

HEAT RECLAIMING UNITS																													
UNIT NO.	LOCATION		AREA SERVED	FAN				WATER COILS								CIRCULATING FLUID			REMARKS										
				CFM SUPPLY	T.S.P.	WHEEL		MAX. RPM	NOH. HP	VOLTS/ PHASE	SERVICE	CFM	MAX. S.P. FPM	MAX. F	ENT. AIR		F			LVS. AIR	F	DB	WB	FLUID	BPH	TEMP. IN IN F.	TEMP. OUT F.	MAX. LOSS P.T. FLUID	MIN. MIN.
						TYPE	DIA.								DB	WB	DB	WB											
1-HRU1	B	7	AREA "B"	11500	3.3	AIRFOIL	22	1800	15	460V/3Ø	RECLAIM	11500	500	0.55	65	--	45.2	--	45.3	--	45.2	--	GLYCOL	64	37.6	47.2	12.0	299	
1-HRU2	B	7	ANIMAL	21000	3.3	AIRFOIL	30	1280	20	460V/3Ø	RECLAIM	21000	500	0.55	65	--	45.3	--	45.3	--	45.3	--	GLYCOL	111	37.6	47.2	5.0	515	

VENTILATING UNITS											
UNIT NO.	LOCATION		AREA SERVED	MIN. O.A.	CFM SUPPLY	T.S.P.	FAN			NOM. HP	VOLTS/ PHASE
	SERVICE BAY	FLOOR					WHEEL TYPE	MIN. DIA.	MAX. RPM		
1-V1	NOT USED	--	--	--	--	--	--	--	--	--	--
1-V2	A	1	DIETARY	7890	7890	2"	AIRFOIL 19 11/16"	1770	7 1/2	460V/3Ø	--
1-V3	C	2	CANTEEN	4100	4100	2"	AIRFOIL 13 1/4"	2900	5	460V/3Ø	--
1-V4	AREA B	2	CANTEEN	--	3300	1 1/2"	AIRFOIL 13 1/4"	2300	2	460V/3Ø	--
1-V5	AREA D	7	BOLLER RM	0	15000	2"	AIRFOIL 29 7/8"	1050	10	460V/3Ø	--
1-V6	AREA A	7	CHILLERS	0	16000	2"	AIRFOIL 29 7/8"	1100	10	460V/3Ø	--
1-V7	AREA A	7	REAR. ED.	0	7000	2"	AIRFOIL 21 9/16"	1370	5	460V/3Ø	--
1-V8	AREA D	BSMT	SWITCHGEAR	4100	4100	1 1/2"	AIRFOIL 13 1/4"	2700	3	460V/3Ø	--

WHD. NO.	SYSTEM	CFM	ENT. AIR DB	F. WB	LVS. AIR DB	F. WB	ENT. AIR DB	F. WB	EXT. AIR DB	F. WB	EXT. AIR DB	F. WB	ON-OFF VALVE	CONTROL VALVE	TRAP
1-SH1	1-AC1	8600	58.0	42.0	58.0	48.5	30	24	30	24	121				61
1-SH2	1-AC2	25400	58.0	37.5	58.0	48.5	30	24	30	24	523				282
1-SH3	1-AC4	23040	55.0	37.0	55.0	47.5	30	24	30	24	482				241
1-SH4	NOT USED														
1-SH5	1-AC5	3200	58.0	42.5	58.0	48.5	30	24	30	24	44				22
1-SH6	1-AC7	13270	58.0	42.0	58.0	48.5	30	24	30	24	182				91
1-SH7	1-AC8	7850	58.0	42.5	58.0	48.5	30	24	30	24	105				53
1-SH8	1-AC8	14850	58.0	42.5	58.0	48.5	30	24	30	24	204				162
1-SH9	1-AC9	9800	58.0	42.5	58.0	48.5	30	24	30	24	132				66
1-SH10	1-AC10	11900	58.0	42.0	58.0	48.5	30	24	30	24	163				82
1-SH11	1-AC11	11000	58.0	42.0	58.0	48.5	30	24	30	24	151				76
1-SH12	1-AC13	18300	58.0	42.0	58.0	49.0	30	24	30	24	251				126
1-SH13	1-AC14	16800	58.0	42.0	58.0	49.0	30	24	30	24	231				116
1-SH14	1-AC15	10300	55.0	40.0	55.0	47.5	30	24	30	24	147				74
1-SH15	1-AC16	10100	55.0	40.0	55.0	48.0	30	24	30	24	145				73
1-SH16	1-AC17	10250	55.0	38.0	55.0	47.0	30	24	30	24	221				111
1-SH17	1-AC17	20050	55.0	38.0	55.0	47.0	30	24	30	24	426				213
1-SH18	1-AC18	18000	58.0	42.0	58.0	48.5	30	24	30	24	248				124
1-SH19	1-AC19	2680	55.0	40.0	55.0	47.0	30	24	30	24	39				20
1-SH20	1-AC19	10110	55.0	40.0	55.0	47.0	30	24	30	24	144				72
1-SH21	1-AC20	10110	55.0	40.0	55.0	47.0	30	24	30	24	145				73
1-SH22	1-AC21	18300	58.0	42.0	58.0	48.0	30	24	30	24	251				126
1-SH23	1-AC22	12800	55.0	38.0	55.0	47.0	30	24	30	24	230				115
1-SH24	1-AC22	24820	55.0	38.0	55.0	47.0	30	24	30	24	439				220
1-SH25	1-AC23	2890	55.0	40.0	55.0	47.0	30	24	30	24	39				20
1-SH26	1-AC23	10110	55.0	40.0	55.0	47.0	30	24	30	24	144				72
1-SH27	1-AC24	10100	55.0	40.0	55.0	47.0	30	24	30	24	145				73
1-SH28	1-AC25	16800	58.0	42.0	58.0	48.5	30	24	30	24	231				116
1-SH29	1-AC26	6500	58.0	42.0	58.0	48.5	30	24	30	24	89				45
1-SH30	1-AC26	2930	55.0	40.0	55.0	47.0	30	24	30	24	42				21
1-SH31	1-AC27	10970	55.0	40.0	55.0	47.0	30	24	30	24	157				79
1-SH32	1-AC27	2590	55.0	40.0	55.0	47.0	30	24	30	24	43				22
1-SH33	1-AC28	8510	55.0	40.0	55.0	47.0	30	24	30	24	122				61
1-SH34	1-AC28	10200	55.0	40.0	55.0	47.0	30	24	30	24	146				73
1-SH35	1-AC29	7400	55.0	40.0	55.0	47.0	30	24	30	24	106				53
1-SH36	1-AC30	16300	58.0	42.0	58.0	48.0	30	24	30	24	224				112
1-SH37	1-AC31	29000	55.0	40.0	55.0	48.0	30	24	30	24	415				208
1-SH38	1-AC32	20000	55.0	35.0	52.0	47.0	30	24	30	24	471				236
1-SH39	BB1A3A	870	61.5	57.0	61.5	57.0	30	24	30	24	6				3
1-SH40	5D110	1250	58.0	49.5	58.0	56.0	30	24	30	24	19				10
1-SH41	5D101	1430	58.0	49.5	58.0	56.0	30	24	30	24	22				11
1-SH42	5D103	1430	58.0	49.5	58.0	56.0	30	24	30	24	22				11
1-SH43	5D104	1430	58.0	49.5	58.0	56.0	30	24	30	24	22				11
1-SH44	5D105	1480	58.0	49.5	58.0	56.0	30	24	30	24	23				12
1-SH45	5D109	1140	58.0	49.5	58.0	56.0	30	24	30	24	18				9
1-SH46	5D110	1140	58.0	49.5	58.0	56.0	30	24	30	24	18				9
1-SH47	5D121	1230	58.0	49.5	58.0	56.0	30	24	30	24	19				10
1-SH48	5D123	1230	58.0	49.5	58.0	56.0	30	24	30	24	19				10

STEAM CONSUMING EQUIPMENT (STERILIZING & WASHING EQUIPMENT) ① ②									
NO.	DESCRIPTION	PRESSURE PSIG	DEMAND RATE LBS/HR	CONSUMPTION LBS/HR	PIPE SIZE		TRAP C/W. LBS/HR	REMARKS	
					SUPPLY	RETURN			
HM534	WASHER BEDPAN	60	6	--	1"	-	-	2" V.V.	
HM516	WASHING MACHINE	60	180	--	1 1/4"	-	-		
HM521	CASE WASHER	60	425	--	2"	1"	F&T	700	
HM509	WASHER & FEEDER BOTTLE	60	35	--	1"	1"	F&T	50	
HM514	WASHING MACHINE	60	50	--	1"	1"	F&T	75	
VS329	STERILIZER - ETO	60	200	60	1"	-	-		
VS211	STERILIZER	60	335	190	2"	-	-		
VS506	WASHER-STERILIZER	60	350	145	2"	-	-		
VS503	WASHER-STERILIZER	60	242	130	1 1/2"	-	-		
VS123	STERILIZER	60	116	96	1"	-	-		
VS260	STERILIZER	60	155	148	1"	-	-		
-	ANIMAL AREA AUTOCLAVE RM BB11B	60	300	--	2"	-	-		
-	STEAM HOSE CONNECTION	60	--	15	1"	-	-		
VS122	STERILIZER	60	116	96	1"	-	-		
VS326	STERILIZER	60	200	50	1"	-	-		
VS210	STERILIZER	60	300	190	2"	-	-		

NOTES :

① STERILIZING AND WASHING EQUIPMENT IS SPECIFIED UNDER DIVISION II OF THE SPECIFICATIONS.

② CC EQUIPMENT.

DIETETIC STEAM EQUIPMENT ① ②									REMARKS
NO.	DESCRIPTION	PRESSURE PSIG	DEMAND RATE LBS/HR	CONSUMPTION LBS/HR	PIPE SIZE SUPPLY	PIPE SIZE RETURN	TYPE	TRAP CAP. LBS/HR	
K6111	HEAT TANK	30	-	370	1 1/4"	1"	F&T	600	
K6111	BOOSTER HEATER	30	-	230	1 1/4"	1"	F&T	400	
K6113	BLOW DRYER	30	-	160	1 1/4"	1"	F&T	250	
K6320	WASHING MACHINE	60	475	85	2"	1 1/4"	F&T	720	
K6620	STEAM COOKER	60	-	70	1"	1"	F&T	110	
K6425	KETTLE	30	-	45	1"	1"	F&T	75	
K6440	KETTLE	30	-	70	1"	1"	F&T	110	
K6520	KETTLE	30	-	40	1"	1"	F&T	70	
K6160	STEAM COOKER	60	-	235	1 1/4"	1"	F&T	350	
K5171	KETTLE (20 QT.)	30	-	20	1"	1"	F&T	35	
K5170	KETTLE (10 QT.)	30	-	10	1"	1"	F&T	35	
K1352	BOOSTER HEATER (FOR K1350)	30	-	300	1 1/2"	1"	F&T	500	
K1302	BOOSTER HEATER (FOR K1300)	30	-	110	1 1/4"	1"	F&T		

NOTES :
① DIETETIC STEAM EQUIPMENT IS SPECIFIED UNDER DIVISION 11
OF THE SPECIFICATIONS.
② CC EQUIPMENT.

EQUIPMENT NOTATION SCHEDULE	
CC	EQUIPMENT THAT IS TO BE COMPLETELY FURNISHED AND INSTALLED UNDER THIS CONTRACT. ALL EQUIPMENT SHALL BE CONSIDERED TO BE CC UNLESS OTHERWISE INDICATED.
KC	CANTEEN EQUIPMENT THAT IS TO BE FURNISHED, INSTALLED AND CONNECTED BY CANTEEN SERVICES UNDER ANOTHER CONTRACT. UNDER THIS CONTRACT PROVIDE VALVED AND CAPPED SERVICES.
VC	EQUIPMENT FURNISHED BY VETERANS ADMINISTRATION AND TO BE INSTALLED AND CONNECTED UNDER THIS CONTRACT.
WV	EQUIPMENT THAT IS TO BE FURNISHED, INSTALLED AND CONNECTED BY VETERANS ADMINISTRATION. UNDER THIS CONTRACT PROVIDE VALVED AND CAPPED SERVICES.
1. UNDER THIS CONTRACT AS STATED ABOVE IS IN REFERENCE TO CONTRACT OF GENERAL CONTRACTOR AND IS NOT TO BE INTERPRETED AS THE MECHANICAL SUB CONTRACT.	
2. COORDINATE SIZES AND LOCATIONS OF CONNECTIONS OF ALL EQUIPMENT WITH THE FINAL APPROVED SHOP DRAWINGS. OBTAIN ROUGH-IN DRAWINGS FROM EQUIPMENT INSTALLATION CONTRACTOR FOR CC AND KC EQUIPMENT.	
3. FOR VC AND WV EQUIPMENT OBTAIN ROUGH-IN DRAWINGS AND SHOP DRAWINGS FROM VA. COORDINATE SIZE AND LOCATIONS OF ALL CONNECTIONS.	
4. PIPE SIZE INDICATED IN EQUIPMENT SCHEDULES ON THIS DRAWING MAY DIFFER FROM ACTUAL PIPE CONNECTION ON EQUIPMENT. PROVIDE SIZE INDICATED IN SCHEDULES WITH REDUCER AT EQUIPMENT IF SIZE DIFFERS FROM EQUIPMENT. PROVIDE A SHUTOFF VALVE AND UNION ON PIPE CONNECTION TO ALL EQUIPMENT.	

CANTEEN STEAM EQUIPMENT									
NO.	DESCRIPTION	PRESSURE PSIG	DEMAND RATE LBS/HR	CONSUMPTION LBS/HR	PIPE SIZE		TRAP	REMARKS	
					SUPPLY	RETURN			
C-10	COFFEE URN	30	-	30	1"	1"	-	KC	
C-5	HOT FOOD COUNTER	30	-	210	1 1/2"	1"	-	KC	
C-543	CONVECTION STEAMER	60	-	34	1"	3/4"	-	KC	
K1352	BOOSTER HEATER	30	-	300	1 1/2"	1"	-	CC	
C-104	DISHWASHER	60	-	130	1 1/2"	1"	F&T	KC	
C-105	BOOSTER HEATER	30	-	300	1 1/2"	1"	F&T	KC	
K1452	SINK INJECTOR	5	-	60	1"	-	-	CC ①	
NOTES :									
① PROVIDE 30 PSIG TO 5 PSIG PRESSURE REDUCING VALVE AT CONNECTION EQUIPMENT.									