

NOTES:

1. WIRE AND CONNECT MECHANICAL EQUIPMENT. WIRE FANS, DAMPER ACTUATORS, TSTAT, AND TIMER SWITCH. WIRE UNIT HEATER AND TSTAT. WIRE DUCT HEATERS, DUCT TEMP SENSORS, AND SCR CONTROLLERS.



WARNING
 IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
 SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. ELEV.
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.		
NO.	REVISIONS	DATE BY
3	ISSUED FOR TENDER	16.03.09 D.R.
2	ISSUED FOR TENDER REVIEW	16.03.07 D.R.
1	ISSUED FOR 95% REVIEW	16.01.29 D.R.

DESIGNED BY	D.R.	CHECKED BY	S.T.
DRAWN BY	Q.H.L.	APPROVED BY	S.K.B.
HOR. SCALE:	RELEASED FOR CONSTRUCTION:	DATE	
VERTICAL:			
DATE	2016.01.12		

Stantec
 500-311 Portage Ave, Winnipeg MB Canada
 www.stantec.com

ENGINEER'S SEAL

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

Winnipeg

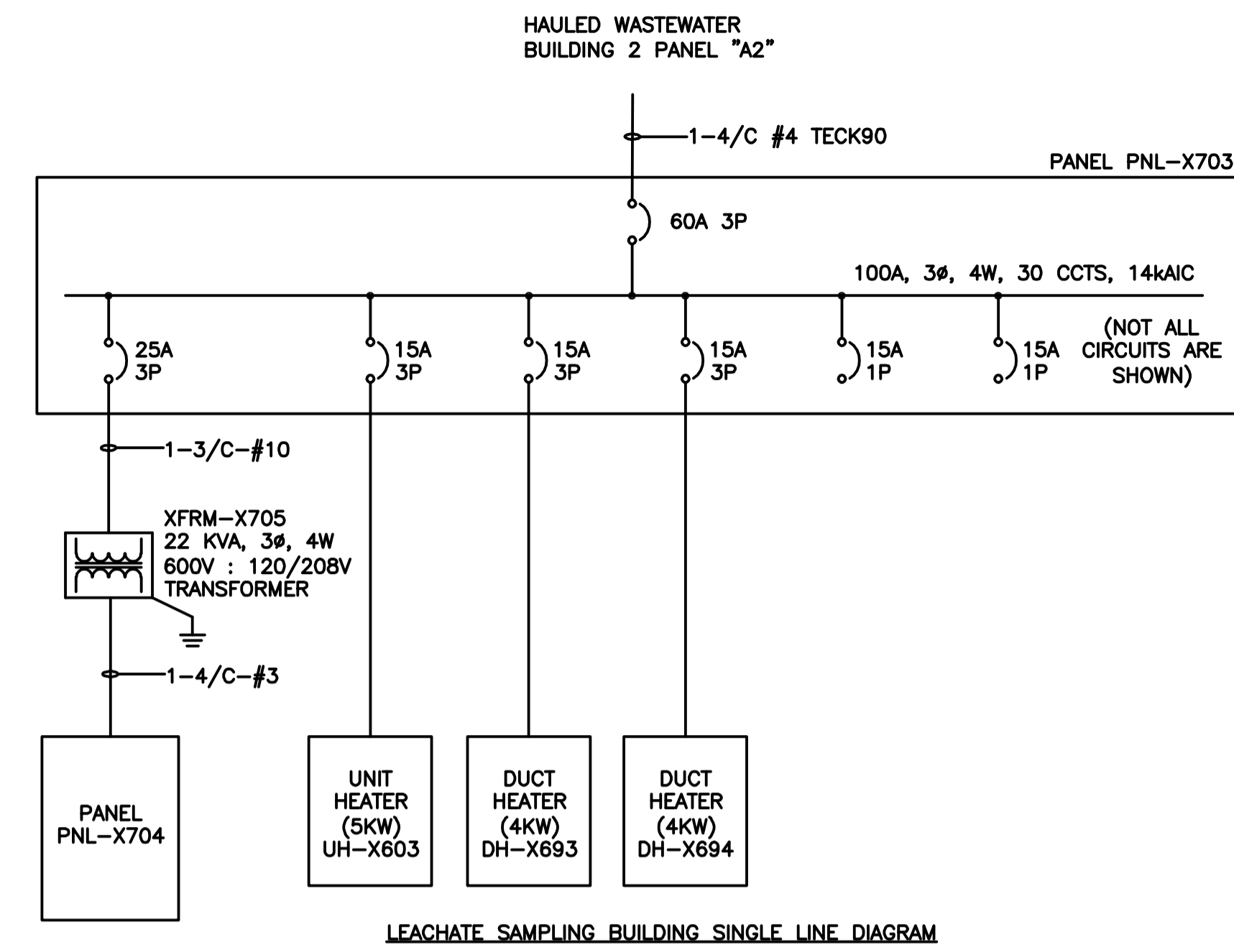
NORTH END SEWAGE TREATMENT PLANT (NEWPC) HAULED LIQUID WASTE FACILITY PHASE II UPGRADE

LEACHATE SAMPLING BUILDING ELECTRICAL FLOOR PLAN, SINGLE LINE DIAGRAM & SCHEDULES

TENDER NO. **952-2015**

CITY DRAWING NUMBER **I-0101Y-E0002-001**

SHEET **4** OF **4**



LEACHATE SAMPLING BUILDING SINGLE LINE DIAGRAM

PANEL PNL-X703		347/600V, 3Ø, 4W				100 MAINS		
DESCRIPTION	CCT	BRK AMP	A	B	C	BRK AMP	CCT	DESCRIPTION
TRANSFORMER XFRM-X704 & PNL-X702	1	25	+	+	+	15	4	DUCT HEATER (4KW) DH-X693
UNIT HEATER (5KW) UH-X603	7	15	+	+	+	15	10	DUCT HEATER (4KW) DH-X694
SPARE	15	15	+	+	+	15	16	SPARE
SPARE	19	15	+	+	+	15	20	SPARE
SPARE	21	15	+	+	+	15	22	SPARE
SPARE	23	15	+	+	+	15	24	SPARE
SPARE	25	15	+	+	+	15	26	SPARE
SPARE	27	15	+	+	+	15	28	SPARE
SPARE	29	15	+	+	+	15	30	SPARE

PANEL PNL-X703 SCHEDULE

PANEL PNL-X704		120/208V, 3Ø, 4W				100A MAINS		
DESCRIPTION	CCT	BRK AMP	A	B	C	BRK AMP	CCT	DESCRIPTION
INDOOR LIGHTING, EM LTG, EXIT SIGN	1	15	+	+	+	15	2	EXTERIOR LIGHTING
SPARE	3	15	+	+	+	15	4	SPARE
RCPT - WEST	5	15	+	+	+	15	6	RCPT - NORTH
RCPT - EAST	7	15	+	+	+	15	8	SPARE
RCPT - SAMPLER S-X950 (LANE 4)	9	15	+	+	+	15	10	RCPT - SOUTH EAST
SPARE	11	15	+	+	+	15	12	SPARE
SUPPLY FAN F-X691	13	15	+	+	+	15	14	SPARE
EXHAUST FAN F-X692	15	15	+	+	+	15	16	SPARE
CONTROL PANEL CP-X703	17	15	+	+	+	30	18	SPARE
SPARE	19	15	+	+	+	15	20	SPARE
SPARE	21	30	+	+	+	15	22	SPARE
SPARE	23	15	+	+	+	15	24	SPARE
HOT WATER HEATER HWH-X602	25	15	+	+	+	15	26	SPARE
SPARE	27	15	+	+	+	15	28	SPARE
SPARE	29	15	+	+	+	15	30	SPARE
SPARE	31	15	+	+	+	15	32	SPARE
SPARE	33	15	+	+	+	15	34	SPARE
SPARE	35	15	+	+	+	15	36	SPARE
SPARE	37	15	+	+	+	15	38	SPARE
SPARE	39	15	+	+	+	15	40	SPARE
SPARE	41	15	+	+	+	15	42	SPARE

PANEL PNL-X704 SCHEDULE