

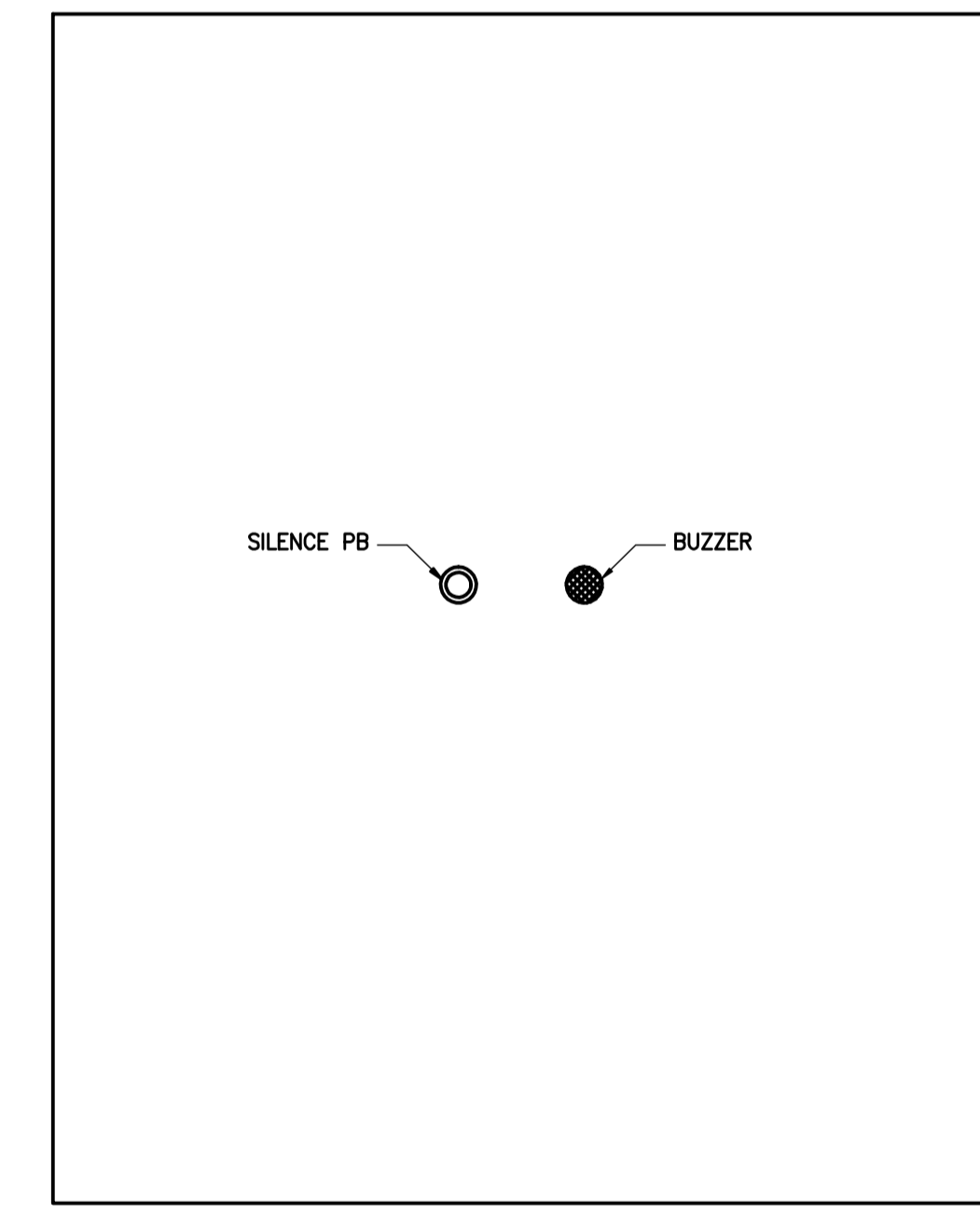
TERMINATION PANEL WIRING DETAIL

Line No.	Device	Terminal
LINE No.1 FLOW METER	+	1
LINE No.2 FLOW METER	+	2
HOLDING TANK No.1 LEVEL TRANSMITTER	+	3
HOLDING TANK No.2 LEVEL TRANSMITTER	+	4
LINE No.1 HYDROCARBON DETECTOR	+	5
LINE No.2 HYDROCARBON DETECTOR	+	6
HRV-1 OUTSIDE AIR TEMPERATURE	+	7
HRV-1 SUPPLY AIR TEMPERATURE	+	8
HYDRONIC SYSTEM GHS GLYCOL TEMPERATURE	+	9
	+	10
	+	11
	+	12
	+	13
	+	14
	+	15
	+	16
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	+	33
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	+	35
	+	36

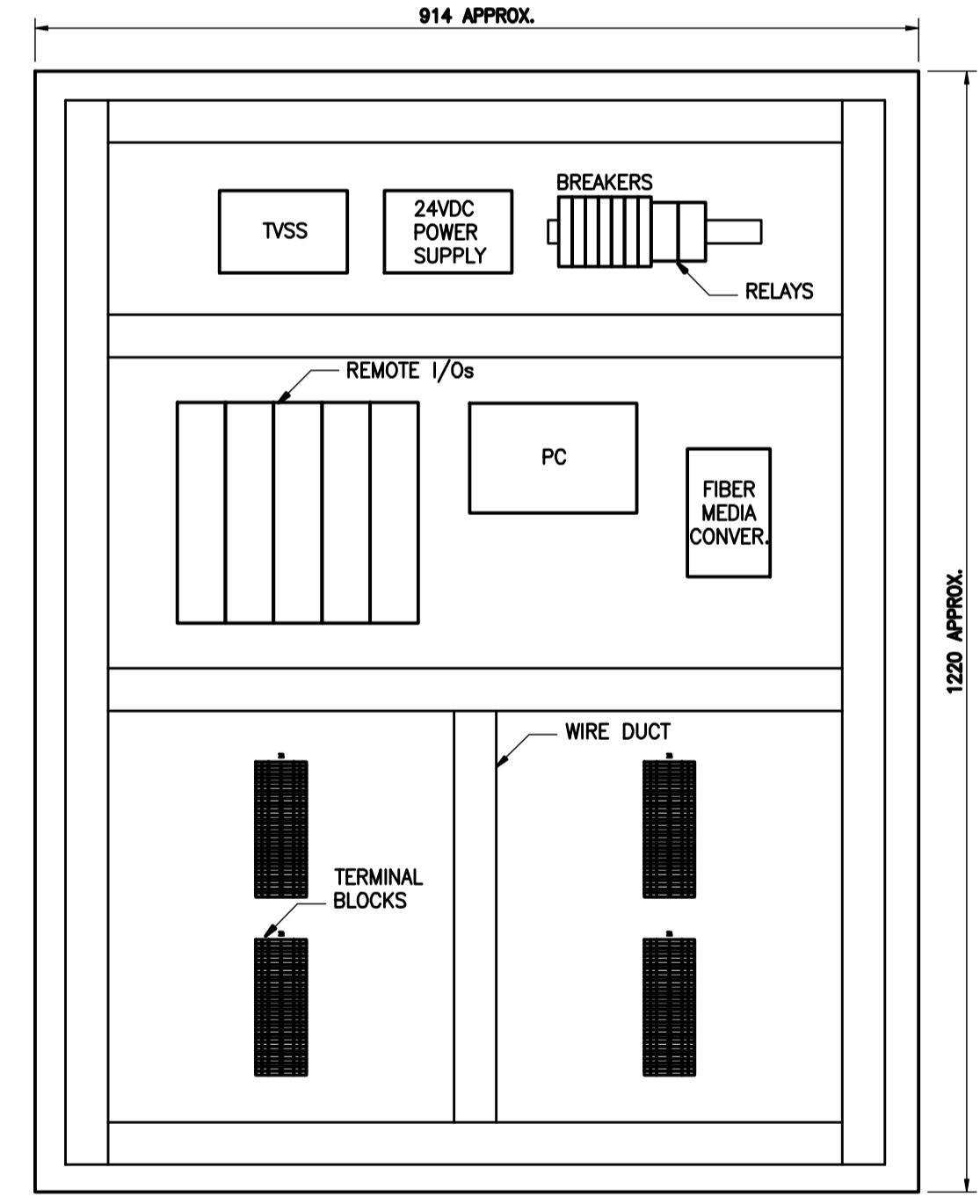
TERMINATION PANEL TB3 STRIP (AI)

Device	Terminal
FRONT GATE OPEN STATUS	1
FRONT GATE CLOSED STATUS	2
END GATE OPEN STATUS	3
END GATE CLOSED STATUS	4
END GATE PROXIMITY SENSOR	5
HOLDING TANK No.1 HIGH LEVEL	6
HOLDING TANK No.1 LOW LEVEL	7
HOLDING TANK No.2 HIGH LEVEL	8
HOLDING TANK No.2 LOW LEVEL	9
BUILDING FLOOD ALARM	10
BUILDING LOW TEMPERATURE ALARM	11
BUILDING INTRUSION ALARM	12
VALVE SBV1 OPEN STATUS	13
VALVE SBV1 CLOSED STATUS	14
VALVE SBV2 OPEN STATUS	15
VALVE SBV2 CLOSED STATUS	16
SAMPLER 1 RUN STATUS	17
SAMPLER 1 FAULT STATUS	18
SAMPLER 1 HOA SWITCH IN HAND	19
SAMPLER 1 HOA SWITCH IN AUTO	20
SAMPLER 2 RUN STATUS	21
SAMPLER 2 FAULT STATUS	22
SAMPLER 2 HOA SWITCH IN HAND	23
SAMPLER 2 HOA SWITCH IN AUTO	24
SUMP PIT HIGH LEVEL	25
BOILER B-1a RUN STATUS	26
BOILER B-1b RUN STATUS	27
HRV-1 FILTER HIGH DIFF. PRESS.	28
HRV-1 RETURN FILTER HIGH DIFF. PRESS.	29
HRV-1 SUPPLY AIR FLOW SWITCH	30
HYDRONIC SYSTEM PUMP P-1a RUN STATUS	31
HYDRONIC SYSTEM PUMP P-1a FAULT STATUS	32
HYDRONIC SYSTEM PUMP P-1b RUN STATUS	33
HYDRONIC SYSTEM PUMP P-1b FAULT STATUS	34
HYDRONIC SYSTEM PUMP P-2 RUN STATUS	35
HYDRONIC SYSTEM PUMP P-2 FAULT STATUS	36
SAMPLING CARUSEL POSITION SWITCH 1	37
SAMPLING CARUSEL POSITION SWITCH 2	38
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TERMINATION PANEL TB1 STRIP (DI)



TERMINATION PANEL WITH REMOTE I/Os AND PC



**APEGM**  
Certificate of Authorization  
Stantec Consulting Ltd.  
No. 1301 Expiry: April 30, 2010

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.		
A	ISSUED FOR TENDER	10.02.16 S.T.
NO.	REVISIONS	DATE BY

Stantec Consulting Ltd.		ENGINEER'S SEAL
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: -	RELEASED FOR CONSTRUCTION:	
VERTICAL:	DATE	
DATE 09.11.20		

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT		
NORTH END WATER POLLUTION CONTROL CENTRE HAULED WASTEWATER RECEIVING FACILITIES HAULED WASTEWATER RECEIVING BUILDING		
CONTROL PANEL WIRING, DCS I/Os		
TENDER NO. 822-2009	CITY DRAWING NUMBER 1-0101A-A002-001	SHEET OF 1 1

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**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES