

PERMIT STAMP

**BILLINGSLEY COMPANY**

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Dallas, TX 75019

**Gensler**

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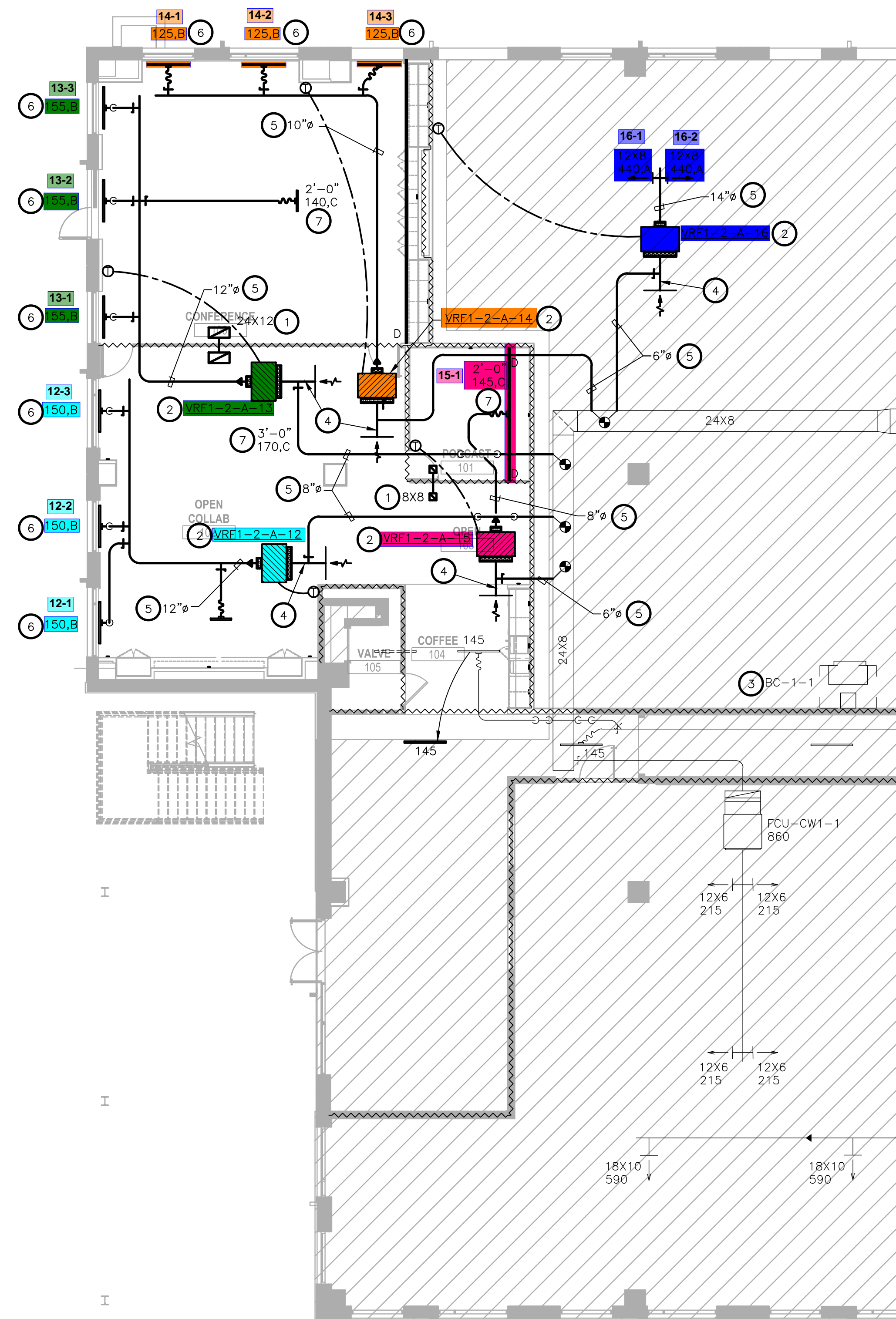


Purdy - McGuire  
Mechanical Electrical Engineers  
PMI JOB NO. 24007.005  
PROJECT MGR. TODD JOHNSON  
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**NOTES BY SYMBOL ☉:**

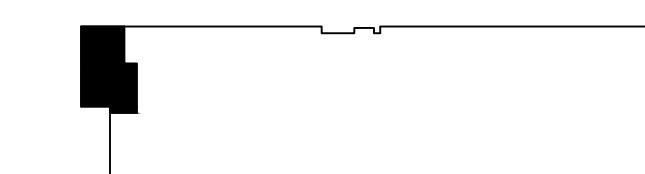
1. PROVIDE ACOUSTICALLY LINED RETURN AIR BOOT THRU WALL TO DECK AS HIGH AS POSSIBLE ABOVE CEILING WITH INLET AND OUTLET 90° ELBOWS FACING UPWARD. SIZE PER PLANS. REFER TO DETAIL ON SHEET M3.01 FOR MORE INFORMATION.
2. FC UNIT TO BE SUSPENDED FROM STRUCTURE. EXTEND FULL SIZED RETURN AIR PLENUM AS INDICATED ON DRAWINGS. PROVIDE MANUAL DAMPER AT OUTSIDE AIR DUCT CONNECTION TO RETURN AIR PLENUM.
3. EXISTING BRANCH CONTROLLER SUSPENDED FROM STRUCTURE WITH ISOLATION SPRINGS.
4. EXTEND FULL SIZED RETURN PLENUM A MINIMUM OF 5'-0" OR AS FAR AS POSSIBLE FROM FAN COIL UNIT AS SHOWN. PROVIDE WIRE MESH WITH A MINIMUM OF 50% FREE AREA AT RETURN AIR OPENING. CONNECT OUTSIDE AIR DUCT WITH BALANCING DAMPER AS SHOWN ON DETAIL LOCATED ON SHEET M3.01.
5. ALL EXPOSED ROUND DUCTWORK SHALL BE INTERNALLY LINED SPIRAL DUCT WITH MICROBIOLOGICAL TREATMENT AND MOUNTED HIGH AS POSSIBLE. COORDINATE FINAL HEIGHT WITH ARCHITECTURAL REPRESENTATIVE PRIOR TO ROUGH-IN.
6. SECURE PERIMETER SLOT DIFFUSER WITH INSULATED PLENUM TO STRUCTURE AS RECOMMENDED BY MANUFACTURE TO ENSURE DIFFUSER IS PROPERLY SEALED. COORDINATE FINISH WITH ARCHITECT PRIOR TO PURCHASE.
7. INSTALL SUPPLY SLOT DIFFUSER WITH INSULATED PLENUM IN RCP. PROVIDE AIR TIGHT SEAL AROUND GRILLE. COORDINATE FINISH WITH ARCHITECT AND MANUFACTURER PRIOR TO PURCHASE.

**OUTSIDE AIR TAPS:**  
PROVIDE SQUARE TO ROUND TRANSITIONS AT EXISTING OUTSIDE AIR SUPPLY DUCT AS FOLLOWS:  
6"X24" SQUARE TO 12"ø.  
6"X16" SQUARE TO 10"ø.  
6"X10" SQUARE TO 8"ø.



**1 LEVEL 01 MECHANICAL PLAN**  
SCALE: 1/8"=1'-0"

**KEY PLAN**



| Date       | Description            |
|------------|------------------------|
| 09.06.2024 | ISSUE FOR CONSTRUCTION |

Seal / Signature



Project Name  
**3300 OLYMPUS**

Project Number  
**027.8400.000**

Description  
**LEVEL 01 MECHANICAL PLAN**

Scale  
**1/8" = 1'-0"**

**IM2.201**

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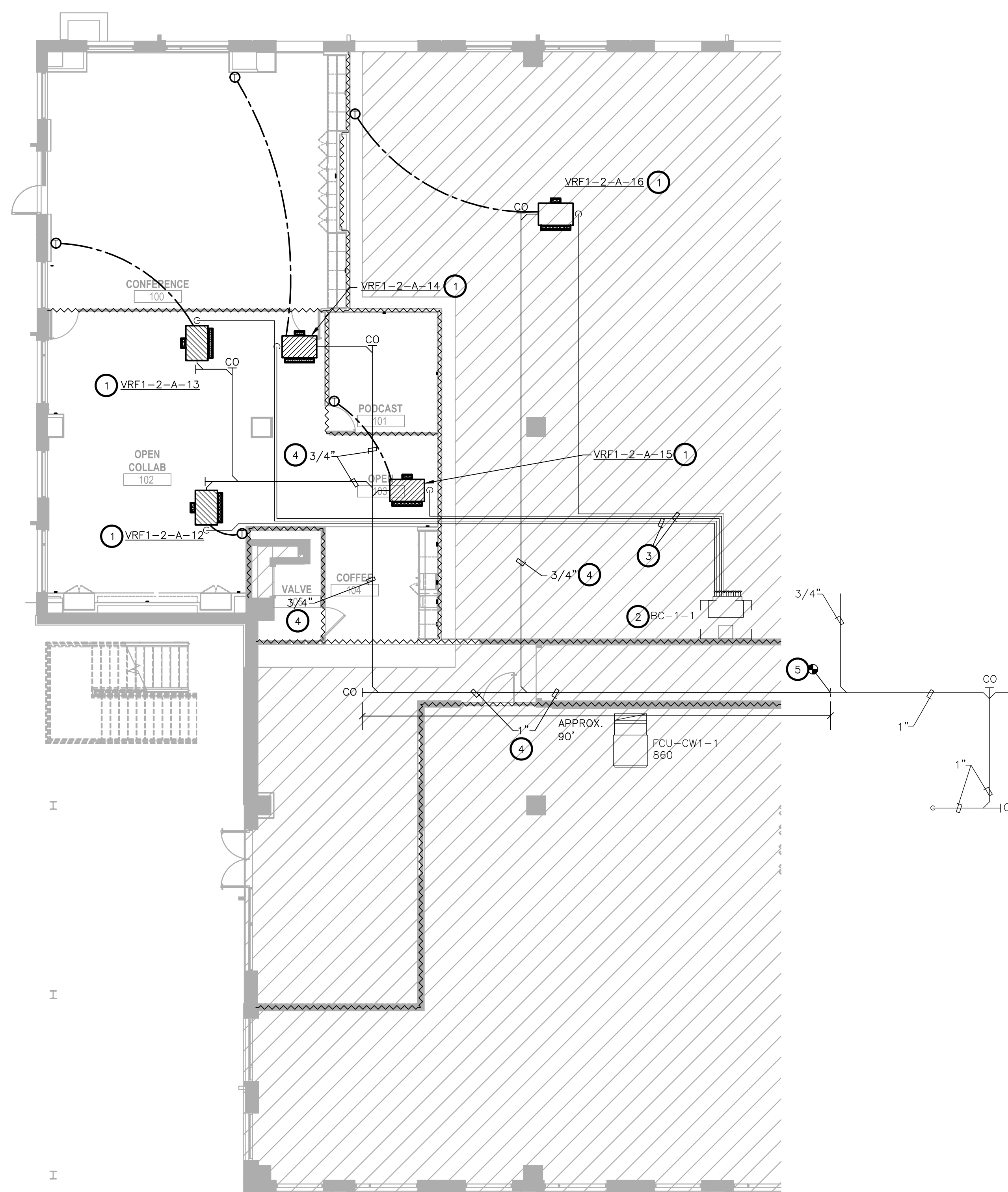
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### NOTES BY SYMBOL Ⓢ:

1. FC UNIT TO BE SUSPENDED FROM STRUCTURE USING ALTHREAD HANGER RODS.
2. EXISTING BRANCH CONTROLLER SUSPENDED FROM STRUCTURE WITH ISOLATION SPRINGS.
3. COORDINATE WITH MANUFACTURER'S SPECIFICATIONS FOR REFRIGERANT REQUIREMENTS. COORDINATE ROUTING FROM FC UNIT TO BRANCH CONTROLLER. LOCATION OF FCU SHALL NOT EXCEED 150' OF PIPING BETWEEN UNITS.
4. EXTEND AN INSULATED CONDENSATE DRAIN AND DISCHARGE TO NEAREST EXISTING CONDENSATE DRAIN AS SHOWN ON DRAWINGS. ALL PIPING SHALL BE INSTALLED AS HIGH AS POSSIBLE, AND SLOPED AT 1/8" PER FOOT TOWARDS FLOOR DRAIN. PROVIDE CONDENSATE PUMP CAPABLE OF A MINIMUM OF 10' OF HEAD PRESSURE WITH UNIT IF REQUIRED SLOPE IS UNATTAINABLE.
5. EXTEND NEW 1" CONDENSATE DRAIN PIPING APPROXIMATELY 92 FEET AND CONNECT TO EXISTING 1" CONDENSATE PIPING LOCATED IN PUBLIC CORRIDOR.



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|--------------|------------------------|
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Seal / Signature



Project Name  
**3300 OLYMPUS**

Project Number  
**027.8400.000**

Description  
**LEVEL 01 MECHANICAL  
RETURN AIR PLAN**

Scale  
1/8" = 1'-0"

# IM2.211

① LEVEL 01 MECHANICAL RETURN AIR PLAN  
SCALE: 1/8"=1'-0"

### KEY PLAN

