


As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ [www.floridabuilding.org](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>1. EXTERIOR DOORS</b>			
A. SWINGING	Tyson Bldg	2 Single & 2 Double	
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
<b>2. WINDOWS</b>	n/a		
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
<b>3. PANEL WALL</b>			
A. SIDING	metal	metal Bldg	
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
<b>4. ROOFING PRODUCTS</b>			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER	metal	metal Bldg	
<b>5. STRUCT COMPONENTS</b>			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS	metal	metal Bldg	
<b>6. NEW EXTERIOR ENVELOPE PRODUCTS</b>			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

  
Contractor or Owner Signature

NOTES: \_\_\_\_\_  
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Air Conditioning ~ Heating ~ Electrical

115 North Railroad Street  
Glennville, GA 30427  
(912) 654-0221



*Helping You Keep Your Cool!*

Manual "N" Load Calculation  
Northside Baptist Church

			Manual N, 5th Edition, Abridged Version • Form N1									
			Project Name	Northside Baptist Church	Heating Design 99% DB	28	Heating Design Space DB	70	Heating Temp. Difference	42		
			Design State	Florida	Cooling Design 1% DB	93	Cooling Design Space DB	75	Cooling Temp. Difference	18		
			Design City	Tallahassee AP	Coincident Wet Bulb	76	Rel Hum Design Space %	50	Design Grains Difference	46		
			Type of Load	Room	Elevation	55	Latitude	30	Daily Range	M		
			Square Feet	2600	AG Volume		Altitude Correction Factor	1	Design Month	Jul & Aug		
									Design Hour of Day	3:00 PM		
Type of Exposure	Construction Number & Description					Panel Faces	HTM		Net Area or Length	Btuh		
							Heating	Cooling		Heating	Btuh Sensible	Btuh Latent
▶ Lookup Windows & Glass Doors	a	1c-cuf-c Double pane, fixed sash, Metal with break				East	26.46	57.44	4.0	106	230	
	b	1c-cuf-c Double pane, fixed sash, Metal with break				West	26.46	74.92	4.0	106	300	
	c											
	d											
	e											
	f											
	g											
	h											
▶ Lookup Skylights	a											
	b											
	c											
	d											
	e											
▶ Lookup Wood & Metal Doors	a	11J Metal, Fiberglass Core				East	25.20	18.60	40.0	1,008	744	
	b	11J Metal, Fiberglass Core				West	25.20	18.60	40.0	1,008	744	
	c											
▶ Lookup Above Grade Walls	a	12E-0sm Frame wall, Metal studs, R-11 cavity, wood sheathing, siding				East	4.33	3.19	400	1,730	1,277	
	b	12E-0sm Frame wall, Metal studs, R-11 cavity, wood sheathing, siding				West	4.33	1.85	400	1,730	742	
	c	12E-0sm Frame wall, Metal studs, R-11 cavity, wood sheathing, siding				North	4.33	1.34	400	1,730	536	
	d	12E-0sm Frame wall, Metal studs, R-11 cavity, wood sheathing, siding				South	4.33	2.58	400	1,730	1,030	
	e											
	f											
	g											
	h											
Partition Walls	p1											
	p2											
▶ Lookup Ceilings	a	17A-15m Metal deck plus R-15 board, no ceiling					2.56	1.45	2,600	6,661	3,765	
	b											
	c											
▶ Lookup Floors	a											
	b											
	c											
	d	20BP-3CF-19 3" Cement-Fiber Slab, R-19 Blanket below Floor					1.43	0.41	2,600	3,713	1,061	
	e											
	f											
▶ Lookup Internal	a	Lighting Fixtures									437	
	b	Occupants & Plants									300	550
	c	Office Equipment										
	d	Food Service Equipment and Investigated Loads										
	e	Blower Heat (Building Load)										
▶ Lookup	Infiltration											
▶ Lookup	Supply Duct Load						0.054	0.040		1,063	451	
	Return Duct Load						0.029	0.021		582	239	2,061
▶ Lookup	Ventilation Loads							CFM	6,000	277,200	118,800	187,680
▶ Lookup	Blower Heat (Equipment Load)										581	
							Total Loads			298,348	131,235	190,291

Owner/Operator  
Stuart R. Bland

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