

AIR CONDITIONING UNITS (SYSTEMS)																															
1-AC UNIT NO.	LOCATION	AREA SERVED	SUPPLY/RETURN RELATIONSHIP					TYPE OF SYSTEM	FAN										WATER COILS							DISCHARGE					
			MAX. SA (REDUCED SA)	MAX. RA (REDUCED RA)	OFR	X OFR	IN V.G. T.S.P.		WHEEL RTR. DIA.	MAX RPM	MOTOR		SERVICE	OFR	MAX. VOLT. FPM	MAX. S.P. LOSS	ENT. AIR FF.		LVG. AIR FF.		CIRCULATING FLUID										
											HP	WAT. LIT.					FACE VOLT. FPM	ENT. AIR FF. DB	LVG. AIR FF. DB	TEMP. IN FF.	TEMP. OUT FF.	MAX. LOSS FT. FLUID	MIN. RHTON								
1	A	PHARMACY AREA "A"	8400	5300	2900	0.4	8800	5.50	AF	20	2100	15	34	460	YES	COOLING	8800	500	0.75	90.5	71.0	57.0	56.5	WATER	58	42	56.0	141.5	4	408	60 X 16
2	B	RESEARCH AREA "B"	24200	—	24200	100	25400	6.75	AF	30	1600	40	9	NO	NO	HEAT RECLAIM	25400	485	0.15	47.0	78.0	54.0	53.5	WATER	272	42	58.5	149.0	11	2240	108 X 22
3	C	SUPPLY AREA "C"	—	10000	—	17	12800	3.75	AF	22 1/4	1800	15	3	NO	NO	PREHEAT	12800	425	0.45	83.5	67.0	57.0	56.5	WATER	62	42	56.0	140.0	9	431	72 X 20
4	D	SHOP & SPD AREA "D"	21940	—	21940	100	23040	6.25	AF	27	1750	40	4	NO	NO	COOLING	23040	440	1.10	97.0	78.0	54.0	53.5	WATER	246	42	56.5	146.0	15	2032	104 X 28
5	A	DIAGNOSTIC AREA "A"	12410	—	12410	100	13030	6.00	AF	22 1/4	2000	20	3	NO	NO	COOLING	13030	440	0.70	97.0	78.0	57.0	56.5	WATER	149	42	56.0	145.0	18	1044	72 X 20
6	D	EMERGENCY AREA "D"	—	2100	—	900	3200	5.25	B1	12 1/4	3200	5	3	NO	NO	COOLING	3200	425	0.45	86.0	70.5	57.0	56.5	WATER	21	42	56.0	140.0	4	147	42 X 12
7	B	OUTPATIENT AREA "B"	12640	10000	VARIABLE VOLUME RET. AIR - 12 HR.	2040	16	13270	6.50	AF	22 1/4	2100	25	3	YES	COOLING	13270	425	0.45	83.0	68.5	57.0	56.5	WATER	69	42	56.0	148.0	8	480	72 X 20
8	C	AMBULATORY CARE AREA "C"	16800	16800	VARIABLE VOLUME RET. AIR - 12 HR.	21300	321	22300	6.00	AF	30	1450	30	3	YES	COOLING	16800	500	0.55	84.5	69.0	57.0	56.5	WATER	133	42	56.0	138.0	15	932	108 X 22
9	D	AMBULATORY CARE AREA "D"	92700	65000	VARIABLE VOLUME RET. AIR - 12 HR.	14500	242	22500	6.00	AF	30	3	3	YES	PREHEAT	22500	430	0.45	84.5	69.5	57.0	56.5	WATER	61	42	56.0	140.0	4	619	60 X 18	
10	A	LIBRARY/CHAPEL AREA "A"	11300	10300	VARIABLE VOLUME RET. AIR - 12 HR.	1700	15	9600	6.50	AF	20	2300	20	3	YES	PREHEAT	9600	425	0.45	10.0	—	38.0	36.5	WATER	13	180	140.0	140.0	7	461	72 X 18
11	B	CHURCH/CHAPEL AREA "B"	10400	8700	VARIABLE VOLUME RET. AIR - 12 HR.	1700	16	11900	6.00	AF	22 1/4	2000	20	4	YES	COOLING	11900	425	0.45	83.5	68.0	57.0	56.5	WATER	66	42	56.0	143.0	4	131	72 X 18
12	C	CANTEN AREA "C"	12000	—	VARIABLE VOLUME REHEAT - 12 HR.	12000	100	12800	6.50	AF	22 1/4	2100	25	3	YES	COOLING	12800	425	0.75	97.0	78.0	55.0	53.5	WATER	159	42	56.0	140.0	13	624	72 X 20
13	C	DIAGNOSTIC AREA "C"	17400	13250	VARIABLE VOLUME RET. AIR - 12 HR.	4150	24	18300	6.25	AF	27	1650	30	3	YES	COOLING	18300	500	0.60	85.0	70.0	57.0	56.5	WATER	118	42	56.0	146.0	13	824	96 X 22
14	D	REHAB./DENTAL AREA "D"	16800	6800	VARIABLE VOLUME RET. AIR - 12 HR.	7600	48	16800	6.25	AF	24 1/2	1950	30	3	YES	COOLING	16800	500	0.65	88.5	72.5	51.0	55.5	WATER	130	42	56.0	147.0	9	907	78 X 22
15	A	NURSING UNIT AREA "A"	9600	5000	VARIABLE VOLUME RET. AIR - 24 HR.	4800	49	10300	6.00	AF	20	2300	20	3	YES	COOLING	10300	450	0.80	89.0	72.0	54.0	53.5	WATER	90	42	56.0	139.0	4	630	60 X 18
16	B	NURSING UNIT AREA "B"	9600	4900	VARIABLE VOLUME RET. AIR - 24 HR.	4800	49	10100	6.00	AF	20	2300	20	3	YES	COOLING	10100	440	0.75	89.0	72.0	54.0	53.5	WATER	88	42	56.0	140.0	15	618	60 X 18
17	C	LABORATORY AREA "C"	29500	—	CONSTANT VOLUME REHEAT - 12 HR.	29500	100	31000	6.50	AF	30	1650	50	3	NO	COOLING	31000	440	1.05	97.0	78.0	54.0	53.5	WATER	335	42	56.5	140.0	15	2782	108 X 30
18	D	LABORATORY AREA "D"	17100	12400	VARIABLE VOLUME RET. AIR - 12 HR.	4700	27	16000	6.25	AF	27	1650	30	3	YES	COOLING	16000	460	0.60	85.5	70.0	57.0	56.5	WATER	116	42	56.0	140.0	13	1535	78 X 22
19	A	NURSING AREA "A"	12200	7200	VARIABLE VOLUME RET. AIR - 24 HR.	5000	41	12800	6.25	AF	22 1/4	2100	25	3	YES	COOLING	12800	460	0.65	87.5	71.0	54.0	53.5	WATER	102	42	56.0	142.5	15	1714	72 X 20
20	B	NURSING AREA "B"	9600	5100	VARIABLE VOLUME RET. AIR - 24 HR.	4500	47	10100	6.00	AF	20	2300	20	3	YES	COOLING	10100	450	0.75	88.5	71.5	54.0	53.5	WATER	85	42	56.0	141.0	14	197	60 X 18
21	C	PHOTOGRAPHY AREA "C"	17400	11900	VARIABLE VOLUME RET. AIR - 24 HR.	5500	37	18300	6.50	AF	24 1/2	2100	30	3	YES	COOLING	18300	470	0.65	84.0	72.0	57.0	56.5	WATER	134	42	56.0	142.0	15	591	96 X 22
22	D	LABORATORY AREA "D"	35750	4700	CONSTANT VOLUME REHEAT - 12 HR.	31050	87	37500	6.75	AF	36 1/2	1400	60	4	NO	COOLING	37500	510	1.50	94.0	77.0	54.0	53.5	WATER	380	42	56.5	140.0	15	261	120 X 32
23	A	NURSING AREA "A"	12200	7200	VARIABLE VOLUME RET. AIR - 24 HR.	5000	41	12800	6.25	AF	22 1/4	2100	25	3	YES	COOLING	12800	425	0.65	87.5	71.5	54.0	53.5	WATER	102	42	56.0	141.0	15	1714	72 X 20
24	B	NURSING AREA "B"	9600	5300	VARIABLE VOLUME RET. AIR - 24 HR.	4300	45	10100	6.00	AF	20	2300	20	3	YES	COOLING	10100	450	0.70	88.0	71.5	54.0	53.5	WATER	82	42	56.0	140.0	15	573	60 X 18
25	C	RECOVERY/STUDIO AREA "C"	16100	12000	VARIABLE VOLUME RET. AIR - 24 HR.	4100	25	16900	6.50	AF	24 1/2	1950	30	3	YES	COOLING	16900	500	0.60	85.0	70.0	57.0	56.5	WATER	104	42	56.0	141.0	15	2700	78 X 22
26	D	ADJ. AREA "D"	6000	5000	VARIABLE VOLUME RET. AIR - 12 HR.	1000	17	6500	5.75	B1	16 1/2	2600	15	3	YES	COOLING	6500	425	0.50	84.0	68.5	57.0	56.5	WATER	36	42	56.0	141.0	6	232	54 X 14
27	A	PHARMACY AREA "A"	13200	9900	VARIABLE VOLUME RET. AIR - 24 HR.	3300	26	13900	6.00	AF	22 1/4	2000	25	3	YES	COOLING	13900	425	0.55	85.0	68.5	54.0	53.5	WATER	93	42	56.0	142.0	14	651	78 X 22
28	B	SUBJECT AREA "B"	10800	7600	VARIABLE VOLUME RET. AIR - 24 HR.	3000	28	11500	6.00	AF	22 1/4	2000	20	3	YES	COOLING	11500	500	0.65	85.0	69.0	54.0	53.5	WATER	80	42	56.0	142.0	4	153	78 X 22
29	C	CLINICS AREA "C"	16800	14600	VARIABLE VOLUME RET. AIR - 12 HR.	2200	15	17600	6.50	AF	27	1650	30	3	YES	COOLING	17600	450	0.65	83.5	67.0	55.0	53.5	WATER	106	42	56.0	135.5	12	745	96 X 22
30	D	ADMINISTRATION AREA "D"	15500	13000	VARIABLE VOLUME RET. AIR - 12 HR.	2500	16	16300	6.00	AF	24 1/2	1950	30	3	YES	COOLING	16300	490	0.55	83.5	68.5	57.0	56.5	WATER	98	42	56.0	141.5	12	616	78 X 22
31	PHENT-HOUSE	V. CONE LIN E. AIRLIN	27600	19700	VARIABLE VOLUME RET. AIR - 12 HR.	7900	29	29800	5.75	AF	33	1400	40	4	YES	COOLING	29800	480	0.85	94.0	69.0	54.0	53.5	WATER	196	42	56.0	140.0	14	1363	108 X 30
32	C	SURGICAL UNIT FIFTH FLOOR	19800	19800	CONSTANT VOLUME REHEAT - 12 HR.	19800	100	20400	6.75	AF	27	1800	40	3	YES	COOLING	20400	425	0.90	97.0	78.0	51.0	50.5	WATER	289	42	56.0	140.5	14	2022	108 X 22
33	A	ELEV. P1, P2, P3	2200	2200	CONSTANT VOLUME COOLING DML 1	0	0	2200	2.0	FC	12	1200	2	3	NO	COOLING	2200	500	0.75	95.0	69.0	55.0	53.0	WATER	18	42	54.0	54.0	15	111	16 X 16
34	A	ELEV. P4, P5, P6	2200	2200	CONSTANT VOLUME COOLING DML 1	0	0	2200	2.0	FC	12	1000	2	3	NO	COOLING	2200	500	0.75	95.0	69.0	55.0	53.0	WATER	18	42	54.0	54.0	15	111	16 X 16
35	A	ELEV. S7, S8, S9	2700	2700	CONSTANT VOLUME COOLING DML 1	0	0	2700	1.75	FC	15	1000	3	3	NO	COOLING	2700	500	0.60	95.0	69.0	55.0	53.0	WATER	23	42	54.0	54.0	15	137	19 X 19

REVISIONS

745 BUILT

6-17-74

RECORD DRAWING

CORRECTED ON BASIS OF DATA FURNISHED BY THE RESIDENT ENGINEER

Key Plan

Robert F. Miller

RTKL/OS&D/HENRY ADAMS (J.V.) ARCHITECTS AND ENGINEERS 400 E. PRATT STREET BALTIMORE, MD 21202

Drawing Title

SCHEDULES HVAC

Approved Project Director

Robert F. Miller

Project Title

324-BED REPLACEMENT HOSPITAL-PHASE II

Project No.

511-001 D

Date

9/1/88

Building Number

1

Checked

Drawn

Location

VAMC-BALTIMORE, MD

Drawing No.

1-H2

Draw 2 of 123

Veterans Administration

AIR CONDITIONING DESIGN DATA									
DESIGN AREA	SUMMER					WINTER			
	DB	WB	DB X HUMIDITY	DB	WB	DB	X HUMIDITY	DB	WB
PATIENT AREAS *	94	78	78	50	50	10	72	30	30
WAITING ROOM *	94	78	68	55	55	10	75	30	30
ANIMAL AREA *	94	78	65	50	50	10	65	30	30
KITCHEN & CANTINE *	94	78	82	71	71	10	70	20	-
OTHER ROOMS *	94	78	78	50	50	10	72	30	-
ELECTRIC ELEV. MACH. RM. *	94	-	95	-	-	10	65	-	-
HYDRAULIC ELEV. MACH. RM. *	94	-	95	-	-	10	65	-	-
INTERST. RM. & SERVICE BAYS ***	94	-	100	-	-	10	65	-	-
INTERSTITIAL SPACE **	94	78	65	-	-	10	70	-	-
DRY VALUE ROOMS **	-	-	-	-	-	10	50	-	-
OTHER UNOCCUPIED **	-	-	-	-	-	10	65	-	-
RESEARCH LABS *	94	78	78	50	50	10	72	30	30
CLINICAL LABS *	94	96	72	50	50	10	72	30	30
PHARMACY *	94	78	75	50	50	10	70	30	-
SUPPLY SERVICE *	94	78	80	55	55	10	70	-	-

ENERGY EFFICIENT MOTORS					
SCHEDULED HP	NOMINAL MEHA EFF.	SCHEDULED HP	NOMINAL MEHA EFF.	SCHEDULED HP	NOMINAL MEHA EFF.
1.0 E.	82.5	10 E.	89.5	50 E.	91.7
1.5 E.	84.0	15 E.	90.2	60 E.	91.7
2.0 E.	84.0	20 E.	90.2	75 E.	91.7
3.0 E.	86.5	25 E.	91.0	100 E.	92.4
5.0 E.	88.5	30 E.	91.0	125 E.	92.4
7.5 E.	89.5	40 E.	91.7	150 E.	93.0

NOTES :

1 REFER TO "MOTORS" SECTION OF THE SPECIFICATIONS.

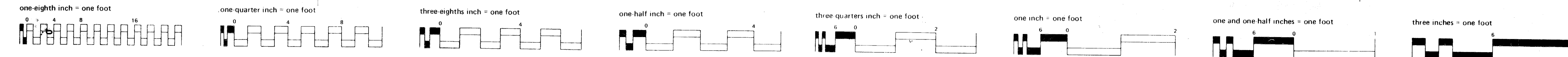
2 ALL MOTORS 1 HP AND LARGER SHALL BE ENERGY EFFICIENT EXCEPT FOR CONDENSATE PUMPS)

3 ALL MOTORS SHALL BE 1750 RPM.

NOTES:  
1. REFER TO "NOTES" SECTION OF THE SPECIFICATIONS.  
2. ALL MOTORS 1 HP AND LARGER SHALL BE ENERGY EFFICIENT (EXCEPT FOR CONDENSERS PUMPS).  
3. ALL MOTORS SHALL BE 1750 RPM.

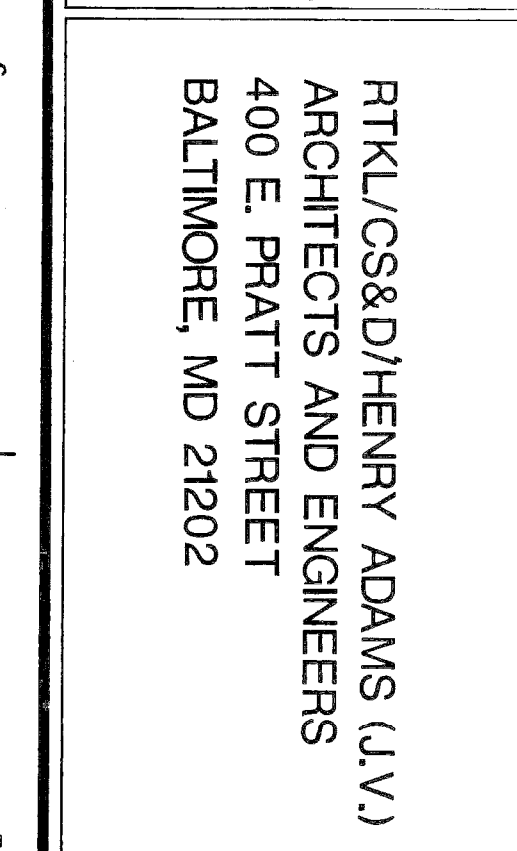
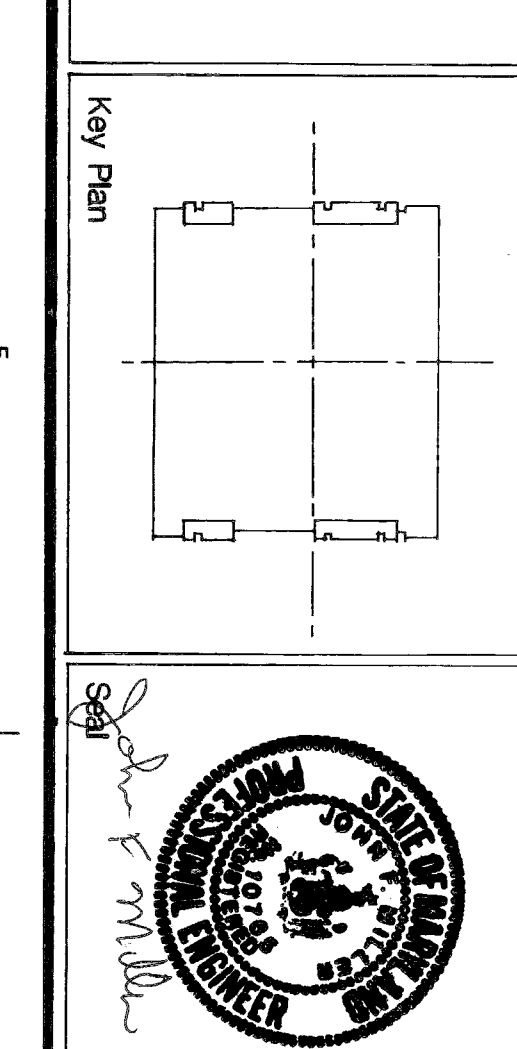
TWO PIPE FAN COIL UNITS									
UNIT SYMBOL	FAN CFM	O.A. CFM	COOLING CAPACITY WITH 42 F ENT. CH TEMP.		CIRCULATING WATER		FAN MOTOR		VOLT. PHASE
			MIN. BTUH	ENT. AIR F BTUH	DB WB	HP	MAX. LOSS FAN COIL SIZE	WATTS	
F01-1	1060	-	37000	48000	95 71	8.0	12	370	115V/1P
F02-1	1060	-	37000	48000	95 71	8.0	12	370	115V/1P
F03-1	800	-	28000	35000	95 71	5.0	12	245	115V/1P
F04-1	1200	-	37000	48000	95 71	8.0	12	425	115V/1P
F05-1	1000	-	32000	35000	95 71	7.0	12	300	115V/1P



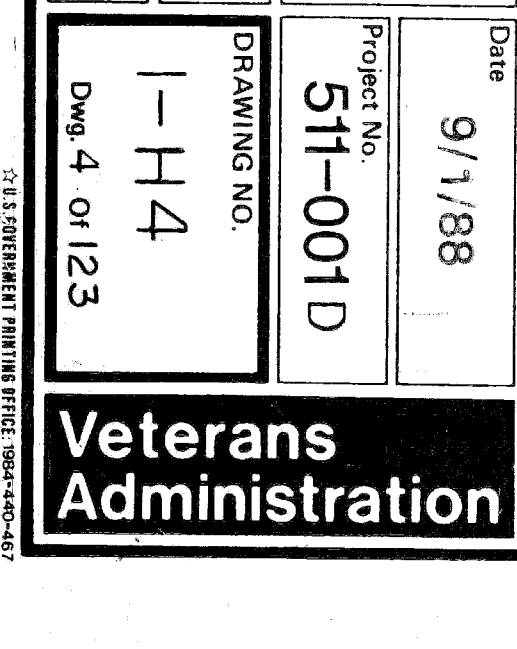


66 BUILDING  
DATE 6-17-74

RECORD DRAWING  
CORRECTED ON BASIS OF DATA  
FURNISHED BY THE RESIDENT ENGINEER



SCHEDULES  
HVAC  
Approved Project Director  
Project Title  
324-BED REPLACEMENT HOSPITAL PHASE II  
Building Number  
VAMC-BALTIMORE, MD  
Drawing No.  
511-001D  
Date  
9/1/88  
Project Title  
324-BED REPLACEMENT HOSPITAL PHASE II  
Building Number  
VAMC-BALTIMORE, MD  
Drawing No.  
511-001D  
Date  
9/1/88



FAN SCHEDULE									
FAN NO.	LOCATION		SERVICE	CFM	S.P.	FAN TYPE	DISCHARGE	WHEEL	
	SERVICE BAY	FLOOR						MIN. DIA.	MAX. RPM
1-0571	A	BASINENT	RET. AIR AC #1	3500	2 1/2"	B	-	18 1/2"	1192
1-0572	A	7 (P.H.)	ISO. EXH.	2720	3 3/4"	C	UPBLAST	16 5/8"	1191
1-0573	B	7 (P.H.)	ISO. EXH.	2720	3 3/4"	C	UPBLAST	16 5/8"	1191
1-0574	A	7 (P.H.)	ISO. EXH.	1640	2 1/4"	A	-	16 5/8"	1191
1-0575	C	7 (P.H.)	ISO. EXH.	2850	3 1/2"	C	UPBLAST	16 5/8"	1191
1-0576	D	1	RET. AIR AC #2	2100	1 1/2"	B	-	15 1/8"	1184
1-0577	B	1	RET. AIR AC #2	10300	1 3/4"	A	-	30/10	1760
1-0578	C	1	RET. AIR AC #2	18800	2"	A	-	30/10	1760
1-0579	D	1	RET. AIR AC #2	7300	1 3/4"	A	-	30/10	1760
1-0580	B	2	RET. AIR AC #11	10300	1 3/4"	A	-	30/10	1760
1-0581	C	2	FUME HOOD EXH.	8700	1 3/4"	C	-	18 25/32	1760
1-0582	D	2	RET. AIR AC #13	12350	2"	A	-	30/10	1760
1-0583	B	3	RET. AIR AC #15	8400	1 3/4"	B	-	22 1/8	1760
1-0584	A	3	RET. AIR AC #16	4900	1 3/4"	B	-	22 1/8	1760
1-0585	B	3	RET. AIR AC #16	4900	1 3/4"	B	-	22 1/8	1760
1-0586	D	3	TRANSFER	820	3/4"	B	-	18 25/32	1760
1-0587	A	4	RET. AIR AC #18	12400	1 3/4"	A	-	30/10	1760
1-0588	B	4	RET. AIR AC #19	7200	1 3/4"	A	-	30/10	1760
1-0589	C	4	RET. AIR AC #20	5100	1 3/4"	B	-	22 25/32	1760
1-0590	D	4	RET. AIR AC #21	12400	2"	A	-	30/10	1760
1-0591	B	4	RET. AIR AC #22	4700	1 3/4"	B	-	22 25/32	1760
1-0592	C	5	RET. AIR AC #23	2700	1 3/4"	A	-	30/10	1760
1-0593	D	5	RET. AIR AC #24	5300	1 3/4"	B	-	22 25/32	1760
1-0594	B	5	RET. AIR AC #25	12000	1 3/4"	A	-	30/10	1760
1-0595	C	5	RET. AIR AC #26	5000	2"	B	-	22 25/32	1760
1-0596	D	5	RET. AIR AC #27	9900	2"	B	-	22 25/32	1760
1-0597	A	6	RET. AIR AC #28	7800	1 3/4"	A	-	30/10	1760
1-0598	B	6	RET. AIR AC #29	14600	3 1/2"	A	-	30/10	1760
1-0599	C	6	RET. AIR AC #30	13000	2 3/4"	A	-	30/10	1760
1-0600	D	6	RET. AIR AC #31	19700	1 1/2"	A	-	30/10	1760
1-0601	B	7	SUCTION EXH. VENT	4100	1 1/2"	B	-	22 25/32	1760
1-0602	C	7 (P.H.)	RADIOLOGOPE EXH.	2855	3 1/4"	C	UPBLAST	16 5/8"	1191
1-0603	D	7 (P.H.)	RADIOLOGOPE EXH.	2315	2 3/4"	A	-	12 25/32	2533
1-0604	B	7 (P.H.)	FUME HOOD EXH.	1400	1 1/2"	C	-	40/20	1765
1-0605	C	7 (P.H.)	BIO. FLOW CAB. EXH.	490	6 1/4"	1	UPBLAST	12 25/32	2777
1-0606	D	7 (P.H.)	BIO. FLOW CAB. EXH.	200	3 1/4"	1	UPBLAST	12 25/32	2777
1-0607	B	7 (P.H.)	ISO. EXH.	15000	1 1/2"	A	-	60/20	875
1-0608	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0609	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0610	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0611	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0612	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0613	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0614	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0615	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0616	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0617	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0618	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0619	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0620	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0621	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0622	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0623	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0624	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0625	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0626	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0627	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0628	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0629	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0630	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0631	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0632	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0633	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0634	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0635	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0636	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0637	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0638	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0639	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0640	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0641	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0642	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0643	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0644	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0645	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0646	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0647	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0648	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0649	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0650	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0651	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0652	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0653	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0654	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0655	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0656	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0657	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0658	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0659	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0660	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0661	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0662	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0663	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0664	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0665	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0666	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0667	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0668	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0669	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0670	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0671	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0672	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0673	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0674	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0675	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0676	B	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0677	C	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875
1-0678	D	7 (P.H.)	ISO. EXH.	50000	1 1/2"	A	-	60/20	875

FAN SCHEDULE															
FAN NO.	LOCATION		SERVICE	CFM	S.P.	FAN TYPE	DISCHARGE	WHEEL			MOTOR		VARIABLE FREQUENCY DRIVE	REMARKS	
	SERVICE BAY	FLOOR						TYPE	MIN. DIA.	MAX. RPM	DRIVE	HP			PHASE
1-FE778	A	BASEMENT	SERV. BAY VENT	3000	5/8"	C	TOP HORIZONTAL	BI	18.25"	1021	BELT	0.75	460V/3Ø	NO	H3 EXHAUST
1-FE779	A	1	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE780	A	2	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE781	A	3	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE782	A	4	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE783	A	5	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE784	B	6	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE785	B	1	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE786	B	2	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE787	B	3	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE788	B	4	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE789	B	5	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE790	B	6	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE791	C	BASEMENT	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1100	BELT	1.0	460V/3Ø	NO	
1-FE792	C	1	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE793	C	2	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE794	C	3	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE795	C	4	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE796	C	5	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE797	C	6	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE798	D	BASEMENT	SERV. BAY VENT	6200	5/8"	C	BOTTOM HORIZONTAL	BI	22.25"	1046	BELT	2.0	460V/3Ø	NO	
1-FE799	D	1	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE7100	D	2	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE7101	D	3	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE7102	D	4	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE7103	D	5	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE7104	D	6	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE7105	A	7 (P.H.)	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE7106	B	7 (P.H.)	SERV. BAY VENT	3000	1/2"	D	-	-	24"	1100	BELT	0.50	460V/3Ø	NO	
1-FE7107	C	7 (P.H.)	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE7108	D	7 (P.H.)	SERV. BAY VENT	6200	1/2"	D	-	-	24"	1400	BELT	1.0	460V/3Ø	NO	
1-FE7109	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7110	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7111	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7112	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7113	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7114	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7115	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7116	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7117	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7118	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7119	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7120	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7121	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7122	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7123	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-FE7124	-	-	SERV. BAY VENT	15500	1/2"	D	-	-	36"	500	BELT	3.0	460V/3Ø	NO	
1-125	NOT USED	-	-	400	1/2"	C	TOP HORIZONTAL	FG	7.65"	1191	BELT	0.25	115V/1Ø	NO	
1-FE7126	-	-	-	1500	1/2"	D	-	-	24"	800	BELT	0.5	460V/3Ø	NO	
1-FE7127	D	1ST PARK	FIRE PUMP ROOM GENERAL EXH.	980	1 1/2"	C	UPRLAST	BI	12.25"	1694	BELT	0.50	460V/3Ø	NO	
1-ACT128	D	7 (P.H.)	SPD EXH.	1325	2 1/4"	C	-	-	30/10	1760	DIRECT	10.0	-	NO	
1-FE7129	CENTRAL P.H.	6	DIEI. 018WASH EXH.	5200	1 1/2"	A	UPRLAST	AIRFOIL	24.5"	982	BELT	3.0	460V/3Ø	NO	
1-FE7130	CENTRAL P.H.	6	DIEI. 1100D EXH.	15140	2 3/4"	C	UPRLAST	AIRFOIL	36.5"	653	BELT	15.0	460V/3Ø	NO	
1-FE7131	CENTRAL P.H.	6	GEN. EXH. (CORE)	7360	2"	C	UPRLAST	AIRFOIL	27"	1054	BELT	5.0	460V/3Ø	NO	
1-FE7132	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	
1-FE7133	B	7 (P.H.)	RADIO/STOPE	1375	4 1/2"	1	UPRLAST	1ND AH	19.13"	1531	BELT	2.0	460V/3Ø	NO	H3 EXHAUST
1-FE7134	B	7 (P.H.)	RADIO/STOPE	1375	4 1/2"	1	UPRLAST	1ND AH	19.13"	1531	BELT	2.0	460V/3Ø	NO	H3 EXHAUST
1-FE7135	AREA D	7	TOILET EXH.	275	3/4"	A	TOP HORIZONTAL	1ND AH	12.25"	1004	BELT	0.25	115V/1Ø	NO	
1-FE7136	AREA D	7	INCLINATOR	2800	3/4"	C	TOP HORIZONTAL	BI	20"	612	BELT	1.0	460V/3Ø	NO	
1-FE7137	AREA A	7	ELEV. MACH. RM.	5000	1/2"	D	-	-	24"	1650	BELT	1.0	460V/3Ø	NO	
1-FE7138	AREA A	7	ELEV. MACH. RM.	2000	1/2"	D	-	-	24"	900	BELT	0.75	460V/3Ø	NO	
1-AV7139	1ST PARK.	1ST PARK.	LOADING DR. EXH.	7500	1 1/2"	A	-	-	24/8	1750	DIRECT	2.0	460V/3Ø	NO	
1-AV7140	1ST PARK.	1ST PARK.	TRASH RM. EXH.	4350	1 1/4"	A	-	-	24/8	1750	DIRECT	2.0	460V/3Ø	NO	
1-141	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	
1-AV7142	D	-	RET. AIR AC3	10000	1 1/4"	A	-	-	36/16	1750	DIRECT	7.5	460V/3Ø	NO	
1-FE7143	B	7 (P.H.)	CAGE WASH EXH.	600	1 1/2"	1	UPRLAST	1ND AH	15.65"	1102	BELT	0.50	460V/3Ø	NO	
1-FE7144	D	7 (P.H.)	AUTOWASH EXH.	3160	2"	C	UPRLAST	1ND AH	15"	202	BELT	2.5	460V/3Ø	NO	
1-AV7145	C	7 (P.H.)	GENERAL EXH.	7660	1 1/2"	A	-	-	24/8	1750	DIRECT	5.0	460V/3Ø	NO	
1-AV7146	C	7 (P.H.)	OPER. RM. EXH.	16100	2"	A	-	-	30/10	1760	DIRECT	15.0	460V/3Ø	YES	12300 CFM MIN
1-AV7147	C	7 (P.H.)	LAB EXH.	24535	3 1/4"	A	-	-	40/10	1765	DIRECT	-	-	NO	
1-146	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	
1-FE7150	D	7 (P.H.)	E.T.O. EXH.	2160	1 1/2"	C	UPRLAST	BI	15"	1604	BELT	1.5	460V/3Ø	NO	
1-FE7151	D	7 (P.H.)	ELEV. MACH. EXH.	3125	1 3/4"	C	UPRLAST	BI	16.25"	1338	BELT	1.5	460V/3Ø	NO	H7 EXHAUST
1-FE7152	D	7 (P.H.)	ELEV. MACH. EXH.	640	6 1/4"	1	UPRLAST	1ND AH	12.25"	2923	BELT	2.0	460V/3Ø	NO	H12 EXHAUST
1-FE7153	D	7	INCINERATOR SUPPLY	2600	3/4"	C	BOTTOM HORIZONTAL	BI	20"	617	BELT	1.0	460V/3Ø	NO	
1-FE7154	D	6	ENG. GEN. EXH.	30000	3/8"	D	-	-	54"	630	BELT	5.0	460V/3Ø	NO	17500 CFM MIN
1-FE7155	D	6	ENG. GEN. EXH.	30000	3/8"	D	-	-	54"	630	BELT	5.0	460V/3Ø	NO	17500 CFM MIN
1-FE7156	D	6	ENG. GEN. EXH.	30000	3/8"	D	-	-	54"	630	BELT	5.0	460V/3Ø	NO	17500 CFM MIN
1-FE7157	D	6	ENG. GEN. EXH.	30000	3/8"	D	-	-	54"	630	BELT	5.0	460V/3Ø	NO	17500 CFM MIN
1-FE7158	D	6	ENG. GEN. EXH.	30000	3/8"	D	-	-	54"	630	BELT	5.0	460V/3Ø	NO	17500 CFM MIN
1-FE7159	D	6	ENG. GEN. EXH.	30000	3/8"	D	-	-	54"	630	BELT	5.0	460V/3Ø	NO	17500 CFM MIN
1-FE7159	D	6	ENG. GEN. VENT	6000	3/4"	D	-	-	24"	1375	BELT	2.0	460V/3Ø	NO	12300 CFM MIN

8-0-1-1297