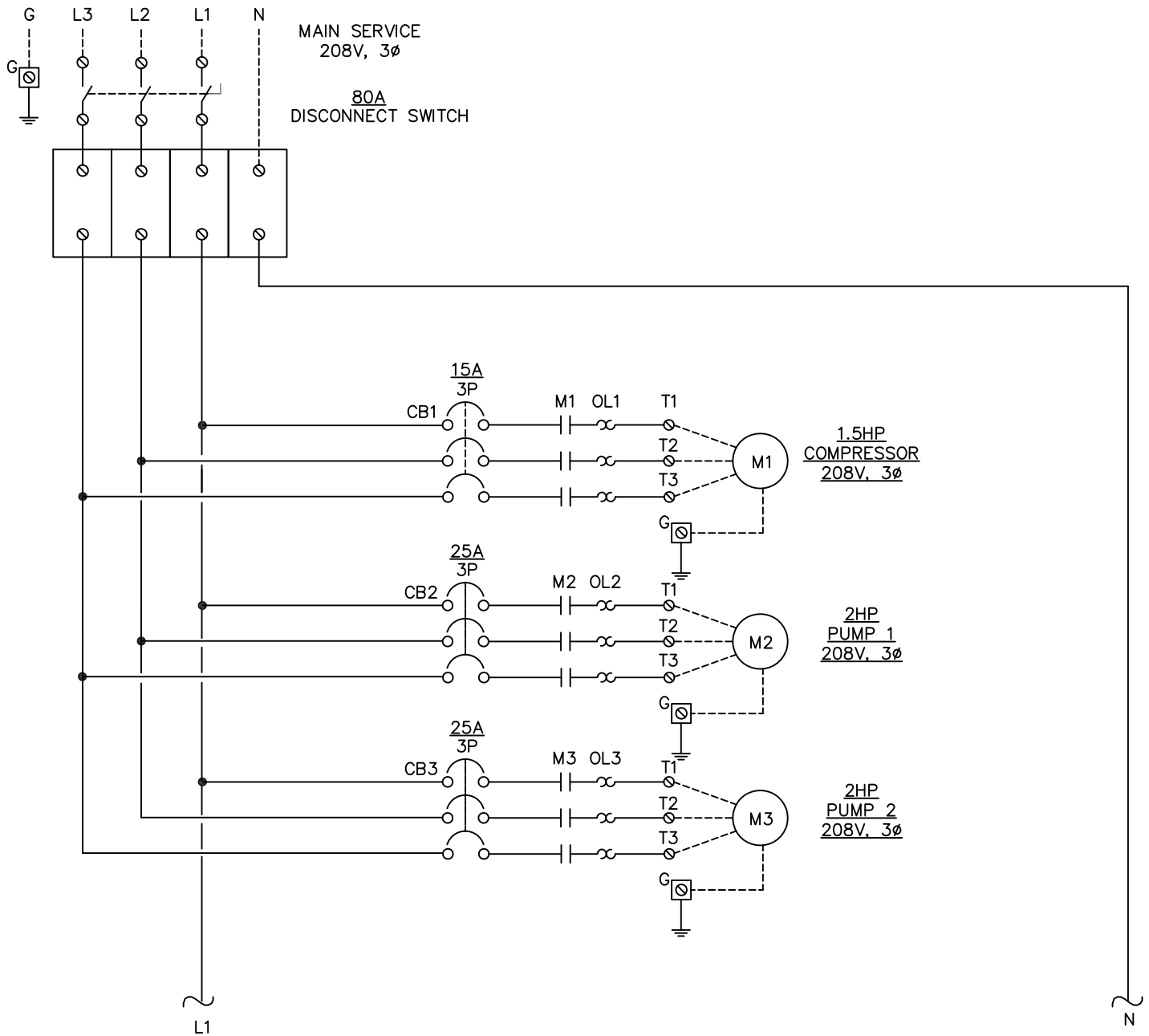

COX

Research and Technology, Inc.

NUTRI-CLEAR EFFLUENT
CONTROL PANEL

Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP-1777



PROGRAM:
NUTRI-CLEAR WITH PUMPS
NC1777-V2.0
8/12/04

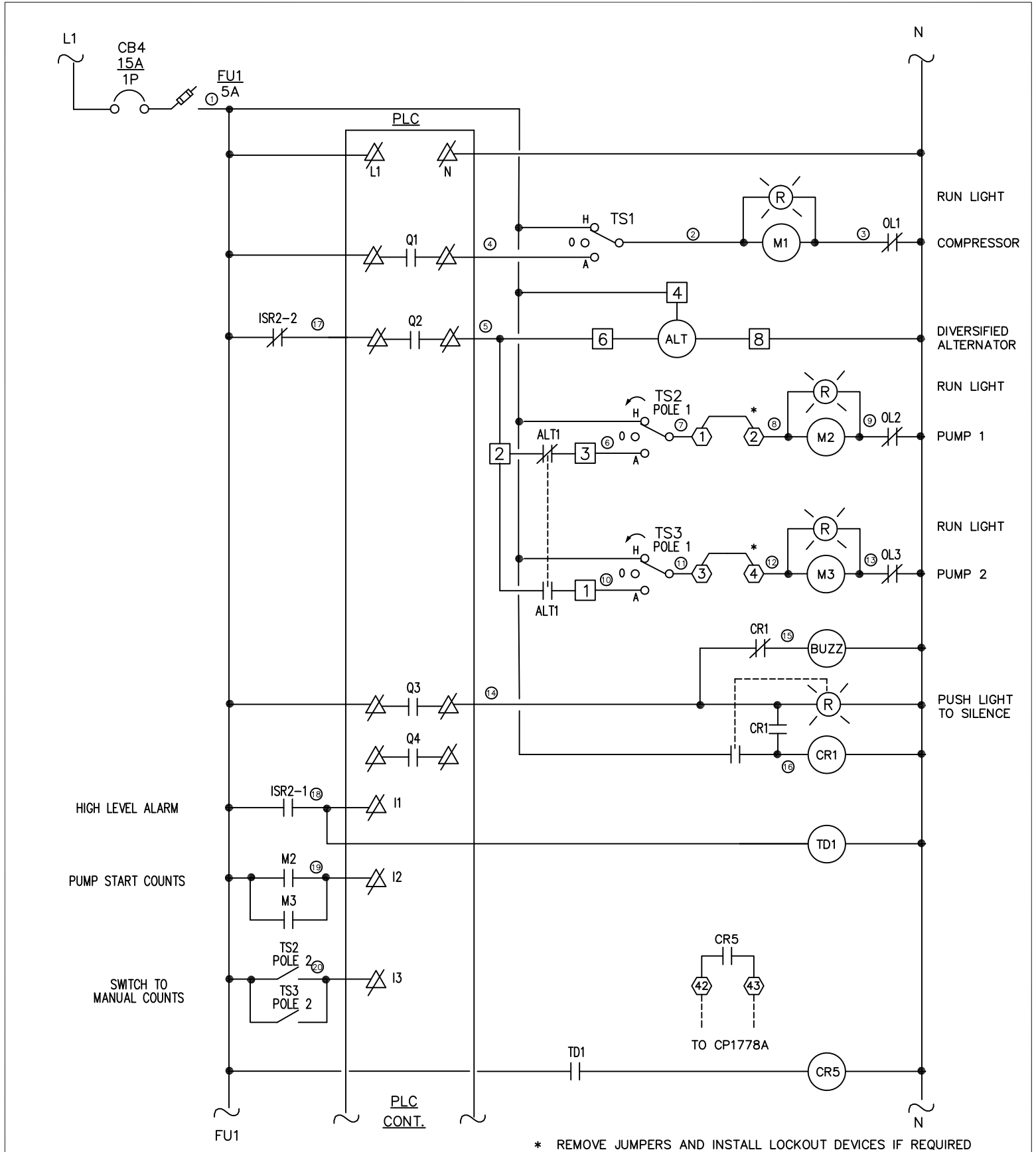
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| Drawing Title | | | | | | | |
| POWER DIAGRAM | | 1 | | REVISION | | 8/13/04 | |
| DATE | | REFERENCE DRAWING | | NO. | | REVISION-LOCATION | |
| 4/07/04 | | S/N | | Sales Engineer | | Application Engineer | |
| | | C.C. | | R.C. | | DRAWN | |
| Project Title | | BY | | C. RACHAL | | APPROVED | |
| SCHEMATIC DIAGRAM NUTRI-CLEAR EFFLUENT CONTROL PANEL | | PURCHASE ORDER NUMBER | | BY | | DATE | |
| | | DRAWING NUMBER | | CP-1777 | | SHEET NUMBER | |
| | | | | | | 1 | |

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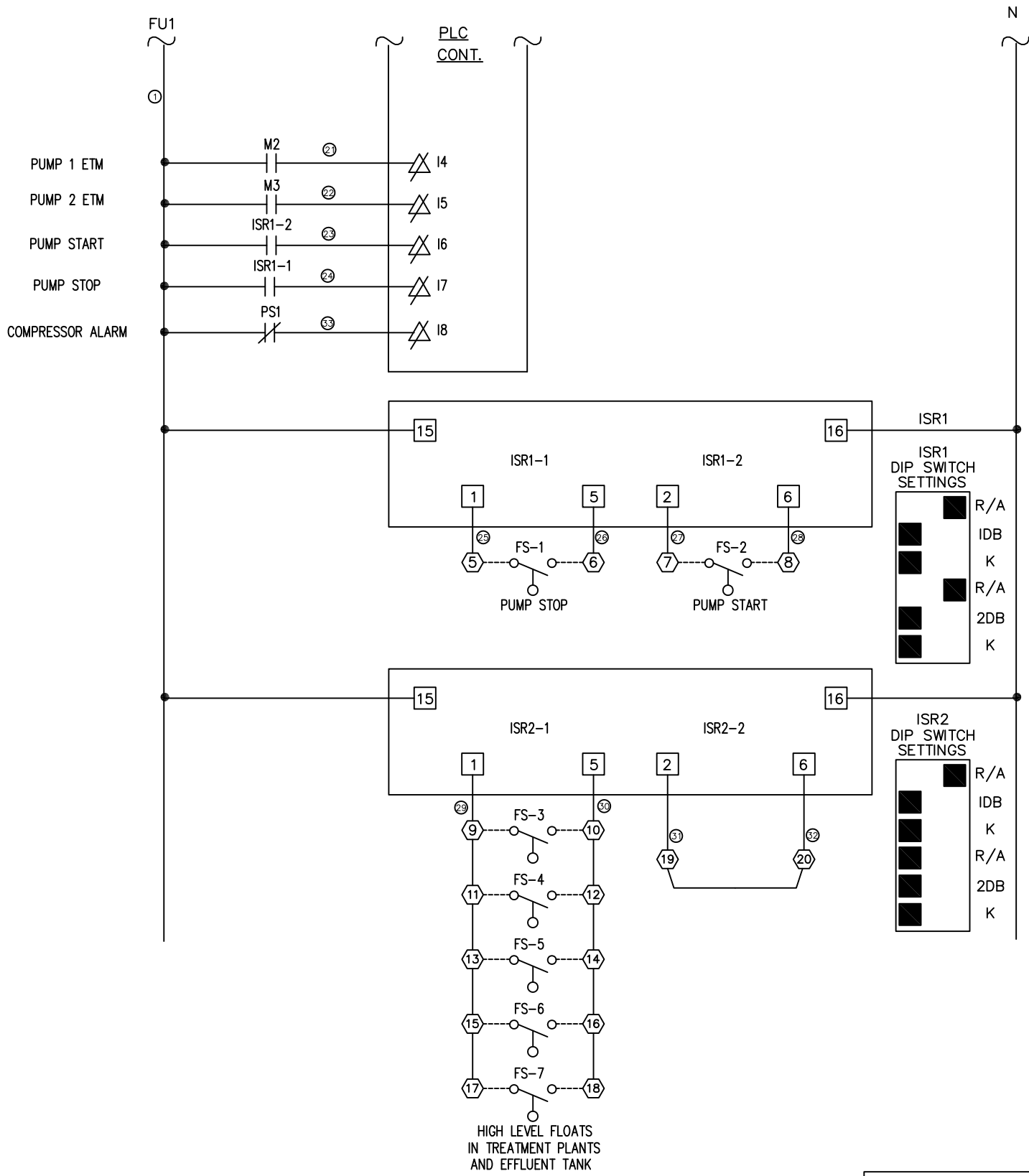
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| Drawing Title | | | | | | | |
| CONTROL DIAGRAM | | 1 | | REVISION | | 8/13/04 | |
| DATE | | REFERENCE DRAWING | | NO. | | REVISION-LOCATION | |
| 4/07/04 | | S/N | | Sales Engineer | | Application Engineer | |
| | | | | C.C. | | R.C. | |
| Project Title | | DRAWN | | BY | | APPROVED | |
| SCHEMATIC DIAGRAM | | BY C. RACHAL | | | | DATE | |
| NUTRI-CLEAR | | | | | | PURCHASE ORDER NUMBER | |
| EFFLUENT | | | | | | DRAWING NUMBER | |
| CONTROL PANEL | | | | | | CP-1777 | |
| | | | | | | SHEET NUMBER | |
| | | | | | | 2 | |

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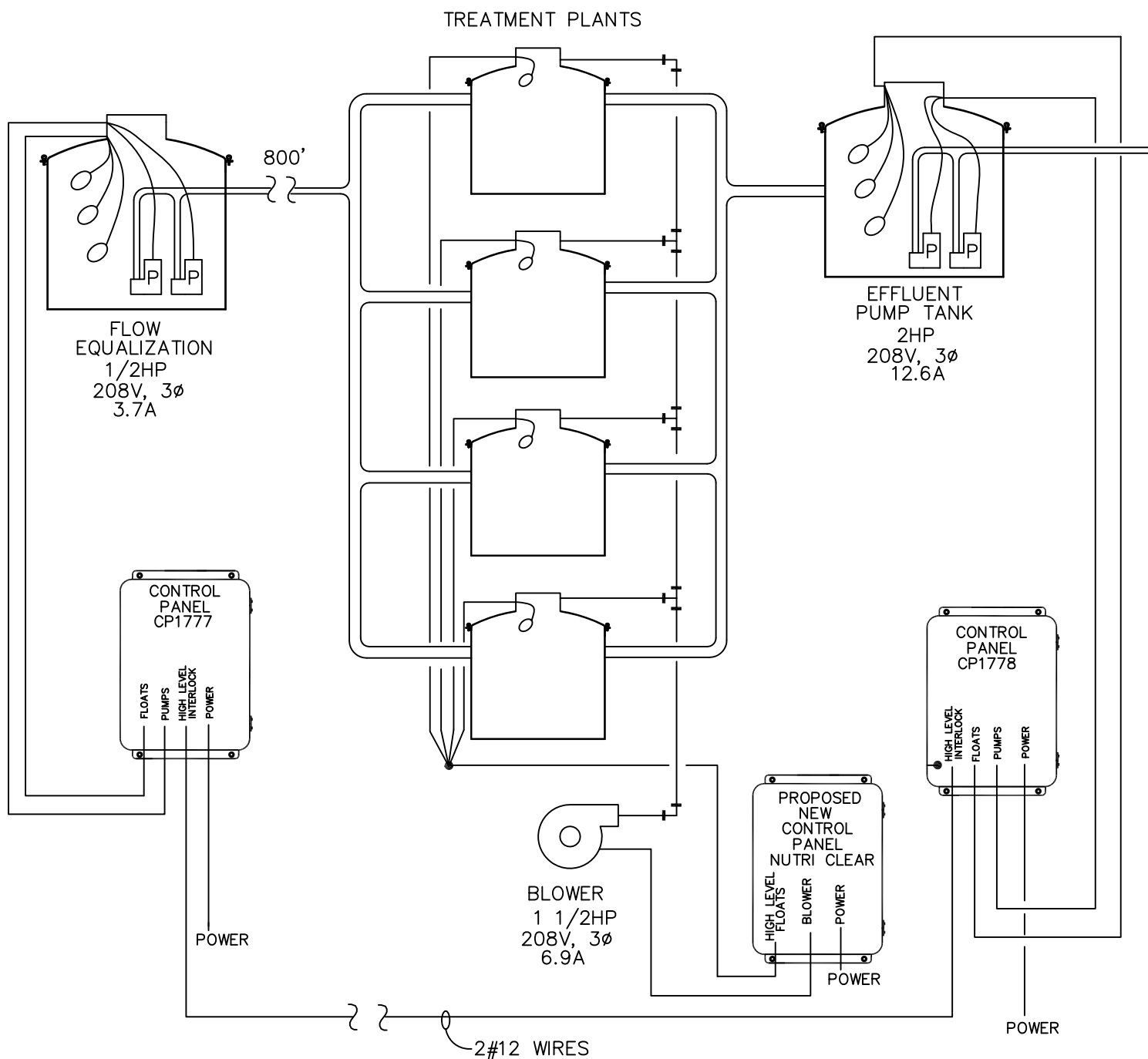
PLC PROGRAM: NC1777-V2.0

| | | |
|--|---|--|
| | Drawing Title | |
|--|---|--|

BILL OF MATERIAL

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|---------------------|--------------------|
| 1 | 1 | STAHLIN | RJ1816HPL | ENCLOSURE |
| 2 | 1 | STAHLIN | BP1816AL | BACKPLATE |
| 3 | 3 | SQUARE D | QOU315 | CB1,2,3 |
| 4 | 3 | ABB | A16-30-10-84 | M1,2,3 |
| 5 | 1 | ABB | TA25DU8.0 | OL1 (6.0-8.5) |
| 6 | 2 | ABB | TA25DU4.0 | OL2,3 (2.8-4.0) |
| 7 | 1 | MARATHON | 1323580 | DISTRIBUTION BLOCK |
| 8 | 1 | MARATHON | 1321580 | NEUTRAL BLOCK |
| 9 | 1 | SQUARE D | QOU115 | CB4 |
| 10 | 1 | SIEMENS | LOGO | PLC |
| 11 | 1 | DIVERSIFIED | ARB-120-ADA | ALTERNATOR |
| 12 | 3 | | | TOGGLE SWITCHES |
| 13 | 2 | ACI | JR22FR | RED PILOT LIGHT |
| 14 | 1 | ACI | JR22BL11R | PTT LIGHT |
| 15 | 1 | US CONT. | | BUZZER |
| 16 | 2 | TURCK | MK13-22EX0-R/115VAC | ISR |
| 17 | 1 | ABB | OT63E3 | DISCONNECT SWITCH |
| 18 | 2 | ACI | JR22P3Y20B | HOA SWITCH 2,3 |
| 19 | 1 | ACI | JR22P3M20B | HOA SWITCH 1 |
| 20 | 2 | OMRON | G2R2SAC120 | RELAY 1,5 |
| 21 | 1 | OMRON | 4KN15 | TIME DELAY RELAY |

| | | | | | | | |
|-----------------|---|---|-------------------------------|------------------------------|--|-----|---|
| | Drawing Title | | | | | | |
| | BILL OF MATERIALS | | | | | | |
| | | | | | | | |
| DATE 8/13/04 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | Application Engineer R.C. | REVISION-LOCATION DRAWN BY C. RACHAL | ECN | DATE |
| | Project Title | <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> COX Research and Technology, Inc. </div> | | | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030 | | PURCHASE ORDER NUMBER DRAWING NUMBER CP-1777 SHEET NUMBER 4 |
| | SCHEMATIC DIAGRAM NUTRI-CLEAR EFFLUENT CONTROL PANEL | | | | | | |



| | | | | | | | | | |
|---------|----------------|-------------------|------------------------|------------------------------|--------------|------|----------------------------------|--|--|
| | Drawing Title | | | | | | | | |
| | SITE LAYOUT | | | | | | | | |
| DATE | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY | | |
| 6/21/04 | | S/N | Sales Engineer C.C. | Application Engineer R.C. | BY C. RACHAL | | APPROVED | | |
| | Project Title | | | | | | PURCHASE ORDER NUMBER | | |
| | GRIFFIN SCHOOL | | | | | | DRAWING NUMBER GRIFFIN SCHOOL | | |
| | | | | | | | SHEET NUMBER | | |

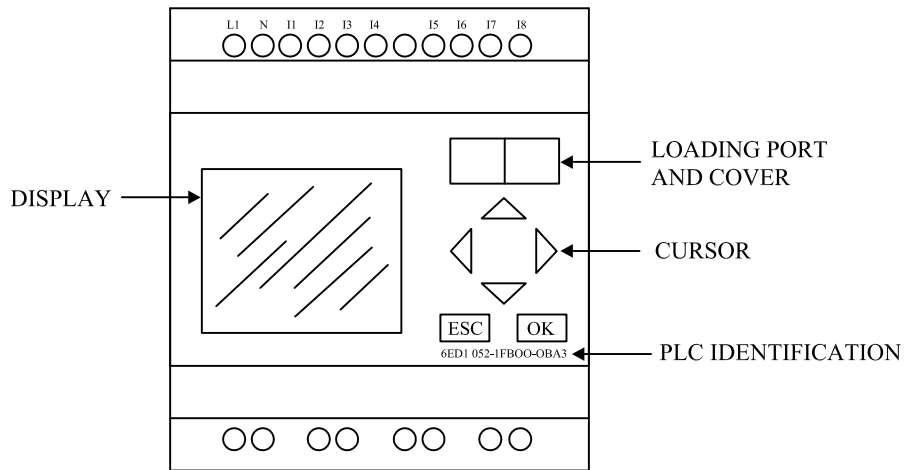
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PLC COMPONENT IDENTIFICATION



FRONT VIEW OF PLC

