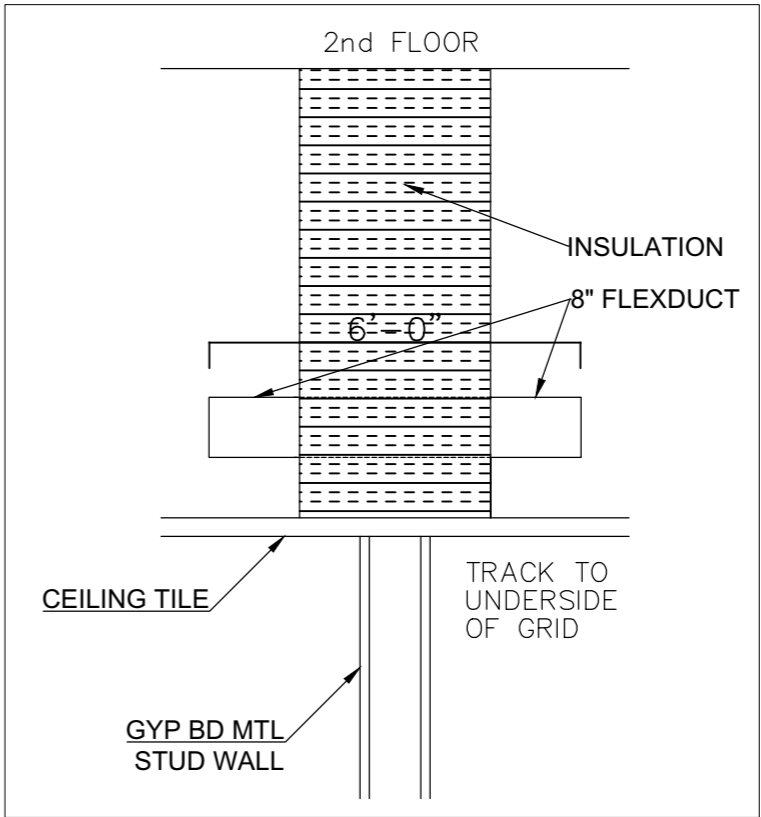


1 HVAC REFLECTED CEILING PLAN  
SCALE: 1/4" = 1'

HVAC Notes

1. Mechanical Contractor (MC) shall comply with the 2014 International Mechanical Code and all other local codes and regulations.
2. MC shall supply and install one master Titus T<sub>3</sub> Digital VAV Diffuser and 2 Drones along with one power supply, room temperature sensor and all interconnecting wiring. Equal products shall be approved by the engineer.
3. The system shall work as a stand-alone system. Programs will adjust air flow to increase or decrease room temperature depending on the season.
4. Equal systems may be substituted, but all equipment must be by the same manufacturer.
5. MC will lay 2 pieces of 8" flex duct through the sound baffle insulation to conduct return air back to the unit and still muffle sound.



2 SOUND BAFFEL DETAIL  
SCALE: NTS

SYMBOL	MEANING
	SMOKE DETECTOR (EXIST)
	EXISTING SPRINKLER
	NEW SPRINKLER
	EXIT COMBO LIGHT
	RECESSED LIGHT ASPECTLED AL-RL-UTR-6-N
	PROJECTOR
	OCCUPANCY SENSOR
	NEW DIFFUSER TITUS T3 SERIES VAV DIGITAL DIFFUSER OR EQUAL
	EXIST DIFFUSER
	EXIST TROFFER

MEP SCOPE OF WORK

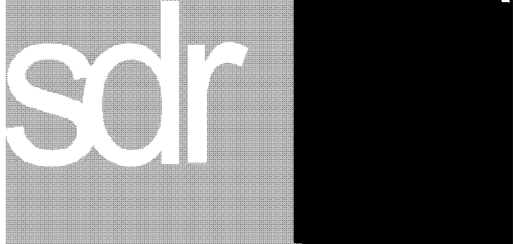
1. Electrical Demolition
  - a. Demolish power and data circuits and wires in closet wall to be demolished.
  - b. Remove floor outlets under desk. Conduit under slab may remain, fill hole with grout even to existing floor.
2. Electrical Installation
  - a. Install 8 duplex power outlets in new room 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 T<sub>3</sub> VAV Digital Diffuser.
  - b. Supply & install power module and controller / thermostat.
  - c. Relocate 1 diffuser as shown, extend hard duct as needed.



Department of Community Affairs  
Construction Project Review  
Project No: 9052-17  
partial release  
mechanical  
Thomas Williams  
Released: 03/29/17  
N.J.S.A. 52:27D-119 ET SEQ., AS AMENDED



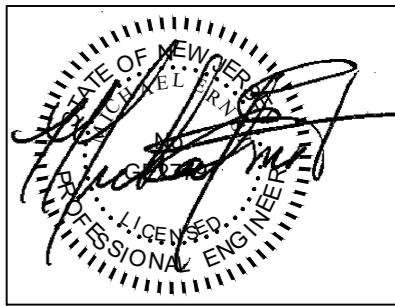
Topken Language  
Lab Alteration  
Project Number  
2016-01-02C



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Revisions:

SHEET

H - 1

HVAC Changes