



## Fire Marshal Division

June 23, 2020

Timothy Eyring  
1293 Titan Roberts Rd.  
Lillington, NC 27546

**Re: Lillington Grace Church of the Nazarene  
NC 401 Hwy S.  
Lillington, NC 27546**

### **Application Number BCOM2001-0001**

To Whom It May Concern,

Thank you for submitting the plans for the new church. The plans have been carefully reviewed by a qualified code enforcement official to examine for compliance with the North Carolina Fire Prevention Code and all other fire protection regulatory documents. There are some items that were found during the plan review process that need to be addressed before a final inspection of the new facility can be given. These items are outlined and described below.

- **Fire Extinguishers**
  - Minimum of (1) 2A10:BC fire extinguisher shall be installed per 75' distance of travel.
  - All fire extinguishers shall be properly mounted and tagged by a fire extinguisher company.
  
- **Panic Hardware**
  - UL 305 listed panic hardware is required on exit doors serving a room/space with an occupant load >50, also indicated on Building code summary. Panic hardware is not included on door schedule sheet B8 of Drawings.
  
- **Occupant Load Calculations and Posting**
  - The occupant load posting shall be provided by the Fire Marshal's Office at fire final inspection.
  - The occupant load on the plans still remains incorrect and should be posted, calculated, and corrected on the as built drawings based on the most recent revision to reflect the following details provided:
    - **Sanctuary Side** – Assembly (A-3) areas include the Warming Room



(293 ft<sup>2</sup>), Classroom (143 ft<sup>2</sup>), Sanctuary (986 ft<sup>2</sup> excludes aisle area), Cry Room (48 ft<sup>2</sup>), and second Warming Room (251 ft<sup>2</sup>). The total for this area is 1721 ft<sup>2</sup> and has a calculated occupant load of 246.

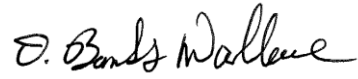
- Additional areas on the Sanctuary Side include a Pulpit (198 ft<sup>2</sup> = 14) Storage room (168 ft<sup>2</sup> = 1 person) and Sound (31 ft<sup>2</sup> = 1 person)
  - The total occupancy load to be posted on the Sanctuary Side is **262 persons.**
  - **Foyer Side** – These calculations are accepted and will suffice.
- **Means of Egress**
    - Means of egress and number/width of exits is not sufficient based on the occupant load of 450 persons. Two 3'6" egress door are noted which does not allow sufficient egress width (90" is needed based on 450 x 0.2)
    - Adding an exit door shall have a minimum clear width of no less than 32 inches.
    - Sizing of the doors to include double doors where single doors are shown could be an option as well, as long as eliminating one exit does not reduce the exit capacity by 50% or more.
  - **Means of Egress Illumination**
    - The means of egress, including the exit discharge, shall be illuminated at all time the building space is served by the means of egress is occupied.
    - Means of egress consist of three separate and distinct parts: the exit access, the exit and the exit discharge.
    - The means of egress illumination shall not be less than 1 foot-candle at the walking surface.
  - **Rated Wall Identification**
    - Rated walls shall be permanently identified with signs or stenciling.
    - **Example: "2 Hour Fire Barrier Protect All Openings"**
  - **Notes**
    - A final fire inspection is required.
    - Aisle will need to be designated/maintained as the design plans indicate.
    - Door swings on the interior fire-rated double door should be reversed as noted on the plans.
    - **Schedule all fire inspections through the Fire Marshal's Office. (910) 893-0742**

Thank you again for submitting the plans for the new church. Please review the plans and adhere to any notes and alterations that were made in addition to the original



drawings. These remarks are for the plans that were submitted and its original intent. These remarks do not apply if the original intent changes or what was submitted on the above date changes. If you have any questions, please do not hesitate to call this office.

Sincerely,



D. Banks Wallace  
Chief Deputy Fire Marshal