
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
OLD RIVER

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

CP-2195

| | | |
|----------------|--------------|--|
| VOLTAGE | 120/240V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 3/60 | |
| NO. MOTORS | 2 | |
| HP | 15 | |
| FLA | <42 | |
| TYPE OF PUMP | Self-Priming | (Self-Priming, Submersible) |
| MANUFACTURER | Gorman Rupp | |
| CATALOG NUMBER | | |

| | | |
|----------------------------------|----------------|--|
| 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 | Float Switches | (Floats, Bubbler, Other) |
| CAPACITORS | No | (Yes, No) |
| CAPACITOR WIRING FIGURE | | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

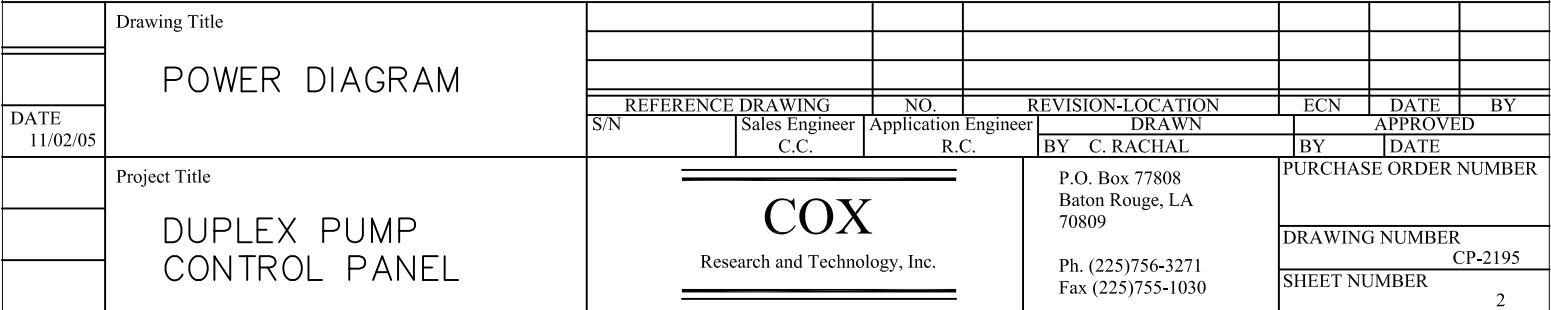
OPTIONS:

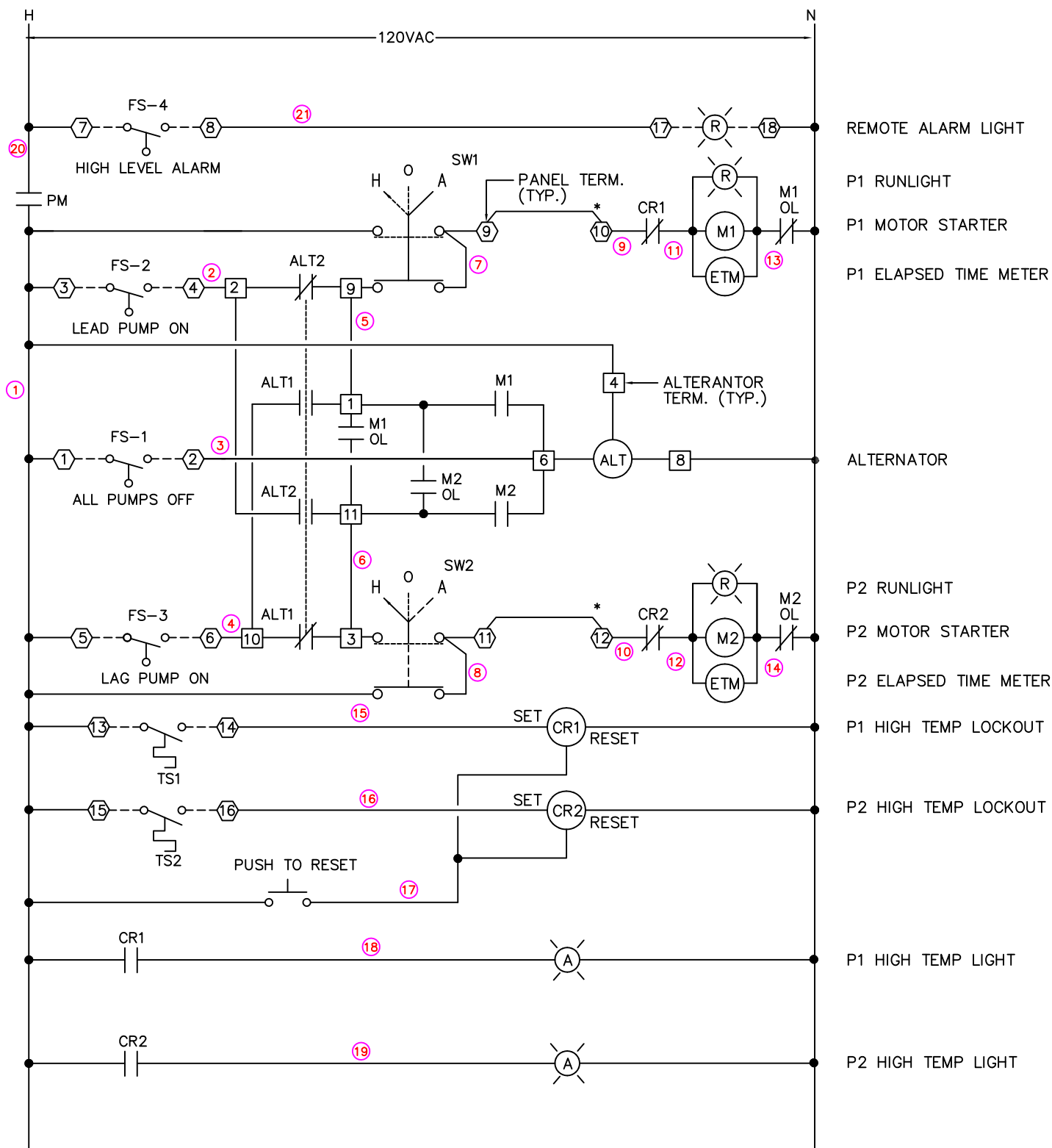
| | | |
|----------------------------------|---|----------------------------|
| SEAL FAIL LIGHTS | | (Submersible Only) |
| SEAL FAIL RELAYS | | (Submersible Only) |
| SEAL FAIL PUMP SHUTDOWN | | (Submersible Only) |
| HT PUMP SHUTDOWN | X | (Self-Primer, Submersible) |
| ALARM HORN | | |
| ALARM LIGHT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

SOLD TO: Delta Process Equipment, Inc. - Ruston, LA
TAG : Old River

SHIP TO: Delta Process Equipment, Inc. - Ruston, LA

| | | | | | | | |
|------------------|------------------------------|---|-------------------------------|---|--|-----|---|
| | Drawing Title | | | | | | |
| | PANEL DESCRIPTION | | | | | | |
| | | | | | | | |
| DATE 11/02/05 | | 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 Ph. (225)756-3271 Fax (225)755-1030 | | PURCHASE ORDER NUMBER DRAWING NUMBER CP-2195 SHEET NUMBER 1 |
| | DUPLEX PUMP CONTROL PANEL | | | | | | |





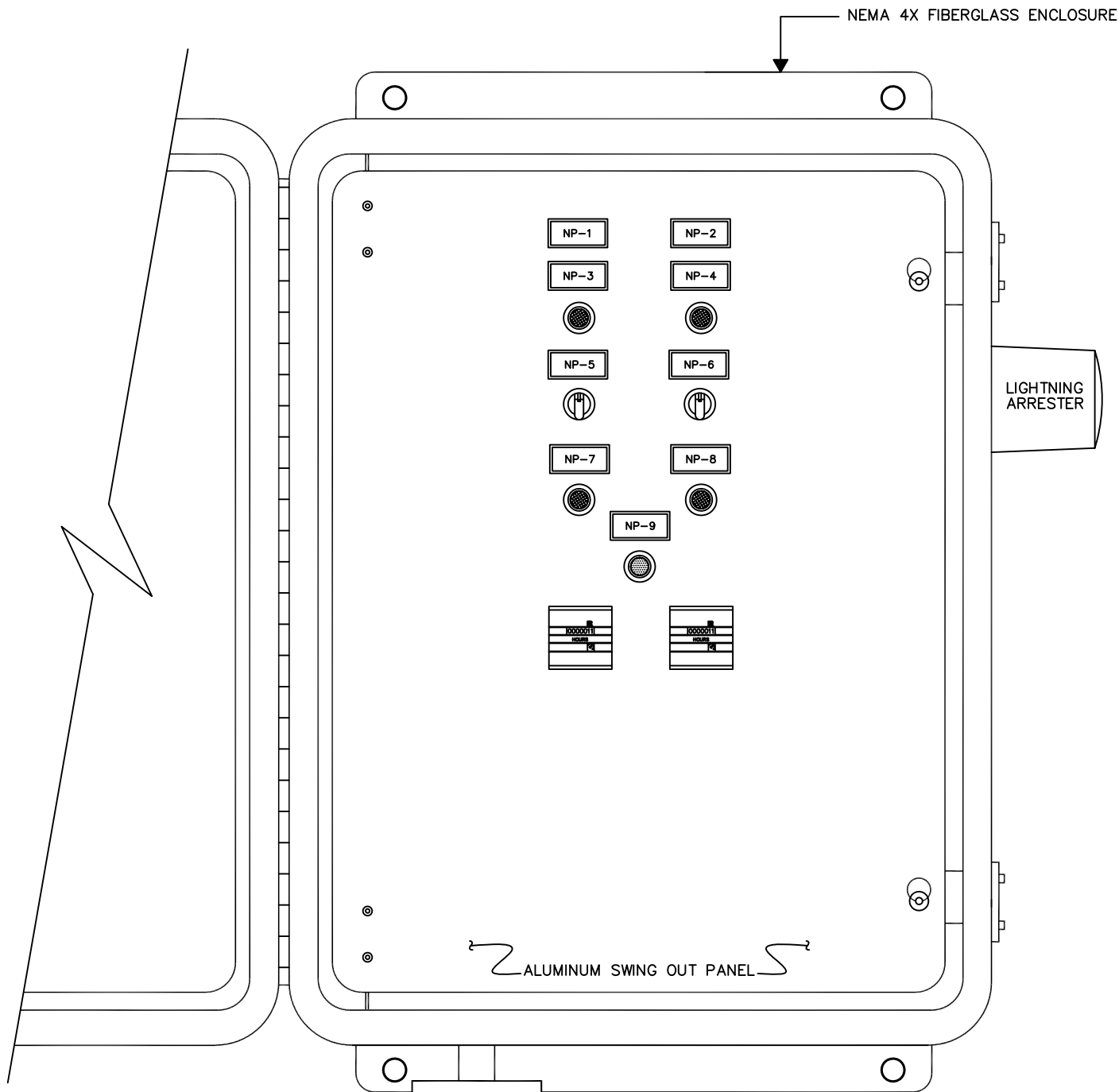
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|------------------|---|--|--|--|-------------------------------|---|---|-----------------------|
| | Drawing Title CONTROL DIAGRAM | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| DATE 11/02/05 | | | REFERENCE DRAWING S/N | | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | | DRAWN BY C. RACHAL |
| | Project Title DUPLEX PUMP CONTROL PANEL | | <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 DRAWING NUMBER CP-2195 SHEET NUMBER 3 | |

COX

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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 1 |
| NP-2 | PUMP 2 |
| NP-3 | RUN |
| NP-4 | RUN |
| NP-5 | HOA |
| NP-6 | HOA |
| NP-7 | HIGH TEMP |
| NP-8 | HIGH TEMP |
| NP-9 | HIGH TEMP RESET |

| | | | | | | | | | | |
|------------------|--|--|---|------------------------|------------------------------|-------------------|---|-----|---------------------------|------------------|
| | Drawing Title ENCLOSURE | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| DATE 11/02/05 | | | REFERENCE DRAWING | | NO. | REVISION-LOCATION | | ECN | DATE | BY |
| | | | S/N | Sales Engineer C.C. | Application Engineer R.C. | | DRAWN BY C. RACHAL | | BY | APPROVED DATE |
| | Project Title | | <div>COX</div> <div>Research and Technology, Inc.</div> | | | | 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-2195 | |
| | | | | | | | | | SHEET NUMBER | |
| | | | | | | | | | 4 | |

BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|--------------|----------------------|
| 1 | 1 | STAHLIN | RJ1816HPLDF | ENCLOSURE |
| 1a | 1 | STAHLIN | BP1816AL | BACKPLATE |
| 2 | 2 | ABB | A40-30-10-84 | MOTOR STARTER |
| 3 | 2 | ABB | TA42DU42 | O.L. RELAY (29-42A) |
| 4 | 2 | SQUARE D | QOU380 | CB1, CB2 |
| 5 | 1 | TIMEMARK | 261DT120 | ALTERNATING RELAY |
| 6 | 2 | ACI | JR22FR | RED PILOT LIGHT |
| 7 | 2 | ACI | JR22P3M20B | HOA SWITCH |
| 8 | 2 | ACI | JR22FY | AMBER PILOT LIGHT |
| 9 | 1 | ACI | JR22AN11B | PUSH BUTTON |
| 10 | 2 | SQUARE D | QOU115 | CB3, CB4 |
| 11 | 1 | DELTA | LA603 | LIGHTNING ARRESTER |
| 12 | 1 | SSAC | PLMU-11 | PHASE MONITOR |
| 13 | 2 | REDINGTON | 711-0190 | ELAPSED TIME METER |
| 14 | 2 | MAGNECRAFT | W388AMLCPX-9 | LATCHING RELAY CR1,2 |
| 15 | 1 | STOCK | | GFI |
| 16 | | | | |
| 17 | | | | |
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|------------------|---|---|-------------------------------|---|--|------|---|
| | Drawing Title | | | | | | |
| | <h2 style="margin: 0;">BILL OF MATERIALS</h2> | | | | | | |
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| | | | | | | | |
| | Project Title | <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-2195 SHEET NUMBER <div style="text-align: right;">5</div> |
| | DUPLEX PUMP CONTROL PANEL | | | | | | |