EXISTING LINEAR SLOT DIFFUSER SCHEDULE

ROOM NUMBER	TYPE OF DIFFUSER	LENGTH (FT.)	CFM (EA.)	MAX. S.P. LOSS (IN. WG)	QTY.	WORK REQUIRED UNDER THIS PROJECT
1146	2W/4S	4	392	.06	TYP OF 12	REBALANCE TO 145 CFM EACH
1146A	2W/2S		150	.07	TYP OF 1	REBALANCE TO 113 CFM
1146B			150	.07	TYP OF 1	REBALANCE TO 143 CFM
1148	2W/4S		392	.06	TYP OF 12	REBALANCE TO 224 CFM EACH
1148A	2W/2S		150	.07	TYP OF 1	REBALANCE TO 148 CFM
1148B			150	.07	TYP OF 1	REBALANCE TO 148 CFM
1150A	2W/4S		260	.07	TYP OF 1	REBALANCE TO 80 CFM
1150	2W/4S	2		.05	TYP OF 4	REBALANCE EXISTING CD-6 TO 133 CFM EA.
1150C	NOT USED					
1152A	2W/4S	2	100	.05	TYP OF 1	REBALANCE TO 113 CFM
1152B	2W/4S	4	200	.06	TYP OF 2	REBALANCE TO 57 CFM EACH
1152C	2W/2S	2	100	.05	TYP OF 1	CHANGE EXISTING TO 4' (2W/4S) BAL FOR 295 CFM
1105	2W/4S	4	232	.06	TYP OF 4	REBALANCE TO 94 CFM EACH
1104			213	.06	TYP OF 2	REPLACE W/2 2W/2S BALANCE TO 186 CFM EACH
1106			175	.06	TYP OF 1	ADD 2W/2S BALANCE TO 352 CFM EA.
1115	2W/2S	2	51	.05	TYP OF 6	ADD 4 MORE 2W/2S DIFFUSERS BALANCE TO 208 CFM EACH
1121	2W/4S	4	175	.06	TYP OF 1	ADD 2 MORE 2W/4S DIFFUSERS BALANCE TO 219 CFM EACH
1210	2W/2S		182	.07	TYP OF 4	ADD 2 MORE 2W/2S DIFFUSERS BALANCE TO 207 CFM EACH
1118G	2W/4S		276	.07	TYP OF 1	REBALANCE TO 188 CFM
	2W/2S	2	52	.05	TYP OF 1	NOT USED
1122		4	170	.07	TYP OF 4	REBALANCE TO 170 CFM EACH
1131		2	56	.05	TYP OF 3	REBALANCE TO 200 CFM EACH
			55	.05	TYP OF 1	NOT USED
1127	2W/4S	4	240	.06	TYP OF 12	REBALANCE TO 221 CFM EACH
1133			201	.06	TYP OF 4	REMOVE 2 DIFFUSERS REBALANCE REMAINING TO 144 CFM EACH
1130A	2W/2S		124	.07	TYP OF 4	ADD 4 DIFFUSERS BALANCE ALL TO 364 CFM EACH
1132	2W/4S		210	.06	TYP OF 15	REBALANCE TO 246 CFM
	2W/2S		55	.07	TYP OF 1	NOT USED
1130	2W/4S		149	.06	TYP OF 4	REBALANCE TO 304 CFM EACH
1129	2W/2S		97	.07	TYP OF 2	REBALANCE TO 160 CFM EACH
1132A			81	.07	TYP OF 1	REBALANCE TO 149 CFM
1132B		2	38	.05	TYP OF 1	REBALANCE TO 131 CFM
1132C		4	130	.07	TYP OF 1	REBALANCE TO 62 CFM
1174			76	.07	TYP OF 1	ADD 3 2W/2S DIFFUSERS BALANCE ALL TO 267 CFM EACH
1175A-C		2	36	.05	TYP OF 3	REBALANCE TO 44 CFM EACH
1175D-F			36		TYP OF 3	REBALANCE TO 44 CFM EACH
1175G-J			36		TYP OF 3	REBALANCE TO 44 CFM EACH
1175K-N			48		TYP OF 4	REBALANCE TO 88 CFM EACH
1176A-C			36		TYP OF 3	REBALANCE TO 44 CFM EACH
1176D-F			36		TYP OF 3	REBALANCE TO 44 CFM EACH
1176G-J			36		TYP OF 3	REBALANCE TO 45 CFM EACH
1176K-M			36		TYP OF 3	REBALANCE TO 44 CFM EACH
1169			52		TYP OF 3	ADD 2 2W/2S DIFFUSERS BALANCE ALL TO 273 CFM EACH
			55		TYP OF 1	NOT USED
1156		4	159	.07	TYP OF 4	REBALANCE TO 175 CFM EACH
1154	2W/4S	4	210	.06	TYP OF 23	REBALANCE TO 242 CFM EACH
1153	2W/2S	2	60	.05	TYP OF 3	REBALANCE TO 263 CFM EACH
1145		2	37	.05	TYP OF 3	REBALANCE TO 286 CFM EACH
1144		4	112	.07	TYP OF 8	REBALANCE TO 56 CFM EACH
1152	4W/4S	4	275	.07	TYP OF 6	REBALANCE TO 366 CFM EACH

EXISTING LINEAR SLOT DIFFUSER SCHEDULE

ROOM NUMBER	TYPE OF DIFFUSER	LENGTH (FT.)	CFM (EA.)	MAX. S.P. LOSS (IN. WG)	QTY.	WORK REQUIRED UNDER THIS PROJECT
1170	2W/4S	4	179	.06	TYP OF 6	REBALANCE TO 185 CFM EACH
1151	2W/2S	4	107	.07	TYP OF 1	REBALANCE TO 320 CFM
1151A	2W/2S	2	51	.05	TYP OF 1	REBALANCE TO 86 CFM
1159	2W/4S	2	217	.07	TYP OF 2	REBALANCE EXISTING 10-2W/4S TO 222 CFM EA.
1177A OUTER	2W/4S	4	283	.06	TYP OF 2	REBALANCE TO 213 CFM EACH
1177A INNER	2W/2S	2	50	.05	TYP OF 1	REBALANCE TO 40 CFM
1177B OUTER	2W/4S	4	283	.06	TYP OF 2	REBALANCE TO 213 CFM
1177B INNER	2W/2S	2	50	.05	TYP OF 1	REBALANCE TO 40 CFM EACH
1177C OUTER	2W/4S	4	283	.06	TYP OF 2	REBALANCE TO 213 CFM EACH
1177C INNER	2W/2S	2	50	.05	TYP OF 1	REBALANCE TO 40 CFM EACH
1177D OUTER	2W/4S	4	283	.06	TYP OF 2	REBALANCE TO 213 CFM
1177D INNER	2W/2S	2	50	.05	TYP OF 1	REBALANCE TO 40 CFM EACH
1155A	2W/2S	4	90	.07	TYP OF 1	REBALANCE TO 140 CFM
1155	2W/4S		283	.06	TYP OF 2	REBALANCE TO 390 CFM EACH
1151B	2W/2S		65	.07	TYP OF 1	REBALANCE TO 105 CFM
1151D			93		TYP OF 1	REBALANCE TO 150 CFM
1151E			54		TYP OF 1	REBALANCE TO 80 CFM
1151F			54		TYP OF 1	REBALANCE TO 80 CFM
1175	2W/4S		89	.06	TYP OF 2	REBALANCE TO 130 CFM EACH
1176	2W/4S		89	.06	TYP OF 2	REBALANCE TO 259 CFM EACH
1211	2W/2S	2	34	.05	TYP OF 1	REBALANCE TO 192 CFM
1212		4	122	.07	TYP OF 2	REBALANCE TO 247 CFM EACH
			123		TYP OF 2	NOT USED
1205A			208		TYP OF 1	REBALANCE TO 234 CFM
1205	2W/4S		239	.06	TYP OF 3	REBALANCE TO 306 CFM EACH
1204A	2W/2S		208	.08	TYP OF 1	REBALANCE TO 232 CFM
1204	2W/4S		239	.06	TYP OF 3	REBALANCE TO 306 CFM EACH
	2W/2S	2	55	.07	TYP OF 1	NOT USED
1197	2W/2S	4	83	.05	TYP OF 2	ADD 2- 2W/2S DIFFUSERS REBALANCE TO 178 CFM EACH
1199	2W/4S	4	288	.06	TYP OF 4	REBALANCE TO 180 CFM EACH
1201	2W/4S	4	270	.06	TYP OF 4	REBALANCE TO 335 CFM EACH
1192A	2W/2S	2	59	.05	TYP OF 1	ADD 2- 2W/2S DIFFUSERS REBALANCE TO 320 CFM EACH
1179/1182			61		TYP OF 3	ADD 8- 2W/2S DIFFUSERS REBALANCE TO 96 CFM EACH
1183A-D			12		TYP OF 4	REBALANCE TO 24 CFM EACH
1183E-G			12		TYP OF 3	REBALANCE TO 24 CFM EACH
1183H-K			12		TYP OF 3	REBALANCE TO 23 CFM EACH
1184A-D			12		TYP OF 4	REBALANCE TO 24 CFM EACH
1184E-G			12		TYP OF 3	REBALANCE TO 21 CFM EACH
1184H-K			12		TYP OF 3	REBALANCE TO 21 CFM EACH
1118A OUTER	1W/2S	2	15	.02	TYP OF 1	REBALANCE TO 60 CFM
1118A INNER	2W/2S	4	155			REBALANCE TO 113 CFM
1118B OUTER	1W/2S	2	15			REBALANCE TO 60 CFM
1118B INNER	2W/2S	4	155			REBALANCE TO 117 CFM
1118C OUTER	1W/2S	2	15			REBALANCE TO 60 CFM
1118C INNER	2W/2S	4	155			REBALANCE TO 117 CFM
1118D OUTER	1W/2S	2	15			REBALANCE TO 60 CFM
1118D INNER	2W/2S	4	155			REBALANCE TO 117 CFM
1118E OUTER	1W/2S	2	15			REBALANCE TO 60 CFM
1118E INNER	2W/2S	4	155			REBALANCE TO 117 CFM
2121	2W/2S	2	125	.05		
1118F OUTER	1W/2S	2	15	.02		REBALANCE TO 60 CFM
1118F INNER	2W/2S	4	155			REBALANCE TO 117 CFM

NOTE:

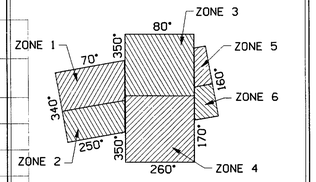
① MAXIMUM CFM FOR 1W/1S, 2 FT. LONG = 15 CFM.

② MAXIMUM CFM FOR 2W/2S, 2 FT. LONG = 100 CFM.
4 FT. LONG = 200 CFM.

③ MAXIMUM CFM FOR 2W/4S, 2 FT. LONG = 200 CFM.
4 FT. LONG = 400 CFM.

KEY PLAN

NO SCALE



US ARMY ENGINEERING AND SUPPORT CENTER HUNTSVILLE

Symbol	Description	Date	Appr.

TASK ORDER #: FRR004

PADUCAH, KENTUCKY
VOICE 270-442-8620

LGThomasson Associates Inc.
NASHVILLE, TENNESSEE
PHONE (615) 346-3400

Checked by: WTT
Dwn by: ICT
DAC-A87-03-D-0006
Approved by:
Chief, Prj. Mgmt. Division

Date: 02/27/04
CADD File Name: 312M008.DGN
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DEFENSE INFORMATION SCHOOL
FT. MEADE MARYLAND

MECHANICAL SCHEDULES

Sheet reference number:
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STATE OF MARYLAND — WILLIAM T. TOLLEY — REGISTERED PROFESSIONAL MECHANICAL ENGINEER

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