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
	2W/2S	2	55	.05	TYP OF 1	
2207	2W/2S	2	84	.05	TYP OF 4	REBALANCE TO 397 CFM EACH
2216	2W/2S	2	84	.05	TYP OF 4	REBALANCE TO 114 CFM EACH
2219	2W/4S	4	336	.06	TYP OF 4	REBALANCE TO 314 CFM EACH
2201		4	359	.06	TYP OF 2	
2201		2	179	.05	TYP OF 4	
2151B	2W/2S	2	61		TYP OF 1	REBALANCE TO 178 CFM
2178	2W/4S	2	147		TYP OF 1	REBALANCE TO 134 CFM
2151A	2W/2S	2	80		TYP OF 1	REBALANCE TO 107 CFM
2151	2W/2S	4	149	.07	TYP OF 6	REBALANCE TO 191 CFM EACH
2176	2W/4S		177	.06	TYP OF 4	REBALANCE TO 182 CFM EACH
2174			177		TYP OF 4	REBALANCE TO 182 CFM EACH
2170			177		TYP OF 4	REBALANCE TO 176 CFM EACH
2153			177		TYP OF 4	REBALANCE TO 300 CFM EACH
2155			177		TYP OF 4	REBALANCE TO 300 CFM EACH
2157			177		TYP OF 4	REBALANCE TO 287 CFM EACH
2159			177		TYP OF 4	REBALANCE TO 289 CFM EACH
2150C			222		TYP OF 1	REBALANCE TO 226 CFM
2150B			222		TYP OF 1	REBALANCE TO 205 CFM
2150A			251		TYP OF 2	REBALANCE TO 319 CFM EACH
2150D	2W/2S	2	73	.05	TYP OF 2	REBALANCE TO 47 CFM EACH
2150E	2W/2S	2	73	.05	TYP OF 2	REBALANCE TO 50 CFM EACH
2150F	2W/2S	2	73	.05	TYP OF 2	REBALANCE TO 50 CFM EACH
2150	2W/4S	4	229	.06	TYP OF 30	
2160A	2W/2S	4	93	.07	TYP OF 1	REBALANCE TO 115 CFM
2160B	2W/2S	4	265	.08	TYP OF 2	REBALANCE TO 323 CFM EACH
2160	2W/2S	4	217	.07	TYP OF 28	
2149/2162	2W/2S	2	98	.05	TYP OF 6	REBALANCE TO 504/36 CFM EACH
2218	2W/4S	4	410	.06	TYP OF 8	REBALANCE TO 119 CFM EACH
2217			318		TYP OF 4	REBALANCE TO 188 CFM EACH
2211			271		TYP OF 6	REBALANCE TO 148 CFM EACH
2215			241		TYP OF 6	REBALANCE TO 134 CFM EACH
2209			318		TYP OF 4	REBALANCE TO 288 CFM EACH
2203B			288		TYP OF 6	REBALANCE TO 124 CFM EACH
2203A			283		TYP OF 6	REBALANCE TO 122 CFM EACH
2205			293		TYP OF 9	REBALANCE TO 61 CFM EACH
1190	2W/4S		376		TYP OF 8	REBALANCE TO 148 CFM EACH
1172			380		TYP OF 8	REBALANCE TO 214 CFM EACH
1194			366		TYP OF 8	REBALANCE TO 124 CFM EACH
1196			367		TYP OF 8	REBALANCE TO 123 CFM EACH
1114	2W/4S		219		TYP OF 4	REBALANCE TO 238 CFM EACH
1124			317		TYP OF 4	REBALANCE TO 309 CFM EACH
1125A			268		TYP OF 3	REBALANCE TO 115 CFM EACH
1125B			268		TYP OF 3	REBALANCE TO 115 CFM EACH
1135			263		TYP OF 6	DEMO 2 DIFFUSERS REBALANCE REMAINING TO 125 CFM EACH
1137			213		TYP OF 2	REPLACE W/2 2W/4S BALANCE TO 480 CFM EACH
1126			305		TYP OF 12	ADD 12 DIFFUSERS BALANCE ALL TO 319 CFM EACH
1128			214		TYP OF 11	REBALANCE TO 111 CFM EACH
2119			358		TYP OF 8	REBALANCE TO 80 CFM EACH
1178			207		TYP OF 8	ADD 4- 2W/4S DIFFUSERS BALANCE TO 300 CFM EACH
1186	2W/4S	4	407	.06	TYP OF 24	REMOVE 8 DIFFUSERS REBALANCE TO 140 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
1188	2W/4S	4	207	.06	TYP OF 8	REBALANCE TO 216 CFM EACH
1179A	2W/2S		36	.07	TYP OF 1	REBALANCE TO 240 CFM
1181F	NOT USED					
1181G	NOT USED					
1181B	2W/4S	4	213	.06	TYP OF 4	REBALANCE TO 197 CFM EACH
1181A	2W/4S	4	213	.07	TYP OF 4	REBALANCE TO 193 CFM EACH
1181E	NOT USED					
1181D	2W/4S	4	213	.06	TYP OF 4	REBALANCE TO 195 CFM EACH
1181C	2W/4S		213	.06	TYP OF 4	REBALANCE TO 197 CFM EACH
1185	2W/2S		128	.07	TYP OF 8	REBALANCE TO 89 CFM EACH
1187	2W/2S		128		TYP OF 8	REBALANCE TO 89 CFM EACH
1189	2W/2S		132		TYP OF 8	ADD 4-2W/4S DIFFUSERS BALANCE TO 258 CFM EACH REBALANCE EXIST TO 129 CFM EACH
1191	2W/2S		128		TYP OF 8	REBALANCE TO 125 CFM EACH
1193	2W/4S		371	.06	TYP OF 8	REBALANCE TO 126 CFM EACH
1164E	2W/4S		218	.06	TYP OF 4	REBALANCE TO 73 CFM EACH
1163E	2W/4S		217	.06	TYP OF 1	REBALANCE TO 170 CFM
1163D	2W/4S		267	.06	TYP OF 2	REBALANCE TO 802 CFM EACH
1164D	2W/4S		253	.06	TYP OF 4	REBALANCE TO 186 CFM EACH
1164B	2W/4S		246	.06	TYP OF 4	REBALANCE TO 195 CFM EACH
1164A	2W/4S		259	.06	TYP OF 1	REBALANCE TO 53 CFM
1164C	2W/2S		82	.05	TYP OF 1	REBALANCE TO 173 CFM
1161	2W/4S		219	.06	TYP OF 19	REBALANCE TO 255 CFM EA
1161A	2W/4S		201	.06	TYP OF 1	ADD 2- 2W/4S DIFFUSERS REBALANCE ALL TO 230 CFM EACH
1161B	2W/2S		130	.05	TYP OF 1	REBALANCE TO 131 CFM
1161C	2W/2S		132	.05	TYP OF 1	REBALANCE TO 149 CFM
1111A	2W/4S		353	.06	TYP OF 2	REBALANCE TO 245 CFM EACH
1111B	2W/4S		356			REBALANCE TO 257 CFM EACH
1119A	2W/4S		353			REBALANCE TO 96 CFM EACH
1119B	2W/4S		356			REBALANCE TO 255 CFM EACH
1117	2W/4S		100		TYP OF 1	REBALANCE TO 662 CFM
1160	2W/4S		219	.06	TYP OF 3	REBALANCE TO 235 CFM EACH
	2W/2S		69	.05	TYP OF 2	NOT USED
2119	2W/2S	2			TYP OF 6	REBALANCE TO 106 CFM EACH
2148	2W/2S	2		.05	TYP OF 5	ADD 6- 2W/2S DIFFUSERS REBALANCE ALL TO 240 CFM EACH
2165	2W/2S	2		.06	TYP OF 4	ADD 4- 2W/2S DIFFUSERS REBALANCE ALL TO 276 CFM EACH
1153A	2W/2S	2		.05	TYP OF 1	REBALANCE TO 36 CFM EACH

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.

THESE DOCUMENTS HAVE BEEN PREPARED PRIMARILY BASED ON INFORMATION PROVIDED BY OTHERS. I.C. THOMASSON HAS NOT VERIFIED THE ACCURACY OF ALL INFORMATION PROVIDED BY OTHERS. SEE LIMIT OF LIAIBILITIES STATEMENT ON COVER SHEET.

US ARMY ENGINEERING AND SUPPORT CENTER HUNTSVILLE

Symbol	Description	Date	Appr.

Symbol	Description	Date	Appr.

Date: 02/27/04
Checked by: WTT
CADD File Name: 312BM010.DGN
Dwn by: ICT
ICT Project No. 203121
DAC487-03-D-0006
Plot date: 02/27/04
Plot scale:
Approved by:
Division
Chief, Prj. Mgmt. Division

TASK ORDER #: FRR004

ENGINEERED

I.C. Thomasson Associates Inc.
PADUCAH, KENTUCKY VOICE 270-442-8620
NASHVILLE, TENNESSEE PHONE (615) 346-3400

ICT

DEFENSE INFORMATION SCHOOL
FT. MEADE MARYLAND

MECHANICAL SCHEDULES

STATE OF MARYLAND — WILLIAM T. THOMASSON — 21431 — REGISTERED PROFESSIONAL MECHANICAL ENGINEER

Sheet reference number:
M-009