

OIL FIRED BOILER SCHEDULE								
MARK	TYPE	AFUE %		MODEL (LOCHINVAR)	ELECT	WEIGHT	NOTES	
		INPUT	OUTPUT					
B-1	CAST IRON	171	149	-	BUDERUS G215/4	120V-1PH	-	1, 2
B-2	CAST IRON	171	149	-	BUDERUS G215/4	120V-1PH	-	1, 2

NOTES: 1) PROVIDE STAINLESS STEEL VENT KITS.
2) PROVIDE STAINLESS STEEL INDIRECT HOT WATER TANK- SST250

INDOOR DX-UNIT-EVAPORATOR										
EVAPORATOR TAG	LOCATION	SERVICE UNIT		COOLING BTU	HEAT BTU/HR	CFM	ELECTRICAL			MANUFACTURER MODEL
							VOLTAGE	MCA	OCP	
AC-1	TECH.	ACU-1	WALL MTD.	18,000	-	750	208V-1PH	18.8	25	LIBERT-DME020EH
AC-2	DISPATCH	ACU-2	WALL MTD.	18,000	-	470	208V-1PH	-	15	DAIKIN FTXN18KVJU
AC-3	ELECT.	ACU-3	WALL MTD.	12,000	-	350	208V-1PH	-	15	DAIKIN FTXN12KVJU

① PROVIDE CONDENSATE PUMP IF REQUIRED.

OUTDOOR CONDENSING UNIT SCHEDULE													
UNIT NO.	SERVICE	REFRIG. TYPE	NOMINAL COOLING CAPACITY (TONS)	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	SEER	ELECTRIC SERVICE					MANUFACTURER AND MODEL NUMBER	REMARKS
							FLA AMPS	OPD AMPS	V	PH	HZ		
ACU-1	AC-1	R-410A	1.5	18	-	-	12.1	25	208	1	60	LIBERT-PFH020AH	1, 2, 3
ACU-2 (STANDBY)	AC-2	R-410A	1.5	18	-	18	15	20	208	1	60	DAIKIN RKN18KEVJU	1, 2, 3
ACU-3	AC-3	R-410A	1	12	-	18	7	15	208	1	60	DAIKIN RKN12KEVJU	1, 2, 3

1. PROVIDE UNIT W/ LOW TEMP. AMBIENT KIT
2. APPROVED MANUFACTURER'S CARRIER, DAIKIN, MITSUBISHI, PANASONIC OR EQUAL.

GRILLE AND DIFFUSER SCHEDULE		
MARK	SD-1	RG-1
TYPE	LAY-IN	SURF. MTD
DAMPER NUMBER	AG-75	
FRAME/BORDER TYPE	-	
MODULE SIZE	24X24	24x24
PATTERN	-	
FINISH	OFF WHITE	OFF WHITE
MANUFACTURER	TITUS	TITUS
MODEL NUMBER	OMNI	PAS
REMARKS	-	

EXHAUST FAN SCHEDULE									
TAG	SERVICE	CFM	FAN TYPE	E.S.P. (IN.WG)	DRIVE	ELECTRICAL			REMARKS
						WATTS	V	PH	
EF-1 TO EF-5	SEE PLAN	60	CEILING	0.35	DIRECT	45	120	1	GREENHECK SP-B70
EF-6 & EF-7	SEE PLAN	300	INLINE	0.35	DIRECT	80	120	1	GREENHECK CSP-A290
EF-8	SEE PLAN	450	INLINE	0.35	BELT	1/4 HP	120	1	GREENHECK CSP-A290

1. PROVIDE BACK DRAFT DAMPER, 2. EXHAUST AIR OUTLET

PUMP SCHEDULE										
MARK	SERVING	GPM	PD Fthd	HP	RPM	TYPE	MANU	MODEL	V-PH-HZ	NOTES
P-1	B-1 / HEATING WATER LOOP	35	20	1/3	1760	IN-LINE	TACO	2445	208-1-60	1
P-2	B-2 / HEATING WATER LOOP	35	20	1/3	1760	IN-LINE	TACO	2445	208-1-60	1
P-3	B-1 / DOMESTIC WATER LOOP	20	25	1/3	1760	IN-LINE	TACO	2445	208-1-60	1
P-4	B-2 / DOMESTIC WATER LOOP	20	25	1/3	1760	IN-LINE	TACO	2445	208-1-60	1

NOTES:
1) PROVIDE PUMPS WITH STARTER & DISCONNECT SWITCH

AIR HANDLING UNIT													
MARK	TYPE	COIL HEATING (MBH)	GPM	DX COOLING TON	CFM @ 0.5	EXT. S.P.	FRESH AIR CFM	MOTOR HP	FLA AMPS	MAX FUSE	VOLTAGE	# OF ZONE	MANUFACTURER REMARKS
AHU-1	MULTI POSITION	55	6	3	1050	0.85	100	1/2	3.0	15	120/60/1	6	FIRST CO. 36SHX ① ② ③
AHU-2	MULTI POSITION	55	6	3	1020	0.85	100	1/2	3.0	15	120/60/1	4	FIRST CO. 36SHX ① ② ③
AHU-3	MULTI POSITION	35	4	2	800	0.75	100	1/3	1.4	15	120/60/1		FIRST CO. 24SHX ① ②
AHU-4	MULTI POSITION	35	4	2	700	0.75	450	1/3	1.4	15	120/60/1		FIRST CO. 24SHX ① ②
AHU-5	MULTI POSITION	35	4	2	700	0.75	60	1/3	1.4	15	120/60/1		FIRST CO. 24SHX ① ②

① CONDENSATE PAN AND OVERFLOW SAFETY SWITCH
② 2-ROW HOT WATER COIL
③ PROVIDE ZONE CONTROLS EQUAL TO HONEYWELL TrueZONE SYSTEM.
HONEYWELL CONTROL KIT SHALL INCLUDE HZ322 CONTROL PANEL, WIRELESS FOCUSPRO THERMOSTATS, ADAPTER AND BY-PASS DAMPER MODEL-SPRD10 ETC.

COORDINATE ELECTRICAL REQUIREMENTS

CONDENSING UNIT									
MARK	SERVICE	REFRIGERANT	COMP. TYPE	COOLING	SEER	MINIMUM CKTS AMPS	MOP	VOLT	MANUFACTURER / MODEL
CU-1	AHU-1	R-410A	SCROLL	3 TON	16	23	40	208-1PH	YORK CZF036
CU-2	AHU-2	R-410A	SCROLL	3 TON	16	23	40	208-1PH	YORK CZF036
CU-3	AHU-3	R-410A	SCROLL	2 TON	16	18	30	208-1PH	YORK CZF024
CU-4	AHU-4	R-410A	SCROLL	2 TON	16	18	30	208-1PH	YORK CZF024
CU-5	AHU-5	R-410A	SCROLL	2 TON	16	18	30	208-1PH	YORK CZF024 ①

1. PROVIDE UNIT W/ LOW TEMP. AMBIENT KIT

ENERGY RECOVERY VENTILATOR																							
UNIT NO.	TYPE	ROOM AIR		OUTDOOR		EXHUST		O.A		EFFECTIVENESS	FAN SUPPLY DISCHARGE TEMP.				TOTAL ENERGY SAVING	MOTOR HP	FLA	ELECTRICAL DATA	MANUFACTURER MODEL NUMBER	REMARKS			
		WINTER (°F)	SUMMER (°F)	WINTER (°F)	SUMMER (°F)	CFM	ESP	CFM	ESP		TEMP.	TOTAL		WINTER(°F)							SUMMER(°F)	WINTER (MBH)	SUMMER (MBH)
												W	S										
ERV-1	STATIC PLATE	70	75	0	95	450	0.75	450	1.0	73%	66%	56%	51	40	80	68	24	7	0.6	3.5	208V/1/60	RENEWAIRE EV450IN	①②③

① FUSED DISCONNECT SWITCH ② TRANSFORMER RELAY PACKAGE ③ SUPPORTING BRACKET W/ VIBRATION ISOLATOR

UNIT HEATER SCHEDULE (HOT WATER)													
TAG	LOCATION	TYPE	OUTPUT MBH	AIR			MOTOR			WATER			REMARKS
				CFM	RPM	HP	ELECTRIC SERVICE			GPM	FWT (F)	LWT (F)	
							HZ	V	PH				
UH-1	SALLY PORT	HORIZONTAL	15	420	1070	16 WATTS	60	115	1	1.5	180	160	STERLING, AIRTHERM, BEACON MORRIS OR EQUAL
CUH-1	VESTIBULE	CEILING RECESSED	18	230	1050	16 WATTS	60	115	1	1.5	180	160	AIRTHERM RC-02

1. PROVIDE WITH POWER DISCONNECT.
2. PROVIDE INLINE THERMOSTAT.

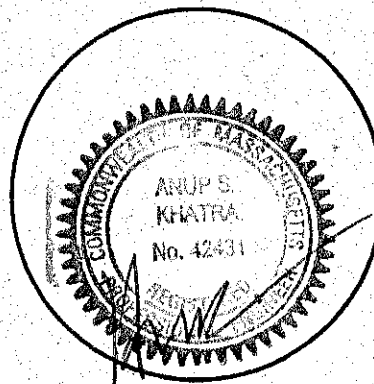
ZONE DAMPERS					
MARK	SERVICE	SIZE	CFM	AREA	MANUFACTURER
ZN1A	AHU-1	6"ø	75	EVIDENCE	ARD6
ZN2A	AHU-1	10x8	250	SQUAD RM	ZD10x8
ZN3A	AHU-1	10x8	125	INTERVIEW	ARD8
ZN4A	AHU-1	12x10	175	DETECTIVES	ARD8
ZN5A	AHU-1	10x8	250	SERGEANTS	ZD10x8
ZN6A	AHU-1	10x8	175	MEN & WOMEN TOILET	ARD8
BY-PASS DAMPER		AHU-1		SPRD10	

ZONE DAMPERS					
MARK	SERVICE	SIZE	CFM	AREA	MANUFACTURER
ZN1B	AHU-2	12x8	150	EVIDENCE	ARD8
ZN2B	AHU-2	12x10	200	INTERVIEW	ZD10x8
ZN3B	AHU-2	10x8	300	DETECTIVES	ZD10x8
ZN4B	AHU-2	12x10	225	SERGEANTS	ZD10x8
BY-PASS DAMPER		AHU-2		SPRD10	

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SCALE:

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