



KEYNOTES:

1	UPS POWER SUPPLY BY PHOENIX CONTACT TRIO-UPS/1AC/24DC/5.
2	UPS BATTERY BY PHOENIX CONTACT QUINT-BAT-24VDC/3.4Ah.
3	SCADAPAK334E PLC BY SCHNIEDER
4	SCADAPAK 334E EXPANSION MODULE.
5	FUTURE WIRELESS MODEM SUPPLIED BY CITY OF WINNIPEG.
6	HOFFMAN PANEL HEATER DAH2001A.
7	DIN RAIL MOUNTED RECEPTACLE BY PHOENIX CONTACT.
8	CURRENT ISOLATOR.
9	FEED THROUGH TERMINAL BLOCKS AS REQUIRED BY PHOENIX CONTACTS OR EQUIVALENT FROM WEIDMULLER.
10	24VDC POWER SUPPLY TERMINAL BLOCKS AND FUSES AS REQUIRED BY PHOENIX CONTACTS OR EQUIVALENT FROM WEIDMULLER.
11	SPDT AND DPDT RELAYS AS REQUIRED BY PHOENIX CONTACT OR EQUIVALENT FROM WEIDMULLER.
12	DISCRETE INPUT/OUTPUT SIGNAL TERMINAL BLOCKS AND FUSES AS REQUIRED BY PHOENIX CONTACTS OR EQUIVALENT FROM WEIDMULLER.
13	ANALOG SIGNAL TERMINAL BLOCKS AND FUSES AS REQUIRED BY PHOENIX CONTACTS OR EQUIVALENT FROM WEIDMULLER.
14	PRECISION DIGITAL DISPLAY MODEL No. PD6000-7R4. SEE DRAWING 115.

TS05

2400C-F01	2400C-F02	2400C-F03	2400C-F04	2400C-F05	2400C-F06	2400C-F07	2400C-F08	2400C-F09	2400C-F10
2400C-F11	2400C-F12	2400C-F13	2400C-F14	2400C-F15	2400C-F16	2400C-F17	2400C-F18	2400C-F19	2400C-F20
2400C-F21	2400C-F22	2400C-F23	2400C-F24	2400C-F25	2400C-F26	2400C-F27	2400C-F28	2400C-F29	2400C-F30
2400C-F31	2400C-F32	2400C-F33	2400C-F34	2400C-F35	2400C-F36	2400C-F37	2400C-F38	2400C-F39	2400C-F40
2400C-F41	2400C-F42	2400C-F43	2400C-F44	2400C-F45	2400C-F46	2400C-F47	2400C-F48	2400C-F49	2400C-F50
2400C-F51	2400C-F52	2400C-F53	2400C-F54	2400C-F55	2400C-F56	2400C-F57	2400C-F58	2400C-F59	2400C-F60
2400C-F61	2400C-F62	2400C-F63	2400C-F64	2400C-F65	2400C-F66	2400C-F67	2400C-F68	2400C-F69	2400C-F70
2400C-F71	2400C-F72	2400C-F73	2400C-F74	2400C-F75	2400C-F76	2400C-F77	2400C-F78	2400C-F79	2400C-F80
2400C-F81	2400C-F82	2400C-F83	2400C-F84	2400C-F85	2400C-F86	2400C-F87	2400C-F88	2400C-F89	2400C-F90
2400C-F91	2400C-F92	2400C-F93	2400C-F94	2400C-F95	2400C-F96	2400C-F97	2400C-F98	2400C-F99	2400C-F100

TS01

R51	R52	R53	R54	R55	R56	R57	R58	R59	R60
R61	R62	R63	R64	R65	R66	R67	R68	R69	R70
R71	R72	R73	R74	R75	R76	R77	R78	R79	R80
R81	R82	R83	R84	R85	R86	R87	R88	R89	R90
R91	R92	R93	R94	R95	R96	R97	R98	R99	R100
R101	R102	R103	R104	R105	R106	R107	R108	R109	R110
R111	R112	R113	R114	R115	R116	R117	R118	R119	R120
R121	R122	R123	R124	R125	R126	R127	R128	R129	R130
R131	R132	R133	R134	R135	R136	R137	R138	R139	R140
R141	R142	R143	R144	R145	R146	R147	R148	R149	R150

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NOTE:
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METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

APEGM
 Certificate of Authorization
 WSP Canada Inc.
 No. 5750 Date: SEP. 07, 2016

DESIGNED BY	DG	CHECKED BY	HP
DRAWN BY	DG	APPROVED BY	HP
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERTICAL	AS NOTED		
DATE	2016/09/07	DATE	
NO.	1	ISSUED FOR TENDER	09/07/16 HP
NO.		REVISIONS	DATE BY

WSP | MMM GROUP

1600 BUFFALO PLACE, WINNIPEG, MANITOBA CANADA R3T 6B8
 PHONE: 204-477-6650 FAX: 204-474-2864 WWW.WSPGROUP.COM

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VERTICAL	AS NOTED		
DATE	2016/09/07	DATE	

ENGINEER'S SEAL

PROVINCE OF MANITOBA
 09/07/2016
 H.N. PROCYSHYN
 MEMBER 4055
 REGISTERED PROFESSIONAL ENGINEER

BID OPPORTUNITY: 789-2016
 PLOT DATE: 2016/09/07

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

Winnipeg

OUTFALL GATE CHAMBER UPGRADES
 RUBY STREET
 SRS OUTFALL GATE CHAMBER

CABINET LAYOUT
 DEVICE PLACEMENT

CONSULTANT DRAWING NUMBER	5516047 - 116
SHEET OF	32 OF 34
CITY DRAWING NUMBER	LD-7953