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FIRE SPRINKLERS
SCALE: 3/8" = 1'

MEP SCOPE OF WORK

1. Electrical Demolition
- a. Demolish power and data circuits and wires in closet wall to be demolished.

b. Remove floor outlets under desk. Conduit under slab may remain, fill hole with grout even to existing floor.
2. Electrical Installation
- a. Install 8 duplex power outlets in new room dividing wall. Existing outlets on the side walls to remain.

b. Relocate projector power and data lines to the new desk location.

c. Install under slab conduits, circuits and floor boxes as shown.

d. Supply and install new recessed lights. Existing troffers to remain.

e. Supply and install one combo emergency light.

f. Relocate existing thermostat by the hall door.

g. Supply and install new room occupancy sensor, match existing.
3. Fire Protection
- a. The wall will be directly in line with 2 sprinkler heads. Supply and install 2 new sprinkler heads, relocate 2 existing heads.

b. Relocate smoke detector as shown.
4. HVAC
- a. Replace 3 diffusers with Titus T₃ VAV Digital Diffuser.

b. Supply & install power module and controller / thermostat.

c. Relocate 1 diffuser as shown, extend hard duct as needed.

SYMBOL	MEANING
	SMOKE DETECTOR (EXIST)
	EXISTING SPRINKLER
	NEW SPRINKLER

Fire Sprinkler Notes

1. Installation will comply with NFPA 13 (2013) and all other codes and applicable standards.
2. Sprinkler contractor (SC) will move 2 sprinkler heads away from the new wall as shown.
3. SC will install 2 new heads from the same main branch to service the opposite side of the wall.
4. SC will check flow calculation to insure adequate flow is available for the extra heads.
5. SC shall call for and be present at all required inspections.



Department of Community Affairs
Construction Project Review
Project No: 9052-17
Partial Release Sprinklers
Fire
John Marold
Released: 05/10/17
N.J.S.A. 52:27D-119 ET SEQ., AS AMENDED



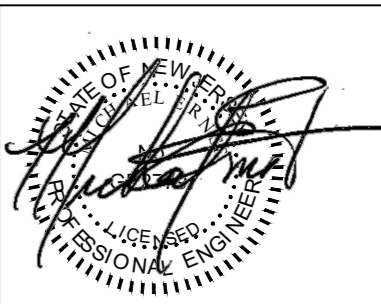
Topken Language
Lab Alteration
Project Number
2016-01-02C



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Issue Date: 2/15/2017

Revisions:

SHEET

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Fire Notes