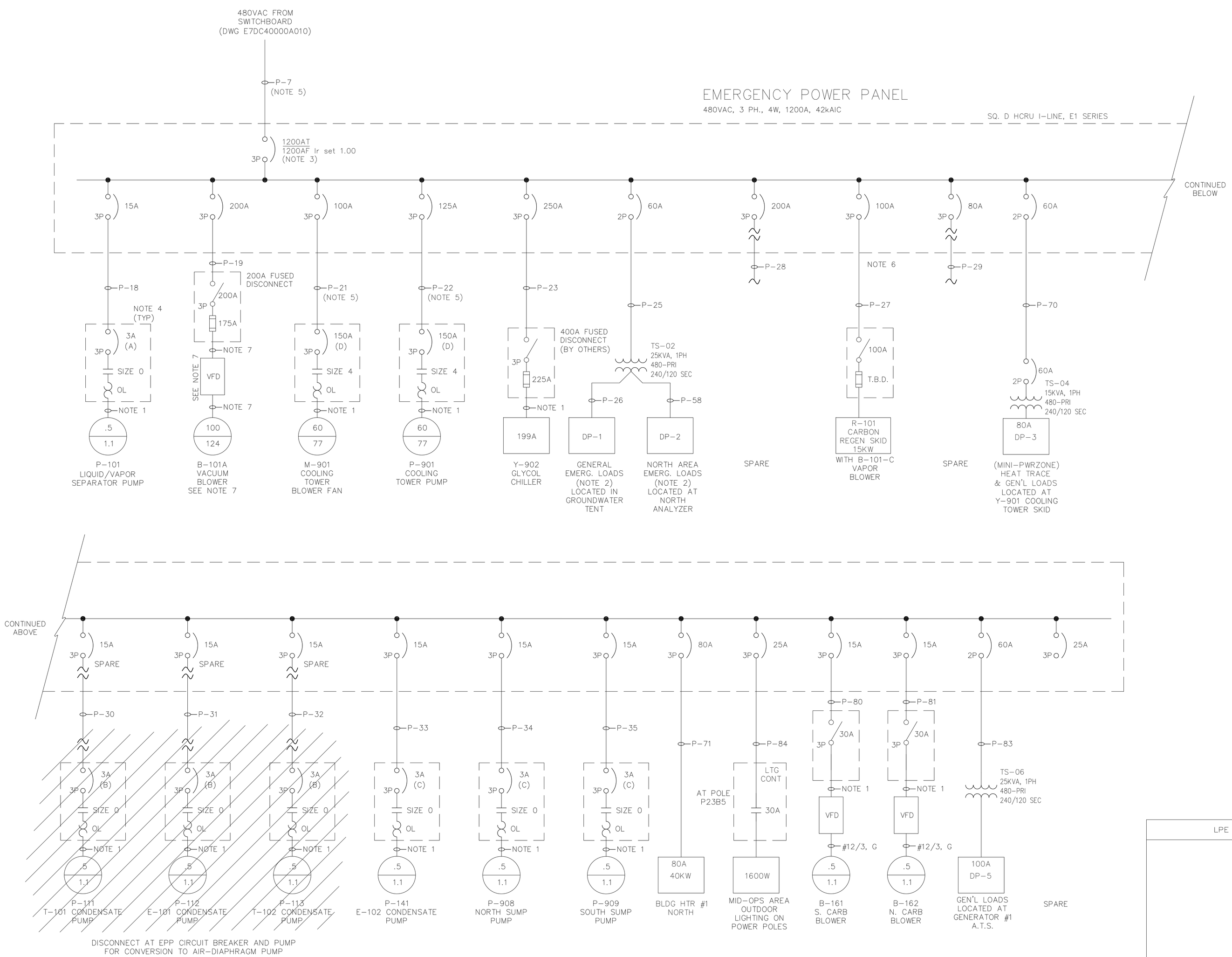


NOTES:

1. CIRCUITS PRE-WIRED BY VENDOR.
2. SEE DRAWING E7DC40000A020 FOR PANEL SCHEDULE.
3. SET B-RATING PLUG @ 1.00% Ir.
4. CUTLER-HAMMER HMCP MOTOR CIRCUIT PROTECTORS UTILIZED, (X) DENOTES THE CAM (TRIP) SETTING.
5. INCREASE CABLE SIZE OF P-7, P-21, P-22. SEE DWG. E7DC40000A014
6. DECREASE CABLE SIZE OF P-27 AS REQUIRED.
7. REPLACE V.F.D. FOR BLOWER MOTOR INCLUDE INNER-CABINET COOLING ENCLOSURE. REPLACE B-101A BLOWER MOTOR CABLE AS REQUIRED. REPLACE BLOWER MOTOR WITH 100HP, 1800RPM TEFC, INVERTER DUTY MOTOR
8. MAINTAIN CIRCUIT SIZE & CABLE TYPE FROM DISCONNECT SWITCH TO EQUIPMENT
9. CIRCUIT BREAKERS ARE SQ. D I-LINE POWER PACT FRAME RATINGS:
   - 150 A.F. – HJ
   - 200 A.F. – JJ
   - 400 A.F. – LC
   - 800 A.F. – MJ
   - 1200 A.F. – PJ } ELECTRONIC/ADJUSTABLE TRIP MODULE
   - 2500 A.F. – RK } ELECTRONIC/ADJUSTABLE TRIP MODULE

| REV. | DATE | DESCRIPTION | DRAWN BY | DRAFT CHK | PROJ ENGR | LEAD ENGR | CONF CTRL/ NUCL SFTY | FAC MGR | E&TS MGR |
|---|---|---|---|---|---|---|---|---|---|
| 7 | | ISSUED FOR AS-BUILT | | | | | | | |
| 6 | 10/26/12 | PHASE IIA DESIGN – CERTIFIED FOR CONSTRUCTION | HDH | PH | RCS | RCS | SJD | JRW | RES |
| 5 | 01/18/12 | PHASE IIA DESIGN | HDH | RCS | RCS | KAS | SJD | JRW | RES |
| 4 | 12/17/10 | AS-BUILT – UPDATE | HDH | RCS | RCS | RCS | SBM | MEC | RES |

DRAWING REVISIONS

U.S. DEPARTMENT OF ENERGY
PADUCAH, PORTSMOUTH PROJECT OPERATIONS,
PADUCAH GASEOUS DIFFUSION PLANT

LPE

LATA Environmental Services of Kentucky, LLC
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC30-10CC40020
Paducah, Kentucky

DOE CONTRACT NO. DE-AC30-10CC40020

PROJECT NAME:
C-400 REMEDIATION DESIGN

TITLE:
GROUNDWATER/VAPOR TREATMENT SYSTEM
ELECTRICAL
TREATMENT SYSTEM ONE LINE DIAGRAM

| CAD FILE NAME | BUILDING | PLANT | CLASS |
|---|---|---|---|
| E7DC40000A011 rev7.DWG | C-400 | PGDP | U |

| DATE | SCALE: | DRAWING NUMBER | REV |
|---|---|---|---|
| PROFESSIONAL SEAL | NONE | E7DC40000A011 | 7 |