

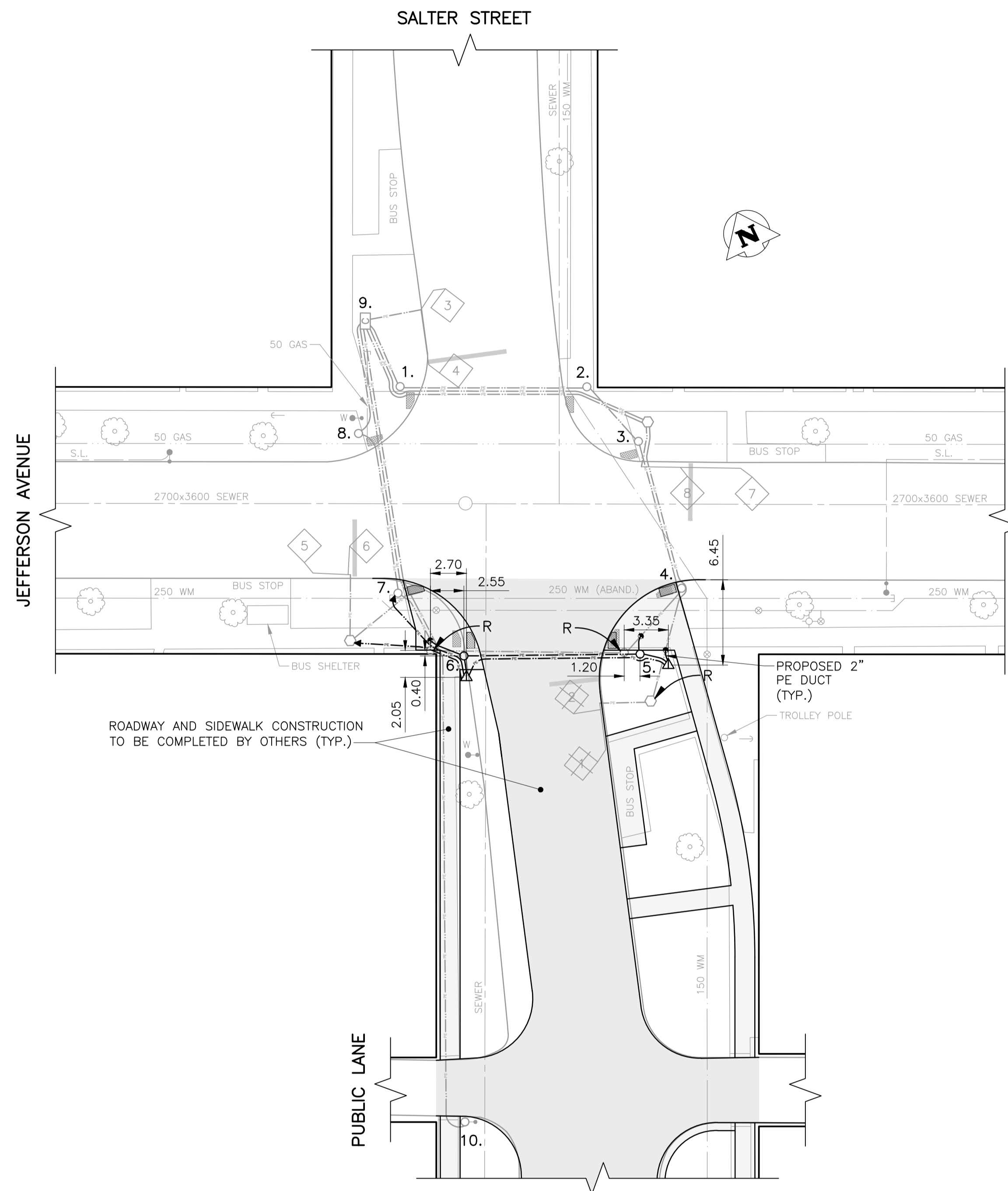
CONSTRUCTION NOTES:

PROJECT SCOPE

1. INSTALL CONDUIT, BASES AND PITS AS SHOWN.
2. INSTALL EQUIPMENT AS SHOWN.

PROJECT COORDINATION

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

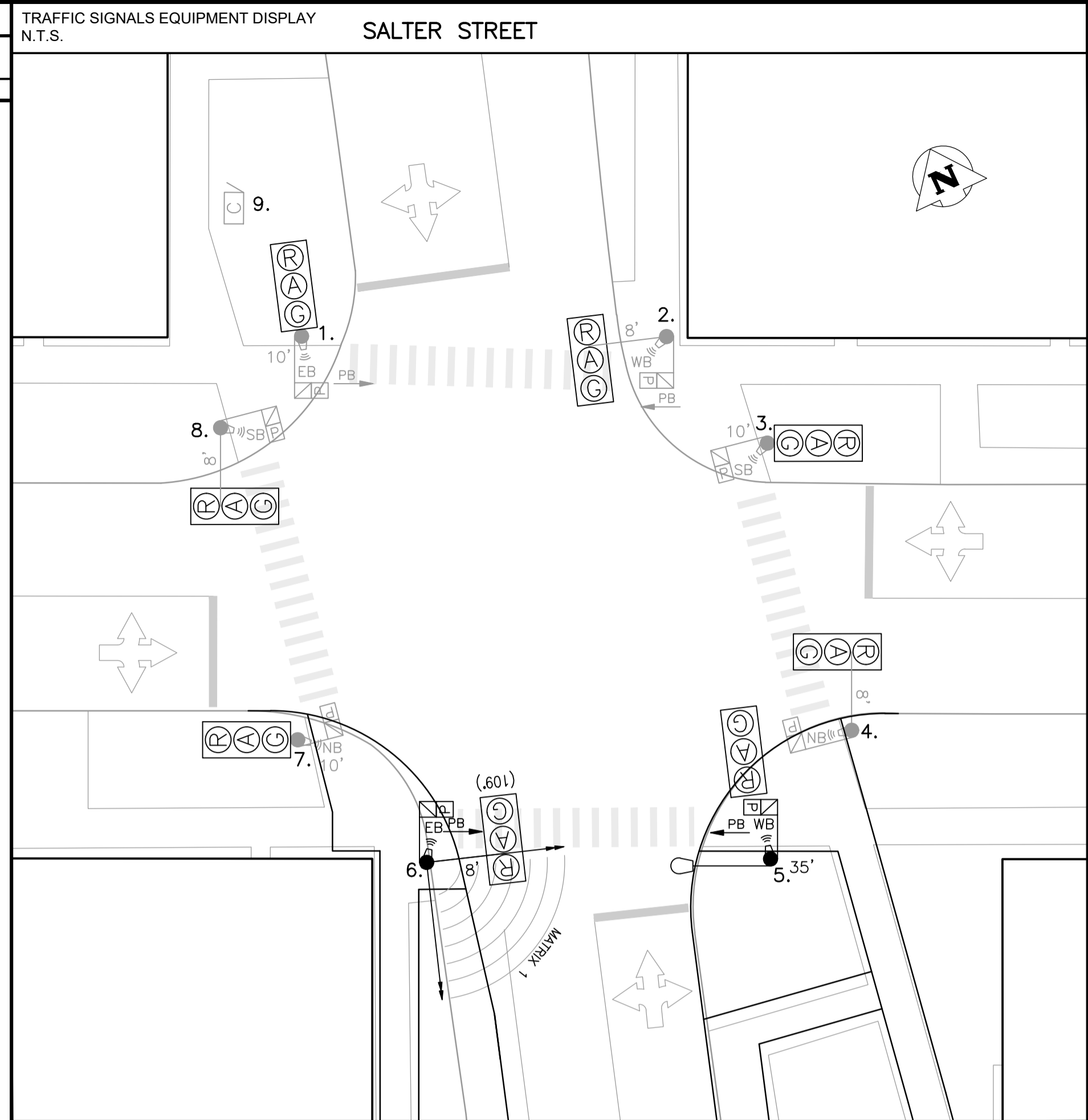


PLAN VIEW: UNDERGROUND CONSTRUCTION

1:250

INTERNAL REVIEW		
OPERATIONS:	DATE	INITIALS
LAB:	REQUIRES FC DWG?	DATE
TIMINGS (INITIAL):	DATE	INITIALS
TIMINGS (PRE-IFC):	NEW TIMINGS?	DATE
TMC:	DATE	INITIALS
UNDERGROUND CONSTRUCTABILITY:	DATE	INITIALS
STREET LIGHTING:	DATE	INITIALS
TRAFFIC MANAGEMENT:	DATE	INITIALS

DETECTION CONNECTION DETAILS			
SENSOR NO.	POLE NO.	DETECTION LOCATION	NOTES
MATRIX 1	6	NB LANE	



EQUIPMENT DISPLAY LEGEND

EXISTING	PROPOSED (AS SHOWN BELOW)	DESCRIPTION
		PEDESTRIAN HEAD WITH PCS
		PEDESTRIAN HEAD WITHOUT PCS
		VEHICLE DETECTION AREA
		TRAFFIC SIGNAL POLE
		APS SINGLE DIRECTION
		APS DUAL DIRECTION (2 SEPARATE DISPLAYS)
		RRFB (PHASE 'A' OR 'B')
		WOOD POST
		TRAFFIC SIGNAL HEAD
		PUSH BUTTON & DIRECTION (APB = AUDIBLE PB)
		RED FLASHER
		LUMINAIRE
		AMBER FLASHER
		CAMERA

NO.	EQUIPMENT LIST	ARM	BASE	B.B.	NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	10' SIGNAL		A	A	10.	HYDRO WOOD SERVICE:			
2.	DAVIT		8'	A AD					
3.	10' SIGNAL		A	A					
4.	DAVIT		8'	A AD					
5.	35' SIGNAL FOR 60 WATT (7000 LUMEN) LUMINAIRE		OD	DD					
6.	DAVIT		8'	G GD					
7.	10' SIGNAL		A	A					
8.	DAVIT		8'	A AD					
9.	332 CABINET/170 CONTROLLER								

TRAFFIC SIGNALS UNDERGROUND LEGEND

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

SIGNAL BASE BOLT SQUARE TYPES

BOLT SQUARE (B.S.)	DIA.	DESCRIPTION
	8 1/8"	TYPE "A" - 8 1/8"
	6 3/4"	TYPE "B" - 6 3/4"
	8 1/8" SCREW TYPE	TYPE "C" - 8 1/8" SCREW TYPE
	12 3/4", 1 1/4" DIA. BOLTS, 24" DIA.	TYPE "D" - 12 3/4", 1 1/4" DIA. BOLTS, 24" DIA.
	12 3/4", 1 1/4" DIA. BOLTS, 28" DIA.	TYPE "OD" - 12 3/4", 1 1/4" DIA. BOLTS, 28" DIA.
	12 3/4", PRECAST, 1 1/4" DIA. BOLTS, 28" DIA.	TYPE "POD" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS, 28" DIA.
	9 9/16" SCREW TYPE	TYPE "E" - 9 9/16" SCREW TYPE
	9 9/16"	TYPE "F" - 9 9/16"
	8 1/8", 1 1/4" DIA. BOLTS, 89mm PROJ.	TYPE "G" - 8 1/8", 1 1/4" DIA. BOLTS, 89mm PROJ.
	8 1/8", 1 1/4" DIA. BOLTS, 76mm PROJ.	TYPE "GS" - 8 1/8", 1 1/4" DIA. BOLTS, 76mm PROJ.
	8 1/8", PRECAST, 1 1/4" DIA. BOLTS	TYPE "PG" - 8 1/8", PRECAST, 1 1/4" DIA. BOLTS
	9 7/8" SCREW TYPE	TYPE "H" - 9 7/8" SCREW TYPE
	7 3/4"	TYPE "I" - 7 3/4"
	10 5/8", 1 1/4" DIA. BOLTS	TYPE "J" - 10 5/8", 1 1/4" DIA. BOLTS
	10 5/8", PRECAST, 1 1/4" DIA. BOLTS	TYPE "K" - 10 5/8", PRECAST, 1 1/4" DIA. BOLTS
	6", 5/8" DIA. BOLTS	TYPE "L" - 6", 5/8" DIA. BOLTS
	8 1/8", PRECAST, 5/8" DIA. BOLTS	TYPE "PM" - 8 1/8", PRECAST, 5/8" DIA. BOLTS

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	UNDERGROUND STRUCTURES	CONSTRUCTION REVISIONS	ACCOUNTS:	ENGINEER'S SEAL:
	WATERMAIN			PROPERTY LINE			TELEPHONE		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)	PENDING	
	HYDRANT			ROADWAY			COMMUNICATION		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		
	VALVE			SIDEWALK			WOOD POLE		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		<p>LIABILITY DISCLAIMER NOTICE: THE DIGITAL INFORMATION PROVIDED FOR YOUR CONVENIENCE HEREIN IS FOR USE AT YOUR OWN RISK. THE CITY OF WINNIPEG, PUBLIC WORKS DEPARTMENT, SHALL ASSUME NO RESPONSIBILITY FOR THE INFORMATION AND IT SHOULD NOT BE CONSTRUED AS ASSULT INFORMATION. THE INFORMATION SHOULD BE USED FOR PLANNING PURPOSES ONLY AND SHOULD BE VERIFIED BY SURVEY. THE DEPARTMENT SHALL NOT IN ANY WAY SUFFER ANY LIABILITY WHATSOEVER TO ANY PARTY FOR INJURY, LOSS OR DAMAGES SUFFERED BY SUCH PARTY ARISING FROM THEIR USE OF, OR RELIANCE UPON, THIS INFORMATION.</p>
	SHUTOFF VALVE			CURB & CURB RAMP			STREET LIGHT		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		
	SEWER			WARNING TILE			BANNER POLE		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		<p>THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT TRANSPORTATION DIVISION</p>
	MANHOLE			CULVERT			RAILWAY POLE		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		
	CATCH BASIN			BUILDING			GUY-WIRE		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		<p>TRAFFIC SIGNALS JEFFERSON AVE. & SALTER ST.</p>
	CURB INLET			TREE			FENCE		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		
	HYDRO			GAS			GUARDRAIL		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		<p>UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED</p>
	EXISTING			LEGEND			LEGEND		UNDERGROUND STRUCTURES ID	DATE (YYYY/MM/DD)		

U:\Staff\Engineering\Infrastructure\Water & Sewer\2023\23-00250_Culvert\Drawings\Infrastructure_Salter & Salter_23-00250.dwg