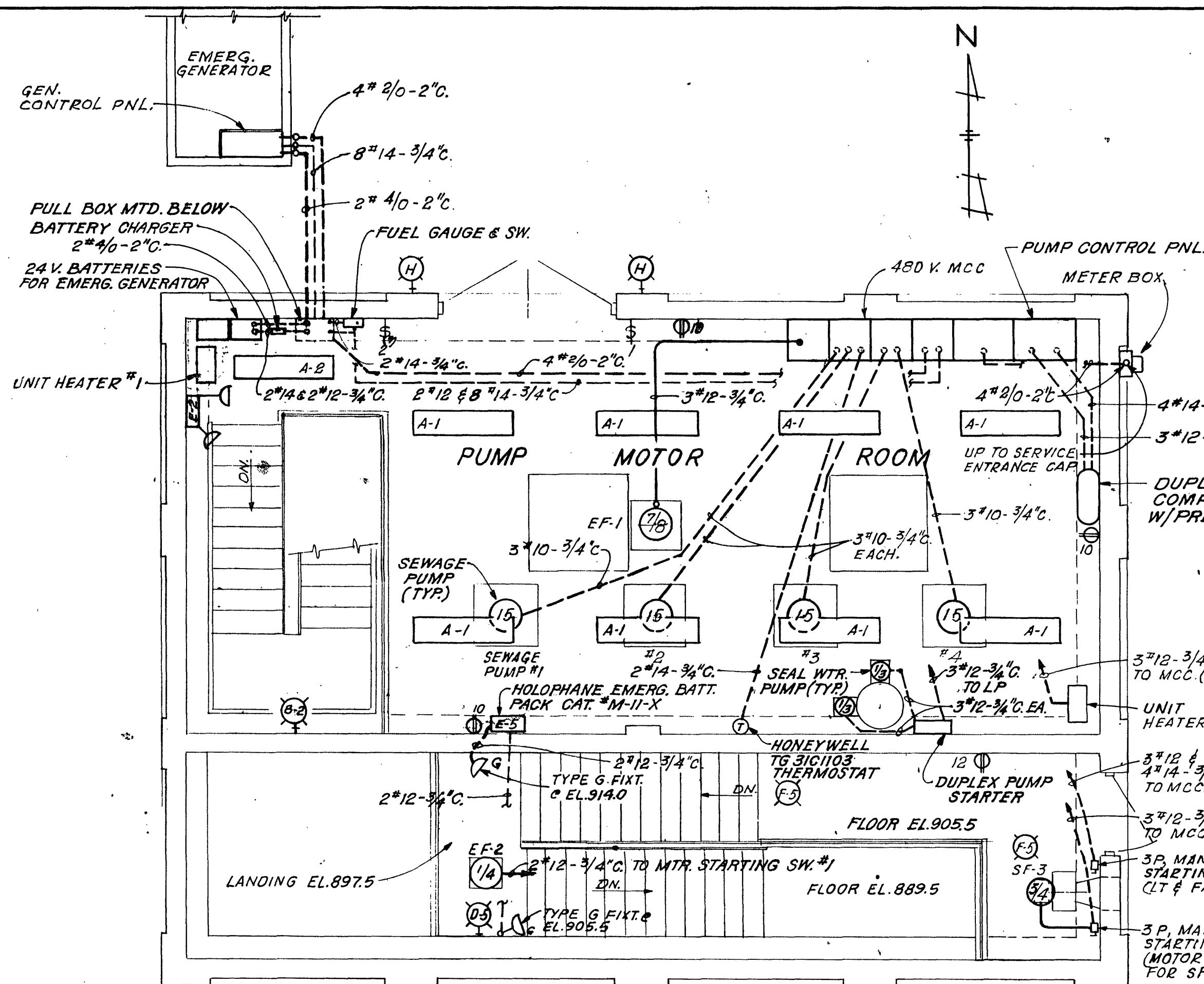
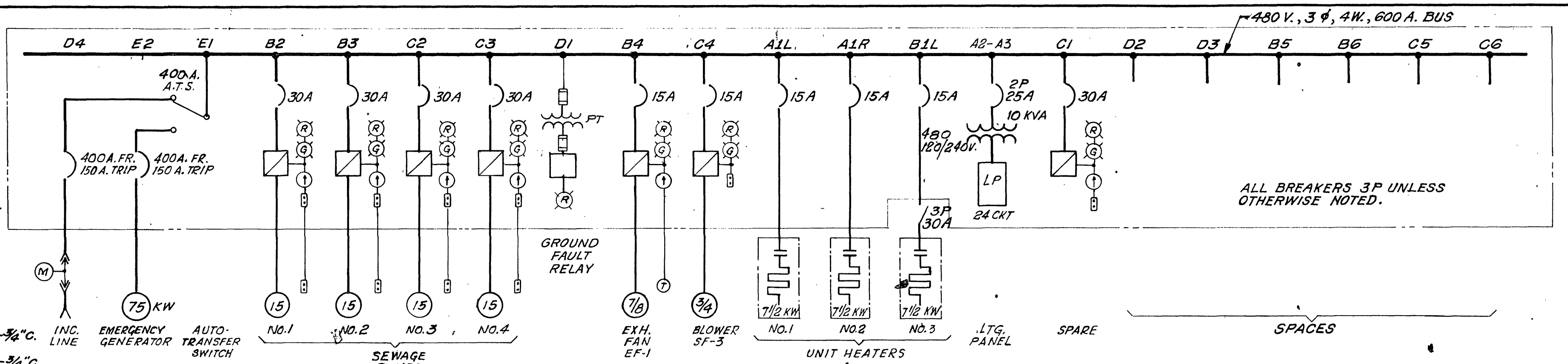


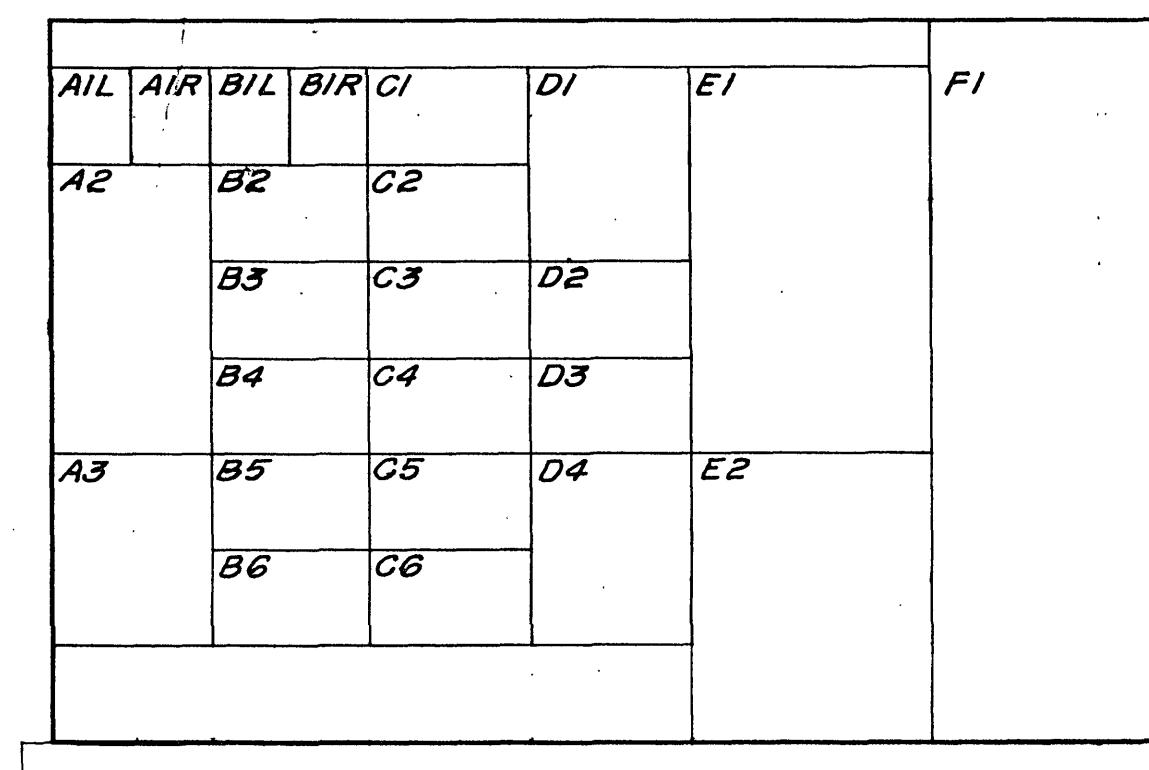


PLAN AT ELEVATION 915.5

SCALE: 1/4"=1'-0"



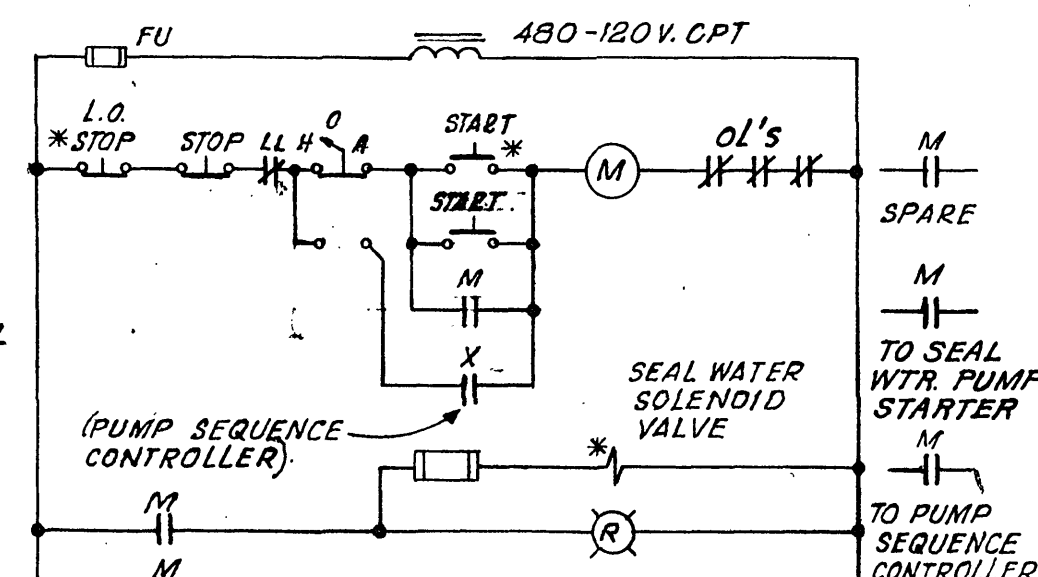
SINGLE LINE DIAGRAM



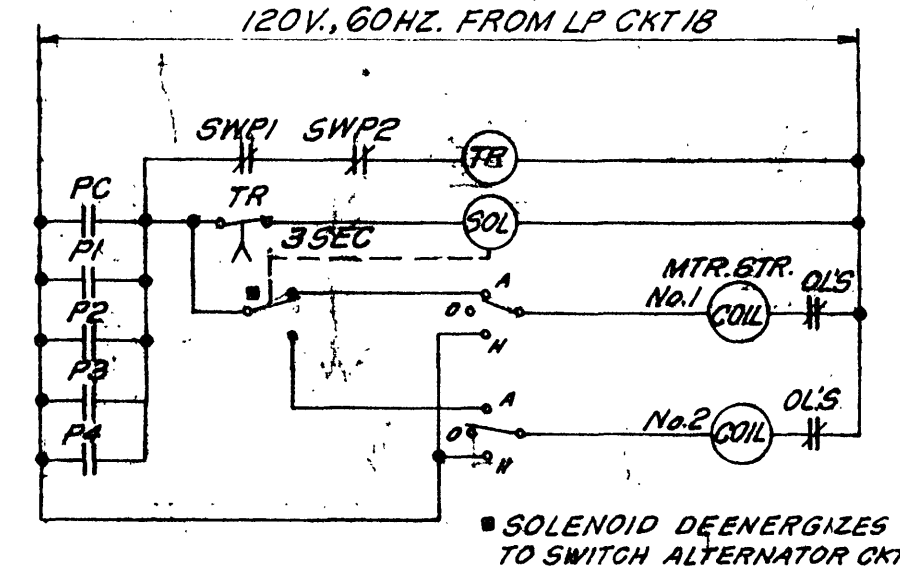
**ELEVATION
MOTOR CONTROL CENTER**

SCALE: 1/2"=1'-0"

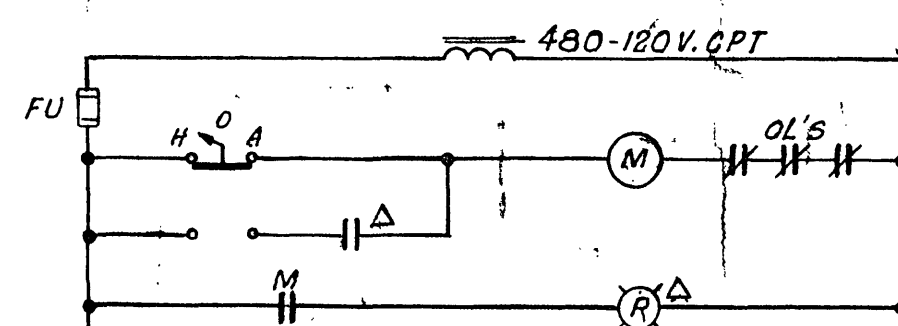
- AIL - UNIT HEATER NO. 1
AIR - UNIT HEATER NO. 2
A2 - LIGHTING PANEL
A3 - 10 KVA LTG. TRANS.
B1R - UNIT HEATER NO. 3
B2 - SPACE
B3 - SPACE
B4 - EXHAUST FAN EF-1
B5 - SPACE
B6 - SPACE
C1 - SPARE, SIZE-1, FVNR
C2 - SEWAGE PUMP NO. 3
C3 - SEWAGE PUMP NO. 4
C4 - SUPPLY FAN SF-3
C5 - SPACE
C6 - SPACE
D1 - GROUND FAULT RELAY
D2 - SPACE
D3 - SPACE
D4 - INCOMING LINE
E1 - AUTO TRANSFER SWITCH
E2 - GENERATOR BKR.
F1 - PUMP CONTROL PANEL



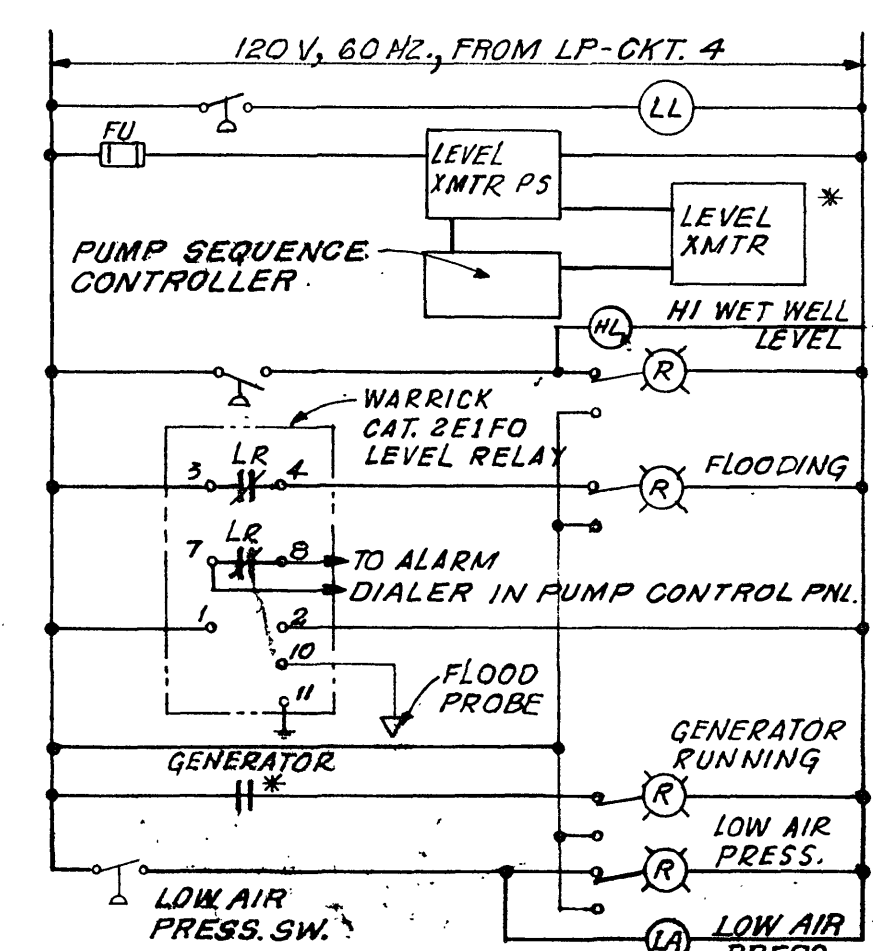
**SEWAGE PUMP No. 1 ~ No. 4
* - LOCAL DEVICES**



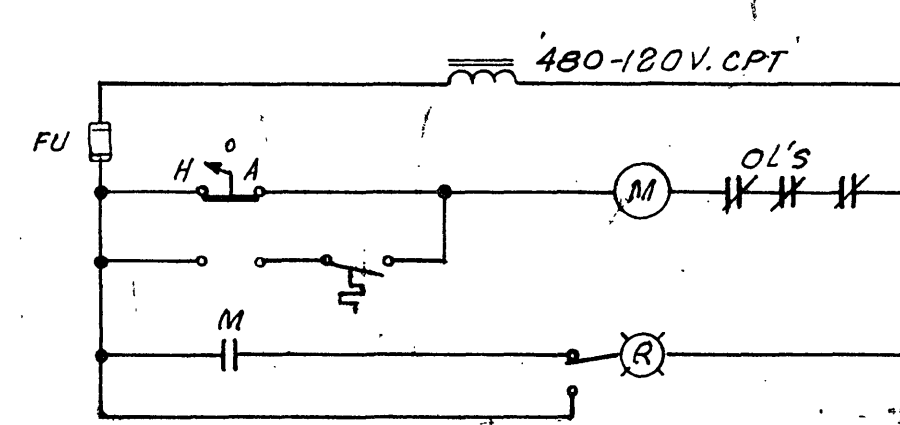
SEAL WATER PUMPS



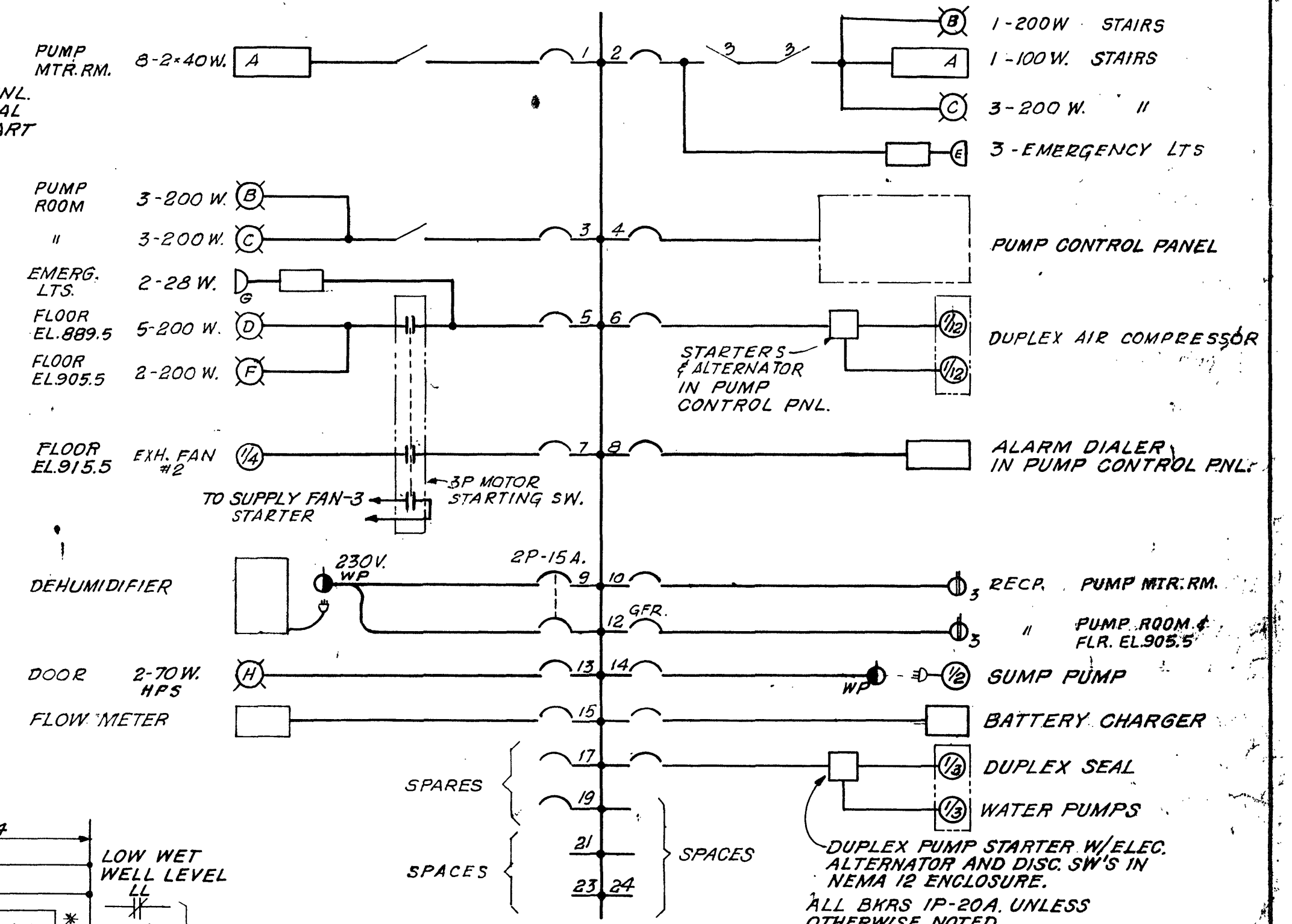
SUPPLY FAN SF-3



**ALARM
* - LOCAL DEVICES**

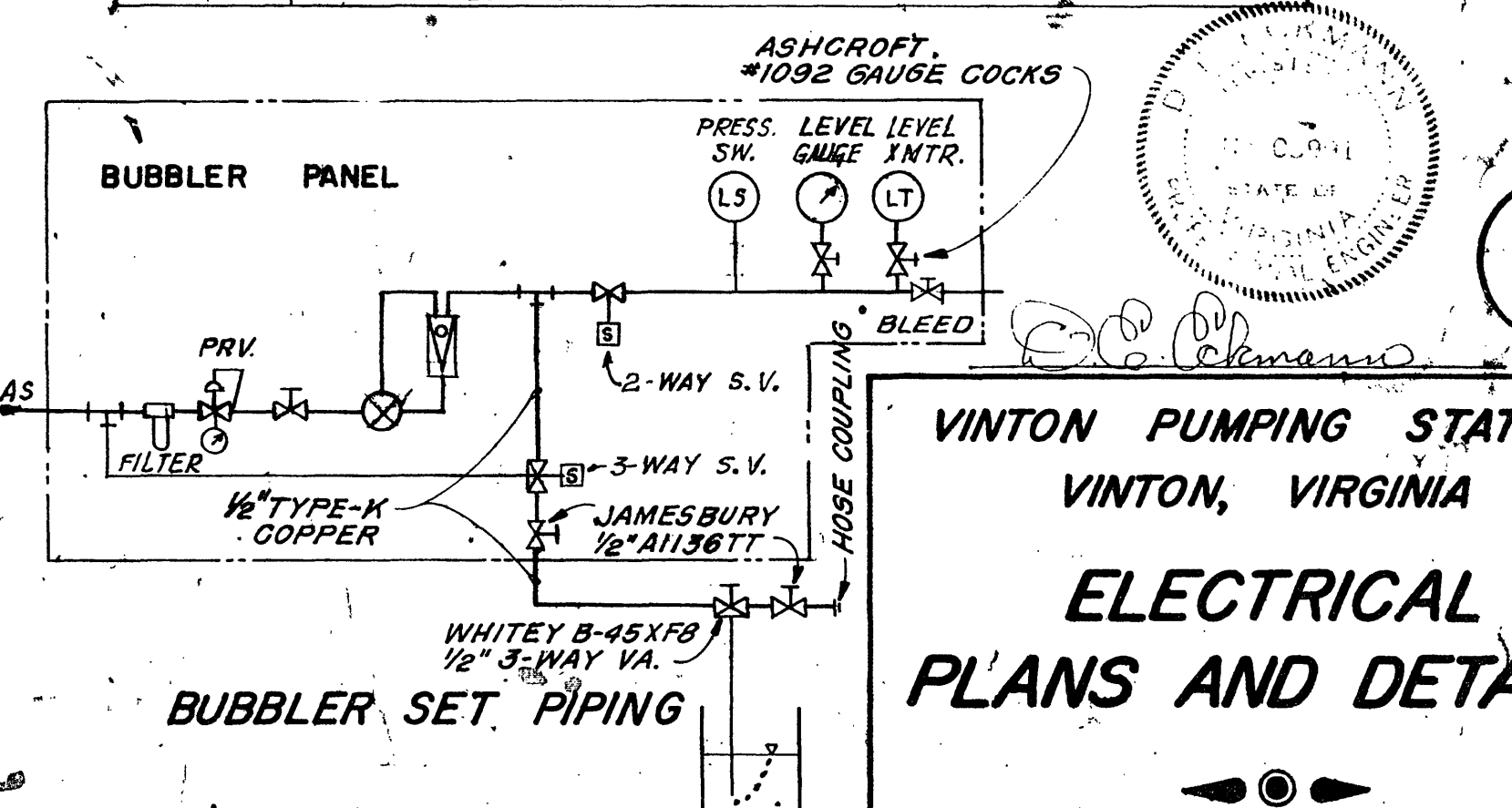


ROOF EXHAUST FAN EF-1



**LIGHTING PANEL - LP
(120/240 V. 1P, 3W, 100A ML, S/N)**

LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION
A	2-FT 40, MILLER CAT. KT-2110-C4
B	200W. INC. WALL MTD. APPLETON CAT. VQA 2075
C	200W. INC. PENDANT MTD. APPLETON CAT. VPA 2075 W/ SHALLOW DOME REFLECTOR & ANG 7550 FIXTURE HANGER
D	200W. INC. WALL MTD. EXP. PROOF APPLETON CAT. ASB 2075
E	2-35 W. EMERG. HOLLOPHANE CAT. M-11-2C-X
F	200W. INC. PENDANT MTD. EXP. PROOF APPLETON CAT. VPA 2075 SH.
G	28 W. EMER. LAMP HEAD, CHLORIDE CAT. R HZ-1-12-28W
H	70W. HPS. WALL MTD. MOLDCAST PARACYL, CAT. #89020-120V-BZ-FR-FI-TP



BUBBLER SET PIPING

LEGEND

- EXPOSED CONDUIT.
- CONDUIT CONCEALED IN FLOOR, CEILING OR WALL.
- GROUND CABLE.
- DUPLEX RECP.
- SIMPLEX RECP.
- TOGGLE SW.
- 3-WAY TOGGLE SW.
- P.B. STA.

PLAN AT ELEVATION 890.00

SCALE: 1/4"=1'-0"

NOTES.

- ELECTRICAL INSTALLATIONS IN WET WELL ELEV. 890.0 AND 915.5 SHALL MEET ALL REQUIREMENTS FOR CLASS I DIVISION 2D HAZARDOUS LOCATIONS.
- ELECTRICAL ENCLOSURES IN PUMP ROOM, ELEV. 915.5 SHALL BE NEMA 1.
- ELECTRICAL INSTALLATIONS IN PUMP ROOM ELEV. 890.0 SHALL BE WATERTIGHT. ENCLOSURES SHALL BE NEMA 4.

TYPICAL CONTROL SCHEMATIC DIAGRAMS

VINTON PUMPING STATION
VINTON, VIRGINIA
**ELECTRICAL
PLANS AND DETAILS**

ALYORD, BURDICK & HOWSON
ENGINEERS 1981 CHICAGO