

AL - 646264
2013-12-10
AECOM REVIEW DRAFT CHK
AECOM/NO. DEFALTCB

MANHOLE, CATCH BASIN, CATCH PIT & DITCH INLET - STRUCTURE AND LOCATION SCHEDULE _ SHT C-1003


STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION		INVERT NORTH	INVERT WEST	INVERT SOUTH	INVERT EAST	BOTTOM ELEVATION	CB LEAD	SPECIAL FEATURES
					EXISTING	PROPOSED							
CP.6	900#x0.460DP SD-023	AP-008, AP-009	2+234.815m	7.710 E/SB		225.78	224.93				224.93	2.5m OF 250 DCP @ 1.50%	
CB.12	900#x1.800DP SD-025	DITCH INLET GRATE	2+236.318m	5.068 E/SB		225.79 TOP/GRATE		223.99		224.00	223.39	8.0m OF 375 SSP @ 6.44%	C/W 900#x0.15m RISER, PRE-INSULATED C/W HEAT TRACE CABLE
CB.10	900#x1.800DP SD-024	AP-008, AP-009	2+237.293m	7.680 E/SB		225.77	224.70	224.13	224.89		223.53	3.0m OF 375 SSP @ 4.43%	PRE-INSULATED C/W HEAT TRACE CABLE
CB.11	900#x1.200DP SD-024	AP-008, AP-009	2+239.770m	7.650 E/SB		225.77	224.89		224.73		224.13	2.5m OF 300 SSP @ 1.50%	
CP.7	900#x0.460DP SD-023	AP-008, AP-009	2+242.254m	7.621 E/SB		225.78			224.93		224.93	2.5m OF 250 DCP @ 1.50%	
CP.15	900#x0.460DP SD-023	AP-011	2+236.205m	12.499 W/SB		225.51	224.66				224.66	2.5m OF 250 DCP @ 1.50%	
CB.32	900#x1.800DP SD-024	AP-011	2+238.734m	12.491 W/SB		225.50	224.43		224.63	223.86	223.80	9.5m OF 375 SSP @ 4.06%	PRE-INSULATED C/W HEAT TRACE CABLE
CB.33	900#x1.200DP SD-024	AP-011	2+241.273m	12.475 W/SB		225.51	224.63		224.47		223.87	2.5m OF 300 SSP @ 1.50%	
CP.16	900#x0.460DP SD-023	AP-011	2+243.808m	12.467 W/SB		225.52			224.67		224.67	2.5m OF 250 DCP @ 1.50%	
CB.17	900#x1.800DP SD-025	DITCH INLET GRATE	2+275.846m	18.522 E/SB		226.60 TOP/GRATE		224.95			224.35	14.5m OF 250 SSP @ 5.71%	
CB.35	900#x1.800DP SD-025	DITCH INLET GRATE	2+284.941m	10.706 W/SB		226.50 TOP/GRATE		224.85		224.85	224.25	14.0m OF 300 SSP @ 2.56%	
CB.39	900#x1.200DP SD-025	DITCH INLET GRATE	2+239.999m	18.795 W/SB		227.56 TOP/GRATE	226.51				225.91	44.0m OF 250 SSP @ 0.57%	C/W RETAINING WALL
MH.L20	1200# SD-010	AP-004, AP-005	2+285.100	19.073 W/SB		228.727	226.268		226.263	225.649	225.649	8.0m OF 300 SSP @ 10.0%	
CB.40	900#x1.800DP SD-025	DITCH INLET GRATE	2+296.218m	18.801 W/SB		229.02 TOP/GRATE			227.37		226.77	11.0m OF 250 SSP @ 10.0%	C/W RETAINING WALL
CB.36	900#x1.800DP SD-024	AP-008, AP-009	2+300.181m	8.979 W/SB		227.19	226.34			225.55	224.95	11.0m OF 300 SSP @ 5.15%	
CP.18	900#x0.460DP SD-023	AP-008, AP-009	2+305.209m	8.822 W/SB		227.40			226.55		226.55	5.0m OF 250 DCP @ 4.18%	
CB.14	900#x1.800DP SD-024	AP-008, AP-009	2+313.942m	6.934 E/SB		228.22	225.93		227.15	226.15	225.33	4.0m OF 300 SSP @ 5.9%	C/W 900#x0.45m RISER
CP.9	900#x0.460DP SD-023	AP-008, AP-009	2+318.904m	6.897 E/SB		228.03	227.18				227.18	5.0m OF 250 DCP @ 1.5%	
MH.L25	1200# SD-010	AP-004, AP-005	2+301.687m	30.034 E/SB		229.35	226.38		226.43		226.38	21.5m OF 250 SSP @ 0.57%	
CB.18	900#x1.800DP SD-025	DITCH INLET GRATE	2+350.097m	29.923 E/SB		228.36 TOP/GRATE		226.20	226.23		225.60	10.0m OF 300 SSP @ 0.447%	C/W 900#x0.46m RISER
CB.19	900#x1.800DP SD-025	DITCH INLET GRATE	2+280.535m	29.264 E/SB		228.52 TOP/GRATE	226.56		226.69		225.96	22.0m OF 250 SSP @ 0.57%	C/W 900#x0.31m RISER & RETAINING WALL
CB.20	900#x1.200DP SD-025	DITCH INLET GRATE	2+243.424m	29.373 E/SB		227.96 TOP/GRATE	226.91				226.31	38.5m OF 250 SSP @ 0.57%	C/W RETAINING WALL
CB.37	900#x1.800DP SD-024	AP-008, AP-009	2+364.881m	8.800 W/SB		229.79			228.66	228.15	227.55	12.0m OF 300 SSP @ 5.8%	
CP.19	900#x0.460DP SD-023	AP-008, AP-009	2+359.835m	8.200 W/SB		229.59	228.74				228.74	5.0m OF 250 DCP @ 1.50%	
CB.15	900#x1.800DP SD-024	AP-008, AP-009	2+368.466m	6.582 E/SB		230.23	229.38		228.59		227.99	6.0m OF 300 SSP	C/W VERTICAL RISER & 45° BENDS
CP.10	900#x0.460DP SD-023	AP-008, AP-009	2+373.427m	6.557 E/SB		230.43			229.58		229.58	5.0m OF 250 DCP @ 4.0%	
CB.16	900#x1.800DP SD-024	AP-008, AP-009	2+412.928m	4.584 E/SB		231.63	230.78	229.99			229.39	2.5m OF 300 SSP	C/W VERTICAL RISER & 45° BENDS
CP.11	900#x0.460DP SD-023	AP-008, AP-009	2+417.892m	4.199 E/SB		231.71			230.86		230.86	5.0m OF 250 DCP @ 1.66%	
CB.38	900#x1.800DP SD-024	AP-008, AP-009	2+420.159m	8.800 W/SB		231.48	230.63			229.84	229.24	13.0m OF 300 SSP @ 5.29%	
CP.20	900#x0.460DP SD-023	AP-008, AP-009	2+425.205m	8.799 W/SB		231.56			230.71		230.71	5.0m OF 250 DCP @ 1.60%	

MANHOLE, CATCH BASIN, CATCH PIT & DITCH INLET - STRUCTURE AND LOCATION SCHEDULE _ SHT C-1005

STRUCTURE NUMBER	DESCRIPTION	FRAME & COVER	STATION	OFFSET FROM CONTROL LINE	RIM ELEVATION		INVERT NORTH	INVERT WEST	INVERT SOUTH	INVERT EAST	BOTTOM ELEVATION	CB LEAD	SPECIAL FEATURES
					EXISTING	PROPOSED							
CB.50	900#x1.800DP SD-025	DITCH INLET GRATE	2+192.433m	71.413 E/SB		231.24 TOP/GRATE		229.59			228.99	18.5m OF 250 SSP	
CB.53	900#x1.800DP SD-024	AP-008, AP-009	2+270.111m	49.545 E/SB		232.08			230.44		229.84	3.5m OF 250 SSP	
CB.54	900#x1.800DP SD-025	DITCH INLET GRATE	2+285.192m	64.909 E/SB		231.81 TOP/GRATE	230.16				229.56	13.0m OF 250 SSP	
CB.55	900#x1.800DP SD-024	AP-008, AP-009	2+307.216m	50.897 E/SB		232.06			230.42		229.82	2.0m OF 250 SSP	
CB.56	900#x1.800DP SD-024	AP-008, AP-009	2+308.034m	58.346 E/SB		232.06	230.42				229.82	4.5m OF 250 SSP	
CB.57	900#x1.800DP SD-025	DITCH INLET GRATE	2+402.143m	55.089 E/SB		231.85 TOP/GRATE	230.15				229.55	4.0m OF 250 SSP @ 1.5%	

BID OPPORTUNITY NO. 712-2013

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: DEC 10 2013

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. ELEV.	NO.	REVISIONS	DATE	BY
	1	ISSUED FOR ADDENDUM	2013/12/10	WJd
	0	ISSUED FOR TENDER	2013/11/22	KMB

AECOM

DESIGNED BY: MPG	CHECKED BY: <i>[Signature]</i>
DRAWN BY: KMB	APPROVED BY: <i>[Signature]</i>
HOR. SCALE: AS NOTED	RELEASED FOR CONSTRUCTION BY:
VERTICAL: AS NOTED	DATE

ENGINEER'S SEAL



CONSULTANT DRAWING NO.
80273041-SHT-01-Con3-C-002

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION CONTRACT 3

LAND DRAINAGE SYSTEM STRUCTURE & LOCATION SCHEDULE

CITY DRAWING NUMBER
U238-2014-2314
SHEET 14 OF 15

C-6002