Georgia Tech Environmental Health & Safety
Fire Safety

151 Sixth Street, Suite 341
Atlanta, Georgia 30332
404-894-FIRE (3473)

Plan Review Summary

Building Information

Project Name:	Georgia Tech Police Safety Facility-Fire Alarm	Floor/Room #:	1st floor
Building #:	151	Department:	BT
Occupancy Type:	Business	Budget:	$230,000
Construction Type:	IIB	Type of Review:	Fire Alarm

Project Management

Project Manager:	Robert Hazen
Architect/Engineer of Record:	Corey Ranic
Construction Manager:	Chris Sanders
Aim Project Number:	BR 30 1607

Reviewer Information

Reviewer Name:	Jake LeJeune	Date Received:	5/17/2018
Disposition:	Declined	Date Completed:	5/21/2018

Status Statement

Note: Fire Alarm System for Georgia Tech Police Safety Facility

Review Comments:

1. Sheet FA-01: Please revise the duct smoke detector signal to supervisory signal not fire alarm signal on the systems output chart.
2. Please show compliance with the 2013 edition of NFPA 72 18.5.5.5.5, corridor notification appliances shall be spaced a minimum of 100 feet between devices and a minimum of 15 feet from the end of the corridor. It appears that there is locations that need to be revised on the plans.
3. Room 280: please show compliance with the 2013 edition of NFPA 72 18.5.5.4.1, and increase the candela from 30 to 60.
4. Please provide a partial automatic detection system consisting of smoke detectors in common areas, lobbies, corridors, stairs, mechanical spaces and normally unoccupied areas in accordance with the Georgia Tech Yellow Book Standard 283100 Fire Detection and Alarm and the 2012 edition of IFC 907.2.9.3. If ambient conditions prohibit the use of smoke detectors an approved heat detector shall be used; also provide a weatherproof strobe on the building exterior near the designated entrance.
5. Please revise to the 2012 edition of the International Fire Code on the cover sheet.
6. Please provide a pull station next to the 2nd floor stair enclosure 213 in accordance with the 2012 edition of IFC 907.4.2 and the 2013 edition of NFPA 72.

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

Additional Requirements *(as needed)*:

1. Fire Emergency Response Plans
2. Red Book Completion and Fixed Location Designation

Plan / Shop Drawings Required:

1. Fire Suppression

2. Fire Alarm

Inspections Required:

1. Fire Safety Office Project Kick-Off Meeting
2. Thrust Block Inspections
3. Underground Pressure Test
4. System Flush
5. Sprinkler Pipe Inspections
6. Rough-in
7. 50% Wall (Rated walls, doors, dampers, horizontal penetrations, etc.)
8. 80% Ceiling, Alarm, Sprinkler (vertical penetrations, junction boxes, lights tied at corners, sprinkler and fire alarm roughed in, etc.)
9. 100% Construction, Alarm Commissioning, Sprinkler Commissioning, Certificate of Occupancy (all work complete, commissioning of systems, close-out documents, etc.)

Permits Required:

1. Demolition
2. Construction / Interior Renovation
3. Fire Suppression System
4. Fire Alarm

Permits Issued:

1. Demolition
2. Construction / Interior Renovation
3. Fire Suppression System
4. Fire Alarm