
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
LA WATER
VERSAILLES

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

CP-2371

| | | |
|----------------|-------------|--|
| VOLTAGE | 120/240V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 1/60 | |
| NO. MOTORS | 2 | |
| HP | 1.5 | |
| FLA | 11 | |
| TYPE OF PUMP | Submersible | (Self-Priming, Submersible) |
| MANUFACTURER | Gould | |
| CATALOG NUMBER | WS1512D3 | |

| | | |
|----------------------------------|-----------------|--|
| CONTROL VOLTAGE | 120V | (120V, Other) |
| ENCLOSURE | NEMA 4X | (NEMA 1, NEMA 3R, NEMA 4, NEMA 4X) |
| ENCLOSURE MATERIAL | Stainless Steel | (Painted Steel, Stainless Steel, Fiberglass) |
| CONTROL SENSOR | Floats | (Floats, Bubbler, Other) |
| CAPACITORS | No | (Yes, No) |
| CAPACITOR WIRING FIGURE | | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

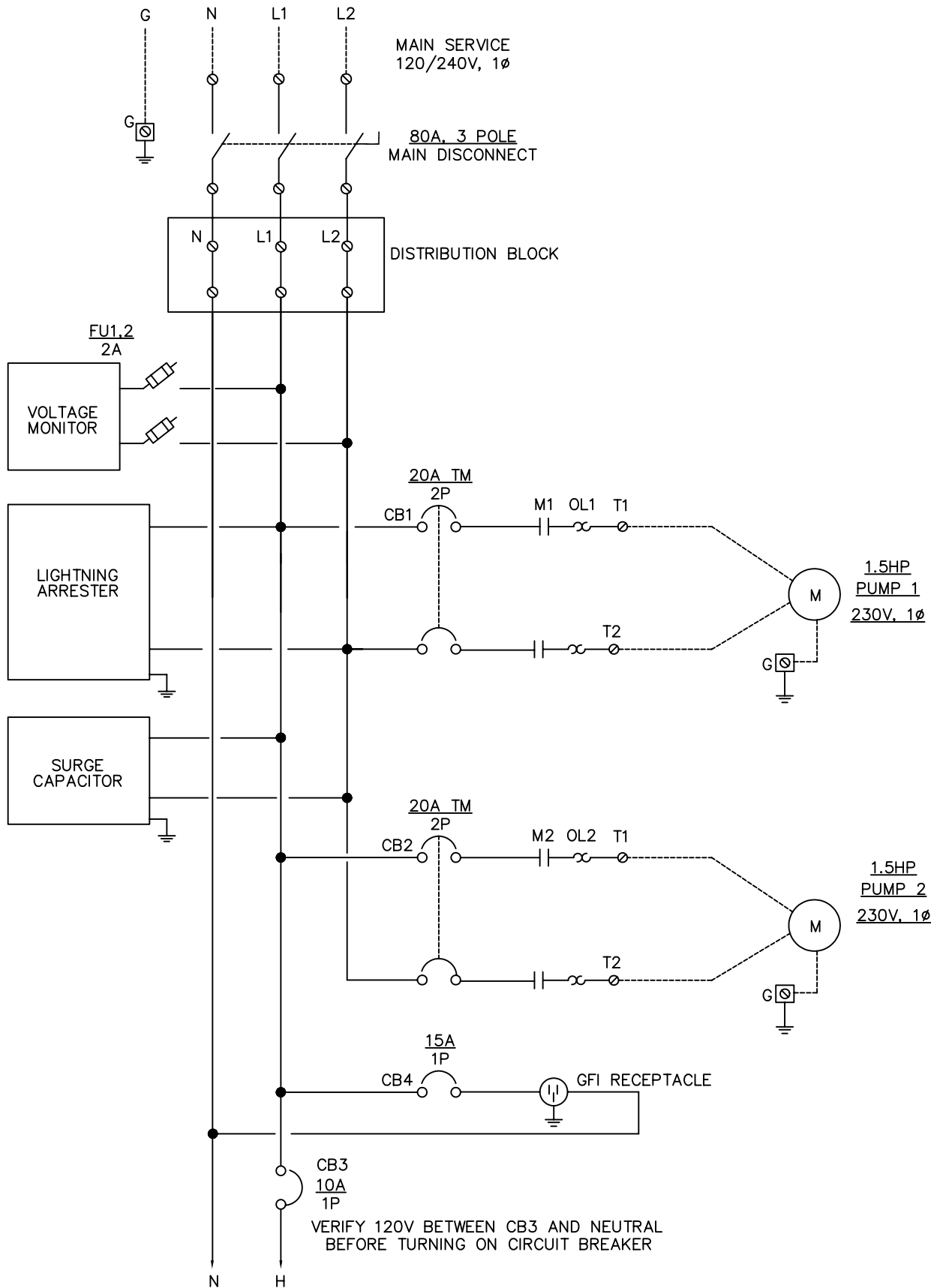
OPTIONS:

| | | |
|----------------------------------|------------|----------------------------|
| SEAL FAIL LIGHTS | X | (Submersible Only) |
| SEAL FAIL RELAYS | | (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 | X | |
| LIGHT FLASHER | X | |
| LIGHTNING ARRESTER | X | |
| ELAPSED TIME METER | X | |
| PHASE MONITOR | | |
| NEMA RATED STARTERS | X Square D | |
| GROUND FAULT RECPT. | X | |
| GREEN RUN LIGHTS VS. RED | | |
| POLE, BOX, SEAL | | |
| INTRINSICALLY SAFE RELAYS | | |
| HIGH TEMP. LOCKOUT, MANUAL RESET | | |
| ECONOMY VERSION | | |

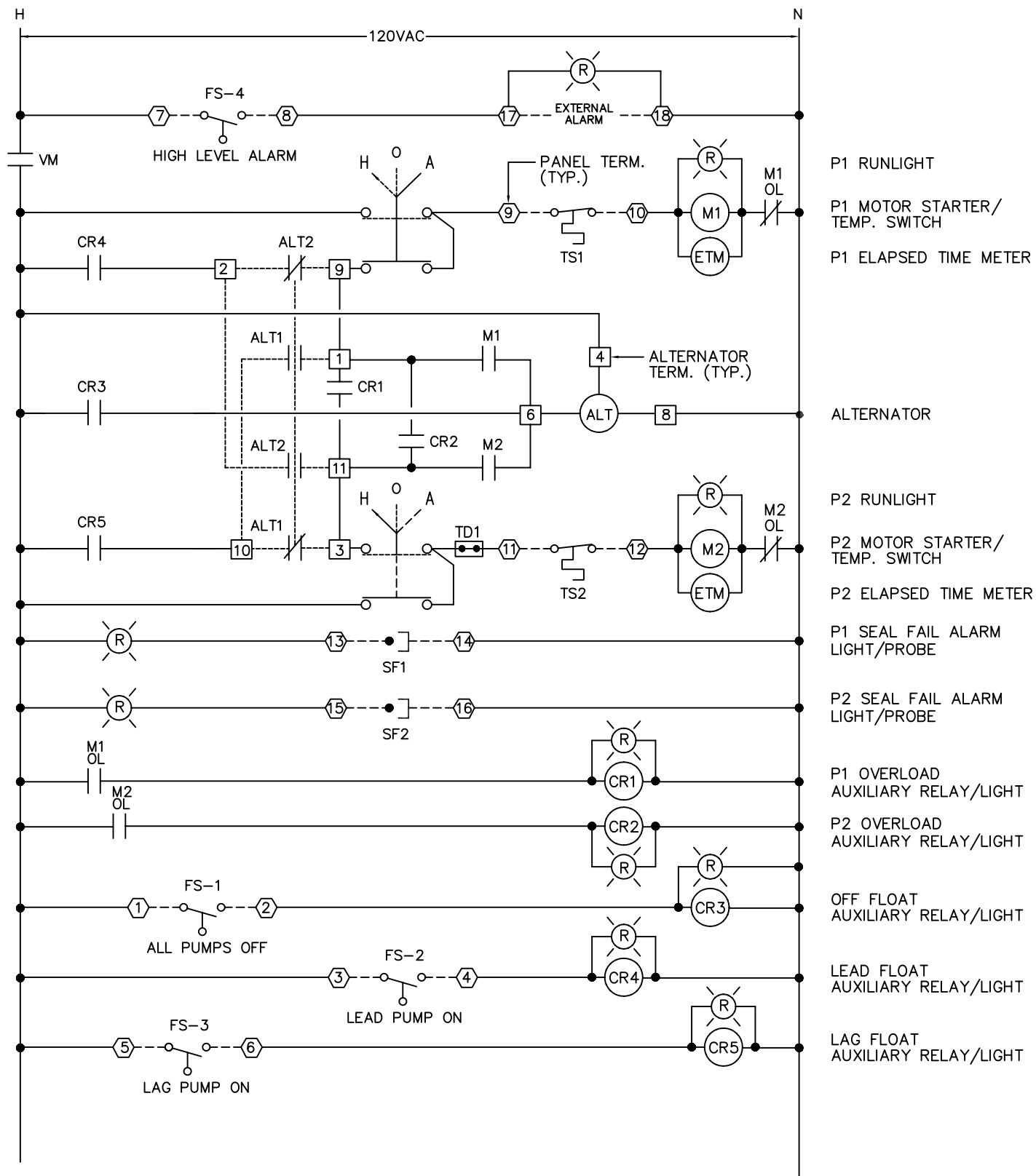
SOLD TO: Delta Process - New Orleans, LA
TAG : La Water Versailles

SHIP TO: Delta Process - Ruston, LA

| | | | | | | | |
|-----------------|------------------------------|--|-------------------------------|---|--|-----|---------------------------|
| | Drawing Title | | | | | | |
| | PANEL DESCRIPTION | | | | | | |
| | | | | | | | |
| DATE 4/27/06 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | DRAWN BY C. RACHAL | ECN | DATE |
| | Project Title | <div>COX</div> Research and Technology, Inc. | | | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030 | | PURCHASE ORDER NUMBER |
| | DUPLEX PUMP CONTROL PANEL | | | | | | DRAWING NUMBER CP-2371 |
| | | | | | | | SHEET NUMBER 1 |



| | | | | | | | | | |
|-----------------|------------------------------|--------------------------------------|-------------------------------|---|--|------|---------------------------|----------|--|
| | Drawing Title | | | | | | | | |
| | POWER DIAGRAM | | | | | | | | |
| DATE 4/27/06 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | ECN | DATE | BY | APPROVED | |
| | Project Title | COX Research and Technology, Inc. | | | P.O. Box 77808 Baton Rouge, LA 70809 | | PURCHASE ORDER NUMBER | | |
| | DUPLEX PUMP CONTROL PANEL | | | | Ph. (225)756-3271 Fax (225)755-1030 | | DRAWING NUMBER CP-2371 | | |
| | | | | | | | SHEET NUMBER 2 | | |



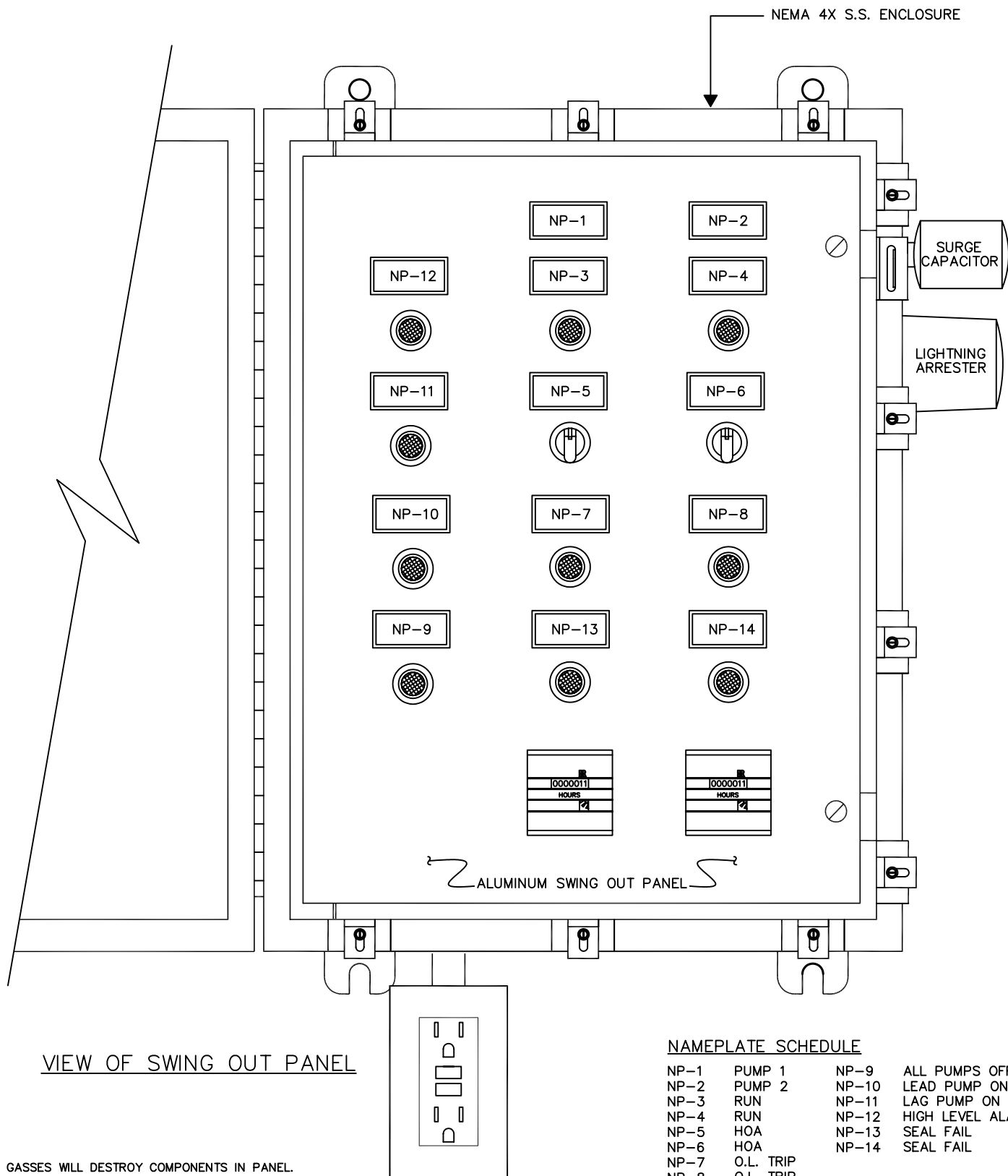
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|------------------------------|-------------------|--|------------------------|------------------------------|--|---------------------------|----------|
| Drawing Title | | | | | | | |
| CONTROL DIAGRAM | | | | | | | |
| DATE 4/27/06 | REFERENCE DRAWING | | NO. | REVISION-LOCATION | | ECN | DATE |
| | S/N | | Sales Engineer C.C. | Application Engineer R.C. | | BY C. RACHAL | APPROVED |
| Project Title | | | | | | PURCHASE ORDER NUMBER | |
| DUPLEX PUMP CONTROL PANEL | | | | | | DRAWING NUMBER CP-2371 | |
| | | | | | | SHEET NUMBER 3 | |

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| | | | | | | | | |
|-----------------|-------------------|--|----------------|--|----------------------|--|-----------------------|------|
| DATE 4/27/06 | Drawing Title | | | | | | | |
| | ENCLOSURE | | | | | | | |
| Project Title | REFERENCE DRAWING | | NO. | | REVISION-LOCATION | | ECN | DATE |
| | S/N | | Sales Engineer | | Application Engineer | | BY | DATE |
| Project Title | C.C. | | R.C. | | DRAWN | | APPROVED | |
| | | | | | BY C. RACHAL | | BY | |
| Project Title | | | | | | | PURCHASE ORDER NUMBER | |
| | | | | | | | DRAWING NUMBER | |
| Project Title | | | | | | | CP-2371 | |
| | | | | | | | SHEET NUMBER | |
| | | | | | | | 4 | |

BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|----------------------|--------------------|
| 1 | 1 | C & I | I-302410ST4X | ENCLOSURE |
| 1a | 1 | C & I | C-3024P | BACKPLATE |
| 1b | 1 | C & I | C-3024SPA | DEAD FRONT |
| 2 | 1 | MARATHON | 1323580 | DISTRIBUTION BLOCK |
| 3 | 2 | SQUARE D | 8536SC01V02 | MOTOR STARTER |
| 4 | 4 | SQUARE D | B15.5 | HEATER PACKS |
| 5 | 2 | SQUARE D | QOU220 | CB1, CB2 |
| 6 | 1 | TIMEMARK | 261DT120 | ALTERNATING RELAY |
| 7 | 10 | ACI | JR22FR | RED PILOT LIGHT |
| 8 | 2 | ACI | JR22P3M20B | HOA SWITCH |
| 9 | 1 | DELTA | CA302R | SURGE CAPACITOR |
| 10 | 1 | DELTA | LA302R | LIGHTNING ARRESTER |
| 11 | 1 | ABB | OT63E3 | DISCONNECT SWITCH |
| 12 | 2 | REDINGTON | 711-0190 | ELAPSED TIME METER |
| 13 | 1 | DIVERSIFIED | UOA-240-AFA | VOLTAGE MONITOR |
| 14 | 1 | SSAC | FS126RC | FLASHER |
| 15 | 1 | DAYTON | 2A561 | TIME DELAY |
| 16 | 1 | IRL | IR-VPA-150-1-RG-GC-C | REMOTE ALARM LT. |
| 17 | 2 | SQUARE D | 9999S04 | AUX.OL CONTACTS |
| 18 | 1 | SQUARE D | QOU110 | CB3 |
| 19 | 1 | SQUARE D | QOU115 | CB4 |
| 20 | 1 | STOCK | | GFI RECEPTACLE |
| 21 | 5 | IDEC | RY2SUAC120V | RELAYS |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |

| | | | | | | | | | | | | | |
|--|---|---|--|---|------|------|----|-----|------------------------|------------------------------|-----------------------|----------------|------|
| Drawing Title <div style="text-align: center; font-size: 1.2em; font-weight: bold;">BILL OF MATERIALS</div> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">REFERENCE DRAWING</td> <td style="width: 10%; text-align: center;">NO.</td> <td style="width: 45%; text-align: center;">REVISION-LOCATION</td> <td style="width: 10%; text-align: center;">ECN</td> <td style="width: 10%; text-align: center;">DATE</td> <td style="width: 10%; text-align: center;">BY</td> </tr> <tr> <td style="text-align: center;">S/N</td> <td style="text-align: center;">Sales Engineer C.C.</td> <td style="text-align: center;">Application Engineer R.C.</td> <td style="text-align: center;">DRAWN BY C. RACHAL</td> <td style="text-align: center;">APPROVED BY</td> <td style="text-align: center;">DATE</td> </tr> </table> | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY | S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY C. RACHAL | APPROVED BY | DATE |
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| S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY C. RACHAL | APPROVED BY | DATE | | | | | | | | |
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