

C2-CU-026

**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.89	SD-024 CB		5523215.8998	630929.3447		232.531	NW 231.666 NE 231.230	SE 231.181			230.48	16.2m OF 250 SSP @ 1.50%	
CB.111	SD-024 CB		5523196.0293	630938.7817		232.579	230.960	SE 230.939			230.34	17.0m OF 300 SSP @ 1.50%	
CB.130	SD-024 CB		5523169.5492	630874.5569		232.423		SE 231.752		230.936	230.15	10.2m OF 300 SSP @ 1.50%	
CB.131	SD-024 CB		5523163.6026	630912.6626		232.518	231.703	SE 231.340 SW 231.863			230.26	7.8m OF 300 SSP @ 1.50%	
CB.135	SD-024 CB		5523192.8230	630705.5764		232.150		230.740			229.85	3.4m OF 250 SSP @ 2.02%	
CB.183	SD-024 CB		5523193.6309	630855.0561		232.620	NW 230.980	SW 231.478			230.38	13.2m OF 250 SSP @ 1.50%	
CB.184	SD-024 CB		5523211.9183	630869.9035		232.677				231.037	229.04	18.4m OF 250 SSP @ 1.50%	
CP.50	SD-023 CP		5523222.6256	630932.7374		232.368			231.518		231.35	2.5m OF 250 SSP @ 2.00%	
CP.62	SD-023 CP		5523221.4979	630934.9738		232.349		SW 231.349		NW 231.468	231.34	7.9m OF 250 SSP @ 1.50%	
CP.87	SD-023 CP		5523165.7269	630865.0710		232.087	NE 231.089				229.09	10.2m OF 300 SSP @ 1.50%	
CP.88	SD-023 CP		5523158.7756	630918.7876		232.307	NW 231.457				229.46	7.8m OF 300 SSP @ 1.50%	
CP.96	SD-023 CP		5523182.3529	630848.2409		232.526	NE 231.676				229.46	13.2m OF 250 SSP @ 1.50%	
CP.97	SD-023 CP		5523183.6235	630920.7394		232.591		SW 231.919			229.91	21.6m OF 250 SSP @ 1.00%	
CP.106	SD-023 CP		5523223.8758	630915.2500		232.647			231.828		229.83	16.2m OF 250 SSP @ 1.50%	

MANHOLE STRUCTURE AND LOCATION TABLE

STRUCTURE NAME	DESCRIPTION	NORTHING	EASTING	EX RIM ELEV	PROP RIM ELEV	BOTTOM ELEV
EX MH.L7	SD-010 1350 mm	5523243.7521	630873.2439		232.741	228.73
EX MH.L10	SD-010 1350 mm	5523213.4762	630851.4594		232.780	227.61
MH.L66	SD-010 1200 mm	5523197.4061	630851.6013		232.688	230.90
MH.L67	SD-010 1200 mm	5523247.6420	630899.6631		232.700	231.30
MH70001886	LDS MANHOLE	5523160.3960	630893.9500		232.744	230.10

C2-CU-027

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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.88	SD-024 CB		5523184.1792	630954.0580		232.381		230.741			230.05	11.7m OF 250 SSP @ 1.50%	
CB.92	SD-024 CB		5523189.1828	631214.0931		232.660	NW 231.020				231.02	19.5m OF 250 SSP @ 1.50%	
CB.93	SD-024 CB		5523210.0333	631188.6384		232.579		SE 230.939			230.34	13.8m OF 250 SSP @ 1.50%	
CB.140	SD-025 CB w/ BEEHIVE INLET		5523211.3560	631240.6980		232.599		231.499			230.88	10.6m OF 250 SSP @ 1.50%	
CB.142	SD-025 CB		5523200.7986	631240.4592		233.230				231.530	230.75	10.6m OF 250 SSP @ 1.50%	
CP.22	SD-023 CP		5523186.1211	631064.1093		232.219				231.369	230.77	11.5m OF 300 SSP @ 1.00%	
CP.75	SD-023 CP		5523209.8823	631063.9818		232.354				231.504	230.90	12.5m OF 300 SSP @ 1.00%	
CP.108	SD-023 CP		5523223.7447	631136.2543		233.090		232.240			229.33	2.6m OF 250 SSP @ 1.50%	

MANHOLE STRUCTURE AND LOCATION TABLE

STRUCTURE NAME	DESCRIPTION	NORTHING	EASTING	EX RIM ELEV	PROP RIM ELEV	BOTTOM ELEV
MH.L39	SD-010 1200 mm	5523199.4745	631197.5658		233.076	230.73
MH.L50	SD-010 1200 mm	5523195.7871	630955.7445		232.787	230.50
MH60010801	LDS MANHOLE	5523195.2700	631008.8860		232.653	227.39
MH70028926	LDS MANHOLE	5523200.0310	631228.2570		232.767	228.74

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



BID OPPORTUNITY NO. 473-2016

			<p>UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES DATE</p>	<p>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.</p>	<p>B.M. ELEV.</p>		<p>DESIGNED BY: MPG</p> <p>CHECKED BY:</p> <p>DRAWN BY: KLC</p> <p>APPROVED BY:</p> <p>HOR. SCALE: 1:500</p> <p>RELEASED FOR CONSTRUCTION:</p> <p>VERTICAL: 1:100</p>		<p>THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT</p>	<p>WAVERLEY STREET UNDERPASS AT CN MILE 3.89 RIVERS SUB CONTRACT 2: UNDERPASS STRUCTURE, RAILWORKS, ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION AND LANDSCAPING WORKS</p>	<p>CITY DRAWING NUMBER U239-2016-C2-CU-041</p> <p>SHEET 41 OF 41</p>

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