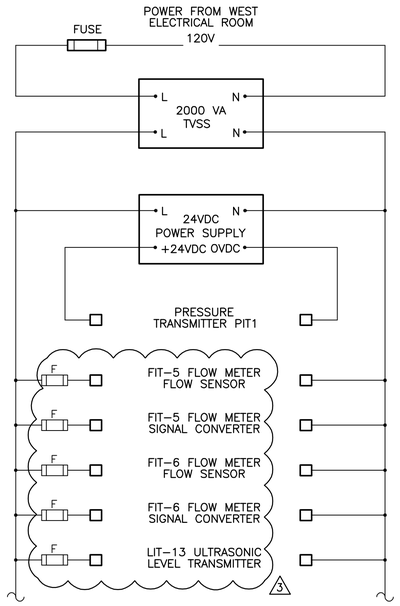
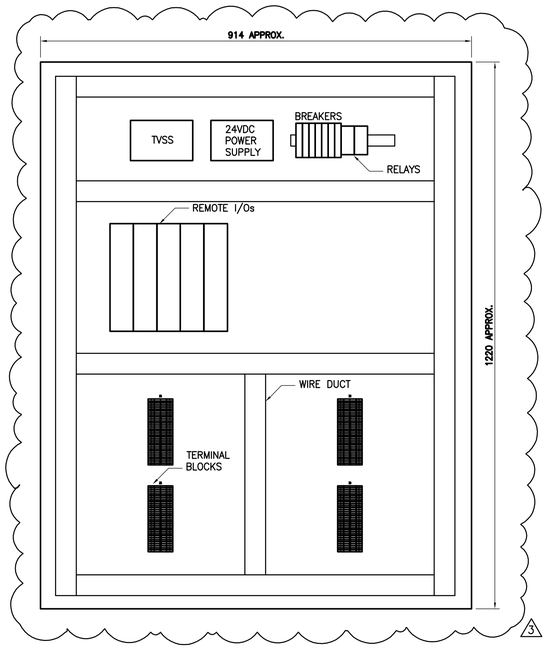


TERMINATION PANEL WIRING DETAIL



TERMINATION PANEL WITH REMOTE I/Os AND PC

TB1

LEACHATE STORAGE TANK HIGH LEVEL	1	2	
LEACHATE STORAGE TANK LOW LEVEL	3	4	
LEACHATE PUMP LP3 RUN STATUS	5	6	
LEACHATE PUMP LP3 FAULT STATUS	7	8	
LEACHATE PUMP LP4 RUN STATUS	9	10	
LEACHATE PUMP LP4 FAULT STATUS	11	12	
LEACHATE PUMP LP5 RUN STATUS	13	14	
LEACHATE PUMP LP5 FAULT STATUS	15	16	
VALVE LBV8 OPEN STATUS	17	18	
VALVE LBV8 CLOSED STATUS	19	20	
VALVE LBV9 OPEN STATUS	21	22	
VALVE LBV9 CLOSED STATUS	23	24	
VALVE LBV10 OPEN STATUS	25	26	
VALVE LBV10 CLOSED STATUS	27	28	
VALVE LBV11 OPEN STATUS	29	30	
VALVE LBV11 CLOSED STATUS	31	32	
VALVE LBV12 OPEN STATUS	33	34	
VALVE LBV12 CLOSED STATUS	35	36	
VALVE LBV13 OPEN STATUS	37	38	
VALVE LBV13 CLOSED STATUS	39	40	
VALVE LBV14 OPEN STATUS	41	42	
VALVE LBV14 CLOSED STATUS	43	44	
LEACHATE PUMP LP3 E-STOP STATUS	45	46	
LEACHATE PUMP LP4 E-STOP STATUS	47	48	
LEACHATE PUMP LP5 E-STOP STATUS	49	50	
SAMPLER RUN STATUS	51	52	
SAMPLER FAULT STATUS	53	54	
SAMPLER HOA SWITCH IN HAND	55	56	
SAMPLER HOA SWITCH IN AUTO	57	58	
VALVE FCV1 OPEN STATUS	59	60	
VALVE FCV1 CLOSED STATUS	61	62	
VALVE FCV2 OPEN STATUS	63	64	
VALVE FCV2 CLOSED STATUS	65	66	
	67	68	
	69	70	
	71	72	
	73	74	
	75	76	
	77	78	
	79	80	

TERMINATION PANEL TB1 STRIP (DI)

TERMINATION PANEL
ABB #S800 I/O
3

TB2

LEACHATE PUMP LP3 RUN ENABLE	1	2	
LEACHATE PUMP LP4 RUN ENABLE	3	4	
LEACHATE PUMP LP5 RUN ENABLE	5	6	
VALVE LBV8 OPEN	7	8	
VALVE LBV9 OPEN	9	10	
VALVE LBV10 OPEN	11	12	
VALVE LBV11 OPEN	13	14	
VALVE LBV12 OPEN	15	16	
VALVE LBV13 OPEN	17	18	
VALVE LBV14 OPEN	19	20	
SAMPLER START/STOP	21	22	
	23	24	
	25	26	
	27	28	
	29	30	
	31	32	
	33	34	
	35	36	
	37	38	
	39	40	

TERMINATION PANEL TB2 STRIP (DO)

TERMINATION PANEL
ABB #S800 I/O
3

TB3

LEACHATE STORAGE TANK LEVEL TRANSMITTER	1	2	
LINE TO DRAIN FLOW METER	3	4	
LINE TO CENTRATE MANHOLE FLOW METER	5	6	
PRESSURE TRANSMITTER PIT1	7	8	
PRESSURE TRANSMITTER PIT2	9	10	
	11	12	
	13	14	
	15		

TERMINATION PANEL TB3 STRIP (AI)

TERMINATION PANEL
ABB #S800 I/O
3

TB4

LEACHATE PUMP LP3 VFD	1	2	
LEACHATE PUMP LP4 VFD	3	4	
LEACHATE PUMP LP5 VFD	5	6	
FLOW CONTROL VALVE FCV1	7	8	
FLOW CONTROL VALVE FCV2	9	10	
	11	12	
	13	14	
	15		

TERMINATION PANEL TB4 STRIP (AO)

TB5

LEACHATE PUMP LP3 E-STOP (VFD)	1	2	TO DIGESTER GALLERY WEST ELECTRICAL ROOM MCC 3D AND MCC 4D
LEACHATE PUMP LP4 E-STOP (VFD)	3	4	
LEACHATE PUMP LP5 E-STOP (VFD)	5	6	
	7	8	
	9	10	

TERMINATION PANEL TB5 STRIP (E-STOPS TO VFDs)

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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	REVISED AS PER ADDENDUM #3		
A	ISSUED FOR TENDER	10.02.16	S.T.

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	S.T	CHECKED BY	D.D
DRAWN BY	S.T.	APPROVED BY	–
HOR. SCALE: VERTICAL:	–	RELEASED FOR CONSTRUCTION:	
DATE	09.11.20	DATE	

ENGINEER'S SEAL

ORIGINAL SEALED BY SLOBODAN TREBIC P. ENG. 10/02/16

TENDER NO. 822-2009

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE
HAULED WASTEWATER RECEIVING FACILITIES
DIGESTER GALLERY

CONTROL PANEL WIRING, DCS I/Os

CITY DRAWING NUMBER: I-0101A-A0004-001

SHEET: 1 OF 1

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2009-11-30 02:17PM By: wenmeiw

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