HEATING LOAD CALCULATION SHEET
60 DEGREE DESIGN TEMP DIFFERENCE

Job #:			City:		
Client:			Design Temp:		
Address:			Temp Difference:		
House in square feet:			Volume:		
Exposure		**Construction #**	**HTM**	**Total area**	**BTU/H loss**
A: Gross Area	1				X
Exposed Walls	2				X
And Partitions	3				X
	4				X
B:Glass: Doors	1				
Windows	2				
	3				
	4				
C: Doors	5				
	6				
D: Net Area	1				
Exposed Walls	2				
And Partitions	3				
	4				
E: Ceilings	1				
	2				
F: Floors or	1				
Crawl Walls	2				
G: Infiltration					
CFM50	**/_____**	**= CFM4**	**X1.1**	**X 60**	
H: SUB TOTAL LOSS: Glass, Doors, Net Walls, Ceilings, Floors Or Crawl Walls and Infiltration					
I: DUCTS:	**WALL INSULATION**				
HEAT LOSS FACTOR	**CORRECTION**		**MULTIPLIER**		
J: Total BTU/H Loss—Entire House					

INFILTRATION LOAD: Exposure

Stories	1	2	3	4	5
1	11.8	12.7	13.9	15.4	17.5
2	9.4	10.0	10.6	11.5	12.6
3	8.0	8.5	9.0	9.6	10.4

DUCT LOAD: HEAT LOSS FACTOR

LOCATION 1: VENTED ATTIC/ KNEE WALL SPACE

FLOOR AREA OF CONDITIONED SPACE

SYSTEM TYPE	1000	1500	2000	2500	3000
Trunk & Branch	.16	.19	.20	.22	.24
Radial	.08	.10	.12	.13	.14

WALL INSULATION CORRECTION

WALL R	R-0	R-2	R-4	R-6	R-8
TRUNK/B	NA	1.85	1.24	1.00	0.85
RADIAL	NA	1.99	1.37	1.00	0.87

LOCATION 2: UNCONDITIONED BASEMENT OR CLOSED CRAWL

FLOOR AREA OF CONDITIONED SPACE

SYSTEM TYPE	1000	1500	2000	2500	3000
Trunk & Branch or Radial	.07	.09	.10	.11	.11

WALL INSULATION CORRECTION

WALL R	R-0	R-2	R-4	R-6	R-8
SCALER	NA	1.74	1.20	1.00	0.89

LOCATION 3: GARAGE FLOOR AREA OF CONDITIONED SPACE

SYSTEM TYPE	1000	1500	2000	2500	3000
Trunk & Branch	.26	.30	.34	.36	.41
Radial	.18	.20	.25	.28	.34

WALL INSULATION CORRECTION

WALL R	R-0	R-2	R-4	R-6	R-8
TRUNK/B	NA	2.17	1.31	1.00	0.86
Radial	NA	2.45	1.34	1.00	0.83

LOCATION 4: BELOW SLABFLOOR AREA OF CONDITIONED SPACE

SYSTEM TYPE	1000	1500	2000	2500	3000
Radial	.04	.05	.05	.06	.06

WALL INSULATION CORRECTION (ATTIC RETURN)

WALL R	R-0	R-2	R-4	R-6	R-8
SCALER	NA	1.25	1.07	1.00	0.88