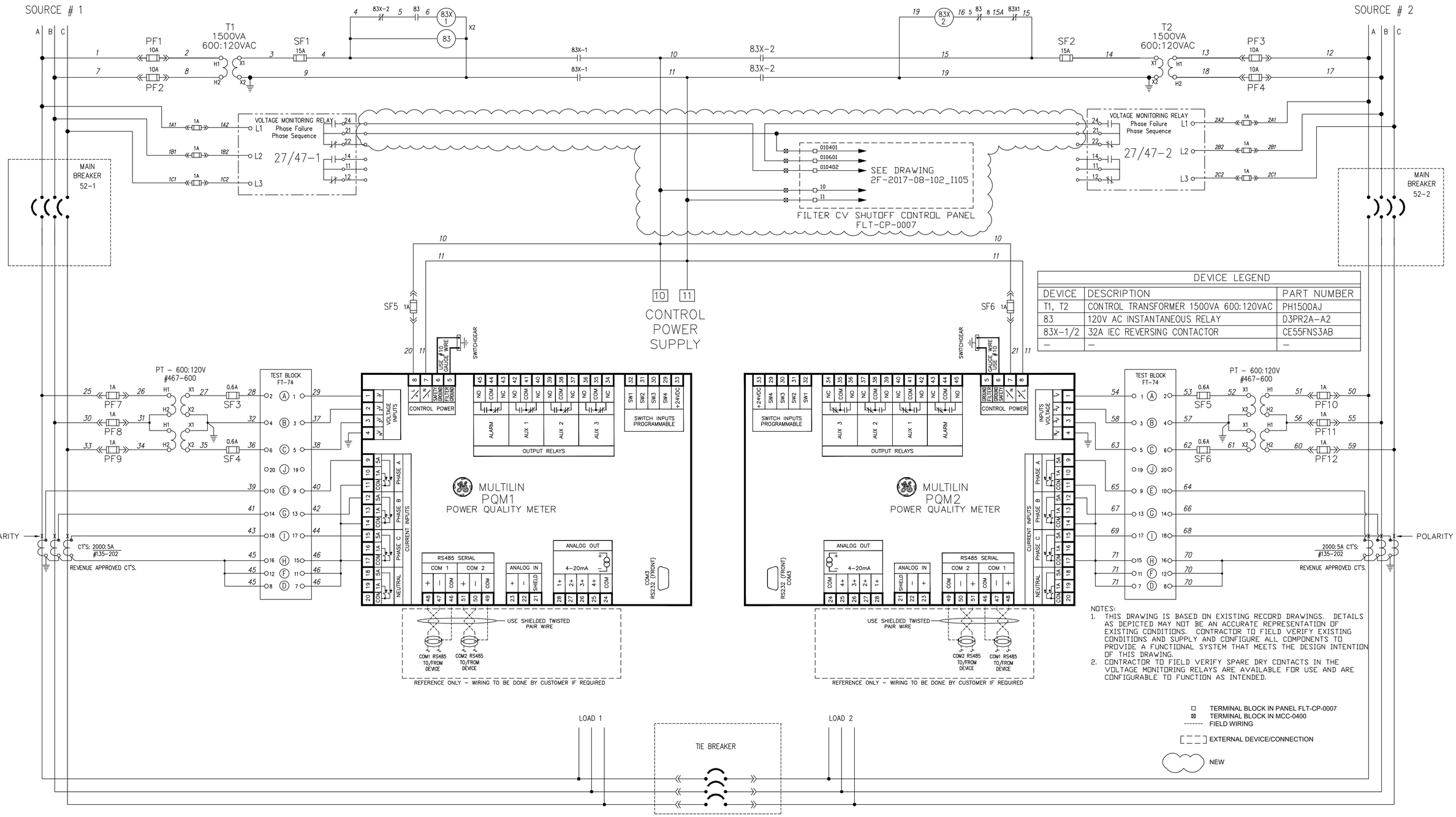


| DEVICE LEGEND | | |
|---|---|---|
| DEVICE | DESCRIPTION | PART NUMBER |
| T1, T2 | CONTROL TRANSFORMER 1500VA 600:120VAC | PH1500AJ |
| 83 | 120V AC INSTANTANEOUS RELAY | D3PR2A–A2 |
| 83X–1/2 | 32A IEC REVERSING CONTACTOR | CE55FNS3AB |
| – | – | – |

NOTES:
1. THIS DRAWING IS BASED ON EXISTING RECORD DRAWINGS. DETAILS AS DEPICTED MAY NOT BE AN ACCURATE REPRESENTATION OF EXISTING CONDITIONS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SUPPLY AND CONFIGURE ALL COMPONENTS TO PROVIDE A FUNCTIONAL SYSTEM THAT MEETS THE DESIGN INTENTION OF THIS DRAWING.
2. CONTRACTOR TO FIELD VERIFY SPARE DRY CONTACTS IN THE VOLTAGE MONITORING RELAYS ARE AVAILABLE FOR USE AND ARE CONFIGURABLE TO FUNCTION AS INTENDED.

□ TERMINAL BLOCK IN PANEL FLT-CP-0007
⊠ TERMINAL BLOCK IN MCC-0400
------ FIELD WIRING
[ ] EXTERNAL DEVICE/CONNECTION
NEW

Toronto Water

ARCADIS
100-175 GALAXY BOULEVARD
TORONTO, ONTARIO, M9W 0C9
TEL 416 679 1930 FAX 416 675 4620
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ARCADIS Professional Services (Canada) Inc.

| NO. | DATE | REVISIONS | INITIAL | SIGNED |
|---|---|---|---|---|
| B | 2025-06-10 | ISSUED FOR ADDENDUM #1 | C.H. | |
| A | 2025-03-18 | ISSUED FOR TENDER | C.H. | |

TORONTO WATER
ENGINEERING AND CONSTRUCTION SERVICES

| WILLIAM FERNANDES, P. ENG. | SIMON HOPTON, P. ENG. |
|---|---|
| DIRECTOR, WATER TREATMENT AND SUPPLY | DIRECTOR DESIGN & CONSTRUCTION MAJOR INFRASTRUCTURE |

# R.C. HARRIS WATER TREATMENT PLANT

## INSTALLATION OF A STANDBY GENERATOR FOR CRITICAL LOADS

### MCC-0400 WIRING DETAIL

INSTRUMENTATION

| DESIGN: | M.D. | DRAFTING: | M.D. | CHECK: | J.G.C. | CONTRACT No. | 25ECS-MI-03HA |
|---|---|---|---|---|---|---|---|
| SCALE: | N.T.S. | | | DRAWING NUMBER: | 2F-2017-08-98 | | I103 |
| DATE: | 2024-09-30 | | | | | | |

Drawing: J:\M16-0273 TOR_HARRISWTP-STANDBYGENERATOR\500_CAD\401-CAD\1-SS OR BU\SHEET\7 I&C\UPS AND FILTER CV SHUTDOWN\2F-2017-08-100_I103 MCC-0400 WIRING DETAIL.DWG
Layout: Tab: I103
Date: 06/12/2025 Time: 03:15:37 PM