

ELECTRICAL SYMBOLS

- Ⓜ MOTOR OUTLET
- Ⓣ TELEPHONE FLOOR OUTLET
- Ⓢ SPECIAL PURPOSE OUTLET
- Ⓢ 3 WAY SWITCH
- Ⓢ SWITCH & PILOT LAMP
- Ⓢ COMPLEX CONVENIENCE OUTLET
- Ⓢ REMOVE EXISTING
- Ⓢ FLOURESCENT LIGHTS

PLUMBING SYMBOLS

- SANITARY SEWER LINE
- COLD WATER LINE
- GAS LINE
- REMOVE EXISTING GAS LINE
- HOSE BIBB
- DR. DRINKING FOUNTAIN

AIR CONDITION NOTES:

- ① CONTROLS: SINGLE STEP THERMOSTAT, N-H 742-B OR EQUAL. ONE-FAN CONTROL SWITCH, BOTH ABOVE SPACE-MOUNTED ON SUITABLE STEEL PANEL NOT LESS THAN 15" X 8" X 1/2" AND CLEARLY MARKED.
- ② DUCT INSULATION: ON ALL SUPPLY & RETURN DUCTS 1" MIN. FIBERGLASS FR. AEROSOL W/ VAPOR SEAL PROPERLY COVERED TO PREVENT SHEDDING OR TEARDROPS AND TO BE HEAT & UNIFORM IN APPEARANCE. ALL JOINTS SEALED AND COVERED.
- ③ SUPPLY EXHAUST & RETURN DUCTS: ZINC COATED COPPER BEARING STEEL 24" O.S. STD. GAUGE CONSTRUCTED PER A.S.H.A.E. GUIDE 1957 EDITION, PROPERLY SUPPORTED & BRACED.
- ④ EXHAUST FAN: HEAVY DUTY CENTRIFUGAL, BACKWARD BLADE, ALL WELDED CONSTRUCTION 3500 C.F.M. @ 1/2" S.P. 1300 RPM OUTLET VELOCITY: 3/4" H.P. MAX. 220V/60C/1P 4000 TOP SPEED MAXIMUM.
- ⑤ A.C. UNIT: 12,500 B.T.U./HR. ARI 300P ENTERING DB. 300 C.F.M. @ SYSTEM STATIC, AIR COOLED CONDENSER EQUIPPED WITH CENTRIFUGAL TYPE EVAPORATOR PAN SUITABLE FOR PURPOSE SHOWN. UNIT TO BE MOUNTED ON VIBRATION ISOLATORS & EMERGENCY 16 GA. DRAIN PAN.
- ⑥ EXHAUST & RETURN REGISTERS: 600 FACE 72% FREE AIR AND OPPOSED BLADE, KEY OPERATED DAMPER.
- ⑦ CONDENSER EXHAUST FAN: HEAVY DUTY PROPELLER OR CENTRIFUGAL EXHAUST TO BALANCE CONDENSER EXHAUST @ SYSTEM STATIC PRESSURE EQUIPPED W/ AUTOMATIC ALUMINUM SHUTTER.
- ⑧ RELIEF SHUTTER: 10" X 10" AUTOMATIC ALUMINUM BACK DRAFT DAMPER.
- ⑨ ACCESS DOORS (2): TO CONDENSER PAN 12" X 12" MIN. BLANDED, GASKETED & W/ POSITIVE WEDGE TYPE LATCH.

EXISTING WORK ROOM

ELECTRICAL

GENERAL NOTES:

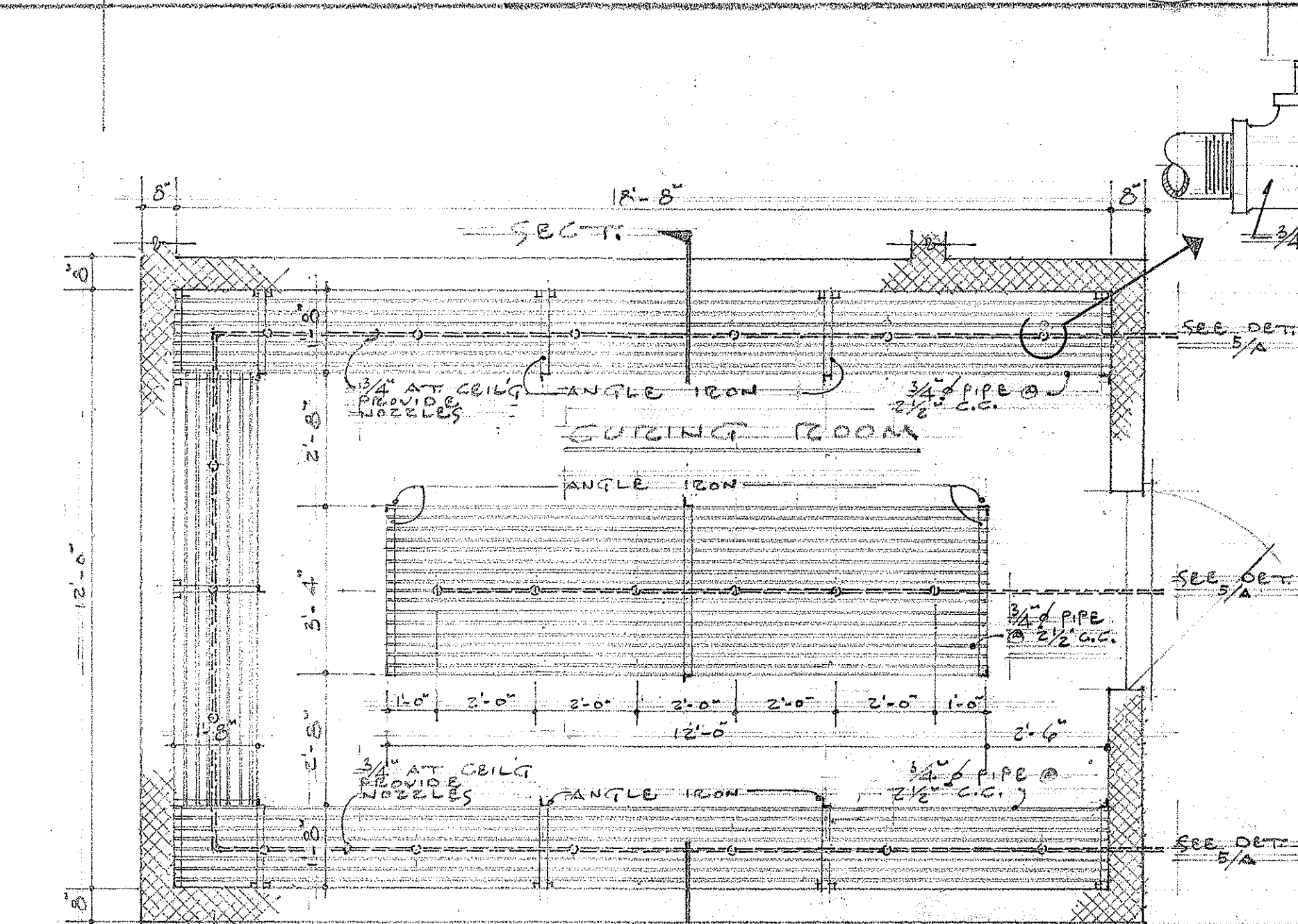
1. ALL WALL PLUGS NEXT TO WORK BENCHES SHALL BE 14" ABOVE TOP OF WORK BENCH.
2. ALL EXISTING LIGHTS OR ON SEPARATE CIRCUITS HUNG FROM PURLINS.

ELECTRICAL, PLUMBING & AIR CONDITION LAYOUT

SCALE 1/4" = 1'-0"

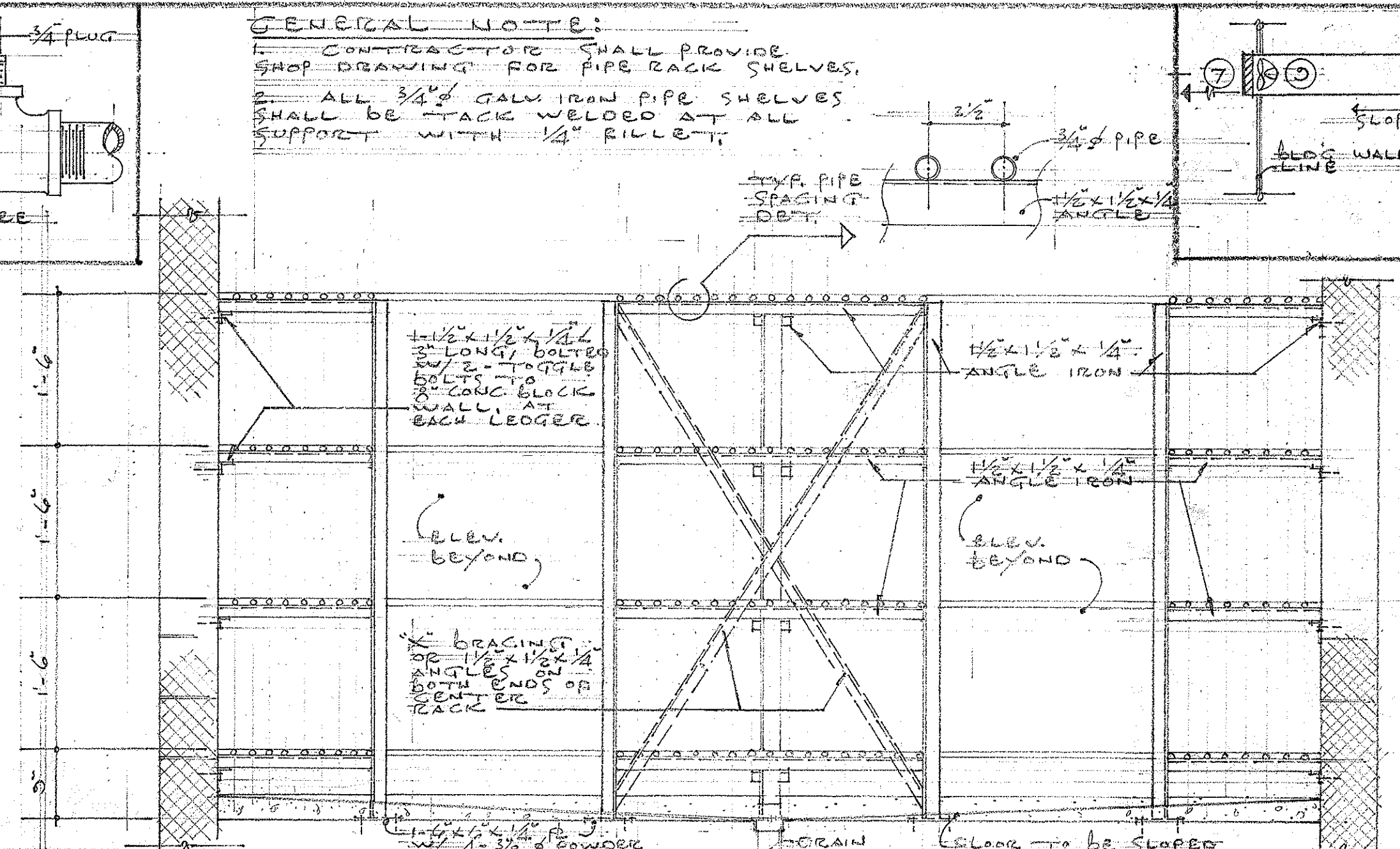
GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE SHOP DRAWING FOR PIPE RACK SHELVES. ALL 3/4" GALV. IRON PIPE SHELVES SHALL BE TRACED WELDED AT ALL SUPPORT WITH 1/4" RILLETT.



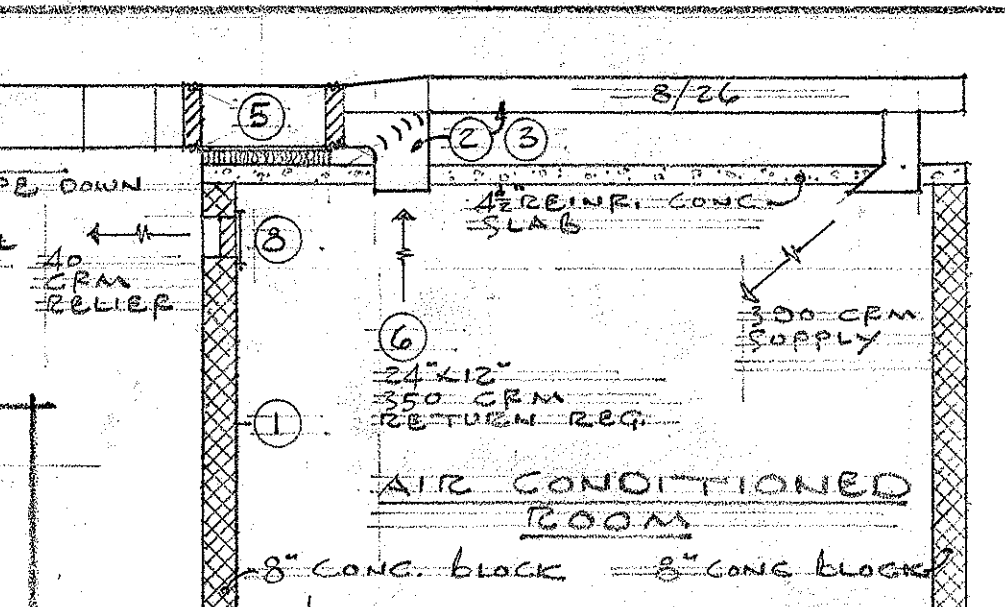
5 PLAN OF SHELVES AT CURING ROOM

SCALE 3/8" = 1'-0"



5 SECTION

SCALE 3/8" = 1'-0"



5 SECTION DUCT DETAIL 'B'

SCALE 1/4" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 ADDITION TO
 TESTING LABORATORY
 AT THE
 HONOLULU MAINTENANCE YARD
 OF THE
 TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 JUNE 14, 1957

SHEET NO. 5 OF 5 SHEETS

D. P. W. JOB NO. 5923

RM. NAME

TITLE

SHEET NO.