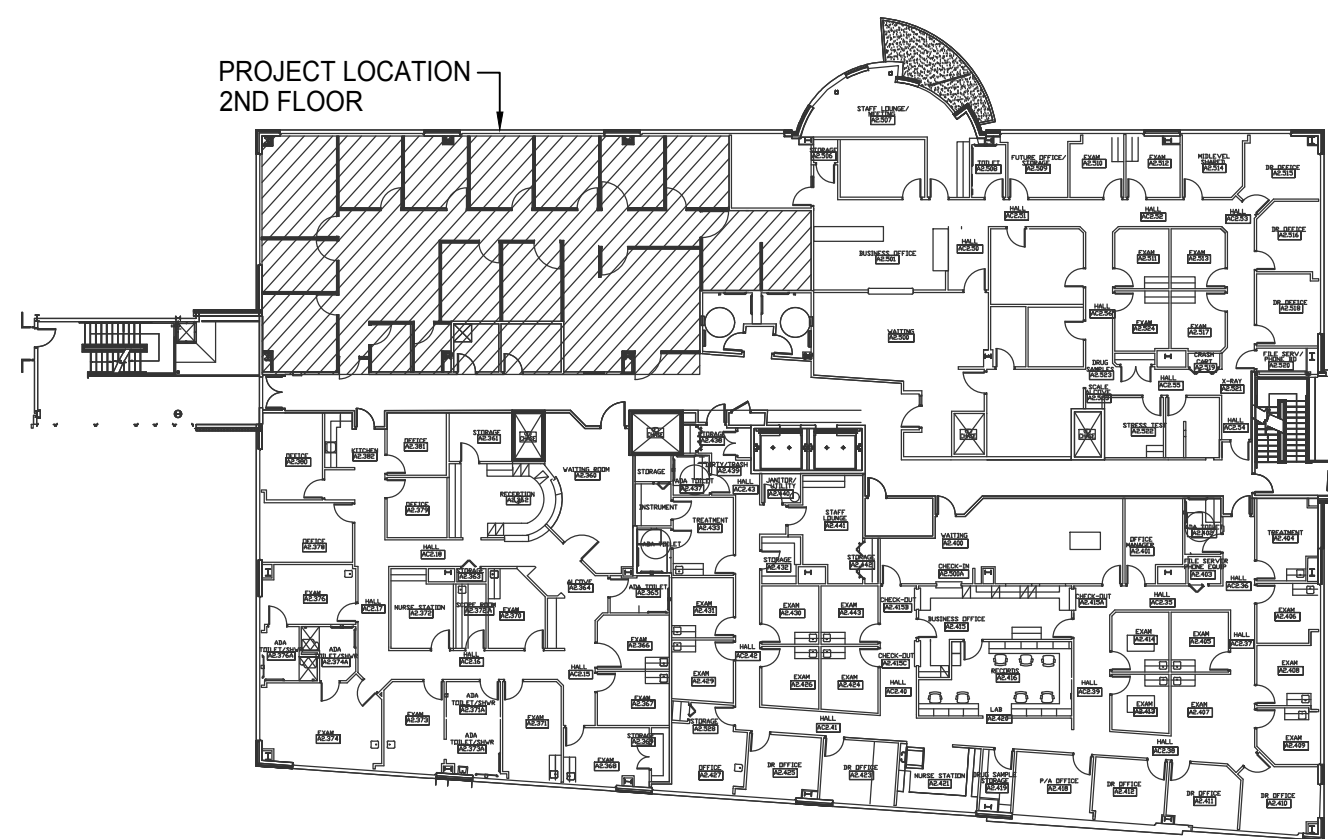
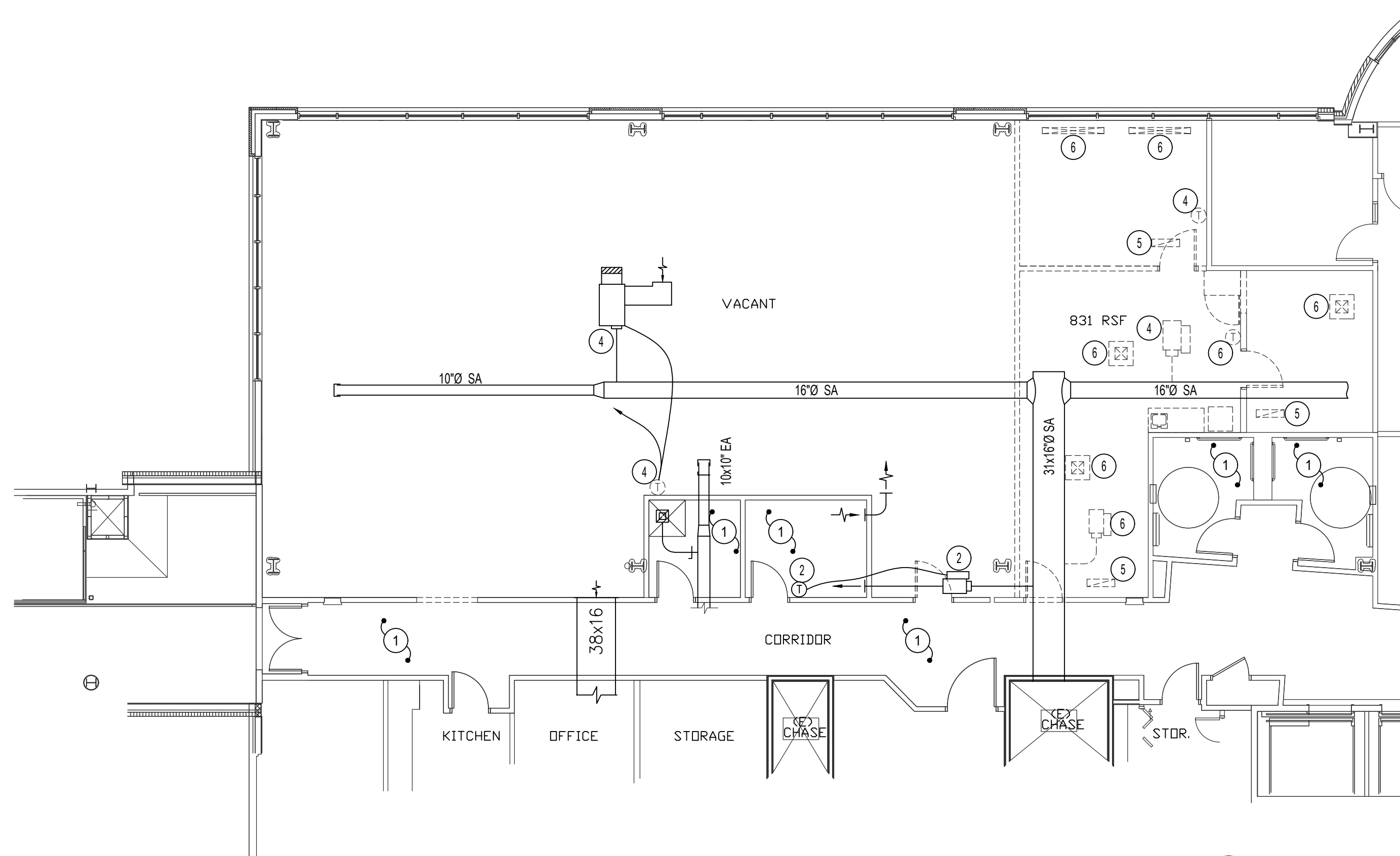


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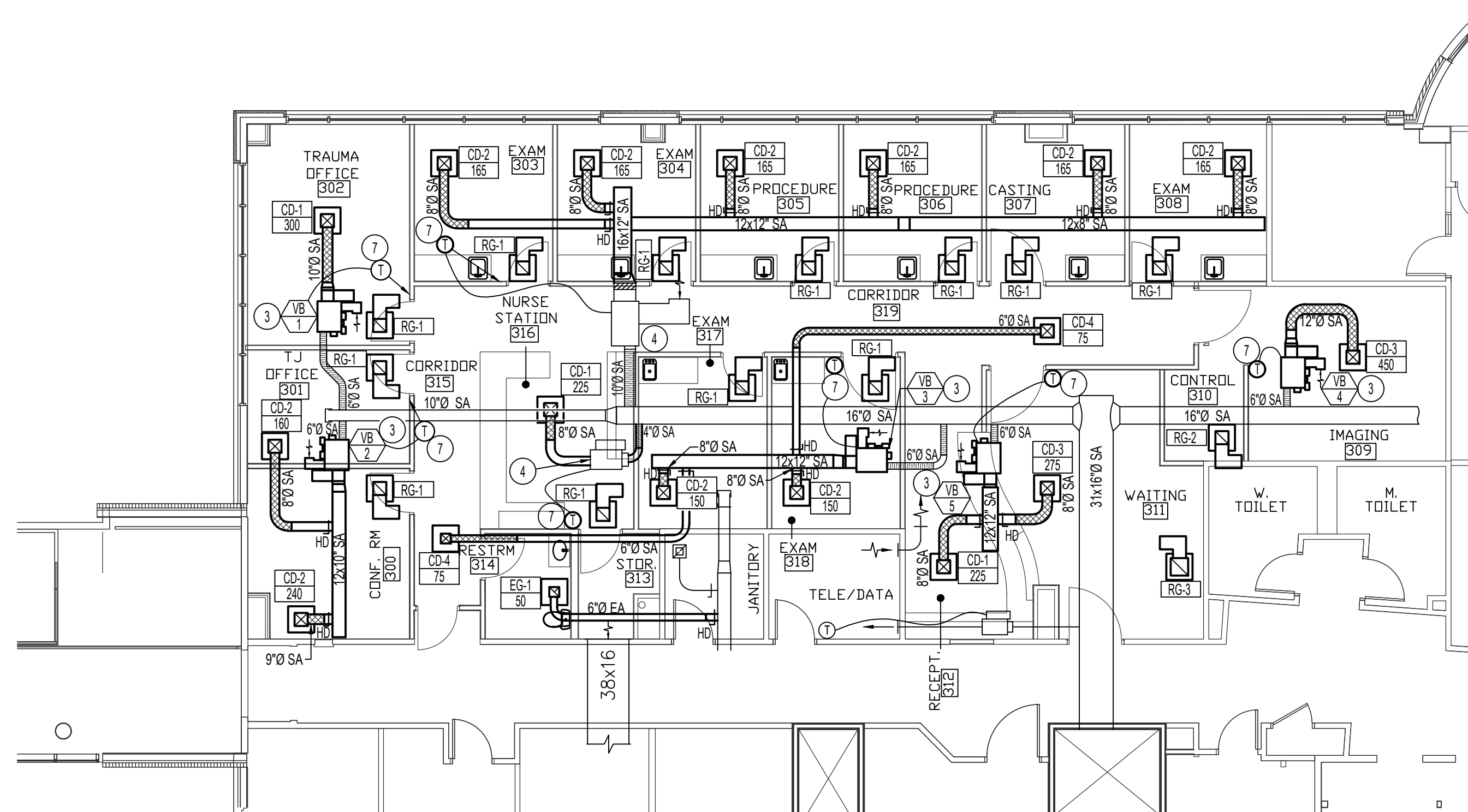


**KEY PLAN**  
NO SCALE



**DEMOLITION 2ND FLOOR MECHANICAL PLAN**

SCALE: 1/8" = 1'-0"



**2ND FLOOR MECHANICAL PLAN**

SCALE: 1/8" = 1'-0"



**PLAN NOTES:**

- 1 NO WORK TO BE DONE IN THIS ROOM. PROTECT DURING CONSTRUCTION.
- 2 EXISTING VAV TO REMAIN. PROTECT DURING CONSTRUCTION.
- 3 INSTALL NEW FAN PACK VOLUME BOX AS SPECIFIED. CONNECT TO EXISTING HIGH PRESSURE DUCTWORK AND RUN LOW PRESSURE DUCTWORK TO NEW DIFFUSERS AS SHOWN. FIELD VERIFY AND COORDINATE ACTUAL LOCATION OF NEW EQUIPMENT AND DUCTWORK WITH EXISTING BUILDING STRUCTURE, ELECTRICAL CONDUITS, AND PIPING.
- 4 EXISTING VOLUME BOX TO BE RE-USED FOR NEW ZONE. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING DUCTWORK AND VAV BOX. CONNECT NEW LOW PRESSURE WITH FLEX DUCT INTO VAV BOX TO SERVE AREAS AS SHOWN ON PLAN. RE-BALANCE VAV FOR NEW ZONE. REPLACE EXISTING CONTROLS WITH NEW. SEE THIS SHEET FOR NEW LOCATION.
- 5 EXISTING GRILLE WITH SOUND BOOT TO BE REMOVED AND DISPOSED OF.
- 6 EXISTING VAV BOX ALONG WITH CORRESPONDING DUCTWORK, DIFFUSERS, AND CONTROLS TO BE REMOVED AND DISPOSED OF. RETURN TO OWNER UPON REQUEST.
- 7 NEW THERMOSTAT AS PER OWNER SPECIFIED DDC SYSTEM.

**GENERAL NOTES:**

- A THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- B THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- C IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- D CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- E DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.
- F ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURES.

**MECHANICAL LEGEND**

SYMBOL	DESCRIPTION
Ⓢ	ELECTRONIC THERMOSTAT
Ⓡ	EQUIPMENT SYMBOL
HD	HAND DAMPER
Ⓡ	ROUND BRANCH DUCT WITH HAND DAMPER
IFD	INSULATED FLEXIBLE DUCT
RA	RETURN AIR OR EXHAUST GRILLE
CD	CEILING DIFFUSER
RF	ROOF MOUNTED UPBLAST EXHAUST FAN

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**MECHANICAL FLOOR PLAN**

REVISIONS: \_\_\_\_\_  
 DATE: SEP 2022  
 DRAWING NO. **M1.1**  
 JOB NO. 2209  
 1 OF 2