

- GENERAL SHEET NOTES
- A. MAINTAIN SPACE FOR SERVICE AND MAINTENANCE OF EQUIPMENT.
  - B. PROVIDE A LOW-LOSS RECTANGULAR 45° TAP OR ROUND BELL-MOUTH TAP FOR EVERY RUNOUT DUCT FROM THE MAIN. INSTALL A MANUAL BALANCING DAMPER AT THE TAKE-OFF FOR USE IN BALANCING.
  - C. COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE" FOR BRANCH, OUTLET AND INLET, AND TERMINAL UNIT CONNECTIONS.
  - D. INSTALL MANUAL VOLUME DAMPERS IN ALL BRANCH DUCTS FOR BALANCING. PERFORM AIR BALANCING WITH DUCT BRANCH DAMPERS. ADJUSTABLE DAMPERS IN THE THROAT OF DIFFUSERS SHALL NOT BE USED FOR BALANCING PURPOSE.
  - E. INSTALL HINGED ACCESS DOOR AT ALL AUTOMATIC DAMPERS, FIRE DAMPERS, REHEAT COILS AND ANY APPARATUS THAT REQUIRES PERIODIC INSPECTION AND ROUTINE MAINTENANCE.
  - F. TRANSITION DUCT CONNECTIONS AS REQUIRED TO CONNECT FROM DUCT SIZES SHOWN TO UNIT CONNECTION SIZES. MAKE FINAL CONNECTIONS TO EQUIPMENT WITH FLEXIBLE CONNECTION ISOLATOR.
  - G. COORDINATE FINAL PLACEMENT OF HVAC EQUIPMENT TO MAINTAIN REQUIRED MAINTENANCE CLEARANCES.
  - H. FLEXIBLE DUCTWORK SHALL NOT EXCEED A LINEAR FEET IN EXTENDED LENGTH. SUPPORT DUCTS FROM OVERHEAD STRUCTURE SO AS TO MINIMIZE KINKS AND BENDS. SECURE CONNECTIONS WITH PROPER BAND ATTACHMENTS.
  - I. INSTALL FIRE DAMPERS WHERE REQUIRED BY THE INTERNATIONAL MECHANICAL CODE AND NFPA.
  - J. BOTTOM OF DUCT, B.O.D. TAG REFERENCES DIMENSION FROM ASSOCIATED FLOOR LEVEL TOP OF CONCRETE. FLOOR FINISH THICKNESS IS NOT ACCOUNTED FOR.
  - K. COORDINATE INSTALLATION AND FINAL LOCATION OF WALL-MOUNTED AIR DEVICES WITH ARCHITECTURAL FINISHES AND PLACEMENT OF FURNISHINGS.
  - L. CONTRACTOR SHALL COORDINATE FINAL PLACEMENT OF DUCTWORK AND APPURTENANCES WITH COMPONENTS OF OTHER TRADES.
  - M. REFER TO STRUCTURAL DRAWINGS FOR SEISMIC CLASSIFICATION FOR BUILDING. FURNISH AND INSTALL SEISMIC HANGERS AND SUPPORTS AS REQUIRED.
  - N. ALL ROOF PENETRATIONS TO BE ON NORTH SIDE OF ROOF. PROVIDE DUCTWORK ACCORDINGLY.

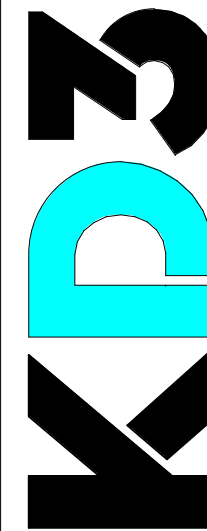



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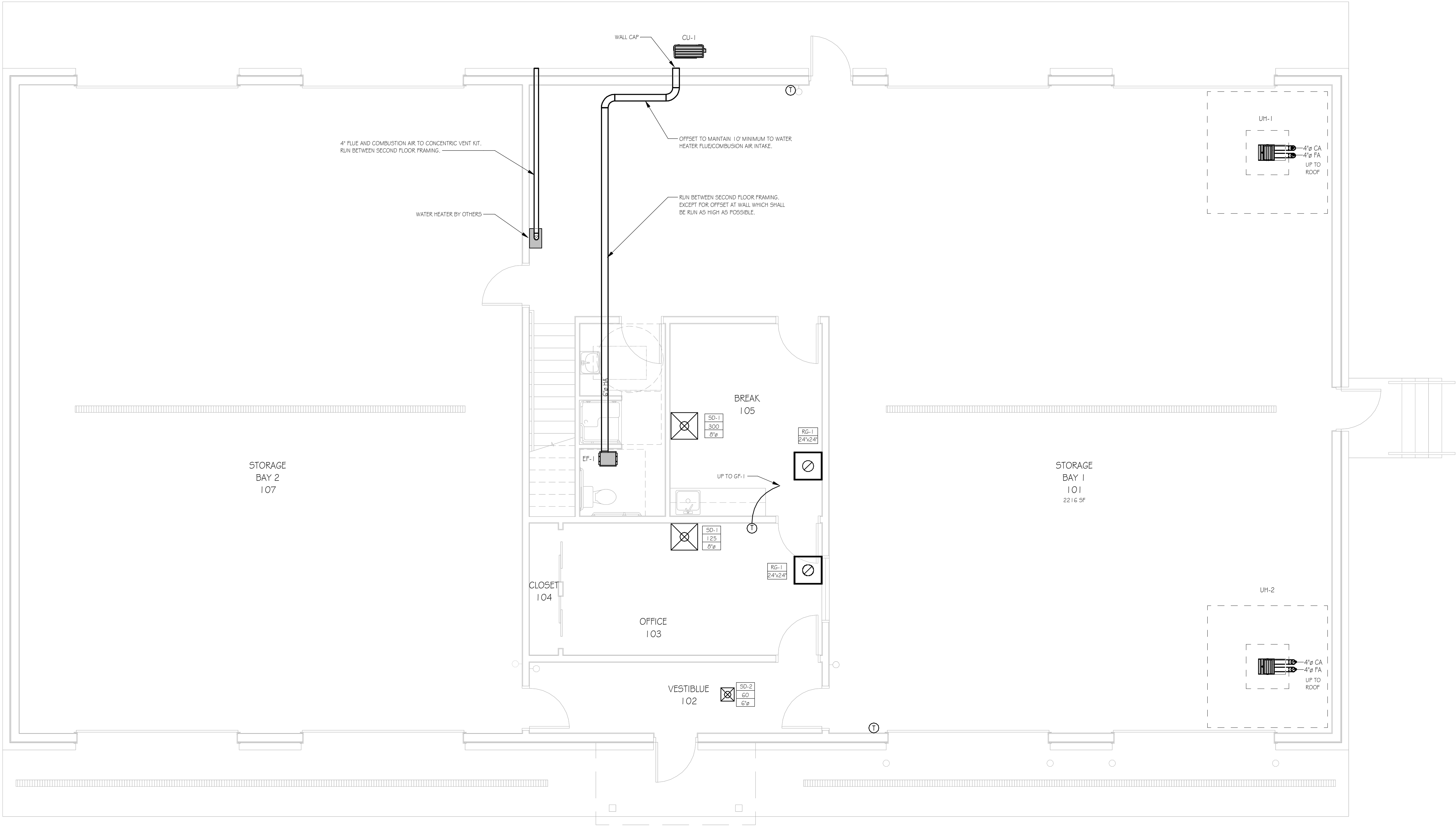


DESIGN STUDIO

STORAGE/MAINTENANCE BUILDING  
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FIRST FLOOR PLAN - HVAC

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DATE :	01/08/2024
SCALE :	AS NOTED
JOB NO:	544-23
SHEET	
M-101	



**FIRST FLOOR PLAN - HVAC**

SCALE: 1/4" = 1'-0"

0 1/2' 1' 1 1/2'