
COX

Research and Technology, Inc.

PECHINEY ROLLED PRODUCTS
SIMPLEX PUMP
CONTROL PANEL

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

CP-1935

| | | |
|----------------------------------|---------------------|--|
| VOLTAGE | <u>277/480v</u> | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | <u>3/60</u> | |
| NO. MOTORS | <u>1</u> | |
| HP | <u>20</u> | |
| FLA | <u>27</u> | |
| TYPE OF PUMP | <u>Self-Priming</u> | (Self-Priming, Submersible) |
| MANUFACTURER | <u>GR</u> | |
| CATALOG NUMBER | <u></u> | |
| CONTROL VOLTAGE | <u>120V</u> | (120V, Other) |
| ENCLOSURE | <u>NEMA 4X</u> | (NEMA 1, NEMA 3R, NEMA 4, NEMA 4X) |
| ENCLOSURE MATERIAL | <u>Fiberglass</u> | (Painted Steel, Stainless Steel, Fiberglass) |
| CONTROL SENSOR | <u>Clock</u> | (Floats, Bubbler, Other) |
| CAPACITORS | <u>No</u> | (Yes, No) |
| CAPACITOR WIRING FIGURE | <u>N/A</u> | |
| THERM. & SEAL FAIL WIRING FIGURE | <u></u> | |

OPTIONS:

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

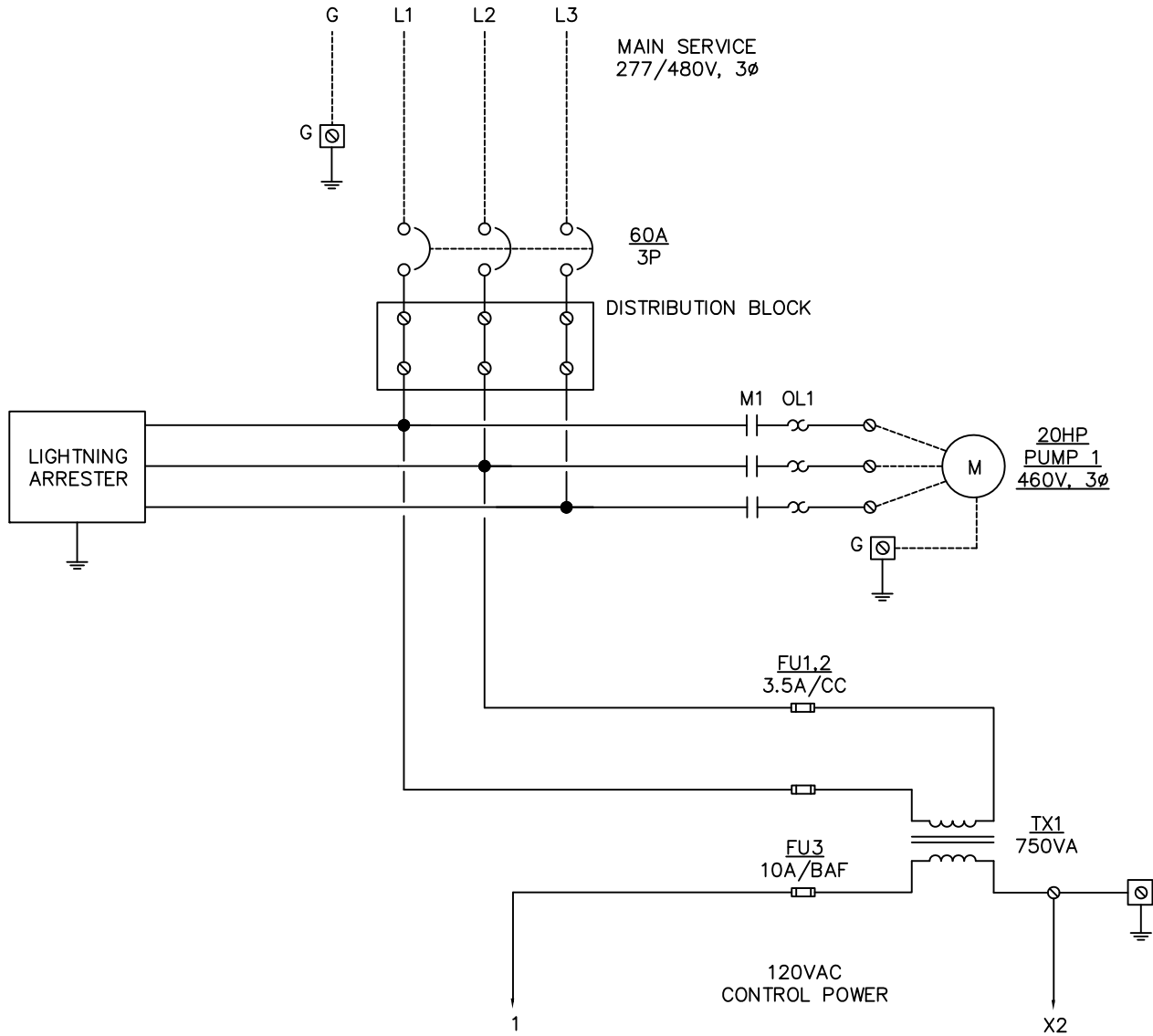
SOLD TO: Delta Process - Mississippi

TAG : PECHINEY ROLLED PRODUCTS

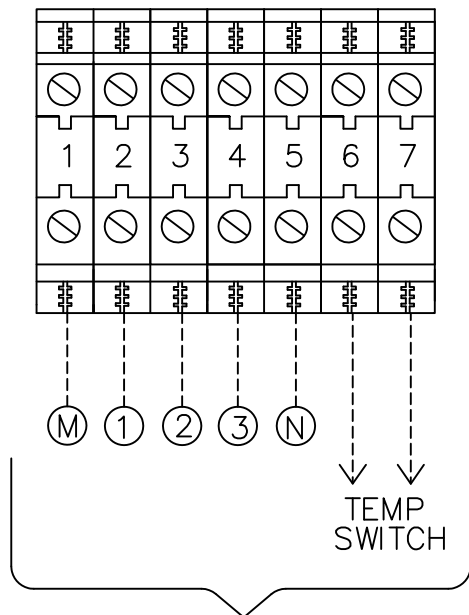
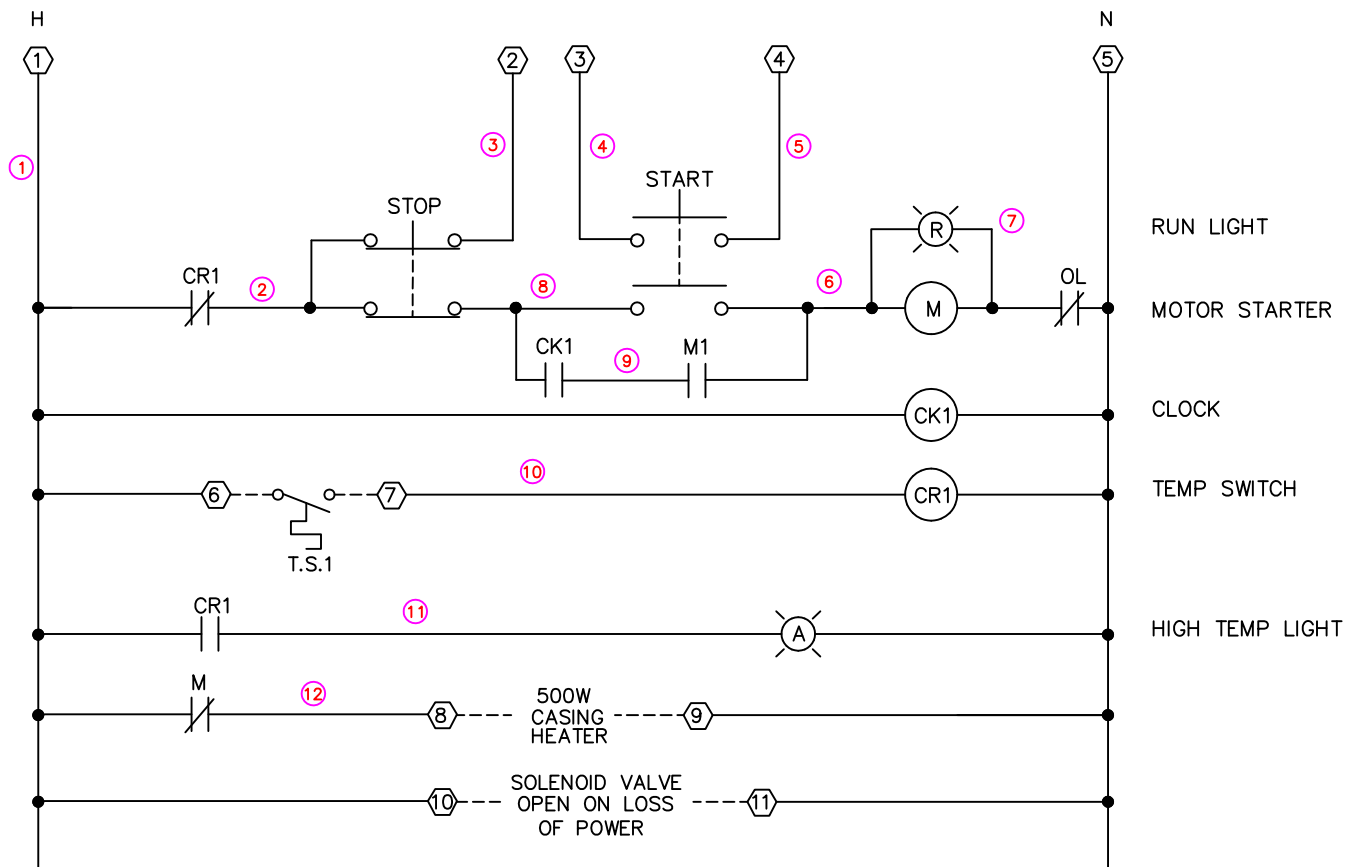
SHIP TO: Delta Process - Ruston, LA

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|------------------|-------------------------------|---|-------------------------------|---|--|-----|---------------------------|
| | Drawing Title | | | | | | |
| | PANEL DESCRIPTION | | | | | | |
| | | | | | | | |
| DATE 10/21/04 | | 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> <div>Research and Technology, Inc.</div> | | | P.O. Box 77808 Baton Rouge, LA 70809 | | PURCHASE ORDER NUMBER |
| | SIMPLEX PUMP CONTROL PANEL | | | | Ph. (225)756-3271 Fax (225)755-1030 | | DRAWING NUMBER CP-1935 |
| | | | | | SHEET NUMBER 1 | | |

TO SPRAY FIELD PUMP HOUSE



| | | | | | | | | |
|------------------|-------------------------------|--|-------------------------------|---|-----------------------|---------------------------|------|----|
| | Drawing Title | | | | | | | |
| | POWER DIAGRAM | | | | | | | |
| DATE 10/21/04 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | DRAWN BY C. RACHAL | ECN | DATE | BY |
| | Project Title | COX | | | | PURCHASE ORDER NUMBER | | |
| | SIMPLEX PUMP CONTROL PANEL | Research and Technology, Inc. | | | | DRAWING NUMBER CP-1935 | | |
| | | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030 | | | | SHEET NUMBER 2 | | |



LEGEND

| | |
|--|--------------------|
| | PANEL TERMINAL |
| | WIRING BY VENDOR |
| | WIRING BY CUSTOMER |

TO SPRAY FIELD PUMP HOUSE

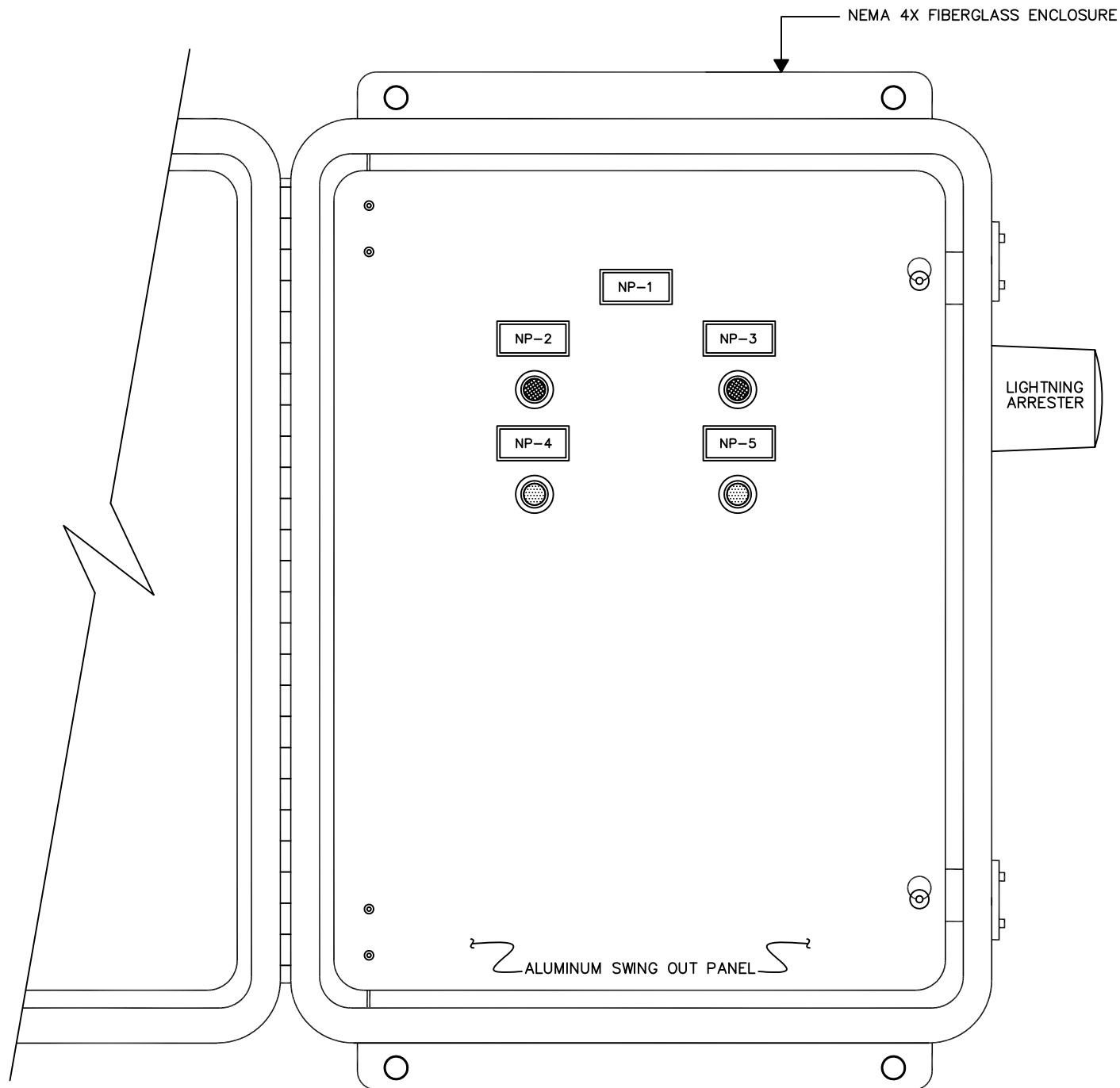
| | |
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| | Drawing Title < |
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VIEW OF SWING OUT PANEL

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

NAMEPLATE SCHEDULE

NP-1 PUMP
NP-2 HIGH TEMP
NP-3 RUN
NP-4 START
NP-5 STOP

| | | | | | | | | | |
|------------------|-------------------------------|--|------------------------|------------------------------|--|--|---------------------------|------|------|
| DATE 10/21/04 | Drawing Title | | | | | | | | |
| | ENCLOSURE | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | 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 |
| | Project Title | | | | | | PURCHASE ORDER NUMBER | | |
| | SIMPLEX PUMP CONTROL PANEL | <div style="text-align: center;"> COX Research and Technology, Inc. </div> | | | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030 | | DRAWING NUMBER CP-1935 | | |
| | | | | | | | SHEET NUMBER 4 | | |

BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|-----------------|---------------------|
| 1 | 1 | STAHLIN | RJ1816HPLDF | ENCLOSURE |
| 1a | 1 | STAHLIN | BP1816AL | BACKPLATE |
| 2 | 1 | ABB | A40-30-10-84 | MOTOR STARTER |
| 3 | 1 | ABB | TA42DU32 | O.L. RELAY (22-32A) |
| 4 | 1 | ABB | S1N060TL | CIRCUIT BREAKER |
| 5 | 2 | ACI | JR22PAN11B | PUSH BUTTON |
| 6 | 1 | ACI | JR22FR | PILOT LIGHT RED |
| 7 | 1 | ACI | JR22FY | PILOT LIGHT AMBER |
| 8 | 1 | DIEHL | TA-4152 (2A519) | BATT BACK UP CLOCK |
| 9 | 1 | IDEC | RH 2B-UAC120V | CR1 |
| 10 | 1 | DELTA | LA603 | LIGHTNING ARRESTER |
| 11 | 1 | SQUARE D | 9070TF750D1 | TRANSFORMER |
| 12 | | | | |
| 13 | | | | |
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|------------------|---|---|-------------------------------|--|-----------------------|---|------|----|
| | Drawing Title | | | | | | | |
| | <h2 style="margin: 0;">BILL OF MATERIALS</h2> | | | | | | | |
| DATE 10/21/04 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | DRAWN BY C. RACHAL | ECN | DATE | BY |
| | | <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <h1 style="margin: 0;">COX</h1> </div> | | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030 | | PURCHASE ORDER NUMBER DRAWING NUMBER CP-1935 SHEET NUMBER 5 | | |
| | Project Title | SIMPLEX PUMP CONTROL PANEL | | | | | | |