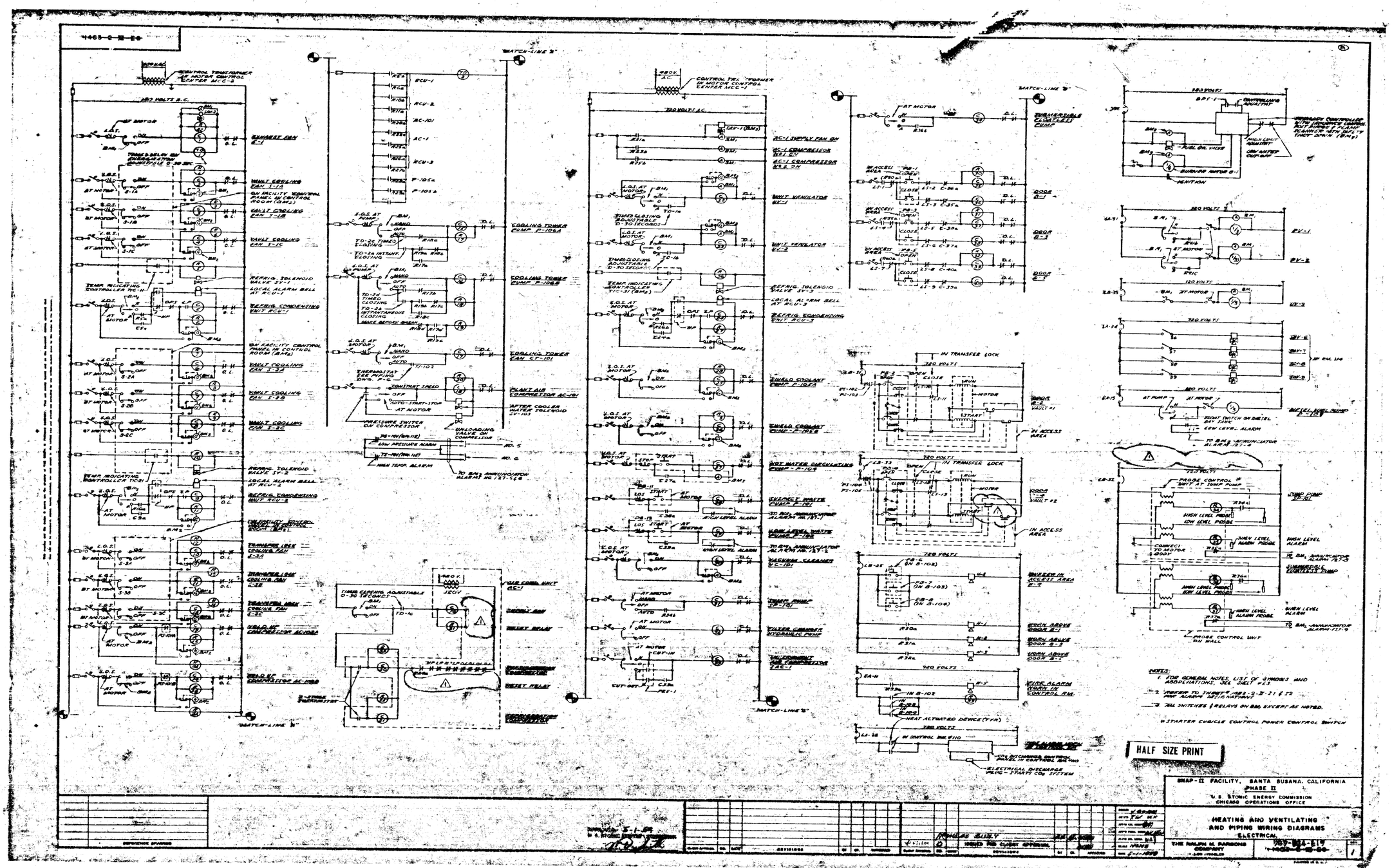
MATCH-LINE "A"
MATCH-LINE "B"
480 VOLTS A.C.
120 VOLTS A.C.
CONTROL TRANSFORMER IN MOTOR CONTROL CENTER MCC-1
CONTROL TRANSFORMER IN MOTOR CONTROL CENTER MCC-2
AC-1 SUPPLY FAN ON
AC-1 COMPRESSOR NO. 1 ON
AC-1 COMPRESSOR NO. 2 ON
VAULT VENTILATOR EV-1
VAULT VENTILATOR EV-2
REFRIG. SOLENOID VALVE SV-3
LOCAL ALARM BELL AT RCU-3
REFRIG. CONDENSING UNIT RCU-3
SHIELD COOLANT PUMP P-105A
SHIELD COOLANT PUMP P-105B
HOT WATER CIRCULATING PUMP P-104
SILICONE WASTE PUMP P-101
VACUUM CLEANER VC-101
TRACK PUMP P-110
FILTER CHARGE HYDRAULIC PUMP
DRY COMPRESSOR AIR COMPRESSOR TAC-1
COOLING TOWER PUMP P-106A
COOLING TOWER PUMP P-106B
COOLING TOWER FAN F-101
PLANT AIR COMPRESSOR AC-101
AFTER COOLER WATER SOLENOID SV-103
OIL COND. UNIT EC-1
CONTROL BOX
RESET RELAY
RESET RELAY
TRANSFERABLE CAPACITY PUMP
DOOR B-1
DOOR B-3
DOOR B-4
DOOR B-2 VAULT #1
DOOR B-2 VAULT #2
IN ACCESS AREA
IN TRANSFER LOCK
SWEEP IN ACCESS AREA B-4
BOOM ABOVE DOOR B-1
BOOM ABOVE DOOR B-3
BOOM ABOVE DOOR B-4
FIRE ALARM PANEL IN CONTROL RM.
HEAT ACTUATED DEVICE (TYP.)
ELECTRICAL DISCHARGE VALVE - STARTS CO2 SYSTEM
PRIMARY CONTROLLER WITH FLAME FAILURE BUT FAILURE TO LOCKOUT SCANNER WITH 60 SEC. TIME DELAY (BM3)
FUEL OIL VALVE
HIGH LIMIT SHUTOFF
ON WATER OUTPUT
BURNER MOTOR B-1
IGNITION
SV-1
SV-2
VE-3
SV-6
SV-7
SV-8
SV-9
DIESEL FUEL PUMP P-109
FLOAT SWITCH ON DIESEL DAY TANK
LEW LEVEL ALARM
TO BM3 ANNUNCIATOR ALARM 121-6
PROBE CONTROL W SHIFT AT SUMP PUMP
HIGH LEVEL PROBE
LOW LEVEL PROBE
CONNECT TO MOTOR B-2-01
HIGH LEVEL ALARM PROBE
LOW LEVEL ALARM PROBE
HIGH LEVEL ALARM
TO BM3 ANNUNCIATOR ALARM 121-5
SUBMERSIBLE CAPACITY PUMP
PROBE CONTROL UNIT ON WALL
NOTES:
1. FOR GENERAL NOTES, LIST OF SYMBOLS AND ABBREVIATIONS, SEE SHEET #2.5
2. REFER TO SHEET #'S 1.2-2.2-2.3 & 2.2 FOR ALARM DETIO NATIONS.
3. ALL SWITCHES & RELAYS ON BM, EXCEPT AS NOTED.
W STARTER CUBICLE CONTROL POWER CONTROL SWITCH
HALF SIZE PRINT
SNAP-II FACILITY, SANTA SUSANA, CALIFORNIA
PHASE II
U.S. ATOMIC ENERGY COMMISSION
CHICAGO OPERATIONS OFFICE
HEATING AND VENTILATING AND PIPING WIRING DIAGRAMS ELECTRICAL
THE RALPH M. PARSONS COMPANY
ISSUED FOR CLIENT APPROVAL
APPROVED