

PARSON & SANDERSON, INC.

DUPLEX PUMP
CONTROL PANEL
WESTLAKE

PARSON & SANDERSON, INC.
P.O. BOX 958
METAIRIE, LA 70004
(504) 733-1330 Fax (504) 736-9348

| | | |
|----------------------------------|------------------------|--|
| VOLTAGE | <u>277/480V</u> | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | <u>3/60</u> | |
| NO. MOTORS | <u>2</u> | |
| HP | <u>10</u> | |
| FLA | <u>13.0</u> | |
| TYPE OF PUMP | <u>Self-Priming</u> | (Self-Priming, Submersible) |
| MANUFACTURER | <u>Hydromatic</u> | |
| CATALOG NUMBER | | |
| | | |
| CONTROL VOLTAGE | <u>120V</u> | (120V, Other) |
| ENCLOSURE | <u>NEMA 3R</u> | (NEMA 1, NEMA 3R, NEMA 4, NEMA 4X) |
| ENCLOSURE MATERIAL | <u>Stainless Steel</u> | (Painted Steel, Stainless Steel, Fiberglass) |
| CONTROL SENSOR | <u>FLOATS</u> | (FLOATS, Bubbler, Other) |
| CAPACITORS | <u>No</u> | (Yes, No) |
| CAPACITOR WIRING FIGURE | | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

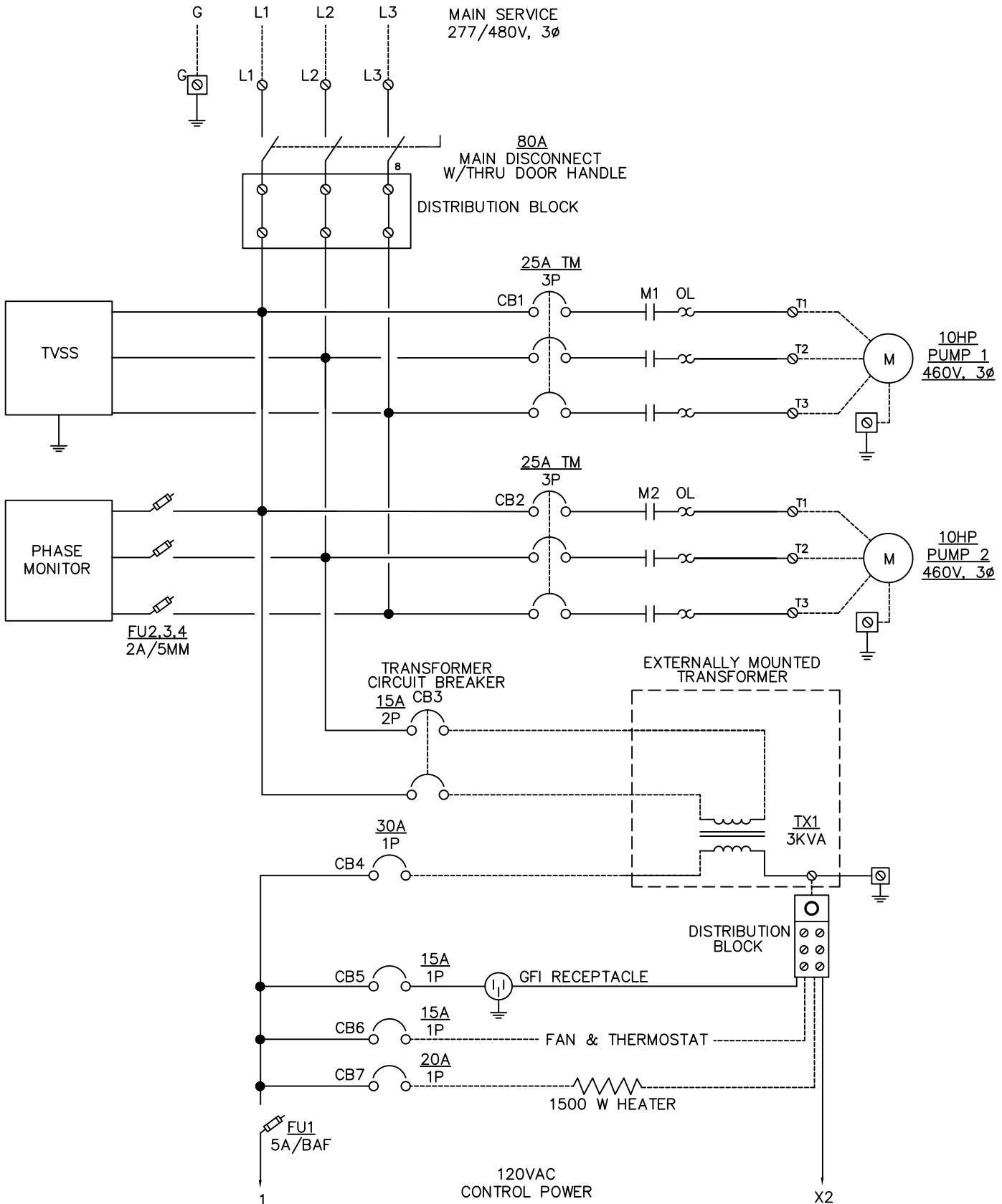
OPTIONS:

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

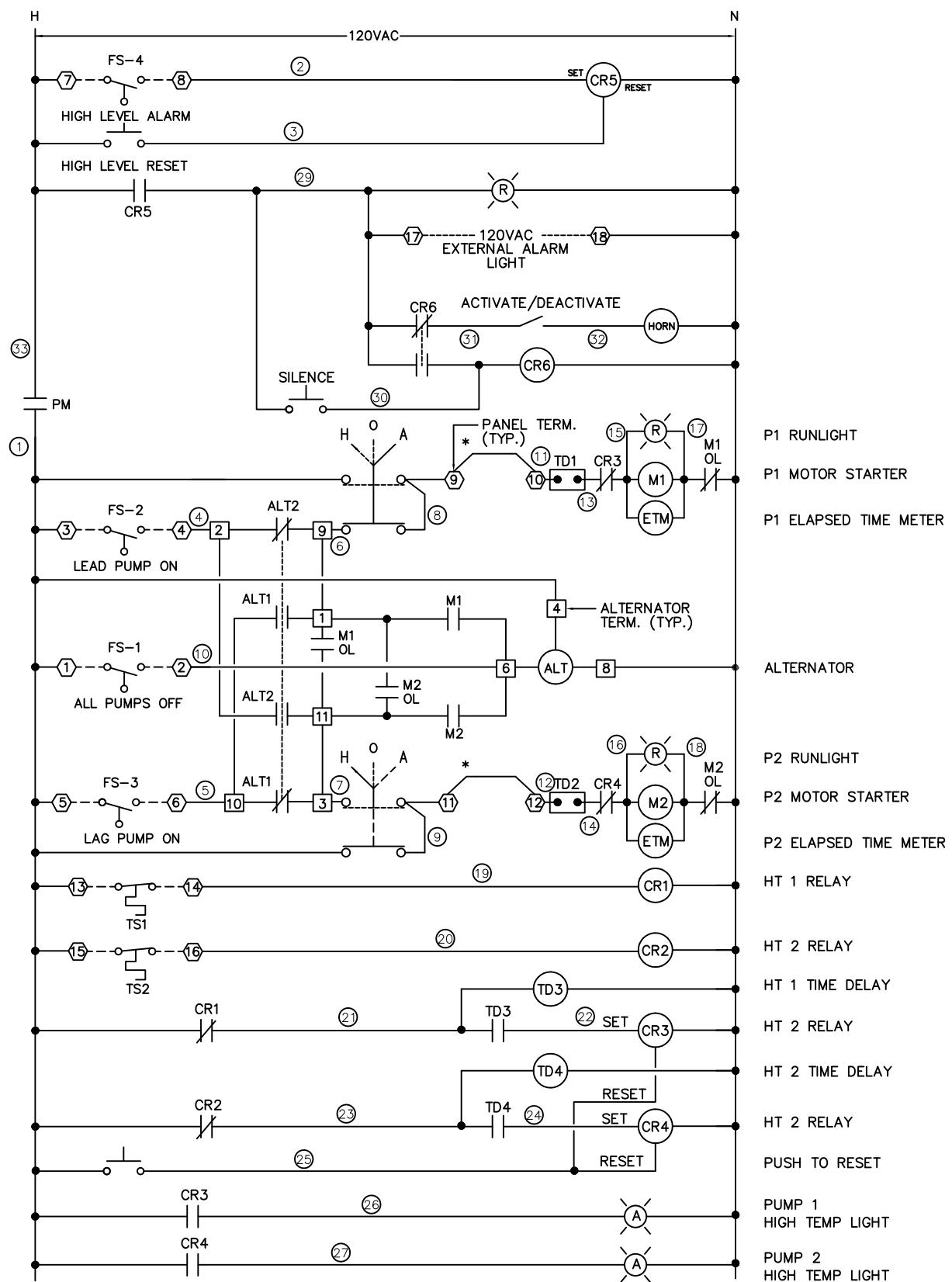
SOLD TO: Parson & Sanderson, Inc.
TAG : WESTLAKE

SHIP TO: Blake Hines, Inc.
WESTLAKE, LA

| Drawing Title | PANEL DESCRIPTION | | REFERENCE DRAWING S/N | NO. C.C. | REVISION-LOCATION DRAWN BY C. RACHAL | ECN | DATE | BY |
|-----------------|---|---|---|-------------|--|--------------------------|---------------------|----|
| | | | | | | DATE APPROVED BY DATE | APPROVED BY DATE | |
| DATE 8/02/05 | Project Title DUPLEX PUMP CONTROL PANEL | PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348 | PURCHASE ORDER NUMBER DRAWING NUMBER CP-2121 SHEET NUMBER 1 | | | | | |



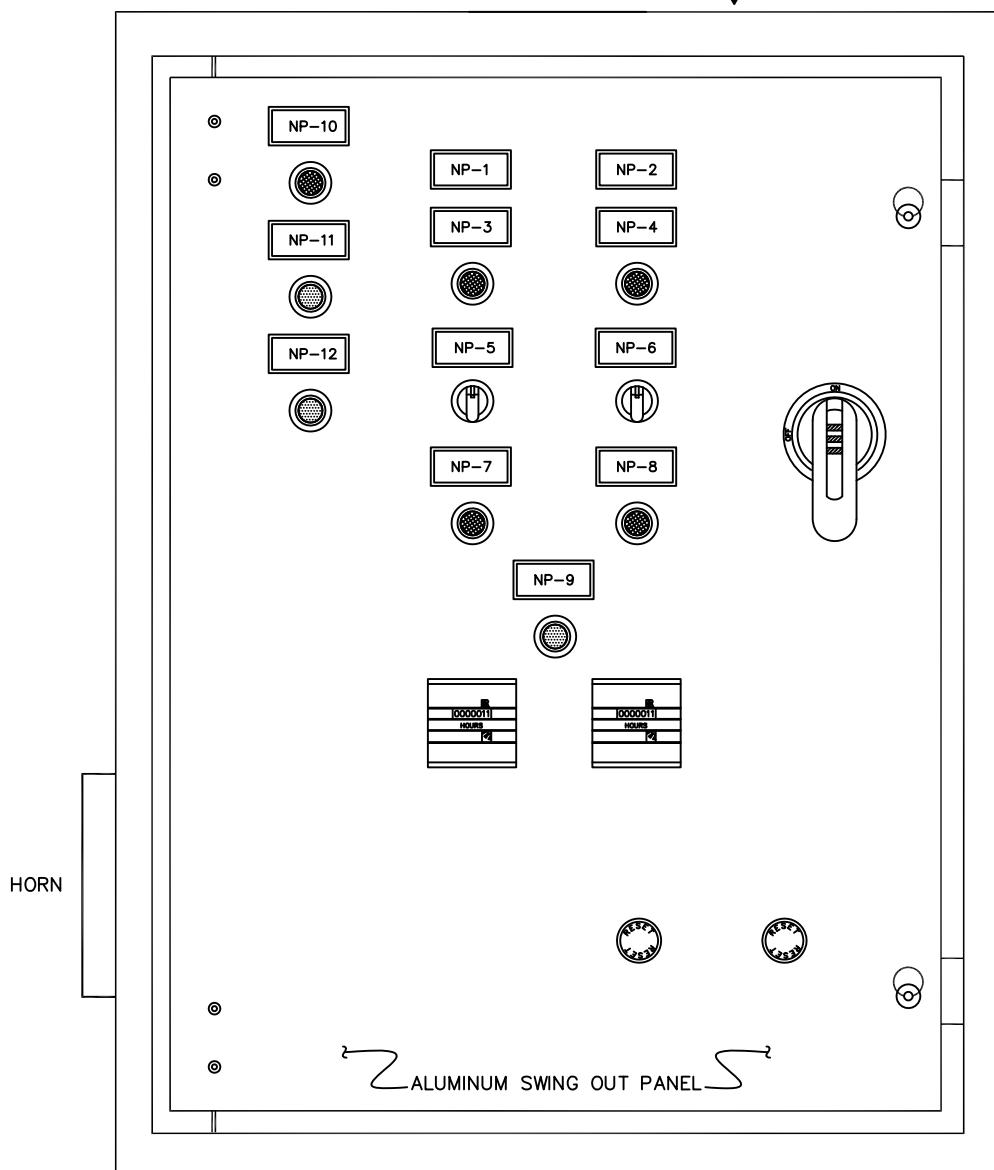
| | | | | | | | |
|-----------------|------------------------------------|------------------------|---|-----------------------|-----------------------|------|----|
| | Drawing Title POWER DIAGRAM | | | | | | |
| | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY |
| DATE 8/02/05 | S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY C. RACHAL | APPROVED BY | DATE | |
| | Project Title | | PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348 | | PURCHASE ORDER NUMBER | | |
| | | | | | DRAWING NUMBER | | |
| | | | CP-2121 | | SHEET NUMBER | | |
| | | | | | 2 | | |



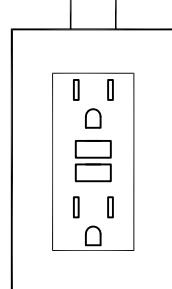
* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

| | Drawing Title CONTROL DIAGRAM | REFERENCE DRAWING | | NO. DRAWN | REVISION-LOCATION | ECN | DATE | BY |
|---|---|-------------------|------------------------|--------------|-------------------|---|------|----|
| | | S/N | Sales Engineer C.C. | | | | | |
| DATE 8/02/05 | Project Title DUPLEX PUMP CONTROL PANEL | | | | | | | |
| | | | | | | | | |
| PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348 | | | | | | PURCHASE ORDER NUMBER DRAWING NUMBER CP-2121 SHEET NUMBER 3 | | |

NEMA 3R STAINLESS STEEL ENCLOSURE



VIEW OF SWING OUT PANEL



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

| NAMEPLATE SCHEDULE | | | | | | | | | | | |
|--------------------|------------------|--|--|--|--|--|--|--|--|--|--|
| NP-1 | PUMP 1 | | | | | | | | | | |
| NP-2 | PUMP 2 | | | | | | | | | | |
| NP-3 | RUN | | | | | | | | | | |
| NP-4 | RUN | | | | | | | | | | |
| NP-5 | H-O-A | | | | | | | | | | |
| NP-6 | H-O-A | | | | | | | | | | |
| NP-7 | HIGH TEMP | | | | | | | | | | |
| NP-8 | HIGH TEMP | | | | | | | | | | |
| NP-9 | HIGH TEMP RESET | | | | | | | | | | |
| NP-10 | HIGH LEVEL | | | | | | | | | | |
| NP-11 | HIGH LEVEL RESET | | | | | | | | | | |
| NP-12 | HORN SILENCE | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|------------------------------|---|----------------------|-------------------|-----|----------|----|-----------------------|---------|--|--|
| | Drawing Title | | | | | | | | | | |
| | ENCLOSURE | | | | | | | | | | |
| | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY | | | | |
| DATE 8/02/05 | S/N | Sales Engineer | Application Engineer | DRAWN | | APPROVED | | | | | |
| | C.C. | | R.C. | BY C. RACHAL | BY | DATE | | | | | |
| | Project Title | PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348 | | | | | | PURCHASE ORDER NUMBER | | | |
| | DUPLEX PUMP CONTROL PANEL | | | | | | | DRAWING NUMBER | CP-2121 | | |
| | | | | | | | | SHEET NUMBER | 4 | | |

BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|---------------|----------------|--------------------|
| 1 | 1 | C & I | C-302410SRHPL | ENCLOSURE |
| 1a | 1 | C & I | CI-3024P | BACKPLATE |
| 1b | 1 | C & I | CI-3024SPA | DEAD FRONT |
| 2 | 1 | ABB | OT63E3 | MAIN DISC. SWITCH |
| 3 | 2 | ABB | A26N1-30-10-84 | MOTOR STARTER |
| 4 | 2 | ABB | TA25DU14 | O.L. 1,2 (10-14A) |
| 5 | 2 | ABB | T1N025TL | CB1, CB2 |
| 6 | 1 | TIMEMARK | 261DT120 | ALTERNATING RELAY |
| 7 | 3 | ACI | JR22FR | RED PILOT LIGHT |
| 8 | 2 | ACI | JR22P3M20B | HOA SWITCH |
| 9 | 2 | ACI | JR22FY | AMBER PILOT LIGHT |
| 10 | 1 | SQUARE D | 3S1F | TRANSFORMER |
| 11 | 1 | LUMA PRO | 3RB18 | ALARM LIGHT |
| 12 | 3 | IDECK | RU2SAC120 | CR1,2,6 |
| 13 | 1 | SQUARE D | QUU130 | CB4 |
| 14 | 2 | SQUARE D | QUU115 | CB5, CB6 |
| 15 | 3 | MAGNECRAFT | W388AMLCPX-9 | CR3,4,5 |
| 16 | 1 | ABB | S202UP-K15 | CB3 |
| 17 | 1 | EDWARDS | 870P-N5 | HORN |
| 18 | 3 | ACI | JR22AN11B | PUSH BUTTON |
| 19 | 2 | DAYTON | 2A561 | TIME DELAY 1,2 |
| 20 | 2 | OMRON | H3YN2AC120 | TIME DELAY 3,4 |
| 21 | 1 | FERRAZ-SHAMUT | ST4803PDG | TVSS |
| 22 | 1 | SSAC | PLMU-11 | PHASE MONITOR |
| 23 | 2 | REDINGTON | 711-0190 | ETM |
| 24 | 1 | MARATHON | 1323580 | DISTRIBUTION BLOCK |
| 25 | 1 | ABB | OHB65L5 | HANDLE |
| 26 | 1 | ABB | OXP5X265 | SHAFT |
| 27 | 1 | MARATHON | 1321570 | NEUTRAL BLOCK |
| 28 | 1 | SQUARE D | QUU120 | CB7 |

| | | | | | | | |
|--|--|---|---|------------------------------|-----------------------|----------------|---------------------------|
| | Drawing Title BILL OF MATERIALS DATE 8/02/05 | | | | | | |
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| | | S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY C. RACHAL | APPROVED BY | DATE |
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| | | | | | | | DRAWING NUMBER CP-2121 |
| | | | | | | | SHEET NUMBER 5 |