

MANHOLE, CATCH BASIN, CATCH PIT & DITCH INLET - STRUCTURE AND LOCATION SCHEDULE - SHT 33

STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION		INVERT NORTH	INVERT WEST	INVERT SOUTH	INVERT EAST	BOTTOM ELEVATION	SPECIAL FEATURES	DETAILED SSP DATA @ EX 600 FM CROSSING LOCATIONS
					EXISTING	PROPOSED							
* MH-16	1200x1800 LONG (SD-011)	AP-004, AP-005	3+643.613	6.317 L/NM	33.630	33.279		7500 28.536		7500 28.536	28.536		
CB-30	900x1.800DP SD-024	AP-008, AP-009	3+732.500	8.000 L/NM		32.530		1500 31.093	3000 30.830	2500 31.470 1500 31.093	30.230		
CP-28	900x0.460DP SD-023	AP-008, AP-009	3+737.500	8.000 L/NM		32.505		2500 31.545			31.545		
DI-21	900x1.200DP SD-025	DITCH INLET GRATE	3+735.000	4.250 R/NM		32.435			2500 31.335		30.735	C/W 900x760x0.300 FLAT TOP REDUCER	
* CB-31	900x1.800DP SD-024	AP-008, AP-009	3+732.500	16.500 R/NM	32.793	32.870	3000 31.230	1500 31.433		2500 31.810 1500 31.433	30.630	SSP CROSSES 600 FM - 600 FM INV = 29.385 300 SSP INV @ 600 FM = 30.560	10.2 OF 300 SSP @ 14.89% S OF EX 600 FM & 27.90% N OF EX 600 FM
CP-29	900x0.460DP SD-023	AP-008, AP-009	3+737.500	16.500 R/NM		32.845		2500 31.885			31.885		
* MH-17	1350x1.830 DP MH BASE (SD-010)	AP-004, AP-005	3+759.033	6.478 R/NM	33.130	32.702		7500 28.777		7500 28.777	28.777		

MANHOLE, CATCH BASIN, CATCH PIT & DITCH INLET - STRUCTURE AND LOCATION SCHEDULE - SHT 34

STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION		INVERT NORTH	INVERT WEST	INVERT SOUTH	INVERT EAST	BOTTOM ELEVATION	SPECIAL FEATURES	DETAILED SSP DATA @ EX 600 FM CROSSING LOCATIONS
					EXISTING	PROPOSED							
* MH-18	1350x1.830 DP MH BASE(SD-010)	AP-004, AP-005	3+839.835	2.945 R/NM	33.106	32.139		7500 28.444		7500 28.444	28.444		
CP-30	900x0.460DP SD-023	AP-008, AP-009	3+888.000	8.000 L/NM		31.752				2500 30.792	30.792		
CB-32	900x1.800DP SD-024	AP-008, AP-009	3+890.000	8.000 L/NM		31.742		2500 30.762 1500 30.305	3750 30.042	2500 30.762 1500 30.305	29.442		
* DI-22	900x1.200DP SD-025	DITCH INLET GRATE	3+892.145	5.262 R/NM	32.326	31.572 TOP/GRATE	2500 30.522				29.922	C/W 900x760x0.300 FLAT TOP REDUCER	
CP-31	900x0.460DP SD-023	AP-008, AP-009	3+891.997	8.000 L/NM		31.752		2500 30.792			30.792		
* MH-19	1200x1800 LONG (SD-011)	AP-004, AP-005	3+922.590	3.363 R/NM	31.890	31.899		7500 28.896	3750 29.276	4500 29.191	28.896		
CP-32	900x0.460DP SD-023	AP-008, AP-009	3+928.962	23.596 R/NM		31.818				2500 30.858	30.858		
CB-33	900x1.800DP SD-024	AP-008, AP-009	3+931.307	23.596 R/NM		31.806	3750 30.106	2500 30.824 1500 30.369		2500 30.782	29.506	SSP CROSSES 600 FM - 600 FM INV = 28.964 375 SSP INV @ 600 FM = 29.939 - CAUTION: ONLY 0.300 ABOVE TOP OF EX 600 FM	21.0 OF 375 SSP @ 2.16% S OF EX 600 FM & 5.70% N OF EX 600 FM
CP-33	900x0.460DP SD-023	AP-008, AP-009	3+934.462	23.596 R/NM		31.790		2500 30.830			30.830		
CB-35	900x1.200DP SD-024	AP-008, AP-009	4+038.963	47.775 L/NM		32.110				31.060	30.460		

MANHOLE, CATCH BASIN, CATCH PIT & DITCH INLET - STRUCTURE AND LOCATION SCHEDULE - KING EDWARD STREET NORTH

STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION	INVERT NORTH	INVERT WEST	INVERT SOUTH	INVERT EAST	BOTTOM ELEVATION	SPECIAL FEATURES
CP-34	900x0.460DP SD-023	AP-008, AP-009	3+206.188	95.898 L/NM	32.935	2500 32.050				32.050	
* CB-34	900x1.200DP SD-024	AP-008, AP-009	3+206.442	97.882 L/NM	32.925	3000 31.885		2500 32.020		31.285	
* DI-23	900x1.200DP SD-025	DITCH INLET GRATE	3+203.620	119.913 L/NM	32.500 TOP/GRATE			3000 31.450	3000 31.450	30.850	C/W 900x760x0.300 FLAT TOP REDUCER

MANHOLE, CATCHBASIN & CATCH PIT - STRUCTURE & LOCATION SCHEDULE - BROOKSIDE BOULEVARD

STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION	INVERT	BOTTOM ELEVATION	STREET
* CB-1	900x1.200DP SD-024	AP-008, AP-009	1+116.066	3.500	35.714	250 E 34.800	34.200	BROOKSIDE BOULEVARD SOUTH
* MH-20	1500x1.200 DP MH BASE	AP-004, AP-005	1+345.557	9.931	36.320	INV E, W & S 34.687	34.687	BROOKSIDE BOULEVARD SOUTH - C/W 1500x: 760 x 0.300 FLAT TOP REDUCER

NOTE:
 1. (*) STRUCTURE HAS BEEN PREVIOUSLY INSTALLED AND NOT IN THIS CONTRACT.
 2. EX STRUCTURES MAY REQUIRE ADJUSTMENT.

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. 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.

NO.	REVISIONS	YYMMDD	BY
0	ISSUED FOR CONSTRUCTION	10/04/21	KMB

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DESIGNED BY	DME	CHECKED BY	[Signature]
DRAWN BY	WJD	APPROVED BY	[Signature]
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	[Signature]
VERT. SCALE	1:50	DATE	10/04/21

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA

A. NAGY

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 0265-411-00_02-C-6004_RX.dwg

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

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Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: 10/04/21

BID OPPORTUNITY NO. 232-2010

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

Winnipeg

INKSTER BOULEVARD WIDENING PROJECT
BROOKSIDE BOULEVARD TO KEEWATIN STREET
 LAND DRAINAGE SYSTEM
 STRUCTURE & LOCATION SCHEDULES 4

CITY DRAWING NUMBER	P-3301-71
SHEET	39 OF 82
DRAWING No.	1-39
REV	0