

A

B

C

D

E

F

A

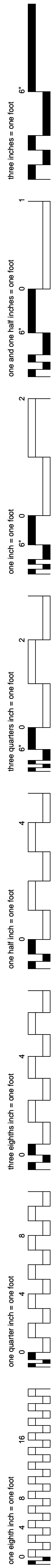
B

C

D

E

F



AIR TERMINAL UNIT SCHEDULE

BOX NO.	SERVING	CFM		INLET SIZE (DIA.)	HEATING COIL				EWT (DEG. F)	LWT (DEG. F)	HW FLOW RATE (GPM)	CONTROL VALVE (CV)	REMARKS
		MAX	MIN		HEATING CFM	TOTAL HEATING LOAD (MBH)	EAT (DEG. F)	LAT (DEG. F)					
ATU-1	PATIENT, NEG.	430	430	8"Ø	430	14.3	55.0	85.0	180.0	160.0	1.4	0.9	1,2,3,4
ATU-2	PATIENT, NEG.	430	430	8"Ø	430	14.3	55.0	85.0	180.0	160.0	1.4	0.9	1,2,3,4
ATU-3	PATIENT, NEG.	430	430	8"Ø	430	14.3	55.0	85.0	180.0	160.0	1.4	0.9	1,2,3,4
ATU-4	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-5	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-6	PATIENT	400	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-7	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-8	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-9	PATIENT	400	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-10	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-11	MEDIA AREA	240	80	6"Ø	80	2.6	55.0	85.0	180.0	160.0	0.3	0.2	1,2,3,4
ATU-12	PATIENT	400	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-13	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-14	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-15	PATIENT	400	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-16	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-17	PATIENT	400	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-18	PATIENT	400	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-19	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-20	PATIENT	280	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-21	PATIENT	400	240	6"Ø	240	7.8	55.0	85.0	180.0	160.0	0.8	0.5	1,2,3,4
ATU-22	LOCKER ROOM, STAFF	180	65	6"Ø	65	2.1	55.0	85.0	180.0	160.0	0.2	0.1	1,2,3,4
ATU-23	CONFERENCE/REPORT	330	200	8"Ø	200	6.5	55.0	85.0	180.0	160.0	0.7	0.4	1,2,3,4
ATU-24	OFFICE, HEAD NURSE	140	50	6"Ø	50	1.1	55.0	85.0	180.0	160.0	0.1	0.1	1,2,3,4
ATU-25	NURSE SUB-STATION	345	200	6"Ø	110	2.4	55.0	85.0	180.0	160.0	0.2	0.1	1,2,3,4
ATU-26	CLEAN/SOILED LINEN	235	100	6"Ø	100	2.2	55.0	85.0	180.0	160.0	0.2	0.1	1,2,3,4
ATU-27	MED.RM/NOURISHMENT	280	150	6"Ø	210	4.6	55.0	85.0	180.0	160.0	0.5	0.3	1,2,3,4
ATU-28	TEAM ROOM	335	180	6"Ø	180	3.9	55.0	85.0	180.0	160.0	0.4	0.2	1,2,3,4
ATU-29	CONSULT/OFFICES	260	130	6"Ø	130	2.8	55.0	85.0	180.0	160.0	0.3	0.2	1,2,3,4
ATU-30	NURSE STATION	280	155	6"Ø	155	3.4	55.0	85.0	180.0	160.0	0.3	0.2	1,2,3,4
ATU-31	CORRIDOR	255	175	6"Ø	175	3.8	55.0	85.0	180.0	160.0	0.4	0.2	1,2,3,4

NOTES:
1. BASIS OF DESIGN IS TITUS DESV AND IS NOT INTENDED TO LIMIT SELECTION. PROVIDE EQUIPMENT OF EQUAL PERFORMANCE, CAPACITY, AND QUALITY.
2. REFER TO TYPICAL ATU DETAIL AND TYPICAL THREE-WAY CONTROL VALVE DETAIL ON SHEET MH501 FOR INSTALLATION.
3. UNIT SHALL BE PROVIDED WITH FLOW MEASUREMENT TAPS ON AIR VELOCITY SENSOR.

ENTHALPY WHEEL SCHEDULE

UNIT NUMBER	OA CFM	EA CFM	SUMMER							WINTER							NOTES
			RA		OA		SUPPLY			RA		OA		SUPPLY			
			EDB (°F)	EWB (°F)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	TOT. EFF. (%)	EDB (°F)	EWB (°F)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	TOT. EFF. (%)	
AHU-13	3,500	1,870	75	60	96	76	81.3	64.9	70	70	55.8	21	21	55.3	46.0	70	1-4

NOTES:
1. BASIS OF DESIGN IS SEMCO BUT IS NOT INTENDED TO LIMIT SELECTION. PROVIDE INDICATED EQUIPMENT OR EQUIPMENT OF EQUAL CAPACITY AND QUALITY.
2. PROVIDE MERV 7 FILTERS ON EXHAUST AND OUTSIDE AIR INTAKE UPSTREAM OF ENTHALPY WHEEL.
3. PROVIDE VARIABLE SPEED ENTHALPY WHEEL MOTOR DRIVE WITH TEMPERATURE CONTROLLER AND FROST CONTROL SEQUENCE.
4. SCHEDULED AIR FLOW RATES DO NOT ACCOUNT FOR TRANSFER AIR THROUGH PURGE SEALS BETWEEN ENTHALPY WHEEL EXHAUST AIR AND OUTSIDE AIR DECKS.

CONSTRUCTION DOCUMENT SUBMISSION
FULLY SPRINKLERED

<div>1</div> <div>ADDENDUM #1</div> <div>6/4/2014</div> <div>Revisions:</div> <div>Date</div>	<div>CONSULTANTS:</div>	<div></div>	<div>ARCHITECT/ENGINEERS:</div> <div></div> <div>BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251990.5778 Fax: 251990.3716</div>	<div>Drawing Title</div> <div>MECHANICAL SCHEDULES</div> <div>Approved: Project Director</div>	<div>Project Title</div> <div>RENOVATE MEDICAL SURGICAL UNIT</div> <div>Location</div> <div>W.J. BRYAN DORN VAMC; COLUMBIA, SC</div> <div>Date</div> <div>05-16-2014</div> <div>Checked</div> <div>CD</div> <div>Drawn</div> <div>CD</div>	<div>Project Number</div> <div>544-13-102</div> <div>Building Number</div> <div>100</div> <div>Drawing Number</div> <div>MH602</div> <div>Dwg. 51 of 78</div>	<div>OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT</div> <div></div>
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