AIR HANDLING UNIT SCHEDULE (With In-Duct Return Fans) S021.DWG 8/5/98 SUPPLY FAN (2) RETURN FAN PREHEAT COIL COOLING COIL FILTER SPILL HUMIDIFIER AIR SIDE STEAM SIDE AIR SIDE WATER SIDE PRE-FILTER CARBON FILTERS FINAL FILTER Return POWER Number Number 8.0 | - | 100 | - | TEFC | YES | YES | YES | YES | AHU-1 PENTHOUSE 80,000 - | 20,000 | SEE FAN SCHEDULE SA-480V-3ø-60 Hz | YES | (7) - | - | 2 | 10 | 8.0 | - | 100 | - | TEFC | YES | YES | YES | AHU-2 PENTHOUSE 80,000 20,000 SEE FAN SCHEDULE 480V-3ø-60 Hz | YES | (7) - | - | - | - | - | - | - | - | - | 800 | -10 | 60 | 2 | 8 | 0.1 | 5 AHU-3 GROUND MER 480V-3ø-60 Hz | YES | 18,600 9,200

1. 4" DEEP FARR 30/30 (30% ASHRAE EFFICIENCY).

FAN SHALL BE PERMITTED TO RUN.

2. PROVIDE VARIABLE SPEED DRIVES. 3. 12" DEEP FARR MINIM—PLEAT HIGH CAPACITY ABSOLUTE HEPA FILTER (99.97% DOP

EFFICIENCY), TYPE "F". REFER TO SPECIFICATIONS. 4. DURING EMERGENCY POWER OPERATIONS ONLY ONE (1) SUPPLY FAN AND ONE (1) RETURN 5. HUMIDIFIER SHALL INCLUDE 2 BANKS WITH MINIMUM OF 5 DISTRIBUTION TUBES EACH AND 2 KETTLES.

9. VERTICAL INTEGRAL FACE & BYPASS STEAM PREHEAT COIL. 10. DIRECT DRIVE PLENUM FAN 11. STEAM FLOW BASED ON 60% AIRFLOW AT 100% OA

7.	REFE	7 TO	SPECIF	ICATIONS	FOR	AHU ALT	ERNATES	•				
8.	PREFI	LTER	SHALL	INCLED	4" DE	EP FARR	30/30	(30%	ASHRAE)	FOLLOWED	BY	12"
	DEEP	FARE	RIGAF	LO 100	(85%	AHRAE)						

6. 12" DEEP CARBON ABSORBERS FILTER BANK. TYPE "I", REFER TO SPECIFICATIONS

		AIR DIS	STRIBU	ITION	DEVIC	E SCI	HEDULE	
UNIT NUMBER	SERVICE	AIR PATTERN	NOMINAL FACE SIZE	NECK SIZE	MATERIAL (NOTE 1)	ACCESSORIES	BASIS OF DESIGN	REMARKS
Α	CEILING SUPPLY	ONE WAY BLOW	SEE PLANS	AS NOTED	STEEL	OBD	TUTTLE & BAILEY MODEL RC	-
В	CEILING SUPPLY	TWO WAY (90°) BLOW	SEE PLANS	AS NOTED	STEEL	OBD	TUTTLE & BAILEY MODEL RC	-
С	CEILING SUPPLY	TWO WAY (180°) BLOW	SEE PLANS	AS NOTED	STEEL	OBD	TUTTLE & BAILEY MODEL RC	-
D	CEILING SUPPLY	THREE WAY BLOW	SEE PLANS	AS NOTED	STEEL	OBD	TUTTLE & BAILEY MODEL RC	-
E	CEILING SUPPLY	FOUR WAY BLOW	SEE PLANS	AS NOTED	STEEL	OBD	TUTTLE & BAILEY MODEL RC	-
F	RETURN/EXHAUST	35° FIXED ; 1/2" O.C.	SEE PLANS	AS NOTED	STEEL	OBD	TUTTLE & BAILEY MODEL T70D	-
G	SIDEWALL SUPPLY	DOUBLE DEFLECTION	SEE PLANS	AS NOTED	STEEL	OBD	TUTTLE & BAILEY MODEL A547	-
Н	LOW WALL RET/EXH	45° FIXED ; 1/2" O.C.	SEE PLANS	AS NOTED	ALUMINUM	OBD	TUTTLE & BAILEY MODEL A110DG	-
l	LINEAR	1 OR 2 WAY BLOW	SEE PLANS	AS NOTED	STEEL	OBD	TUTTLE & BAILEY MODEL EH	
J	CEILING SUPPLY	LAMINAR	SEE PLANS	AS NOTED	STEEL/ALUM	OBD	TUTTLE & BAILEY MODEL CRD	
К	CEILING RETURN	SLOT RETURN	SEE PLANS	AS NOTED	STEEL/ALUM	OBD	TUTTLE & BAILEY 7000 SERIES	
N1	CEILING SUPPLY	ONE WAY	48"x24"	10 " ø	ALUMINUM	-	TUTTLE & BAILEY MODEL VECTOR	NON-ASPIRATING/ FLUSH MOUNT
N2	CEILING SUPPLY	ONE WAY	24"x24"	10 " ø	ALUMINUM	-	TUTTLE & BAILEY MODEL VECTOR	NON-ASPIRATING/ FLUSH MOUNT
N3	CEILING SUPPLY	ONE WAY	24"x48"	12 " ø	ALUMINUM	_	TUTTLE & BAILEY MODEL VECTOR	NON-ASPIRATING/ FLUSH MOUNT

<u>NOTES:</u> 1. PROVIDE EXTENDED PANS.

												6/95 S105.DWG
			HIIM	11D1	FIFI	R S(CHED) F				
			11010	וטו	_	\ \ \ \ \ \						
				STEAM	SUPPLY	TEMP	MIN	,, , ,	SPACE	DESIGN		NOTES
UNIT NUMBER	LOCATION	SERVICE	CFM	PSIG	LBS/HR	SAFFTY	TURNDOWN RATIO	# OF TUBES	*F	%RH	SIMILAR TO	SEE BELOW
H-1	LEVEL 1	MRI	1,300	5	33.0	YES	_	-	72	50	ULTRASORB	1,2,3
H-2	LEVEL 1	CT SCAN	2,400	5	60.0	YES	_	_	72	50	ULTRASORB	1,2,3
H-3	LEVEL 2	O.R. #1	3,000	5	75.0	YES	_	_	70	50	ULTRASORB	1,2,3
H-4	LEVEL 2	O.R. #2	3,000	5	75.0	YES	-	_	70	50	ULTRASORB	1,2,3
H-5	LEVEL 2	O.R. #3	3,000	5	75.0	YES	_	_	70	50	ULTRASORB	1,2,3
H-6	LEVEL 2	O.R. #4	3,000	5	75.0	YES	_	_	70	50	ULTRASORB	1,2,3
H-7	LEVEL 2	O.R. #5	3,000	5	75.0	YES	_	_	70	50	ULTRASORB	1,2,3
H-8	LEVEL 2	O.R. #6	3,000	5	75.0	YES	_	_	70	50	ULTRASORB	1,2,3
H-9	LEVEL 2	MINOR PROCEDURES	3,000	5	75.0	YES	_	_	72	50	ULTRASORB	1,2,3
H-10	LEVEL 3	C-SECTION 1	1,700	5	43.0	YES	_	_	72	50	ULTRASORB	1,2,3
H-11	LEVEL 3	C-SECTION 2	1,700	5	43.0	YES	_	_	72	50	ULTRASORB	1,2,3
H-12	LEVEL 3	NURSERY	1,100	5	28.0	YES	_	_	72	50	ULTRASORB	1,2,3
H-13	LEVEL 3	TREATMENT ROOMS	550	5	14.0	YES	_	_	75	50	ULTRASORB	1,2,3

1. MAXIMUM VISIBLE VAPOR TRAIL SHALL NOT EXCEED 3'-0"
2. COORDINATE DISPERSION TUBE WITH ACTUAL DUCT SIZE. 3. PROVIDE HUMIDIFIER WITH ELECTRONIC ACTUATOR

						CC	OL	ING	T	WC	ER	SC	CHE	DU	LE			6/95 S109.DWG
						OPFN		MOTOR DATA @ 60 HZ E QUANT.					60 HZ					
UNIT NUMBER	NOM. TONS	EWT *F	LWT F	FAT F WB	GPM	OPEN LIFT (FT)	NOZZLE PRESS.	QUANT. OF FANS	S BHP MHP RPM SPEEDS REVERS. VOLTS PHASE					VOLTS	PHASE	SIMILAR TO	REMARKS	EMER POWER
CT-1	650	96	85	78	1,625	_	_	1	25	30	1800	4	-	460	3	MARLEY NC8309EI	1,2,3	YES
FUTURE CT-2	650	_	-	_	1,625	_	-	-	_	_	_	-	-	_	_	-	1,2,3	YES/NO
FUTURE CT-3	650	_	-	_	1,625	_	_	-	_	_	_	_	-	_	_	-	1,2,3	YES/NO

NOTES:
1. PROVIDE ELECTRIC HEATERS FOR COOLING TOWER BASINS. (HEATERS FOR -12°F)

2. PROVIDE CELL WITH SERVICE PLATFORM & LADDER. 4. PROVIDE VFD 3. TOWER TO HAVE STAINLESS STEEL BASINS

					CE	NTF	RIF	JGA	7[СН	ILL	ER	S(CHE	DU	JLE						6/95 S106.DWG
		ELEC	CTRICAL D)ATA			E	VAPORATO	R					COND	ENSER			COMF	PRESSOR	DATA	NOTES	
UNIT NUMBER	CH-1 650	VOLTS	PHASE	MAX. CIRC. AMP.	EWT *F	LWT *F	GPM	FLUID	# OF PASSES	FOULING FACTOR	ΔPRESS FT. H₂0	EWT *F	LWT *F	GPM	# OF PASSES	FOULING FACTOR	ΔPRESS FT. H₂0	FLA	KW RATING	KW/TON MAX	OFF	EMER POWER
	650	460	3	_	58.0	42.0	1000	WATER	2	0.0005	11.09	85	96	1,625	2	0.001	21.34	_	-	ı	1,2	NO
FUTURE CH-2	MBER TONS VOLTS PHASE N C A H-1 650 460 3 TURE 1-2 650 - 3 TURF 650 - 3	_	-	_	_	_	_	0.0005	-	-	_	_	_	0.001	_	-	_	-	_	-		
NUMBER TONS CH-1 650	-	3	_	-	-	-	_	_	0.0005	-	-	_	_	-	0.001	_	=	-	=	_	_	

NOTES:

1. SIMILAR TO TRANE CVHF

2. PROVIDE VARIABLE FREQUENCY DRIVE.

3. CHILLERS TO BE PROVIDED W/ STARTER

	CV EX	XHAL	JST	AIR	VALV	E S	CHE	DULE	
UNIT NUMBER	LOCATION	MIN. CFM	MAX. CFM	INLET SIZE	OUTLET SIZE	MAX. P.D. (IN. W.G.)	MAX. NC	BASIS OF DESIGN	REMARK
CEAV-1	SEE PLANS	165	1230	12 " ø	12"ø	0.6	40	PHOENIX	
CEAV-2	SEE PLANS	70	1460	25x12	25x12	0.6	40	PH0ENIX	

CV	H00E) EX	(HAU	ST A	AIR \	/ALVE	E S(CHED	ULE
UNIT NUMBER	LOCATION	MIN. CFM	MAX. CFM	INLET SIZE	OUTLET SIZE	MAX. P.D. (IN. W.G.)	MAX. NC	OF DESIGN	REMARKS
HV-1	SEE PLANS	35	730	10"ø	8"ø	0.6	40	PHOENIX	
HV-2	SEE PLANS	165	1230	12"ø	10"ø	0.6	40	PHOENIX	

<u>NO</u> 1.	TE	<u>s:</u> Fume	HOOD	VALVES	SHALL	BE	CONSTANT	VOLUME	TYPE	WITH	PHENOLIC	COATING.	

									-	_																				8/3/99	S014.DWG
						V	ARIA	BLE	-	&	CC	NS	TAN	I T	VOI	LUN	ME	B(X	SCH	HEDL	JLE									
		<u> </u>	ADDECC	1			HOT W	ATER COIL				I INI ET	NOIS	F CRITERI	A (AT LIS	TED INLE	T SD)		1		1			SILEN	CER T	$\overline{}$	비만	5 .18	,		
UNIT	TYPE	DESIGN RANGE	△PRESS IN. H ₂ 0				AIR	Alf	p	M/	VATER X MIN	INLET STATIC			OUND POV		•	ıΝ	INLET CONNECT	INLET DUCT	OUTLET CONNECT	OUTLET DUCT	MAX. BOX		로 본	SS	GRAI			SIMILAR TO	
NUMBER	IIFL	(CFM)	(MAX)	мвн	EWT F	LWT *F	EAT LAT	GPM △	$P \mid \mathbf{k}$	FPI AF	NO.0	PRESS (IN.)	125hz	250hz	1	1Khz	2Khz	i	SIZE (IN)	SIZE (IN)	SIZE (IN)	SIZE (IN)	DEPTH (IN)	INTEGRAL	EXTERNAL SEE SCH.	THICKNESS	\$ S S S S S S S S S	BEFOR (ACCESS	VETER VOTES	SIMILAR TO	
VCV-5	VARIABLE/CONSTANT VOLUME	65-250	0.7	12.2		140	55 100	0.6 0.5	120	10 8	20 ROWS	1.5	54	54	49	41	30	27	5ø	6ø	12X12	12X6	13	YES	NO =			^cc B }꿈 당		ENVIRO-TEC SDR	R-SA
VCV-5	VARIABLE/CONSTANT VOLUME	75–400	0.7	19.4		140	55 100	1.0 0.		10 8	2	1.5	58	61	55	45	31	27	6ø	7ø	12X12	12X10	13	YES	NO			YES BY YES BY	AC '	METAL—AIR 400- ENVIRO—TEC SDR	<u>-</u> th R-sa
VCV 0	VARIABLE/CONSTANT VOLUME	150-700	0.7	34.0		140	55 100	1.7 0.	_	10 8	2	1.5	58	57	53	48	36	33	8ø	9ø	14X12	12X12	13	YES	NO			YES HV	AC L	METAL—AIR 400- ENVIRO—TEC SDR	-th R-sa
VCV-10	VARIABLE/CONSTANT VOLUME	250-1000	0.7	48.6		140	55 100	2.4 0.		10 8	2	1.5	58	58	56	49	39	38	10ø	11ø	16X12	16X12	13	YES	NO			YES HV	AC L	METAL—AIR 400- ENVIRO—TEC SDR	-TH R-SA
VCV-12	VARIABLE/CONSTANT VOLUME	350-1500	0.7	72.9		140	55 100	3.7 0,		10 8	2	1.5	59	60	59	52	45	42	14X8 	13ø	18X12	20X12	13	YES	NO			YES HV	AC 1	METAL—AIR 400— ENVIRO—TEC SSD	<u>−TH</u> D−SA
VCV-14	VARIABLE/CONSTANT VOLUME	475–1950	0.7	94.8		140	55 100	4.7 0.	-	10 8	2	1.5	62	63	58	51	46	44	17X8 ⇔	14ø	24X12	24X12	13	YES	NO			YES BY	AC 1	METAL—AIR 400— ENVIRO—TEC SSD	D-SA
VCV-16	VARIABLE/CONSTANT VOLUME	600-2400	0.8	+	180	140	55 100	5.8 0.		10 8	2	1.5	69	67	65	61	56	52	16ø	16ø	23X16	23X16	18	YES	NO			YES BY	AC 1	METAL—AIR 400- ENVIRO—TEC SSD METAL—AIR 400-	D-SA
VCV-19	VARIABLE/CONSTANT VOLUME	1150-2800		136.0		140	55 100	6.8 0.		10 8	2	1.5	74	77	77	75	73	71	28X14 -	-	29X16	29X16	18	YES	NO			YES BY	AC 1	ENVIRO-TEC SSD METAL-AIR 400-	D-SA
VCV-22	VARIABLE/CONSTANT VOLUME	1700-3300		+		140	55 100	8.0 0.8		10 8	2	1.5	79	79	82	76	72	70	32X16 ←		33X16	33X16	18	YES	NO			YES BY	AC 1	ENVIRO-TEC SSD METAL-AIR 400-	D-SA
	,																											HW	AC	METAL-AIR 400-	<u>-ın</u>
CV-5	CONSTANT VOLUME	65-250	0.7	12.2	180	140	55 100	0.6 0.	5	10 8	2	1.5	54	54	49	41	30	27	5ø	6ø	12X12	12X6	13	YES	NO	1"	YES Y	YES B'	Y 1	ENVIRO-TEC SDR	R-SA
CV-6	CONSTANT VOLUME	75-400	0.7	19.4	180	140	55 100	1.0 0.	5	10 8	2	1.5	58	61	55	45	31	27	6ø	7ø	12X12	12X10	13	YES	NO			YES BY	$\frac{AC}{AC}$ 1	METAL—AIR 400- ENVIRO—TEC SDR METAL—AIR 400-	R-SA
CV-8	CONSTANT VOLUME	150-700	0.7	34.0	180	140	55 100	1.7 0.	5	10 8	2	1.5	58	57	53	48	36	33	8ø	9ø	14X12	12X12	13	YES	NO			YES BY	$\frac{\partial C}{\partial C}$ 1	I ENVIRO-TEC SDR	R-SA
CV-10	CONSTANT VOLUME	250-1000	0.7	48.6	180	140	55 100	2.4 0.	5	10 8	2	1.5	58	58	56	49	39	38	10ø	11ø	16X12	16X12	13	YES	NO			YES BY	Y AC 1	METAL—AIR 400- ENVIRO—TEC SDR METAL—AIR 400-	.R−SA µ−TH
CV-12	CONSTANT VOLUME	350-1500	0.7	72.9	180	140	55 100	3.7 0.	5	10 8	2	1.5	59	60	59	52	45	42	14X8 ⇔	13ø	18X12	20X12	13	YES	NO	1"	YES Y	YES BY	YAC 1	I ENVIRO-TEC SSD	D-SA
CV-14	CONSTANT VOLUME	475-1950	0.7	94.8	180	140	55 100	4.7 0.	5	10 8	2	1.5	62	63	58	51	46	44	17X8 ⇔	14ø	24X12	24X12	13	YES	NO	1"	YES Y	YES BY	YAC 1	METAL—AIR 400- ENVIRO—TEC SSD METAL—AIR 400-)—TH
CV-16	VARIABLE/CONSTANT VOLUME	600-2400	0.8	116.6	180	140	55 100	5.8 0.	5	10 8	2	1.5	69	67	65	61	56	52	16ø	16ø	23X16	23X16	18	YES	NO	1"	YES Y	YES BY	YAC 1	I ENVIRO-TEC SSD	D-SA
CV-19	VARIABLE/CONSTANT VOLUME	1150-2800	0.8	136.0	180	140	55 100	6.8 0.	5	10 8	2	1.5	74	77	77	75	73	71	28X14 	- 18ø	29X16	29X16	18	YES	NO	1"	YES Y	YES BY	YAC 1	METAL—AIR 400- ENVIRO—TEC SSD METAL—AIR 400-)—TH
CV-22	VARIABLE/CONSTANT VOLUME	1700-3300	0.8	160.0	180	140	55 100	8.0 0.8	5	10 8	2	1.5	79	79	82	76	72	70	32X16 ←	- 20ø	33X16	33X16	18	YES	NO	1"	YES Y	YES BY	YAC 1	ENVIRO-TEC SSD METAL-AIR 400-	D-SA
W-5	VARIABLE VOLUME	65-250	0.2						-		-	1.5	54	54	49	41	30	27	5ø	6ø	12X12	12X6	13	YES	NO	1"	YES \	YES BY		ENVIRO-TEC SDR METAL-AIR 400-	HTH
W-6	VARIABLE VOLUME	75-400	0.2						- -		-	1.5	58	61	55	45	31	27	6ø	7ø	12X12	12X10	13	YES	NO	1"	YES Y	YES B'	AC 1	ENVIRO-TEC SDR METAL-AIR 400-	HT–
W-8	VARIABLE VOLUME	150-700	0.2						- -		-	1.5	58	57	53	48	36	33	8ø	9ø	14X12	12X12	13	YES	NO	1"	YES Y	YES B'	AC 1	ENVIRO-TEC SDR METAL-AIR 400-	HT–
W-10	VARIABLE VOLUME	250-1000	0.2						- -		-	1.5	58	58	56	49	39	38	10ø	11ø	16X12	16X12	13	YES	NO	1"	YES Y	YES B	AC 1	ENVIRO-TEC SDR METAL-AIR 400-	HT–
W-12	VARIABLE VOLUME	350-1500	0.2						- .		-	1.5	59	60	59	52	45	42	14X8 ←	13ø	18X12	20X12	13	YES	NO	1"	YES 1	YES HV		ENVIRO—TEC SSD METAL—AIR 400—	HT—
W-14	VARIABLE VOLUME	475–1950	0.2						- -		-	1.5	62	63	58	51	46	44	17X8 ⇔	14ø	24X12	24X12	13	YES	NO	1"	YES 1	YES HV	AC 1	ENVIRO-TEC SSD METAL-AIR 400-	
																													24	ENVIRO-TEC SDF	1D V
CVR/WR-5	VARIABLE VOLUME RETURN	65-250	0.2						- -			1.5	54	54	44	41	30	27	12X12	12X6	12X6	12X6	13	YES	NO NO			YES BY	AC 1	METAL—AIR 400— ENVIRO—TEC SDF	I–EX
CVR/WR-6	VARIABLE VOLUME RETURN	75-400	0.2						- -			1.5	58	61	55	45	31	27	12X12	12X10	12X10	12X10	13	YES	NO		-	YES H		METAL—AIR 400— ENVIRO—TEC SDF	I–EX
CVR/WR-8	VARIABLE VOLUME RETURN	150-700	0.2						- -			1.5	58	57	53	48	36	33	14X12	12X12	12X12	12X12	13	YES	NO		-	YES B	/AC '	METAL—AIR 400— ENVIRO—TEC SDF	I–EX
CVR/VVR-10	VARIABLE VOLUME RETURN	250-1000	0.2						- -			1.5	58	58	56	49	39	38	16X12	16X12	16X12	16X12	13	YES	NO		-	YES B	/AC '	METAL-AIR 400- ENVIRO-TEC SSI	–FX
CVR/VVR-12	VARIABLE VOLUME RETURN	350-1500	0.2						- -			1.5	59	60	59	52	45	42	18X12	20X12	20X12	20X12	13	YES	NO		-	YES BY	AC 1	METAL-AIR 400- ENVIRO-TEC SSI	I–FX
CVR/VVR-14	VARIABLE VOLUME RETURN	475-1950	0.2						- -			1.5	62	63	58	51	46	44	24X12	24X12	24X12	24X12	13	YES	NO			YES HW	AC 1	METAL-AIR 400- ENVIRO-TEC SSI	I–FX
CVR/VVR-16	VARIABLE VOLUME RETURN	650-2300	0.2						- -			1.5	64	65	59	54	48	44	36X12	30X12	36X12	30X12	13	YES	NO NO		-	YES BY	AC 1	METAL—AIR 400— ENVIRO—TEC SSI	I–EX
CVR/VVR-18	VARIABLE VOLUME RETURN	900-2800	0.2									1.5	70	70	67	63	51	52	40X12	34X12	40X12	34X12	13	YES	NO NO		-	YES HV		METAL—AIR 400— ENVIRO—TEC SSI	I–EX
CVR/VVR-20	VARIABLE VOLUME RETURN	1100-3300	0.2						_ -			1.5	71	71	70	63	55	52	48X12	40X12	48X12	40X12	13	YES	NO	1"	YES Y	YES HW	AC 1	METAL-AIR 400-	

NOTES: COIL PRESSURE DROP LISTED IS MAXIMUM BOX SIZE OR COIL SIZE SHALL BE INCREASER SO THAT PRESSURE DROP IS NOT EXCEEDED AT MAXIMUM AIR FLOW.

			40000:		T		WHEEL			MOTOR	DATA @	60 H7						NOTES	Τ
UNIT NUMBER	LOCATION	SERVICE	ASSOCIATED AHUs, EQUIPMT.	CFM	S.P. (IN. H ₂ 0	FAN) RPM	DIAMETER (IN.)	CLASS	BHP	MIN. MHP	RPM	VOLTS	PHASE	INLET VANES	FAN TYPE	SIMILAR TO	EQUIPMENT INTERLOCK	SEE BELOW	EMI POW
SF-1	PENTHOUSE	PENTHOUSE VENT.	_	12,000	1.0	781	30.0	1	4.04	5.0	1725	460	3	-	CENTRI	COOK 300SQIB	-		N
SF-2	PENTHOUSE	PENTHOUSE VENT.	_	12,000	1.0	781	30.0	1	4.04	5.0	1725	460	3	_	CENTRI	COOK 300SQIB	-	-	N
EX-1	PENTHOUSE	TOILET EXHAUST	_	16,000	1.75	1164	30.0	1	_	10.0	1725	460	3	_	CENTRI	COOK 300UCIC	_	6	
EX-2	PENTHOUSE	LAB EXHAUST	-	2,175	4.0	2354	_	1	4.0	5.0	1725	460	3	_	CENTRI	COOK 165 CPA	-	_	Y
EX-3	PENTHOUSE	ISOLATION	-	1,900	3.25	-	12.0	1	_	3.0	1725	460	3	_	CENTRI	COOK 120CIC	57	2	Y
EX-4	PENTHOUSE	ISOLATION	-	1,900	3.25	_	12.0	1	_	3.0	1725	460	3	_	CENTRI	COOK 120CIC	57	1,2	Y
EX-5	PENTHOUSE	CLEAN ROOM	-	1,200	3.5	-	_	1	1.93	3.0	1725	460	3	-	CENTRI	COOK 90 MH SD	-	_	Y
EX-6	PENTHOUSE	INF. WASTE	-	275	1.0	-	12.0	1	.151	0.25	1725	120	1	-	CENTRI	COOK 12 CVB	-	_	N
EX-7	PENTHOUSE	CART WASH	-	1,500	1.5	-	16.0	1	1.3	2.0	1725	460	3	-	CENTRI	COOK 16CVB	-	_	N
EX-8	PENTHOUSE	STERILIZER EXHAUST	-	2,350	1.5	-	16.0	1	.75	1.0	1725	460	3	-	CENTRI	COOK 16CVB	-	_	N
EX-9	PENTHOUSE	BODY HOLDING	-	300	1.0	-	12.0	1	.17	0.25	1725	120	1	-	CENTRI	COOK 12CVB	-	_	Y
EX-10	PENTHOUSE	KITCHEN HOOD EXHAUST	-	11,000	2.0	785	36.5	1	6.0	7.5	1725	460	3	-	CENTRI	COOK 365 VCR-HP	-	2,3,6	N
EX-11	PENTHOUSE	SERVERY EXHAUST	-	700	1.0	-	16.0	1	0.53	0.75	1725	460	3	-	CENTRI	COOK 16CVB	-	_	N
EX-12	PENTHOUSE	MRI EMERGENCY EXHAUST	-	1,500	1.75	-	14.0	1	1.14	1.5	1725	460	3	-	CENTRI	COOK 16CVB	-	4	Y
EX-13	PENTHOUSE	HAZMAT	-	275	1.0	-	14.0	1	.212	0.33	1725	120	1	-	CENTRI	COOK 14CVB	-	3	Y
EX-14	PENTHOUSE	LAB EXHAUST	-	4,025	4.0	2,354	_	1	4.0	5.0	1725	460	3	-	CENTRI	COOK 165 CPA	-	1	Y
EX-15	PENTHOUSE	BATTERY STORAGE	-	400	1.5	-	12.0	1	0.212	0.33	1725	120	1	-	CENTRI	COOK 12CVB	-	_	Y
EX-16	PENTHOUSE	DISHWASHER EXHAUST	-	700	1.5	1,628	14.0	1	0.533	0.75	1725	460	3	-	CENTRI	COOK 14CVB	-	_	N
EX-17	FIRE PUMP	FIRE PUMP	-	400	0.5	928	15.0	1	.109	0.25	1725	120	1	-	CENTRI	COOK 150SQIB	-	3	Y
EX-18	CHILLER RM	CHILLER RM	-	3,000	1.25	1,274	19.5	1	3.0	5.0	1725	460	3	-	CENTRI	COOK 195SQIB	-	3	Y
EX-19	BOILER RM	BOILER RM	-	3,000	1.25	1,181	18.0	1	1.09	1.5	1725	120	1	-	CENTRI	COOK 180SQIB	-	2	Y
EX-20	PENTHOUSE	ANES. EXHAUST	-	400	1.0	1,534	12.0	1	.212	0.33	1725	120	1	-	CENTRI	COOK 12CVB	-	3	Y
EX-21	PENTHOUSE	PENTHOUSE VENT.	-	24,000	0.5	404	49.0	1	5.5	7.5	1725	460	3	-	CENTRI	COOK 490ACEB	-	6	N
EX-22	PENTHOUSE	GENERAL EXHAUST	-	1,600	1.5	1,284	16.0	1	0.976	1.5	1725	460	3	-	CENTRI	COOK 18CVB			Y
EX-23	LOADING DOCK		-	400	_	-	_	-	_	0.33	1725	120	1	_	CENTRI	COOK		3	Y
EX-24	CHILLER RM	REFRIGERANT PURGE	-	3,000	_	_	_	_	_	_	_	_	_	-	-	-		_	Y
RF-1A	PENTHOUSE	AHU-1 RETURN	AHU-I	35,000	3.5	1,163	36.5	_	29.5	40.0	1725	460	3	_	CENTRI	COOK 365QMX		2	Y
RF-1B	PENTHOUSE	AHU-1 RETURN	AHU-I	35,000		1,263	36.5	_	29.5	40.0	1725	460	3		CENTRI	COOK 365QMX		2	' Y
RF-2A	PENTHOUSE	AHU-2 RETURN	AHU-2	31,000		1,090	36.5	_	25.0	40.0	1725	460	3		CENTRI	COOK 365QMX		2	' Y
RF-2B	PENTHOUSE	AHU-2 RETURN	AHU-2	31,000		1,090	36.5	_	25.0	40.0	1725	460	3		CENTRI	COOK 365QMX	_	2	' Y

1. 100% STAND-BY
4. EXHAUST FAN NORMALLY OFF. FAN TO RUN DURING PURGE MODE. REFER TO SEQUENCE
2. PROVIDE VARIABLE FREQUENCY DRIVE
5. BAG-IN/BAG-OUT FILTER HOUSING W/ PRE-FILTER & HEPA.

7. PROVIDE MOTORIZED BUBBLE-TIGHT ISOLATION VALVES AT INLET & OUTLET DISCHARGE OF THE FAN/FILTER BOX ASSEMBLY.

Revisions

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It is the responsibility of the Construction Manager/General Contractor and all Sub—Contractors to verify all dimensions and accept conditions of prior work by related trades before proceeding with any work.

11/10/06 Final—Issued for Construction EPV

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Project Title

Architects Ltd.

Foley Hoffmann

Mercy Health Care System of Maine

FORE RIVER SHORT STAY HOSPITAL



Project Number F05-4898 Drawing Title and Number HVAC SCHEDULES

H0.01