A1 SIZE – 594mm x 841mm

## FUSE SCHEDULE

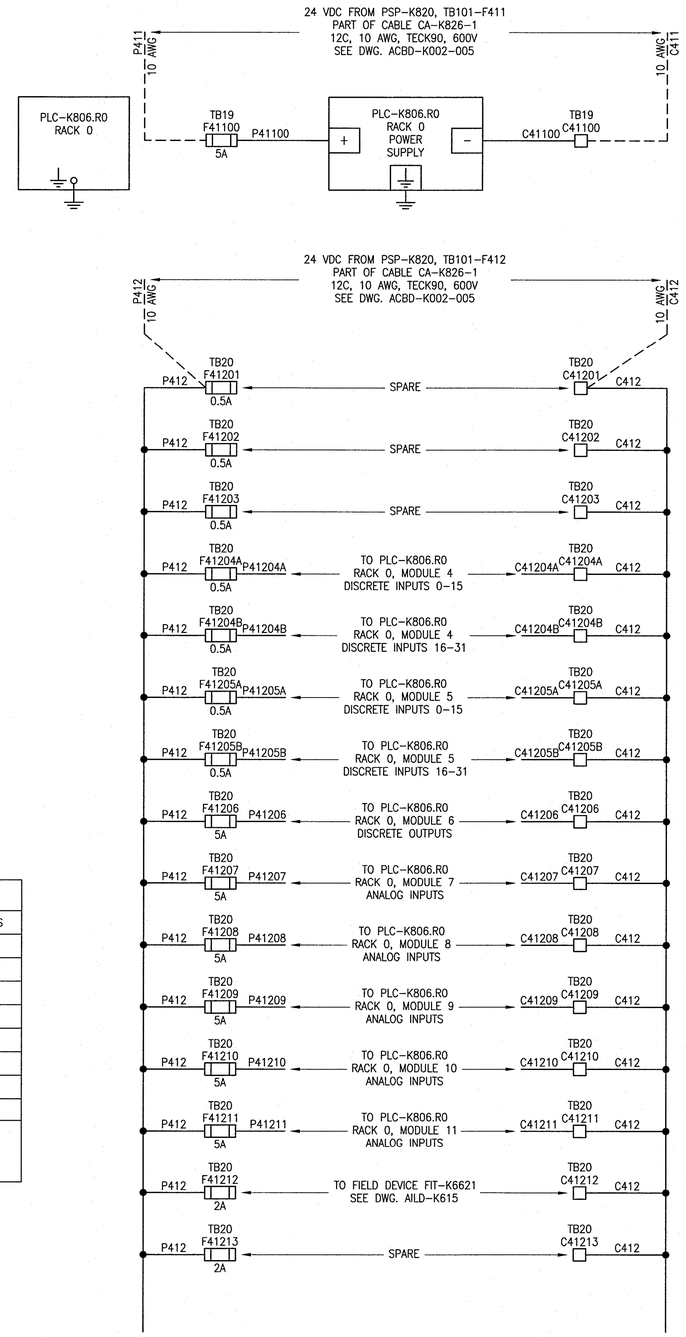
| TB | IDENTIFIER | SIZE | RATING |
|---|---|---|---|
| TB19 | F41100 | 5x20mm | 5A TD |
| | F42100 | 5x20mm | 5A TD |
| | F42301 | 5x20mm | 1A FA |
| | F42302 | 5x20mm | 1A FA |
| | F42303 | 5x20mm | 1A FA |
| TB20 | F41201 | 5x20mm | 0.5A FA |
| | F41202 | 5x20mm | 0.5A FA |
| | F41203 | 5x20mm | 0.5A FA |
| | F41204A | 5x20mm | 0.5A FA |
| | F41204B | 5x20mm | 0.5A FA |
| | F41205A | 5x20mm | 0.5A FA |
| | F41205B | 5x20mm | 0.5A FA |
| | F41206 | 5x20mm | 5A FA |
| | F41207 | 5x20mm | 5A FA |
| | F41208 | 5x20mm | 5A FA |
| | F41209 | 5x20mm | 5A FA |
| | F41210 | 5x20mm | 5A FA |
| | F41211 | 5x20mm | 5A FA |
| | F41212 | 5x20mm | 2A TD |
| | F41213 | 5x20mm | 2A TD |
| TB21 | F42210 | 5x20mm | 5A FA |
| | F42211 | 5x20mm | 5A FA |
| | F42212 | 5x20mm | 5A FA |
| | F42213 | 5x20mm | 5A FA |
| | F42214 | 5x20mm | 5A FA |
| | F42215 | 5x20mm | 5A FA |

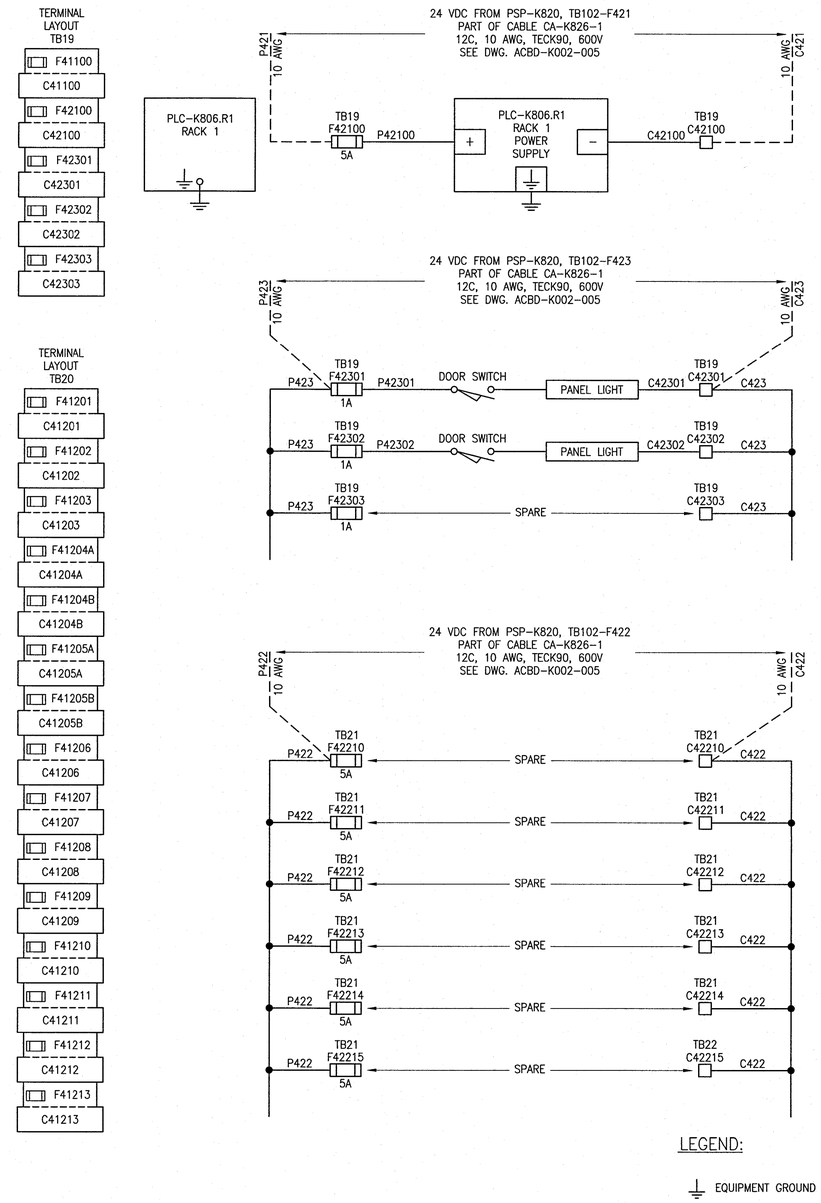
NOTES
FA = FAST ACTING
TD = TIME DELAY

## RM03 POWER CONSUMPTION SCHEDULE AT 24 VDC

| LOAD | QTY. | CURRENT (mA) | SUBTOTAL (mA) | NOTES |
|---|---|---|---|---|
| PLC-K806.R0 | 1 | 1650 | 1650 | 1 |
| PLC-K806.R1 | 1 | 1650 | 1650 | 1 |
| DISCRETE INPUTS | 64 | 2.5 | 160 | 2 |
| DISCRETE OUTPUTS | 16 | 50 | 800 | 3 |
| ANALOG INPUTS | 40 | 20 | 800 | 2 |
| FIT-K6621 | 1 | 380 | 380 | 2 |
| LED24V15 | 2 | 500 | 1000 | 2 |
| TOTAL | | | 6440 | |

NOTES
1. BASED ON MAXIMUM SUPPLY CURRENT ON POWER SUPPLY DATA SHEET.
2. BASED ON DATA SHEET.
3. ESTIMATED.




LEGEND:

⏚ EQUIPMENT GROUND

| REFERENCE DRAWINGS | DESCRIPTION |
|---|---|
| – | – |

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. SNC·LAVALIN KGS GROUP CONSULTING ENGINEERS

| | |
|---|---|
| DESIGNED BY: M. WANG | CHECKED BY: P. CHICATUN |
| DRAWN BY: MJ. PERSSON | APPROVED BY: E. RYCZKOWSKI |
| SCALE: NTS | ISSUED FOR CONSTRUCTION BY: J. SHUMKA |
| DATE: 2015/08/04 | DATE: 2017/04/05 |
| CONSULTANT NO.: 474248 | |

ENGINEER'S SEAL
PROVINCE OF MANITOBA
CHICATUN Member 30307
REGISTERED PROFESSIONAL ENGINEER
APR. 4, 2017 REV. 00

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
AUTOMATION – POWER DISTRIBUTION SCHEMATIC
HIGH RATE CLARIFICATION BUILDING
CP-K826, HVAC PLC CABINET – PLC-K806

| CITY DRAWING NUMBER | SHEET | REV. | SIZE |
|---|---|---|---|
| 1-0102-ACBD-K032 | 001 | 00 | A1 |

LAST SAVE: 2017/04/01 – 10:25am
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0356273\1-0102-ACBD-K032.dwg

PLOT DATE: Apr 01, 2017 – 10:25am
FILE NAME: 1-0102-ACBD-K032.dwg