
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
CADDO CORRECTIONAL

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

CP-1349

| | | |
|----------------------------------|-----------------|--|
| VOLTAGE | 480V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 3/60 | |
| NO. MOTORS | 2 | |
| HP | 7.5 | |
| FLA | 11.5 | |
| TYPE OF PUMP | Submersible | (Self-Priming, Submersible) |
| MANUFACTURER | Vaughn/Reliance | |
| 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 | 1,10,11 | |

OPTIONS:


| | | |
|----------------------------------|------------------------|----------------------------|
| SEAL FAIL LIGHTS | X | (Submersible Only) |
| SEAL FAIL RELAYS | X (Supplied by Vaughn) | (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 | | |
| LIGHTNING ARRESTER | X | |
| ELAPSED TIME METER | X | |
| PHASE MONITOR | X | |
| NEMA RATED STARTERS | X | |
| GROUND FAULT RECPT. | | |
| GREEN RUN LIGHTS VS. RED | X | |
| POLE, BOX, SEAL | | |
| INTRINSICALLY SAFE RELAYS | | |
| HIGH TEMP. LOCKOUT, MANUAL RESET | | |
| ECONOMY VERSION | | |

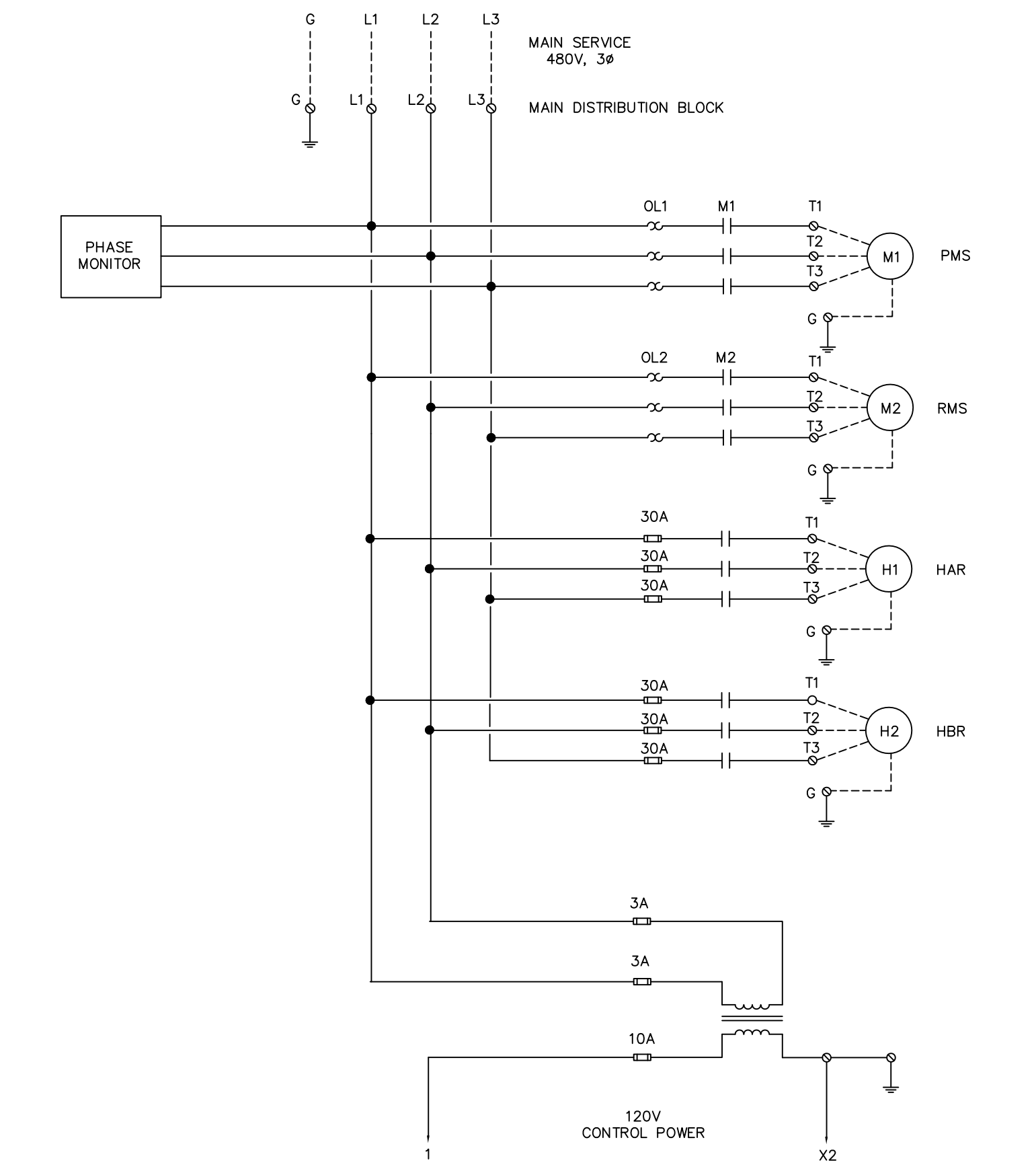
SOLD TO: Delta Process - Bossier City, LA
TAG : Southern Soil - Correctional Center

SHIP TO: Delta Process - Shreveport, LA

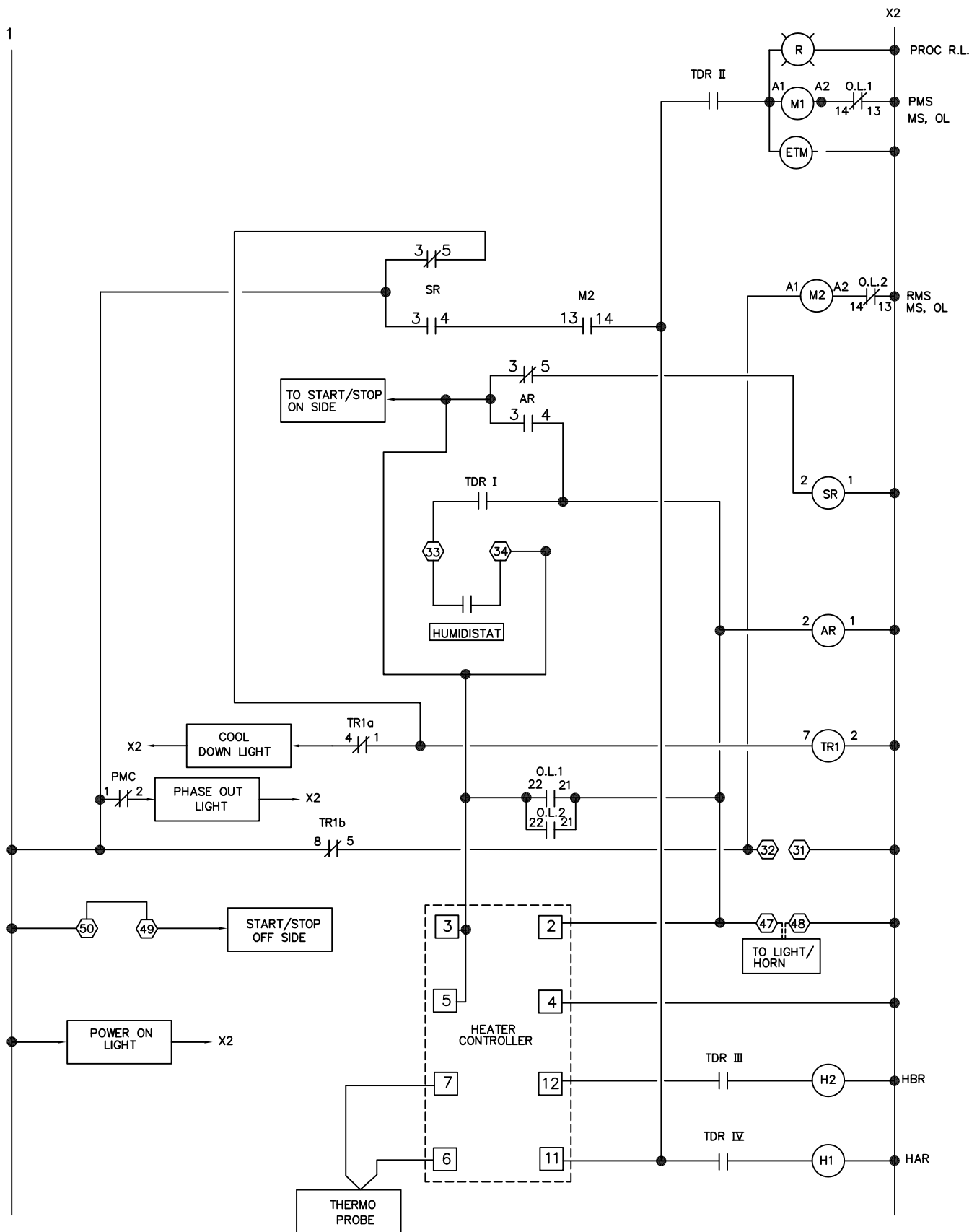
P.O. # 12076-23257

CR17DSU7.5X3480V411.5N,LA,ETM,PM,GRL,NE

| | | | | | | | | |
|-----------------|------------------------------------|---|-------------------------------|---|--|-----|---------------------------|----|
| | Drawing Title | | | | | | | |
| | PANEL DESCRIPTION | | | | | | | |
| | | | | | | | | |
| DATE 1/18/02 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | DRAWN BY M.S. | ECN | DATE | BY |
| | Project Title | <div style="text-align: center;">  Research and Technology, Inc. </div> | | | P.O. Box 77808 Baton Rouge, LA 70809 | | PURCHASE ORDER NUMBER | |
| | CADD CORRECTIONAL CONTROL PANEL | | | | Ph. (225)756-3271 Fax (225)756-1030 | | DRAWING NUMBER CP-1349 | |
| | | | | | | | SHEET NUMBER 1 | |



| | | | | | | | | | |
|---------|---------------|---------------------------|------------------------|------------------------------|------------------|----------------|------|--|--|
| | Drawing Title | | | | | | | | |
| | POWER DIAGRAM | | | | | | | | |
| DATE | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY | | |
| 5/10/02 | | S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY M.S. | APPROVED BY | DATE | | |
| | Project Title | PURCHASE ORDER NUMBER | | | | | | | |
| | AQS 3000 | DRAWING NUMBER CP-1401 | | | | | | | |
| | | SHEET NUMBER | | | 1 | | | | |



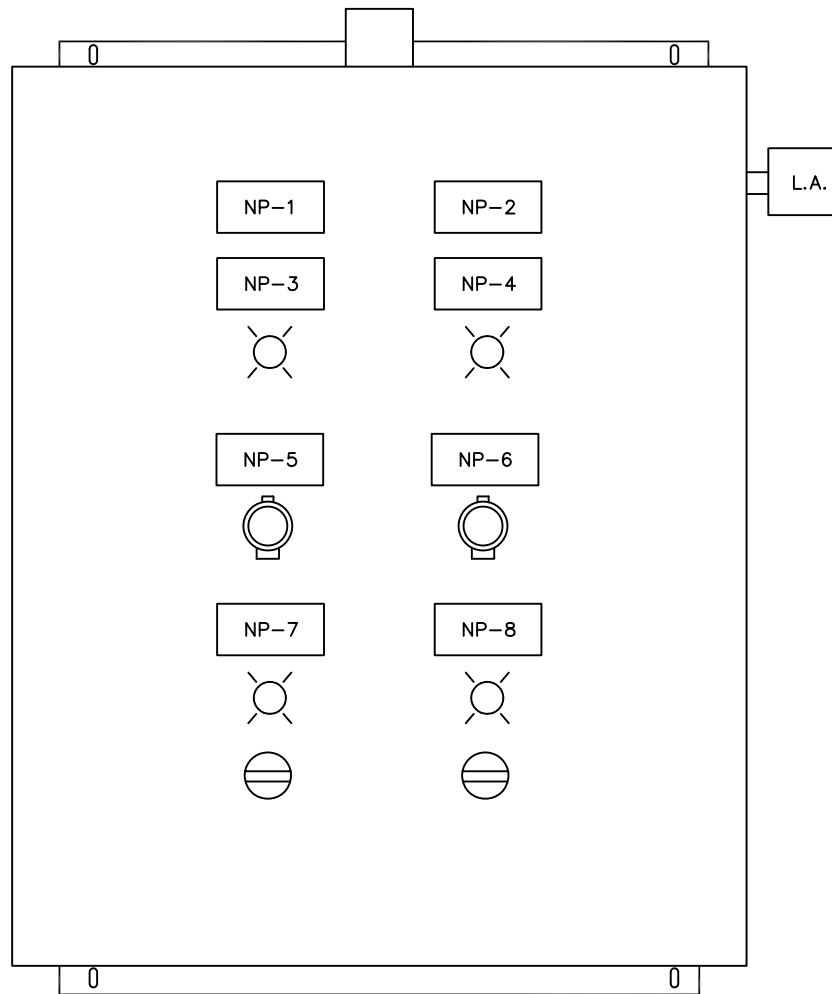
| | | | | | | | | | |
|------|-----------------|-------------------|------------------------|------------------------------|-----|------|----|----------|---------------------------|
| | Drawing Title | | | | | | | | |
| | CONTROL DIAGRAM | | | | | | | | |
| DATE | 5/10/02 | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY | APPROVED | |
| | | S/N | Sales Engineer C.C. | Application Engineer R.C. | BY | M.S. | | BY | DATE |
| | Project Title | | | | | | | | PURCHASE ORDER NUMBER |
| | AQS 3000 | | | | | | | | DRAWING NUMBER CP-1401 |
| | | | | | | | | | SHEET NUMBER 2 |

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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 | SEAL FAIL |
| NP-8 | SEAL FAIL |

| | | | | | | | | |
|-----------------|-------------------------------------|-------------------------------|-------------------------------|---|--|------|---------------------------|--|
| | Drawing Title | | | | | | | |
| | ENCLOSURE | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| DATE 1/18/02 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | ECN | DATE | BY | |
| | Project Title | DRAWN | | | APPROVED | | | |
| | CADDO CORRECTIONAL CONTROL PANEL | BY M.S. | | | BY | DATE | PURCHASE ORDER NUMBER | |
| | | COX | | | P.O. Box 77808 Baton Rouge, LA 70809 | | DRAWING NUMBER CP-1349 | |
| | | Research and Technology, Inc. | | | Ph. (225)756-3271 Fax (225)756-1030 | | SHEET NUMBER 4 | |

BILL OF MATERIAL

[illegible]

| | | | | | | | | | | | |
|-----------------|---------------------------------|---|-------------------------------|---|--|------|---------------------------|--|------|--|-----------------------|
| | Drawing Title | | | | | | | | | | |
| | BILL OF MATERIALS | | | | | | | | | | |
| DATE 1/18/02 | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION Application Engineer R.C. | DRAWN | | ECN | | DATE | | BY |
| | Project Title | | | | BY | M.S. | BY | | DATE | | PURCHASE ORDER NUMBER |
| | CADD CORRECTIONAL CONTROL PANEL | COX Research and Technology, Inc. | | | P.O. Box 77808 Baton Rouge, LA 70809 | | DRAWING NUMBER CP-1349 | | | | |
| | | | | | Ph. (225)756-3271 Fax (225)756-1030 | | SHEET NUMBER | | | | 5 |