

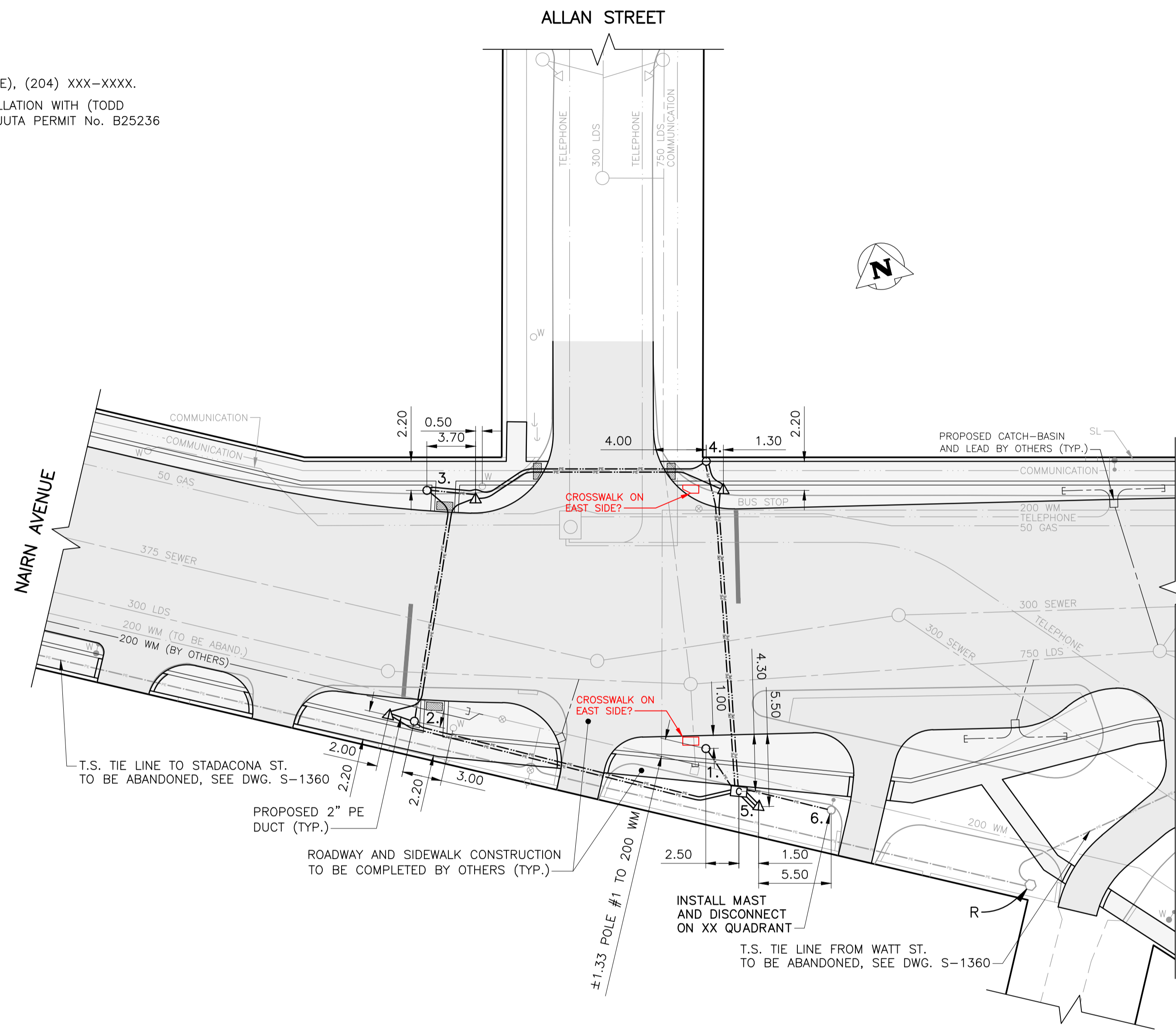
CONSTRUCTION NOTES:

PROJECT SCOPE

1. INSTALL CONDUIT, BASES AND PITS AS SHOWN.
2. INSTALL SERVICE AND GROUND ROD ON WOOD POLE #6 AS SHOWN. INSTALL MAST AND DISCONNECT ON XX QUADRANT. INSTALL WEATHER HEAD 150mm LOWER THAN THE LOWEST HYDRO WIRE. TOTAL LENGTH OF SERVICE CABLE: 15m.
3. INSTALL EQUIPMENT AS SHOWN.
4. TIMINGS REQUIRED.

PROJECT COORDINATION

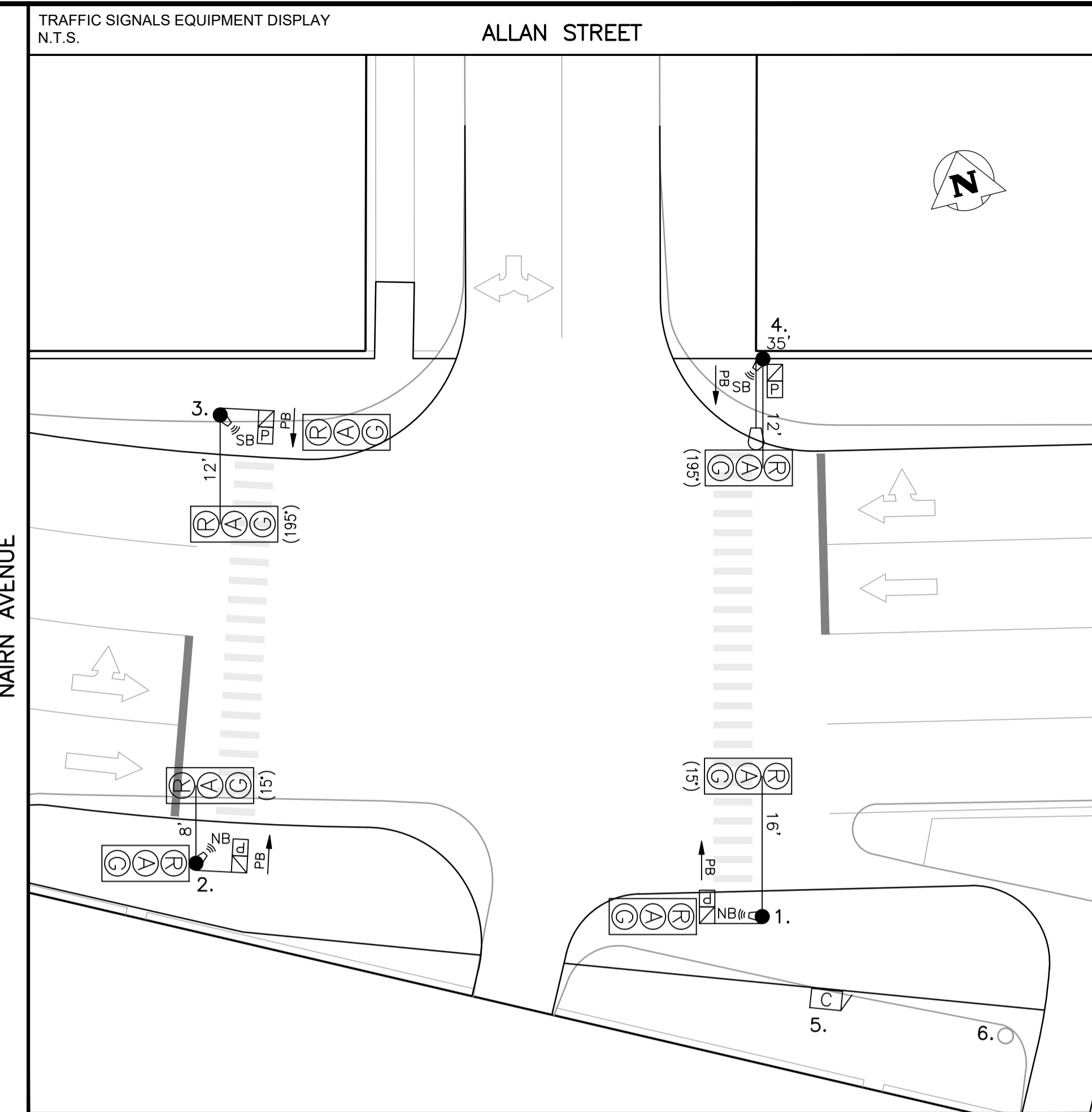
1. COORDINATE WORK WITH (CA'S NAME), (204) XXX-XXXX.
2. COORDINATE HYDRO SERVICE INSTALLATION WITH (TODD FOUNTAIN), (204) 792-3682. RE: JUTA PERMIT No. B25236



PLAN VIEW: UNDERGROUND CONSTRUCTION

1:250

INTERNAL REVIEW			
OPERATIONS:	DATE	INITIALS	
LAB:	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	



EQUIPMENT DISPLAY LEGEND

EXISTING	PROPOSED (AS SHOWN BELOW)	DESCRIPTION
[Symbol]	[Symbol]	PEDESTRIAN HEAD WITH PCS
[Symbol]	[Symbol]	VEHICLE DETECTION AREA
[Symbol]	[Symbol]	TRAFFIC SIGNAL HEAD
[Symbol]	[Symbol]	LOW ARM (SHOWN FROM CENTRE)
[Symbol]	[Symbol]	HIGH ARM (SHOWN FROM SIDE)
[Symbol]	[Symbol]	PEDESTRIAN CORRIDOR BOX
[Symbol]	[Symbol]	TRAFFIC SIGNAL POLE
[Symbol]	[Symbol]	APS SINGLE DIRECTION
[Symbol]	[Symbol]	PUSH BUTTON & DIRECTION (APB = ADJUSTABLE PB)
[Symbol]	[Symbol]	RED FLASHER
[Symbol]	[Symbol]	LUMINAIRE
[Symbol]	[Symbol]	RRFB (PHASE 'A' OR 'B')
[Symbol]	[Symbol]	WOOD POST
[Symbol]	[Symbol]	APS DUAL DIRECTION (SEPARATE DISPLAYS)
[Symbol]	[Symbol]	ELECTRONIC DISPLAY
[Symbol]	[Symbol]	AMBER FLASHER (CIRCUIT 'A' OR 'B')
[Symbol]	[Symbol]	CAMERA

NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	CANTILEVER	16'	G	GC					
2.	CANTILEVER	8'	G	GC					
3.	CANTILEVER	12'	OD	DC					
4.	35' SIGNAL FOR XX WATT (XXXX LUMEN) LUMINAIRE	12'	OD	DD					
5.	332 CABINET/2070 CONTROLLER								
6.	HYDRO WOOD #XXXXXX SERVICE:								

TRAFFIC SIGNALS UNDERGROUND LEGEND

EXISTING	PROPOSED (AS SHOWN BELOW)	DESCRIPTION
[Symbol]	[Symbol]	1 1/2" PE CONDUIT
[Symbol]	[Symbol]	2" PE CONDUIT
[Symbol]	[Symbol]	4" PVC CONDUIT
[Symbol]	[Symbol]	AERIAL / BURIED CABLE
[Symbol]	[Symbol]	CONDUIT STUB
[Symbol]	[Symbol]	BREAK-IN
[Symbol]	[Symbol]	SPLICE
[Symbol]	[Symbol]	SAW-CUT LOOPS
[Symbol]	[Symbol]	PREFORMED LOOPS
[Symbol]	[Symbol]	POLE BASE
[Symbol]	[Symbol]	WOOD POST
[Symbol]	[Symbol]	CONTROLLED BASE
[Symbol]	[Symbol]	PEDESTAL BASE
[Symbol]	[Symbol]	TERMINAL BASE
[Symbol]	[Symbol]	SERVICE BOX (PIT)
[Symbol]	[Symbol]	24" PRECAST PIT
[Symbol]	[Symbol]	30" PRECAST PIT
[Symbol]	[Symbol]	36" PRECAST PIT
[Symbol]	[Symbol]	REMOVAL

SIGNAL BASE BOLT SQUARE TYPES

BOLT SQUARE (B.S.)	DIA.
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 "POD" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS, 28" DIA.	
TYPE "E" - 9 9/16" SCREW TYPE	
TYPE "F" - 9 9/16"	
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 "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	

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED
[Symbol]	WATERMAIN	[Symbol]	[Symbol]	PROPERTY LINE	[Symbol]	[Symbol]	TELEPHONE	[Symbol]
[Symbol]	HYDRANT	[Symbol]	[Symbol]	ROADWAY	[Symbol]	[Symbol]	TELEPHONE	[Symbol]
[Symbol]	VALVE	[Symbol]	[Symbol]	SIDEWALK	[Symbol]	[Symbol]	TELEPHONE	[Symbol]
[Symbol]	SEWER	[Symbol]	[Symbol]	CURB & CURB RAMP	[Symbol]	[Symbol]	TELEPHONE	[Symbol]
[Symbol]	MANHOLE	[Symbol]	[Symbol]	WARNING TILE	[Symbol]	[Symbol]	TELEPHONE	[Symbol]
[Symbol]	CATCH BASIN	[Symbol]	[Symbol]	SLOPE	[Symbol]	[Symbol]	TELEPHONE	[Symbol]
[Symbol]	CURB INLET	[Symbol]	[Symbol]	CULVERT	[Symbol]	[Symbol]	TELEPHONE	[Symbol]
[Symbol]	HYDRO	[Symbol]	[Symbol]	BUILDING	[Symbol]	[Symbol]	TELEPHONE	[Symbol]
[Symbol]	GAS	[Symbol]	[Symbol]	TREE	[Symbol]	[Symbol]	TELEPHONE	[Symbol]

UNDERGROUND STRUCTURES	
UNDERGROUND STRUCTURES ID	DATE (YYYYMMDD)
WATER & WASTE REVIEW ID	

CONSTRUCTION REVISIONS			
NO.	REVISION	DATE (YYYYMMDD)	BY
A	ISSUED FOR INTERNAL REVIEW	2022/03/15	R.S.

ACCOUNTS:	
WT PENDING	

PRELIMINARY
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TRAFFIC SIGNALS
ALLAN ST. & STREET AVE.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED
DRAWING NUMBER: S-2150