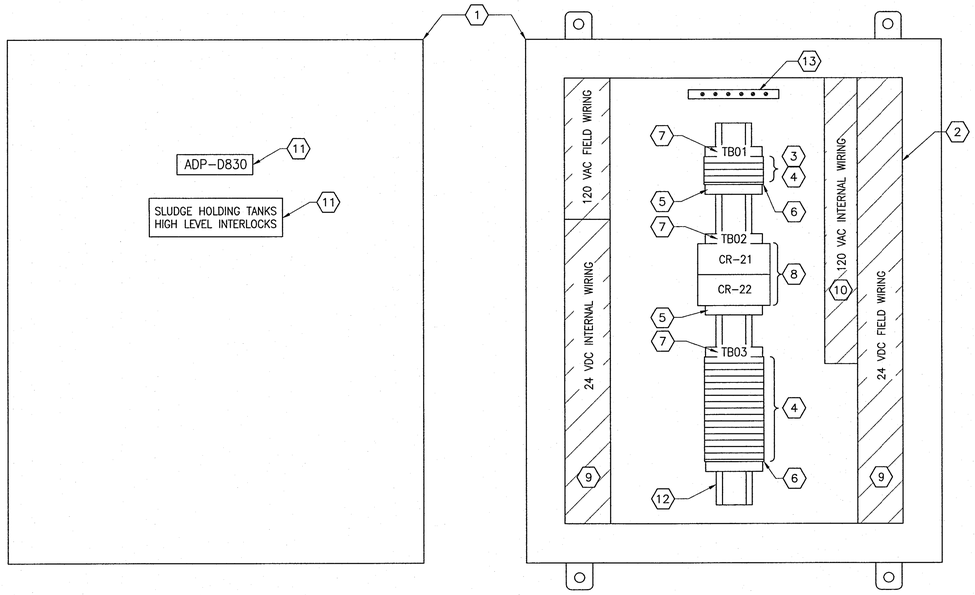
A1 SIZE – 594mm x 841mm



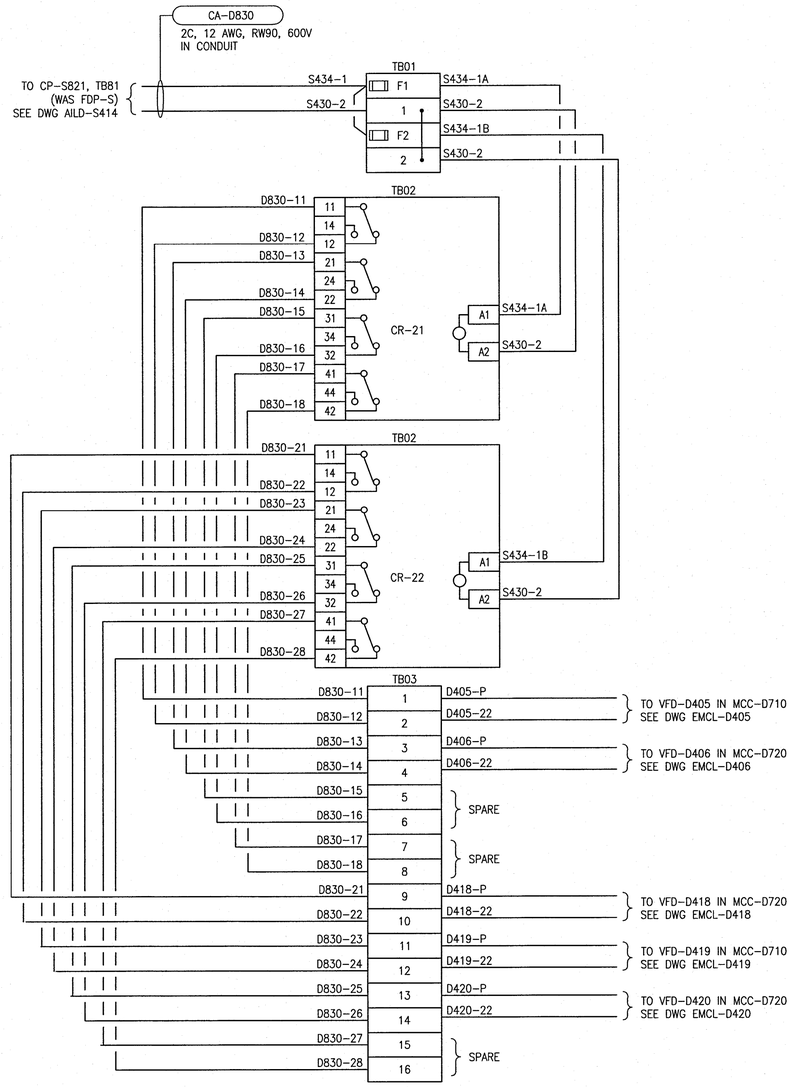
EXTERIOR PANEL VIEW

1 : 3

INTERIOR PANEL VIEW

1 : 3

WIRING DIAGRAM:



BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	NEMA 12 ENCL. WALL MOUNT – 508X406X203mm	HOFFMAN	A201608LP
2	1	PANEL FOR ITEM 1	HOFFMAN	A20P16
3	AS–REQ'D	FUSED TERMINAL – UT 4 WITH FUSE PLUG–P–FU 5X20	PHOENIX CONTACT	3046142 3036806
4	AS–REQ'D	FEED THROUGH TERMINAL – UT 4–MTD	PHOENIX CONTACT	3046184
5	AS REQ'D	TERMINAL END CLAMP – CLIPFIX 35	PHOENIX CONTACT	3022218
6	AS REQ'D	TERMINAL END PLATE – D–UT 2,5/4 TWIN	PHOENIX CONTACT	3047141
7	AS REQ'D	TERMINAL BLOCK MARKER – KLM–A	PHOENIX CONTACT	1004348
8	2	RELAY MODULE, 120 VAC, 4PDT, STANDARD, SCREW TERMINAL SOCKET WITH LED	FINDER	55.34 94.74
9	AS REQ'D	NARROW SLOT WIRING DUCT AND COVER, 1.75"x3.12"	PANDUIT	F1.5X3LG6
10	AS REQ'D	NARROW SLOT WIRING DUCT AND COVER, 1.25"x3.12"	PANDUIT	F1X3LG6
11	AS REQ'D	LAMACOIDS	–	–
12	AS REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
13	1	GROUND BAR, 6 TAPS,	ILSCO	0167–6

FUSE SCHEDULE

TB	IDENTIFIER	RATED CURRENT
TB01	F1	0.2A FAST ACTING
	F2	0.2A FAST ACTING

REFERENCE DRAWINGS	DESCRIPTION
1–0102–AILD–S414	LOOP DIAGRAM, SLUDGE HOLDING TANKS HIGH ALARM

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	SSB	TMC

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: S. BOGHOSIAN	CHECKED BY: T. CHURCH
DRAWN BY: S. BOGHOSIAN	APPROVED BY: E. RYCZKOWSKI
SCALE: 1:3	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2016/07/06	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
T.M. CHURCH
Member 32682
REGISTERED PROFESSIONAL ENGINEER
Apr. 5, 2017

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–D830 SLUDGE HOLDING TANKS HIGH LEVEL INTERLOCKS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0102–ACBD–D071	001	00	A1

LAST SAVE: 2017/04/01 – 10:15am
PATH: C:\pw_workdir\ch2mhill_wbg\sh04326A\d0356273\1–0102–ACBD–D071.dwg

PLOT DATE: Apr 01, 2017 – 10:15am

FILE NAME:1–0102–ACBD–D071.dwg