



## Fire Marshal Division

December 16, 2019

D. R. Patel / R. L. Runyans

**Re: Krigen Pharmaceuticals  
800 Edwards Brothers Dr.  
Lillington, NC 27546**

**Application Number FMFW1912-0002**

To Whom It May Concern,

Thank you for submitting the plans for the building renovations. 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) 2A:10BC fire extinguisher shall be installed not to exceed 75' distance of travel.
  - All Fire extinguishers shall be properly mounted and tagged by a fire extinguisher company.
- **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.
- **Access-controlled egress doors.**
  - The entrance doors in a *means of egress* in buildings with an occupancy in Group A, B, E, I-2, M, R-1 or R-2 and entrance doors to tenant spaces in occupancies in Groups A, B, E, I-2, M, R-1 and R-2 are permitted to be



equipped with an *approved* entrance and egress access control system which shall be installed in accordance with all of the following criteria:

1. A sensor shall be provided on the egress side arranged to detect an occupant approaching the doors. The doors shall be arranged to unlock by a signal from or loss of power to the sensor.
2. Loss of power to that part of the access control system which locks the doors shall automatically unlock the doors.
3. The doors shall be arranged to unlock from a manual unlocking device located 40 inches to 48 inches (1016mm to 1219 mm) vertically above the floor and within 5 feet (1524 mm) of the secured doors. Ready access shall be provided to the manual unlocking device and the device shall be clearly identified by a sign that reads "PUSH TO EXIT." When operated, the manual unlocking device shall result in direct interruption of power to the lock— independent of the access control system electronics—and the doors shall remain unlocked for a minimum of 30 seconds.
4. Activation of the building fire alarm system, if provided, shall automatically unlock the doors, and the doors shall remain unlocked until the fire alarm system has been reset.
5. Activation of the building automatic sprinkler or fire detection system, if provided, shall automatically unlock the doors. The doors shall remain unlocked until the fire alarm system has been reset.

- **Fire Alarm System Shop Drawings**

- Shop drawings from the licensed installing contractor shall be submitted prior to work beginning.
- A rough in inspection is required.
- A final acceptance test is required. (100%)

- **Sprinkler System Shop Drawings**

- Sprinkler system shop drawings shall be submitted by the installing contractor prior to work beginning.
- A rough in inspection is required.
- A final acceptance test is required.

- **Identification**

- Walls and partitions required to have protected openings shall be permanently identified with signs or stencils. **(Example "2- hour Fire Barrier Protect All Openings")**



- Notes
  - A final fire inspection is required.
  - Please submit an occupancy load for the building as none is shown on the plans that were submitted.
  - Please clarify what exits will be utilized to egress occupant loads from spaces. One sheet shows multiple exits, while the electrical plan only shows select exits marked as emergency exits.
  - Please ensure all exits in the paths to an emergency exit is swinging in the direction of egress.
  - Schedule all fire inspections through the Fire Marshal's Office. (910) 893-0742

Thank you again for submitting the plans for the building renovations. 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