VAV BOX SCHEDULE

TAG	SERVES	MAX CFM	MIN CFM	INLET DIA. (INCHES)	HEATING COIL (MBH)	COIL (GPM)	MODEL SIZE	REMARKS
VAV-103	OFFICE 103	275	140	-	-	-	-	-
VAV-104	OFFICE 104	275	140	-	-	-	-	-
VAV-105	OFFICE 105	275	140	-	-	-	-	-
VAV-106	OFFICE 106	275	140	-	-	-	-	-
VAV-107	OFFICE 107	275	140	-	-	-	-	-
VAV-108	GROUP THERAPY 108	375	190	-	-	-	-	-
VAV-109	GROUP THERAPY 109	650	325	-	-	-	-	-
VAV-110	OBSERVE 110	420	210	-	-	-	-	-
VAV-112	OFFICE 112	275	140	-	-	-	-	-
VAV-114	OFFICE 114	275	140	-	-	-	-	-
VAV-116	OFFICE 116	275	140	-	-	-	-	-
VAV-117	SPD STORAGE	125	65	-	-	-	-	-
VAV-119	GYN EXAM 119	125	65	-	-	-	-	-
VAV-120	NURSE STATION 120	375	190	-	-	-	-	-
VAV-122	KITCHEN 122	370	185	-	-	-	-	-
VAV-125	RECEPTION 125	230	115	-	-	-	-	-
VAV-127	MED 123, COM 127	220	110	-	-	-	-	-
VAV-128	HBPC 128	450	225	-	-	-	-	-
VAV-136	OFFICES 134, 136, 138, IT 140	610	305	-	-	-	-	-
VAV-139	OFFICE 139, LAB 131	250	125	-	-	-	-	-
VAV-143	OFFICES 141, 143, 145	375	190	-	-	-	-	-
VAV-146	OFFICES 142, 144, 146, 147	620	310	-	-	-	-	-
VAV-148	CONFERENCE 148	375	190	-	-	-	-	-
VAV-149	OFFICE 149	225	115	-	-	-	-	-
VAV-150	WAITING 150	500	500	-	-	-	-	-
VAV-152	WAITING 152	650	650	-	-	-	-	-
VAV-153	OFFICE 153	230	115	-	-	-	-	-
VAV-154	OFFICE 154	230	115	-	-	-	-	-
VAV-155	OFFICE 155	230	115	-	-	-	-	-
VAV-156	OFFICE 156	230	115	-	-	-	-	-
VAV-157	OFFICE 157	350	175	-	-	-	-	-
BYVV-1	OFFICE 157	2000	0	-	-	-	-	-
BYVV-2	OFFICE 157	2000	0	-	-	-	-	-

FIXTURE SCHEDULE

TAG	FIXTURE	CW	HW	WASTE	VENT	MODEL, REMARKS
P-1	ADA DUAL FLUSH WATER CLOSET	1/2"	——	3"	2"	TANK TYPE
P-2	URINAL	1/2"	——	2"	2"	W/ LOW FLOW FLUSH FLUSHOMETER
P-3	LAVATORY, WALL	1/2"	1/2"	1-1/2"	1-1/2"	W/ GOOSENECK FAUCET
P-4	S.S. DROP-IN HAND SINK	1/2"	1/2"	1-1/2"	1-1/2"	W/ GOOSENECK FAUCET
P-5	S.S. COUNTERTOP/ UTILITY SINK	1/2"	1/2"	2"	1-1/2"	W/ GOOSENECK FAUCET
P-6	ADA DOUBLE BOWL S.S. KITCHEN SINK	1/2"	1/2"	2"	1-1/2"	W/ GOOSENECK FAUCET
P-7	24"x24" MOP SINK	1/2"	1/2"	2"	2"	-
P-8	ADA DRINKING FOUNTAIN	1/2"	——	1-1/2"	1-1/2"	-
FPHB	FREEZE PROTECTED HOSE BIB	1/2"	——	——	——	-
FD-1	FLOOR DRAIN	——	——	2"	2"	W/ TRAP PRIMER

GRILLES, REGISTERS, & DIFFUSER SCHEDULE

TAG	NECK (INCHES)	FACE SIZE (INCHES)	CFM	SP (N.G.)	THROW (FEET)	REMARKS
SD-1	8"Φ	24x24	121-210	0.05	-	LAY-IN
SD-2	10"Φ	24x24	211-410	0.05	-	LAY-IN
RG-1	-	24x24	751-1400	0.05	-	1/2" SPACED GRID TYPE
RG-2	-	48x24	1401-4000	0.05	-	1/2" SPACED GRID TYPE
EG-1	-	12x12	0-350	0.05	-	3/4" SPACED BLADES, 45°
EG-2	-	12x12	0-350	0.05	-	3/4" SPACED BLADES, 45°

NOTES: ALL GRD'S MAX NC=30
ALL UNITS SHALL BE ANEMOSTAT OR EQUAL.
ALL SD'S SHALL HAVE EQUALIZING VANES, FLAT WHITE FINISH, AND BE 4-WAY BLOW PATTERN.

FAN SCHEDULE

TAG	SERVES	CFM	SP (N.G.)	V/PH/HZ	HP	WATTS	RPM	LxWxH (INCHES)	WEIGHT (POUNDS)	MOD. NO.	CONTROLS	REMARKS
EF-1	MECHANCIAL RM	500	-	115/1/60	-	-	-	-	-	-	T'STAT	ROOF-MTD
EF-2	OFFICE 104	275	-	115/1/60	-	-	-	-	-	-	HVAC CONTROLS	ROOF-MTD
EF-3	BATHROOMS	825	-	115/1/60	-	-	-	-	-	-	HVAC CONTROLS	ROOF-MTD
EF-5	WAITING	1,150	-	115/1/60	-	-	-	-	-	-	HVAC CONTROLS	ROOF-MTD
EF-6	BATHROOMS	150	-	115/1/60	-	-	-	-	-	-	WALL SWITCH	ROOF-MTD

PUMP SCHEDULE

TAG	SERVES	TYPE	GPM	HEAD	HP	RPM	ELECTRIC	WEIGHT (POUNDS)	MOD. NO.	REMARKS
CP-1	B-1	INLINE	35	15'	1/2	3450	120/1/60	7.5	TACO 2400-50	-
CP-2	HWS/R	INLINE	35	45'	1.0	-	460/3/60	-	TACO 1616	-
CP-3	IFWH-1	INLINE	22	18'	1/2	3450	120/1/60	7.5	TACO 2400-50	-
CP-4	DOM. HW RECIRC	INLINE	1.5	6'	1/40	3250	120/1/60	-	TACO 0065	STAINLESS STEEL

EXPANSION TANK SCHEDULE

TAG	SERVES	TOTAL TANK VOL. (GAL)	ACCEPT. VOL. (GAL)	MAX TEMP (°F)	MAX PRESSURE (PSIG)	DIA. (IN)	HEIGHT (IN)	MODEL	REMARKS
ET-1	HWS/R	32	11.3	240	100	16	48	AMTROL 5X-60V	-
ET-2	DOM. HW	4.4	-	200	150	11	15	AMTROL ST-12	-

ROOFTOP UNIT SCHEDULE

TAG	AREA SERVED	V/HZ/PH	MAX FUSE (AMPS)	MCA	WEIGHT (LBS)	CFM	EXT. SP.	% O.A.	HEATING					COOLING						REFRIGERANT	MODEL	REMARKS
									FUEL	EAT	LAT	INPUT (MBH)	OUTPUT (MBH)	EDB	EWB	LWB	LDB	TONS	EER			
RTU-1	BUILDING HVAC	460/60/3	70	59	2800	10,000	0.75	10	NG	-	-	400	324	80	67	57	59	25	11.0	R-410A	YCD301E4	-

GAS BOILER SCHEDULE

TAG	SERVES	INPUT (MBH)	OUTPUT (MBH)	EFF. (%)	FUEL	BURNER (FT3/MIN)	SIZE (LXWXH)	VENT SIZE (IN Φ)	WEIGHT (POUNDS)	ELECTRIC	MOD. NO.	REMARKS
B-1	BUILDING HWS/R	399	374	93	NG	-	45"x19"x26"	4" INTAKE 4" VENT	-	115/1/60	HEAT TRANSFER MUNCHKIN	-

INDIRECT-FIRED WATER HEATER SCHEDULE

TAG	SERVES	STORAGE (GAL)	DIA. (IN)	HEIGHT (IN)	WEIGHT (LBS)	FLOW (GPM)	PRESSURE DROP (FT)	180°F BOILER WATER 1ST HOUR RATING @ 115°F	MODEL	REMARKS
IFWH-1	DOM. HOT WATER	60	23 ¼	53 ½	-	10	7.9	370	SUPERSTOR SSU-60	-

HUMIDIFIER SCHEDULE

TAG	SERVES	REQ'D CAPACITY (LBS/ HR)	CAPACITY (LBS/ HR)	ELECTRIC	AMPS	FUEL	INPUT (MBH)	MODEL	REMARKS
IFWH-1	RTU-1	52	75	115/1/60	1.8	NG	100	GTS-100	-

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JOHN P. NOLAN JR.
No. 8960
LICENSED
PROFESSIONAL ENGINEER

CLIENT: DEPARTMENT OF VETERAN AFFAIRS

PROJECT: PORTLAND OFFICES

DRAWING TITLE: MECHANICAL SCHEDULES

DATE: 9/1/10

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CHECKED BY: JPN

M300