Prepared By: Hamy Mosele

or: Glen Wood Wing ame: North Side Baptist Church ddress: US4/7						DESIGN TEMPERATURE DIFFERENCE 30°/35°/40°/45°/50°/					DESIGN TEMP		
Constr. Type	ITEM  Gross Wall Area  Glass Area (From page 1)			AREA SQUARE FEET		ML	EATIN ILTIPL RCLE (	IER		HEATING (BTUH LOSS)	COOLING MULT. (CIRCLE)		COOLING (BTUH GAIN)
-				1089									40 100
-				8									
1	Partitions, Frame						1000						
-	Finished 1 side, No Insulation				17	19	22	25	28		6.5	10.0	
-	Finished 2 sides, No Insulation				9	11	12	14	16		4.5	.6.0	
1	Finished 2 sides, R-5				4	5	5.5	6	7		2.5	3.5	
-	Finished 2 sides, R-11				2	3	3	4	4		2.0	2.5	
1	Other										2.0	2.3	
1	Doors (Excluding glass)	E											
	No weatherstripping				13!	160	180	200	225		10.0	13.0	
	Weatherstripped			18	70	-	95	110	120	17/0	10.0	13.0	73/
	R-5 Insulation, No weatherstrip	ping			123	-	-	185	205	1110	4.3	-	234
	R-5 Insulation, weatherstrippin	g			68		90	101	113		4.0	5.5	
	Other	-			-	1	100	101	113		4.0	5.0	
	Net Exterior Walls							-					
	CBS Furred, No Insulation				9	10	12	13	14		45		
-	CBS Furred, R-3 Insulation				5	_	7	8	8		4.5	6.0	
	CBS Furred, R-4 Insulation				4		6	6	7		3.0	4.2	
	CBS Furred, R-5 Insulation				4	-	5	6	6		2.7	3.8	
	Frame, No Insulation				8		10	11	13		2.5	3.5	
	Frame, R-11 Insulation			1070	2		-3	3	4	32/6	5.5	7.0	701
	Frame, R-14 Insulation			1000	1.5		2	2.5	-	36/6	2.5	3.0	32/0
	Other			1	1.5	1.7	1 2	2.5	3		2	2.8	
	Ceiling under attic	T R	oof	<del> </del>							100000000000000000000000000000000000000		
	No Insulation		LT	<del> </del>	10	54	-						
	R-11 Insulation	DK	LT		2.4		24	27	30		9 7	10 8.5	
	R-19 Insulation	DK		1		The state of the s		3.5	3.9	0120	2.5 2	3 2.5	
	R-22 Insulation	DK	-		7 1.5		_	2.2	2.4	2/28	1.5 1.5	2 1.5	224
	R-26 Insulation	DK	_		1.			_	2.1			1.5 1.5	
	R-30 Insulation	DK	-	-	1	1.3		1.6	1.8			1.5 1.2	
	Other			1	-+-	1.1	1.3	1.4	1.6		1.1 .9	1.3 1.0	
	Floor, Concrete Slab		_	Perimeter	C+	+-	-	-					
200	No Edge Insulation			remmeter	35	40	40	15					
	Other			1	- 3	40	40	45	45		0	0	
	Subtotal									David			1.0
	People @ 300 & Appl. @ 1200									1048			568
	Sensible BTUH Gain												570
	Duct BTUH Loss & Gain												1138
	2 In. Flex. or 1 In. Rigid									7.5			
	1½ In. Rigid					.10				705	.10		1139
	Total BTUH Loss					.075				7.3	),	075	-
	Subtotal BTUH Gain									7753			
x 1.3 = Total BTUH Gain													1252
_					~ 1			•		1			1100