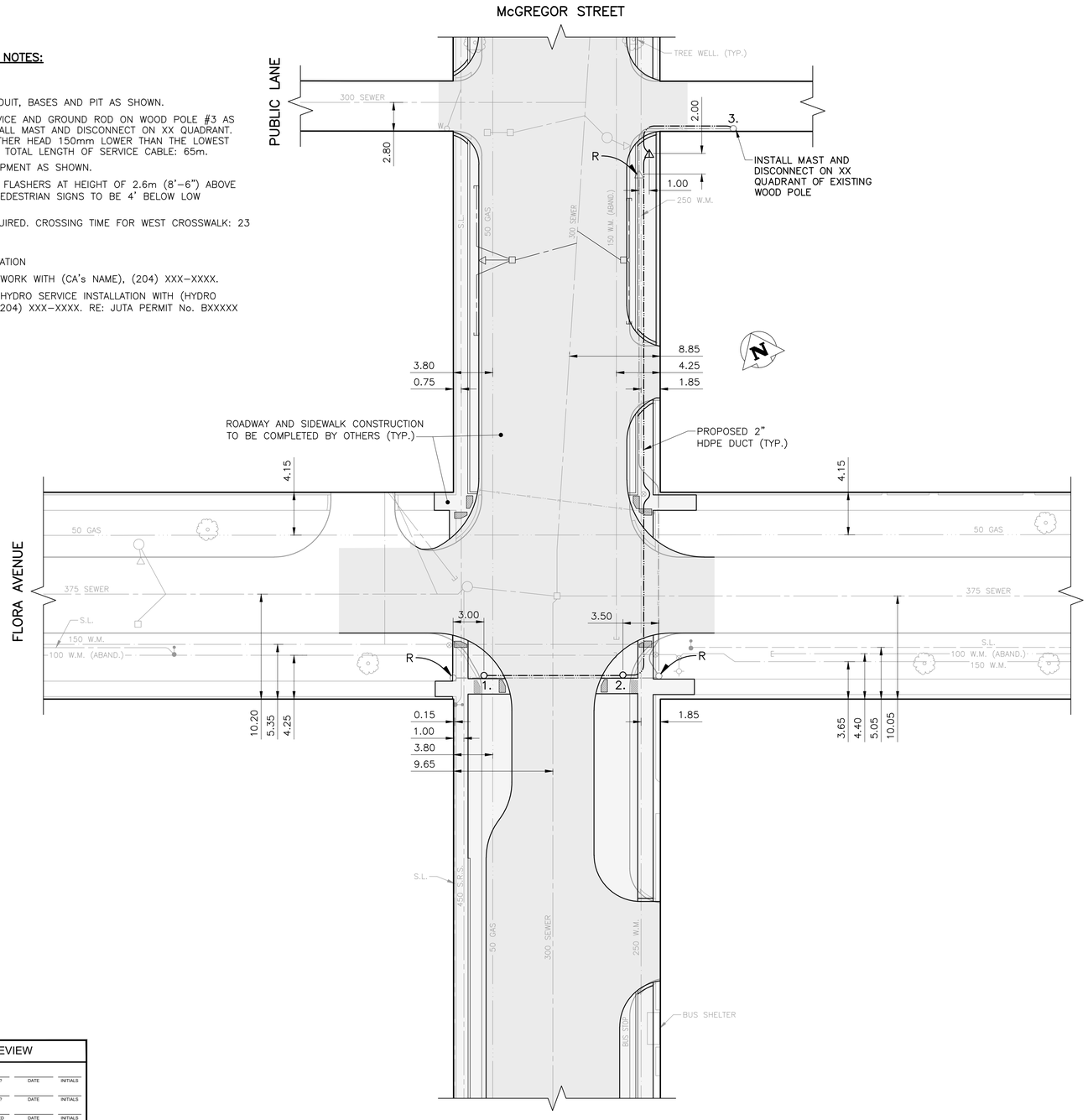
CONSTRUCTION NOTES:

PROJECT SCOPE

1. INSTALL CONDUIT, BASES AND PIT AS SHOWN.
2. INSTALL SERVICE AND GROUND ROD ON WOOD POLE #3 AS SHOWN. INSTALL MAST AND DISCONNECT ON XX QUADRANT. INSTALL WEATHER HEAD 150mm LOWER THAN THE LOWEST HYDRO WIRE. TOTAL LENGTH OF SERVICE CABLE: 65m.
3. INSTALL EQUIPMENT AS SHOWN.
4. INSTALL LOW FLASHERS AT HEIGHT OF 2.6m (8'–6") ABOVE THE BASE. PEDESTRIAN SIGNS TO BE 4' BELOW LOW FLASHERS.
5. TIMINGS REQUIRED. CROSSING TIME FOR WEST CROSSWALK: 23 SECONDS.

PROJECT COORDINATION

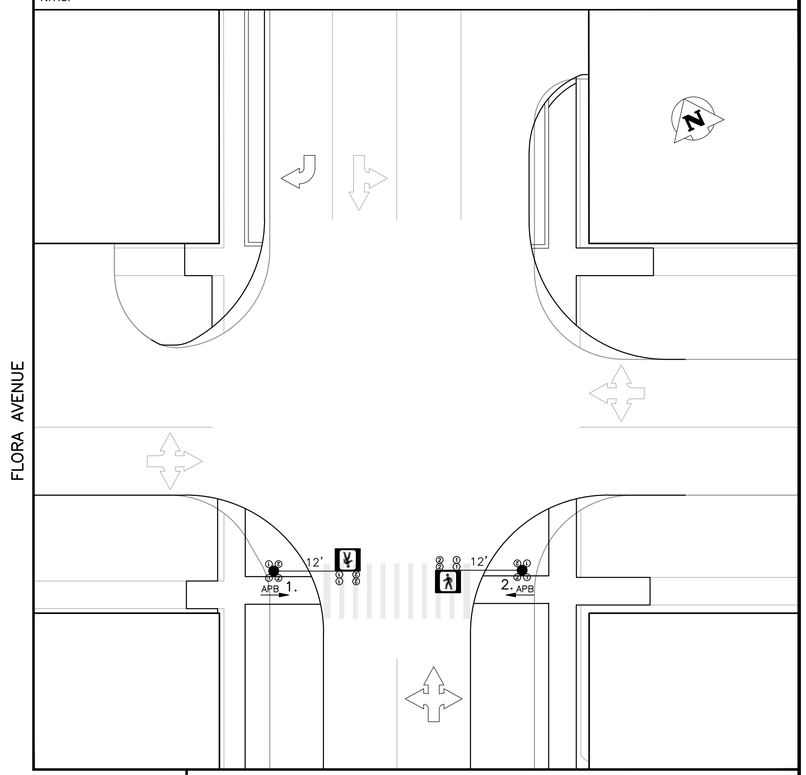
1. COORDINATE WORK WITH (CA's NAME), (204) XXX–XXXX.
2. COORDINATE HYDRO SERVICE INSTALLATION WITH (HYDRO DESIGNER), (204) XXX–XXXX. RE: JUTA PERMIT No. BXXXXX



PLAN VIEW: UNDERGROUND CONSTRUCTION

1:250

TRAFFIC SIGNALS EQUIPMENT DISPLAY
N.T.S.



EQUIPMENT DISPLAY LEGEND

EXISTING — PROPOSED (AS SHOWN BELOW)

PEDESTRIAN HEAD WITH PCS
VEHICLE DETECTION AREA
TRAFFIC SIGNAL HEAD
12' LOW ARM (SHOWN FROM CENTRE) HIGH ARM (SHOWN FROM SIDE)
PEDESTRIAN CORRIDOR BOX
TRAFFIC SIGNAL POLE
EB APS SINGLE DIRECTION
PB PUSH BUTTON & DIRECTION (APB = AUDIBLE PB)
RED FLASHER
LUMINAIRE
RRFB (PHASE "A" OR "B")
WOOD POST
APS DUAL DIRECTION (2 SEPARATE SPEAKERS)
ELECTRONIC DISPLAY
AMBER FLASHER (1/2/3/4 = CIRCUIT NUMBER)
CAMERA

NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	CANTILEVER	12'	OD	DC
2.	CANTILEVER	12'	OD	DC
3.	HYDRO WOOD SERVICE:			

NO.	EQUIPMENT LIST	ARM	BASE	B.B.

INTERNAL REVIEW

	NEW TIMINGS? / DAYS REQUIRED	DATE	INITIALS
TIMINGS (INITIAL):			
TIMINGS (PRE-IFC):			
OPERATIONS:			
UNDERGROUND CONSTRUCTABILITY:			
LAB:	REQUIRE IFC DWG? / DAYS REQUIRED		
TMC:			
STREET LIGHTING:			
TRAFFIC MANAGEMENT:			

TRAFFIC SIGNALS UNDERGROUND LEGEND

EXISTING — PROPOSED (AS SHOWN BELOW)
ABANDONED — DISCONNECTED (LOOPS ONLY)

1 1/2" PE CONDUIT — POLE BASE
2" PE CONDUIT — WOOD POST
4" PVC CONDUIT — CONTROLLER BASE
AERIAL / BURIED CABLE — PEDESTAL BASE
CONDUIT STUB — TERMINAL BASE
BREAK-IN — SERVICE BOX (PIT)
SPLICE — 24" PRECAST PIT
30" PRECAST PIT
SAW-CUT LOOPS — 36" PRECAST PIT
PREFORMED LOOPS — 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 "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 "M" - 8 1/8", 5/8" DIA. BOLTS
TYPE "PM" - 8 1/8", PRECAST, 5/8" DIA. BOLTS

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED
150 WM	WATERMAIN	150 WM		PROPERTY LINE		100 GAS	GAS	100 GAS
	HYDRANT			SURVEY MARKER		TELEPHONE	TELEPHONE	TELEPHONE
	VALVE			ROADWAY		COMMUNICATION	COMMUNICATION	COMMUNICATION
	SHUTOFF VALVE			SIDEWALK			WOOD POLE	
300 SEWER	SEWER	300 SEWER		CURB & CURB RAMP			STREET LIGHT	
	MANHOLE			WARNING TILE			RAILWAY POLE	
	CATCH BASIN			CULVERT			GUY-WIRE	
	CURB INLET			BUILDING			FENCE	
HYDRO	HYDRO	HYDRO		TREE			GUARDRAIL	

UNDERGROUND STRUCTURES

PENDING
UNDERGROUND STRUCTURES ID — DATE (YYYY/MM/DD)

PENDING
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.

CONSTRUCTION REVISIONS

NO.	REVISION	DATE (YYYY/MM/DD)	BY
A	ISSUED FOR INTERNAL REVIEW		

DESIGNED BY: J.S.
DRAWN BY: J.S.
CHECKED BY:
APPROVED BY:

ACCOUNTS: PENDING

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Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

PEDESTRIAN CORRIDOR
FLORA AVE. & McGREGOR ST.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

DRAWING NUMBER: S-2047

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