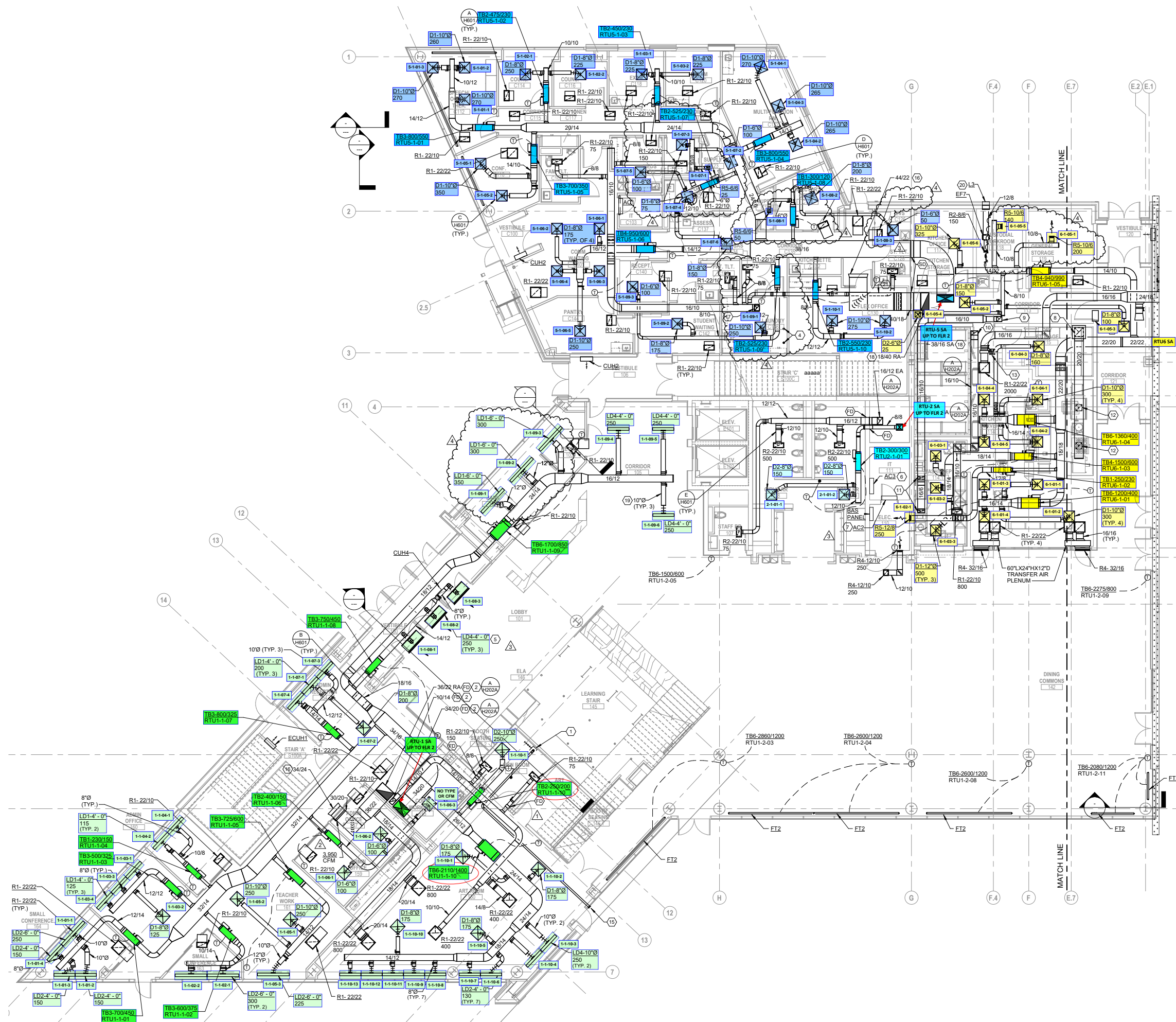


**CODED NOTES:**

1. PROVIDE SKITT ENVIRONMENT2 FAN CAPABLE OF EXHAUST 140 CFM THROUGH UP TO 60'-0" OF 4" DUCT WITH THREE 90 DEGREE BENDS. MOUNT THE FAN TO THE WALL BEHIND THE KILN AND WITHIN 8'-0" OF THE KILN. RUN 3" FLEXIBLE ALUMINUM DUCT BETWEEN THE KILN AND THE FAN. RUN 4" PVC FROM THE FAN TO THE EXTERIOR OF THE BUILDING. FAN PLUGS INTO WALL RECEPTABLE AND IS MANUALLY TURNED ON WITH INTEGRAL SWITCH. REFER TO KILN MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. LOCATE FIRE DAMPER IN DUCT PENETRATION AT BOTTOM OF RATED SHAFT.
3. NOT USED.
4. 4" DIAMETER LAUNDRY VENT UP THROUGH ROOF. COORDINATE FINAL LOCATIONS WITH ARCHITECT.
5. LINEAR AIR DEVICE IN SIDEWALL WITH PLENUM. TAP OFF MAIN WITH DAMPER AND CONNECT TO BOTTOM OF LINEAR AIR DEVICE PLENUM. COORDINATION EXACT LOCATION, ELEVATION AND FINISH COLOR OF AIR DEVICE WITH ARCHITECT.
6. INSTALL WALL HUNG AC3 BELOW CABLE TRAY ON WEST WALL OF IT ROOM. TOP OF UNIT SHALL BE 6'-0" A.F.F.
7. INSTALL WALL HUNG AC2 ABOVE DOOR ON SOUTH WALL OF IT ROOM.
8. 2020 UP TO KITCHEN HOOD EXHAUST FAN EES ON ROOF. PROVIDE GREASE DUCT CLEANOUT AT BOTTOM OF VERTICAL. PROVIDE GREASE TRAP.
9. 16/10 UP TO EXHAUST FAN EE6 ON ROOF.
10. 12/12 UP TO EXHAUST FAN EE7 ON ROOF.
11. PROVIDE PANT LEG DUCT FITTING. LEGS SHALL BE 18/6. MAKE CONNECTION TO (2) CONNECTIONS ON TOP OF DISHWASHER.
12. PROVIDE TAPS OFF EXHAUST MAIN TO CONNECT TO (2) 13/14 CONNECTIONS ON GREASE HOOD. PROVIDE GREASE DUCT CLEANOUTS AT TAPS.
13. PROVIDE MOTORIZED DAMPER AND BALANCE DAMPER. BALANCE TO 800 CFM. MOTORIZED DAMPER TO REMAIN CLOSED DURING KITCHEN HOOD OPERATION. OPEN WHEN HOOD IS NOT IN OPERATION.
14. 24/24 TRANSFER DUCT.
15. TERMINATE KILN EXHAUST DUCT THROUGH EXTERIOR WALL. PROVIDE CORROSION RESISTANT ALUMINUM ROUND DUCT WALL CAP WITH INTEGRAL ALUMINUM BACKRAFT DAMPER. PAINT WALL CAP TO MATCH ADJACENT EXTERIOR FINISH. COORDINATE EXACT LOCATION WITH ARCHITECT.
16. BELLMOUTH OPENING FOR RETURN AIR PLENUM.
17. 16/10 UP TO EXHAUST FAN EF4 ON ROOF.
18. UP TO RTU5.
19. PROVIDE CABLE OPERATED DAMPER FOR ACCESS.
20. PROVIDE SHEETMETAL PLENUM BEHIND LOUVER.
21. SMOKE DETECTOR TO BE PROVIDED BY DIVISION 26.

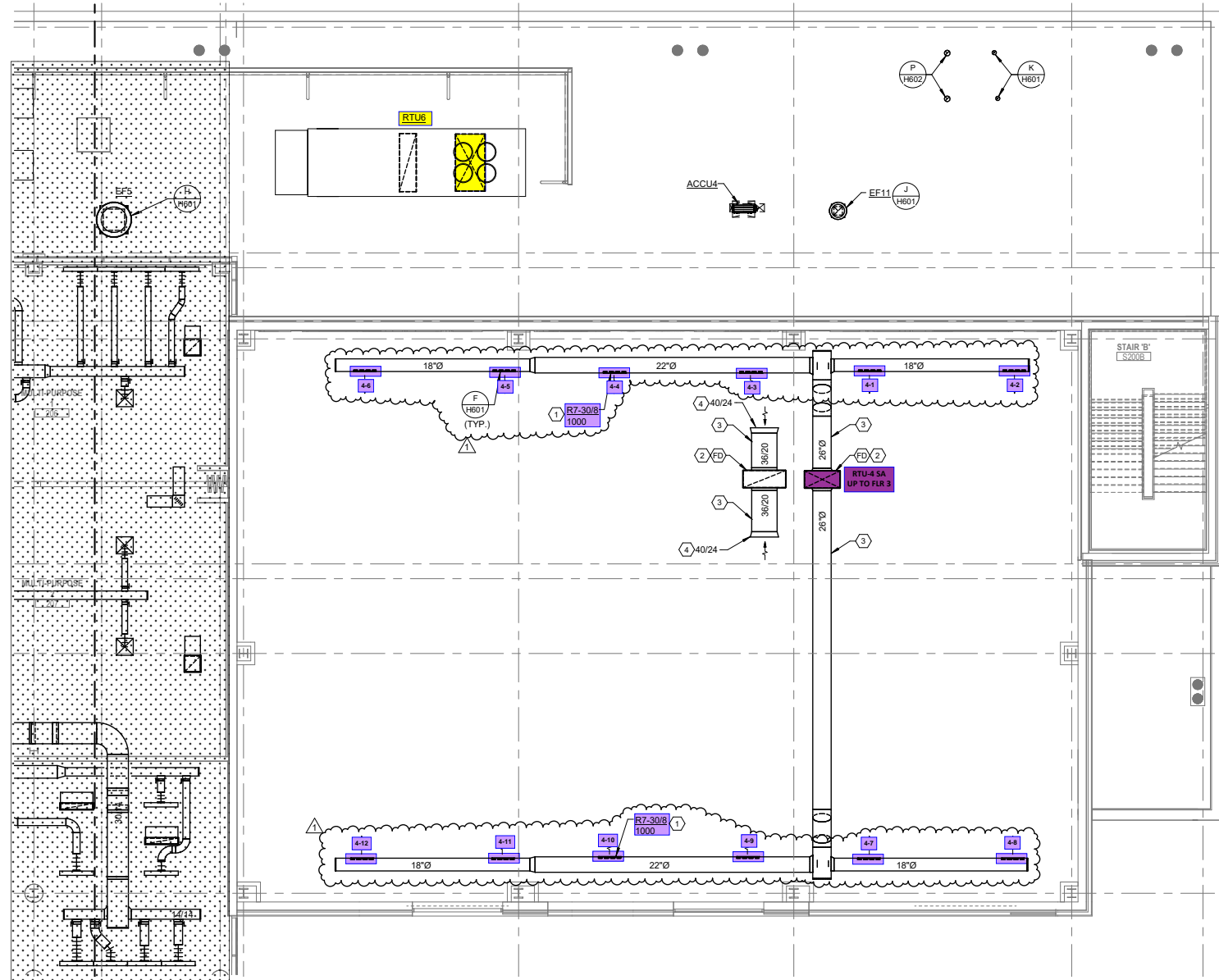


**A FLOOR PLAN**  
FIRST FLOOR - AREA A

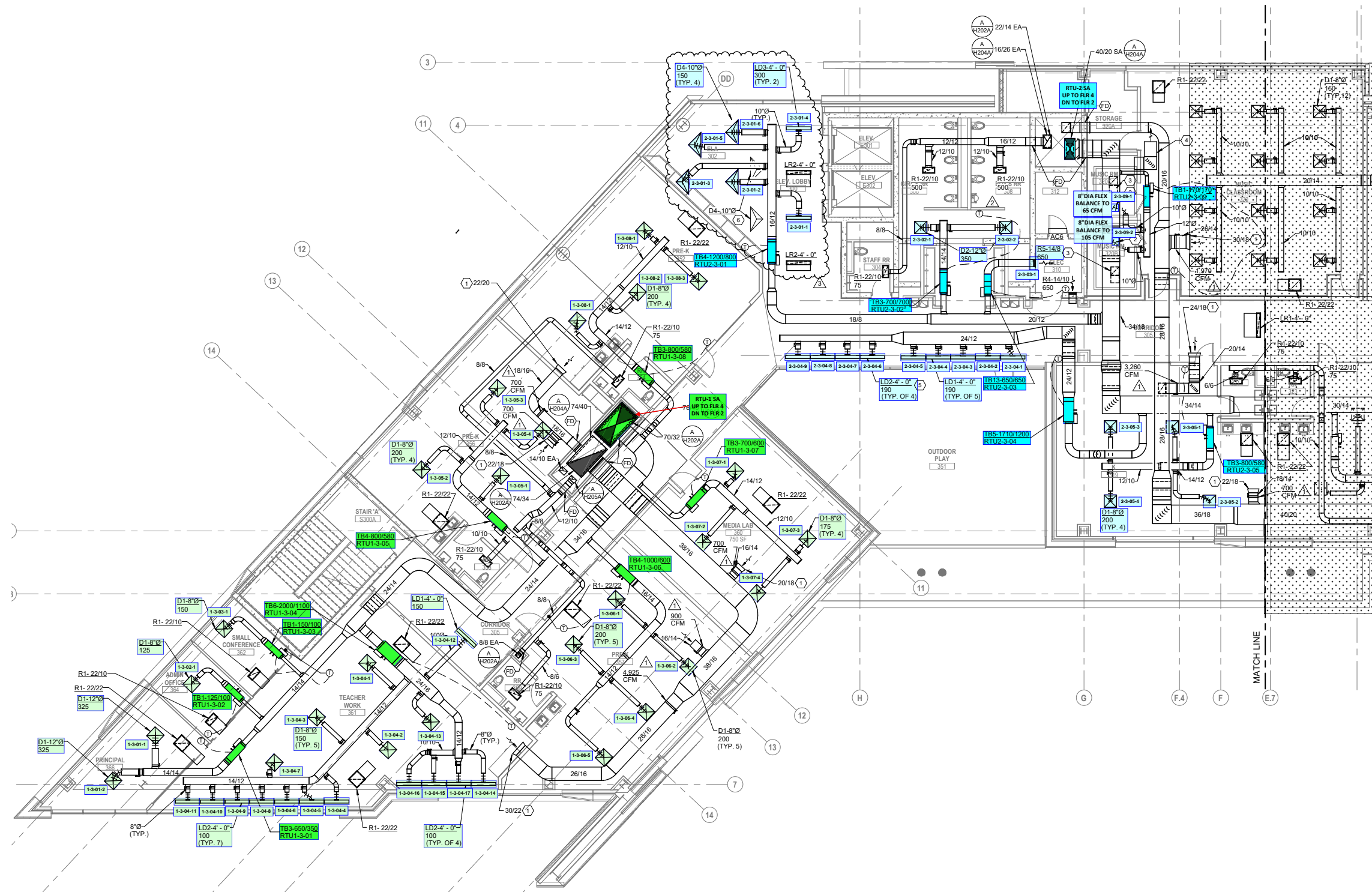




- CODED NOTES**
1. ANGLE AIR FLOW 45 DEGREES DOWNWARD TOWARD CENTER OF GYMNASIUM. COORDINATE AIR DEVICES WITH SUSPENDED LIGHTING. DEVICES ARE TO BE LOCATED SUCH THAT AIR IS NOT DIRECTLY ON LIGHTING.
  2. LOCATE FIRE DAMPER IN VERTICAL DUCT AT SHAFT PENETRATION.
  3. ROUTE DUCTWORK TIGHT TO UNDERSIDE OF DECK AND BETWEEN BEAMS.
  4. BELLMOUTH OPENING FOR RETURN AIR PLENUM.



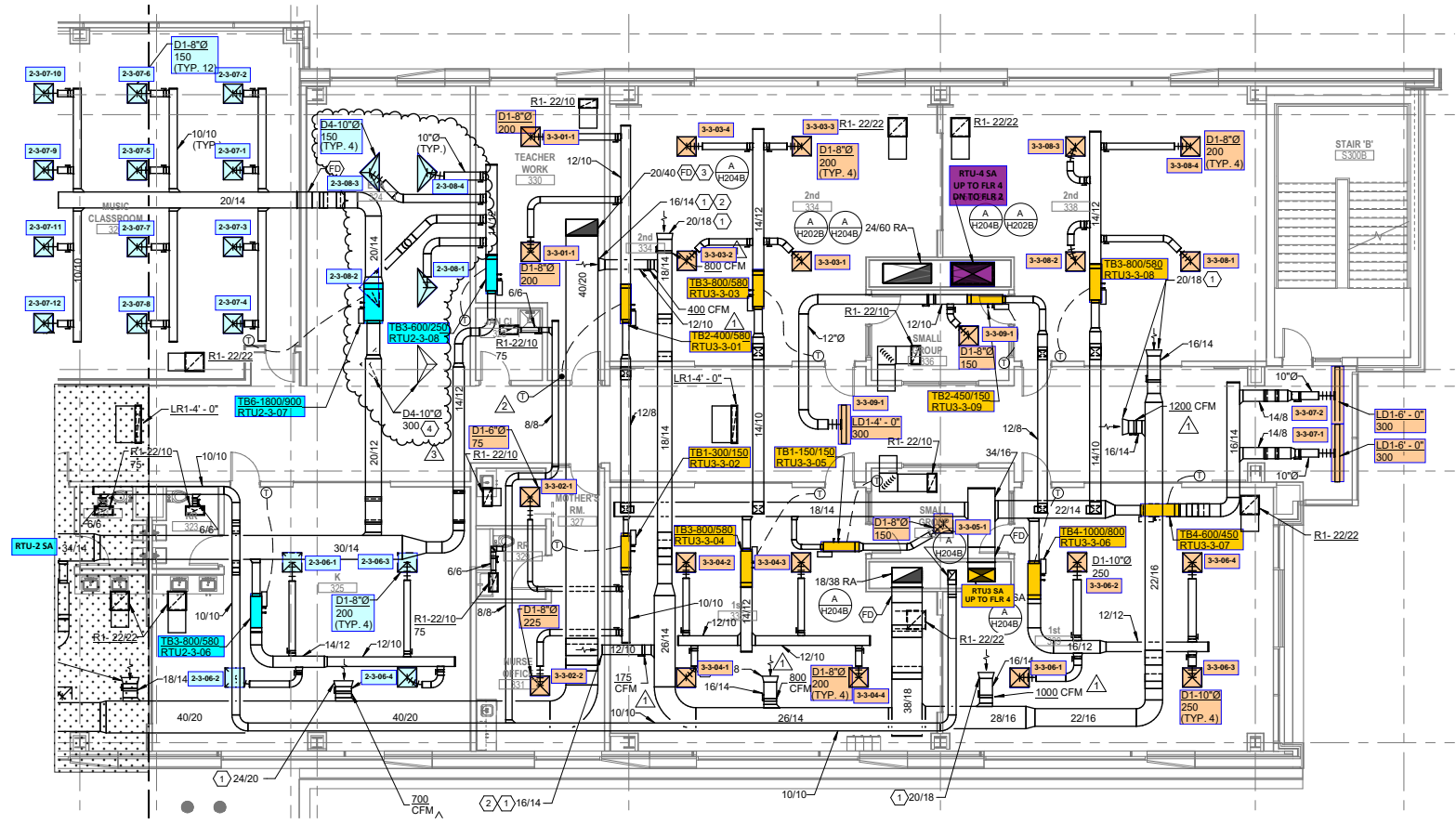
- CODED NOTES:**
- BELLMOUTH OPENING FOR RETURN AIR PLENUM.
  - 8" DIAMETER FLEX CONNECTION TO WENGER SOUND BOOTH. BALANCE NORTH BOOTH 320C TO 85 CFM. BALANCE SOUTH BOOTH 320B TO 105 CFM. COORDINATE EXACT LOCATIONS WITH EQUIPMENT.
  - 8" DIAMETER RETURN DUCT CONNECTION TO WENGER SOUND BOOTH. TRANSITION TO 16" RECTANGULAR RETURN BOOT WITH INTERNAL LINING. COORDINATE EXACT LOCATIONS WITH EQUIPMENT.
  - 24" RETURN TRANSFER DUCT.
  - PROVIDE CABLE OPERATED DAMPER FOR ACCESS.
  - RETURN AIR TERMINALS TO RELIEVE AIR TO PLENUM. DO NOT OBSTRUCT DUCT CONNECTION.



**A FLOOR PLAN**  
THIRD FLOOR - AREA A



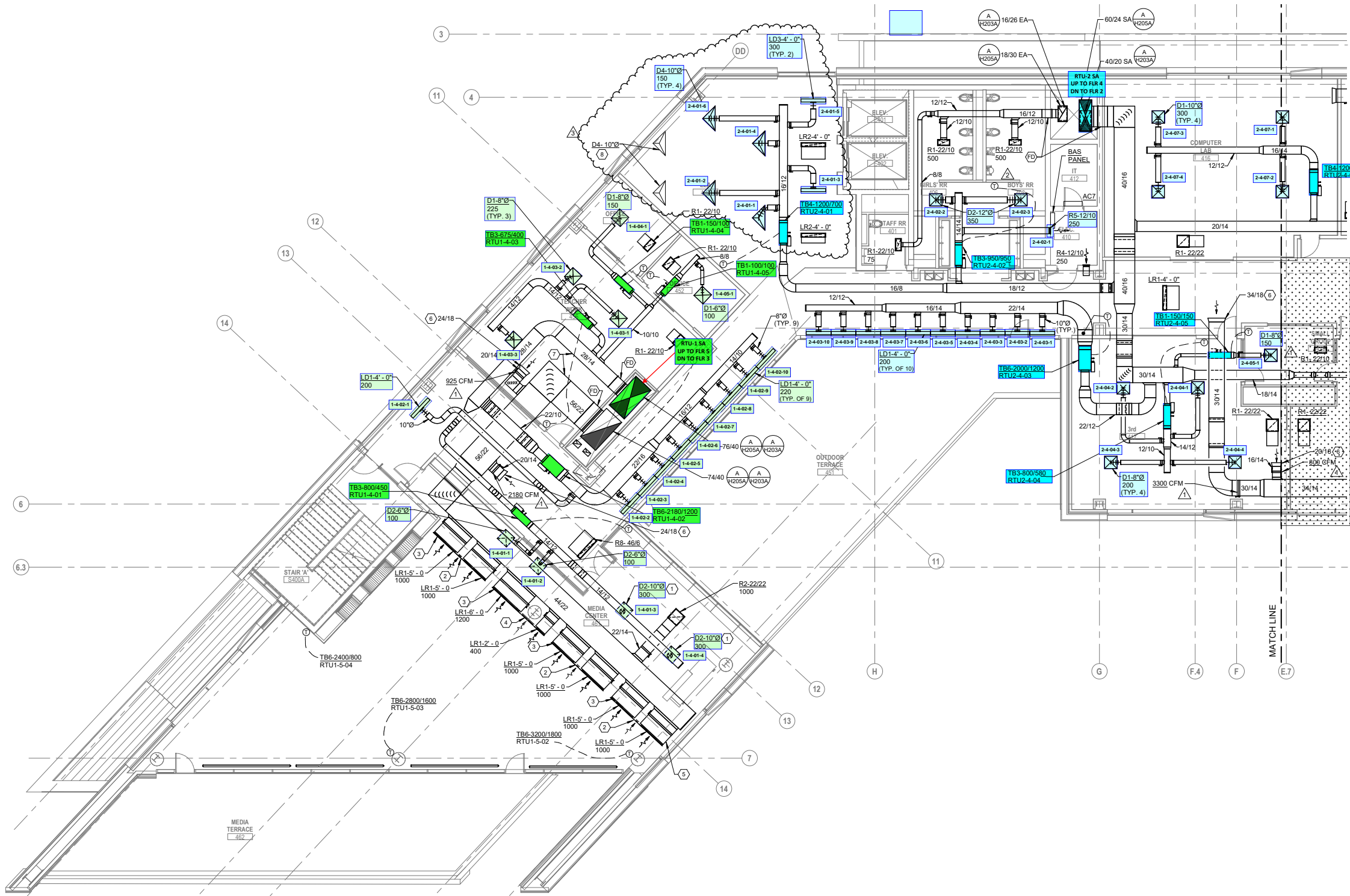
- CODED NOTES:
- BELLMOUTH OPENING FOR RETURN AIR PLENUM.
  - PROVIDE CLEARANCE FOR FULL OPENING OF TRANSFER DUCT.
  - LOCATE FIRE DAMPER IN DUCT PENETRATION AT BOTTOM OF RATED SHAFT.
  - RETURN AIR TERMINALS TO RELIEVE AIR TO PLENUM. DO NOT OBSTRUCT DUCT CONNECTION.



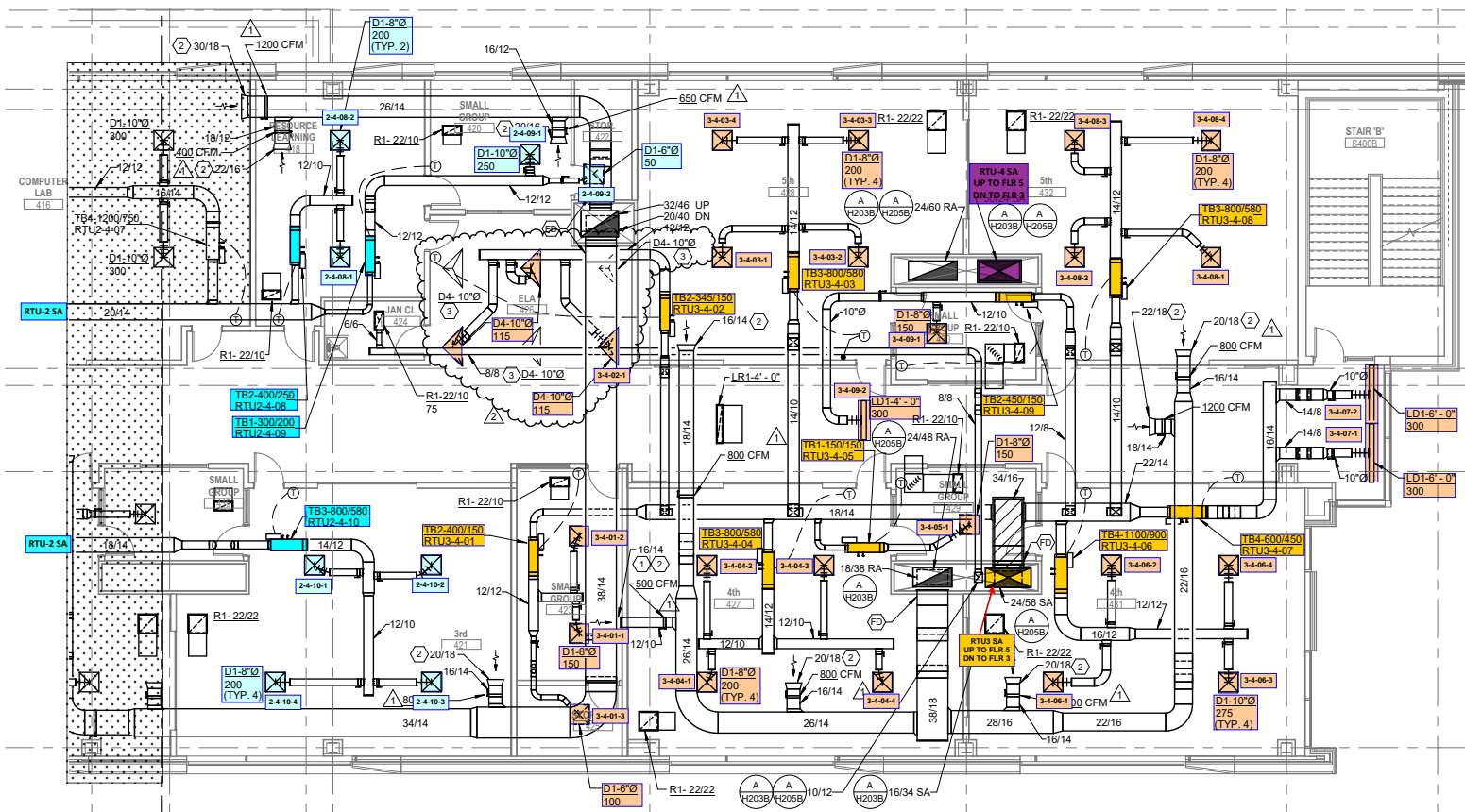
A FLOOR PLAN  
THIRD FLOOR - AREA B



- CODED NOTES:
1. LOCATE TAP AND DAMPER AT UNDERSIDE OF DUCT.
  2. PROVIDE A 1'-0" INACTIVE SECTION AND BLANK OFF.
  3. PROVIDE BORDERS AND ACCESSORIES REQUIRED FOR A CONTINUOUS, SEAMLESS LOOK THROUGH ACTIVE AND INACTIVE SECTIONS.
  4. PROVIDE A 1'-0" INACTIVE SECTION AND BLANK OFF. COORDINATE WITH STRUCTURAL COLUMN.
  5. COORDINATE ELEVATION OF AIR DEVICES WITH ARCHITECT. TYPICAL.
  6. BELLMOUTH OPENING FOR RETURN AIR PLENUM.
  7. PROVIDE DOUBLE-WALL ACOUSTICAL DUCT PER SPECIFICATIONS.
  8. RETURN AIR TERMINALS TO RELIEVE AIR TO PLENUM. DO NOT OBSTRUCT DUCT CONNECTION.



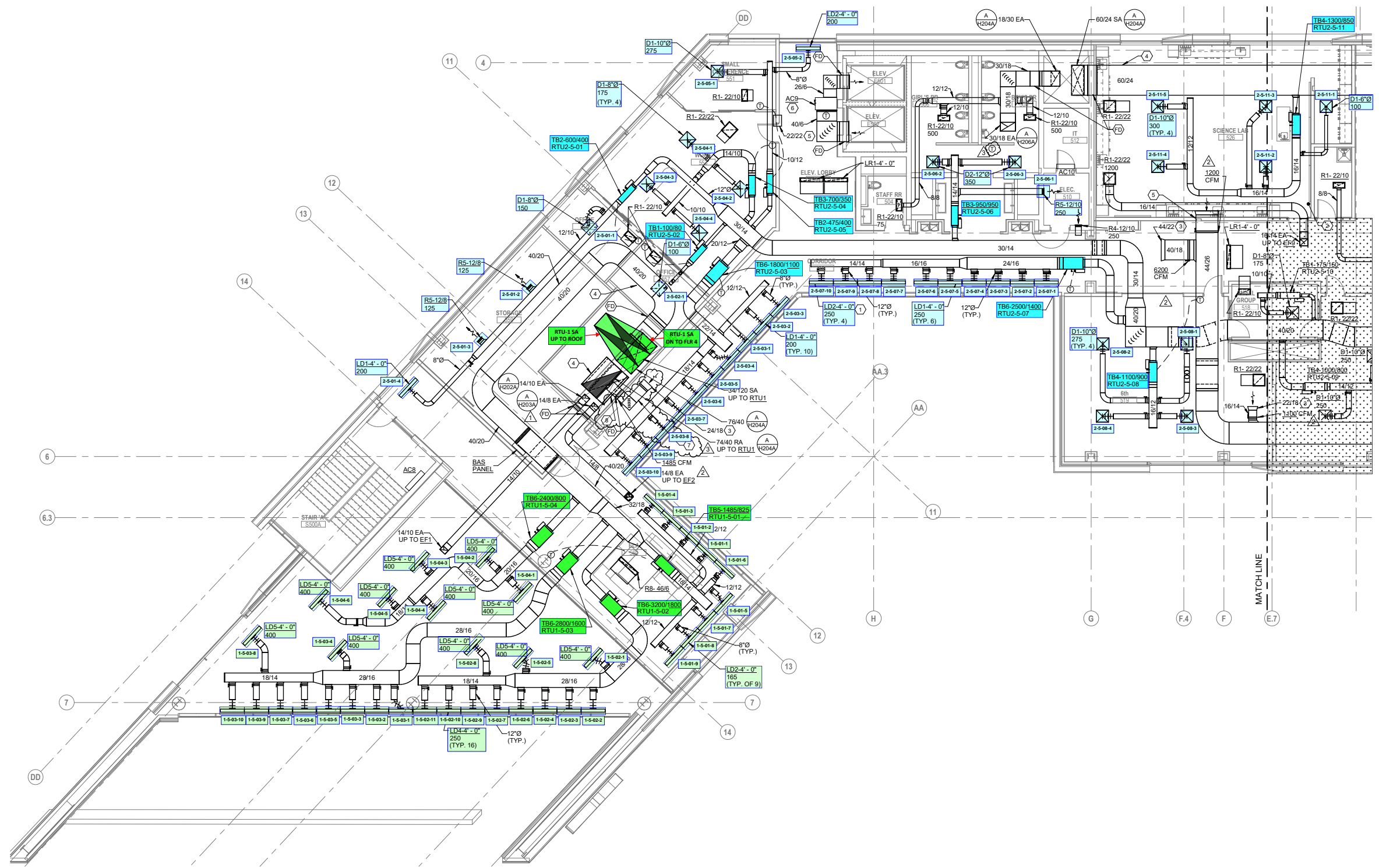
- CODED NOTES:**
1. PROVIDE CLEARANCE FOR FULL OPENING OF TRANSFER DUCT.
  2. BELLMOUTH OPENING FOR RETURN AIR PLENUM.
  3. RETURN AIR TERMINALS TO RELIEVE AIR TO PLENUM. DO NOT OBSTRUCT DUCT CONNECTION.



**A FLOOR PLAN**  
FOURTH FLOOR - AREA B



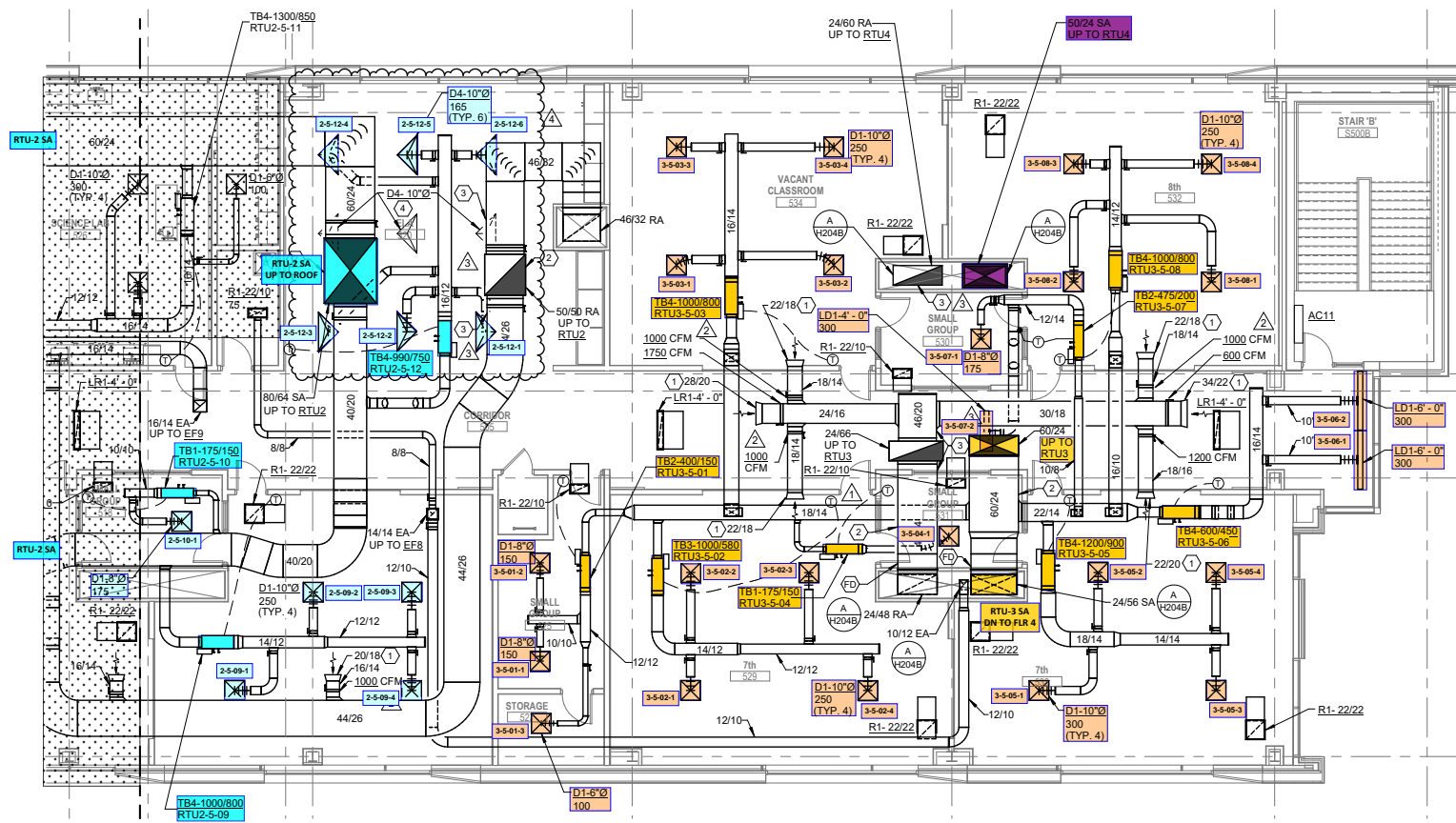
- CODED NOTES:
1. PROVIDE CABLE OPERATED DAMPER FOR ACCESS.
  2. WALL SWITCH FOR MANUAL EXHAUST FAN CONTROL.
  3. BELLMOUTH OPENING FOR RETURN AIR PLENUM.
  4. PROVIDE DOUBLE-WALL ACOUSTICAL DUCT PER SPECIFICATIONS.
  5. PROVIDE CLEARANCE FOR FULL OPENING OF TRANSFER DUC.
  6. PROVIDE  $CO_2$  TEMPERATURE SENSOR IN RETURN DUCT.
  7. SMOKE DETECTOR TO BE PROVIDED BY DIVISION 26. LOCATE ABOVE LEVEL 05 FLOOR PENETRATION.
  8. SMOKE DETECTOR TO BE PROVIDED BY DIVISION 26. LOCATE ABOVE LEVEL 05 FLOOR PENETRATION.



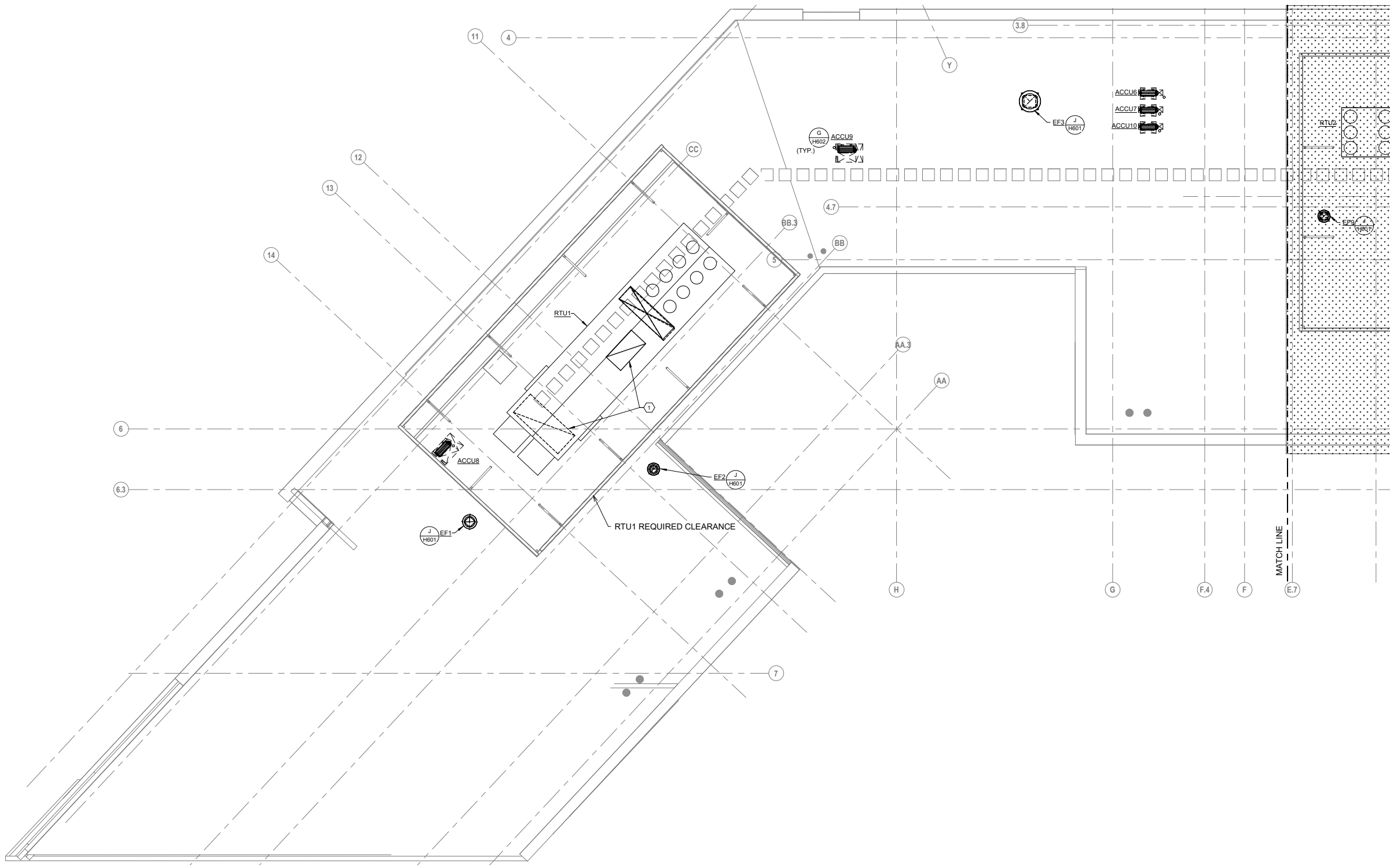
**A** FLOOR PLAN  
FIFTH FLOOR - AREA A



- CODED NOTES:**
1. BELLMOUTH OPENING FOR RETURN AIR PLENUM
  2. PROVIDE DOUBLE-WALL ACOUSTICAL DUCT PER SPECIFICATIONS
  3. SMOKE DETECTOR TO BE PROVIDED BY DIVISION 26
  4. RETURN AIR TERMINALS TO RELIEVE AIR TO PLENUM. DO NOT OBSTRUCT DUCT CONNECTION.



- CODED NOTES:
- RETURN PLENUM CURB UNDER ROOFTOP UNIT. RETURN CONNECTION FROM UNIT AND FLOOR BELOW BOTH CONNECT TO PLENUM CURB.



**A** ROOF PLAN  
ROOF - AREA A



**Greater Dayton School BP2 (Dayton, OH)**

- CODED NOTES:
1. RETURN PLENUM CURB UNDER ROOFTOP UNIT. RETURN CONNECTION FROM UNIT AND FLOOR BELOW BOTH CONNECT TO PLENUM CURB.

