

Plan Review Summary

Building Information

Project Name:	NEETRAC Phase IV Expansion Building	Floor/Room #:	New Building
Building #:	777	Department:	NEETRAC
Occupancy Type:	Other	Budget:	\$1,800,000
Construction Type:	IIB	Type of Review:	Construction

Project Management

Project Manager:	Kynthia Gaines
Architect/Engineer of Record:	Stuart Thiel, Plexus R + D Architecture
Construction Manager:	Kynthia Gaines
Aim Project Number:	0410-2017

Reviewer Information

Reviewer Name:	Jake LeJeune	Date Received:	1/4/2019
Disposition:	Declined	Date Completed:	1/9/2019

Status Statement

Note: New Construction

Review Comments:

1. Please provide all fire extinguisher locations throughout the building on the life safety plan; also provide unit of A calculations in accordance with the 2012 edition of IFC and NFPA 10; fire extinguishers shall be spaced at 75' travel distance.
2. Please classify the business occupancy as ordinary hazard and provide the classification of hazard of contents for the industrial occupancy per 2012 edition of NFPA 101.
3. Please acknowledge that an automatic fire sprinkler system and a complete fire alarm system shall be required and a separate permit is required as well.
4. RTU-4 shall have a duct smoke detector in the supply per 2012 edition of Mechanical Code and NFPA 90A. Please show compliance; FYI, the duct smoke detector shall initiate a supervisory signal on the FACP.
5. Please provide Gas plans and provide an isometric with dimensions of pipe, length, table used for sizing pipe, etc.
6. Please provide an approved method of fire stopping detail for all through penetrations in fire rated construction.
7. Please provide all SDS for chemicals and provide the quantities of each in the chemical inventory list.
8. Please provide the classification of the lab in accordance with NFPA 45.
9. Please provide the type and quantity of gas cylinders for the lab and verification of mechanical and ventilation systems for the lab.
10. The electric room 248 has a transformer. This room shall be at least a 1hr enclosure with automatic fire sprinklers and include doors that swing outward and have panic hardware; also at least a 45 minute door is required. Please show compliance.
11. Please provide the manufacturer specifications for equipment listed on sheet A1.40.
12. Please include a knox box location for the building.
13. Is there going to be any rack storage in the warehouse area? If so, please provide information.

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
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