

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

STEAM PUMPER TRAP SCHEDULE (BASES OF DESIGN) REMOVE FOR DEDUCT ALTERNATE # 6											
QTY.	LOCATION	MANUFACTURER	MODEL NO.	BODY MATERIAL	CONNECTION SIZE	DIMENSIONS	MAX ALLOWED PRESSURE	BACK PRESSURE	MOTIVE PRESSURE	REQUIRED CAPACITY	COMMENTS
1	LEVEL 1	ARMSTRONG	PT-104	CAST IRON	1"	18-1/2"LX 13-1/2"WX 12-1/2"H	100	40	90	-	1.
1. CAST IRON / SS LOW PROFILE											

HEPA FILTER SCHEDULE (BASES OF DESIGN)									
IDENT	LOCATION	MANUFACTURER	MODEL NO.	(#) PRE FILTERS	(#) FINAL FILTERS	FACE VELOCITY	MERV (PRE)/ MERV (FINAL)	MAX PRESSURE	COMMENT NOTES
HF-1	LEVEL 2	AFF TSU-F/TDS-F	TSU-F TSD-F	(4)24"x24"x2"	(4)24"x24"x12"	375	8/17	1" WC	1. 2. 3. REMOVE FOR DEDUCT ALTERNATE # 6
HF-2	LEVEL 2	AFF TSU-F/TDS-F	TSU-F TSD-F	(1)24"x24"x2"	(1)24"x24"x12"	350	8/17	1" WC	1. 2. 3. REMOVE FOR DEDUCT ALTERNATE # 4
NOTES: 1. 12 GA. 304 CONSTRUCTION 2. FLUID SEAL FINAL FILTERS 3. NEOPRENE DOOR GASKET 4. DP PRESSURE GAGES FOR PRE AND FINAL FILTERS									

DIFFERENTIAL PRESSURE MONITOR (BASES OF DESIGN)									
IDENT	LOCATION	MANUFACTURERS	MODEL NO.	NEGATIVE PRESSURE INDICATOR	DESIGN MONITOR	TYPE	SIGNAL	ALARM	COMMENT NOTES
DPM	LEVEL 2 LABS-VEST	TS INCORPORATED / SIEMENS	PRESSURA	" WG	PASS THRU	WALL	LOCAL	NONE	1. 2. 3. 4.
NOTES: 1. 4" X 3" FLUSH MOUNT COLOR SCREEN 2. SEE ARCHITECTURAL PLAN FOR ABOVE DOOR LOCATIONS 3. ROOM SENSORS EACH SIDE OF WALL 4. ROOM SENSOR COVERS									

ROOM AIRFLOW SUMMARY						
S-AHU-3 ADMIN.						
ROOM NUMBER	SA ZONE NO.	ROOM NAME	Area (sq. ft)	Design Supply CFM	Design Return CFM	Design Exhaust CFM
2A105	ATU 3.01	Conference Room - 2A105B	748	1,100	1,100	-
2A105B	ATU 3.02	Conference Room - 2A105B	306	300	300	-
2A106	ATU 3.03	Open Office - 2A106	417	600	600	-
2A107	ATU 3.04	Break Room - 2A107	379	600	600	-
2A108	ATU 3.05	Office - 2A108	209	350	350	-
2A109	ATU 3.05	Office - 2A109	242	400	400	-
2A110	ATU 3.06	Storage - 2A110	65	100	100	-
2AC01, 2, 3	ATU 3.06	Corridor - 2AC01, 2, 3	650	400	400	-
2A117	ATU 3.07	IT - 2A117	117	300	300	-
2A101	ATU 3.08	Lobby - 2A101	1,536	1,000	350	-
2A104	ATU 3.09	Vending - 2A104	291	550	550	-
2A102	ATU 3.1	Mens Toilet - 2A102	193	200	-	300
2A103	ATU 3.1	Womens Toilet - 2A13	242	300	-	400
2BC01W	ATU 3.11	Corridor - 2BC01EAST	762	1,100	800	-
2BC01E	ATU 3.12	Corridor - 2BC01WEST	713	1,100	950	-
2BC01A	ATU 3.13	Corridor - 2BC01A	153	350	-	-
2B140	ATU 3.14	Mechanical Room (BL3) - 2B140	553	500	500	-
2B133	ATU 3.15	Office - 2B133	156	350	350	-
2B134	ATU 3.15	Office - 2B134	156	350	350	-
2B137B	ATU 3.16	IT - 2B137B	98	300	300	-
2B131	ATU 3.13	Storage - 2B131	154	100	100	-
2B130	ATU 3.13	Male Toilet - 2B130	69	-	-	100
2B129	ATU 3.13	Female Toilet - 2B129	69	-	-	100
2B128	ATU 3.13	HAC - 2B128	92	-	-	150
2B136	ATU 3.13	Trash - 2B136	115	-	-	150
2BC02	ATU 3.17	Corridor - 2BC02	870	550	-	400
2B138	ATU 3.18	Mechanical Room (AD, BL2) - 2B138	1,152	1,030	1,100	-
2B139	ATU 3.19	Shell Space/Filter - 2B139	1,459	1,500	1,500	-
2B138A	ATU 3.2	Fan Room - 2B138A	617	560	-	-
TOTALS			12,581	13,990	11,000	1,600

S-AHU-4 BSL2						
ROOM NUMBER	SA ZONE NO.	ROOM NAME	Area (sq. ft)	Design Supply CFM	Design Return CFM	Design Exhaust CFM
2A124-A	SAV 4.09	Open BSL2 Lab 1	821	2,400	-	-
2A124-B	SAV 4.10	Open BSL2 Lab 2	797	2,400	-	-
2A124-C	SAV 4.11	Open BSL2 Lab 3	845	2,500	-	-
2A124-D	SAV 4.12	Open BSL2 Lab 4	1,004	3,100	-	-
2A124-E	SAV 4.01	Fume Hoods Lab	105	500	-	1,800
2A124-F	SAV 4.02	Fume Hoods Lab	102	500	-	1,800
2A119	SAV 4.03	Radio Isotope Hood	127	800	-	900
2A119B	SAV 4.03	Radio Isotope Storage	65	200	-	200
2A120	SAV 4.04	Refrigerators/Freezers	121	600	-	600
2A121	SAV 4.05	Glasswash Room	110	500	-	500
2A122	SAV 4.06	Fume Hoods Lab	120	500	-	1,800
2A123	SAV 4.07	Equipment Storage	224	600	-	600
2A117	SAV 4.08	Lab Areas Circulation 2	347	900	-	4,400
2A116	SAV 4.13	Lab Areas Circulation 1	377	1,000	-	4,400
TOTALS			5,165	16,500	-	17,000

S-AHU-5 BSL3						
ROOM NUMBER	SA ZONE NO.	ROOM NAME	Area (sq. ft)	Design Supply CFM	Design Return CFM	Design Exhaust CFM
2B118	SAV 5.03	BSL-3 Vestibule	112	350	-	250
2B118-B	SAV 5.03	BSL-3 Dressout Vestibule	53	100	-	-
2B121	SAV 5.03	BSL-3 Female Locker Room	109	150	-	250
2B120	SAV 5.03	BSL-3 Male Locker Room	117	150	-	250
2B122-A	SAV 5.02	BSL-3 Open Circulation	560	1,800	-	4,550
2B122-B	SAV 5.02	BSL-3 Open Lab 1	116	400	-	-
2B122-C	SAV 5.02	BSL-3 Open Lab 2	116	400	-	-
2B122-D	SAV 5.02	BSL-3 Open Lab 3	116	400	-	-
2B122-E	SAV 5.02	BSL-3 Open Lab 4	116	400	-	-
2B122-F	SAV 5.01	BSL-3 Open Lab 5	178	1,000	-	-
2B123	SAV 5.01	BSL-3 Storage	84	300	-	300
TOTALS			1,677	5,450	-	5,600

ADDENDUM #1

April 7, 2017

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Drawing Title

MECHANICAL SCHEDULES

Project Title

VAMC AT LAKE NONA  
BUILD NEW RESEARCH SPACE

Location

Orlando, Florida

Date

JUNE 17, 2016

Checked

STS

Drawn

TJM

Project Number

675-900

Building Number

13

Drawing Number

S-MH603

106 OF 176

Office of  
Construction  
and Facilities  
Management

Department of  
Veterans Affairs

VA FORM 08-6231

FINAL DESIGN  
APPROVED FOR CONSTRUCTION