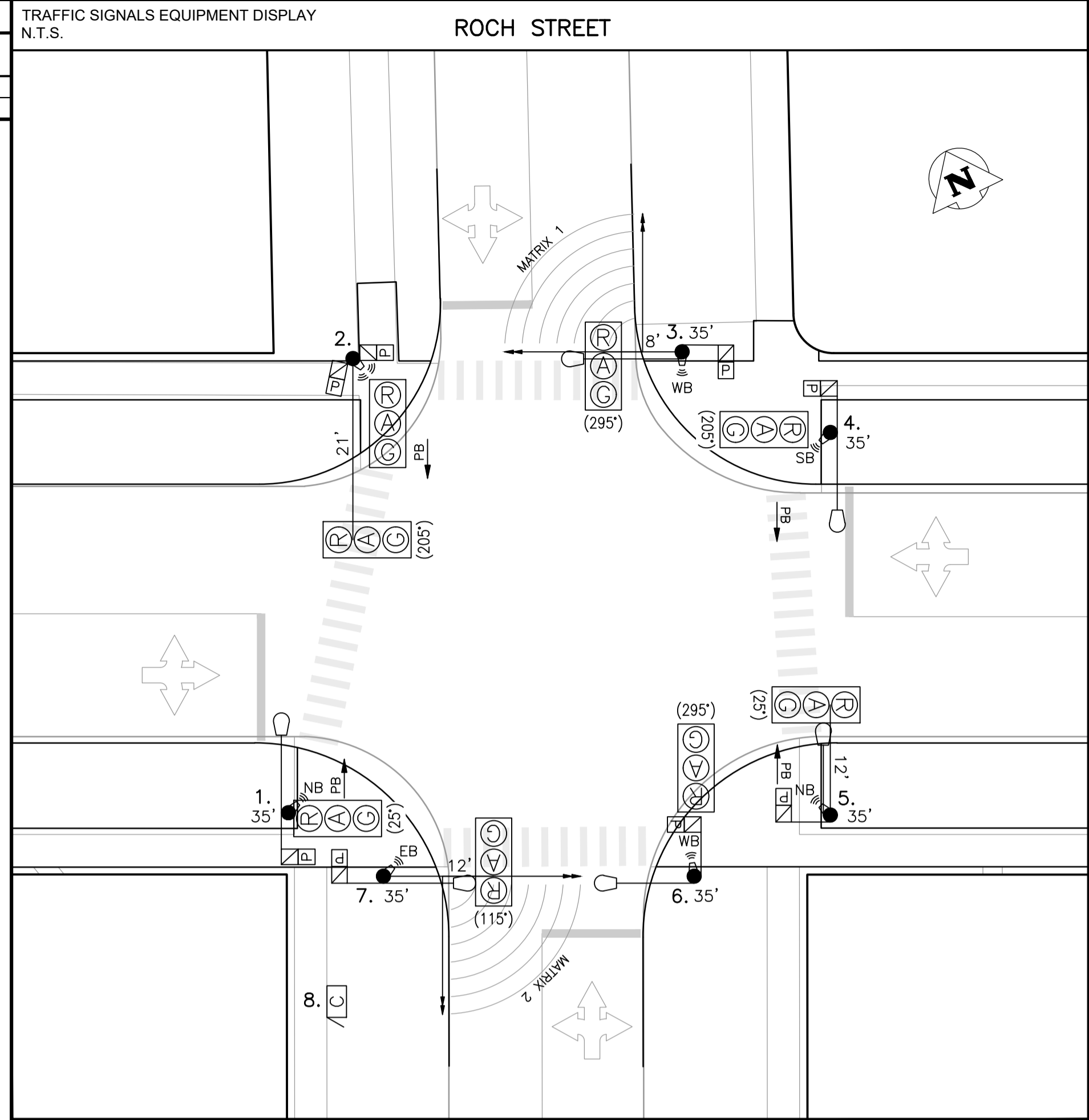


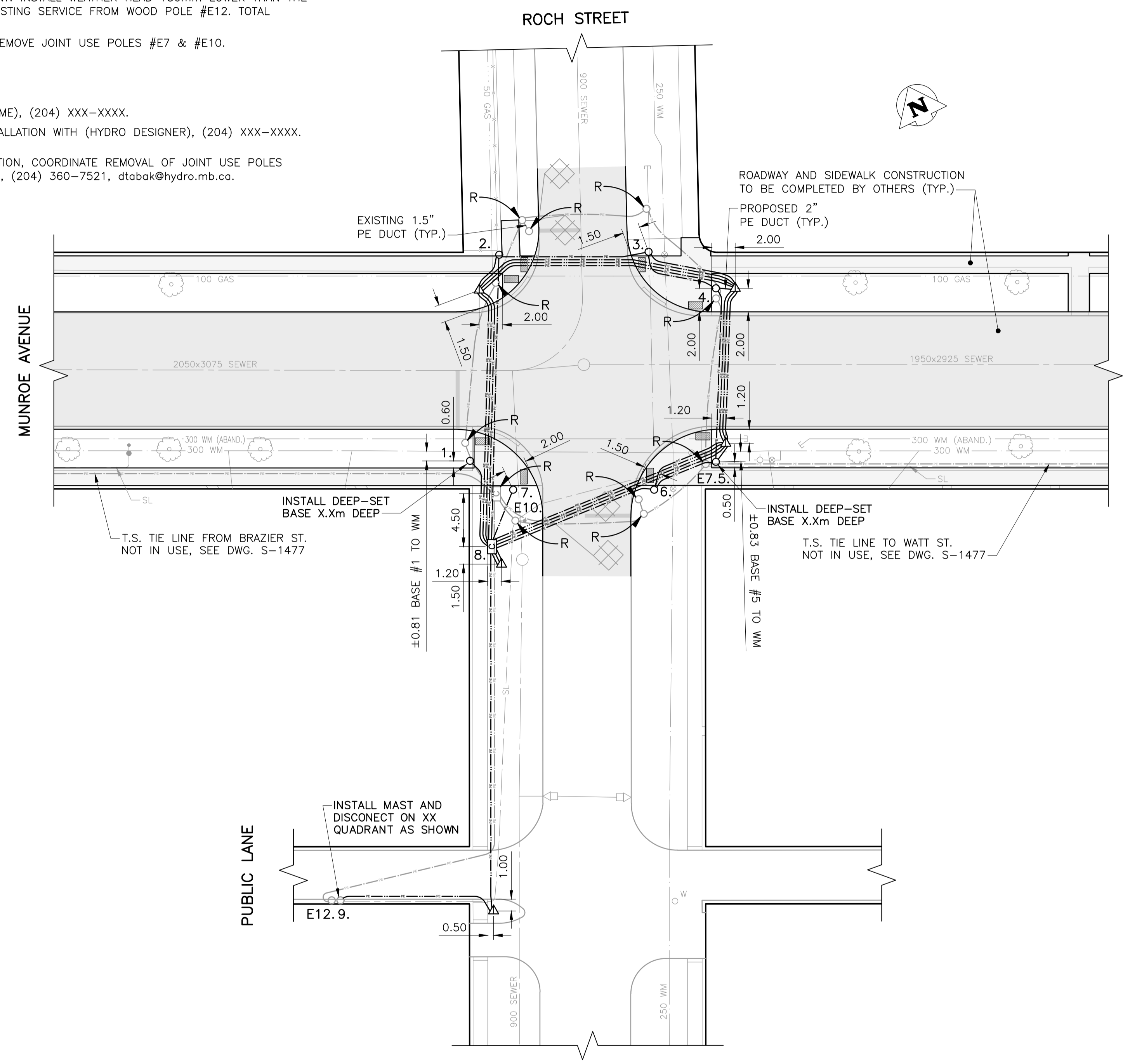
DETECTION CONNECTION DETAILS			
SENSOR NO.	POLE NO.	DETECTION LOCATION	NOTES
MATRIX 1	3		
MATRIX 2	7		



**CONSTRUCTION NOTES:**

- PROJECT SCOPE**
1. INSTALL CONDUIT, BASES AND PITS AS SHOWN. INSTALL DEEP-SET BASE #1 X.Xm DEEP. INSTALL DEEP-SET BASE #5 X.Xm DEEP.
  2. INSTALL SERVICE AND GROUND ROD ON WOOD POLE #9 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.
  3. INSTALL EQUIPMENT AS SHOWN. REMOVE JOINT USE POLES #E7 & #E10.
  4. TIMINGS REQUIRED.

- 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 REMOVAL OF JOINT USE POLES #E7 & #E10 WITH DARREN TABAK, (204) 360-7521, dtabak@hydro.mb.ca.



**EQUIPMENT DISPLAY LEGEND**

	EXISTING		PROPOSED (AS SHOWN BELOW)		TRAFFIC SIGNAL HEAD		LOW ARM (SHOWN FROM CENTRE)		HIGH ARM (SHOWN FROM SIDE)
					TRAFFIC SIGNAL POLE		RED FLASHER		LUMINAIRE
	RRFB (PHASE 'A' OR 'B')		APS SINGLE DIRECTION		APS DUAL DIRECTION (2 SEPARATE SPEAKERS)		AMBER FLASHER (CIRCUIT 'A' OR 'B')		CAMERA

NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	35' SIGNAL FOR XX WATT (XXXX LUMEN) LUMINAIRE *BASE AT X.Xm DEPTH		G*	GD	7.	35' SIGNAL FOR XX WATT (XXXX LUMEN) LUMINAIRE	12'	OD	DD
2.	CANTILEVER	21'	G	FIXED	8.	332 CABINET/2070 CONTROLLER			
3.	35' SIGNAL FOR XX WATT (XXXX LUMEN) LUMINAIRE	8'	G	GD	9.	HYDRO WOOD SERVICE:			
4.	35' SIGNAL FOR XX WATT (XXXX LUMEN) LUMINAIRE		G	GD	E7.	35' SIGNAL (TO BE REMOVED)		A	AD
5.	35' SIGNAL FOR XX WATT (XXXX LUMEN) LUMINAIRE *BASE AT X.Xm DEPTH	12'	G*	GD	E10.	35' SIGNAL (TO BE REMOVED)		A	A
6.	35' SIGNAL FOR XX WATT (XXXX LUMEN) LUMINAIRE		G	GD	E12.	HYDRO WOOD SERVICE (TO BE REMOVED)			

TRAFFIC SIGNALS UNDERGROUND LEGEND				SIGNAL BASE BOLT SQUARE TYPES	
EXISTING	ABANDONED	PROPOSED (AS SHOWN BELOW)	DISCONNECTED (LOOPS ONLY)	BOLT SQUARE (B.S.) DIA.	
				TYPE "A" - 8 1/8"	
				TYPE "B" - 8 3/4"	
				TYPE "C" - 8 1/8\"/>	
				TYPE "D" - 12 3/4\", 1 1/4\"/>	
				TYPE "OD" - 12 3/4\", 1 1/4\"/>	
				TYPE "PD" - 12 3/4\", PRECAST, 1 1/4\"/>	
				TYPE "E" - 9 9/16\"/>	
				TYPE "F" - 9 9/16\"/>	
				TYPE "G" - 8 1/8\", 1 1/4\"/>	
				TYPE "GS" - 8 1/8\", 1 1/4\"/>	
				TYPE "H" - 9 7/8\"/>	
				TYPE "I" - 7 3/4\"/>	
				TYPE "J" - 10 5/8\", 1 1/4\"/>	
				TYPE "K" - 10 5/8\", PRECAST, 1 1/4\"/>	
				TYPE "L" - 6\", 5/8\"/>	
				TYPE "PM" - 8 1/8\", PRECAST, 5/8\"/>	

**INTERNAL REVIEW**

OPERATIONS:	DATE	INITIALS
TIMINGS (INITIAL):	DATE	INITIALS
TIMINGS (PRE-FC):	DATE	INITIALS
TMC:	DATE	INITIALS
STREET LIGHTING:	DATE	INITIALS
TRAFFIC MANAGEMENT:	DATE	INITIALS
FACILITIES PLANNING:	DATE	INITIALS

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED
	WATERMAIN			ROADWAY			TELEPHONE	
	SEWER			SIDEWALK			COMMUNICATION	
	GAS			CURB & CURB RAMP			STREET LIGHT	
	SEWER			SLOPE			BANNER POLE	
	WM (ABAND.)			BUILDING			RAILWAY POLE	
	WM			TREE			GUY-WIRE	
	GAS			FENCE			GUARDRAIL	

**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
A	ISSUED FOR INTERNAL REVIEW		

**ACCOUNTS:**

WT PENDING

**LIABILITY DISCLAIMER NOTICE:**  
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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