
COX

Research and Technology, Inc.

SIMPLEX PUMP CONTROL PANEL ST. AMANT HIGH SCHOOL

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

CP-1771

| | | |
|----------------------------------|-------------|--|
| VOLTAGE | 120/208V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 1/60 | |
| NO. MOTORS | 1 | |
| HP | 2 | |
| FLA | 17 | |
| TYPE OF PUMP | Submersible | (Self-Priming, Submersible) |
| MANUFACTURER | Barnes | |
| CATALOG NUMBER | SGVF 2002L | |
| CONTROL VOLTAGE | 120V | (120V, Other) |
| ENCLOSURE | NEMA 4X | (NEMA 1, NEMA 3R, NEMA 4, NEMA 4X) |
| ENCLOSURE MATERIAL | Fiberglass | (Painted Steel, Stainless Steel, Fiberglass) |
| CONTROL SENSOR | Floats | (Floats, Bubbler, Other) |
| CAPACITORS | | (Yes, No) |
| CAPACITOR WIRING FIGURE | | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

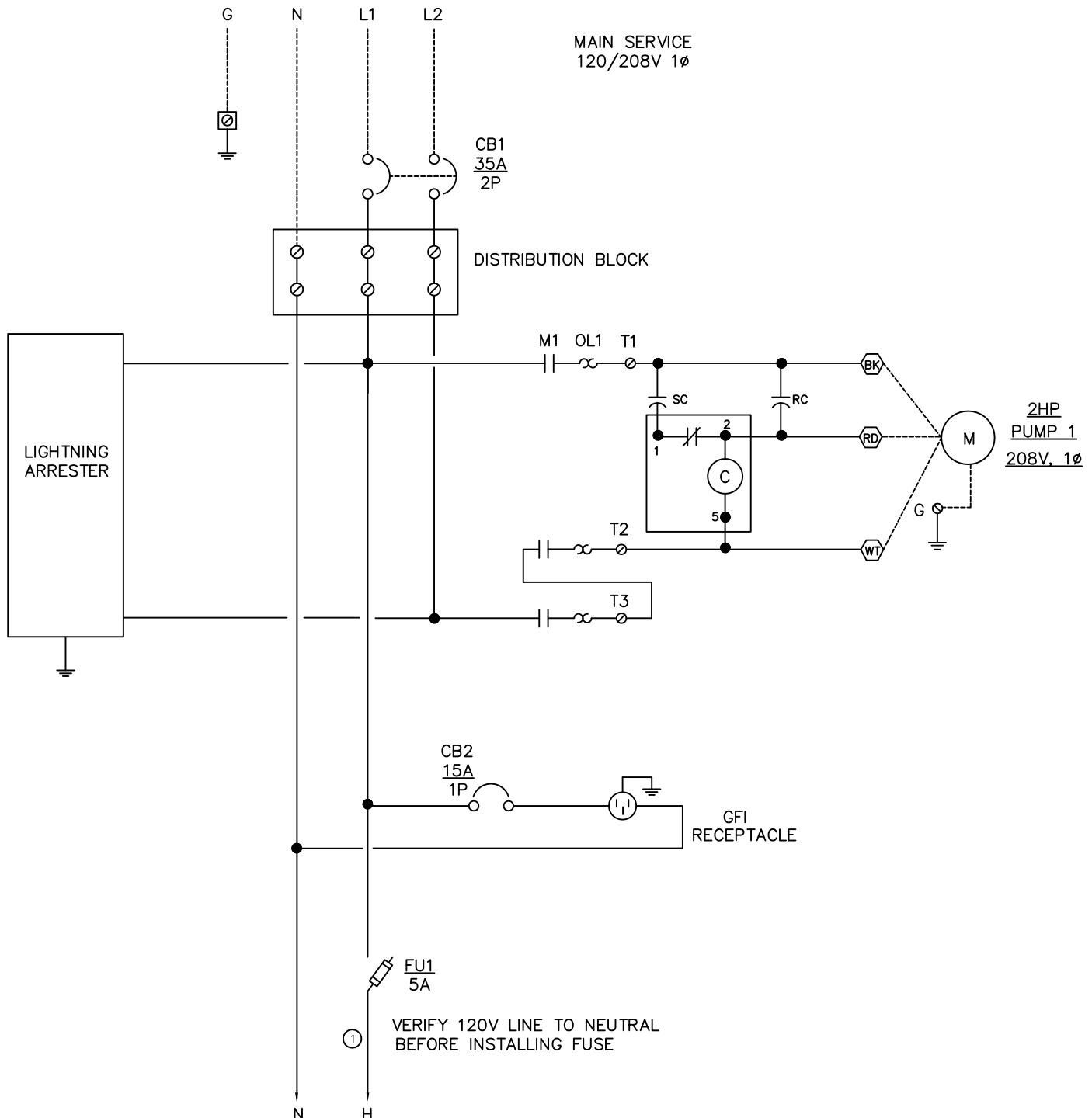
OPTIONS:

| | | |
|----------------------------------|---|----------------------------|
| SEAL FAIL LIGHTS | X | (Submersible Only) |
| SEAL FAIL RELAYS | X | (Submersible Only) |
| SEAL FAIL PUMP SHUTDOWN | | (Submersible Only) |
| HT PUMP SHUTDOWN | X | (Self-Primer, Submersible) |
| ALARM HORN | | |
| ALARM LIGHT | X | |
| LIGHT PANEL MTD | X | |
| LIGHT REMOTE MTD | | |
| LIGHT FLASHER | | |
| LIGHTNING ARRESTER | X | |
| ELAPSED TIME METER | X | |
| PHASE MONITOR | | |
| NEMA RATED STARTERS | | |
| GROUND FAULT RECPT. | X | |
| GREEN RUN LIGHTS VS. RED | | |
| POLE, BOX, SEAL | | |
| INTRINSICALLY SAFE RELAYS | | |
| HIGH TEMP. LOCKOUT, MANUAL RESET | | |
| ECONOMY VERSION | | |

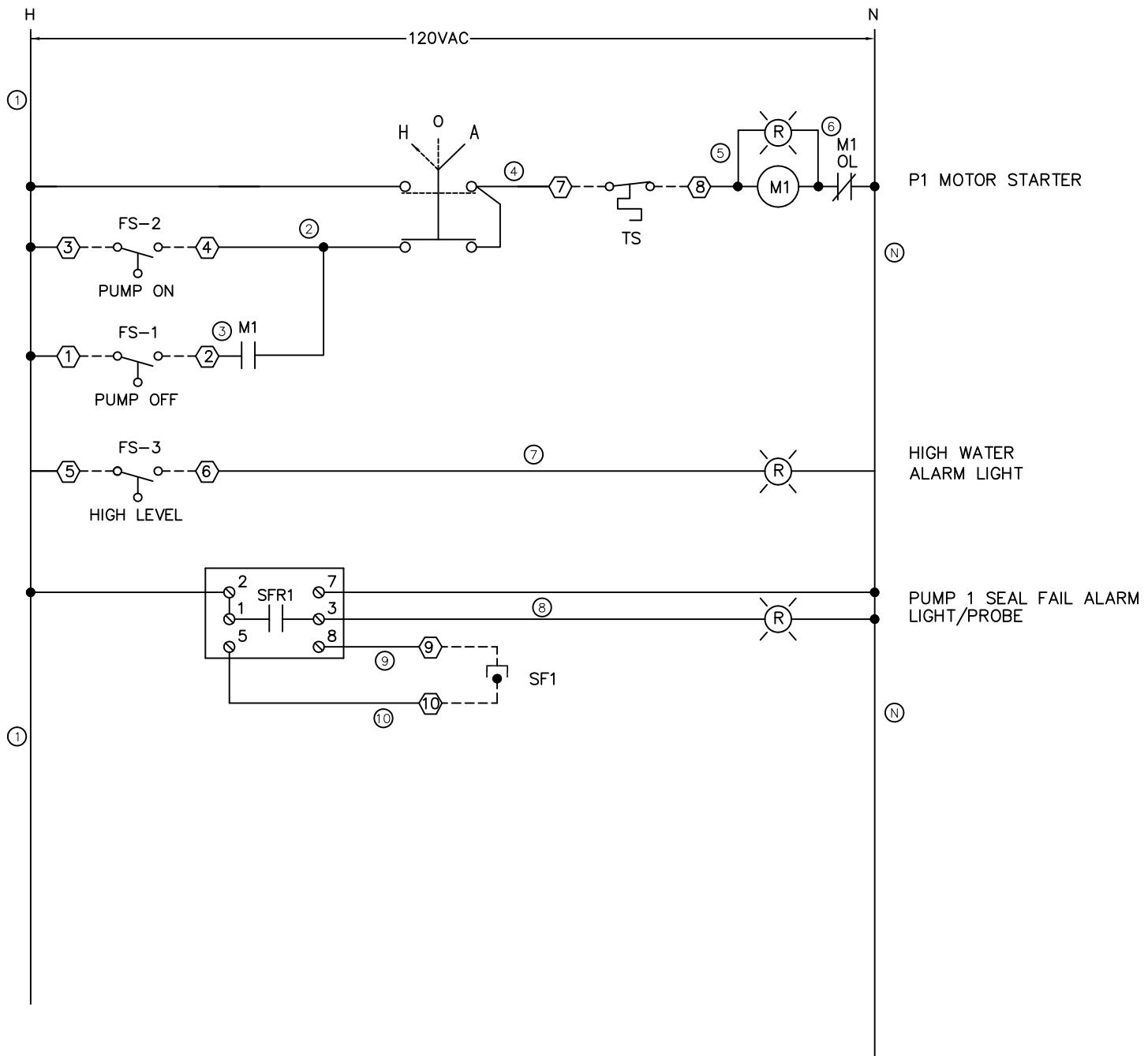
SOLD TO: Delta Process, Denham Springs, LA
TAG : St. Amant High School

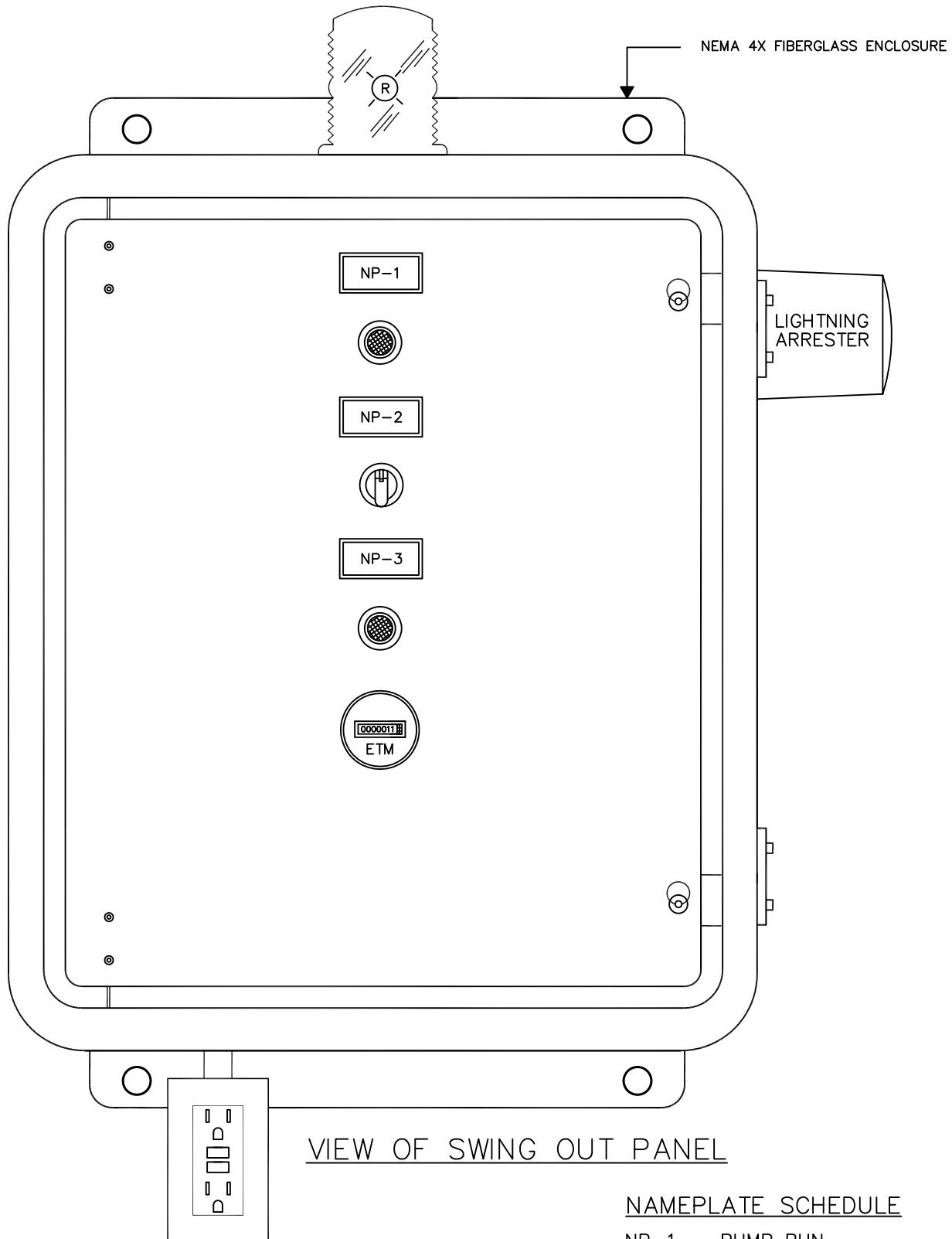
SHIP TO: Delta Process, Ruston, LA

| | Drawing Title PANEL DESCRIPTION | | | | | | | | |
|-----------------|---|--------------------------|-------------|--|-----|-----------------------------|---------------------------|--|--|
| | | REFERENCE DRAWING S/N | NO. C.C. | REVISION-LOCATION DRAWN BY C. RACHAL | ECN | DATE APPROVED BY DATE | | | |
| DATE 3/10/04 | Project Title SIMPLEX CONTROL PANEL | | | P.O. Box 77808 Baton Rouge, LA 70809 | | | PURCHASE ORDER NUMBER | | |
| | | | | Ph. (225)756-3271 Fax (225)756-1030 | | | DRAWING NUMBER CP-1771 | | |
| | | | | | | | SHEET NUMBER 1 | | |



| | | | | | |
|-----------------|---|---|--|---|----------------------------|
| | Drawing Title POWER DIAGRAM | | | | |
| | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION DRAWN BY C. RACHAL | ECN APPROVED BY DATE |
| DATE 3/10/04 | | Application Engineer R.C. | | | |
| | Project Title SIMPLEX CONTROL PANEL | COX Research and Technology, Inc. | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030 | PURCHASE ORDER NUMBER DRAWING NUMBER CP-1771 SHEET NUMBER 2 | |





NOTE:
SEWER GASES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASES.

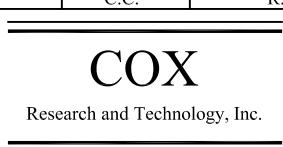
NAMEPLATE SCHEDULE

| | |
|------|-----------|
| NP-1 | PUMP RUN |
| NP-2 | H-O-A |
| NP-3 | SEAL FAIL |

| | Drawing Title | | | | | |
|-----------------|--------------------------|--|----------------------|-----------------------|-----------------------|---------|
| | ENCLOSURE | | | | | |
| | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE BY |
| DATE 3/10/04 | S/N | Sales Engineer | Application Engineer | DRAWN BY C. RACHAL | APPROVED BY | DATE |
| | C.C. | | R.C. | | | |
| | Project Title | <hr/> <hr/> <hr/> COX <hr/> <hr/> | | | PURCHASE ORDER NUMBER | |
| | SIMPLEX CONTROL PANEL | Research and Technology, Inc. | | | DRAWING NUMBER | CP-1771 |
| | | | | | SHEET NUMBER | 4 |

BILL OF MATERIAL

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|--------------|---------------------|
| 1 | 1 | VYNCKIER | VJ1816HWPLDF | ENCLOSURE |
| 1a | 1 | VYNCKIER | MP1816AL | BACKPLATE |
| 2 | 1 | ABB | A26-30-10-84 | MOTOR STARTER |
| 3 | 1 | ABB | TA25DU19 | O.L. RELAY (13-19A) |
| 4 | 1 | SQUARE D | QOU235 | CIRCUIT BREAKER |
| 5 | 2 | ACI | JR22FR | RED PIOLT LIGHT |
| 6 | 1 | ACI | JR22P3M11B | H-O-A SWITCH |
| 7 | 1 | CH | CHSA01 | LIGHTNING ARRESTER |
| 8 | 1 | SSAC | LLC54AA | SEAL FAIL RELAYS |
| 9 | 1 | MARATHON | 1323580 | DISTRIBUTION BLOCK |
| 10 | 1 | STOCK | | GFI |
| 11 | 1 | SQUARE D | QOU115 | CB2 |
| 12 | 1 | AC/DC | BL5R-120 | ALARM LIGHT |
| 13 | | | | |
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|-----------------|--------------------------|--|--|----------------|----------------------|---|----------|------|----|
| | Drawing Title | | | | | | | | |
| | BILL OF MATERIALS | | | | | | | | |
| | | | REFERENCE DRAWING | | NO. | REVISION-LOCATION | ECN | DATE | BY |
| DATE 3/10/04 | | | S/N | Sales Engineer | Application Engineer | DRAWN | APPROVED | | |
| | | | | C.C. | R.C. | BY C. RACHAL | BY | DATE | |
| | Project Title | |  COX Research and Technology, Inc. | | | PURCHASE ORDER NUMBER DRAWING NUMBER CP-1771 SHEET NUMBER 5 | | | |
| | SIMPLEX CONTROL PANEL | | | | | | | | |
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