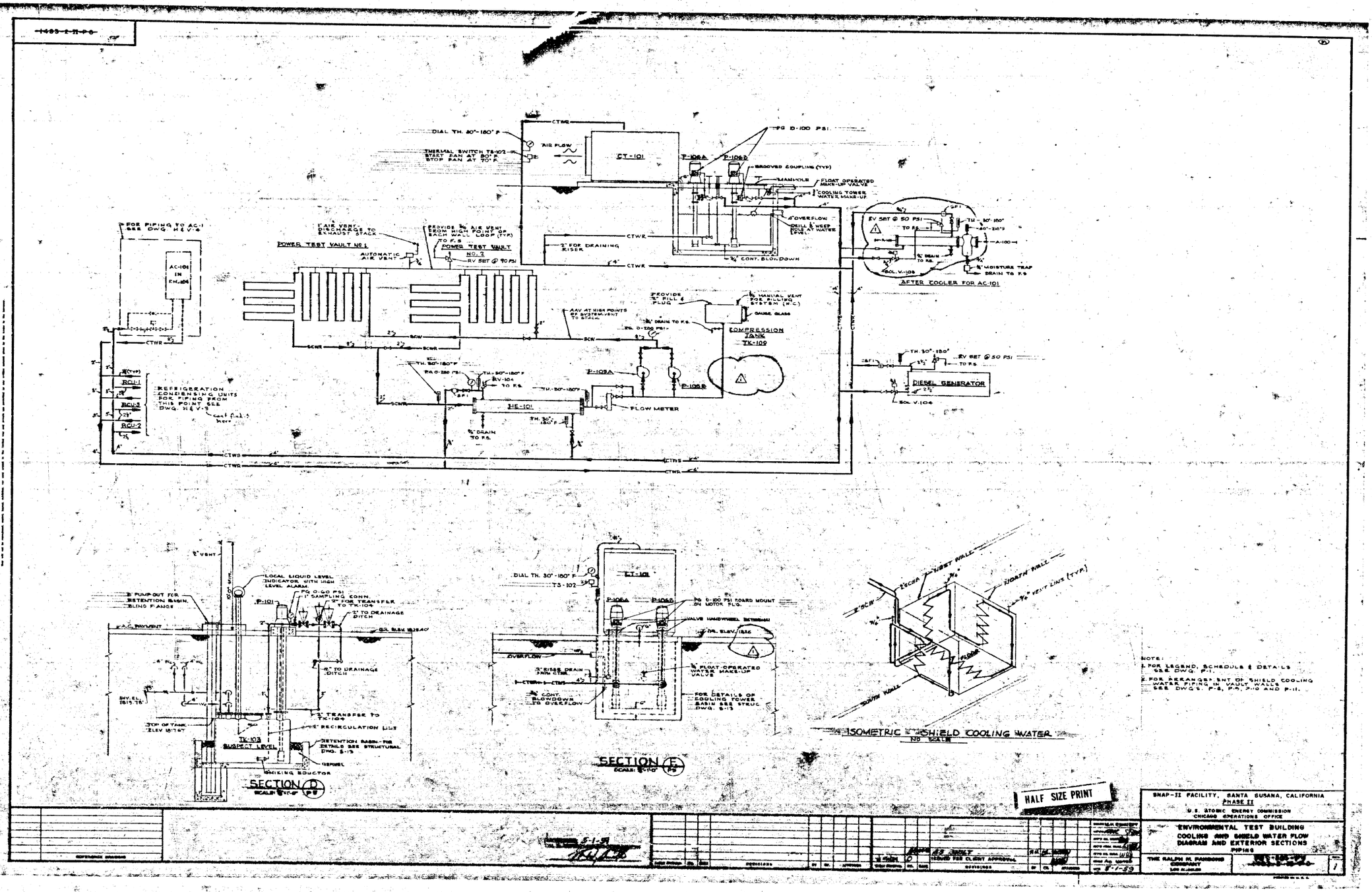

CT-101
P-106A
P-106B
DIAL TH. 30°-180° F
THERMAL SWITCH TS-102
START FAN AT 80° F
STOP FAN AT 70° F
AIR FLOW
PG 0-100 PSI
GROOVED COUPLING (TYP)
MANHOLE
FLOAT OPERATED MAKE-UP VALVE
COOLING TOWER WATER MAKE-UP
4" OVERFLOW
DRILL & WEEP HOLE AT WATER LEVEL
2" FOR DRAINING RISER
CONT. BLOWDOWN
POWER TEST VAULT NO. 1
POWER TEST VAULT NO. 2
AUTOMATIC AIR VENT
RV SET @ 90 PSI
FOR PIPING TO AC-1 SEE DWG. H & V-4
AC-101 IN RM. 104
REFRIGERATION CONDENSING UNITS FOR PIPING FROM THIS POINT SEE DWG. H & V-5
RCU-1
RCU-3
RCU-2
COMPRESSION TANK TK-109
AAV AT HIGH POINTS OF SYSTEM VENT TO STACK
P-109A
P-109B
HE-101
FLOW METER
AFTER COOLER FOR AC-101
RV SET @ 50 PSI
DIESEL GENERATOR
SOL. V-104
SECTION D
SECTION E
ISOMETRIC - SHIELD COOLING WATER
NO SCALE
NOTE:
1. FOR LEGEND, SCHEDULE & DETAILS SEE DWG. P-1.
2. FOR ARRANGEMENT OF SHIELD COOLING WATER PIPING IN VAULT WALLS SEE DWGS. P-8, P-9, P-10 AND P-11.
HALF SIZE PRINT
SNAP-II FACILITY, SANTA SUSANA, CALIFORNIA
PHASE II
U.S. ATOMIC ENERGY COMMISSION
CHICAGO OPERATIONS OFFICE
ENVIRONMENTAL TEST BUILDING
COOLING AND SHIELD WATER FLOW DIAGRAM AND EXTERIOR SECTIONS
PIPING
THE RALPH M. PARSONS COMPANY
ISSUED FOR CLIENT APPROVAL
5-1-59