C2-CU-024

MANHOLE, CATCH BASIN, CATCH PIT & DITCH INLET STRUCTURE AND LOCATION TABLE

STRUCTURE NAME	DESCRIPTION	FRAME & COVER	NORTHING	EASTING	EX RIM ELEV	PROP RIM ELEV	INV NORTH	INV SOUTH	INV EAST	INV WEST	BOTTOM ELEV	CB LEAD	SPECIAL FEATURES
CB.24	SD-024 CB		5523756.2709	630908.8386		232.324			230.594	231.397	229.99	12.6m OF 300 SSP @ 1.50%	
CB.25	SD-024 CB		5523716.1387	630905.0926		231.990		SE 230.128 SW 230.470			229.76	17.0m OF 300 SSP @ 1.50%	
CB.26	SD-024 CB		5523676.2117	630902.8761		231.184		SE 229.560			228.96	13.1m OF 300 SSP @ 1.50%	
CB.27	SD-024 CB		5523633.6149	630901.2688		229.681	228.100	SE 227.887			227.63	2.5m OF 250 SSP @ 2.00%	
CB.42	SD-024 CB		5523636.1897	630930.4110		229.691	227.500	SW 227.400			227.64	2.5m OF 250 SSP @ 1.99%	
CB.43	SD-024 CB		5523669.2626	630928.7934		230.977	230.196		229.692	229.382	228.78	15.2m OF 300 SSP @ 1.50%	
CB.45	SD-024 CB		5523734.6238	630929.8971		232.164		230.330		230.230	230.10	2.5m OF 250 SSP @ 2.02%	
CB.59	SD-024 CB		5523667.2701	630936.3160		230.849		229.729		229.629	229.21	2.5m OF 250 SSP @ 1.98%	
CB.72	SD-025 CB w/ BEEHIVE INLET		5523609.4295	630898.4770		228.710			227.010		226.53	15.7m OF 250 SSP @ 2.00%	
CB.96	SD-024 CB		5523804.8836	630932.4663		232.568		SE 231.385		230.928	230.50	10.3m OF 300 SSP @ 1.50%	
CB.97	SD-024 CB		5523803.6662	630912.0363		232.589	231.891		231.732		230.53	10.1m OF 300 SSP @ 1.50%	
CB.164	SD-025 CB		5523795.5323	630940.4610		232.670	NW 231.570				229.57	12.3m OF 250 SSP @ 1.50%	
CP.20	SD-023 CP		5523709.8850	630896.4368		231.845	NE 230.995				231.00	10.7m OF 300 SSP @ 1.50%	
CP.21	SD-023 CP		5523753.6863	630908.5466		232.299	231.449				229.45	2.6m OF 250 SSP @ 2.00%	
CP.23	SD-023 CP		5523636.1151	630901.3708		229.782		229.117			227.12	2.5m OF 250 SSP @ 2.00%	
CP.36	SD-023 CP		5523638.7044	630930.5019		229.792		229.128			227.13	2.5m OF 250 SSP @ 1.99%	
CP.37	SD-023 CP		5523671.6826	630928.7976		231.051		230.244			228.24	2.4m OF 250 SSP @ 2.00%	
CP.38	SD-023 CP		5523732.1643	630930.1989		232.136	231.313				229.31	2.5m OF 250 SSP @ 2.02%	
CP.41	SD-023 CP		5523664.9661	630935.2943		230.786	NE 229.936				227.94	2.5m OF 250 SSP @ 1.98%	
CP.77	SD-023 CP		5523806.1701	630912.2076		232.609		231.941			229.94	2.5m OF 250 SSP @ 1.99%	
CP.109	SD-023 CP		5523724.4393	630897.2974		231.998		SW 231.148			229.15	11.4m OF 250 SSP @ 1.50%	

MANHOLE STRUCTURE AND LOCATION TABLE

STRUCTURE NAME	DESCRIPTION	NORTHING	EASTING	EX RIM ELEV	PROP RIM ELEV	BOTTOM ELEV
MH.L19	SD-010 1200 mm	5523755.2770	630921.3684		232.653	230.23
MH.L20	SD-010 1200 mm	5523704.9038	630917.7985		231.860	228.81
MH.L29	SD-010 1200 mm	5523804.1539	630922.1685		232.983	230.50
MH.L46	BASE Ø 1500, HT 1800 TRANSITION 1500x1200	5523626.8841	630912.0198		229.600	225.90
MH.L47	BASE Ø 1500, HT 1800 TRANSITION 1500x1200	5523668.7519	630913.6472		231.130	227.27
MH.L48	SD-010 1200 mm	5523734.7449	630919.9927		231.572	230.05

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

BID OPPORTUNITY NO. 473-2016

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 WM	WATER MAIN	150 WM		PIPE ABANDONMENTS		150 WM	WATER MAIN	150 WM
	HYDRANT			SURVEY BAR			HYDRANT	
	VALVE			CURB STOP			VALVE	
300 LDS	LAND DRAINAGE SEWER	300 LDS		REDUCER		300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS		COUPLING		250 WWS	WASTE WATER SEWER	250 WWS
	SEWER SERVICE PIPE	SSP		ANODE			PAVEMENT CROWN	
	DRAINAGE CONNECTION PIPE			HYDRO			N/W PROPERTY LINE	
	MANHOLE			MTS			S/E PROPERTY LINE	
	CATCH BASIN			GAS			N/W GUTTER	
	CURB INLET			TESTHOLE			S/E GUTTER	
	CULVERT			LAMP STANDARD				

UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE

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 WITH CONSTRUCTION.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	17/01/09	WJd

AECOM

DESIGNED BY MPG
CHECKED BY
DRAWN BY KLC
APPROVED BY
HOR. SCALE 1:500
VERTICAL 1:100
RELEASED FOR CONSTRUCTION
DATE DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA
M.P.A. GAUDREAU
Member 32167
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
60321148

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

WAVERLEY STREET UNDERPASS AT CN MILE 3.89 RIVERS SUB
CONTRACT 2: UNDERPASS STRUCTURE, RAILWORKS, ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION AND LANDSCAPING WORKS

LAND DRAINAGE SYSTEM
STRUCTURE & LOCATION SCHEDULE 6

CITY DRAWING NUMBER U239-2016-C2-CU-040
SHEET 40 OF 41
CONSULTANT DRAWING NUMBER C2-CU-040

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