

three inches = one foot
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ROOF MOUNTED AIR HANDLING UNIT SCHEDULE																						
MARK	LOCATION	AREA AND/OR BLDG SERVED	TYPE	AIR FLOW	AIR FLOW						SUPPLY FAN MARK	RETURN OR RELIEF FAN MARK	EXHAUST FAN MARK	PREFILTER MARK	AFTER FILTER MARK	FINAL FILTER MARK	HEAT RECOVERY MARK	HEATING COIL MARK	COOLING COIL MARK	REHEAT COIL	HUMIDIFIER MARK	REMARKS
					SUPPLY		MIN OA		RETURN													
					CFM	[L/s]	CFM	[L/s]	CFM	[L/s]												
AHU-1	ROOF	URGENT CARE EXAM	MULTI-ZONE	VAV	5150	[2400]	1100	[520]	4650	[2200]	SF1	N/A	N/A	X-PF1	AF1	N/A	N/A	HWHC1	CC1	N/A	N/A	----
AHU-2	ROOF	URGENT CARE WAITING	MULTI-ZONE	VAV	5210	[2500]	1500	[710]	3720	[1800]	SF2	N/A	N/A	X-PF1	AF2	N/A	N/A	HWHC2	CC2	N/A	N/A	----

AIR FILTER SCHEDULE																
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	MERV RATING	AIR FLOW		APD				HOUSING TYPE	CARTRIDGES				REMARKS
							INITIAL		CHANGEOVER			#	SIZE		ARRANGEMENT	
					CFM	[L/s]	IN	[mm]	IN	[mm]			IN	[mm]		
PF1	AHU-1	URGENT CARE EXAM	AHU1	7	5150	[2400]	0.17	[4]	0.5	[13]	SIDE SERVICE	4	20x24	508x610	2 HIGH x 2 WIDE	-----
PF2	AHU-2	URGENT CARE WAITING	AHU2	7	5210	[2500]	0.17	[4]	0.5	[13]	SIDE SERVICE	4	20x24	508x610	2 HIGH x 2 WIDE	-----

FAN SCHEDULE																									
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	AIR FLOW		TSP		FAN								MOTOR ELECTRICAL							CONTROL SEQUENCE	REMARKS	
								TYPE	WHEEL	CLASS	ARRANGEMENT, ROTATION, AND DISCHARGE	DIAMETER		MIN % EFF	DRIVE	FAN MAX RPM	NOMINAL POWER			PHASE	VOLT	RPM			SPEED CONTROL
				CFM	[L/s]	IN	[Pa]					IN	[mm]				BHP	HP	[kW]						
SF1	ROOF	URGENT CARE EXAM	AHU1	5150	[2400]	3.8	[960]	AIR FOIL	N/A	II	DOWN	0	[]	69%	BELT	3800	5.66	7.5	[6]	3	460	1750	NONE	-	---
SF2	ROOF	URGENT CARE EXAM	AHU2	5210	[2500]	3.9	[970]	AIR FOIL	N/A	II	DOWN	0	[]	69%	BELT	3800	5.8	7.5	[6]	3	460	1750	NONE	-	---
EF1	ROOF	TRIAGE	EXHAUST	470	[220]	0.3	[63]	BACKWARD INCLINE	-	-	DOWNBLAST	-	-	74%	DIRECT	1300	0.04	0.16	[]	1	120	1725	NONE	-	1
NOTE																									
ALL SELECTIONS ARE BASED ON AN ALTITUDE OF 0.																									
REMARKS																									
1. DOWNBLAST EXHAUST FAN TO BE EQUAL TO GREENHECK G-090-VG. PROVIDE ECM MOTOR WITH MOUNTED POTENTIOMETER DIAL, NEMA-1 DISCONNECT SWITCH, AND BIRDSCREEN. FAN TO RUN CONTINUOUS.																									

HOT WATER HEATING COIL SCHEDULE																										
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	APPLICATION	AIR FLOW		MAX FACE VELOCITY		APD		TEMPERATURES				TOTAL MIN CAPACITY		HOT WATER						% GLYCOL	REMARKS		
											EAT		LAT				FLOW		EWT		LWT				WPD	
					CFM	[L/s]	FPM	[M/s]	IN WG	[Pa]	°F	[°C]	°F	[°C]	MBH	[kW]	GPM	[L/s]	°F	[°C]	°F	[°C]	FT	[kPa]		
HWHC1	ROOF	URGENT CARE EXAM	AHU1	HOT DECK HEATING	5150	[2400]	1000	[5]	0.69	[170]	64.6	[18]	112	[44]	294.7	[1000]	30.3	[2]	180	[82]	160	[71]	2.84	[9]	0	---
HWHC2	ROOF	URGENT CARE EXAM	AHU2	HOT DECK HEATING	5210	[2500]	1000	[5]	0.71	[180]	55.9	[13]	107	[42]	327.3	[1100]	33.6	[2]	180	[82]	160	[71]	3.49	[10]	0	---

CHILLED WATER COOLING COIL SCHEDULE																														
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	AIR FLOW		MAX.FACE VELOCITY		APD		EAT				LAT				TOTAL CAPACITY		SENSIBLE CAPACITY		CHILLED WATER								REMARKS
										Db		Wb		Db		Wb						FLOW		EWT		LWT		WPD		
				CFM	[L/s]	FPM	[M/s]	IN WG	[Pa]	°F	[°C]	°F	[°C]	°F	[°C]	°F	[°C]	MBH	[kW]	MBH	[kW]	GPM	[L/s]	°F	[°C]	°F	[°C]	FT	[M]	
CC1	ROOF	URGENT CARE EXAM	AHU1	5150	[2400]	500	[3]	0.78	[200]	79.5	[26]	68	[20]	51.6	[11]	51.3	[11]	222.1	[65]	154.1	[45]	44.3	[3]	45	[7]	55	[13]	5.5	[2]	-----
CC2	ROOF	URGENT CARE WAITING	AHU2	5210	[2500]	500	[3]	0.81	[200]	82.4	[28]	69	[21]	52.5	[11]	52.3	[11]	284.7	[83]	181.4	[53]	56.78	[4]	45	[7]	55	[13]	5.82	[2]	-----
NOTE THE COOLING COIL FIN SPACING SHALL NOT EXCEED 132 FINS PER FOOT [400 FINS PER METER].																														



Revisions

No.	Date	Remarks

Hernandez Consulting

ALBERT ARCHITECTURE

JBHM

ARCHITECTS, P.A.

Allen&Hoshall

engineering since 1915

Approved:

Title	Signature

Drawing Title

MECHANICAL — SCHEDULES

Approved: Service Engineer

Approved: Service Director

Project Title

Southeast VA Health Care System (SLVHCS) A&E Design Urgent Care

Building Number

Drawn VLP

Location

1601 Perdido Street, New Orleans, LA

Date

January 18, 2013

Project No.

VA256-C-0231

DRAWING NO.

M401

Sheets 1 OF 1

OFFICE OF FACILITIES

Department of Veterans Affairs

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