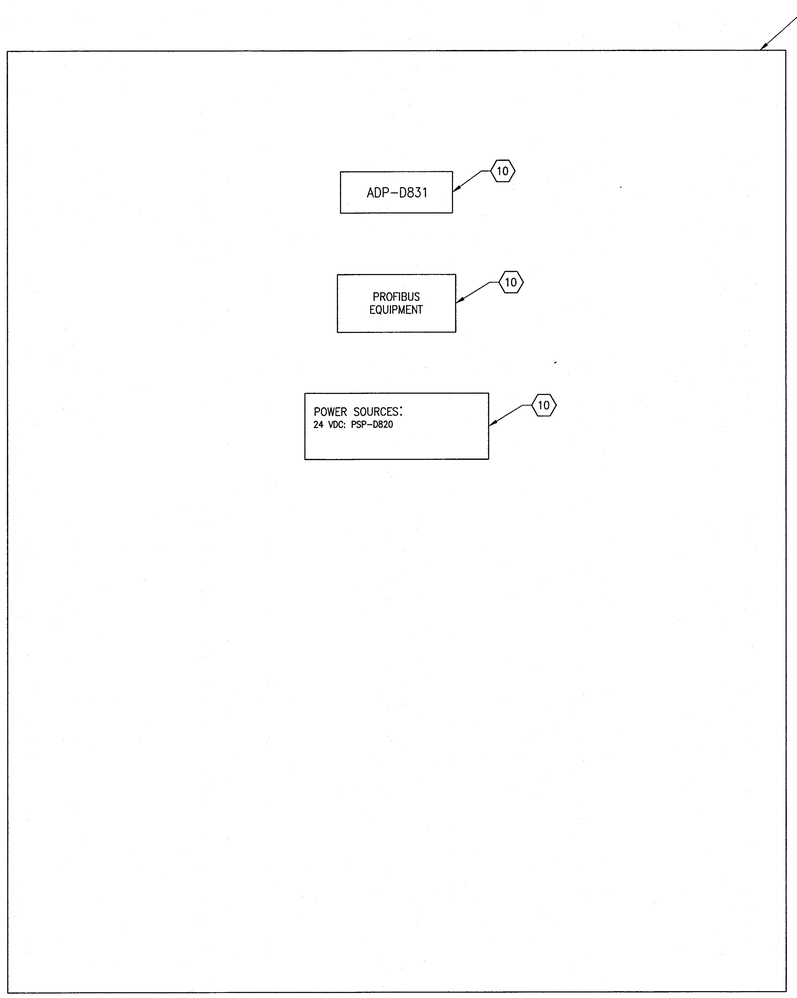
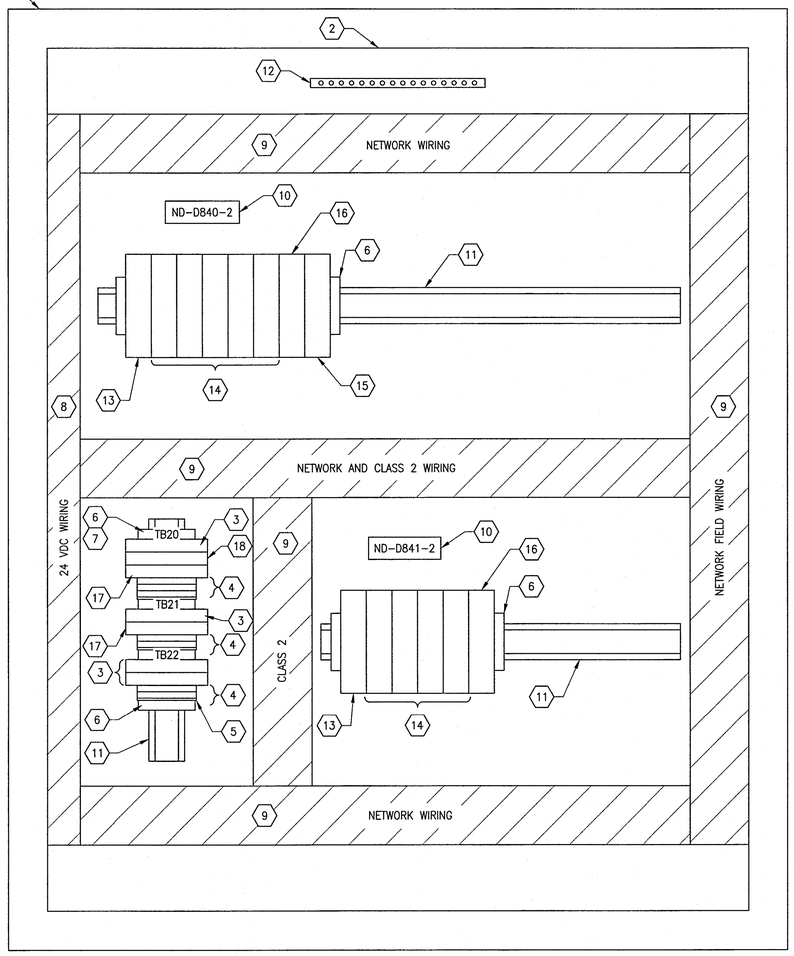
A1 SIZE – 594mm x 841mm



EXTERIOR PANEL VIEW
1 : 3



INTERIOR PANEL VIEW
1 : 3

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	TYPE 4 CONTINUOUS HINGE WALL-MOUNT ENCLOSURE WITH CLAMPS – 914x762x203mm	HOFFMAN	A36H30BLP
2	1	PANEL FOR ITEM 1	HOFFMAN	A36P30
3	4	ELECTRONIC CIRCUIT PROTECTION CLASS 2 CIRCUITS ESX10-T (2A)	WEIDMULLER	6720005302
4	AS-REQ'D	FEED-THROUGH TERMINAL – UT 4-MTD	PHOENIX CONTACT	3046184
5	AS REQ'D	TERMINAL END PLATE – D-UT 2,5/4 TWIN	PHOENIX CONTACT	3047141
6	AS REQ'D	TERMINAL END CLAMP – CLIPFIX 35	PHOENIX CONTACT	3022218
7	AS REQ'D	TERMINAL BLOCK MARKER – KLM-A	PHOENIX CONTACT	1004348
8	AS-REQ'D	WIDE SLOT WIRING DUCT AND COVER, 1.25"x3.12"	PANDUIT	G1X3LG6
9	AS-REQ'D	WIDE SLOT WIRING DUCT AND COVER, 2.25"x3.12"	PANDUIT	G2X3LG6
10	AS REQ'D	LAMACOIDS	–	–
11	AS-REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
12	1	GROUND BAR, 14 TAPS	ILSCO	D167-14
13	2	HEAD STATION TYPE 1B	PROCENTEC	101-20011B
14	9	2 CHANNEL REPEATER	PROCENTEC	101-201102
15	1	6A POWER MODULE T1	PROCENTEC	101-230010
16	2	1 CHANNEL PROFIBUS PA MODULE	PROCENTEC	101-201610
17	2	ELECTRONIC CIRCUIT PROTECTION CLASS 2 CIRCUITS ESX10-T (1A)	WEIDMULLER	6720005301
18	1	ELECTRONIC CIRCUIT PROTECTION CLASS 2 CIRCUITS ESX10-T (3A)	WEIDMULLER	6720005303

GENERAL NOTES:

1. ALL POWER WIRING TO BE TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 14 AWG OR LARGER WHERE CURRENT REQUIREMENTS DICTATE AS PER CEC REQUIREMENTS. PROCENTEC COMBIRCKS POWER WIRING TO BE 14 AWG.
2. COMPONENTS ARE TO BE LABELED AS SHOWN ON THE DRAWINGS.
3. TEST ALL WIRING AND COMPONENTS FOR FUNCTIONAL OPERATION, CORRECT CONNECTION, CONTINUITY AND INSULATION INTEGRITY. DOCUMENT ALL TEST RESULTS.
4. ALL MAJOR COMPONENTS INSIDE THE PANEL ARE TO BE LABELED WITH LAMACOIDS IN ACCORDANCE WITH MAJOR DESCRIPTIONS ON THE DRAWINGS.
5. PROVIDE WIRE BARREL FERRULES FOR WIRING WHERE POSSIBLE.
6. ALL TERMINAL BLOCKS SHALL BE NUMBERED AS SHOWN IN THE DRAWINGS, COMPLETE WITH GROUP LABELING.
7. ALL WIRES SHALL BE MARKED AS INDICATED ON THE DRAWINGS.
8. JUMPER BARS SHALL BE USED INSTEAD OF WIRE JUMPERS WHERE POSSIBLE.

REFERENCE DRAWINGS	DESCRIPTION
1-0102-AGAD-D003	INSTRUMENT LOCATION PLAN, FERMENTERS/THICKENERS, RTD LAYOUT

1:3 30 0 60 120

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION – 976-2016	2017/04/05	MW	PC

CH2MHILL. KGS GROUP SNC·LAVALIN

DESIGNED BY: M. WANG	CHECKED BY: P. CHICATUN
DRAWN BY: B. DE GUZMAN	APPROVED BY: E. RYCZKOWSKI
SCALE: 1:3	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2016/08/19	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
CHICATUN
Member
30307
REGISTERED PROFESSIONAL ENGINEER
APR. 4, 2017
REV. 02

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
AUTOMATION – CABINET LAYOUT
FERMENTERS/THICKENERS/BIOFILTERS
ADP-D831 PROFIBUS EQUIPMENT CABINET

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-ACBD-D061	001	00	A1

LAST SAVE: 2017/04/01 – 10:14am
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PLOT DATE: Apr 01, 2017 – 10:14am
FILE NAME: 1-0102-ACBD-D061.dwg