



**Colorado Department of Public Safety
Division of Fire Prevention and Control**
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Lakewood, CO 80215
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<http://dfpc.state.co.us>



DFPC Permit P-32180

FIRE CODE PLAN REVIEW

Fire Inspector III – Plans Examiner State Certification Required

Project:	Partnerships/Futures Lab Project		
Address:	1630 Stover Street	City:	Fort Collins
		Zip:	80525
School District:	Poudre School District		
Scope Description:	Change of occupancy and building modifications with a fire alarm upgrade		
Submittal Description (i.e. permit, preliminary, revision):	review		
Document Date:	10-20-2020		
Fire Jurisdiction:	Poudre Fire Authority		

These plans have been reviewed in accordance with the Fire Code adopted by the State of Colorado, Department of Public Safety – Division of Fire Prevention and Control. The plans are (Check all that apply):

- APPROVED
- APPROVED WITH COMMENTS (Attach Comments) – No Response Required
- NOT APPROVED (Attach Corrections) – Response Required
- FIRE CODE REVIEW AND/OR INSPECTION NOT REQUIRED
- DEFERRED SUBMITTALS REQUIRED – Plans must be submitted and approved prior to inspections.
 - Fire Sprinkler / Standpipe
 - Fire Detection and Alarm
 - Kitchen Hood Suppression
 - Other:

- INSPECTIONS REQUIRED
- INSPECTIONS NOT REQUIRED

In accordance with C.R.S. 22-32-124 and 23-71-122, this completed form, and any comments, must be returned to the Division of Fire Prevention & Control within twenty business days upon receipt of the complete submittal. An extension may be requested from the Division of Fire Prevention & Control.

Reviewer	Roger Smith	Fire Inspector Certification #	156700560
Reviewer Signature:	<i>Roger Smith</i>	Date:	3/2/2021
		This form not valid unless signed	

COMMENTS



Poudre Fire Authority

102 Remington Street

Fort Collins, Co 80524

Phone 970-416-2891 Fax 970-221-6635
 Construction Permit and Inspection Record

Occupant Name:	Futures Lab	Job Number:	201020003
Address:	1630 Stover Street , CO	Permit Number:	201020003-P01
Suite:		Permit Issued On:	10/20/2020
Contractor:	Poudre School District Jason Lee	Permit Expires On:	10/20/2021
Project Cost:	\$70,000.00		
Inspections Required:	Tenant Finish Final (Building and Systems)		
Job Description:	P-0032180 - Change of occupancy and building modifications with fire alarm upgrade		

Permit: Tenant Finish

Please request inspections online at <https://bit.ly/2QgPOGe> a minimum of 2 business days in advance of the requested date. For large or complex projects please schedule a minimum of 2 weeks in advance so appropriate final inspection staffing can be coordinated. The General Contractor is responsible for ensuring that all required sub-contractors are present at final inspection. This would include all system contractors. Preferably the installing technician should represent the contractor.

This permit contains general benchmarks and comments that shall be addressed in addition to all requirements of the International Fire Code, referenced standards, amendments and other supporting documents referred to in these benchmarks. These benchmarks and comments are not all inclusive. It is the responsibility of the party who possesses this permit to maintain compliance with all associated codes, standards, requirements herein and project documents. Final inspections are required and any work found to be non-compliant must be addressed prior to final approval by the Poudre Fire Authority.

Permit Benchmarks

General Requirements	Date Rejected	Insp.	Date Accepted	Insp.
Building address shall be clearly visible from the street (minimum size of 8 inch letters/numbers). Monument signs are an acceptable alternative. Exterior suite entrances shall have minimum size of 4 inch letters/numbers.				
Individual rooms such as Riser Rooms, Main Electrical Rooms, Mechanical Rooms, etc., shall have proper signage.				
Due to change of use, this building shall be fire separated into fire areas that are less than 5000 square feet. See sheet A0.0				
Emergency Access Easements shall have proper Fire Lane Signage				

Fire Protection Systems	Date Rejected	Insp.	Date Accepted	Insp.
Existing fire alarm system to be upgraded to Voice/Evacuation				

<p>System. Any alterations to an existing system shall require a separate submittal to PFA by the installing contractor</p> <ul style="list-style-type: none"> No work shall begin on the system until a PFA Systems Permit has been issued. Copies of Records of Completion for all fire protection systems must be provided to Poudre Fire Authority by the installer at final inspection. 				
<p>Systems requiring a separate submittal.</p> <ul style="list-style-type: none"> Fire Alarm System 				
<p>Fire extinguishers shall have a minimum rating of 2A:10BC and comply with Chapter 9 of the International Fire Code (IFC) and NFPA 10. They shall be mounted, unobstructed/visible and have a signed and dated inspection tag. Maximum travel distance from any given point in the structure to a fire extinguisher shall be no greater than 75' . .</p>				
<p>Air handling units providing more than 2,000 CFM require duct detection in accordance with Chapter 9 of the IFC and NFPA 90A. Duct smoke detectors shall perform the intended fire safety function in accordance with the IFC and the International Mechanical Code. If the building is equipped with a fire alarm system, activation of a duct smoke detector shall initiate a visible and audible supervisory signal at a constantly attended location. In occupancies not required to be equipped with a fire alarm system, actuation of a smoke detector shall activate a visible and audible signal in a location approved by the Fire Code Official and the signal shall be identified as air duct detector trouble. The detectors shall be located in accordance with NFPA 72.</p>				

Emergency Lighting Requirements	Date Rejected	Insp.	Date Accepted	Insp.
<p>The required means of egress, including the exit discharge, shall be illuminated at all times the space served is occupied.</p>				
<p>Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. Placement shall be such that no point in hallways and corridors shall be more than 100 feet from an exit sign.</p>				
<p>In the event of power failure, the exits signs and the egress lighting shall have an emergency power source, which will be tested at the final inspection.</p>				
<p>Other rooms requiring emergency lights.</p> <ul style="list-style-type: none"> Main Electrical Rooms Generator Rooms Public Restrooms greater than 300 square Feet 				

No electrical plans were submitted. All provisions of this benchmark shall be met. It is the responsibility of the General Contractor to insure that the Electrical Contractor receive the requirements of this benchmark.

Fire Resistive Construction

- All fire walls, fire barriers, fire partitions, smoke barriers and smoke partitions or any other wall required to have protective openings shall be effectively and permanently identified. **Reference IBC section 703.7.**
- All fire and smoke resistant construction shall be protected with approved methods. **Reference IFC chapter 7.**
- Fire rated doors must have appropriate listing/rating labels, closers, smoke seals and shall latch from the full-open position. **Reference IFC section 705.**

Door Locking Devices

Date Rejected	Insp.	Date Accepted	Insp.
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Required egress doors shall be readily open-able from the egress side with a single motion and without the use of a key or special knowledge or effort. Dead bolts are not allowed. Exceptions: #1 - dead bolts are allowed as part of a mortise lock function.

Fire doors shall close and latch automatically from any position.

Fire doors shall not be propped open. If there is any intention to prop open fire doors it is recommended that magnetic hold open devices that release on any fire alarm be installed.

Emergency Responder Radio Coverage

Date Rejected	Insp.	Date Accepted	Insp.
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New and existing buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communications system.

- An analysis shall be performed by an approved, qualified contractor to determine the strength of the Emergency Responder Radio Coverage.
- This analysis shall be performed when the basic structure is in place, but before completion of the building to allow for installation of an amplification system if needed.
- Test results must be provided to the PFA in order to determine the need for an amplification system.
- Generator Rooms
- If an amplification system is required, a separate Systems Permit application will be submitted to PFA by the installing contractor.

Knox Box Requirements	Date Rejected	Insp.	Date Accepted	Insp.
This building has an existing Knox Box. A set of keys shall be provided at the final inspection. PFA will provide color coded key tags.				

Final Inspection Required	Date Rejected	Insp.	Date Accepted	Insp.

POST THIS PERMIT ON THE JOB SITE.