

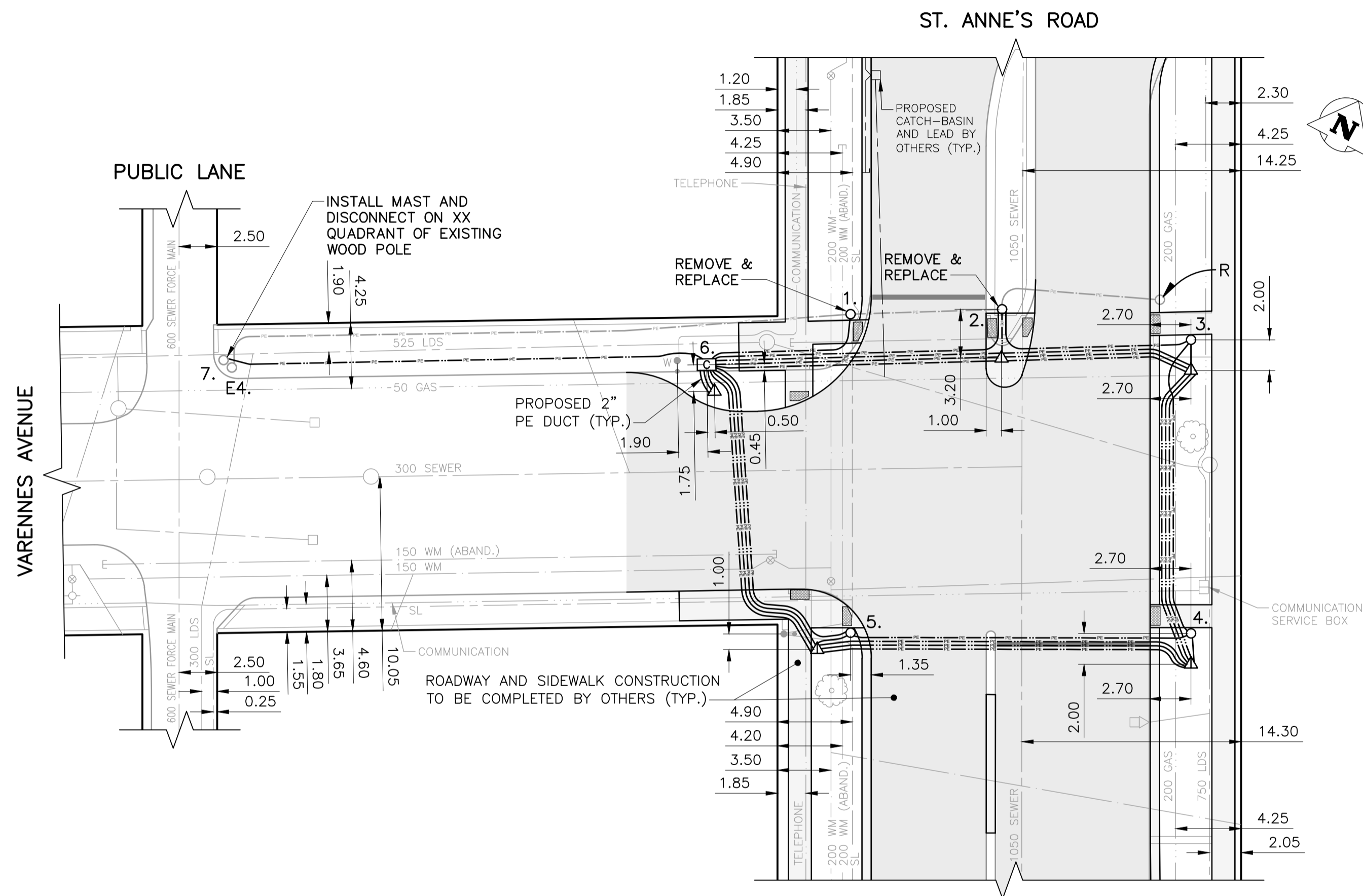
CONSTRUCTION NOTES:

PROJECT SCOPE

1. INSTALL CONDUIT, BASES AND PITS AS SHOWN.
2. INSTALL SERVICE AND GROUND ROD ON WOOD POLE #7 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 #E4 TOTAL LENGTH OF SERVICE CABLE: 40m.
3. INSTALL EQUIPMENT AS SHOWN.
4. TIMINGS REQUIRED.

PROJECT COORDINATION

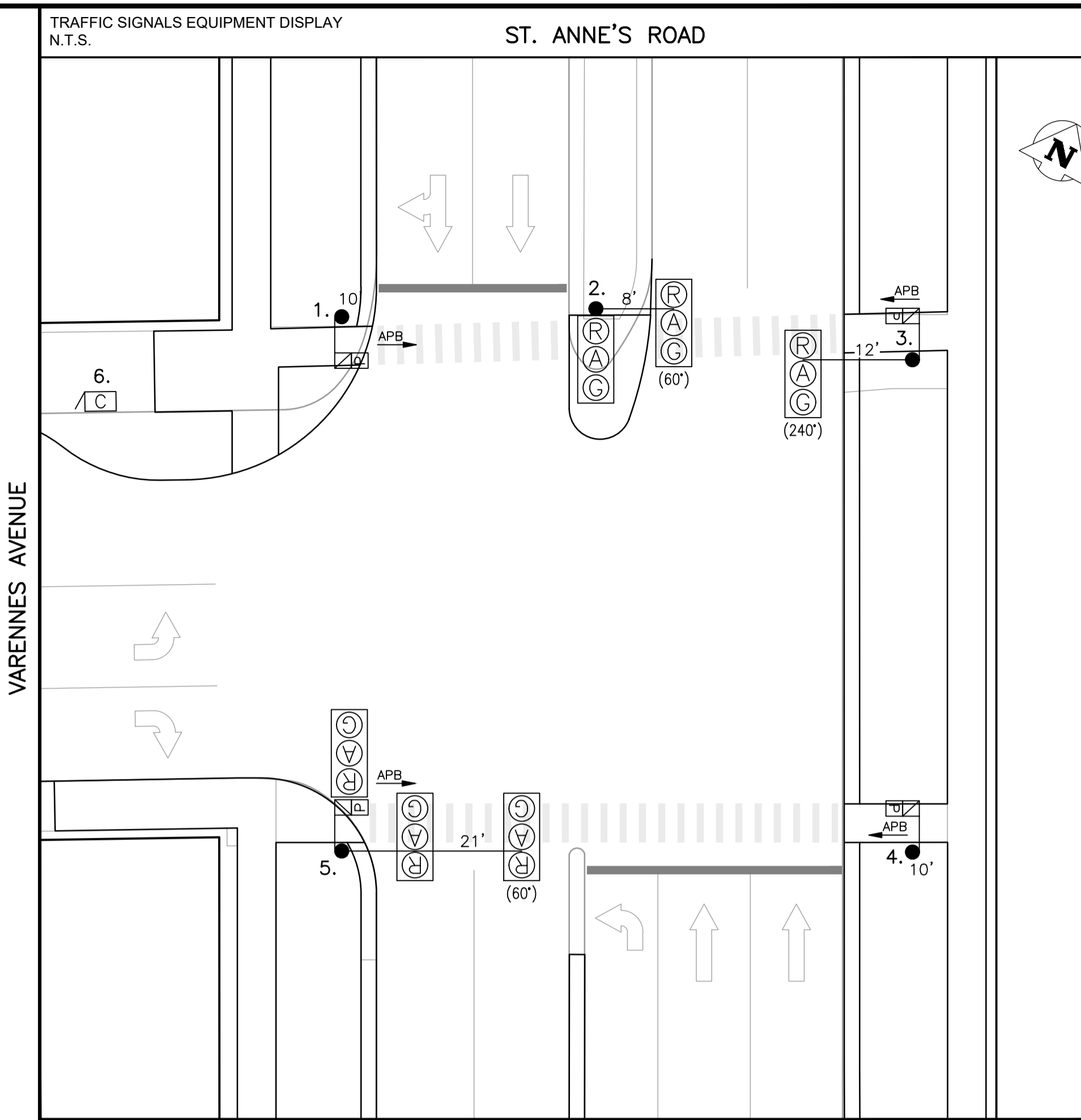
1. COORDINATE WORK WITH (CA'S NAME), (204) XXX-XXXX.
2. COORDINATE HYDRO SERVICE INSTALLATION WITH (HYDRO DESIGNER), (204) XXX-XXXX.
RE: JUTA PERMIT No. BXXXX



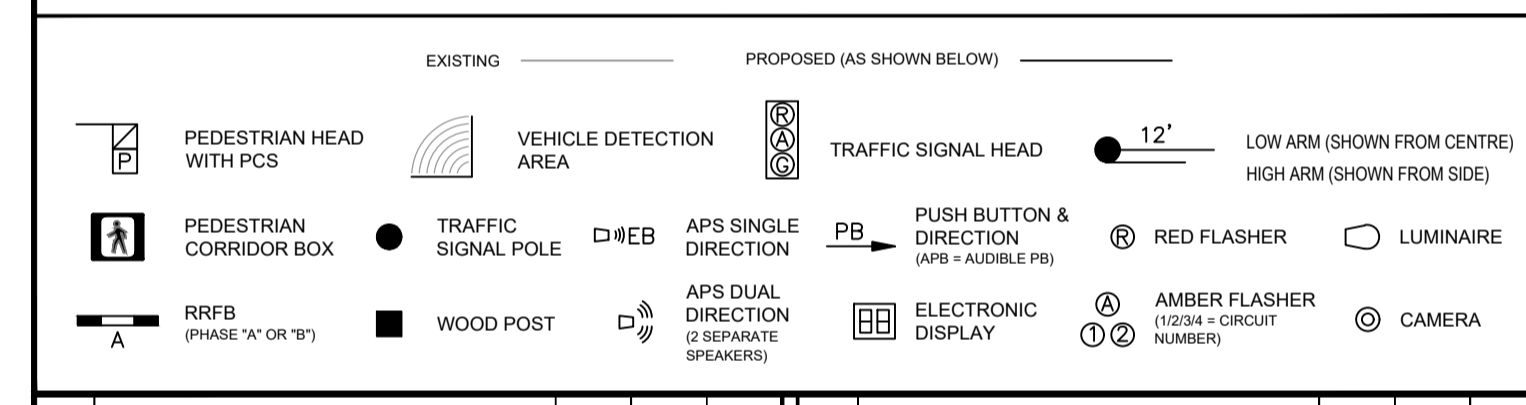
PLAN VIEW: UNDERGROUND CONSTRUCTION

1:250

INTERNAL REVIEW	
TIMINGS (INITIAL):	
TIMINGS (PRE-IFC):	
OPERATIONS:	
UNDERGROUND CONSTRUCTABILITY:	
LAB:	
TMC:	
STREET LIGHTING:	
TRAFFIC MANAGEMENT:	



EQUIPMENT DISPLAY LEGEND



NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	10' SIGNAL		G	G					
2.	CANTILEVER		8' OD	DC					
3.	CANTILEVER		12' OD	DC					
4.	10' SIGNAL		G	G					
5.	CANTILEVER		21' OD	FIXED					
6.	332 CABINET/2070 CONTROLLER								
7.	HYDRO WOOD #XXXXXX SERVICE:								
E4.	HYDRO WOOD SERVICE (TO BE REMOVED)								

TRAFFIC SIGNALS UNDERGROUND LEGEND		SIGNAL BASE BOLT SQUARE TYPES	
EXISTING ABANDONED	PROPOSED (AS SHOWN BELOW) DISCONNECTED (LOOPS ONLY)		
1 1/2" PE CONDUIT	POLE BASE	TYPE "A" - 8 1/8"	
2" PE CONDUIT	WOOD POST	TYPE "B" - 6 3/4"	
4" PVC CONDUIT	CONTROLLER BASE	TYPE "C" - 8 1/8" SCREW TYPE	
AERIAL / BURIED CABLE	PEDESTAL BASE	TYPE "D" - 12 3/4" x 1 1/4" DIA. BOLTS, 24" DIA.	
CONDUIT STUB	TERMINAL BASE	TYPE "E" - 10 5/8" x 1 1/4" DIA. BOLTS, 28" DIA.	
BREAK-IN	SERVICE BOX (PIT)	TYPE "F" - 9 9/16" SCREW TYPE	
SPLICE	24" PRECAST PIT	TYPE "G" - 8 1/8" x 1 1/4" DIA. BOLTS, 89mm PROJ.	
SAW-CUT LOOPS	36" PRECAST PIT	TYPE "H" - 8 1/8" x 1 1/4" DIA. BOLTS, 76mm PROJ.	
PERFORMED LOOPS	REMOVAL	TYPE "I" - 6" x 5/8" DIA. BOLTS	
		TYPE "J" - 9 7/8" SCREW TYPE	
		TYPE "K" - 10 5/8" x 1 1/4" DIA. BOLTS	
		TYPE "L" - 6" x 5/8" DIA. BOLTS	
		TYPE "M" - 8 1/8" x 1 1/4" DIA. BOLTS	
		TYPE "N" - 8 1/8" x 5/8" DIA. BOLTS	

150 WM	WATERMAIN	150 WM	PROPERTY LINE	100 GAS	GAS	100 GAS	UNDERGROUND STRUCTURES
	HYDRANT		SURVEY MARKER	TELEPHONE	TELEPHONE	TELEPHONE	PENDING
	VALVE		ROADWAY	COMMUNICATION	COMMUNICATION	COMMUNICATION	PENDING
	SHUTOFF VALVE		SIDEWALK		WOOD POLE		
300 SEWER	SEWER	300 SEWER	CURB & CURB RAMP		STREET LIGHT		UNDERGROUND STRUCTURES ID DATE (YYYYMMDD)
	MANHOLE		WARNING TILE		RAILWAY POLE		WATER & WASTE REVIEW ID
	CATCH BASIN		CULVERT		GUY-WIRE		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.
	CURB INLET		BUILDING		FENCE		
	HYDRO	HYDRO	TREE		GUARDRAIL		
EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND

CONSTRUCTION REVISIONS		ACCOUNTS:		ENGINEER'S SEAL:	
NO.	REVISION		WT PENDING		
A	ISSUED FOR INTERNAL REVIEW				

DESIGNED BY	R.S.
DRAWN BY	R.S.
CHECKED BY	
APPROVED BY	

PRELIMINARY
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

HALF SIGNALS
ST. ANNE'S RD. & VARENNES AVE.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED
DRAWING NUMBER: S-1648