

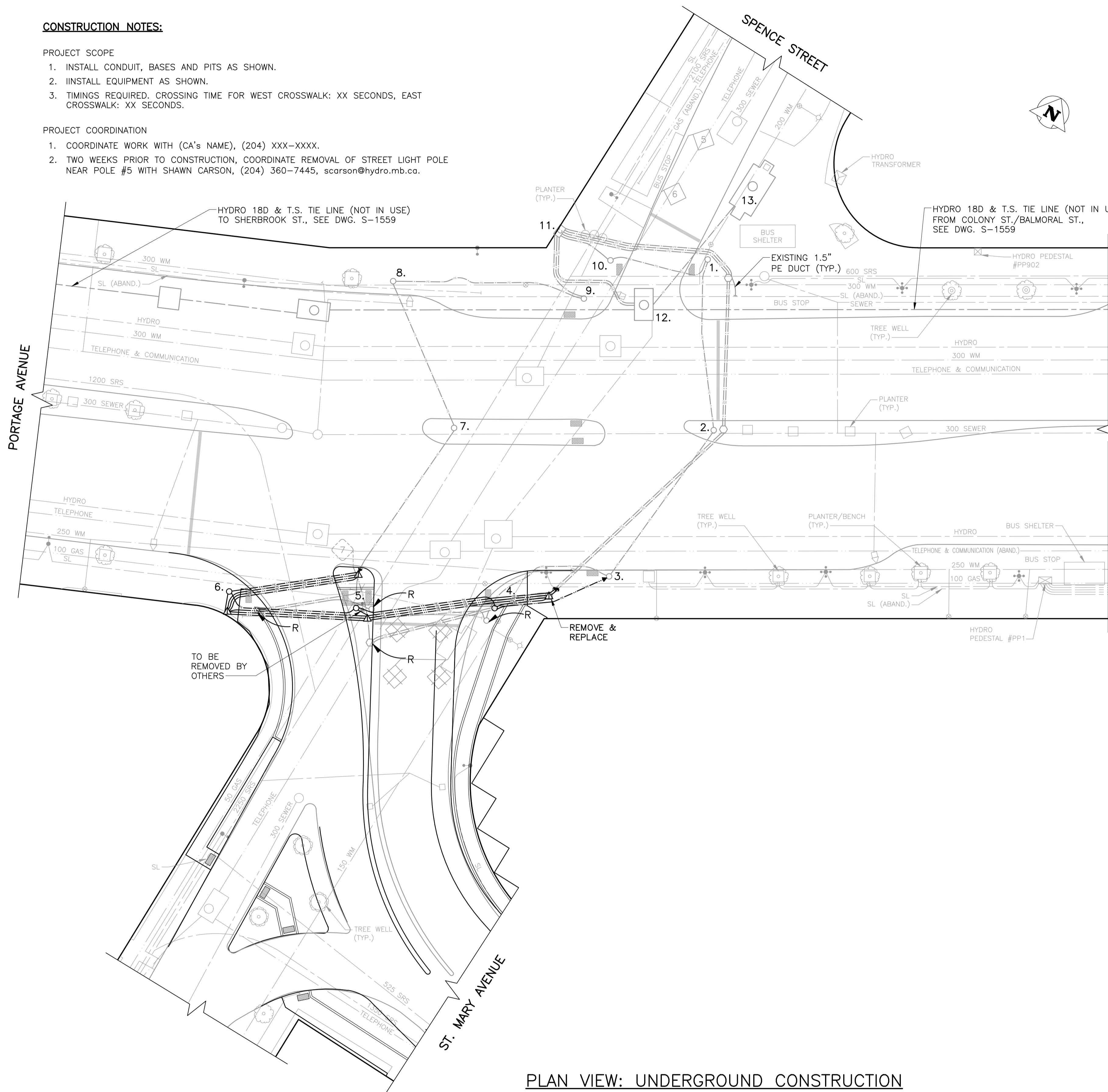
CONSTRUCTION NOTES:

PROJECT SCOPE

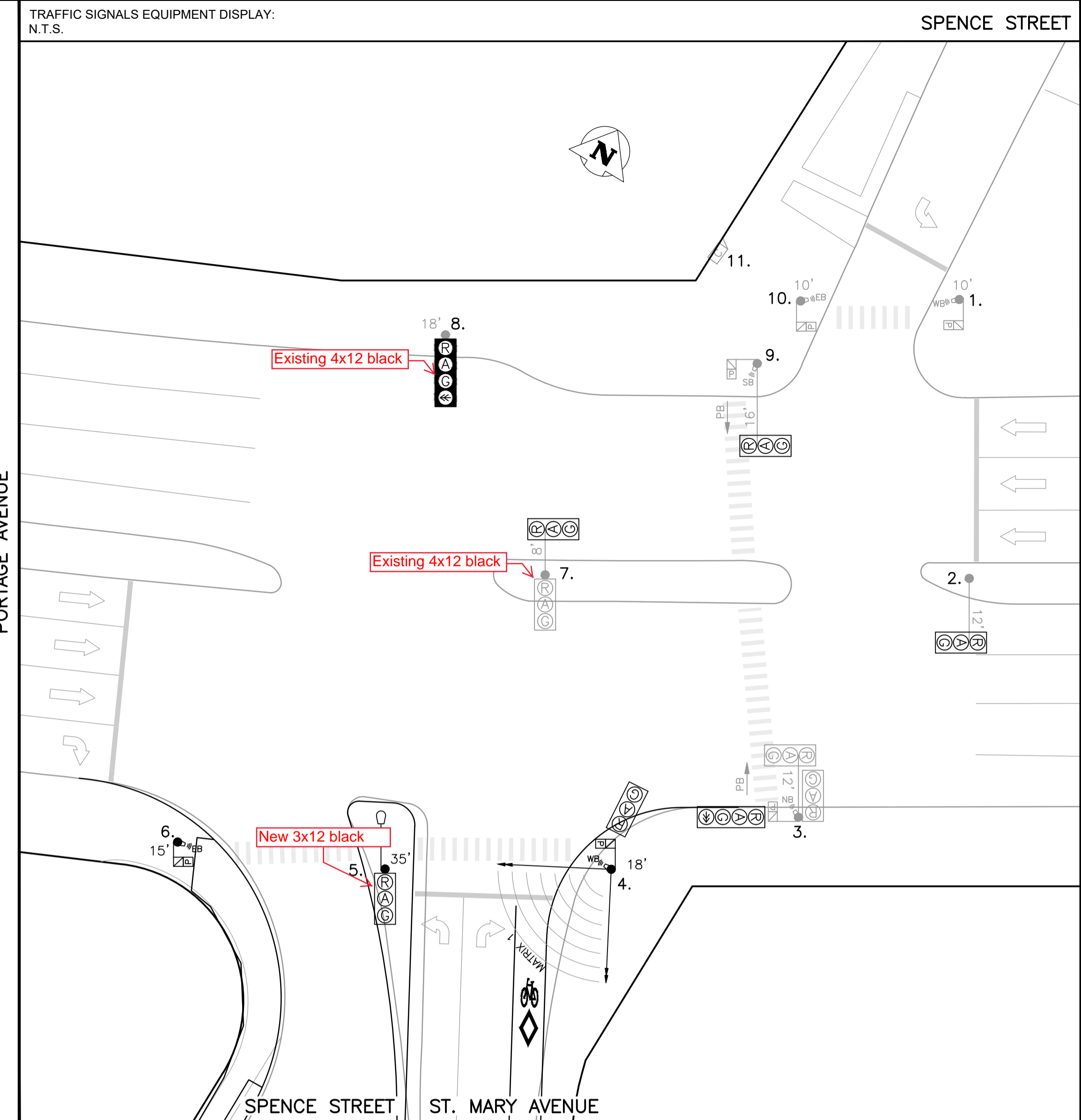
1. INSTALL CONDUIT, BASES AND PITS AS SHOWN.
2. INSTALL EQUIPMENT AS SHOWN.
3. TIMINGS REQUIRED. CROSSING TIME FOR WEST CROSSWALK: XX SECONDS, EAST CROSSWALK: XX SECONDS.

PROJECT COORDINATION

1. COORDINATE WORK WITH (CA'S NAME), (204) XXX-XXXX.
2. TWO WEEKS PRIOR TO CONSTRUCTION, COORDINATE REMOVAL OF STREET LIGHT POLE NEAR POLE #5 WITH SHAWN CARSON, (204) 360-7445, scarson@hydro.mb.ca.



PLAN VIEW: UNDERGROUND CONSTRUCTION
1:300



EQUIPMENT DISPLAY LEGEND				EQUIPMENT LIST				EQUIPMENT LIST						
NO.	DESCRIPTION	ARM	BASE	B.B.	NO.	DESCRIPTION	ARM	BASE	B.B.	NO.	DESCRIPTION	ARM	BASE	B.B.
1.	10' SIGNAL		A	A	11.	332 CABINET/170 CONTROLLER								
2.	DAVIT	12'	A	A	12.	HYDRO MH #131								
3.	DAVIT	12'	A	A		T.S. TIE LINE EAST & WEST								
4.	18' SIGNAL		G	G	13.	HYDRO MH #131P								
5.	35' SIGNAL FOR 150 WATT (15000 LUMEN) LUMINAIRE		G	G		SERVICE:								
6.	10' SIGNAL		G	G										
7.	DAVIT	8'	A	AD										
8.	18' SIGNAL		A	A										
9.	DAVIT	16'	A	A										
10.	10' SIGNAL		A	A										

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

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED
150 WM	WATERMAIN	150 WM	PROPERTY LINE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE
HYDRANT	HYDRANT	ROADWAY	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE
VALVE	VALVE	SIDEWALK	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
300 SEWER	SEWER	CURB & CURB RAMP	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
MANHOLE	MANHOLE	WARNING TILE	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
CATCH BASIN	CATCH BASIN	SLOPE	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
CURB INLET	CURB INLET	CULVERT	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
HYDRO	HYDRO	BUILDING	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
100 GAS	GAS	TREE	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION

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

C.H./R.S.		C.H./R.S.	
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY

ACCOUNTS:	ENGINEER'S SEAL:
PENDING	

PRELIMINARY
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TRAFFIC SIGNALS
PORTAGE AVE. & SPENCE ST./
ST. MARY'S RD.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED
DRAWING NUMBER: S-1012

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