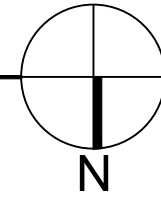


KEY PLAN
1/8" = 1'-0"



CODED NOTES

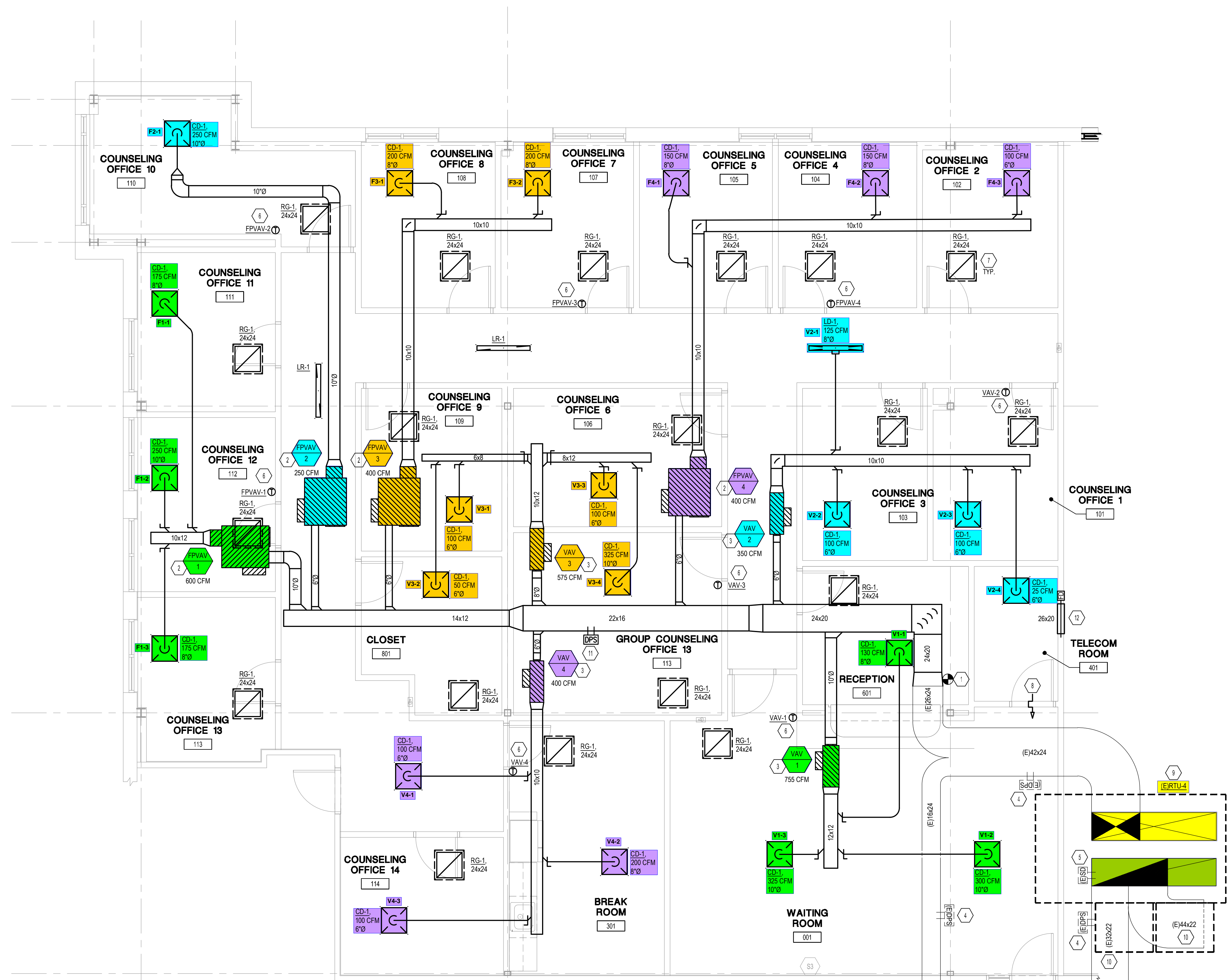
- MECHANICAL CONNECT NEW SUPPLY DUCT MAIN TO EXISTING BUILDING SUPPLY DUCT MAIN. FIELD VERIFY EXISTING CONDITIONS, ROUTING, AND EXACT POINT OF CONNECTION PRIOR TO STARTING WORK.
- MECHANICAL CONTRACTOR SHALL PROVIDE A NEW FAN POWERED VAV BOX WITH ELECTRIC REHEAT. REFER TO SCHEDULE ON SHEET M1.0 FOR ADDITIONAL INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
- MECHANICAL CONTRACTOR SHALL PROVIDE A NEW VAV BOX WITH ELECTRIC REHEAT. REFER TO SCHEDULE ON SHEET M1.0 FOR ADDITIONAL INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
- EXISTING DUCT PRESSURE SENSOR TO REMAIN. CONFIRM SENSOR IS IN GOOD WORKING ORDER AND REPLACE IF NECESSARY.
- EXISTING RETURN DUCT MOUNTED SMOKE DETECTOR TO REMAIN. CONFIRM DETECTOR IS IN GOOD WORKING ORDER. IF DETECTOR NEEDS REPLACED, MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW DETECTOR AND ELECTRICAL CONTRACTOR SHALL WIRE NEW DETECTOR.
- PROVIDE NEW HONEYWELL THERMOSTAT PER LANDLORD REQUIREMENTS AT 48" A.F.F. PROVIDE WITH CLEAR LOCK BOX. COORDINATE FINAL LOCATION WITH ARCHITECTURAL PLANS.
- PROVIDE WITH RETURN AIR CANOPY. REFER TO DETAIL ON SHEET M1.0 FOR ADDITIONAL INFORMATION. TYP. ALL RETURN AIR GRILLES.
- UNDERCUT DOOR 1".
- EXISTING ROOFTOP UNIT TO REMAIN. REFER TO SCHEDULE ON SHEET M1.0 FOR ADDITIONAL INFORMATION. FIELD VERIFY EXISTING CONDITIONS.
- EXISTING RETURN AIR DUCTWORK TO REMAIN. FIELD VERIFY EXISTING CONDITIONS.
- PROVIDE WITH NEW HONEYWELL DUCT PRESSURE SENSOR.
- PROVIDE 26x20 TRANSFER AIR DUCT ABOVE ACT CEILING WITH FIRE DAMPER TO MATCH WALL RATING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO MATCHING WORK.

NOTE:
ALL EXISTING PVC PIPING EXPOSED WITHIN THE RETURN AIR PLENUM SPACE SHALL EITHER BE FIRE WRAPPED OR REMOVED AND REPLACED WITH A PLENUM RATED PIPING MATERIAL (I.E. CAST IRON, COPPER ETC.)

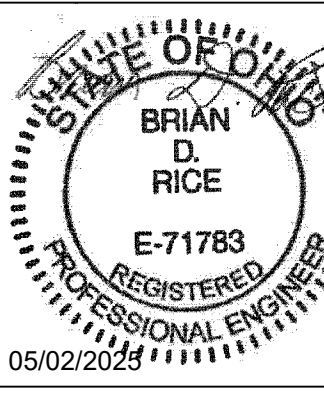
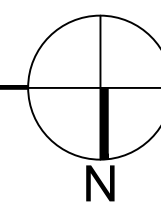
NOTE:
CONTRACTOR SHALL COORDINATE BUILDING BMS CONTROLS WITH LANDLORD APPROVED CONTRACTOR (JACKSONS) TO ENSURE PROPER INTEGRATION WITH EXISTING BUILDING CONTROLS.

MECHANICAL GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATION HEATING AND COOLING SYSTEM.
- CONTRACTOR SHALL PROVIDE ALL REQUIRED HVAC PERMITS.
- THE CONTRACTOR SHALL COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
- ALL HVAC WORK TO BE PERFORMED SHALL BE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES.
- FLEXIBLE DUCT SHALL COMPLY WITH SMACNA. ALL LOCAL CODES, U.L. RATING, AND NOT EXCEED FIVE FEET IN LENGTH, SHEET METAL DUCT, WHERE REQUIRED BY LOCAL CODES, SHALL BE LINED WITH 1" MATT FACED DUCTLINER IN THE FIRST 10 (TEN) FEET OF THE RETURN AND SUPPLY DUCT STARTING FROM THE HVAC UNIT. AFTER THE FIRST 10 (TEN) FEET THE USE OF 1" DUCT WRAP SHALL BE ACCEPTABLE WORK MATERIAL TO BE VERIFIED WITH CEILING ACCESSIBILITY RATINGS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS, AND CONTROL WIRING.
- ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS, ALLOW FOR DUCT INSULATION.
- THE CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE THAT SHALL WARRANT ALL WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE FINAL WORK ACCEPTANCE BY THE OWNER AND A FIVE YEAR WARRANTY ON THE COMPRESSOR.
- FILTERS SHALL BE OF THE DISPOSABLE TYPE AND SHALL BE MERV-8. PROVIDE TWO SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AFTER OCCUPANCY.
- CONTRACTORS SHALL INSTALL ALL NECESSARY OFFSETS, BENDS, AND TRANSITIONS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE LOCATION OF ALL CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN TO PREVENT CONFLICT WITH LIGHTS AND ARCHITECTURAL ELEMENTS.
- ALL WORK OF THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID ANY INTERFERENCES THAT MAY DELAY PROGRESS DURING CONSTRUCTION.
- THE MECHANICAL CONTRACTOR SHALL TEST AND BALANCE TO THE AIR QUANTITIES ON THE PLAN AND PROVIDE A TAB REPORT.
- CONTRACTOR SHALL INSTALL A THERMOSTAT IN ACCORDANCE WITH THERMOSTAT SPECS.
- CONTRACTOR SHALL INSTALL MANUAL BALANCING DAMPERS AT ALL SUPPLY AIR BRANCH DUCTWORK RUN OUTS.
- CONTRACTOR SHALL INSTALL TURNING VANES AT ALL DUCTWORK TEES AND 90 DEGREE ELBOWS.
- CONTRACTOR SHALL INSTALL A DUCT-TYPE MOUNTED SMOKE DETECTOR FOR UNIT SHUTDOWN IN THE RETURN AIR DUCTWORK PLENUM AT ROOFTOP UNITS. THE CONTRACTOR SHALL VERIFY THE COMPATIBLE TYPE OF DETECTION DEVICE TO USE WITH THE BUILDING OPERATIONS MANAGER.
- ALL SHEET METAL DUCTWORK SHALL COMPLY WITH SMACNA STANDARDS. ALL DUCTWORK JOINTS SHALL BE TAPED AND SEALED.
- CONTRACTOR SHALL PROVIDE EQUIPMENT OF THE SCHEDULED CAPACITIES DESIGNED.



MECHANICAL PLAN
1/4" = 1'-0"



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