DRAWING INDEX

CITY OF WINNIPEG DRAWING No.	CONSULTANT DRAWING No.	TITLE
GENERAL		
U238-2014-1901	G-0001	COVER SHEET
U238-2014-1902	G-0002	DRAWING LIST
U238-2014-1903	G-0003	SITE PLAN
U238-2014-1904	G-0004	INSTRUMENTATION LOCATION PLAN
BRIDGE		
U238-2014-2001	CS-0001	BRIDGE & RETAINING WALLS GENERAL NOTES
U238-2014-2002	CS-0002	GENERAL ARRANGEMENT
U238-2014-2003	CS-0003	GRADING, SLOPE PROTECTION AND DRAINAGE
U238-2014-2004	CS-0004	BRIDGE STAGING PLAN - SHEET 1
U238-2014-2005	CS-0005	BRIDGE STAGING PLAN - SHEET 2
U238-2014-2006	CS-0006	BRIDGE STAGING PLAN - SHEET 3
U238-2014-2007	CS-0007	UTILITIES & ROAD PROFILES
U238-2014-2008	CS-0008	BORE HOLE LOGS - SHEET 1
U238-2014-2009	CS-0009	BORE HOLE LOGS - SHEET 2
U238-2014-2010	CS-0010	BORE HOLE LOGS - SHEET 3
U238-2014-2011	CS-0011	CAISSON LAYOUT
U238-2014-2012	CS-0012	SU1 & SU3 ABUTMENT CONCRETE
U238-2014-2013	CS-0013	SU1 & SU3 ABUTMENT REINFORCING
U238-2014-2014	CS-0014	SU2 PIER CONCRETE
U238-2014-2015	CS-0015	SU2 PIER REINFORCING
U238-2014-2016	CS-0016	STEEL FRAMING PLAN & ELEVATION
U238-2014-2017	CS-0017	END FLOOR BEAMS
U238-2014-2018	CS-0018	INTERMEDIATE FLOOR BEAMS
U238-2014-2019	CS-0019	BALLAST & DECK PLATE PLAN
U238-2014-2020	CS-0020	MISCELLANEOUS SECTION & DETAILS
U238-2014-2021	CS-0021	BEARINGS
U238-2014-2022	CS-0022	WELCOME TO TRANSCONA SIGNS
RETAINING WALLS		
U238-2014-2023	CS-0023	RETAINING WALL LAYOUT
U238-2014-2024	CS-0024	BORE HOLE LOGS
U238-2014-2025	CS-0025	UPPER WEST RETAINING WALL
U238-2014-2026	CS-0026	LOWER WEST RETAINING WALL - SHEET 1
U238-2014-2027	CS-0027	LOWER WEST RETAINING WALL - SHEET 2
U238-2014-2028	CS-0028	UPPER EAST RETAINING WALL
U238-2014-2029	CS-0029	LOWER EAST RETAINING WALL
U238-2014-2030	CS-0030	CAP AND SIDEWALK-ATP SLAB LAYOUT
U238-2014-2031	CS-0031	WEST CAP, SIDEWALK SLAB AND DETAILS
U238-2014-2032	CS-0032	EAST CAP AND ATP SLAB
U238-2014-2033	CS-0033	CHAIN LINK FENCE AND CAP DETAILS
U238-2014-2034	CS-0034	TRAFFIC BARRIERS
U238-2014-2035	CS-0035	PEDESTRIAN AND BICYCLE HANDRAIL DETAILS - SHEET 1
U238-2014-2036	CS-0036	PEDESTRIAN AND BICYCLE HANDRAIL DETAILS - SHEET 2
U238-2014-2037	CS-0037	PEDESTRIAN AND BICYCLE HANDRAIL DETAILS - SHEET 3

CITY OF WINNIPEG DRAWING No.	CONSULTANT DRAWING No.	TITLE
ROAD		
U238-2014-2101	CT-0001	GENERAL ARRANGEMENT
U238-2014-2102	CT-0002	REMOVALS - PLESSIS - 1+715 TO 1+900
U238-2014-2103	CT-0003	REMOVALS - PLESSIS - 1+900 TO 2+090, DUGALD 0+445 TO 0+565
U238-2014-2104	CT-0004	REMOVALS - PLESSIS - 2+090 TO 2+275
U238-2014-2105	CT-0005	REMOVALS - PLESSIS - 2+275 TO 2+420
U238-2014-2106	CT-0006	REMOVALS - PLESSIS - 2+420 TO 2+580
U238-2014-2107	CT-0007	REMOVALS - PLESSIS - 2+580 TO 2+685 AND KERNAGHAN
U238-2014-2108	CT-0008	REMOVALS - PLESSIS - 2+685 TO 2+870
U238-2014-2109	CT-0009	REMOVALS - DUGALD - 0+270 TO 0+445
U238-2014-2110	CT-0010	REMOVALS - DUGALD - 0+565 TO 0+740
U238-2014-2111	CT-0011	TRAFFIC STAGING - STAGE A1
U238-2014-2112	CT-0012	TRAFFIC STAGING - STAGE A2
U238-2014-2113	CT-0013	TRAFFIC STAGING - STAGE B1
U238-2014-2114	CT-0014	TRAFFIC STAGING - STAGE B2
U238-2014-2115	CT-0015	TRAFFIC STAGING - STAGE C1
U238-2014-2116	CT-0016	TRAFFIC STAGING - STAGE C2
U238-2014-2117	CT-0017	CONTROL LINE GEOMETRY - PLESSIS (1 OF 2)
U238-2014-2118	CT-0018	CONTROL LINE GEOMETRY - PLESSIS (2 OF 2)
U238-2014-2119	CT-0019	CONTROL LINE GEOMETRY - DUGALD
U238-2014-2120	CT-0020	CONTROL LINE GEOMETRY - KERNAGHAN
U238-2014-2121	CT-0021	CONTROL LINE GEOMETRY - ACCESS ROADS
U238-2014-2122	CT-0022	PLAN-PROFILE - PLESSIS - STA 1+685 TO 1+845 (SOUTHBOUND)
U238-2014-2123	CT-0023	PLAN-PROFILE - PLESSIS - STA 1+685 TO 1+845 (NORTHBOUND)
U238-2014-2124	CT-0024	PLAN-PROFILE - PLESSIS - STA 1+845 TO 2+005 (SOUTHBOUND)
U238-2014-2125	CT-0025	PLAN-PROFILE - PLESSIS - STA 1+845 TO 2+005 (NORTHBOUND)
U238-2014-2126	CT-0026	PLAN-PROFILE - PLESSIS - STA 2+005 TO 2+155 (PLAN)
U238-2014-2127	CT-0027	PLAN-PROFILE - PLESSIS - STA 2+005 TO 2+155 (PROFILE-SB)
U238-2014-2128	CT-0028	PLAN-PROFILE - PLESSIS - STA 2+005 TO 2+155 (PROFILE-NB)
U238-2014-2129	CT-0029	PLAN-PROFILE - PLESSIS - STA 2+155 TO 2+315 (PLAN)
U238-2014-2130	CT-0030	PLAN-PROFILE - PLESSIS - STA 2+155 TO 2+315 (PROFILE-SB)
U238-2014-2131	CT-0031	PLAN-PROFILE - PLESSIS - STA 2+155 TO 2+315 (PROFILE-NB)
U238-2014-2132	CT-0032	PLAN-PROFILE - PLESSIS - STA 2+315 TO 2+475 (PLAN)
U238-2014-2133	CT-0033	PLAN-PROFILE - PLESSIS - STA 2+315 TO 2+475 (PROFILE-SB)
U238-2014-2134	CT-0034	PLAN-PROFILE - PLESSIS - STA 2+315 TO 2+475 (PROFILE-NB)
U238-2014-2135	CT-0035	PLAN-PROFILE - PLESSIS - STA 2+475 TO 2+635
U238-2014-2136	CT-0036	PLAN-PROFILE - PLESSIS - STA 2+635 TO 2+795
U238-2014-2137	CT-0037	PLAN-PROFILE - PLESSIS - STA 2+795 TO 2+955
U238-2014-2138	CT-0038	PLAN-PROFILE - DUGALD - STA 0+285 TO 0+445
U238-2014-2139	CT-0039	PLAN-PROFILE - DUGALD - STA 0+445 TO 0+605
U238-2014-2140	CT-0040	PLAN-PROFILE - DUGALD - STA 0+605 TO 0+760
U238-2014-2141	CT-0041	PROFILE - DUGALD EASTBOUND - RIGHT TURN SMART CHANNEL
U238-2014-2142	CT-0042	PROFILE - PLESSIS AND DUGALD - RIGHT TURN CUT OFF
U238-2014-2143	CT-0043	PLAN-PROFILE - KERNAGHAN
U238-2014-2144	CT-0044	PLAN-PROFILE - NORTHEAST ACCESS ROAD (1 OF 2)
U238-2014-2145	CT-0045	PLAN-PROFILE - NORTHEAST ACCESS ROAD (2 OF 2)
U238-2014-2146	CT-0046	PLAN-PROFILE - SOUTHEAST ACCESS ROAD
U238-2014-2147	CT-0047	PLAN-PROFILE - PUMPING STATION ACCESS ROAD
U238-2014-2148	CT-0048	PLESSIS SECTIONS (1 OF 6)
U238-2014-2149	CT-0049	PLESSIS SECTIONS (2 OF 6)
U238-2014-2150	CT-0050	PLESSIS SECTIONS (3 OF 6)
U238-2014-2151	CT-0051	PLESSIS SECTIONS (4 OF 6)
U238-2014-2152	CT-0052	PLESSIS SECTIONS (5 OF 6)
U238-2014-2153	CT-0053	PLESSIS SECTIONS (6 OF 6)
U238-2014-2154	CT-0054	DUGALD SECTIONS
U238-2014-2155	CT-0055	DETAILS
U238-2014-2156	CT-0056	CONCRETE JOINT LAYOUT (1 OF 6)
U238-2014-2157	CT-0057	CONCRETE JOINT LAYOUT (2 OF 6)
U238-2014-2158	CT-0058	CONCRETE JOINT LAYOUT (3 OF 6)
U238-2014-2159	CT-0059	CONCRETE JOINT LAYOUT (4 OF 6)
U238-2014-2160	CT-0060	CONCRETE JOINT LAYOUT (5 OF 6)
U238-2014-2161	CT-0061	CONCRETE JOINT LAYOUT (6 OF 6)
U238-2014-2162	CT-0062	CRASH CUSHION WITH CONCRETE BACKUP
U238-2014-2163	CT-0063	TRANSCONA BIZ PEDESTAL RELOCATION
OVERHEAD SIGN		
S776-2013-01	CT-0064	S776 - DUGALD ROAD E.B. WEST OF PLESSIS ROAD
S776-2013-02	CT-0065	S776 - FABRICATION DETAILS
S776-2013-03	CT-0066	S776 - CRASH CUSHION WITH TENSION STRUT BACKUP
RAIL		
U238-2014-2201	CR-1101	SHOOFLY REMOVAL AND FINAL CONFIGURATION OVERALL PLAN, LEGEND AND GENERAL NOTES
U238-2014-2202	CR-1102	SHOOFLY REMOVAL AND FINAL CONFIGURATION PLAN & PROFILE STA.397+100 TO STA.397+320
U238-2014-2203	CR-1103	SHOOFLY REMOVAL AND FINAL CONFIGURATION PLAN & PROFILE STA.396+750 TO STA.397+100
U238-2014-2204	CR-1104	SHOOFLY REMOVAL AND FINAL CONFIGURATION PLAN & PROFILE STA.396+400 TO STA.396+750
U238-2014-2205	CR-1105	SHOOFLY REMOVAL AND FINAL CONFIGURATION PLAN & PROFILE STA.396+280 TO STA.396+400
U238-2014-2206	CR-1106	SHOOFLY REMOVAL AND FINAL CONFIGURATION OVERALL PLAN & PROFILE STA.396+280 TO 397+320
U238-2014-2241	CR-4101	SHOOFLY REMOVAL AND FINAL CONFIGURATION STANDARD DETAIL - TYPICAL SECTIONS
U238-2014-2242	CR-4102	SHOOFLY REMOVAL AND FINAL CONFIGURATION STANDARD DETAIL - TYPICAL SECTIONS
U238-2014-2243	CR-4103	SHOOFLY REMOVAL AND FINAL CONFIGURATION STANDARD DETAIL - TYPICAL SECTIONS
U238-2014-2271	CR-7101	SHOOFLY REMOVAL AND FINAL CONFIGURATION STAGING PLAN - STAGE A
U238-2014-2272	CR-7102	SHOOFLY REMOVAL AND FINAL CONFIGURATION STAGING PLAN - STAGE B
U238-2014-2273	CR-7103	SHOOFLY REMOVAL AND FINAL CONFIGURATION STAGING PLAN - STAGE C
U238-2014-2274	CR-7104	SHOOFLY REMOVAL AND FINAL CONFIGURATION STAGING PLAN - STAGE D
U238-2014-2275	CR-7105	SHOOFLY REMOVAL AND FINAL CONFIGURATION STAGING PLAN - STAGE E
	R7A-80.2	SUPPLEMENTAL DRAWING - CULVERT INSTALLATION

1

CITY OF WINNIPEG DRAWING No.	CONSULTANT DRAWING No.	TITLE
PUMPING STATION, LAND DRAINAGE SYSTEM & DRY POND		
CIVIL		
U238-2014-2301	C-1001	KEY PLAN - UTILITIES
U238-2014-2302	C-1002	PLESSIS ROAD - LDS - DUGALD ROAD TO 395m SOUTH OF KERNAGHAN AVENUE
U238-2014-2303	C-1003	PLESSIS ROAD - LDS - 195m NORTH OF DUGALD ROAD TO 120m SOUTH OF KERNAGHAN AVENUE
U238-2014-2304	C-1004	PLESSIS ROAD - WWS & WM - 195m NORTH OF DUGALD ROAD TO 120m SOUTH OF KERNAGHAN AVENUE
U238-2014-2305	C-1005	PLESSIS ROAD / NORTH EAST ACCESS ROAD - LDS - 105m NORTH OF DUGALD ROAD TO 180m SOUTH OF KERNAGHAN AVENUE
U238-2014-2306	C-1006	PLESSIS ROAD - LDS - 470m NORTH OF DUGALD ROAD TO 40m SOUTH OF PEAKE AVENUE
U238-2014-2307	C-1007	PLESSIS ROAD - LDS - 45m NORTH OF BARRY AVENUE TO PANDORA AVENUE
U238-2014-2308	C-1008	PLESSIS ROAD - FRM & LDS - 275m SOUTH OF DUGALD ROAD TO DUGALD ROAD
U238-2014-2309	C-1009	DUGALD ROAD - LDS - PLESSIS ROAD TO 245m EAST OF PLESSIS ROAD
U238-2014-2310	C-1010	PLESSIS ROAD DRY POND - PLAN
U238-2014-2311	C-4001	PLESSIS ROAD DRY POND - SECTIONS AND DETAILS
U238-2014-2312	C-4002	MISCELLANEOUS UNDERGROUND DETAILS
U238-2014-2313	C-6001	LAND DRAINAGE SYSTEM - STRUCTURE & LOCATION SCHEDULE
U238-2014-2314	C-6002	LAND DRAINAGE SYSTEM - STRUCTURE & LOCATION SCHEDULE
U238-2014-2315	C-6003	LAND DRAINAGE SYSTEM - STRUCTURE & LOCATION SCHEDULE
SUPERSTRUCTURE		
U238-2014-2320	SS-0001	PUMPING STATION - SITE PLAN
U238-2014-2321	SB-0001	STRUCTURAL SUPERSTRUCTURE - GENERAL NOTES AND ABBREVIATIONS
U238-2014-2322	SB-0002	STRUCTURAL SUPERSTRUCTURE - SCHEDULES AND MASONRY STANDARD DETAILS
U238-2014-2323	SB-0003	STRUCTURAL SUPERSTRUCTURE - MAIN FLOOR AND REFLECTED CEILING PLAN
U238-2014-2324	SB-0004	STRUCTURAL SUPERSTRUCTURE - ROOF AND ROOF FRAMING PLANS
U238-2014-2325	SB-0005	STRUCTURAL SUPERSTRUCTURE - EXTERIOR ELEVATIONS
U238-2014-2326	SB-0006	STRUCTURAL SUPERSTRUCTURE - SECTIONS
U238-2014-2327	SB-0007	STRUCTURAL SUPERSTRUCTURE - WALL SECTIONS
U238-2014-2328	SB-0008	STRUCTURAL SUPERSTRUCTURE - WALL OPENING STD DETAILS
STRUCTURAL		
U238-2014-2331	S-1001	PUMPING STATION - SUB-STRUCTURE - SECTIONS AND DETAILS 1
U238-2014-2332	S-1002	PUMPING STATION - SECTIONS AND DETAILS 2
U238-2014-2333	S-1003	PUMPING STATION - SECTIONS AND DETAILS 3
U238-2014-2334	S-1004	PUMPING STATION - SECTIONS AND DETAILS 4
U238-2014-2335	S-1005	PUMPING STATION - SECTIONS & DETAILS 5
U238-2014-2336	S-1006	PUMPING STATION - FOUNDATION PLAN - SECTIONS AND DETAILS
U238-2014-2337	S-1007	PUMPING STATION - SUBSTRUCTURE - REINFORCING SECTIONS 1
U238-2014-2338	S-1008	PUMPING STATION - SUBSTRUCTURE - REINFORCING SECTIONS 2
U238-2014-2339	S-1009	PUMPING STATION - HANDRAIL DETAILS - SHEET 1
U238-2014-2340	S-1010	PUMPING STATION - HANDRAIL DETAILS - SHEET 2
MECHANICAL		
U238-2014-2341	M-0001	MECHANICAL - LEGENDS, NOTES AND ABBREVIATIONS
U238-2014-2342	M-0002	MECHANICAL - MAIN FLOOR & WET WELL PLANS
U238-2014-2343	M-0003	MECHANICAL - SECTIONS
U238-2014-2344	M-0004	MECHANICAL - DETAILS & SCHEMATICS
U238-2014-2345	M-0005	MECHANICAL - SCHEDULES
ELECTRICAL		
U238-2014-2351	E-0001	ELECTRICAL - LEGEND
U238-2014-2352	E-0002	ELECTRICAL - SITE PLAN
U238-2014-2353	E-0003	ELECTRICAL - LIGHTING MAIN FLOOR PLAN
U238-2014-2354	E-0004	ELECTRICAL - POWER AND INSTRUMENT FLOOR PLAN
U238-2014-2355	E-0005	ELECTRICAL - POWER AND INSTRUMENT SECTIONS
U238-2014-2356	E-0006	ELECTRICAL - HAZARDOUS AREA DETAILS
U238-2014-2357	E-0007	ELECTRICAL - SCHEDULES AND DETAILS
U238-2014-2358	E-0008	ELECTRICAL - SCHEMATICS
U238-2014-2359	E-0009	ELECTRICAL - MCC ELEVATION
U238-2014-2360	E-0010	ELECTRICAL - SITE PLAN - HEAT TRACE
PROCESS MECHANICAL		
U238-2014-2371	P-1001	PUMPING STATION - PROCESS MECHANICAL - LEGEND & ABBREVIATIONS
U238-2014-2372	P-1002	PUMPING STATION - PROCESS MECHANICAL - STANDARD DETAILS
U238-2014-2373	P-1003	PUMPING STATION - PROCESS MECHANICAL - PLANS & DETAILS
U238-2014-2374	P-1004	PUMPING STATION - PROCESS MECHANICAL - SECTIONS
U238-2014-2375	P-1005	PUMPING STATION - PROCESS & INSTRUMENTATION DIAGRAM
LANDSCAPE		
U238-2014-2401	L-0001	LANDSCAPING - PLESSIS ROAD - STA 1+710 TO 2+040
U238-2014-2402	L-0002	LANDSCAPING - PLESSIS ROAD - STA 2+040 TO 2+385
U238-2014-2403	L-0003	LANDSCAPING - PLESSIS ROAD - STA 2+385 TO 2+650
U238-2014-2404	L-0004	LANDSCAPING - PLESSIS ROAD - STA 2+650 TO 2+925
U238-2014-2405	L-0005	LANDSCAPING - DUGALD ROAD - STA 0+275 TO 0+450 AND STA 0+575 TO 0+725
U238-2014-2406	L-0006	LANDSCAPING - DRY POND AND PUMPING STATION
U238-2014-2407	L-0007	LANDSCAPING - ENLARGEMENTS
U238-2014-2408	L-0008	LANDSCAPING - DETAILS
U238-2014-2409	L-0009	LANDSCAPING - DETAILS
U238-2014-2410	L-0010	LANDSCAPING - RETAINING WALL GRAPHIC DETAILS

1

APEGM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: ORIGINAL SIGNED ON 2013/11/21

BID OPPORTUNITY NO. 712-2013

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	DJH
0	ISSUED FOR TENDER	2013/11/21	KC

AECOM

DESIGNED BY	FT	CHECKED BY	EBL
DRAWN BY	DJH	APPROVED BY	EBL
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	AS NOTED		
DATE	2013-06-04	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA — REGISTERED PROFESSIONAL ENGINEER
ORIGINAL SIGNED BY F. TABET
Member 33659
ON NOV 21, 2013

CONSULTANT DRAWING NO.
60273041-01-G-001

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

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

CITY DRAWING NUMBER: U238-2014-1902
SHEET 02 OF 04

DRAWING LIST

G-0002

A1 – 841x594
2013-12-10
_ACCOMMOND_BEFAULT.CTB
P:\60273041\000-CADD\02-SHEETS\01\G\60273041-01-G-0102.dwg