

SHEET PLAN NOTES

1. ALL SUPPLY AND RETURN DUCTWORK SHALL BE INTERNALLY LINED.
2. REFER TO VAV TERMINAL UNIT SCHEDULE.
3. DIFFERENTIAL PRESSURE SENSOR SHALL BE INSTALLED 2/3 THE WAY FROM UNIT TO LAST VAV BOX.
4. ALL RETURN DUCT SHALL BE INTERNALLY LINED.
5. SUPPLY DUCT SPLITS UP INSIDE UNIT ROOF CURB TO MISS EXISTING CONCRETE ROOF STRUCTURE.
6. 14"x14" UP TO EF-01, 12"x12" DN TO 1ST FLOOR.

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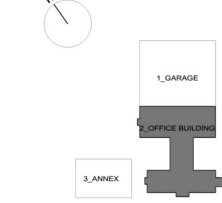
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SUITE 100  
INDIANAPOLIS, IN 46254

**SHEET REVISIONS**

#	DESCRIPTION	DATE
1		

PROJECT NORTH



**16 TECH INNOVATION HUB**  
INDIANAPOLIS, IN

GMP BID SET

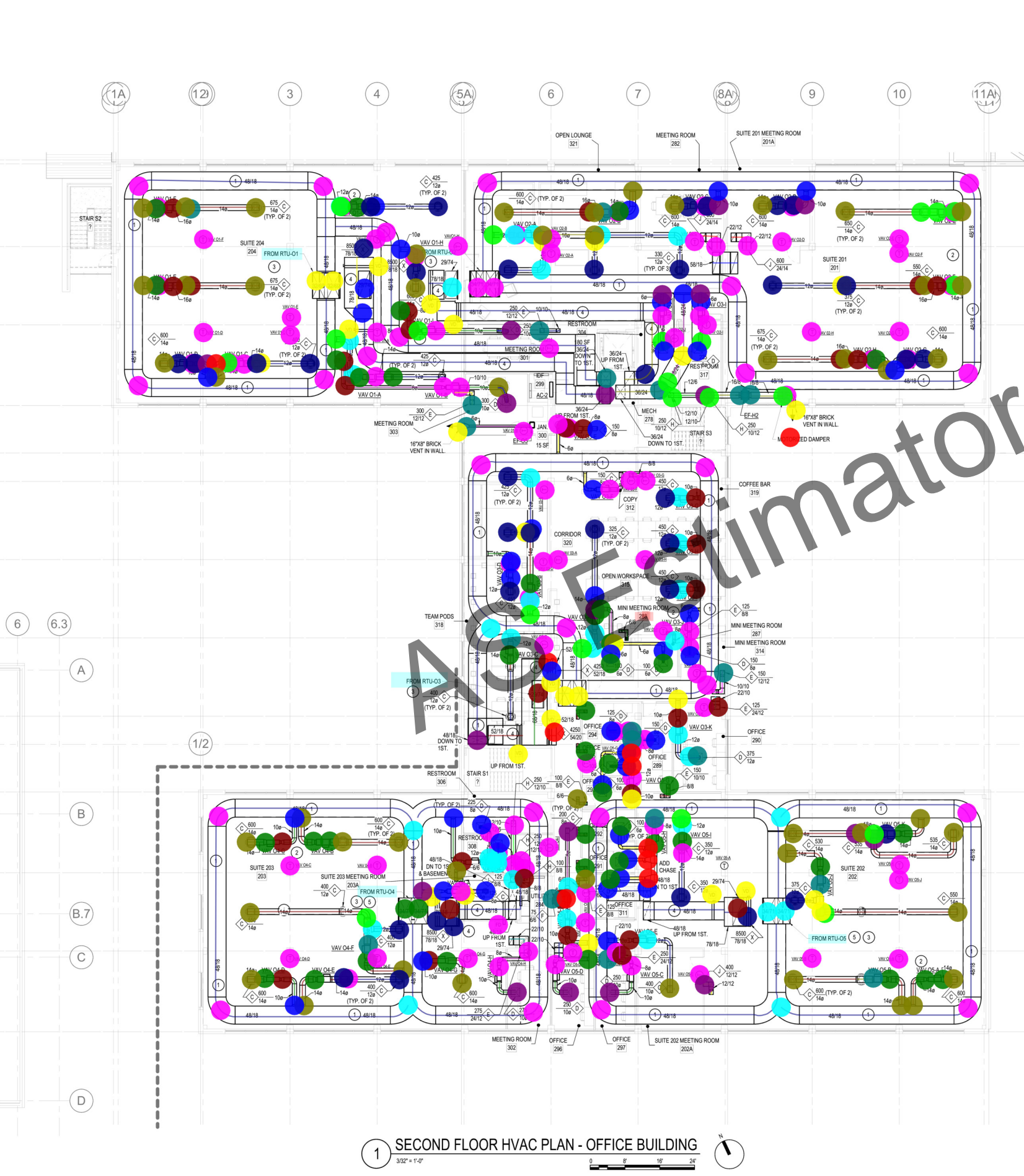
DATE:  
11.22.19

CDG PROJECT #:  
19133

**SECOND FLOOR HVAC PLAN - OFFICE BUILDING**

SHEET NO

**2-H-102**



1 SECOND FLOOR HVAC PLAN - OFFICE BUILDING

3/32" = 1'-0"

0 8' 16' 24'



- (48 x 18) Duct Work
- (36 x 24) Up From First
- (36 x 24) Down to First
- (29 x 74) Return
- Eccentric Duct Transition (48 x 18 to 78 x 18)
- (78 x 18) Duct Work
- (48 x 18) Wye Radius Duct Work Elbow
- (48 x 18) Radius Duct Work Elbow
- (29 x 74) From RTU-03
- (36 x 24) Radius Duct Work Elbow
- (36 x 24) Duct Work
- (48 x 24) Duct Work
- (36 x 24) 45 Degree Radius Duct Work Elbow
- Concentric Duct Transition (36 x 24 to 48 x 24)
- (48 x 24) 45 Degree Radius Duct Work Elbow
- 45 Degree Bevelled Fitting (48 x 18 to 48 x 18)
- Round Ducts
- (14") Diameter Duct Work
- (16") Diameter Duct Work
- (10") Diameter Duct
- (8") Diameter Duct Work
- (12") Diameter Duct Work
- (22 x 10) Duct Work
- (12 x 12) Duct Work
- (6") Diameter Duct Work
- (12 x 6) Duct Work
- Down to First (48 x 18)
- (18") Diameter Duct Work
- From RTU-5 (34 x 71)
- (52 x 18) Duct Work
- (8 x 8) Duct Work
- (68 x 18) Duct Work
- 78/18
- (10 x 10) Duct Work
- 34/71
- 29/74
- 58/18
- 32/69
- Connection
- 14" to 16" Concentric Ductwork Transition
- 14" to 10" Radius Ductwork Elbow
- 14" to 10" Concentric Ductwork Transition
- 14" Radius Ductwork Elbow
- 14" Concentric Ductwork Transition
- 14" to 12" Concentric Ductwork Transition
- 12" to 14" Concentric Ductwork Transition
- 8" Radius Ductwork Elbow
- 12" Radius Ductwork Elbow
- 12" Concentric Ductwork Transition
- 10" Concentric Ductwork Transition
- 8" to 10" Concentric Ductwork Transition
- 6" Dia
- 8" Concentric Ductwork Transition
- 6" Concentric Ductwork Transition
- V-D
- 14" to 16" Radius Ductwork Elbow
- 6" to 8" Concentric Ductwork Transition
- 12" to 16" Concentric Ductwork Transition
- 16/8
- 12/6
- 16/8 to 12/6 Concentric Ductwork Transition
- 16/8 Concentric Ductwork Transition
- MD
- 16/8 Radius Ductwork Elbow
- 12" to 10" Concentric Ductwork Transition
- (22/12) Duct Work
- Tee (6 x 6 x 8) Diameter
- 8" Dia. To 6" Dia. Concentric Connection
- (6") Dia. Concentric Connection
- (8") Dia. Concentric Connection
- (12") Dia. Concentric Connection
- (10") Dia. Concentric Connection
- (14") Dia. Concentric Connection
- (52/18) Duct Work
- (52/18) Duct Work Up
- (48/18) Down to first
- 45 Degree Bevelled Fitting (68 x 18 to 52 x 18)
- (48/18 To 10" Dia) Conical Fitting
- 8" to 6" Concentric Ductwork Transition
- (10/10) Duct Work
- (24/12) Duck Work
- (8/8) Duct Work
- (6/6) Duct Work
- (48/18 To 14" Dia) Conical Fitting
- (18") Dia. Concentric Connection
- (18" To 14") Dia. Concentric Connection
- (16") Dia. Concentric Connection
- (16" To 14") Dia. Concentric Connection
- (16" To 12") Dia. Concentric Connection
- (48/18 To 10" Dia) Conical Fitting
- (14" To 12") Dia. Concentric Connection
- (12" To 8") Dia. Concentric Connection
- (12" To 6") Dia. Concentric Connection
- (48/18 To 8" Dia) Conical Fitting
- (22/10) Duct Work
- (48/18 To 6" Dia) Conical Fitting
- (48/18 To 8" Dia) Conical Fitting
- (14" To 6") Dia. Concentric Connection
- (48/18 To 12" Dia) Conical Fitting
- (12/12) Duct Work
- Flexible Duct
- FD
- Thermostat
- (14") Diameter Circular Plaque Ceiling Diffuser
- (12") Diameter Circular Plaque Ceiling Diffuser
- (24" x 24") Architectural Ceiling Diffuser (10" Neck)
- (12/12) EGC Crate Grille
- (10/12) Exhaust Grille
- (16" x 8") Brick Vent
- (8") Diameter Circular Plaque Ceiling Diffuser
- (22/12) Transfer Grille
- (8/8) EGC Crate Grille
- (24/12) EGC Crate Grille
- (8/8) EGC Crate Grille
- (6/6) EGC Crate Grille
- (8") Diameter Circular Plaque Ceiling Diffuser
- (6/6) Supply Grille
- (24" x 24") Architectural Ceiling Diffuser (8" Neck)
- (12/10) Exhaust Grille
- (8/8) Transfer Grille
- (8/8) Exhaust Grille
- (24" x 24") Architectural Ceiling Diffuser (6" Neck)
- (10") Diameter Circular Plaque Ceiling Diffuser
- (78/18) 1/2" x 1/2" Mesh Grille w/ Frame
- (12/12) Transfer Grille
- (24" x 24") Architectural Ceiling Diffuser (12" Neck)
- (54/20) 1/2" x 1/2" Mesh Grille w/ Frame
- (32/69) From RTU-1
- (29/74) From RTU-1
- (34/71) From RTU-2
- (29/74) From RTU-2
- (29/74) From RTU-5
- (34/71) From RTU-4
- (16" x 16" x 12") Diameter Tee Connection
- (14" x 12" x 12") Diameter Tee Connection
- (14" x 12" x 8") Diameter Tee Connection
- (10" x 10" x 8") Diameter Tee Connection
- (12" x 12" x 6") Diameter Tee Connection
- (18" x 18" x 14") Diameter Tee Connection
- (16" x 16" x 14") Diameter Tee Connection
- (52/18) 1/2" x 1/2" Mesh Grille w/ Frame
- (24 / 12) Duct work
- (12" x 12" x 8") Diameter Tee Connection
- 16" Dia Concentric connection
- 14" to 8" Concentric Ductwork Transition