

SIGNALS REVIEW

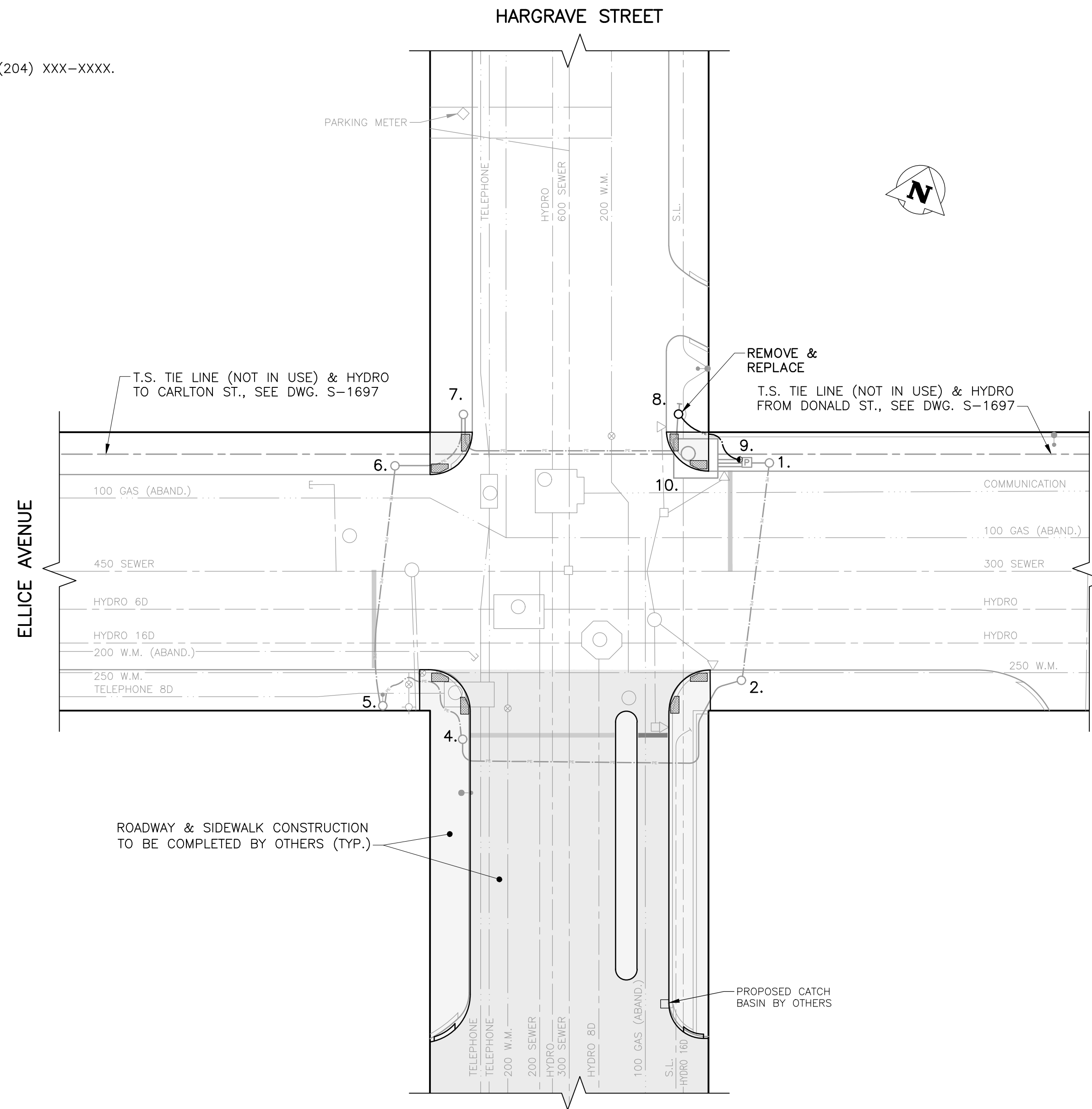
PLANNING

CONSTRUCTION NOTES:

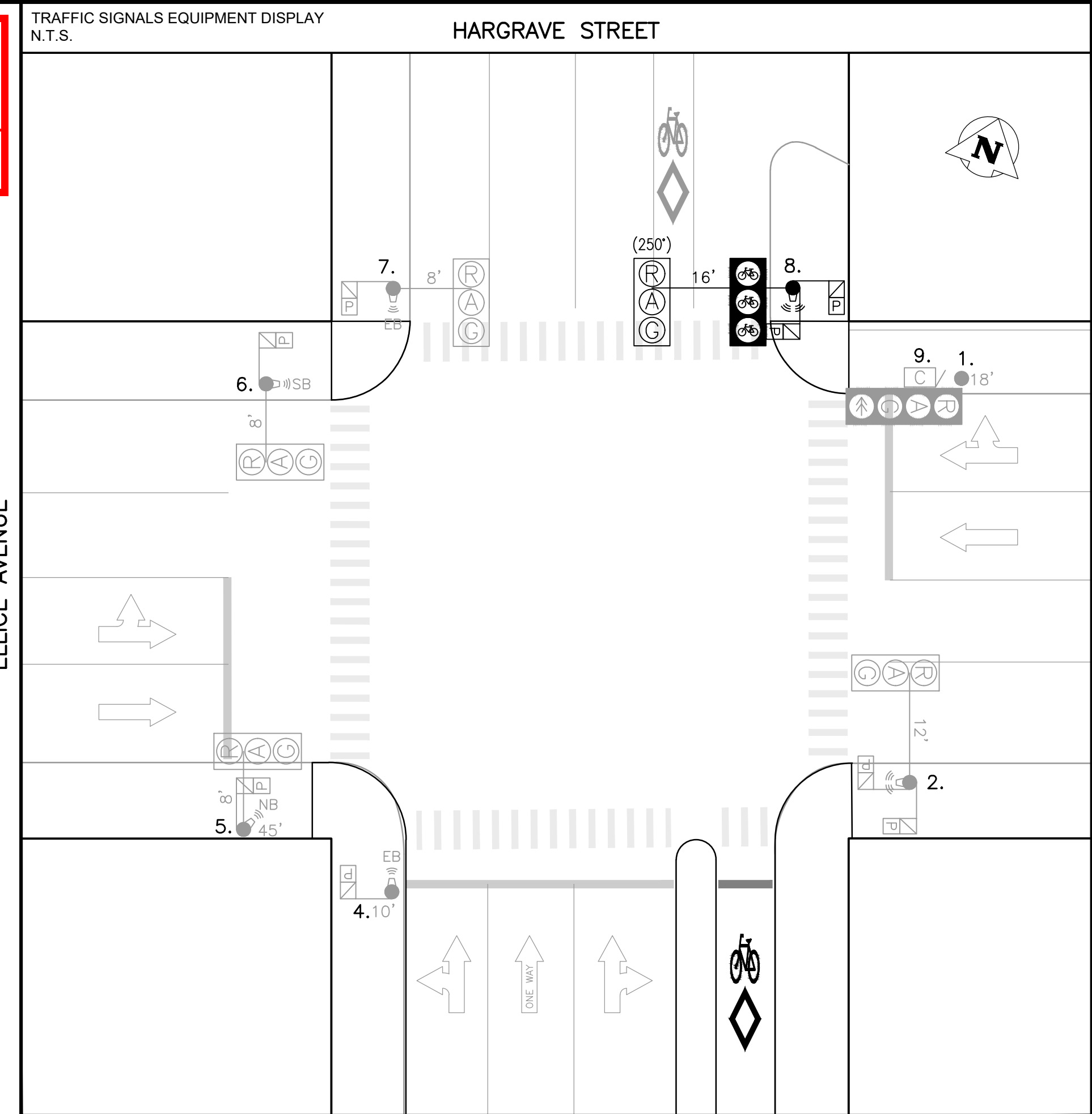
- PROJECT SCOPE
1. INSTALL CONDUIT AND BASE AS SHOWN.
 2. INSTALL EQUIPMENT AS SHOWN.
 3. TIMINGS REQUIRED.

PROJECT COORDINATION

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



PLAN VIEW: UNDERGROUND CONSTRUCTION
1:250



EXISTING		PROPOSED (AS SHOWN BELOW)	
	PEDESTRIAN HEAD		VEHICLE DETECTION AREA
	PEDESTRIAN HEAD WITH PCS		PUSH BUTTON & DIRECTION
	PEDESTRIAN CORRIDOR BOX		APS SINGLE DIRECTION
	TRAFFIC SIGNAL HEAD		TRAFFIC SIGNAL POLE
	RED FLASHER		AMBER FLASHER (2 SEPARATE SPEAKERS)
	LOW ARM (SHOWN FROM CENTRE)		HIGH ARM (SHOWN FROM SIDE)
	LUMINAIRE		CAMERA

UGS ID 2020188

REVIEWED FOR CONSTRUCTION

UNDERGROUND STRUCTURES

REVIEWED

PUBLIC WORKS

WWD

APPROVAL VALID FOR ONE YEAR FROM THE DATE SHOWN BELOW. UNDERGROUND STRUCTURES SHOULD BE NOTIFIED AS SOON AS POSSIBLE OF CANCELLATION OF THE PROJECT OR ANY PORTION THEREOF

LOCATION APPROVED

UNDERGROUND STRUCTURES

SUPERVISOR / DATE

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

NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	18" SIGNAL		B	B					
2.	DAVIT		12'	B	BD				
4.	10" SIGNAL		B	B					
5.	45' S.L.		E	-					
6.	DAVIT		8'	B	B				
7.	DAVIT		8'	B	BD				
8.	CANTILEVER		16'	OD	DC				
9.	332 CABINET/170 CONTROLLER								
10.	HYDRO MANHOLE SERVICE: T.S. TIE LINE WEST								

EXISTING		PROPOSED (AS SHOWN BELOW)	
	1 1/2" PE CONDUIT		POLE BASE
	2" PE CONDUIT		CONTROLLER BASE
	3" ENT CONDUIT		PEDESTAL BASE
	AERIAL / BURIED CABLE		TERMINAL BASE
	CONDUIT STUB		SERVICE BOX (PIT)
	BREAK-IN		24" PRECAST PIT
	SPLICE		30" PRECAST PIT
	SAW-CUT LOOPS		36" PRECAST PIT
	PREFORMED LOOPS		REMOVAL

BOLT SQUARE (B.S.)	
	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 "OD" - 12 3/4", 1 1/4" DIA. BOLTS, 28" DIA.
	TYPE "PD" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS
	TYPE "TE" - 9 9/16" SCREW TYPE
	TYPE "TF" - 9 9/16"
	TYPE "TG" - 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 "T" - 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

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

UNDERGROUND STRUCTURES ID	DATE (YYYYMMDD)

CONSTRUCTION REVISIONS	
0	ISSUED FOR UGS APPROVAL

ACCOUNTS:
WT PENDING

PRELIMINARY
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TRAFFIC SIGNALS
ELLICE AVE. & HARGRAVE ST.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED
DRAWING NUMBER: **S-1755**

UTS: 2018-02-07, Project: Elllice & Hargrave, S-1755, ELLICE & HARGRAVE ST. 1755