

*Meridian Engineering, P. A.*

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*809 Rhem Street*

*Kinston, North Carolina 28501*

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March 18, 2020

Mr. Banks Wallace, Chief Deputy Fire Marshal  
% Harnett County Development Services  
Central Permitting Division  
108 E. Front Street, P. O. Box 65  
Lillington, N. C. 27546

Ref: Lillington Grace Church of the Nazarene  
401 South Street  
Lillington, N. C.

Dear Mr. Wallace:

Reference you note via email dated March 11, 2020, "Must submit fire alarm and sprinkler plans due to Occupant Load >300 as well as mixed use.....". Please refer to the attached Life Safety System Requirements that are part of the submittal. The points that I submit for your consideration are:

1. All of the building is considered A-3 Occupancy per NCBC Section 305.1.1 Accessory to Places of Religious worship.
2. The Occupant load per the attached is now 280 occupants. The occupancy has never been submitted above 292 occupants. This does not require a sprinkler system. Refer to NCBC Section 903.2.1.3 Exceptions(3), none of these requirements apply here.

With this letter, the Attachment becomes a part of the submittal and supercedes the information on Drawing B-2.

If you have any questions or if I may be of further assistance, please feel free to call.

Sincerely,

A handwritten signature in cursive script that reads "William A. Gold".

William A. Gold, P. E.

WAG/ilo

Attachment (1)

CC: Pastor Timothy Eyring  
Mr. Brad Byers

LIFE SAFETY SYSTEM REQUIREMENTS

(Part + Dwg B-2)

- Emergency Lighting:  No  Yes
- Exit Signs:  No  Yes
- Fire Alarm:  No  Yes
- Smoke Detection Systems:  No  Yes  Partial \_\_\_\_\_
- Panic Hardware:  No  Yes

EXIT REQUIREMENTS  
NUMBER AND ARRANGEMENT OF EXITS

FLOOR, ROOM OR SPACE DESIGNATION	MINIMUM <sup>2</sup> NUMBER OF EXITS		TRAVEL DISTANCE		ARRANGEMENT MEANS OF EGRESS	
	REQUIRED	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQUIRED DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS
A-3	2	2	200	42'	38'	83'-10"

EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(a) AREA sq. ft.	(b) AREA PER OCCUPANT (TABLE 1004.1.1)	CALCULATED OCCUPANT LOAD	(c) EXIT WIDTH (in)					
				EGRESS WIDTH PER OCCUPANT (TABLE 1005.1)		REQUIRED WIDTH (SECTION 1005.1) (a - b) x c		ACTUAL WIDTH SHOWN ON PLANS	
				STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
A-3*	4,204	UNCONCENTRATED	280**	0.30	0.20	N/A	35"	N/A	108"
		TABLES & CHAIRS 15 SQ. FT. / PERSON							

\* EXCLUDES STORAGE ROOM, REST ROOMS.  
\*\* PER SECTION 305.1.1 ACCESSORY TO PLACES OF RELIGIOUS WORSHIP  
NO SPRINKLER REQUIRED BECAUSE LESS THAN 300 OCCUPANTS.

BUILDING HAS 5,000 SF ACTUAL GROSS AREA.

FELLOWSHIP HALL AND SANCTUARY WILL NOT BE USED SIMLTANEOUSLY.

AREA SUMMARY

SANCTUARY	2,589 SQ. FT.
SANCTUARY/FELLOWSHIP HALL	825 SQ. FT.
SUNDAY SCHOOL CLASSROOM	790 SQ. FT.
REST ROOMS/ STORAGE	796 SQ. FT.

TOTAL 5,000 SQ. FT.

