
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
15HP

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

CP-1421

| | | |
|----------------------------------|------------|--|
| VOLTAGE | 277/480V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 3/60 | |
| NO. MOTORS | 2 | |
| HP | 15 | |
| FLA | 21 | |
| TYPE OF PUMP | SP | (Self-Priming, Submersible) |
| MANUFACTURER | GR | |
| 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 | Floats | (Floats, Bubbler, Other) |
| CAPACITORS | No | (Yes, No) |
| CAPACITOR WIRING FIGURE | N/A | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

OPTIONS:

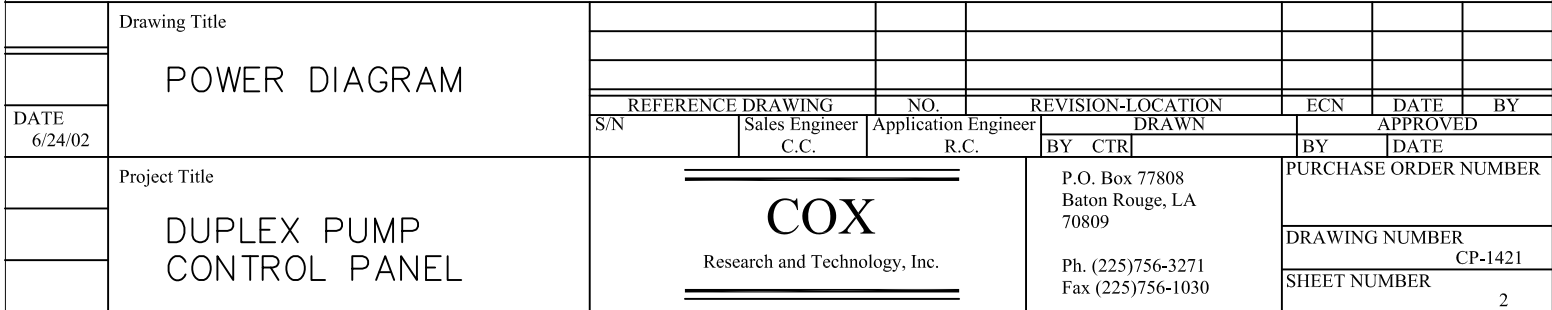
| | | |
|----------------------------------|---|----------------------------|
| SEAL FAIL LIGHTS | | (Submersible Only) |
| SEAL FAIL RELAYS | | (Submersible Only) |
| SEAL FAIL PUMP SHUTDOWN | | (Submersible Only) |
| HT PUMP SHUTDOWN | X | (Self-Primer, Submersible) |
| ALARM HORN | | |
| ALARM LIGHT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

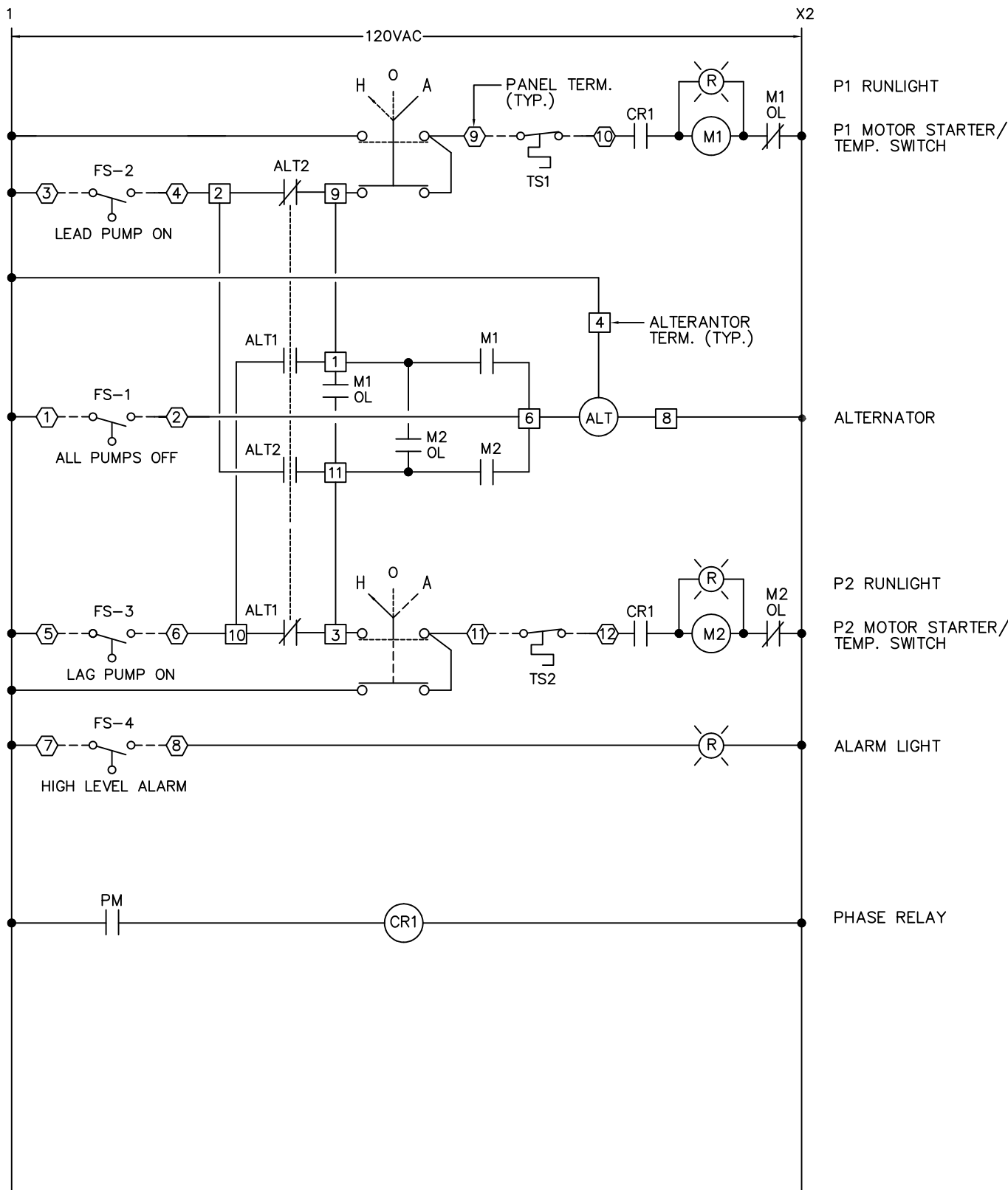
SOLD TO: Delta Process - Bossier City, LA

TAG : _____

SHIP TO: Delta Process - Denham Springs, LA

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|---------|------------------------------|--|------------------------|------------------------------|--|----------------|---|
| | Drawing Title | | | | | | |
| | PANEL DESCRIPTION | | | | | | |
| | | | | | | | |
| DATE | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY |
| 6/24/02 | | S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY CTR | APPROVED BY | DATE |
| | Project Title | <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)756-1030 | | PURCHASE ORDER NUMBER DRAWING NUMBER CP-1421 SHEET NUMBER 1 |
| | DUPLEX PUMP CONTROL PANEL | | | | | | |
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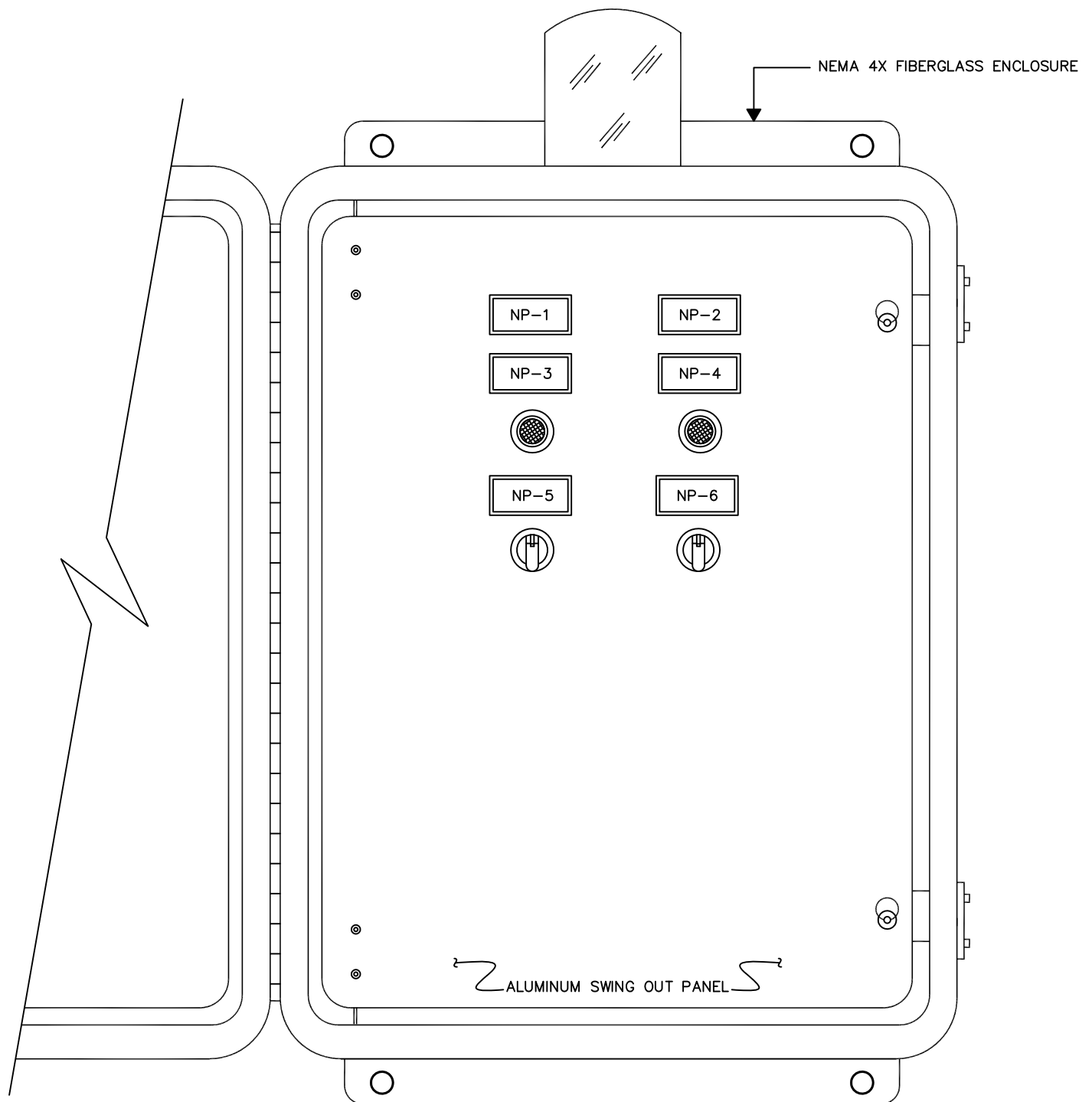
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| Drawing Title | | | | | | | |
| CONTROL DIAGRAM | | | | | | | |
| DATE | | REFERENCE DRAWING | | NO. | | REVISION-LOCATION | |
| 6/24/02 | | S/N | | Sales Engineer | | Application Engineer | |
| Project Title | | C.C. | | R.C. | | BY CTR | |
| DUPLIX PUMP CONTROL PANEL | | | | | | APPROVED | |
| | | | | | | BY | |
| | | | | | | DATE | |
| | | | | | | PURCHASE ORDER NUMBER | |
| | | | | | | DRAWING NUMBER | |
| | | | | | | CP-1421 | |
| | | | | | | SHEET NUMBER | |
| | | | | | | 3 | |

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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

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

BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|--------------|---------------------|
| 1 | 1 | STAHLIN | RJ1816HPLDF | ENCLOSURE |
| 1a | 1 | STAHLIN | BP1816AL | BACKPLATE |
| 2 | 2 | ABB | A26-30-10-84 | MOTOR STARTER |
| 3 | 2 | ABB | TA25DU25 | O.L. RELAY (18-25A) |
| 4 | 2 | ABB | S1N040TL | CB1, CB2 |
| 5 | 1 | TIMEMARK | 261DT120 | ALTERNATING RELAY |
| 6 | 2 | ACI | JR22FR | RED PILOT LIGHT |
| 7 | 2 | ACI | JR22P3M20B | HOA SWITCH |
| 8 | 1 | SQUARE D | 9070TF150D1 | TRANSFORMER |
| 9 | 1 | AC/DC | BL5-R-120 | ALARM LIGHT |
| 10 | 1 | SSAC | PLMU-11 | PHASE MONITOR |
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