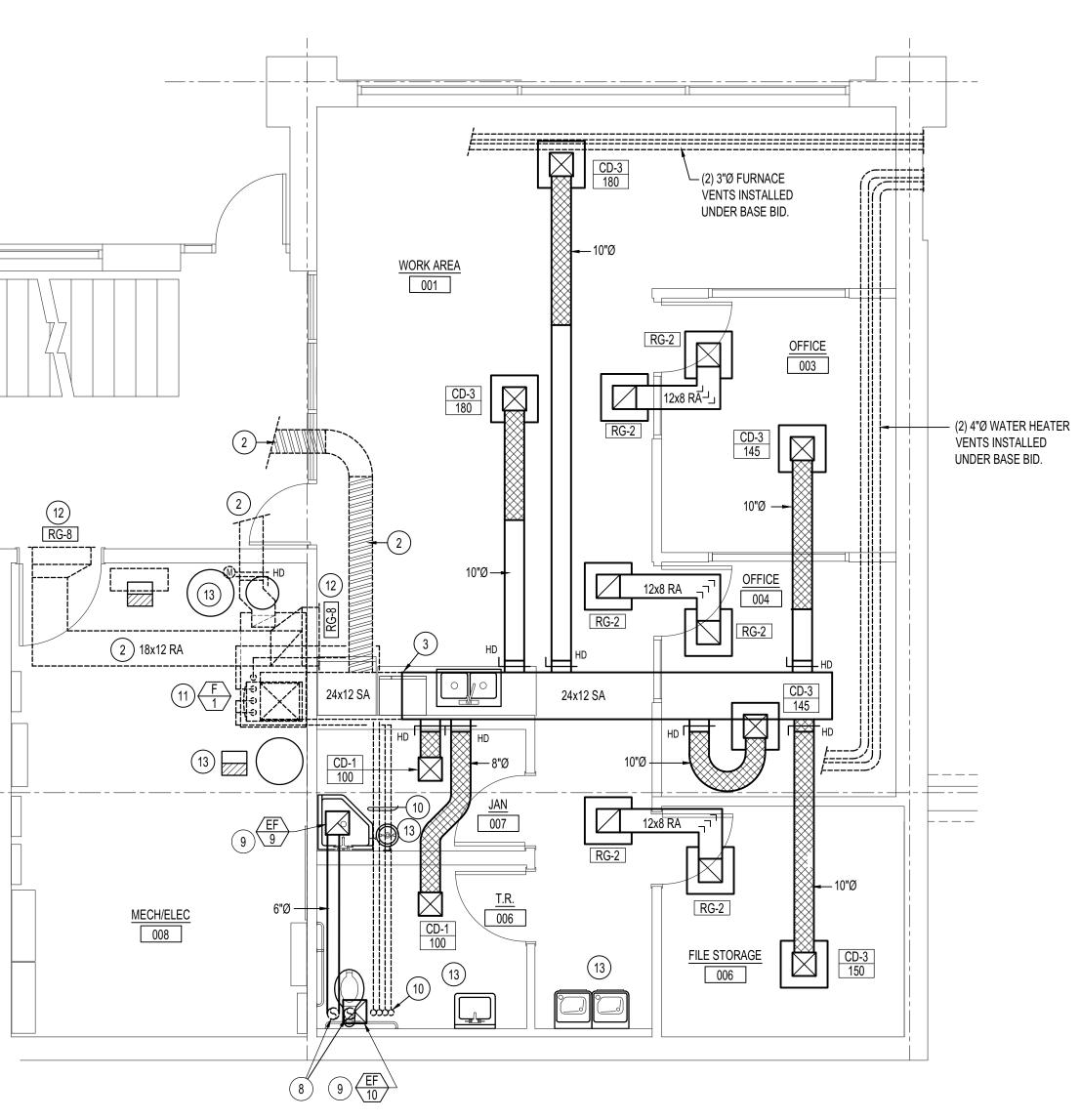


MECHANICAL FLOOR PLAN SCALE: 1/4" = 1'-0" (ALTERNATE #2 BID CONDITIONS.)





 MECHANICAL BASEMENT PLAN

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

 (ALTERNATE #3 BID 0)

 (ALTERNATE #3 BID CONDITIONS)

PLAN NOTES:

) ROOF MOUNTED EQUIPMENT AND DUCTWORK THRU ROOF IS FURNISHED AND INSTALLED UNDER BASE BID CONDITIONS. REFER TO SHEET M101. REFER TO SHEET P101 FOR GAS PIPING TO UNIT ALSO UNDER BASE BID CONDITIONS.

2 DASHED DUCTWORK FURNISHED AND INSTALLED UNDER BASE BID CONDITIONS. (REFER TO SHEET M101.) FIELD VERIFY EXACT SIZE AND LOCATION OF ALL DUCTWORK INSTALLED UNDER BASE

3 CONNECT NEW SUPPLY AND/OR RETURN AIR DUCTWORK TO EXISTING CORRESPONDING DUCTS AS SHOWN. REMOVE ANY BALANCING DAMPERS INSTALLED UNDER BASE BID CONDITIONS. PROVIDE TRANSITIONS AS REQUIRED TO CONNECT NEW DUCT TO EXISTING.

) INSTALL NEW CEILING DIFFUSER OR RETURN AIR GRILLE AS SPECIFIED. RUN NEW BRANCH DUCT AS SHOWN AND CONNECT TO EXISTING DUCTWORK WITH SPIN-IN FITTING AND MANUAL BALANCING DAMPER.

5 MOUNT RETURN AIR GRILLE AT 6" ABOVE FLOOR. RISE 12x3-1/2" UNLINED DUCT UP IN WALL CAVITY TO ABOVE CEILING AND CONNECT TO (LINED) RETURN TRUNK DUCT AS SHOWN. REFER TO DETAIL J/M301 FOR TYPICAL INSTALLATION.

B) RUN DUCTWORK THRU CEILING SPACE. COORDINATE DUCT RUNS WITH PIPING, BUILDING STRUCTURE AND OTHER DUCTWORK.

7 PROVIDE AND INSTALL CEILING MOUNTED EXHAUST FAN AS SPECIFIED. CONNECT TO EXISTING 6"Ø EXHAUST DUCT UP THRU ROOF. REFER TO DETAIL K/M301 FOR TYPICAL INSTALLATION. 8 INSTALL (2) 6"Ø EXHAUST DUCTS UP IN CHASE ABOVE UNDER BASE BID CONDITIONS. (REFER TO SHEET M101.) EXTEND 6"Ø DUCT AS SHOWN AND CONNECT TO NEW CEILING MOUNTED

EXHAUST FANS. PROVIDE AND INSTALL CEILING MOUNTED EXHAUST FAN AS SPECIFIED. CONNECT TO CORRESPONDING EXISTING 6"Ø EXHAUST DUCT UP THRU FLOOR ABOVE.

INSTALL REFRIGERANT PIPING AND (2) 3"Ø FURNACE VENTS
UNDER BASE BID CONDITIONS. (REFER TO SHEET M101.) 1) INSTALL GAS FIRED FURNACE WITH MATCHING DX COIL UNDER BASE BID CONDITIONS. (REFER TO SHEET M101.) P) RETURN AIR GRILLE AT 8'-0" INSTALLED UNDER BASE BID

CONDITIONS. (REFER TO SHEET M101.). COORDINATE NEW DUCTWORK AND PIPING WITH EXISTING GRILLE AND DUCTWORK. 13) REFER TO LARGE SCALE PLANS ON SHEET P201 FOR PLUMBING FIXTURES.

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REVIEWED FOR CODE COMPLIANCE This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project. SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION

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