E12. TOTAL LENGTH OF SERVICE CABLE: 60m.
 - INSTALL EQUIPMENT AS SHOWN. REMOVE JOINT USE POLES #6 & #E10.
 - TIMINGS REQUIRED.

- PROJECT COORDINATION**
- COORDINATE WORK WITH (CA'S NAME), (204) XXX-XXXX.
 - COORDINATE HYDRO SERVICE INSTALLATION WITH (HYDRO DESIGNER), (204) XXX-XXXX. RE: JUTA PERMIT No. BXXXX.
 - TWO WEEKS PRIOR TO CONSTRUCTION, COORDINATE REMOVAL OF JOINT USE POLES #6 & #E10 WITH DARREN TABAK, (204) 360-7521, dtabak@hydro.mb.ca.



EQUIPMENT DISPLAY LEGEND

NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	35' SIGNAL FOR 90 WATT (9000 LUMEN) LUMINAIRE *BASE AT 2.4m DEPTH		G*	GD	8.	35' SIGNAL FOR 90 WATT (9000 LUMEN) LUMINAIRE	12'	OD	DD
2.	CANTILEVER	12'	OD	DC	9.	332 CABINET/2070 CONTROLLER			
3.	15' SIGNAL		G	G	10.	HYDRO WOOD SERVICE:			
4.	35' SIGNAL FOR 90 WATT (9000 LUMEN) LUMINAIRE	8'	G	GD	E10.	35' SIGNAL (TO BE REMOVED)		A	A
5.	15' SIGNAL		G	G	E12.	HYDRO WOOD SERVICE (TO BE REMOVED)			
6.	35' SIGNAL FOR 90 WATT (9000 LUMEN) LUMINAIRE *BASE AT 2.4m DEPTH	12'	G*	GD					
7.	15' SIGNAL		G	G					

TRAFFIC SIGNALS UNDERGROUND LEGEND

SIGNAL BASE BOLT SQUARE TYPES

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PLAN VIEW: UNDERGROUND CONSTRUCTION 1:250

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

UNDERGROUND STRUCTURES

UNDERGROUND STRUCTURES ID	DATE (YYYYMMDD)

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 SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

CONSTRUCTION REVISIONS

NO.	REVISION	DATE (YYYYMMDD)	BY
0	ISSUED FOR UGS APPROVAL	2021/03/18	R.S.

ACCOUNTS:

WT PENDING

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PRELIMINARY
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TRAFFIC SIGNALS
MUNROE AVE. & ROCH ST.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED
DRAWING NUMBER: S-1801