| | FUSE SCHEDULE | | | | | |
|---------------|---------------|--------|---------------|--|--|--|
| TB IDENTIFIER | | SIZE | RATED CURRENT | | | |
| | F50 | 5x20mm | 2A | | | |
| | F51 | 5x20mm | 0.5A | | | |
| | F52 | 5x20mm | 1A | | | |
| TB20 | F53 | 5x20mm | 0.5A | | | |
| | F54 | 5x20mm | 0.5A | | | |
| | F55 | 5x20mm | 0.5A | | | |
| | F56 | 5x20mm | 0.5A | | | |
| | F30 | 5x20mm | 0.5A | | | |
| TB21 | F31 | 5x20mm | 0.5A | | | |
| | F32 | 5x20mm | 0.5A | | | |
| | F40 | 5x20mm | 0.5A | | | |
| | F41 | 5x20mm | 0.5A | | | |
| | F42 | 5x20mm | 0.5A | | | |
| TB22 | F43 | 5x20mm | 0.5A | | | |
| | F44 | 5x20mm | 0.5A | | | |
| | F45 | 5x20mm | 0.5A | | | |
| | F46 | 5x20mm | 0.5A | | | |

POWER CONSUMPTION SCHEDULE AT 24 VDC

8

DISCRETE INPUTS

DISCRETE OUTPUTS

DISCRETE OUTPUTS

ANALOG INPUTS

PLC-G11

TOTAL

NSW-LCP-G2

CURRENT (mA)

3.5

50

20

1333

92

SUBTOTAL (mA)

224

400

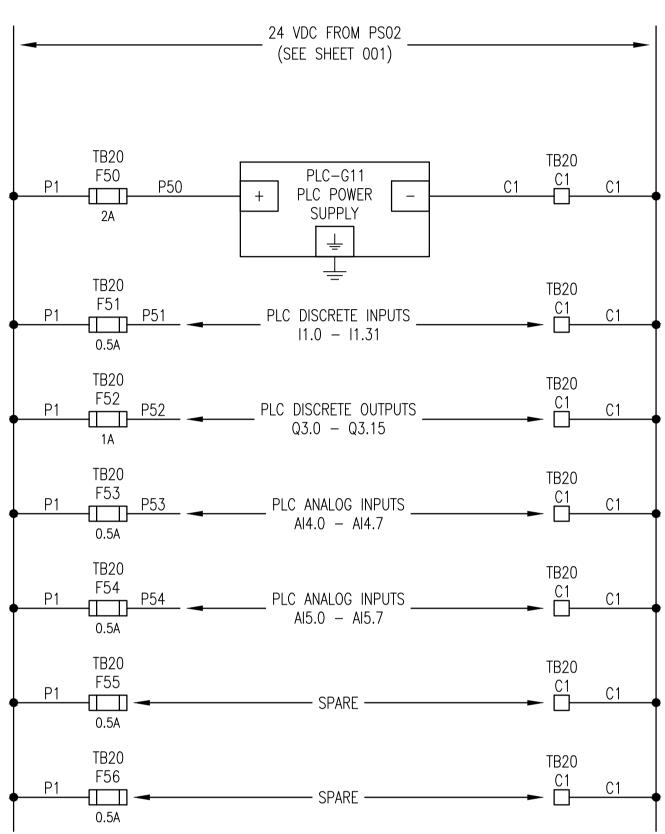
72

160

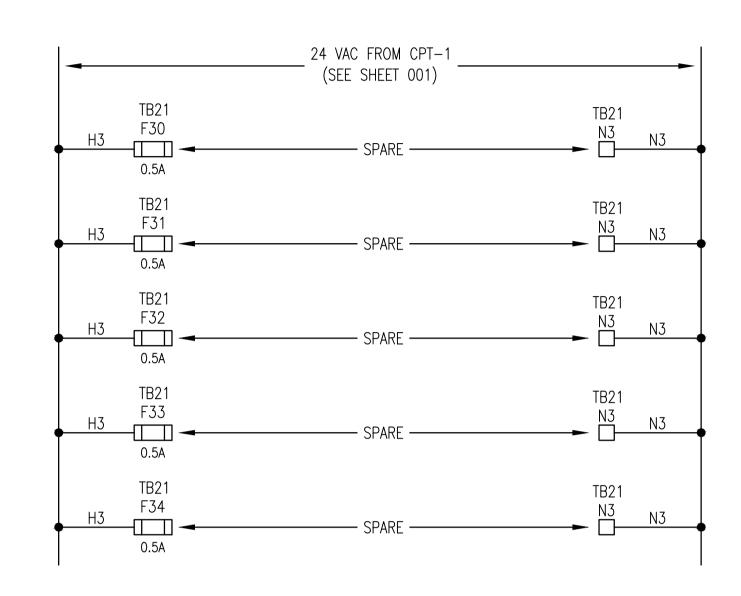
1333

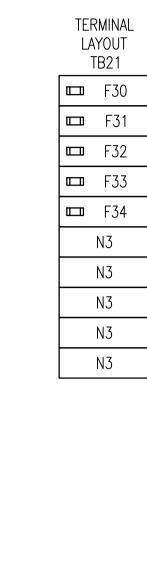
92

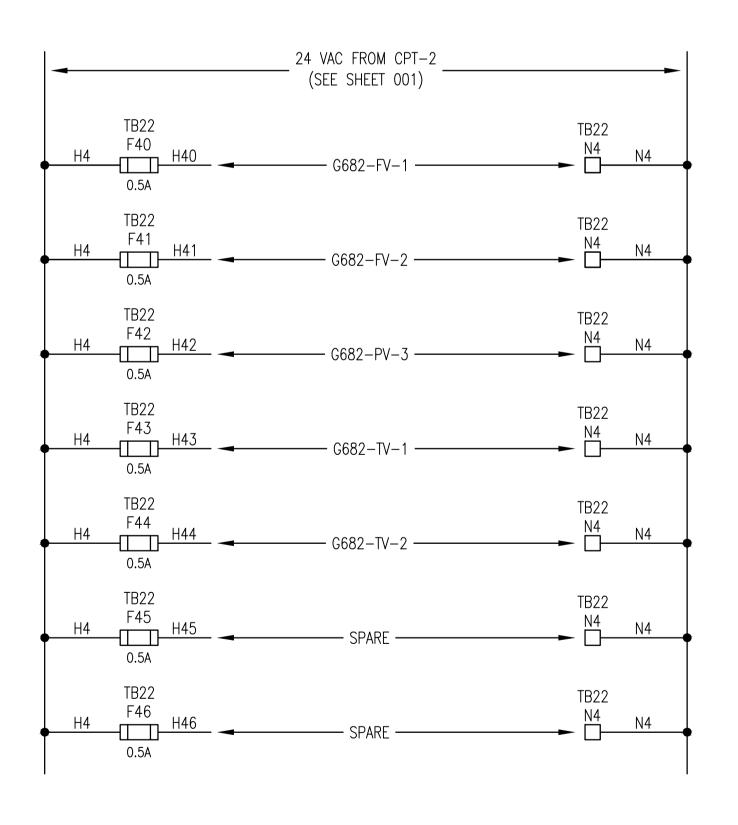
2281



| - | | 24 VDC FROM PS02 (SEE SHEET 001) | - |
|----|----------------------------------|---|------------------|
| | | (====================================== | |
| P1 | TB20 F50 P50 2A | PLC-G11 + PLC POWER - SUPPLY | TB20 C1 C1 C1 |
| P1 | TB20 F51 P51 ■ 0.5A | PLC DISCRETE INPUTS I1.0 - I1.31 | TB20 C1 C1 |
| P1 | TB20 F52 P52 1A | PLC DISCRETE OUTPUTS Q3.0 — Q3.15 | TB20 С1 С1 |
| P1 | TB20 F53 P53 0.5A | PLC ANALOG INPUTS AI4.0 — AI4.7 | TB20 C1 C1 |
| P1 | TB20 F54 P54 0.5A | PLC ANALOG INPUTS Al5.0 — Al5.7 | TB20 C1 C1 |
| P1 | TB20 F55 —☐☐☐ 0.5A | SPARE | TB20 C1 C1 |
| P1 | TB20 F56 —☐☐ — | —————————————————————————————————————— | TB20 C1 C1 |







| TERMINAL LAYOUT TB22 | | | |
|----------------------------|-----|--|--|
| П | F40 | | |
| П | F41 | | |
| П | F42 | | |
| П | F43 | | |
| | F44 | | |
| | F45 | | |
| | F46 | | |
| | N4 | | |
| N4 | | | |
| | N4 | | |
| | | | |

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

TERMINAL LAYOUT TB20

□ F50

□ F51

□ F52

□ F53

□□ F54

□ F55

□ F56

C1

C1

C1

C1

C1

C1

C1

| | | | | | •)) | SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 | ENGINEER'S SEAL |
|-----|--------------------------------------|------------|--------|-------|---------------------------|--|-----------------|
| | | | | | ^ | 204-786-8080 | |
| | | | | | DESIGNED BY: T. CHURCH | CHECKED BY: C. REIMER | |
| | | | | | DRAWN BY: | APPROVED BY: | |
| | | | | | MJ. PERSSON SCALE: | C. REIMER RELEASED FOR CONSTRUCTION | |
| | | | | | NIS | BY: N. HARRINGTON | |
| 01 | ISSUED FOR TENDER, BID OPP. 42-2013 | 2013/01/15 | TMC | CJR | DATE: 2012/01/31 | DATE: 2012/08/31 | |
| 00 | ISSUED FOR TENDER, BID OPP. 545-2012 | 2012/08/31 | TMC | CJR | CONSULTANT NO.: | 0116 49DD 0100 | |
| NO. | REVISIONS | DATE | DESIGN | CHECK | 112577-0116-48DD-0109 | | |

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE VENTILATION & MISC UPGRADES POWER DISTRIBUTION SCHEMATIC LCP-G2

SHEET REV. SIZE 002 01 A1 CITY DRAWING NUMBER 1-0102G-A0108

1-0102G-A0108-002-01.dwg