C2-CU-019 CON'T

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	SIRUCI	UKE AND	LOCATION	IABLE	
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:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 TAKE PRECAUTION TO AVOID DAMAGE TO GAS
- COMPANY INSTALLATIONS SEE PROVINCIAL

LEGEND - PLAN

REGULATION 210/72 FOR DETAILS.
OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

1/2	150 WM	WATER MAIN	150 WM	=	PIPE ABANDONMENTS		150 WM	WATER MAIN	150 WM	
CA		HYDRANT	-	+	SURVEY BAR		+	HYDRANT		UNI
DD	⊗	VALVE	•	o [^]	CURB STOP	•	X	VALVE	X	
-00	300 LDS	LAND DRAINAGE SEWER	300 LDS		REDUCER		300 LDS	LAND DRAINAGE SEWER	300 LDS	
16	250 WWS	WASTE WATER SEWER	250 WWS	X	COUPLING		250 WWS	WASTE WATER SEWER	250 WWS	SUPV.
ork		SEWER SERVICE PIPE	SSP	P	ANODE	J.		PAVEMENT CROWN		
M-(DRAINAGE CONNECTION PIPE			HYDRO		→	N/W PROPERTY LINE		
306	0	MANHOLE	•		MTS			S/E PROPERTY LINE		LOCA
48\		CATCH BASIN			GAS			N/W GUTTER		LOCA SHOWI AVAIL THAT
211	Δ	CURB INLET	A	+	TESTHOLE		$- \leftarrow -$	S/E GUTTER		THAT CONF
303,		CULVERT		••	LAMP STANDARD					THAT CONF LOCA OBTA

LEGEND - PLAN

EXISTING

LEGEND - PROFILE

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EXISTING

NDERGROUND STRUCTURES	B.M ELE					A = 7	COM	ENGINEER'S SPANINGE OF MANIFORM
UPV. U/G STRUCTURES DATE					DESIGNED		CHECKED	M.P.A.
					BY - DRAWN BY	MPG KLC	APPROVED BY	Member 32167
CATION OF UNDERGROUND STRUCTURES AS OWN ARE BASED ON THE BEST INFORMATION /AILABLE. BUT NO GUARANTEE IS GIVEN AT ALL EXISTING UTILITIES ARE SHOWN OR IAT THE GIVEN LOCATIONS ARE EXACT. ONFIRMATION OF EXISTENCE AND EXACT DOCATION OF ALL SERVICES MUST BE STAINED FROM THE INDIVIDUAL UTILITIES FORE PROCEEDING WITH CONSTRUCTION.					HOR. SCALE	-	RELEASED FOR CONSTRUCTION	CONSULTANT PROJECT NUMBER
CATION OF ALL SERVICES MUST BE STAINED FROM THE INDIVIDUAL UTILITIES FORE PROCEEDING WITH CONSTRUCTION.	0 NO.	ISSUED FOR TENDER REVISIONS	17/01/09 DATE	WJd BY	DATE	-	DATE	60321148

C2-CU-020

TAYLOR AVENUE WM RELOCATION

STRUCTURE NAME	DESCRIPTION	NORTHING	EASTING	EX RIM ELEV	PROP RIM ELEV	BOTTOM ELEV
B.2	WM 45 BEND	5523684.291	630961.268		229.534	???
B.5	WM 45 BEND	5523661.427	630934.353		228.393	???
B.7	WM 22 BEND	5523684.042	631049.356		230.273	???
B.8	WM 22 BEND	5523681.821	631043.736		230.240	???
B.9	WM 22 BEND	5523674.026	630863.426		229.414	???
B.10	WM 11 BEND	5523658.367	630735.210		229.952	???
B.11	WM 11 BEND	5523664.050	630899.186		228.568	???
GV.1	WM VALVE	5523649.172	630705.934		230.724	???
GV.3	WM VALVE	5523673.623	630864.870		229.380	???
GV.6	WM VALVE	5523682.341	631026.832		230.134	???
H.1	WM HYDRANT	5523662.603	630782.596		230.365	???
H.2	WM HYDRANT	5523672.705	630862.532		228.968	???
H.3	WM HYDRANT	5523677.232	630950.556		229.206	???
H.4	WM HYDRANT	5523678.552	631030.867		230.103	???
HV.1	WM VALVE	5523663.493	630782.466		230.365	???
HV.2	WM VALVE	5523673.543	630862.450		229.403	???
HV.3	WM VALVE	5523676.600	630951.202		229.206	???
HV.4	WM VALVE	5523679.509	631030.880		230.103	???
T.1	WM TEE	5523682.287	631028.713		230.158	???
T.2	WM TEE	5523682.205	631030.935		230.155	???
Т.3	WM TEE	5523682.314	631027.831		230.140	???
T.4	WM TEE	5523682.636	631015.744		230.069	???
T.6	WM TEE	5523664.350	630782.343		229.606	???
T.7	WM TEE	5523673.953	630862.395		229.430	???
T.8	WM TEE	5523669.237	630822.881		229.332	???
T.9	WM TEE	5523676.105	630951.644		229.206	???
T.10	WM TEE	5523668.266	630884.063		228.926	???

Certificate of Authorization AECOM Canada Ltd.

CONSULTANT DRAWING NUMBER

C2-CU-037

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OF

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SHEET

METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

No. 4671 Date:__ BID OPPORTUNITY NO. 473-2016

AU -	Winnipeg	THE CITY OF W		- -
L C/NEER	WAVERLEY STREET CONTRACT 2: U	CITY DRAWING NUMBER U239-2016-C2-CU-037		
/ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ROADWORKS LAN	ID DRAINAGE SEWER PLIMPING STATION	CHEET	٥٢

ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION AND LANDSCAPING WORKS LAND DRAINAGE SYSTEM

STRUCTURE & LOCATION SCHEDULE 3