

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
CB.181	SD-025 CB w/ BEEHIVE INLET		5523707.943	630864.297		231.770	NE 230.315		230.241	230.078	228.07	10.0m OF 250 SSP @ 1.52%
CB.182	SD-024 CB		5523676.229	630879.018		231.166			231.403		228.13	2.4m OF 300 SSP @ -2.00%
CP.16	SD-023 CP		5523657.621	630722.971		232.303				231.505	231.45	2.5m OF 250 SSP @ 2.00%
CP.17	SD-023 CP		5523670.457	630721.677		232.437	NE 231.489				229.44	2.5m OF 250 SSP @ 2.00%
CP.20	SD-023 CP		5523709.885	630896.437		231.845		230.244			231.00	10.7m OF 300 SSP @ 1.50%
CP.37	SD-023 CP		5523671.683	630928.798		231.051	231.313				228.24	2.4m OF 250 SSP @ 2.00%
CP.38	SD-023 CP		5523732.164	630930.199		232.136		SW 230.438			229.31	2.5m OF 250 SSP @ 2.02%
CP.40	SD-023 CP		5523682.563	630884.258		231.272	229.936				228.44	8.2m OF 250 SSP @ 1.50%
CP.41	SD-023 CP		5523664.966	630935.294		230.786			231.489		227.94	2.5m OF 250 SSP @ 1.98%
CP.43	SD-023 CP		5523670.445	630716.696		232.488			231.521		229.47	2.5m OF 250 SSP @ 2.01%
CP.44	SD-023 CP		5523656.353	630718.133		232.371				231.768	231.51	2.5m OF 250 SSP @ 2.00%
CP.45	SD-023 CP		5523691.894	631032.970		232.618				231.435	229.77	2.5m OF 250 SSP @ 1.99%
CP.46	SD-023 CP		5523692.170	630995.479		232.285			230.292		229.44	2.5m OF 250 SSP @ 2.01%
CP.92	SD-023 CP		5523675.512	630881.452		231.142			230.838		228.29	2.5m OF 250 SSP @ 2.01%
CP.93	SD-023 CP		5523675.622	630834.499		231.566				230.983	228.72	2.5m OF 250 SSP @ 2.00%
CP.94	SD-023 CP		5523669.798	630785.478		231.844				230.925	228.99	2.5m OF 250 SSP @ 1.50%
CP.99	SD-023 CP		5523715.729	630952.962		231.775			230.681		228.92	2.5m OF 250 SSP @ 2.01%
CP.104	SD-023 CP		5523698.277	630865.140		231.531			230.702		230.08	2.6m OF 250 SSP @ 2.00%
CP.105	SD-023 CP		5523694.402	630936.960		231.552	NW 230.361				230.10	2.3m OF 250 SSP @ 2.00%
CP.107	SD-023 CP		5523684.118	630949.544		231.448		SE 231.148			230.00	12.8m OF 300 SSP @ 1.50%
CP.109	SD-023 CP		5523724.439	630897.297		231.998					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.C1	SD-010 1200 mm	5523713.897	630975.571		232.493	229.71
MH.C2	SD-010 1200 mm	5523707.335	631025.644		232.657	229.50
MH.C3	SD-010 1200 mm	5523683.885	631022.756		232.909	229.64
MH.C4	SD-010 1200 mm	5523683.489	631037.528		232.989	229.49
MH.L12	BASE Ø 1800, HT 1800 TRANSITION 1800x1200	5523683.103	630715.228		232.909	228.88
MH.L20	SD-010 1200 mm	5523704.904	630917.799		231.860	228.81
MH.L35	BASE Ø 1800, HT 1800 TRANSITION 1800x1200	5523698.178	630768.261		232.516	228.99
MH.L37	SD-010 1200 mm	5523676.909	630870.281		231.400	228.42
MH.L42	SD-010 1200 mm	5523670.638	630889.981		231.182	228.05
MH.L47	BASE Ø 1500, HT 1800 TRANSITION 1500x1200	5523668.752	630913.647		231.130	227.27
MH.L67	SD-010 1200 mm	5523705.105	630949.237		231.828	229.40

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



Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671     Date: \_\_\_\_\_


BID OPPORTUNITY NO. 473-2016

P:\60321148\900-Work\9100-DD CAD\200-SHEETS\Municipal\63353-C2-COIN-CU-Taylor-001.dwg

150 WM	WATER MAIN	150 WM	PIPE ABANDONMENTS	150 WM	WATER MAIN	150 WM
⊕	HYDRANT	⬇	⊕	⊕	HYDRANT	⬇
⊙	VALVE	⬆	⊙	⊕	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	---	NW PROPERTY LINE	---
○	MANHOLE	●	MTS	○	S/E PROPERTY LINE	○
□	CATCH BASIN	■	GAS	□	N/W GUTTER	□
△	CURB INLET	▲	TESTHOLE	△	S/E GUTTER	△
▬ ▬ ▬ ▬	CULVERT	▬ ▬ ▬ ▬	LAMP STANDARD	▬ ▬ ▬ ▬		
EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING

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



DESIGNED BY	MPG	CHECKED BY	
DRAWN BY	KLC	APPROVED BY	
HOR. SCALE	-	RELEASED FOR CONSTRUCTION	
VERTICAL	-		

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

CONSULTANT PROJECT NUMBER	60321148
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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	CITY DRAWING NUMBER U239-2016-C2-CU-037 SHEET 37 OF 41
LAND DRAINAGE SYSTEM STRUCTURE & LOCATION SCHEDULE 3	CONSULTANT DRAWING NUMBER C2-CU-037