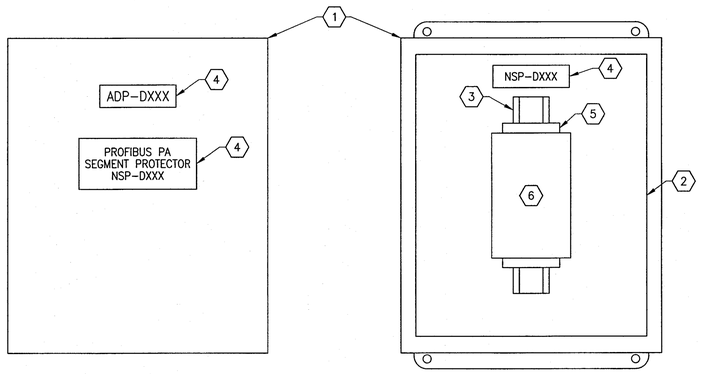


EXTERIOR PANEL VIEW
1 : 3

INTERIOR PANEL VIEW
1 : 3

BILL OF MATERIAL

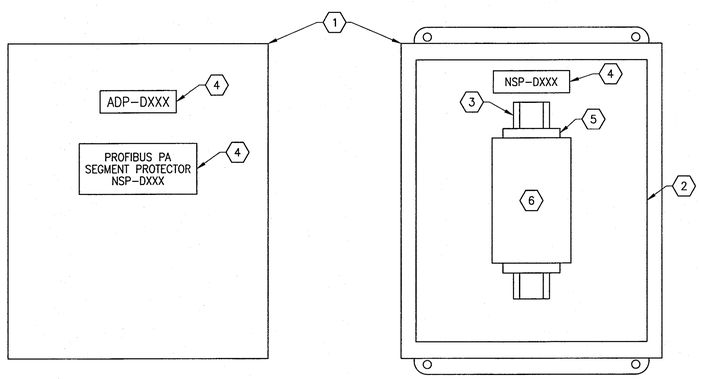
ITEM	QUANTITY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	TYPE 4X CONTINUOUS HINGE WALL-MOUNT ENCLOSURE WITH CLAMPS – 305x254x152mm	HOFFMAN	A12106CHNFSS6
2	1	PANEL FOR ITEM 1	HOFFMAN	A12P10
3	AS REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
4	AS REQ'D	LAMACOIDS	–	–
5	AS REQ'D	TERMINAL END CLAMP – CLIPFIX 35	PHOENIX CONTACT	3022218
6	1	R2 PROFIBUS PA SEGMENT PROTECTOR	PEPPERL+FUCHS	R2-SP-IC6

DEVICE PANEL SCHEDULE

DEVICE PANELIDENTIFIERS	SEGMENT PROTECTOR IDENTIFIERS	DESCRIPTION
ADP-D850-1	NSP-D850-1	BIOFILTER ROOF PROFIBUS PA BRANCH 1 SEGMENT PROTECTOR DEVICE PANEL
ADP-D850-2	NSP-D850-2	FERMENTERS/THICKENERS ROOF PROFIBUS PA SEGMENT PROTECTOR DEVICE PANEL
ADP-D860	NSP-D860	FERMENTERS/THICKENERS ROOF PROFIBUS PA BRANCH 2 SEGMENT PROTECTOR DEVICE PANEL

NOTES:

1. DEVICE PANEL AND SEGMENT PROTECTOR LAMACOIDS SHALL BE LABELED AS PER DEVICE PANEL SCHEDULE.



EXTERIOR PANEL VIEW
1 : 3

INTERIOR PANEL VIEW
1 : 3

BILL OF MATERIAL

ITEM	QUANTITY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	TYPE 4 CONTINUOUS HINGE WALL-MOUNT ENCLOSURE WITH CLAMPS – 305x254x127mm	HOFFMAN	A1210CHNF
2	1	PANEL FOR ITEM 1	HOFFMAN	A12P10
3	AS REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
4	AS REQ'D	LAMACOIDS	–	–
5	AS REQ'D	TERMINAL END CLAMP – CLIPFIX 35	PHOENIX CONTACT	3022218
6	1	R2 PROFIBUS PA SEGMENT PROTECTOR	PEPPERL+FUCHS	R2-SP-IC6

DEVICE PANEL SCHEDULE

DEVICE PANELIDENTIFIERS	SEGMENT PROTECTOR IDENTIFIERS	DESCRIPTION
ADP-D851-1	NSP-D851-1	RDT PUMP ROOM PROFIBUS PA BRANCH 1 SEGMENT PROTECTOR DEVICE PANEL
ADP-D851-2	NSP-D851-2	SECONDARY CLARIFIER BASEMENT PROFIBUS PA BRANCH 1 SEGMENT PROTECTOR DEVICE PANEL
ADP-D852-1	NSP-D852-1	GALLERY 5 – NORTH PROFIBUS PA BRANCH 1 SEGMENT PROTECTOR DEVICE PANEL
ADP-D852-2	NSP-D852-2	GALLERY 5 – NORTH PROFIBUS PA BRANCH 1 SEGMENT PROTECTOR DEVICE PANEL
ADP-D853-1	NSP-D853-1	GALLERY 5 – SOUTH PROFIBUS PA BRANCH 1 SEGMENT PROTECTOR DEVICE PANEL
ADP-D861-1	NSP-D861-1	RDT PUMP ROOM PROFIBUS PA BRANCH 2 SEGMENT PROTECTOR DEVICE PANEL
ADP-D861-2	NSP-D861-2	RDT PUMP ROOM PROFIBUS PA BRANCH 2 SEGMENT PROTECTOR DEVICE PANEL
ADP-D862-1	NSP-D862-1	GALLERY 5 – NORTH PROFIBUS PA BRANCH 2 SEGMENT PROTECTOR DEVICE PANEL
ADP-D862-2	NSP-D862-2	GALLERY 5 – NORTH PROFIBUS PA BRANCH 2 SEGMENT PROTECTOR DEVICE PANEL

NOTES:

1. DEVICE PANELAND SEGMENT PROTECTOR LAMACOIDS SHALL BE LABELED AS PER DEVICE PANELSCHEDULE..

REFERENCE DRAWINGS	DESCRIPTION
1-0102-AGAD-D001	INSTRUMENT LOCATION PLAN, LOWER LEVEL PLAN
1-0102-AGAD-D002	INSTRUMENT LOCATION PLAN, GALLERY 5 – NORTH LAYOUT
1-0102-AGAD-D004	INSTRUMENT LOCATION PLAN, FERMENTERS/THICKENERS ROOF PLAN
1-0102-AGAD-D005	INSTRUMENT LOCATION PLAN, SECONDARY CLARIFIER BASEMENT PLAN
1-0102-AGAD-T001	INSTRUMENT LOCATION PLAN, HUMIDIFIER ROOM AND GALLERY 5 – SOUTH LAYOUT
1-0102-AGAD-T003	INSTRUMENT LOCATION PLAN, ROOF PLAN

1:3 30 0 60 120

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

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

CH2MHILL. KGS GROUP SNC·LAVALIN

DESIGNED BY: M. WANG
CHECKED BY: P. CHICATUN
DRAWN BY: M. WANG
APPROVED BY: E. RYCZKOWSKI
SCALE: 1:3
ISSUED FOR CONSTRUCTION BY: J. SHUMKA DATE: 2017/04/05
DATE: 2016/08/25
CONSULTANT NO.: 474248

ENGINEER'S SEAL
PROVINCE OF MANITOBA
CHICATUN
Member
30307
REGISTERED PROFESSIONAL ENGINEER
APR. 01 2017
REV. 00

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
PROFIBUS PA SEGMENT PROTECTOR DEVICE PANEL

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-ACBD-D068	001	00	A1

PLOT DATE: Apr 01, 2017 – 10:14am
FILE NAME: 1-0102-ACBD-D068.dwg

A1 SIZE – 594mm x 841mm

LAST SAVE: 2017/04/01 – 10:14am
PATH: C:\pw_workdir\ch2mhill_wbg\sh0432641\d0356273\1-0102-ACBD-D068.dwg