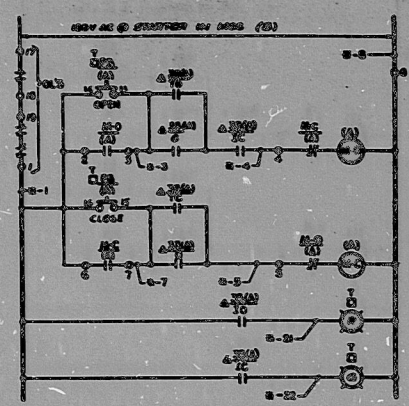


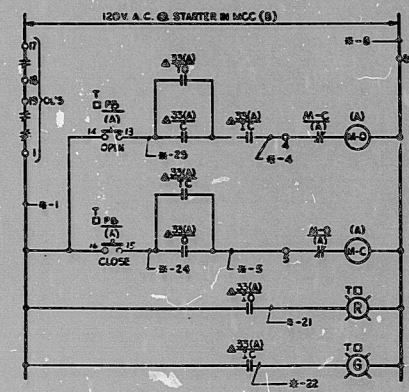
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

K
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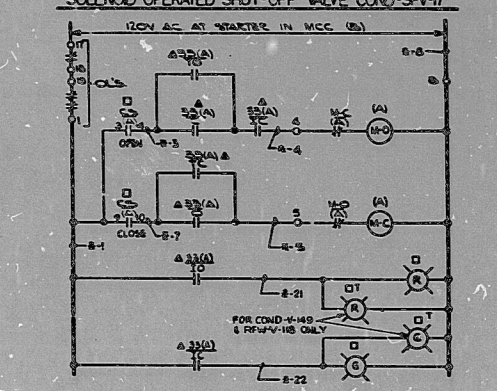
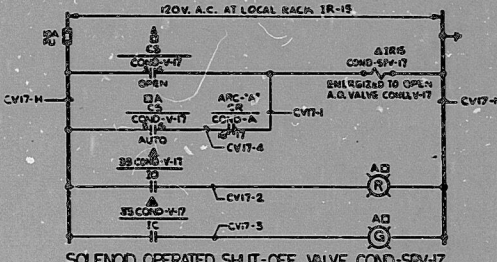
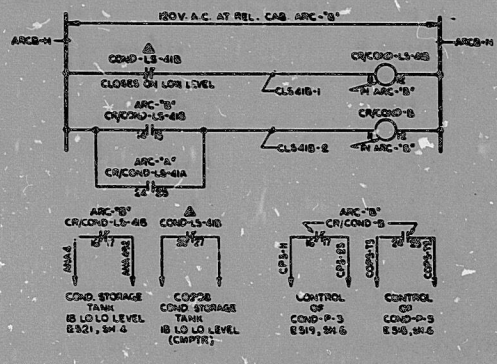
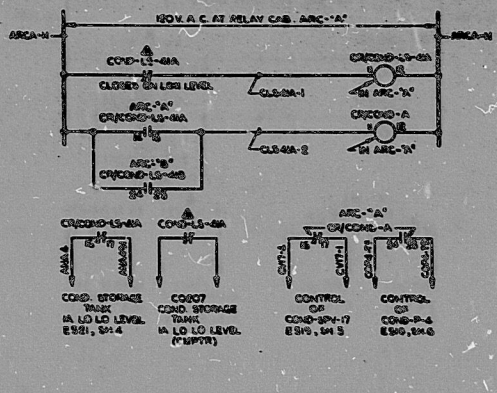
COND. VALVE (A)	WIRE PREFIX (B)	MOTOR OPERATOR (C)
COND-V-135A	CV135A	MC-3A
COND-V-135B	CV135B	MC-3B
COND-V-135C	CV135C	MC-3C
COND-V-140A	CV140A	MC-3A
COND-V-140B	CV140B	MC-3B
COND-V-140C	CV140C	MC-3C
COND-V-142A	CV142A	MC-1A
COND-V-142B	CV142B	MC-1B
COND-V-142C	CV142C	MC-1C
COND-V-144A	CV144A	MC-1A
COND-V-144B	CV144B	MC-1B
COND-V-144C	CV144C	MC-1C

MOTOR OPERATED CONDENSATE VALVES



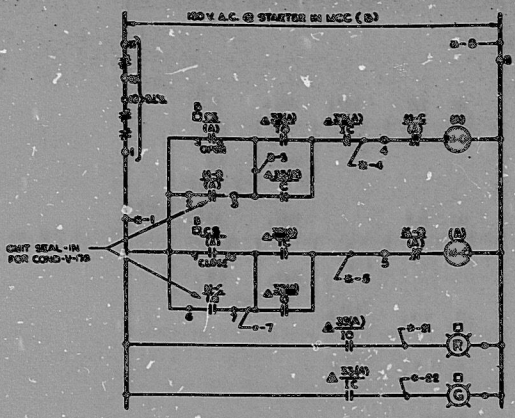
MOTOR OPER. VALVE (A)	WIRE PREFIX (B)	MOTOR OPERATOR (C)
COND-V-135A	CV135A	MC-3A
COND-V-135B	CV135B	MC-3B
COND-V-135C	CV135C	MC-3C
COND-V-140A	CV140A	MC-3A
COND-V-140B	CV140B	MC-3B
COND-V-140C	CV140C	MC-3C
COND-V-142A	CV142A	MC-1A
COND-V-142B	CV142B	MC-1B
COND-V-142C	CV142C	MC-1C
COND-V-144A	CV144A	MC-1A
COND-V-144B	CV144B	MC-1B
COND-V-144C	CV144C	MC-1C

MOTOR OPERATED THROTTLING VALVES



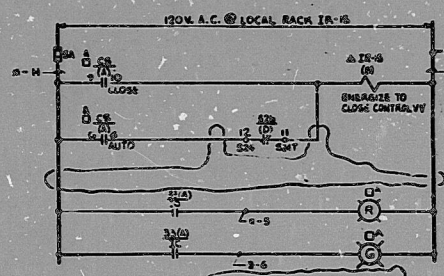
COND. VALVE (A)	WIRE PREFIX (B)	MOTOR OPERATOR (C)
COND-V-135A	CV135A	MC-3A
COND-V-135B	CV135B	MC-3B
COND-V-135C	CV135C	MC-3C
COND-V-140A	CV140A	MC-3A
COND-V-140B	CV140B	MC-3B
COND-V-140C	CV140C	MC-3C
COND-V-142A	CV142A	MC-1A
COND-V-142B	CV142B	MC-1B
COND-V-142C	CV142C	MC-1C
COND-V-144A	CV144A	MC-1A
COND-V-144B	CV144B	MC-1B
COND-V-144C	CV144C	MC-1C

MOTOR OPERATED THROTTLING VALVES



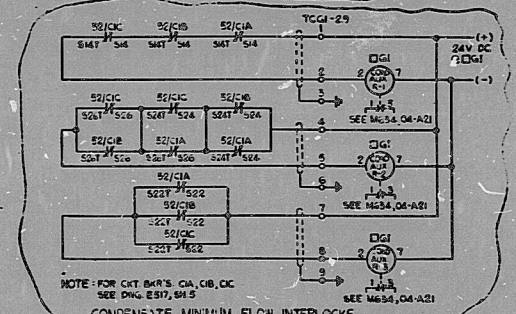
TAG NO.	WIRE PREFIX	COND. VALVE	COND. VALVE
COND-V-135A	CV135A	MC-3A	A
COND-V-135B	CV135B	MC-3B	A
COND-V-135C	CV135C	MC-3C	A
COND-V-140A	CV140A	MC-3A	A
COND-V-140B	CV140B	MC-3B	A
COND-V-140C	CV140C	MC-3C	A
COND-V-142A	CV142A	MC-1A	A
COND-V-142B	CV142B	MC-1B	A
COND-V-142C	CV142C	MC-1C	A
COND-V-144A	CV144A	MC-1A	A
COND-V-144B	CV144B	MC-1B	A
COND-V-144C	CV144C	MC-1C	A

MAIN EXTRACT STEAM AND CONDENSATE VALVES

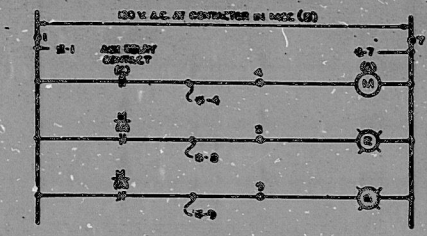


COND. VALVE (A)	WIRE PREFIX (B)	MOTOR OPERATOR (C)
COND-V-135A	CV135A	MC-3A
COND-V-135B	CV135B	MC-3B
COND-V-135C	CV135C	MC-3C
COND-V-140A	CV140A	MC-3A
COND-V-140B	CV140B	MC-3B
COND-V-140C	CV140C	MC-3C
COND-V-142A	CV142A	MC-1A
COND-V-142B	CV142B	MC-1B
COND-V-142C	CV142C	MC-1C
COND-V-144A	CV144A	MC-1A
COND-V-144B	CV144B	MC-1B
COND-V-144C	CV144C	MC-1C

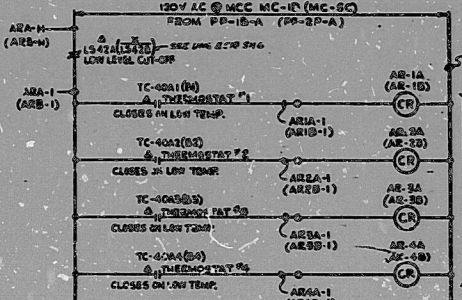
CONDENSATE BOOSTER PUMPS COND-P-2A, 2B, 2C STOP VALVES



CONDENSATE BOOSTER PUMPS COND-P-2A, 2B, 2C STOP VALVES



COND. VALVE (A)	WIRE PREFIX (B)	MOTOR OPERATOR (C)
COND-V-135A	CV135A	MC-3A
COND-V-135B	CV135B	MC-3B
COND-V-135C	CV135C	MC-3C
COND-V-140A	CV140A	MC-3A
COND-V-140B	CV140B	MC-3B
COND-V-140C	CV140C	MC-3C
COND-V-142A	CV142A	MC-1A
COND-V-142B	CV142B	MC-1B
COND-V-142C	CV142C	MC-1C
COND-V-144A	CV144A	MC-1A
COND-V-144B	CV144B	MC-1B
COND-V-144C	CV144C	MC-1C



COND. VALVE (A)	WIRE PREFIX (B)	MOTOR OPERATOR (C)
COND-V-135A	CV135A	MC-3A
COND-V-135B	CV135B	MC-3B
COND-V-135C	CV135C	MC-3C
COND-V-140A	CV140A	MC-3A
COND-V-140B	CV140B	MC-3B
COND-V-140C	CV140C	MC-3C
COND-V-142A	CV142A	MC-1A
COND-V-142B	CV142B	MC-1B
COND-V-142C	CV142C	MC-1C
COND-V-144A	CV144A	MC-1A
COND-V-144B	CV144B	MC-1B
COND-V-144C	CV144C	MC-1C

CONDENSATE STORAGE TANK HEATERS CONTROL

TI APERTURE CARD

BURNS AND ROE, INC.
ENGINEERS AND ARCHITECTS
ORANGE, N.J. HONOLULU, HAWAII, LOS ANGELES, CALIF.

MOTOR VALVE & MISC. CONTROL
ELEMENTARY DIAGRAM
SHEET NO. 5

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
HAWAIIAN ISLANDS

DATE: 11/1/55
BY: W.O. 2808
DWG. E 519

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PDR RIDS

