

Plan Review Summary

Building Information

Project Name:	Nelson and Shell Apartments-Fire Alarm Upgrade Project	Floor/Room #:	
Building #:	064	Department:	GT Housing
Occupancy Type:	Business	Budget:	\$600,000.00
Construction Type:	IIB	Type of Review:	Fire Alarm

Project Management

Project Manager:	Spencer Sheffield
Architect/Engineer of Record:	Fisher Engineer
Construction Manager:	Spencer Sheffield
Aim Project Number:	0224-2019

Reviewer Information

Reviewer Name:	Jake LeJeune	Date Received:	4/15/2019
Disposition:	Declined	Date Completed:	4/18/2019

Status Statement

Note: Fire Alarm Up-grade

Review Comments:

1. Please provide a complete set of battery calculations for the all NACs and power supplies per 2013 NFPA 72.
2. Please provide voltage drop calculations in accordance with the 2013 edition of NFPA 72.
3. There appears to be horn/strobes in multiple corridors that are spaced beyond the maximum distance of 100 feet as required per 2013 edition of NFPA 72.
4. There is an area where 2 corridors meet at multiple levels where a horn/strobe needs to be relocated to the center providing coverage for both corridors, or a second horn/strobe needs to be added.
5. Please show compliance with ADA requirements and have all strobes set and calculated at a minimum of 75 candella.
6. Please provide manufacturer specifications for all equipment applicable to this fire alarm permit.

General Note:

1. Inspection requests: <http://www.ehs.gatech.edu/fire/inspection-request>
2. Hot Work Permit Request: http://www.ehs.gatech.edu/fire/permit-request/hot_work

Inspections Required:

1. Fire Safety Office Project Kick-Off Meeting
2. 80% Ceiling, Alarm, Sprinkler (vertical penetrations, junction boxes, lights tied at corners, sprinkler and fire alarm roughed in, etc.)
3. 100% Construction, Alarm Commissioning, Sprinkler Commissioning, Certificate of Occupancy (all work complete, commissioning of systems, close-out documents, etc.)

Permits Required:

1. Fire Alarm; 2019-PR-114