
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
TAYLOR TRACE DEVELOPMENT

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

CP-1864

| | | |
|----------------|--------------|--|
| VOLTAGE | 120/240V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 1/60 | |
| NO. MOTORS | 2 | |
| HP | 2.7 | |
| FLA | 11.9 | |
| TYPE OF PUMP | Submersible | (Self-Priming, Submersible) |
| MANUFACTURER | Gorman Rupp | |
| CATALOG NUMBER | JSV3C60-E2.7 | |

| | | |
|----------------------------------|------------|--|
| 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 | Yes | (Yes, No) |
| CAPACITOR WIRING FIGURE | N/A | |
| THERM. & SEAL FAIL WIRING FIGURE | | |


OPTIONS:

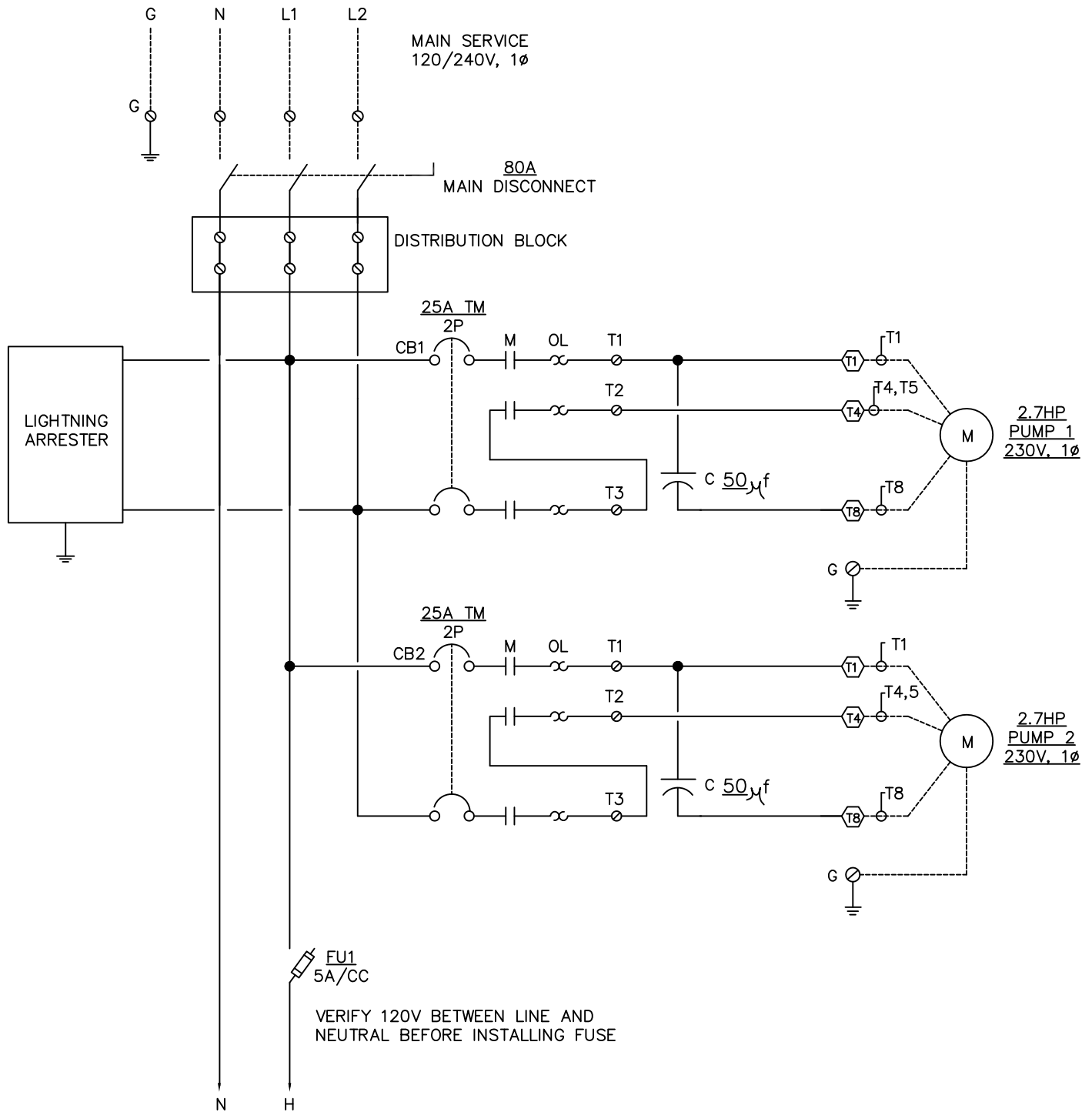
| | | |
|----------------------------------|---|----------------------------|
| SEAL FAIL LIGHTS | | (Submersible Only) |
| SEAL FAIL RELAYS | | (Submersible Only) |
| SEAL FAIL PUMP SHUTDOWN | X | (Submersible Only) |
| HT PUMP SHUTDOWN | X | (Self-Primer, Submersible) |
| ALARM HORN | | |
| ALARM LIGHT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

SOLD TO: Delta Process - New Orleans, LA

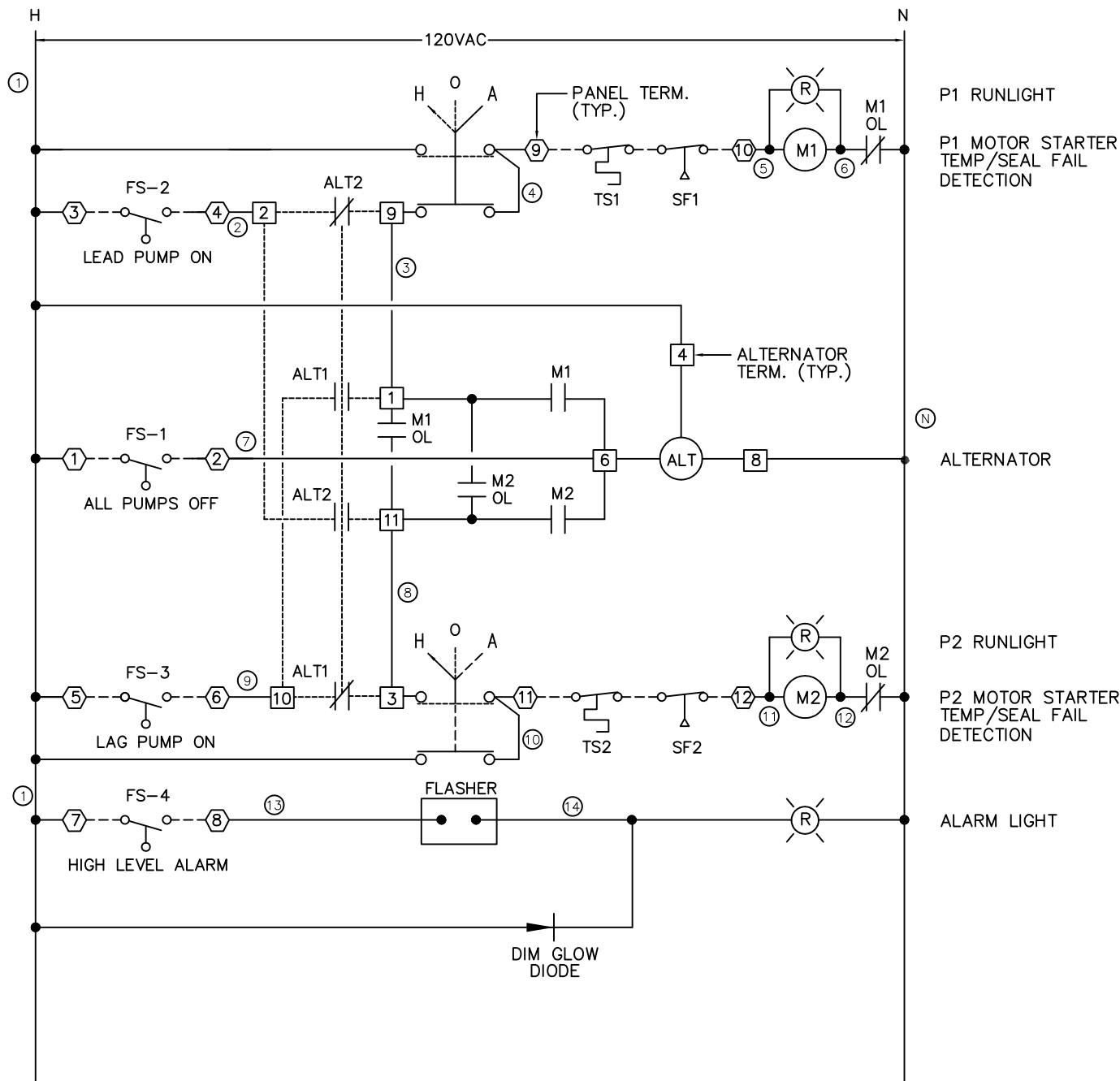
TAG : TAYLOR TRACE DEVELOPMENT

SHIP TO: Delta Process - Denham Springs, LA

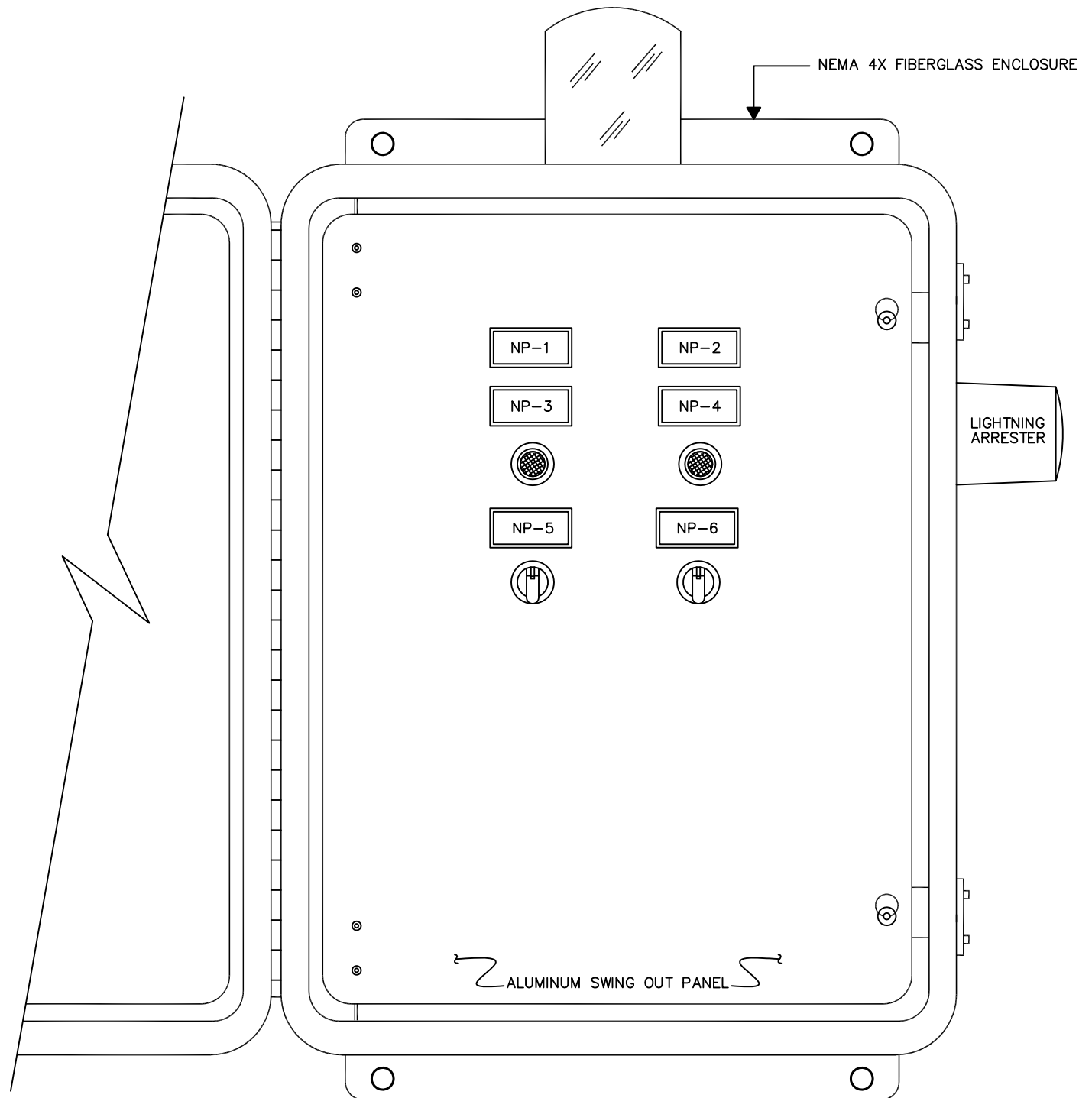
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|---------|------------------------------|---|------------------------|------------------------------|--|------|---------------------------|
| | Drawing Title | | | | | | |
| | PANEL DESCRIPTION | | | | | | |
| | | | | | | | |
| DATE | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY |
| 8/10/04 | | S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY C. RACHAL | | APPROVED BY |
| | Project Title | <div style="text-align: center;">  COX 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)756-1030 | | DRAWING NUMBER CP-1864 |
| | | | | | | | SHEET NUMBER 1 |



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



| | | | | | | | | | |
|------|------------------------------|-------------------------------|------------------------|------------------------------|--|---------------------------|------|----------|--|
| | Drawing Title | | | | | | | | |
| | CONTROL DIAGRAM | | | | | | | | |
| DATE | 8/10/04 | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY | APPROVED | |
| | | S/N | Sales Engineer C.C. | Application Engineer R.C. | BY C. RACHAL | BY | DATE | | |
| | Project Title | COX | | | P.O. Box 77808 Baton Rouge, LA 70809 | PURCHASE ORDER NUMBER | | | |
| | DUPLEX PUMP CONTROL PANEL | Research and Technology, Inc. | | | Ph. (225)756-3271 Fax (225)756-1030 | DRAWING NUMBER CP-1864 | | | |
| | | | | | | SHEET NUMBER 3 | | | |



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

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

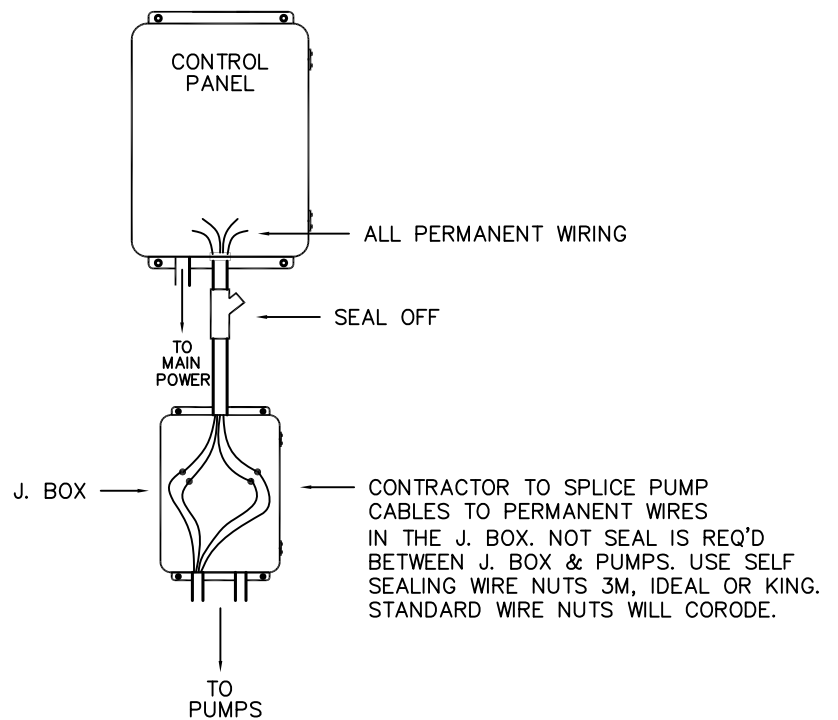
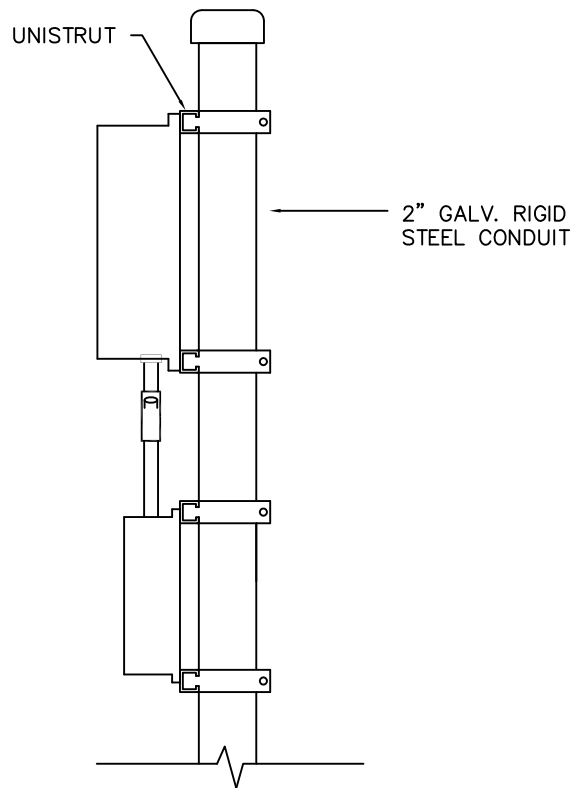
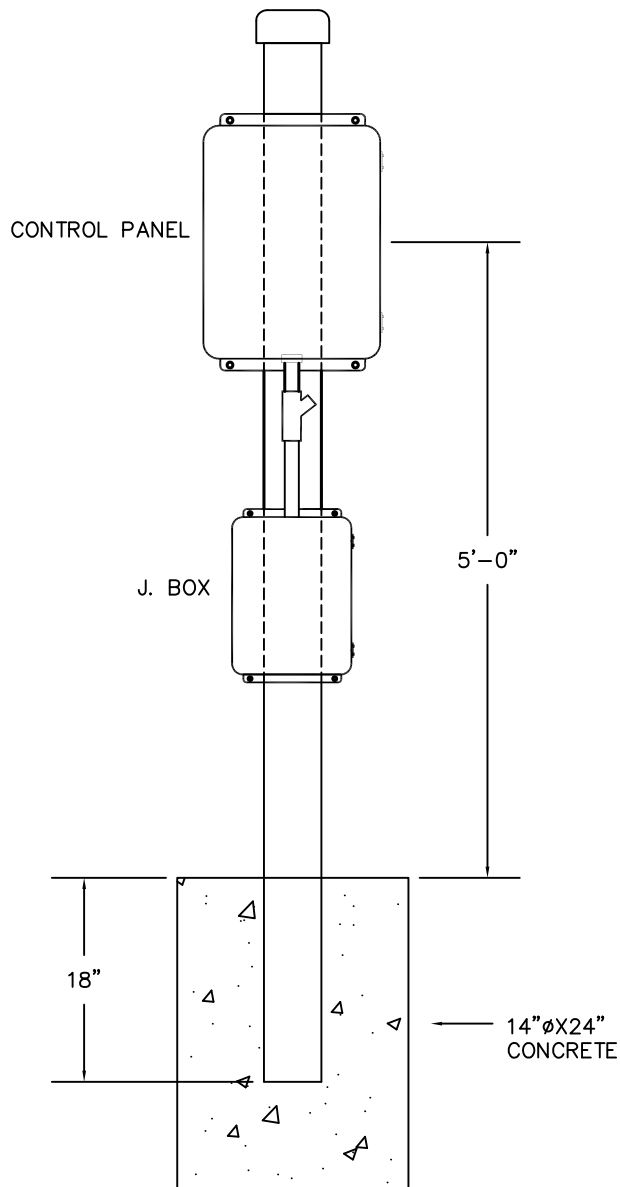
NP-1 PUMP 1
NP-2 PUMP 2
NP-3 RUN
NP-4 RUN
NP-5 HOA
NP-6 HOA

| | | | | | | | | | |
|-----------------|------------------------------|--------------------------------------|-------------------------------|---|--|---------------------------|----|------|----|
| | Drawing Title | | | | | | | | |
| | ENCLOSURE | | | | | | | | |
| | | | | | | | | | |
| DATE 8/10/04 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | ECN BY C. RACHAL | DATE BY | BY | DATE | BY |
| | 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)756-1030 | DRAWING NUMBER CP-1864 | | | |
| | | | | | | SHEET NUMBER 4 | | | |

BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|--------------|---------------------|
| 1 | 1 | VYNCKIER | VJ1816HWPLDF | ENCLOSURE |
| 1a | 1 | VYNCKIER | MP1816A | BACKPLATE |
| 2 | 1 | ABB | OT63E3 | MAIN DISC. SWITCH |
| 3 | 2 | ABB | A16-30-10-84 | MOTOR STARTER |
| 4 | 2 | ABB | TA25DU14 | O.L. RELAY (10-14A) |
| 5 | 2 | SQUARE D | QOU225 | CB1, CB2 |
| 6 | 1 | TIMEMARK | 261DT120 | ALTERNATING RELAY |
| 7 | 2 | ACI | JR22FR | RED PILOT LIGHT |
| 8 | 2 | ACI | JR22P3M20B | HOA SWITCH |
| 9 | 1 | AC/DC | BL5-R-120 | ALARM LIGHT |
| 10 | 1 | DELTA | LA302R | LIGHTNING ARRESTER |
| 11 | 1 | SSAC | FS126 | FLASHER |
| 12 | | | | POLE, BOX, SEAL |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
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|-----------------|---|---|------------------------|------------------------------|--|----------------|--|
| | Drawing Title | | | | | | |
| | <h2 style="margin: 0;">BILL OF MATERIALS</h2> | | | | | | |
| | | | | | | | |
| DATE 8/10/04 | | 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 | <div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div> | | | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030 | | PURCHASE ORDER NUMBER DRAWING NUMBER <div style="text-align: right;">CP-1864</div> SHEET NUMBER <div style="text-align: right;">5</div> |
| | DUPLEX PUMP CONTROL PANEL | | | | | | |



EXTERNAL CONNECTIONS
TO PUMPS

| | | | | | | | | | |
|------|------------------------------|-------------------------------|------------------------|------------------------------|--|---------------------------|------|----------|--|
| | Drawing Title | | | | | | | | |
| | MOUNTING DETAILS | | | | | | | | |
| DATE | 8/10/04 | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY | APPROVED | |
| | | S/N | Sales Engineer C.C. | Application Engineer R.C. | BY C. RACHAL | BY | DATE | | |
| | Project Title | COX | | | P.O. Box 77808 Baton Rouge, LA 70809 | PURCHASE ORDER NUMBER | | | |
| | DUPLEX PUMP CONTROL PANEL | Research and Technology, Inc. | | | Ph. (225)756-3271 Fax (225)755-1030 | DRAWING NUMBER CP-1864 | | | |
| | | | | | | SHEET NUMBER 6 | | | |