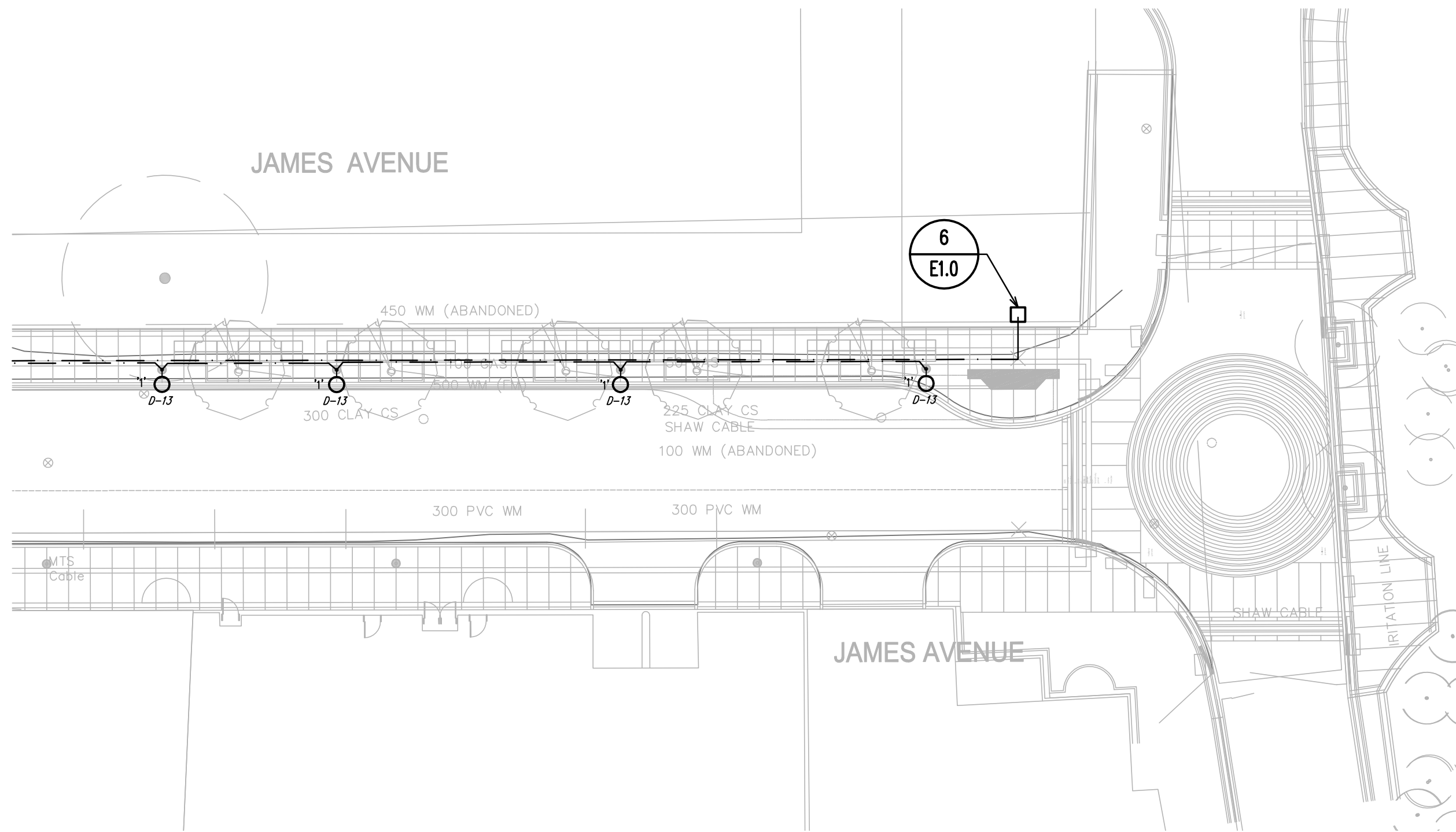


1 JAMES AVENUE ELECTRICAL RECONSTRUCTION
SCALE: 1:250



2 JAMES AVENUE ELECTRICAL RECONSTRUCTION (CONT'D)
SCALE: 1:250

LUMINAIRE SCHEDULE							
TYPE	MANUFACTURER	CATALOGUE NO.	VOLTS	LAMP	TOTAL WATTS FOR LUM	TYPE OF DRIVER	REMARKS
1	HOLOPHANE	AWDE 40 3K AS M B 3 N S B	120	40W LED300K	40	ON/OFF	WASHINGTON KLINE POST-TOP LUMINAIRE C/W PCS TWISTLOCK PHOTO CONTROL OPTION. POLE SHALL BE 15' ALUMINUM TAPERED POLE, POWDER COATED BLACK WITH LARGE HAND-HOLE
2	BY CITY OF WINNIPEG	STITSVILLE LUMINAIRE C/W POLE. CONTACT CITY OF WINNIPEG.	120	40W LED300K	45	ON/OFF	MODIFIED STITSVILLE LUMINAIRE C/W SCREW-IN LED LAMPS. PROVIDE 60W 347/120V LED DRIVER/TRANSFORMER AT BASE OF POLE MOUNTED IN HANDHOLD, GROUNDED TO POLE LUG.
3	COLOUR KINETICS	ICOLOR ACCENT MX POWERCORE GEN2 (4FT)	120	40W LED300K	10W/FT	DMX	4FT LINEAR COLOUR CHANGING LUMINAIRE C/W DMX CONTROL.

PANEL		D (C/W MAIN BREAKER)				FED FROM:	MH SERVICE POINT
VOLTAGE:		120/208V/100/3W				MOUNTING:	SURFACE
						POWER:	NORMAL
DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD
DECORATIVE LTG - MARKET TO JAMES	528	15	1	A	13	15	444
DECORATIVE LTG - MARKET TO JAMES SOUTH	308	15	2	B	14		SPACE
DECORATIVE LTG - HYDRO WALL	330	15	3	A	15		SPACE
DECORATIVE LTG - MARKET TO JAMES NORTH	308	15	4	B	16		SPACE
SPACE					5	A	17
SPACE					6	B	18
SPACE					7	A	19
SPACE					8	B	20
SPACE					9	A	21
SPACE					10	B	22
SPACE					11	A	23
SPACE					12	B	24
LIGHTING 1.92		ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING	
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS		LAUNDRY EQUIPMENT	
ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT	
						TOTAL (kVA) 1.92	

CONTINUED BELOW

- GENERAL NOTES:**
1. VERIFY LOCATIONS OF UTILITIES AND PROTECT ALL ELECTRICAL EQUIPMENT AGAINST DAMAGE DURING CONSTRUCTION.
 2. COORDINATE POLE FOOTING AND POWER LOCATIONS WITH CIVIL AND LANDSCAPE DRAWINGS.
 3. CONDUIT TRENCH LINE IS SHOWN FOR APPROXIMATE ROUTING. CONTRACTOR SHALL CONFIRM AND COORDINATE ROUTING OF CONDUIT WITH SITE CONDITIONS.
 4. WHERE CONDUITS ARE ROUTED UNDER ROADWAYS, COORDINATE DEPTH OF BURIAL WITH CITY OF WINNIPEG REQUIREMENTS.

- NOTES:**
- ◇ PROVIDE POST-TOP LUMINAIRE C/W POLE AS SPECIFIED. REFER TO DETAIL 1/E1.0 AND 3/E1.0 FOR POLE BASE AND POLE DETAILS.
 - ◇ WIRE AND CONNECT LUMINAIRE TO EXISTING PANEL D AS SPECIFIED. UTILIZE 2-#6AWG RWU90 Cu FOR EACH CIRCUIT TO NEW BREAKER AS INDICATED
 - ◇ PEDESTRIAN LEVEL STREET LIGHTING TRENCH SHALL BE RUN 1500mm FROM BACK OF CURB. COORDINATE TRENCH LINE WITH NEW/EXISTING STRUCTURE ON SITE PRIOR TO CUTTING AND INSTALLATION OF CONDUIT.
 - ◇ INSTALL TWO (2) 53mm(2") RED U/G PVC CONDUIT. ONE CONDUIT SHALL SERVE NEW LIGHTING CIRCUIT. ONE CONDUIT SHALL EXTEND FROM NEW PULL-BOX TO NEW WATER-LEVEL MONUMENT. REFER TO DETAIL 6/E1.0.
 - ◇ UTILIZE HEAVY-DUTY BELOW GRADE PULL-BOX C/W STEEL COVER FOR TIE-IN TO EXISTING CONDUIT. COORDINATE LOCATION WITH EXISTING CONDUIT. COORDINATE SIDEWALK CUTS WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION. REFER TO 4/E1.0
 - ◇ UTILIZE 2-#12 RW90 Cu FOR CONNECTION TO LUMINAIRE.

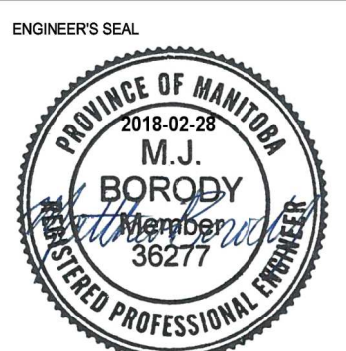
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LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY: _____ DATE: _____
SUPERVISING STRUCTURES
LOCATION 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

G.M. - BENCHMARK LOCATION ELEV. 232.000 TOP OF TOP NUT ON HYDRANT		DESIGNED BY: MJB		CHECKED BY: MJB	
H		DRAWN BY: MFP/EDO		APPROVED BY: MJB	
G		HOR. SCALE: 1:250		RELEASED FOR CONSTRUCTION	
F		VERTICAL		DATE: 28-FEB-2018	
E		NO. REVISIONS		DATE	
D		28-FEB-18		MJB	
C		12-JAN-18		MJB	
B		ISSUED FOR TENDER			
A		ISSUED FOR UG STRUCTURES REVIEW			



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

Winnipeg

NORTH EAST EXCHANGE DISTRICT ENGINEERING STUDY

STREET RENEWALS
JAMES AVENUE
LILY STREET TO WATERFRONT DRIVE
JAMES AVE. ELECTRICAL RECONSTRUCTION

CITY DRAWING NUMBER

SHEET 18 OF 19

BID NO. 61-2018