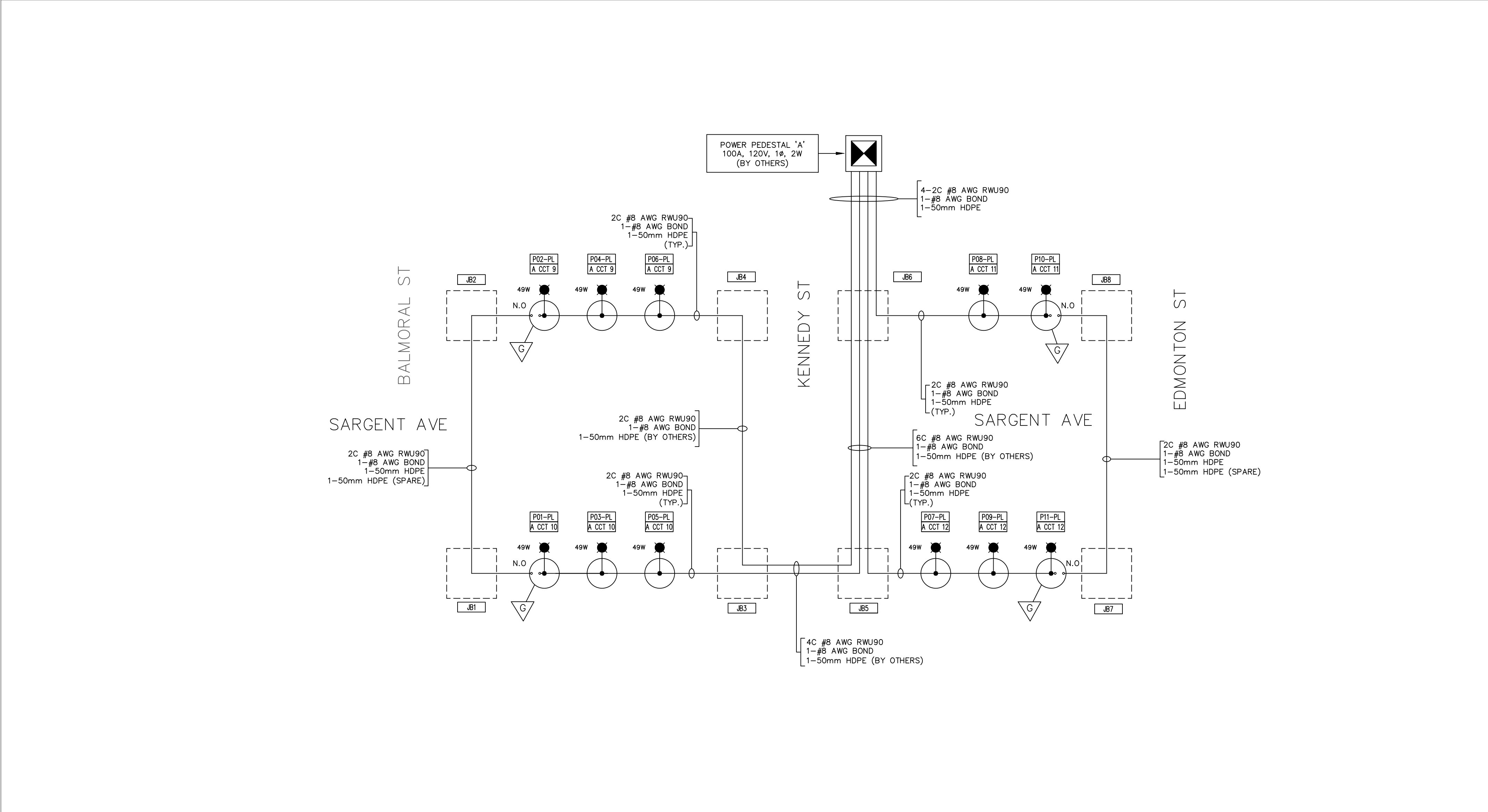




KEY MAP



AREA: KENNEDY AVE WINNIPEG, MB

LEGEND — STREETLIGHTING:

- STREETLIGHT POWER DISTRIBUTION PANEL
- SIGNALS AND S/L POWER PEDESTAL (BY OTHERS)
- STREETLIGHT JUNCTION BOX/PULL BOX
- STREETLIGHT DUCT
- BASE MOUNTED 15FT POLE C/W PEDESTRIAN LUMINAIRE
- GROUND ROD/PLATE

GENERAL NOTES:

- VERIFY LOCATIONS OF UTILITIES AND PROTECT AGAINST DAMAGE DURING CONSTRUCTION.
- COORDINATE POLE FOOTING AND POWER LOCATIONS WITH CIVIL AND LANDSCAPE DRAWINGS.
- CONDUIT TRENCH LINE IS SHOWN FOR APPROXIMATE ROUTING. CONTRACTOR SHALL CONFIRM AND COORDINATE ROUTING OF CONDUIT WITH SITE CONDITIONS.
- WHERE CONDUITS ARE ROUTED UNDER ROADWAYS, COORDINATE DEPTH OF BURIAL WITH CITY OF WINNIPEG REQUIREMENTS AND UTILITY CROSSINGS.
- SOME ELECTRICAL SYMBOLS ARE ENLARGED FOR CLARITY AND DO NOT REPRESENT THEIR ACTUAL SIZE.
- SPARE LOOP FEED CONDUCTORS SHALL REMAIN NORMALLY OPEN AND BE INSULATED, CAPPED AND CLEARLY LABELED AT ALL ACCESS POINTS. ANY RECONNECTION SHALL BE PERFORMED BY QUALIFIED PERSONNEL AFTER CONFIRMING CIRCUITS ARE DE-ENERGIZED. THE SYSTEM SHALL NOT BE ENERGIZED IN A CLOSED-LOOP CONFIGURATION.
- POWER PEDESTAL 'A' AND PULL PITS JB3, JB4, JB5, JB6 WILL BE DONE BY OTHERS. SPARE CONDUITS WILL BE PROVIDED BY OTHERS BETWEEN THESE PITS FOR CABLE INSTALLATION.

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PRELIMINARY

NO.	DATE	REVISIONS	BY
0	2024-05-13	ISSUED FOR TENDER	W.H.

PREPARED FOR: PREPARED BY:



DESCRIPTION: SINGLE LINE DIAGRAM

LOCATION: SARGENT AVE WINNIPEG, MB

DESIGNED BY: W.H.	DATE: 2024-05-13
DRAWN BY: M.M.	SIZE: ISO_A1
CONTRACTOR'S REFERENCE NO.: 0020782	SCALE: 1:250
CLIENTS PROJECT NO.	PLAN: 2 OF 2

POLE SCHEDULE

Pole No.	Pole Description	Footing	Roadway Luminaire	Pedestrian Luminaire	Comments
P01	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	Ground rod/plate
P02	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	Ground rod/plate
P03	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	
P04	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	
P05	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	
P06	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	
P07	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	
P08	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	
P09	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	
P10	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	Ground rod/plate
P11	Base-mounted 15' pole (pedestrian)	Barkman precast base		49W	Ground rod/plate

PANEL SCHEDULE

PANEL SCHEDULE									
Panel: Power Pedestal 'A'		Voltage: 120V		Amps: 100 A		Phase: 1Ø, 2W		Location: Kennedy and Sargent	
Main Breaker: 100A 2-pole		Bus Rating: 100 A, 8 CCT		Fed From:		Mounting: Pad Mount		Total Load (W): 2050	
SPACE	CCT	Description	Load (W)	BRKR	SPACE	CCT	Description	Load (W)	BRKR
1	1	Existing S/L	216	15A	2	3	Existing S/L	147	15A
	2	Existing S/L	216	15A		4	Existing S/L	98	15A
3	5	Existing S/L	147	15A	4	7	Existing S/L	324	15A
	6	Existing S/L	147	15A		8	Existing S/L	216	15A
5	9	Streetlights (NW)	147	15A	6	11	Streetlights (NE)	98	15A
	10	Streetlights (SW)	147	15A		12	Streetlights (SE)	147	15A
7	13				8	15			
	14					16			