

EQUIPMENT LEGEND													
EQUIP.	MANU.	MODEL	SERVES	MTR. HP.	VOLTS	PHA.	KW	CIRCUIT BRKR #1	CIRCUIT BRKR #2	FUEL	BTU COOL	BTU HTG	EQUIP. NOTES
RTPU1	LENNOX	13GCSA-60-083	AUX.	5	208/230V	1		40A		N.G.	60,000	83,000	1, 3, 4, 5
RTPU2	LENNOX	13GCSA-60-083	AUD.	5	208/230V	1		40A		N.G.	60,000	83,000	1, 2, 3, 4, 5
EQUIPMENT NOTES:													
1. ORDER SINGLE W/ T7300D THERMOSTAT (#60L59) W/ SUBBASE Q7300A (#37L55)Ⓣ				2. AND REMOTE SENSOR (#58C92).Ⓢ				4. HIGH PRESS SWITCH #42K89 (LENNOX).					
				3. LOW AMBIENT KIT #42K88 (LENNOX).				5. LOW PRESS SWITCH #56L45 (LENNOX).					

JOB NUMBER: 1124																	
JOB NAME: LIBERTY, KINGDOM HALL ADDITON																	
SYS.	COOLING	SENS.	HTG	L.A.T.	L.A.T.	R.A.T.	CLG.	HTG. RM.	REQ.	AVG.	TOTAL	C.F.M	TOTAL	SQ. FT			
TYPE	MBH	MBH	MBH	D.B.	W.B.	HTG.	TEMP	TEMP	O.A.	CRIT.	SQ. FT.	SQ. FT.	TONS	TON			
DX	125227	67623	20162	55	54	68	74	68	960	0.24	2715	1.45	10.44	260			
ROOM	NAME	AREA	AREA	MAX	RED.	PEOP.	O.A.	REQ.	O.A.	TOT	CAL.	NUM.	CFM	ACT	ACT.	ACT.	ACT.
NUM.		SQ. FT.	BTU	PEOP	PEOP.	BTU	PER	O.A. *	BTUC	BTUH	SUP.	DIFF.	EA	SUP	O.A.	EXH.	RET. O.A.
100	Lobby	273	4641			0	15	0	0	0	137	1	200	200	49		151 0
101	Men's Rm	150	2550			0	15	0	0	0	75	1	150	150	36	160	114 0.00
102	Women's	180	3060			0	15	0	0	0	135	1	200	200	49	160	151 0
103	Baby Rm	80	1360			0	15	0	0	1360	40	1	100	100	35		65 0
104	Lit/Mag	63	315			0	15	0	0	18689	32	1	100	100	24		76
105	Office	160	800	8	4	2800	15	60	3666	7.266	140	1	200	200	49		151
106	Library	209	1045	18	9	6300	15	135	8249	15.59	240	2	200	400	97		303
107	Hall	50	250			0	15	0	0	0.25	50	1	100	100	24		76
108	Auditorium	1550	7750	102	51	35700	15	765	46742	90.19	2315	10	250	2500	608		1892
	TOTALS	2715	21771	128	64	44800		960	58656	20162.3	3163			3950	971	320	2979 0.24
	* VENTILATION CALCULATIONS BASED ON ASHRAE 62-1989 PARGARAPHS 6.1.3.4 FOR REDUCED OCCUPANCY																

:: APPROVED FOR CONSTRUCTION ::

NO	DATE	REVISION	BY

SHEET TITLE	PROJECT TITLE
EQUIPMENT LEGEND VENTILATION/LOAD CALCULATIONS	KINGDOM HALL OF JEHOVAH'S WITNESSES LIBERTY CONGREGATION ADDITION & REMODEL PROJECT 119 HWY 49, LIBERTY, KY USA

DWN BY: DSA	CKD BY: DSA
SCALE: 1/8"=1'-0"	
DATE: 4/9/2007	
CAD #: LBRT-M41	
SHEET No. M4.1	