



FLOOR PLAN — PLUMBING SCALE: 1/8" = 1'-0"

FIXTURE UNIT INFORMATION (NEW FIXTURES)

QTY	REGULAR F.U.	FIXTURE TYPE	QTY	LOW FLOW F.U.	TOTAL F.U.
_	1	LAVATORY	4	0.6	2.4
	3	TOILET (TANK)	_	1.7	-
	6	TOILET (FLUSH)	3	3.4	10.2
	5	URINAL	1	2.8	2.8
_	2	SHOWERHEAD	2	1.6	3.2
1	1	DRINKING FOUNTAIN		_	1.0
10	3	HOSEBIBB			30.0
_	****	TOTAL	_		49.6

50 GPM

MECHANICAL EQUIPMENT SCHEDULE:

AHU-1: AIR HANDLING UNIT - 1 CARRIER 39T-09 OR EQUIVALENT. FORWARD CURVED DRAW-THRU VERTICAL CONFIGURATION. 4000 CFM AT 3.5" T.S.P. 1210 RPM, 208V/3PH/60HZ, 5 HP. 124,000 BTUH TOTAL COOLING, 81,000 BTUH SENSIBLE, 80/67 DB/WB ENT. AIR 6 ROW, 8 FIN/IN COIL. VARIABLE SPEED DRIVE W/ISOLATION TRANSFORMER.

ACCU-1: AIR COOLED CONDENSING UNIT - 1 CARRIER 38AKS-013 OR EQUIVALENT, 10 TONS NOMINAL COOLING AT 95F AMBIENT 208V/3PH/60HZ, COMPRESSOR: 43.6 RLA, 170 LRA, FAN#1: 4.3 FLA, FAN#2: 3.7 FLA. 40F SAT. SUCTION TEMP. PROVIDE POLYSILOXANE COATING ON INSIDE AND OUTSIDE OF UNIT, PROVIDE HERESITE COATING ON COIL INCLUDING TUBES AND FINS. PROVIDE OVER/UNDER VOLTAGE, PHASE FAILURE/REVERSAL PROTECTION WITH AUTOMATIC RESÉT. MIN. 100%, 66%, 33% CAPACITY UNLOADING NOTE: PROVIDE TRAINING CLASSES FOR COMPLETE OPERATION AND MAINTENANCE OF AHU/ACCU EQUIPMENT AND CONTROLS.

EWH-1: ELECTRIC WATER HEATER - 1 BRADFORD WHITE M-II-80 OR EQUIVALENT, 53 GPH AT 70F TEMPERATURE RISE 208V/3PH/60HZ, 9 KW INPUT

CP-1: CIRCULATING PUMP - 1 15 GPM AT 10' TDH, GRUNDFOS UPS32-40 OR EQUIVALENT 208V/3PH/60HZ, 1/3 HP. INTERLOCK WITH HEATER TIMECLOCK.

AC-1: AIR COMPRESSOR - 1 INGERSOLL RAND T-30 OR EQUIVALENT, TWO STAGE, 120 GALLON TANK. 208V/3PH/60HZ, 15 HP. PROVIDE AIR COOLED AFTERCOOLER, INLET FILTER.

RAD-1: REFRIGERATED AIR DRYER - 1 ZEKS 75NCA OR EQUIVALENT 115V/1PH/60HZ, 1/2 HP.

TEF-1: TOILET EXHAUST FAN - 1 IN-LINE BELT DRIVEN CABINET FAN WITH SINGLE WIDTH WHEEL. 500 CFM AT 0.5" E.S.P. 1700 RPM. 115V/1PH/60HZ, 1/4 HP. INTERLOCK W/OCCUPANCY SENSOR SWITCH

TEF-2: TOILET EXHAUST FAN - 2 SAME AS TEF-1

EF-1: EXHAUST FAN - 1 SELF CONTAINED DIRECT DRIVE CENTRIFUGAL FAN WITH INTEGRAL GRILLE 500 CFM AT 0.25" E.S.P. 1080 RPM, GREENHECK SP-255 OR EQUIVALENT. 115V/1PH/60HZ, 285 WATTS, 7.0 SONES MAX

PRV-1: POWER ROOF VENTILATOR - 1 BELT DRIVEN CENTRIFUGAL, 4000 CFM AT 0.375" E.S.P. GREENHECK GB-200 OR EQUIVALENT. 208V/3PH/60HZ, 1 HP.

P-EWC: ACCESSIBLE ELECTRIC WATER COOLER - 1 LEAD FREE SELF CONTAINED AIR COOLED WITH FRONT ACCESS 5 LB PUSH HANDLE, 115V/1PH/60HZ RECEPTACLE, 250 WATTS

APPROVED:

MG, HIANG, ADJUTANT GENERAL BG, HIARNG, COMMANDER REVISION NO. DESCRIPTION DEPARTMENTS OF THE ARMY AND AIR FORCE

NATIONAL GUARD OF HAWAII

OFFICE OF THE ENGINEER, FORT RUGER, HAWAII DESIGNED: LIS HAWAII ARMY NATIONAL GUARD WHEELER AAF DRAWN: C-26 AIRCRAFT HANGAR WHEELER ARMY AIRFIELD, HAWAII

ENGINEER: RHM APPROVED: APPROVED:

CONTRACTING & ENGINEERING OFFICER

MAY 27, 1998 TC, HIARNG, FAC MGMT OFFICER COL, NGB, USPFO FOR HAWAII APPROVED: SCALE: -| SHEET: 37 of 45 M-2

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT

ENGINEER



