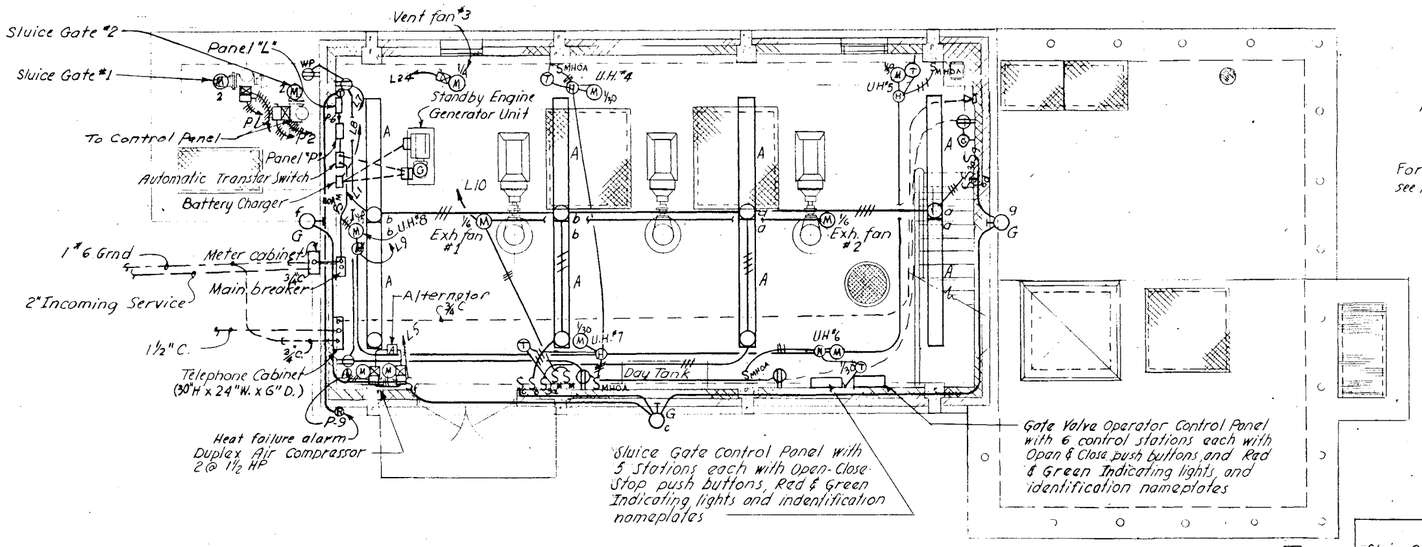
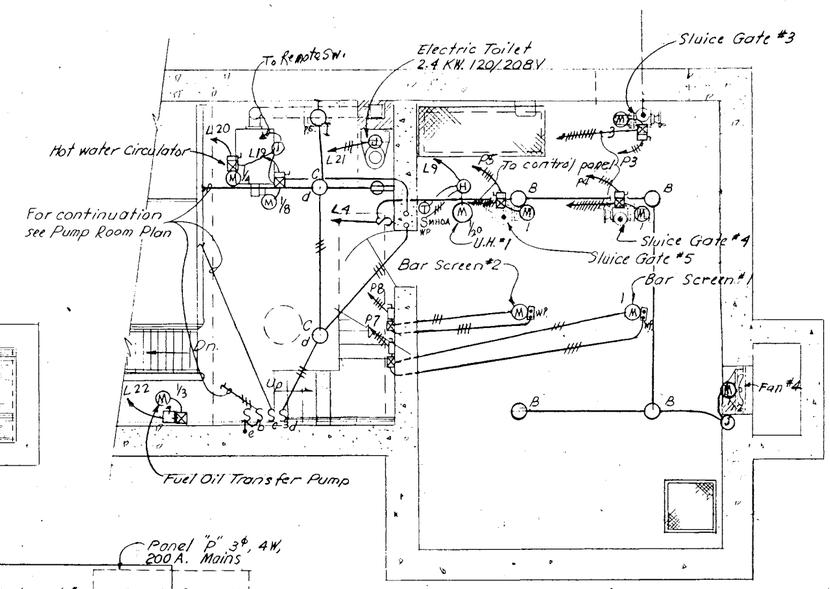
CORPS OF ENGINEERS | U. S. ARMY



PLAN - ENGINE ROOM

(EL. 48.5)

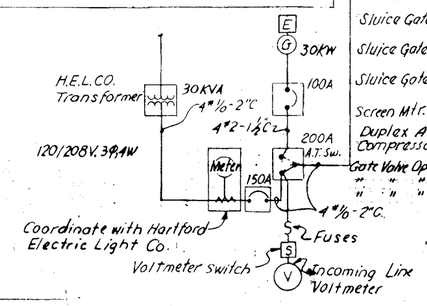
SCALE 1/4" = 1'-0"



PLAN - MEZZANINE & SCREEN BAR ROOM

(EL. 36.5)

SCALE 1/4" = 1'-0"



Panel "P" 3Φ, 4W, 200 A. Mains

Sluice Gate #1	20A 3P	1	2	3P 20A	Sluice Gate #2	
Sluice Gate #3	30A 3P	3	4	3P 15A	Sluice Gate #4	
Sluice Gate #5	15A 3P	5	6	3P 100A	Lighting	
Screen Mtr. #1	15A 3P	7	8	3P 15A	Screen Mtr. #2	4 #2-1½"C
Duplex Air Compressor	15A 3P	9	10	3P 15A	Duplex Sump Pp	
Gate Valve Oper. #1A	15A 3P	11	12	3P 15A	Gate Valve Operator #1B	
" " " #2A	15A 3P	13	14	3P 15A	" " " #2B	
" " " #3A	15A 3P	15	16	3P 15A	" " " #3B	

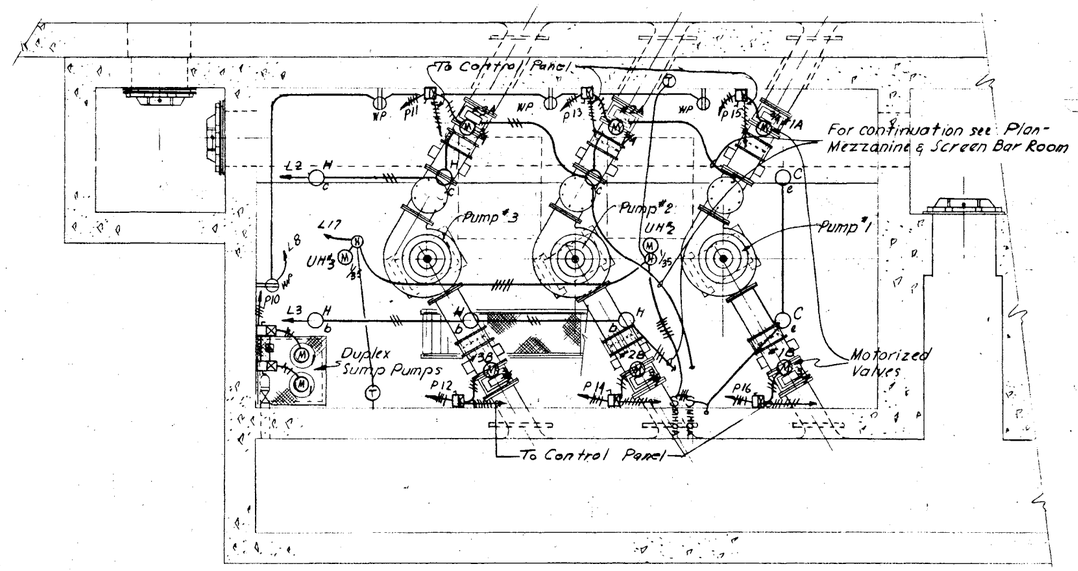
Lighting Panel, 3Φ, 4W, 100A. Mains

Lighting Engine Rm	20A	1	2	* 20A	Lighting Pp. Rm. & Mezzanine ⚠	
Lighting Pp. Room	20A	3	4	20A	Lighting Screen Bar Room	
Lighting Ext. & Sink	20A	5	6	20A	Spare	
⚠ Receptacles Engine Room	20A	* 7	8	* 20A	Receptacles Pump Rm. ⚠	
Unit Heaters, Engine & Screen Bar Room	20A	9	10	20A	Exhaust Fans #1 & #2	
Spare	20A	11	12	20A	Spare	
"	20A	13	14	20A	"	
"	20A	15	16	20A	"	
Unit Heaters, Pump Rm	20A	17	18	15A	Battery Charger	
Oil-Burner	15A	19	20	15A	Circulator	
Electric Toilet	20A	21	22	20A	Fuel Oil Transfer Pump	
		23	24	15A	Vent Fan #3	

NOTE:
1. For Legend and Fixture Schedule, see Armory Pumping Station, Electrical Plan No 1, Sheet 110.
⚠ 2. * = Breaker with Ground Fault Protection

ONE LINE DIAGRAM

NO SCALE



PLAN — PUMP ROOM

(EL. 17.0)

SCALE 1/4" = 1'-0"

As Built Drawing

Contract No. DACW 33-78-C-0098

VALUE ENGINEERING PAYS DIVIDENDS

SAFETY PAYS

GRAPHIC SCALES

1/4" = 1'-0"

REVISION	DATE	DESCRIPTION	BY
	4-4-83	Final field corrections	
⚠	20 June 79	Ground Fault Protection Added	BJS

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

DES. BY L F | DR. BY J D | CK. BY J.M.S

SUBMITTED: CHIEF, MECH.-ELECT. SECTION

APPROVED RECOMMENDED: CHIEF, ELEC. DES. BRANCH

REVIEWED: PROJECT ENGINEER

APPROVED RECOMMENDED: CHIEF, PROJECT BRANCH

APPROVED: CHIEF, ENGINEERING DIVISION

WATER RESOURCES DEVELOPMENT PROJECT
PARK RIVER LOCAL PROTECTION
POPE PARK PUMPING STATION
ELECTRICAL - PLANS

HARTFORD CONNECTICUT

DATE MARCH 1976

SCALE AS SHOWN | SPEC. NO. DACW33-78-B-0040

DRAWING NUMBER PAR - 1 SHEET 78