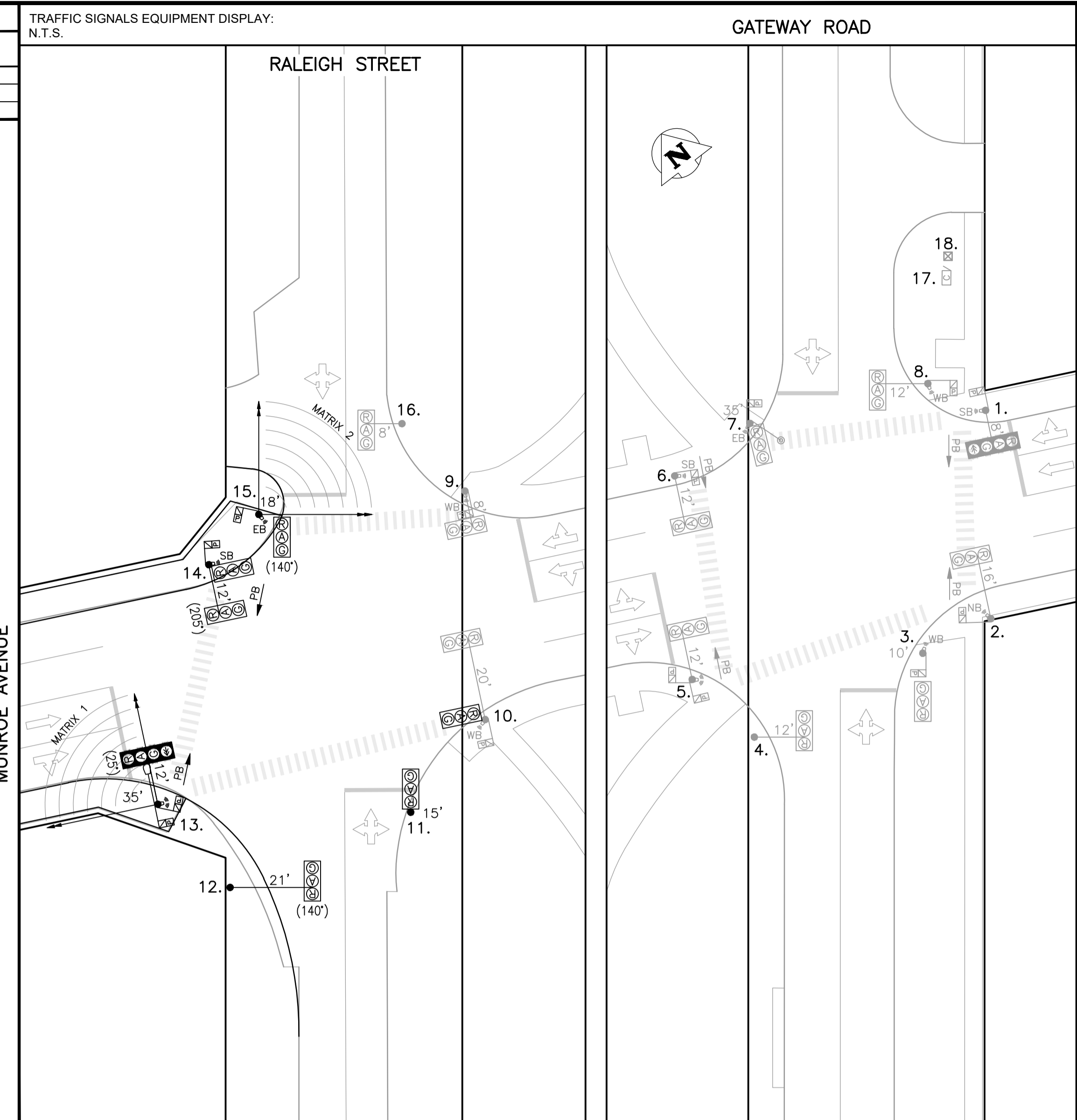


DETECTION CONNECTION DETAILS			
SENSOR NO.	POLE NO.	DETECTION LOCATION	NOTES
MATRIX 1	13		
MATRIX 2	15		

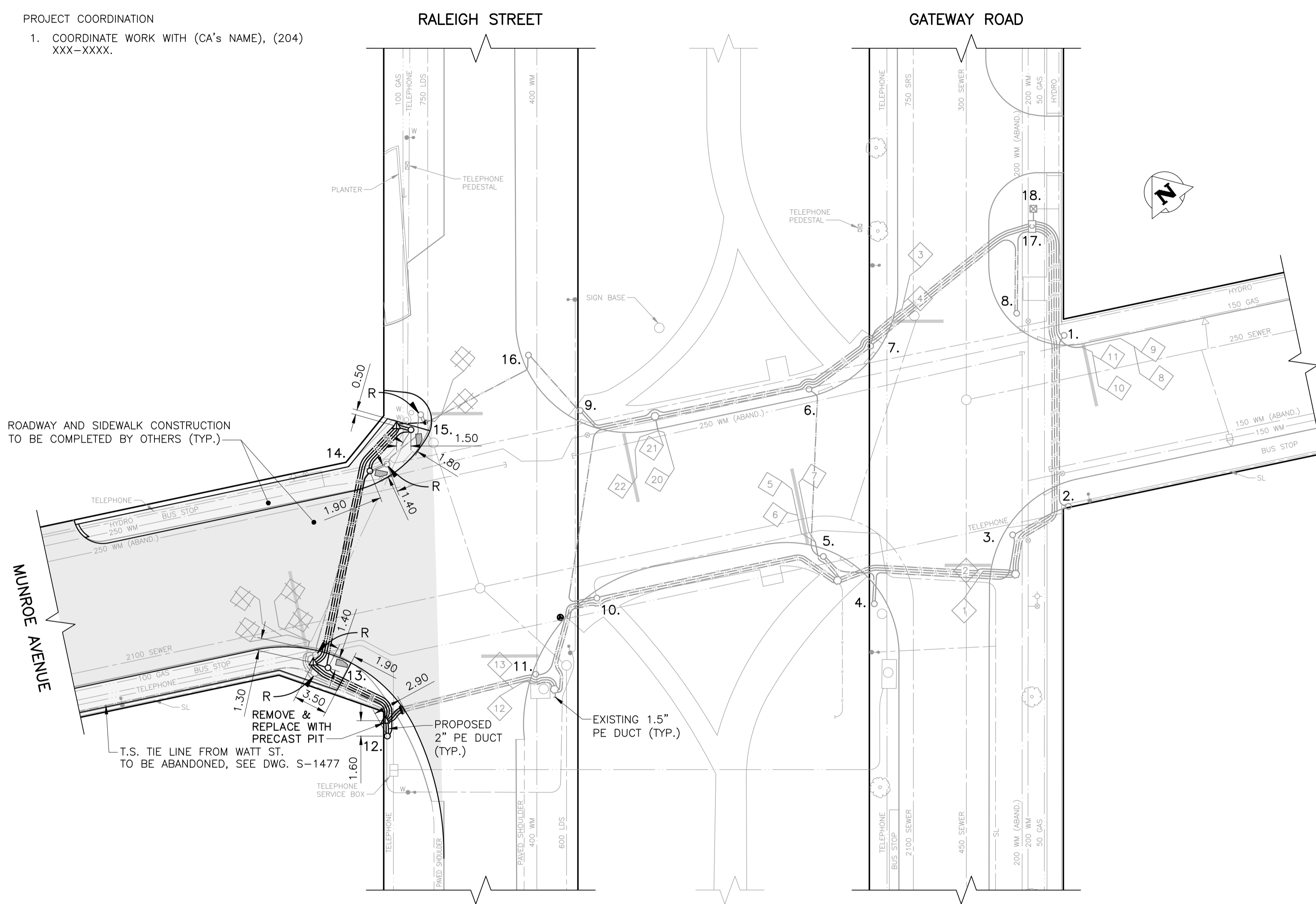


**CONSTRUCTION NOTES:**

- PROJECT SCOPE
1. INSTALL CONDUIT, BASES AND PITS AS SHOWN.
  2. INSTALL EQUIPMENT AS SHOWN.
  3. TIMINGS REQUIRED.

PROJECT COORDINATION

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



PLAN VIEW: UNDERGROUND CONSTRUCTION  
1:300

EQUIPMENT DISPLAY LEGEND				EQUIPMENT LIST				EQUIPMENT LIST			
NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.		
1.	DAVIT		8'	A AD	11.	15' SIGNAL			A A		
2.	DAVIT		16'	A AD	12.	CANTILEVER		21'	OD FIXED		
3.	10' SIGNAL			A A	13.	35' SIGNAL FOR XX WATT (XXXX LUMEN) LUMINAIRE		12'	OD DD		
4.	DAVIT		12'	A AD	14.	CANTILEVER		12'	G GC		
5.	DAVIT		12'	A AD	15.	18' SIGNAL			G G		
6.	DAVIT		12'	A A	16.	DAVIT		8'	A RPB		
7.	35' SIGNAL FOR CAMERA			A AD	17.	332 CABINET/170 CONTROLLER					
8.	DAVIT		12'	A A	18.	HYDRO SECONDARY PEDESTAL SERVICE: BREAKER BOX INSIDE					
9.	DAVIT		8'	A AD							
10.	MEDIUM DUTY DAVIT		20'	A AD							

TRAFFIC SIGNALS UNDERGROUND LEGEND				SIGNAL BASE BOLT SQUARE TYPES			
EXISTING	PROPOSED (AS SHOWN BELOW)	DISCONNECTED (LOOPS ONLY)		BOLT SQUARE (B.S.) DIA.			
1 1/2" PE CONDUIT	---	---	○	TYPE "A" - 8 1/8"			
2" PE CONDUIT	---	---	□	TYPE "B" - 6 3/4"			
2" ENT CONDUIT	---	---	□	TYPE "C" - 8 1/8" SCREW TYPE			
AERIAL / BURIED CABLE	---	---	□	TYPE "D" - 12 3/4", 1 1/4" DIA. BOLTS, 24" DIA.			
CONDUIT STUB	---	---	□	TYPE "OD" - 12 3/4", 1 1/4" DIA. BOLTS, 28" DIA.			
BREAK-IN	---	---	□	TYPE "PD" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS			
SPICE	---	---	□	TYPE "E" - 9 9/16" SCREW TYPE			
SAW-CUT LOOPS	① ②	---	□	TYPE "F" - 9 9/16"			
PERFORMED LOOPS	① ②	---	□	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			

INTERNAL REVIEW			
OPERATIONS:	DATE	INITIALS	
TIMINGS (INITIAL):	DATE	INITIALS	
TIMINGS (PRE-FIC):	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
150 WM	WATERMAIN	150 WM	PROPERTY LINE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE
Hydrant	HYDRANT	Hydrant	ROADWAY	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION	COMMUNICATION
Valve	VALVE	Valve	SIDEWALK	WOOD POLE	WOOD POLE	WOOD POLE	WOOD POLE	WOOD POLE
300 SEWER	SEWER	300 SEWER	CURB & CURB RAMP	STREET LIGHT	STREET LIGHT	STREET LIGHT	STREET LIGHT	STREET LIGHT
Manhole	MANHOLE	Manhole	WARNING TILE	BANNER POLE	BANNER POLE	BANNER POLE	BANNER POLE	BANNER POLE
Catch Basin	CATCH BASIN	Catch Basin	SLOPE	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE	RAILWAY POLE
Curb Inlet	CURB INLET	Curb Inlet	CULVERT	GUY-WIRE	GUY-WIRE	GUY-WIRE	GUY-WIRE	GUY-WIRE
Hydro	HYDRO	Hydro	BUILDING	FENCE	FENCE	FENCE	FENCE	FENCE
100 GAS	GAS	100 GAS	TREE	GUARDRAIL	GUARDRAIL	GUARDRAIL	GUARDRAIL	GUARDRAIL

UNDERGROUND STRUCTURES		CONSTRUCTION REVISIONS	
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.			

R.S.		R.S.	
DESIGNED BY		DRAWN BY	
CHECKED BY		APPROVED BY	
ISSUED FOR INTERNAL REVIEW	DATE (YYYYMMDD)	BY	

ACCOUNTS: WT PENDING

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PRELIMINARY  
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT  
TRANSPORTATION DIVISION

TRAFFIC SIGNALS  
GATEWAY RD./ RALEIGH ST.  
& MUNROE AVE.

DRAWING NUMBER: S-1323