
COX

Research and Technology, Inc.

MANY, LA
AIR SCOUR
DUPLEX BLOWER
CONTROL PANEL

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

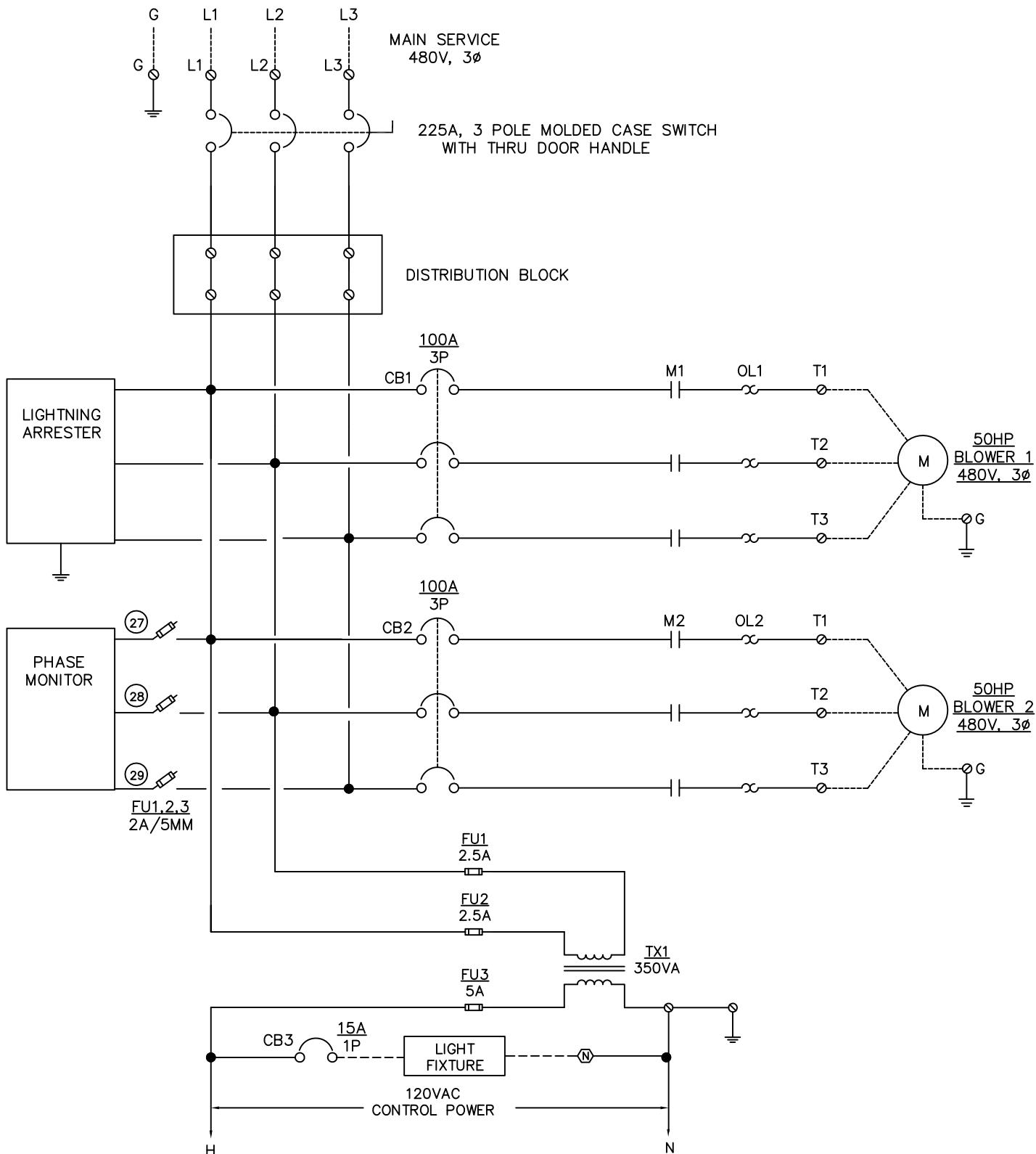
| | | |
|----------------------------------|-----------------|--|
| VOLTAGE | 480V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 3/60 | |
| NO. MOTORS | 2 | |
| HP | 50 | |
| FLA | 65 | |
| TYPE OF PUMP | Blower | (Self-Priming, Submersible) |
| MANUFACTURER | | |
| CATALOG NUMBER | | |
| | | |
| CONTROL VOLTAGE | 120V | (120V, Other) |
| ENCLOSURE | NEMA 4X | (NEMA 1, NEMA 3R, NEMA 4, NEMA 4X) |
| ENCLOSURE MATERIAL | Stainless Steel | (Painted Steel, Stainless Steel, Fiberglass) |
| CONTROL SENSOR | Clock | (Floats, Bubbler, Other) |
| CAPACITORS | | (Yes, No) |
| CAPACITOR WIRING FIGURE | | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

OPTIONS:

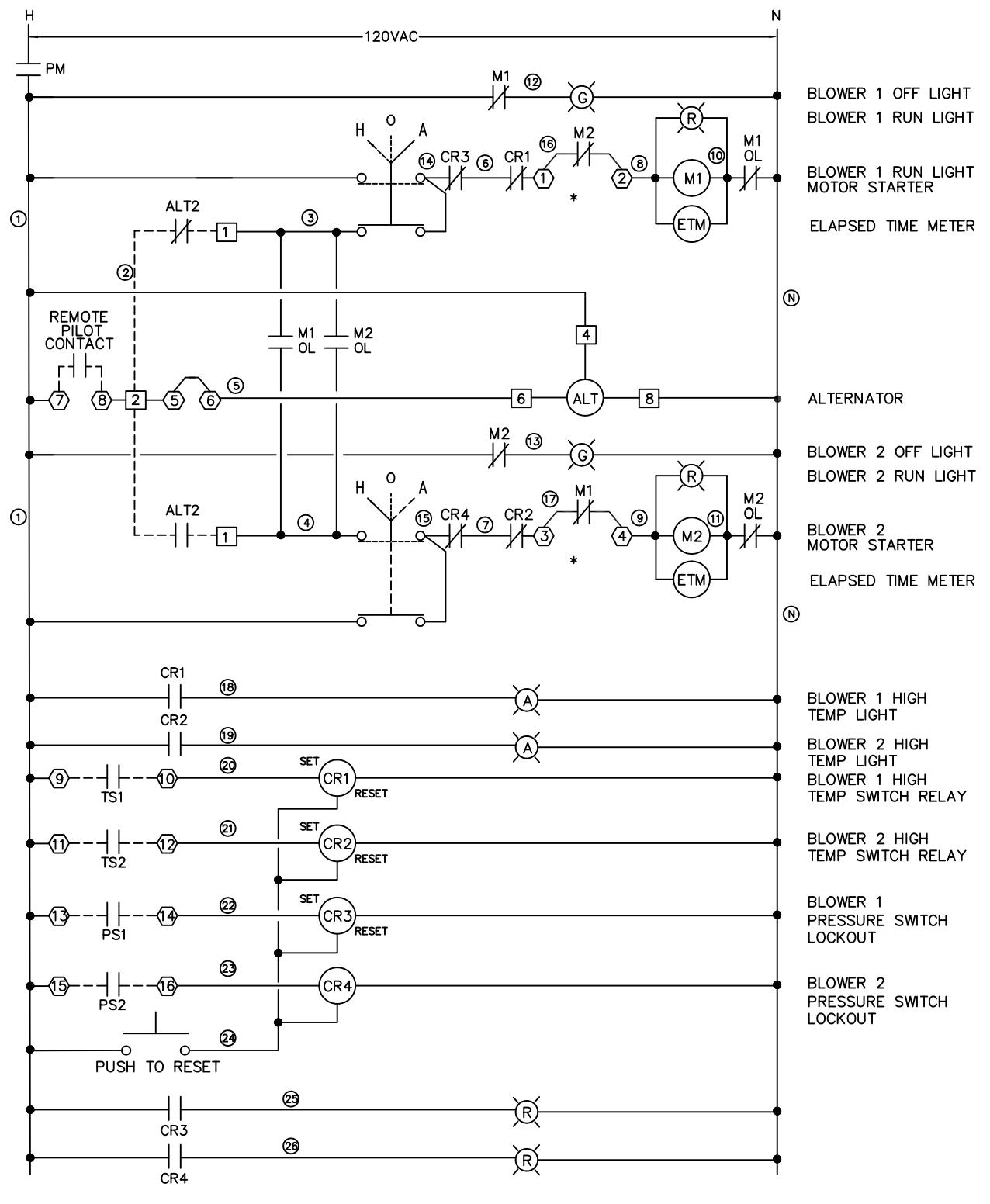
| | | |
|----------------------------------|---|----------------------------|
| SEAL FAIL LIGHTS | | (Submersible Only) |
| SEAL FAIL RELAYS | | (Submersible Only) |
| SEAL FAIL PUMP SHUTDOWN | | (Submersible Only) |
| HT PUMP SHUTDOWN | X | (Self-Primer, Submersible) |
| ALARM HORN | | |
| ALARM LIGHT | | |
| LIGHT PANEL MTD | | |
| LIGHT REMOTE MTD | | |
| LIGHT FLASHER | | |
| LIGHTNING ARRESTER | X | |
| ELAPSED TIME METER | X | |
| 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 | X | |
| ECONOMY VERSION | | |
| OVER PRESSURE SHUTDOWN/LOCKOUT | X | |

SOLD TO: Delta Process
TAG : Many, LA
 Air Scour

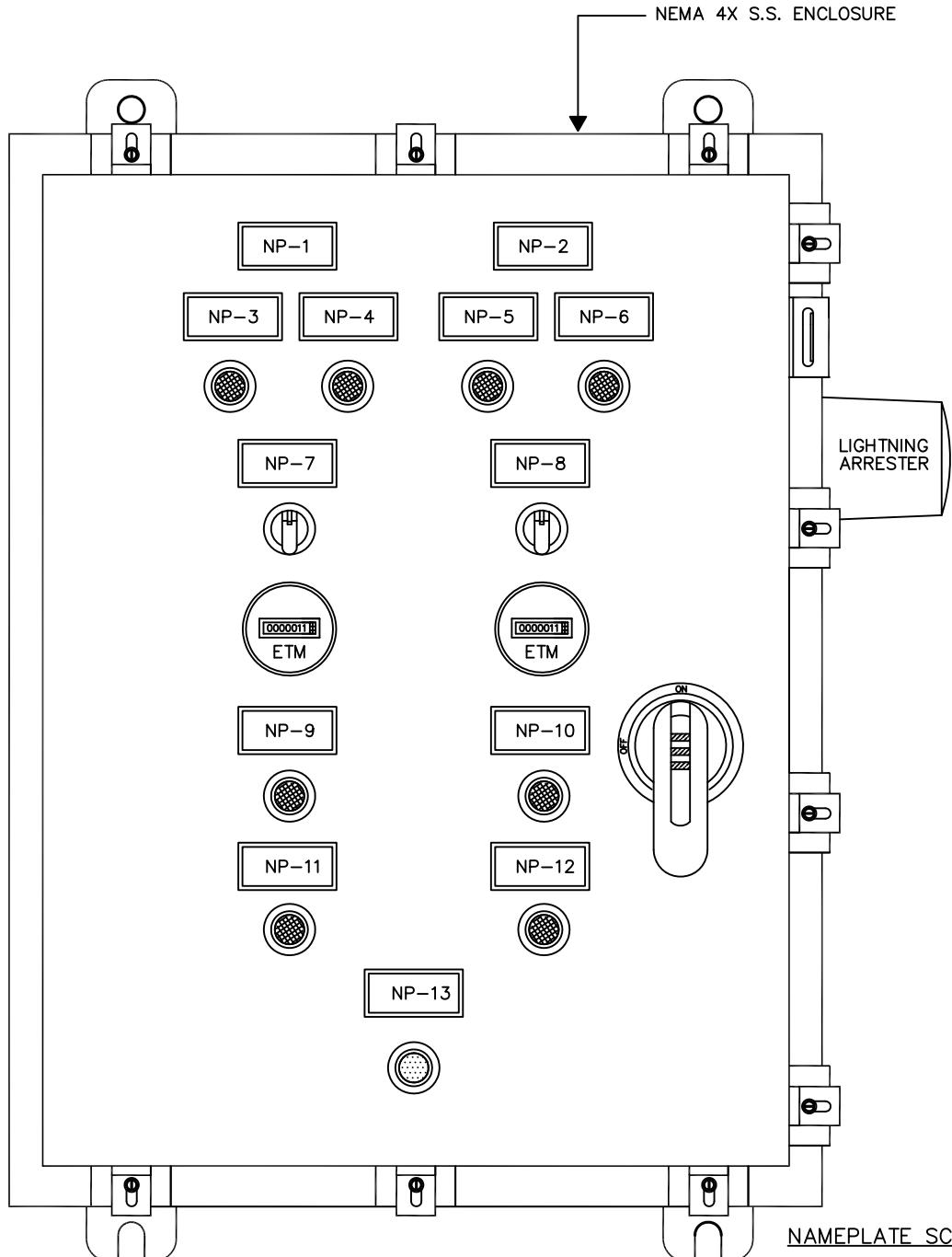
| | | | | | | | |
|--|---|---|------------------------|------------------------------|--|--|------|
| | Drawing Title PANEL DESCRIPTION DATE 10/20/03 | | | | | | |
| | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY |
| | | S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY C. RACHAL | APPROVED BY | DATE |
| | | | | | | | |
| | | | | | | | |
| | Project Title DUPLEX BLOWER CONTROL PANEL | <hr/> <hr/> COX <hr/> Research and Technology, Inc. <hr/> <hr/> | | | P.O. Box 77808 Baton Rouge, LA 70809 | PURCHASE ORDER NUMBER DRAWING NUMBER CP-1674 | |
| | | | | | Ph. (225)756-3271 Fax (225)756-1030 | SHEET NUMBER 1 | |



| | | | | | |
|------------------|---|------------------------------|---|--|---|
| | Drawing Title POWER DIAGRAM | | | | |
| | | REFERENCE DRAWING S/N | NO. Sales Engineer C.C. | REVISION-LOCATION DRAWN BY C. RACHAL | ECN APPROVED BY DATE |
| DATE 10/20/03 | | Application Engineer R.C. | | | |
| | Project Title DUPLEX BLOWER CONTROL PANEL | | COX Research and Technology, Inc. | P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030 | PURCHASE ORDER NUMBER DRAWING NUMBER CP-1674 SHEET NUMBER 2 |



| | Drawing Title | | | | | | | |
|------------------|--------------------------------|------------------------|---|-----------------------|--|-----|-----------------------|----|
| | CONTROL DIAGRAM | | | | | | | |
| DATE 10/20/03 | 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 | | COX Research and Technology, Inc. | | P.O. Box 77808 Baton Rouge, LA 70809 | | PURCHASE ORDER NUMBER | |
| | DUPLEX BLOWER CONTROL PANEL | | Ph. (225)756-3271 Fax (225)756-1030 | | DRAWING NUMBER CP-1674 | | SHEET NUMBER 3 | |



VIEW OF FRONT OF PANEL

NOTE:

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

| | | | | | | | |
|------------------|--------------------------------|----------------|---|-------------------|--|---------------------------|---------|
| | Drawing Title | | | | | | |
| | ENCLOSURE | | | | | | |
| | REFERENCE DRAWING | | NO. | REVISION-LOCATION | | ECN | DATE BY |
| DATE 10/20/03 | S/N | Sales Engineer | Application Engineer | DRAWN | | APPROVED | |
| | | C.C. | R.C. | BY C. RACHAL | BY | DATE | |
| | Project Title | | <u>COX</u> Research and Technology, Inc. | | P.O. Box 77808 Baton Rouge, LA 70809 | PURCHASE ORDER NUMBER | |
| | DUPLEX BLOWER CONTROL PANEL | | | | Ph. (225)756-3271 Fax (225)756-1030 | DRAWING NUMBER CP-1674 | |
| | | | | | | SHEET NUMBER 4 | |

BILL OF MATERIAL

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|----------------|---------------------|
| 1 | 1 | EBE | S302410N4X | ENCLOSURE |
| 2 | 1 | EBE | A3024P | BACKPLATE |
| 3 | 2 | ABB | A75-30-11-84 | STARTER |
| 4 | 2 | ABB | TA75DU80 | O.L. (60-80A) |
| 5 | 2 | ABB | S1N100TL | CIRCUIT BREAKER 1,2 |
| 6 | 2 | ACI | JR22P3M20B | H.O.A. SWITCH |
| 7 | 1 | TIMEMARK | 261DT120 | ALTERNATING RELAY |
| 8 | 1 | GRASSLIN | FM/1 STUZH-L | TIMER |
| 9 | 4 | ACI | JR22FR | RED PILOT LIGHT |
| 10 | 1 | SQUARE D | 9070TF350D1 | TRANSFORMER |
| 11 | 1 | ABB | S3B225 DW/LUGS | MOLDED CASE SWITCH |
| 12 | 2 | ACI | JR22FY | AMBER PILOT LIGHT |
| 13 | 1 | ABB | K5VDM | MECHANISM |
| 14 | 1 | ABB | OXP10X225 | SHAFT |
| 15 | 1 | ABB | OHB95L10 | HANDLE |
| 16 | 1 | BUSSMAN | 16371 | DISTRIBUTION BLOCK |
| 17 | 1 | CH | CHSA03 | LIGHTNING ARRESTER |
| 18 | 1 | SSAC | PLMU11 | PHASE MONITOR |
| 19 | 1 | SQUARE D | QOU115 | CB3 |
| 20 | 2 | MCMASTER | 1672T22-120V | ETM |
| 21 | 4 | MAGNECRAFT | W388AMLCPX-9 | CR1-4 |
| 22 | 1 | ACI | JR22AN11B | PUSH BUTTON |
| 23 | 1 | ZERUST | VC2-1 | CORROSION INHIBITOR |

| | | | | | | | | | | |
|------------------|--------------------------------|--|-------------------------------|----------------|----------------------|---|----|----------|------|----|
| | Drawing Title | | | | | | | | | |
| | BILL OF MATERIALS | | | | | | | | | |
| | | | REFERENCE DRAWING | | NO. | REVISION-LOCATION | | ECN | DATE | BY |
| DATE 10/20/03 | | | S/N | Sales Engineer | Application Engineer | DRAWN | | APPROVED | | |
| | | | | C.C. | R.C. | BY C. RACHAL | BY | DATE | | |
| | Project Title | | COX | | | PURCHASE ORDER NUMBER DRAWING NUMBER CP-1674 SHEET NUMBER 5 | | | | |
| | DUPLEX BLOWER CONTROL PANEL | | Research and Technology, Inc. | | | | | | | |
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