A1 SIZE 23.4" x 33.1" (594mm x 841mm)

MANHOLE, CATCHBASIN, CATCH PIT & DITCH INLET – STRUCTURE AND LOCATION SCHEDULE – SHT26

STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION	INVERT NORTH	INVERT WEST	INVERT SOUTH	INVERT EAST	BOTTOM ELEVATION	SPECIAL FEATURES
MH–8	1800ø x1.830DP MH BASE	AP–004, AP–005	1+856.817SM	2.006R/SM	34.112	600ø 31.517		750ø 31.517	750ø 31.517	31.410	
MH–9	1800ø x1.220DP MH BASE	AP–004, AP–005	1+945.918SM	4.786L/SM	33.566	150ø 31.633	750ø 31.633		750ø 31.633	31.530	
DI–7	900ø x1.200DP SD–025	DITCH INLET GRATE	1+974.721SM	4.762L/SM	33.330 TOP/GRATE	300ø 32.015		300ø 32.015		31.415	C/W 900ø x0.300 RISER C/W 900ø:760ø x0.300 FLAT TOP REDUCER
CP–3	900ø x0.460DP SD–023	AP–008, AP–009	1+978.528SM	0.000SM	33.548	300ø 32.249	150ø 32.249		250ø 32.249	32.249	C/W 900ø x0300 RISER
CP–4	900ø x0.460DP SD–023	AP–008, AP–009	1+980.528SM	0.000SM	33.549		250ø 32.269		150ø 32.269	32.269	C/W 900ø x0300 RISER

MANHOLE, CATCHBASIN, CATCH PIT & DITCH INLET – STRUCTURE AND LOCATION SCHEDULE – SHT27

STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION	INVERT NORTH	INVERT WEST	INVERT SOUTH	INVERT EAST	BOTTOM ELEVATION	SPECIAL FEATURES
MH–10	1500ø x1.220DP MH BASE	AP–004, AP–005	2+067.908SM	8.500L/SM	33.465	300ø 31.790	750ø 31.790	300ø 31.790	300ø 31.790	31.690	
DI–8	900ø x1.200DP SD–025	DITCH INLET GRATE	2+070.860NM	12.950L/NM	32.900 TOP/GRATE			300ø 31.885		31.285	C/W 900ø:760ø x0.300 FLAT TOP REDUCER
CB–6	900ø x1.800DP SD–024	AP–008, AP–009	2+070.860NM	8.300L/NM	33.450	300ø 31.850	150ø 32.050	300ø 31.850	250ø 32.451 150ø 32.050	31.250	
CP–5	900ø x0.460DP SD–023	AP–008, AP–009	2+072.867NM	8.300L/NM	33.451		250ø 32.471			32.471	
DI–9	900ø x1.200DP SD–025	DITCH INLET GRATE	2+073.000NM	4.250R/NM	33.370 TOP/GRATE		300ø 32.355			31.755	C/W 900ø:760ø x0.300 FLAT TOP REDUCER
CB–7	900ø x1.800DP SD–024	AP–008, AP–009	2+077.942SM	8.300R/SM	33.483	300ø 31.883	150ø 32.083		250ø 32.484 150ø 32.083	31.283	
CP–6	900ø x0.460DP SD–023	AP–008, AP–009	2+079.935SM	8.300R/SM	33.484		250ø 32.504			32.504	
DI–10	900ø x1.200DP SD–025	DITCH INLET GRATE	2+132.223NM	16.755L/NM	32.400 TOP/GRATE			150ø 31.535	300ø 31.385	30.785	C/W 900ø:760ø x0.300 FLAT TOP REDUCER
DI–11	900ø x1.200DP SD–025	DITCH INLET GRATE	2+173.754NM	16.758L/NM	32.400 TOP/GRATE		300ø 31.203	300ø 31.203 150ø 31.353		30.635	C/W 900ø x0.150 RISER C/W 900ø:760ø x0.300 FLAT TOP REDUCER
MH–11	1200ø x1.220DP MH BASE	AP–004, AP–005	2+186.730SM	6.000L/SM	33.580	300ø 31.090			525ø 31.000	30.900	
CP–7	900ø x0.460DP SD–023	AP–008, AP–009	2+202.993NM	8.300L/NM	33.460				250ø 32.480	32.480	
CP–8	900ø x0.460DP SD–023	AP–008, AP–009	2+204.051SM	8.300R/SM	33.460				250ø 32.480	32.480	
CB–8	900ø x1.800DP SD–024	AP–008, AP–009	2+205.000NM	8.300L/NM	33.460		250ø 32.460 150ø 32.060	300ø 31.860	150ø 32.060	31.260	
DI–12	900ø x1.800DP SD–025	DITCH INLET GRATE	2+206.044SM	4.000L/SM	33.300 TOP/GRATE	300ø 31.675		300ø 31.675		31.075	C/W 900ø:760ø x0.300 FLAT TOP REDUCER
CB–9	900ø x1.800DP SD–024	AP–008, AP–009	2+206.044SM	8.300R/SM	33.460	300ø 31.860	250ø 32.460 150ø 32.060		150ø 32.060	31.260	
MH–12	1200ø x1.220DP MH BASE	AP–004, AP–005	2+296.994SM	6.000L/SM	34.035		525ø 30.769		525ø 30.769	30.670	

MANHOLE, CATCHBASIN, CATCH PIT & DITCH INLET – STRUCTURE AND LOCATION SCHEDULE – SHT28

STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION	INVERT NORTH	INVERT WEST	INVERT SOUTH	INVERT EAST	BOTTOM ELEVATION	SPECIAL FEATURES
MH–13	1500ø x1.830DP MH BASE	AP–004, AP–005	2+397.234SM	6.000L/SM	33.778		525ø 30.559		750ø 30.559	30.450	
CP–9	900ø x0.460DP SD–023	AP–008, AP–009	2+421.642SM	17.178R/SM	33.358				250ø 32.378	32.378	
CB–10	900ø x1.800DP SD–024	AP–008, AP–009	2+423.460SM	17.983R/SM	33.342	300ø 31.742	250ø 32.358 150ø 31.942		150ø 31.942	31.142	
DI–13	900ø x1.200DP SD–025	DITCH INLET GRATE	2+424.000NM	4.000R/NM	33.428 TOP/GRATE			300ø 32.413		31.813	C/W 900ø:760ø x0.300 FLAT TOP REDUCER C/W 2–45°x300ø VERT BENDS
CP–10	900ø x0.460DP SD–023	AP–008, AP–009	2+433.876NM	10.590L/NM	33.470				250ø 32.490	32.490	
CB–11	900ø x1.800DP SD–024	AP–008, AP–009	2+435.814NM	11.117L/NM	33.462	450ø 31.862	250ø 32.470 150ø 32.062	300ø 31.862	150ø 32.062	31.262	
MH–14	1500ø x1.830DP MH BASE	AP–004, AP–005	2+450.000SM	6.000L/SM	34.000		750ø 29.190		750ø 29.190	29.040	

NOTES:
1) SD–024 & SD–023 OFFSET MEASUREMENTS FROM CONTROL LINES ARE TAKEN TO STRUCTURE LOCATIONS RELATIVE TO BACK OF CURB.
2) SD–025, MH, & DI OFFSET MEASUREMENTS FROM CONTROL LINES ARE TAKEN TO CENTERLINE OF BARREL.

BID OPPORTUNITY
No. 84–2005

APEGM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2005

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
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. GBM67–001
ELEV. 234.148

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	05/04/19	DL
A	ISSUED FOR CLIENT REVIEW	05/02/28	DID

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DESIGNED BY WRJ
DRAWN BY DID
HOR. SCALE: N/A
VERTICAL: N/A
DATE 05/04/19

CHECKED BY RPB
APPROVED BY BWB
AUTHORIZED BY: DATE 05-04-19
P. FINGAS P.ENG
BRIDGE PROJECTS ENGINEER

ENGINEER'S SEAL
PROVINCE OF MANITOBA
A. NAGY
April 19, 2005
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
4231-040-01-30

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY WEST OF KENASTON BOULEVARD

LAND DRAINAGE SYSTEM
MH, CB, CP, & DI SCHEDULE

SHEET 30 OF 61
CAD FILE DRAWING NUMBER 01-CT6002_RX
CITY DRAWING NUMBER P3258-90

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PLOT: 05/04/08 7:05:23 PM

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