

## Plan Review Summary

### Building Information

Project Name:	Woodruff-Create-X/Design Bloc Interior Renovation	Floor/Room #:	1st floor/Room#111
Building #:	116	Department:	Create-X and Design Block
Occupancy Type:	Dormitory	Budget:	\$945,663
Construction Type:	IIB	Type of Review:	Construction

### Project Management

Project Manager:	Thomas Schneider
Architect/Engineer of Record:	Becky Williams
Construction Manager:	Thomas Schneider
Aim Project Number:	0496-2018/PJ00000216

### Reviewer Information

Reviewer Name:	Jake LeJeune	Date Received:	11/12/2019
Disposition:	Declined	Date Completed:	11/20/2019

### Status Statement

Note: Interior Renovation: Assembly and Industrial Space; Maker Space

### Review Comments:

1. Please provide the manufacturer specifications of all equipment including the 3D-printers and wood saw; also, indicate what type of materials the 3D-printers will be using: wood, metals?
2. Please provide a dust collection system for the combustible dust being produced by the equipment.
3. Please provide all SDS of all chemicals and gases in the Maker Space; provide the type of metals being used.
4. Sheet 08.01: provide the candela ratings of all strobe devices on the plan; please include battery calculations and voltage drop calculations; please provide smoke detectors in the following rooms: Mechanical room 101- 2 smoke detectors; laundry room 102 and closet; janitor 106; mechanical room 104; ADA restroom 107; janitor, ladder to roof 112; mechanical room 113 and closet; storage closet by mechanical room 113.
5. Sheet 02.01: Maker Space is shown to be Light Hazard and should be classified as Ordinary Hazard Group II in accordance with NFPA 13.
6. The Maker Space is classified as a Business Occupancy and should be classified as a General Industrial Occupancy in accordance with the 2012 edition of NFPA 101.
7. Please indicate if the maker space and the assembly occupancy is going to be considered mixed or separated in accordance with the 2012 edition of NFPA 101. If it is going to be separated, show compliance with section 508.4 of the 2012 edition of the IBC and provide fire separation accordingly.

### 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](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. 50% Wall (Rated walls, doors, dampers, horizontal penetrations, etc.)
3. 80% Ceiling, Alarm, Sprinkler (vertical penetrations, junction boxes, lights tied at corners, sprinkler and fire alarm roughed in, etc.)
4. 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

