REBALANCE EXISTING VARIABLE VOLUME TERMINAL BOX SCHEDULE

DESIGNATION	126	127	128	129	130	131	132	133	135	137	140	141	143	144	146	147	148	149	150	151	152	154	155	157	158	164	171	172
SPACE NUMBER	2150B	2150C	2150	2150	2150	2150	2150	2150	2150E	2150F	2151A	2178	2153	2174	2155	2157	2170	2159	2160A	2160	2160	2160	2160	2160	2160	2209	1178	1178
EXISTING SUPPLY CFM	222	222	1146	1146	1146	1146	1146	1146	73	73	80	147	707	707	707	707	707	707	93	1012	1012	1012	1012	1012	1012	1273	828	828
NEW SUPPLY CFM	205	226	1192	1192	1192	1192	1192	1192	99	99	107	134	1201	726	1201	1148	703	1156	115	867	867	867	867	867	867	1151	696	696
MINIMUM SUPPLY CFM	82	90	596	596	596	596	596	596	40	40	40	40	601	215	601	574	271	578	40	433	433	433	433	433	433	460	309	373
EXISTING REHEAT COIL BTU	3524	2524	18194	18194	18194	18194	18194	18194	1159	1159	1270	2334	8000	11224	8000	8000	11224	9000	1476	16077	16077	16077	16077	16077	16077	16498	9658	9658
NEW REHEAT COIL BTU	3448	3800	20,047	20,047	20,047	20,047	20,047	20,047	1681	1681	1800	2254	20,214	12,210	20,214	19,306	11,823	19,441	1934	14,564	14,564	14,564	14,564	14,564	14,564	19,357	11,705	11,705
EXISTING GPM	0.4	0.3	1.8	1.8	1.8	1.8	1.8	1.8	0.2	0.2	0.1	0.2	0.8	1.1	0.8	0.8	1.1	0.9	0.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	1.0
NEW HW GPM	0.3	0.4	2.0	2.0	2.0	2.0	2.0	2.2	0.2	0.2	0.2	0.2	2.0	1.2	2.0	2.0	1.2	2.0	0.2	1.5	1.5	1.5	1.5	1.5	1.5	1.9	1.2	1.2

REMARKS: (ALL NOTES APPLY TO ALL BOXES)

① USE EXISTING DUCTWORK, PIPE & VAV BOX, REBALANCE TO MEET NEW REQUIREMENTS.

② CONTRACTOR TO VERIFY ALL VAV BOX NUMBERS MATCH SPACE NUMBERS AS INDICATED ON SCHEDULE.

REBALANCE EXISTING VARIABLE VOLUME TERMINAL BOX SCHEDULE

DESIGNATION	177	178	179	180	181	182	183	186	187	195	201	204	206	209	210	211	212	213	214	216	217	218	219	222	223	226	227	228
SPACE NUMBER	1188	1188	1179A	1126	1126	1128	1128	1124	1114	1194	1205A	1204A	1199	1183ABCD	1184ABCD	1183EFG	1184EFG	1183HJK	1184HJK	1185	1185	1187	1187	1191	1191	1181D	1181C	1181A
EXISTING SUPPLY CFM	828	828	36	1833	1833	1177	1096	1269	876	1500	208	208	1081	48	48	36	36	36	36	525	525	525	525	513	513	850	850	850
NEW SUPPLY CFM	866	866	240	1911	1911	613	613	1234	900	991	234	232	715	94	94	72	63	70	62	356	356	356	356	500	500	781	788	771
MINIMUM SUPPLY CFM	309	309	120	955	955	225	225	494	268	316	59	58	190	40	40	40	40	40	40	154	154	154	154	125	125	312	315	308
EXISTING REHEAT COIL BTU	7000	7000	2,000	25537	25537	16398	14000	17680	11215	11,000	3100	3100	25709	715	715	531	531	531	531	8,000	8,000	8,000	8,000	9807	9807	6000	6000	6000
NEW REHEAT COIL BTU	14,564	14,564	4036	32,138	32,138	11,972	10,309	20,753	15,136	16,649	3935	3901	14,061	1580	1580	1345	1345	1345	1345	5514	5514	5514	5514	8409	8409	13,135	13,252	12,966
EXISTING GPM	0.7	0.7	0.2	2.6	2.6	0.9	1.4	1.7	1.1	1.1	0.3	0.3	2.6	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.8	0.8	0.8	1.0	1.0	0.4	0.4	0.4
NEW HW GPM	1.5	1.5	0.4	3.2	3.2	1.2	1.0	2.1	1.5	1.7	0.4	0.4	1.4	0.2	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.8	0.8	1.3	1.3	1.3

REMARKS: (ALL NOTES APPLY TO ALL BOXES)

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REBALANCE EXISTING VARIABLE VOLUME TERMINAL BOX SCHEDULE

DESIGNATION	229	235	236	237	242	243	244	251	252	253	254	255	256	257	259	261	262	264	265	266	268	269	270	271	272	273	274	276
SPACE NUMBER	1181B	1105	1105	1104	1101	1101	1122	1132A	1132	1132	1132	1132	1132B	1132C	1129	1164D	1163E	1164B	1164C	1164A	1161	1161	1161	1161A	1160	1161B	1161C	1161
EXISTING SUPPLY CFM	850	464	464	435	925	925	681	81	789	789	789	789	38	130	197	1040	217	986	82	259	642	642	642	602	656	130	132	642
NEW SUPPLY CFM	788	374	374	371	981	981	837	149	923	923	923	923	131	62	320	742	170	780	173	200	714	714	714	694	706	131	149	714
MINIMUM SUPPLY CFM	315	174	174	91	530	530	335	40	370	370	370	370	40	40	160	346	43	195	43	95	294	294	294	278	181	66	40	294
EXISTING REHEAT COIL BTU	6000	8419	8419	5000	23,000	23,000	12356	1470	14307	14307	14307	14307	689	2359	2,000	21,000	3374	15334	1275	4028	9981	9981	9981	9362	10202	2022	2053	9981
NEW REHEAT COIL BTU	13,252	5852	5852	6642	24,727	24,727	14,076	2523	15,523	15,523	15,523	15,523	2203	1345	5381	11,638	2859	13,118	2909	3364	12,008	12,008	12,008	11,671	11,873	2220	2522	12,008
EXISTING GPM	0.4	0.8	0.8	0.5	2.3	2.3	1.2	0.1	1.4	1.4	1.4	1.4	0.1	0.2	0.2	2.1	0.3	1.5	0.1	0.4	1.0	1.0	1.0	0.9	1.0	0.2	0.2	1.0
NEW HW GPM	1.3	0.6	0.6	0.7	2.5	2.5	1.4	0.3	1.6	1.6	1.6	1.6	0.2	0.1	0.5	1.2	0.3	1.3	0.3	0.3	1.2	1.2	1.2	1.2	1.2	0.2	0.3	1.2

REMARKS: (ALL NOTES APPLY TO ALL BOXES)

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REBALANCE EXISTING VARIABLE VOLUME TERMINAL BOX SCHEDULE

DESIGNATION	279	280	282	285	286	291	292	297	298	299	301	304	305	306	308	312	315	317	324	325	326	328	332	333	334	335	336	337
SPACE NUMBER	1146B	1146A	1146	1148A	1148B	1152	1152	1175DEF	1175GHJ	1175KLMN	1175ABC	1176GHJ	1176DEF	1176KLM	1176ABC	1170	1156	1155A	1151F	1151E	1151D	1151B	1144	1144	1111A	1111B	1117	1119B
EXISTING SUPPLY CFM	150	150	2351	150	150	2201	2201	108	108	144	108	108	108	108	108	1110	636	90	54	54	93	65	448	448	705	711	757	711
NEW SUPPLY CFM	143	113	1738	148	148	1768	1768	130	130	350	130	136	130	130	130	538	699	140	80	80	150	105	371	371	507	520	660	520
MINIMUM SUPPLY CFM	57	57	675	57	57	706	706	40	40	120	40	57	40	40	40	215	350	56	40	40	40	40	186	186	254	238	265	240
EXISTING REHEAT COIL BTU	1409	1409	22090	1409	1409	20681	20681	1715	1715	2286	1715	1715	1715	1715	1715	24,000	10097	2000	857	857	1476	1032	5000	5000	8523	8523	9075	8523
NEW REHEAT COIL BTU	2422	1900	29,229	2489	2489	29,700	29,700	2186	2186	4296	2186	2287	2186	2186	2186	9048	11,772	2000	1302	1302	2522	1367	6256	6256	8543	8745	11,100	8745
EXISTING GPM	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.7	1.7	0.2	0.2	0.2	0.2	0.2	0.2	2.4	1.0	0.2	0.1	0.1	0.1	0.1	0.5	0.5	0.8	0.5	0.6	0.5
NEW HW GPM	0.2	0.2	2.9	0.2	0.2	3.0	3.0	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.9	1.2	0.2	0.1	0.1	0.3	0.1	0.6	0.6	0.9	0.9	1.1	0.9

REMARKS:

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REBALANCE EXISTING VARIABLE VOLUME TERMINAL BOX SCHEDULE

DESIGNATION	338	339
SPACE NUMBER	1119A	1211
EXISTING SUPPLY CFM	705	35
NEW SUPPLY CFM	515	192
MINIMUM SUPPLY CFM	242	48
EXISTING REHEAT COIL BTU	8452	2,000
NEW REHEAT COIL BTU	8661	3229
EXISTING GPM	0.8	0.2
NEW HW GPM	0.9	0.3

REMARKS:

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STATE OF MARYLAND — JAMES D. [illegible] — REGISTERED PROFESSIONAL MECHANICAL ENGINEER

US ARMY ENGINEERING AND SUPPORT CENTER HUNTSVILLE

Symbol	Description	Date	Appr.

Date: 02/27/04 | Checked by: WTT
CADD File Name: 3128M03.DGN | Dwn by: ICT
ICT Project No. 203121 | DACA87-03-D-0006
Plot date: 02/27/04 | Approved by:
Plot scale: | Chief, Prj. Mgmt. Division

TASK ORDER #: FRR004

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DEFENSE INFORMATION SCHOOL — FT. MEADE — MARYLAND

MECHANICAL SCHEDULES

Sheet reference number: M-003