

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

three eighths inch = one foot

one eighth inch = one foot

LOUVER SCHEDULE								
MARK	MFGR.	MODEL	SERVICE	SIZE (W"xH")	MIN. FREE AREA (SQ. FT.)	AIR FLOW (CFM)	MAX. SP (IN. H ₂ O)	NOTES
AL-1	SEE ARCH.	SEE ARCH.	AHU 3A-1	60X62	13.0	4645	0.25	1 THRU 6
BL-2	SEE ARCH.	SEE ARCH.	AHU 3B-2	60X62	13.0	3205	0.25	1 THRU 6
NOTES : 1. INSECT SCREEN 2. WALL SLEEVE 3. 6" DEEP, DRAINABLE BLADES 4. ALUMINUM CONSTRUCTION 5. COLOR SELECTED BY ARCHITECT 6. BLANK OFF UNUSED PORTION								

EXHAUST FAN SCHEDULE										
MARK	MFGR.	MODEL	SERVICE	AIR FLOW (CFM)	STATIC PRESSURE (IN. H ₂ O)	MOTOR DATA			SONES	NOTES
						W	HP	V/Ø		
EF 3A-1	GREENHECK	SWB-216	SECTION 3A	4645	2.0	—	2.73	480/3	21	1 THRU 7
EF 3B-2	GREENHECK	SWB-212	SECTION 3B	3205	2.0	—	2.23	480/3	29	1 THRU 7
NOTES: 1. ROOF MOUNTED EQUIPMENT RAILS. 2. FACTORY DISCONNECT. 3. CONTINUOUS OPERATION. 4. INTEGRAL MOTOR STARTER WITH 24V COIL. 5. LISTED MANUFACTURER IS "BASIS OF DESIGN". 6. ODP BELT DRIVE MOTOR. 7. MOTOR VFD COMPATIBLE.										

AIR DISTRIBUTION DEVICE SCHEDULE												
MARK	TYPE	MANUF.	MODEL	MAX. CFM	FACE SIZE	NECK SIZE	AIR PATTERN	N.C.	MAT'L	FINISH	MOUNTING	COMMENTS
A	SUPPLY	TITUS	TMSA	100	12X12	6"ø	4-WAY	<29	1	1	2	
B	SUPPLY	TITUS	TMSA	210	12X12	8"ø	4-WAY	<29	1	1	2	
C	SUPPLY		TMSA	100	24X24	6"ø	4-WAY	<29	1	1	1	
D	SUPPLY		TMSA	210	24X24	8"ø	4-WAY	<29	1	1	1	
E	SUPPLY		TMSA	320	24X24	10"ø	4-WAY	<29	1	1	1	
F	SUPPLY		TMSA	500	24X24	12"ø	4-WAY	<29	1	1	1	
G	RETURN/EXH.		4FL	1000	24X24	SEE PLAN	—	<29	1	1	1	
H	RETURN/EXH.		4FL	400	12X12	SEE PLAN	—	<29	1	1	1	1
J	SUPPLY		272-FS	<600	18X6	SEE PLAN	—	<29	1	1	2	
K	SUPPLY		272-FS	<400	12X6	SEE PLAN	—	<29	1	1	2	
L	RETURN/EXH.		25RL	350	18X6	SEE PLAN	—	<29	1	1	2	
W	RETURN/EXH.		25RL	250	12X6	SEE PLAN	—	<29	1	1	2	
N	RETURN/EXH.		25RL	910	24X12	SEE PLAN	—	<29	1	1	2	
XR	RETURN	EXISTING	—	—	—	SEE PLAN	—	—	—	—	—	
XS	SUPPLY	EXISTING	—	—	—	SEE PLAN	—	—	—	—	—	
MATERIAL: 1. STEEL FINISH: 1. WHITE ENAMEL MOUNTING: 1. 24" X 24" LAY-IN 2. FLANGE COMMENTS: 1. 24X24 LAY-IN BLANK-OFF PANEL												

HEATING HOT WATER PUMP SCHEDULE												
MARK	MANUFACTURER	MODEL	TYPE	SYSTEM SERVED	FLOW (GPM)	HEAD (FEET)	IMPELLER SIZE (IN.)	PIPE SIZE (IN/OUT)	ELECTRICAL			NOTES
									HP	V/PH	RPM	
HHWP-3-1	BELL & GOSSETT	E-1510	END-SUCTION	HEATING WATER	60	50	6.875	2/1-1/2	2.0	480/3	1750	1, 2, 3
HHWP-3-2	BELL & GOSSETT	E-1510	END-SUCTION	HEATING WATER	60	50	6.875	2/1-1/2	2.0	480/3	1750	1, 2, 3
NOTES : 1. MOTORS RATED FOR VFD USE. 2. FURNISH AND INSTALL VFD. 3. PUMPS TO RUN IN LEAD-LAG CONFIGURATION.												

SHELL & TUBE HEAT EXCHANGER SCHEDULE											
MARK	TYPE	WATER TUBE SIDE					STEAM SHELL SIDE			MODEL AND REMARKS	
		GPM	EWT	LWT	PRESS DROP	CONN SIZE	INLET PRESS.	#\$/HR	CONN. SIZE STEAM		CONN SIZE COND.
HX-1	STEAM TO LIQUID	60	160	180	0.29	2"	15 PSIG	620.1	2"	1"	ITT BELL & GOSSETT QSU 6 3-2

HOT WATER SYSTEM ACCESSORIES SCHEDULE			
EQUIPMENT	DESCRIPTION	SERVING	MODEL AND REMARKS
ET-3-1	BLADDER EXPANSION TANK	HEATING WATER	ITT BELL & GOSSETT B--- 20 GALLON VERTICAL FLOOR MOUNTED
AS-3-1	CENTRIFUGAL TYPE SEPARATOR W/ 2" CONNECTIONS	HEATING WATER	ITT BELL & GOSSETT RL-2" - 60 GPM
COMMENTS: 1. ISOLATE ALL PIPING CONNECTIONS WITH UNIONS AND SHUT OFF VALVES 2. ROUTE 1 1/4" VENT TO OUTSIDE WITH TURN DOWN ELBOW 3. PROVIDE DISCHARGE STRAINER WITH PRESSURE GAUGES 4. PROVIDE DISCHARGE CHECK AAND SHUT VALVES AND PRESSURE GAUGES 5. PROVIDE GAUGE GLASS WITH SHUT OFF VALVE AND PROTECTIVE ROD GUARDS 6. FLOAT SWITCHES WITH STAINLESS STEEL FLOAT AND ROD 7. PROVIDE WELL TANK THERMOMETER 8. UNIT SHALL BE MOUNTED ON 4" CONC. HOUSEKEEPING PAD 9. UNIT SHALL BE PROVIDED WITH MAGNETIC STARTER			

REV 1 - ADDENDUM 17/29/2016

REV 2 - ADDENDUM 28/26/2016

Revisions:Date

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Drawing Title
MECHANICAL EQUIPMENT SCHEDULES

Approved: Project Director

Project Title
RENOVATE 3AB FOR
GASTROENTEROLOGY AND
PULMONARY

Location
GAINESVILLE, FLORIDA

Date
JULY 15, 2016

Checked
STS

Drawn
TJM

Project Number
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Building Number
1

Drawing Number
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Office of
Construction
and Facilities
Management
 Department of
Veterans Affairs

FINAL DESIGN

APPROVED FOR CONSTRUCTION