AIR CONDITIONING EQUIP.

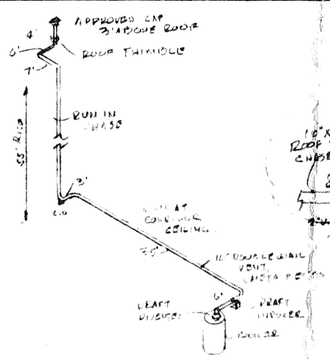
MARK	DESCRIPTION	MAKE
A	AIR CONDITIONING UNIT, CONDENSER WATER COOLED, SINGLE PACKAGE, CEILING MOUNTED W/ STEEL RODS AND RESILIENT MOUNTS. 427LB. RATED 60,000 BTUH (5.1 KW) EER=9.7 3φ, 208V, 25.4 F.L.A. EVAP FAN 2000 CFM @ 1/2" S.P. 7 GPM COND WATER @ 65°F, 1 PSI PRESSURE DROP FITTED FOR HORIZONTAL USE W/ DRAIN PAN, COND. DRAIN LINE INSULATED, VALVES, GOMPS & CONTROLS, AS REQUIRED	CARRIER 50 BA - 0016
B	CEILING DIFFUSER, ALUMINUM, SQUARE 12"x12" THROAT (W/ 8" DIAM. FLEX DUCT CONN.)	ALTES 4740-2 GREY
C	RETURN AIR REGISTER, ALUMINUM 36"x20" W/ OPS DAMPER	CARNES 63S14A
D	FLEXIBLE DUCT, INSULATED, POLYVINYL LINER, STEEL HELIX, FIBERGLASS BLANKET W/ VAPOR SEAL, 8" DIAM. NOM.	THERMO-FLEX MK-E
E	EXHAUST FAN, BLOWER TYPE, RATED 200 CFM @ 1/8" S.P., 1φ, 115V, 3A CEILING MOUNTED W/ 10"x8½" DUCT	CARNES VCDB-20

BOILER EQUIPMENT

A	GAS FIRED PACKAGE BOILER ASSY. RATED 9.5 BOILER H.P., 21 LBS/HOUR INPUT 399,000 BTU/HR, OUTPUT 332,000 BTU/HR. FOR MOTOR 1/3 HP 1φ, 115V 13.7 SLE WITH INTEGRAL FEED WATER TANK W/ PUMP & CONTROLS, RELIEF & BLOW-DOWN VALVES PER U.B.	THERMO-STEAM BOILER CO. MOD. FG-9.5
B	BLOW DOWN TANK W/ 2" DRAIN VENT TO ROOF	AS SPECIFIED
C	DRAFT INDUCER, IN LINE TYPE TO FIT 10" METALBESTOS EXHAUST VENT TO ROOF 1φ, 115V, 1/6 HP.	JERGUNDS AS SELECTED
D	BACK FLOW PREVENTOR, 3/4" REDUCED PRESSURE TYPE	WATTS - 909 3/4"

DRY CLEANING EQUIP.

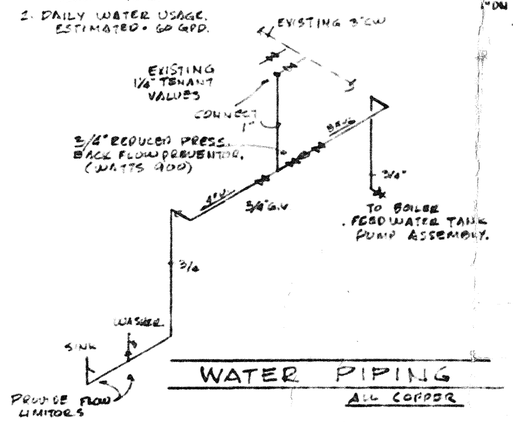
1	CLEANING UNIT 220V, 3HP	BY OWNER
2	AIR VACCUM UNIT 220V 1HP	BY OWNER
3	CONVEYOR 1φ, 115V, 1/2 HP	"
4	PANTS TOWER 1φ, 115V 7A	"
5	PANTS PRESSER 1φ, 115V 0.3 A	"
6	UTILITY PRESSER 1φ, 115V, 0.3A	"
7	FORM FINISHER 1φ, 115V, 7A	"
8	BOILER —	SEE ABOVE
9	AIR COMPRESSOR 3φ, 208V, 2HP	
10	VAPOR CONDENSER 1φ, 208V, 2HP	



BOILER STACK SCHEMATIC

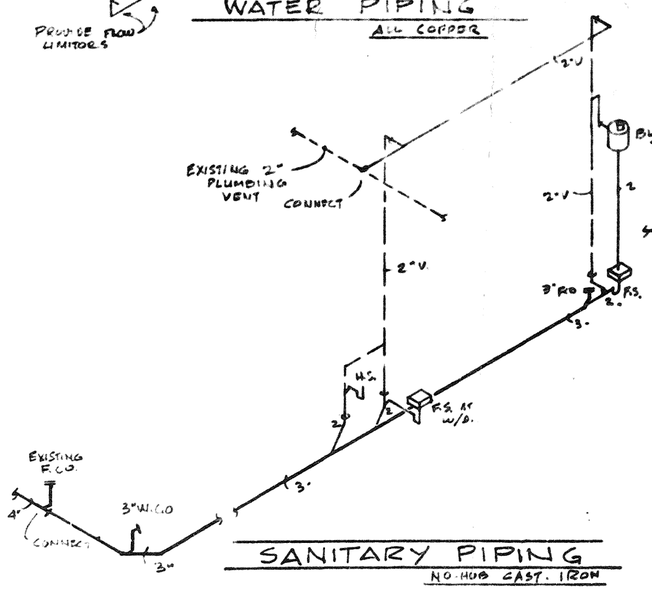
BWS. NOTES

1. PEAK WATER DEMAND 12.0 = 10 GPM
2. DAILY WATER USAGE. ESTIMATED = 60 GPD.



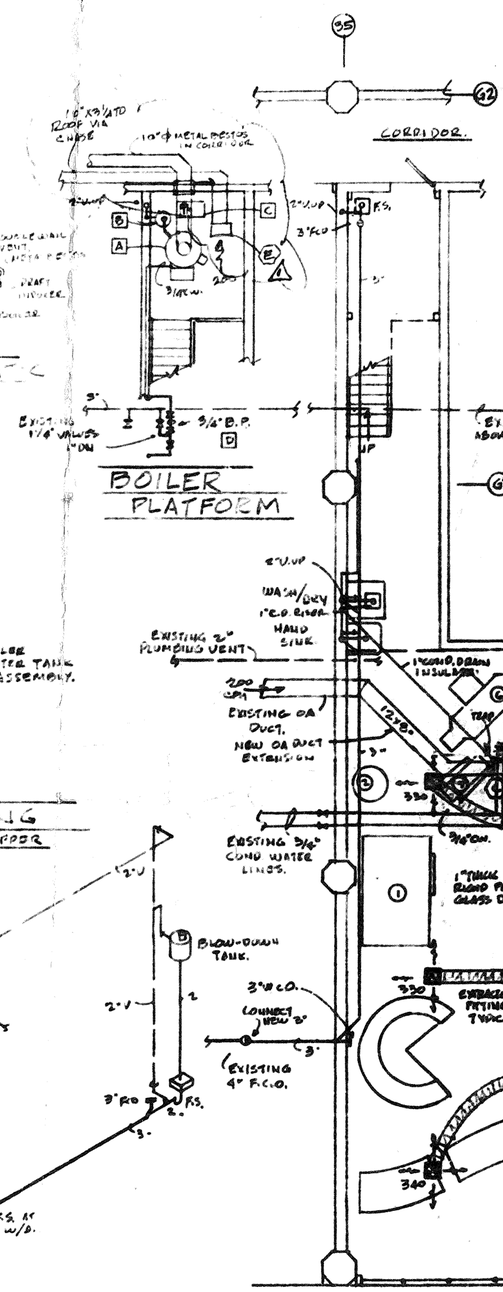
WATER PIPING

ALL COPPER



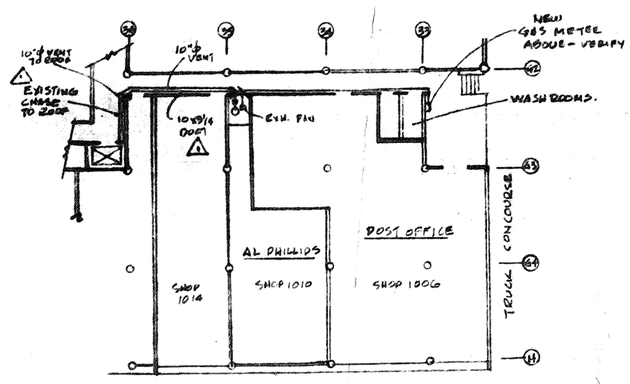
SANITARY PIPING

NO-HUB CAST. IRON



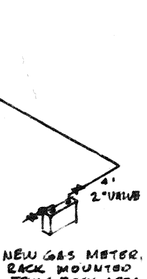
— CONCOURSE, STREET LEVEL —

MECHANICAL PLAN ¼"=1'



LOCATION PLAN, STREET LEVEL

1/16" = 1'



GAS PIPING

GALV. STEEL

SHEET 3 of 4

REVISIONS	BY
A Exh. Fan 4/10/86	

FRANK S. HONECHURCH REGISTERED PROFESSIONAL ENGINEER No. 1011-A HAWAII U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PLAN WILL BE UNDER MY SUPERVISION.

6-30-86

AL PHILLIPS

LAUNDRY ALTERATIONS

ALA MOANA SHOPPING CENTER - HONOLULU

Date
Scale
Drawn
Job
Sheet M-1