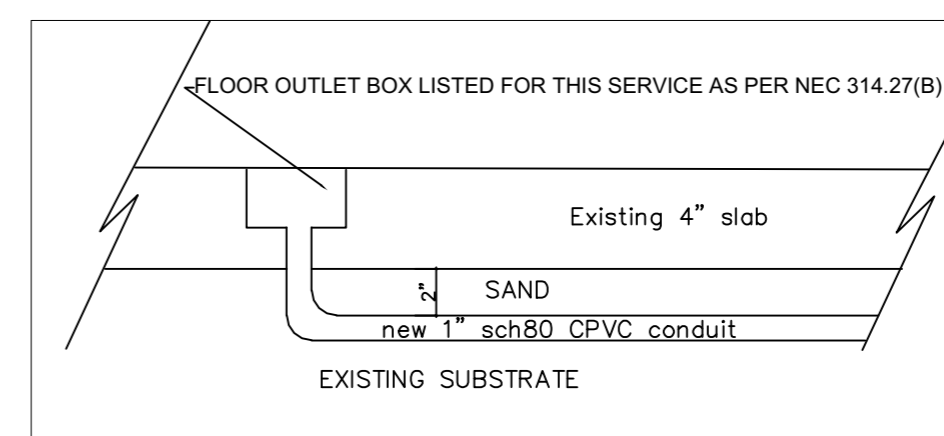


1 POWER FLOOR PLAN
SCALE: 1/4" = 1'

MEP SCOPE OF WORK

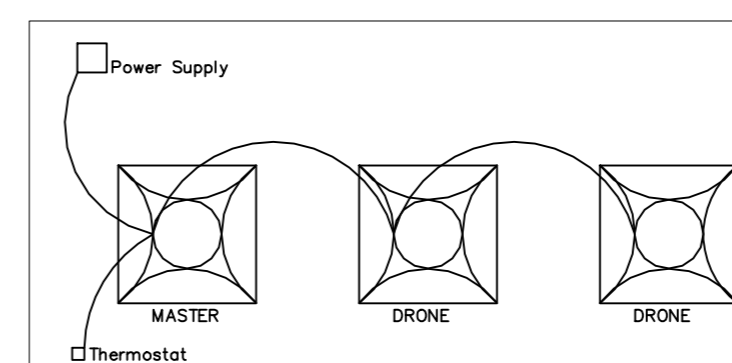
1. **Electrical Demolition**
 - a. Demolish power and data circuits and wires in closet wall to be demolished.
 - b. Remove floor outlets under desk. Conduit under slab may remain, fill hole with grout even to existing floor.
2. **Electrical Installation**
 - a. Install 8 duplex power outlets in new 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.



2 FLOOR OUTLET
SCALE: N.T.S.

Electrical Specifications

1. The Electrical Contractor (EC) will install all equipment in compliance with the National Electrical Code 2014 and all governing local codes and regulations.
2. All work will be in a neat and workman like manner with straight conduit runs where ever possible.
3. Barrier Free requirements of N.J.A.C. 5:23-7.2 apply to the installation.
4. Circuits may be combined into conduits provided the wire ampacity is derated according to NEC table 310.15(B)(2)a.
5. EC will call for and be present for all required electrical inspections.
6. All wire will be THWN or equal 75 Degree C copper wire rated for the intended amperage.
7. EC will supply and install 4 new 20A breakers in the nearest panel with spare capacity and supply the floor outlets.
8. Floor boxes and outlets will be specifically listed for that purpose as per NEC 314.28(B) such as Garvin # FBCVSS-1TR-KIT, or equal.
9. New recessed lights shall be AspectLED AL-RL-UTR-6-N or equal.
10. Under floor conduit shall be NMC (PVC) 1" nominal.
11. Rewire lights in each room to go on when the local occupancy sensor detects occupancy.



Department of Community Affairs
Construction Project Review
Project No: 9052-17
ELECTRICAL PARTIAL RELEASE
ONLY ELECTRICAL
Edward Hudak
Released: 03/30/17
N.J.S.A. 52:27D-119 ET SEQ., AS AMENDED



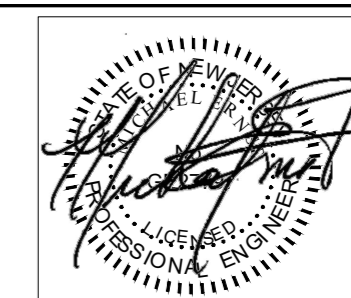
**Topken Language
Lab Alteration**
Project Number
2016-01-02C



SDR Architecture, LLC
704 Route 518
Skillman, NJ 08558
732.547.8626
sderochi@sdrarchitect.com

Steven F DeRochi
AI005911

Michael Ernst, PE, PA
2593 Doris Ave
Union, NJ 07083
908.687.0290



Michael Ernst
GE 27797

Issue Date: 2/15/2017

Revisions:

SHEET

E - 1

Electric Notes