
COX

Research and Technology, Inc.

PINE CREEK
DUPLEX PUMP
CONTROL PANEL

FIELD REVISION
01/11/23

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

CP-1400R1

| | | |
|----------------|--------------|--|
| VOLTAGE | 120/240V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 3/60 | |
| NO. MOTORS | 2 | |
| HP | 5, 7.5 | |
| FLA | 12.5, 22 | |
| TYPE OF PUMP | Self-Prining | (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 | 2,4 | |

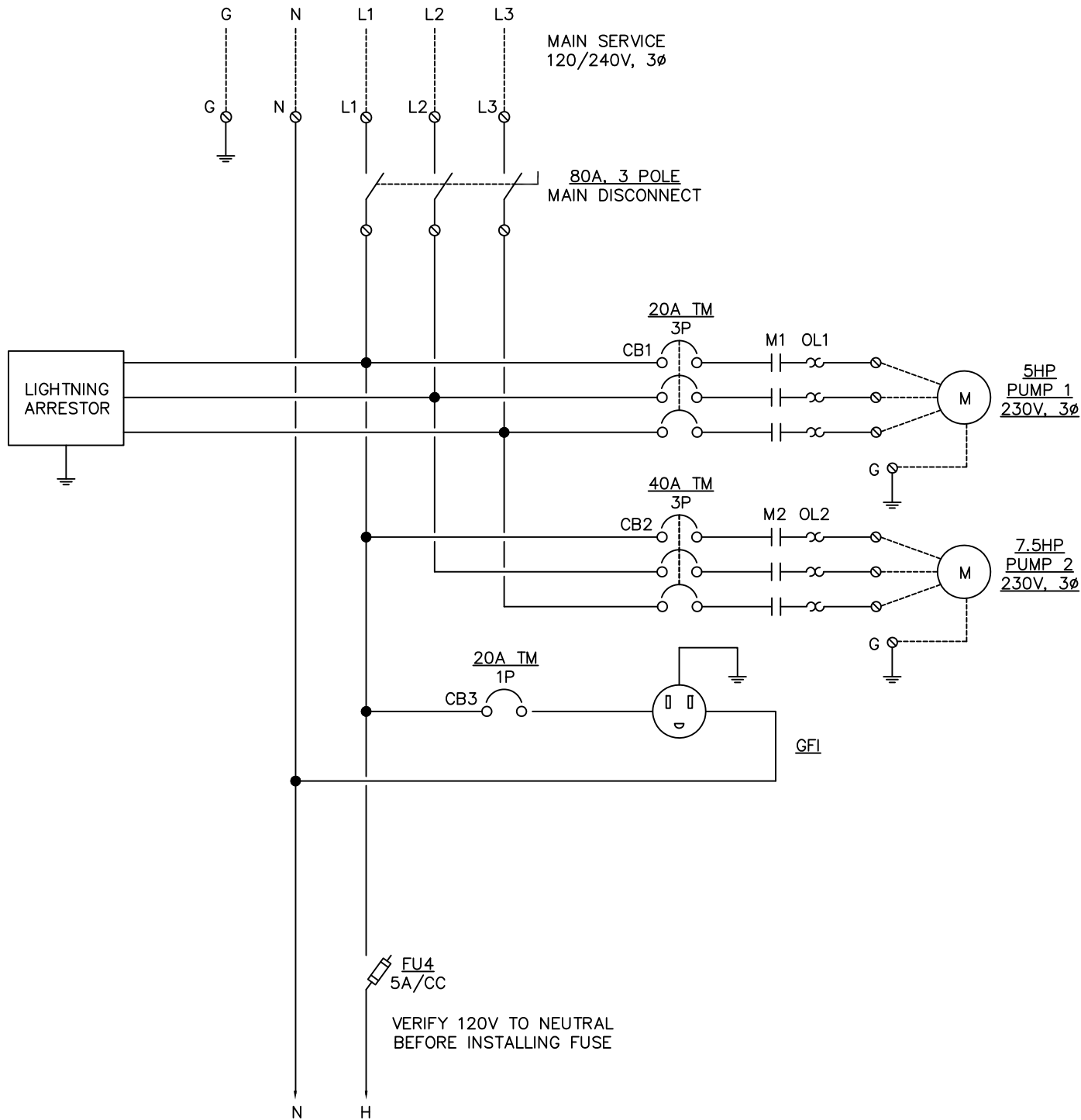
OPTIONS:

| | | |
|----------------------------------|---|----------------------------|
| 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 | 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 | X | |
| ECONOMY VERSION | | |

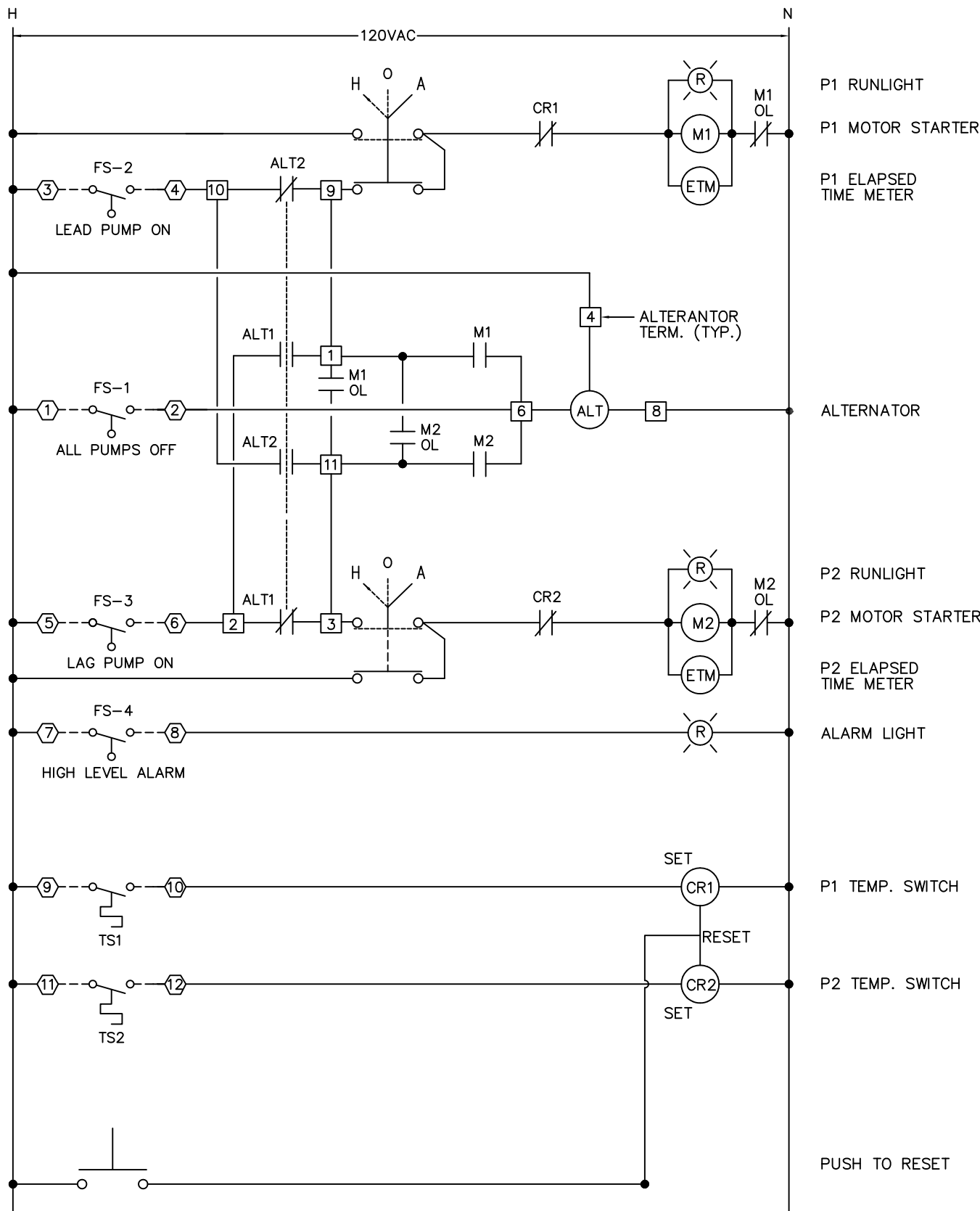
SOLD TO: Delta Process - Shreveport, LA
TAG : Roach Plumbing/Caddo #2

SHIP TO: Delta Process c/o Buda Engine Co.

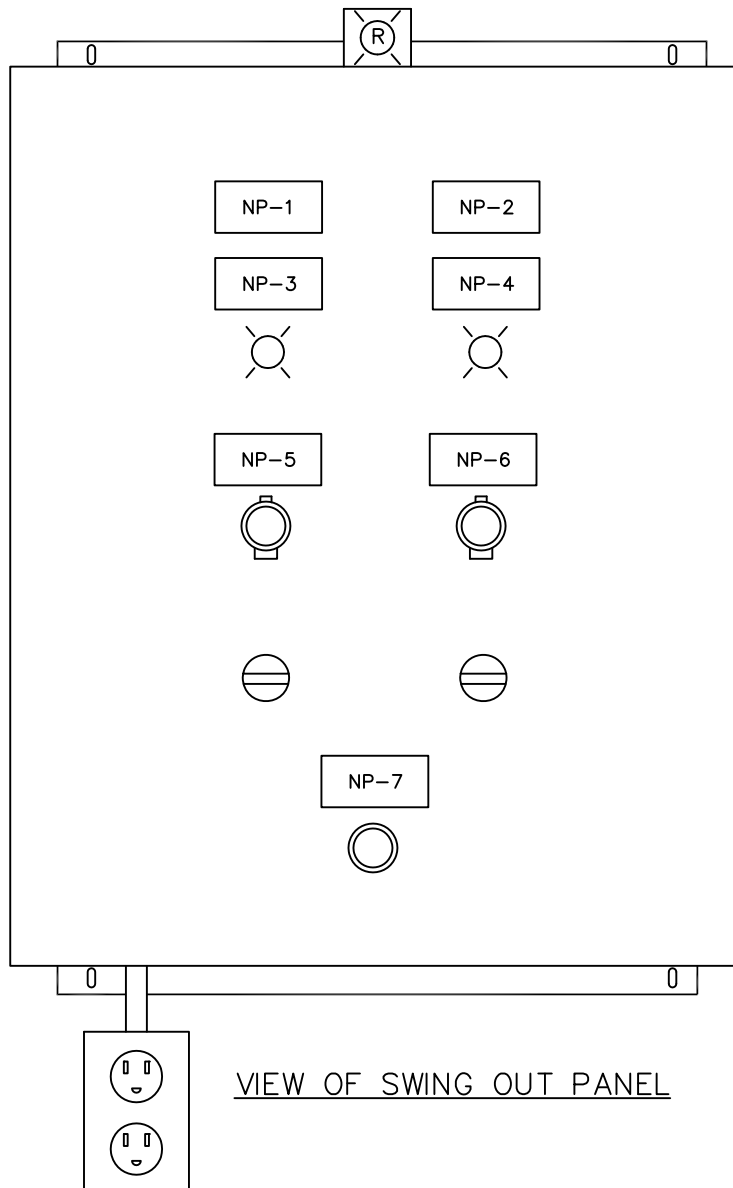
| | | | | | | | |
|----------------|------------------------------|---|-------------------------------|---|--|-----------------------|------|
| | Drawing Title | | R1 | CHANGE PUMP SIZES | - | 01/07/23 | TL |
| | PANEL DESCRIPTION | | | | | | |
| | | | | | | | |
| DATE 5/3/02 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | DRAWN BY M.S. | APPROVED BY | 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)756-1030 | PURCHASE ORDER NUMBER | |
| | DUPLEX PUMP CONTROL PANEL | | | | DRAWING NUMBER CP-1400R1 | | |
| | | | | | SHEET NUMBER 1 | | |



| | | | | | | | |
|--------|------------------------------|-------------------|------------------------|------------------------------|---------|-----------------------|------|
| | Drawing Title | | | CHANGE PUMP SIZES | - | 01/07/23 | TL |
| | POWER DIAGRAM | | | | | | |
| DATE | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY |
| 5/3/02 | | S/N | Sales Engineer C.C. | Application Engineer R.C. | BY M.S. | APPROVED | |
| | Project Title | | | | | BY | DATE |
| | DUPLEX PUMP CONTROL PANEL | | | | | PURCHASE ORDER NUMBER | |
| | | | | | | DRAWING NUMBER | |
| | | | | | | CP-1400R1 | |
| | | | | | | SHEET NUMBER | |
| | | | | | | | 2 |



| | | | | | | | |
|--------|---------------------------|-------------------|----------------|----------------------|------|----------|-----------------------|
| | Drawing Title | | | CHANGE PUMP SIZES | - | 01/07/23 | TL |
| | CONTROL DIAGRAM | | | | | | |
| DATE | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY |
| 5/3/02 | | S/N | Sales Engineer | Application Engineer | BY | DATE | BY |
| | | | C.C. | R.C. | M.S. | | |
| | Project Title | | | | | | PURCHASE ORDER NUMBER |
| | DUPLEX PUMP CONTROL PANEL | | | | | | DRAWING NUMBER |
| | | | | | | | CP-1400R1 |
| | | | | | | | SHEET NUMBER |
| | | | | | | | 3 |



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

| | |
|------|---------------|
| NP-1 | PUMP 1 |
| NP-2 | PUMP 2 |
| NP-3 | RUN |
| NP-4 | RUN |
| NP-5 | HOA |
| NP-6 | HOA |
| NP-7 | PUSH TO RESET |

NOTE:

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

| | | | | | | | |
|----------------|------------------------------|--|-------------------------------|---|---|------------------------|--|
| | Drawing Title | | | CHANGE PUMP SIZES | - | 01/07/23 | TL |
| | ENCLOSURE | | | | | | |
| DATE 5/3/02 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | ECN BY M.S. | DATE APPROVED BY | BY |
| | Project Title | <div> <div>COX</div> <div>Research and Technology, Inc.</div> </div> | | | <div> <div>P.O. Box 77808 Baton Rouge, LA 70809</div> <div>Ph. (225)756-3271 Fax (225)756-1030</div> </div> | | <div>PURCHASE ORDER NUMBER</div> <div>DRAWING NUMBER CP-1400R1</div> <div>SHEET NUMBER 4</div> |
| | DUPLEX PUMP CONTROL PANEL | | | | | | |

BILL OF MATERIAL

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|-----------------|----------------------|
| 1 | 1 | STAHLIN | RJ1816HPLDF | ENCLOSURE |
| 1a | 1 | STAHLIN | BP1816AL | BACKPLATE |
| 2 | 1 | ABB | OT63E3 | MAIN DISC. SWITCH |
| 3 | 1 | ABB | A16-30-10-84 | MOTOR STARTER |
| 4 | 1 | ABB | TA25DU11 | O.L. RELAY (7.5-11A) |
| 5 | 1 | SQUARE D | QOU320 | CB1 |
| 6 | 1 | TIMEMARK | 261DT120 | ALTERNATING RELAY |
| 7 | 2 | ACI | JR22FR | RED PIOLT LIGHT |
| 8 | 2 | ACI | JR22P3M20B | HOA SWITCH |
| 9 | 1 | SQUARE D | QOU120 | CB3 |
| 10 | 1 | C-H | CHSA03 | LIGHTNING ARRESTER |
| 11 | 1 | AC/DC | BL5-R-120 | ALARM LIGHT |
| 12 | 2 | GRASSLIN | UWZ52E | ELAPSED TIME METER |
| 13 | 2 | P&B | KUL-11A15S-120 | CR1,2 |
| 14 | 1 | ABB | AF26N1-30-00-13 | MOTOR STARTER 2 |
| 15 | 1 | ABB | TF42-24 | OVERLOAD 2 (20-24A) |
| 16 | 1 | SQUARE D | QOU340 | CB2 |
| 17 | 1 | ABB | CA4-10 | AUX CONTACT |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |

| | | | | | | | |
|----------------|------------------------------|---|-------------------------------|---|--|----------|---|
| | Drawing Title | | | CHANGE PUMP SIZES | - | 01/07/23 | TL |
| | BILL OF MATERIALS | | | | | | |
| | | | | | | | |
| DATE 5/3/02 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | ECN | DATE | BY |
| | Project Title | <div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> 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-1400R1 SHEET NUMBER 5 |
| | DUPLEX PUMP CONTROL PANEL | | | | | | |