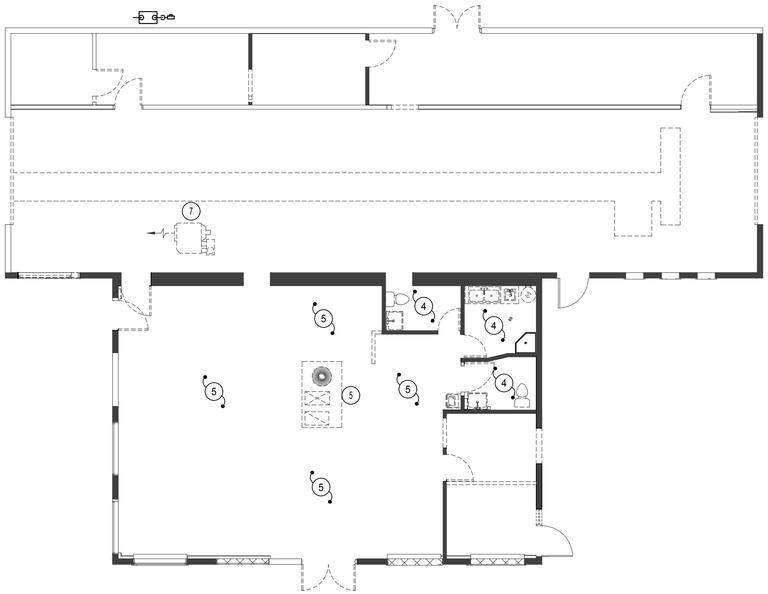
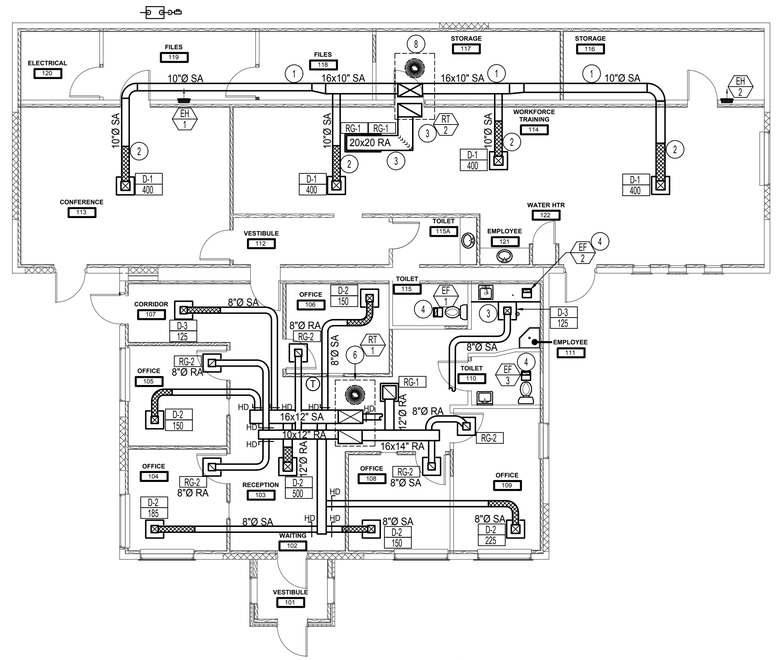


MECHANICAL DEMO FLOOR PLAN

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

North



MECHANICAL FLOOR PLAN

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

North

MECHANICAL NOTES:

1. RUN DUCTWORK EXPOSED AND AS HIGH AS POSSIBLE IN STORAGE SPACE.
2. RUN DUCTWORK EAST TO WEST IN EXISTING T-BEAM SPACE. COORDINATE WITH CEILING PLAN FOR EXACT DIFFUSER/GRILLE LOCATION.
3. A MIN OF QTY (2) 90° ELBOWS BETWEEN GRILLES/DIFFUSERS OF EITHER EQUIPMENT OR OTHER GRILLE/DIFFUSERS.
4. REMOVE EXISTING EXHAUST FAN IN THIS ROOM AND REPLACE WITH NEW. TIE TO EXISTING EXHAUST DUCT.
5. REMOVE EXISTING ROOF TOP UNIT IN APPROXIMATE LOCATION. REMOVE ALL EXISTING CONNECTED DUCTWORK, DIFFUSERS, AND GRILLES. FIELD VERIFY EXACT LOCATIONS.
6. INSTALL NEW ADAPT-A-CURB FOR NEW ROOF TOP UNIT.
7. EXISTING UNIT HEATER ALONG WITH CORRESPONDING MOUNTING HARDWARE, GAS CONNECTION, AND FLUE THRU ROOF TO BE REMOVED AND RETURN TO OWNER. CAP EXISTING ROOF PENETRATION AS REQUIRED.
8. SEE ROOF CURB DETAIL FOR NEW ROOF TOP UNIT. CUT PENETRATIONS THRU ROOF AS REQUIRED FOR NEW DUCTWORK. FIELD VERIFY BEST LOCATION TO AVOID T-BEAM.

GENERAL NOTES:

A- PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS PRIOR TO BID 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.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
T	ELECTRONIC THERMOSTAT
FC 1	EQUIPMENT SYMBOL
CHD	HAND DAMPER
CHD	ROUND BRANCH DUCT WITH HAND DAMPER
	INSULATED FLEXIBLE DUCT
	RETURN AIR OR EXHAUST GRILLE
	CEILING DIFFUSER

PROFESSIONAL ENGINEER REGISTERED STATE OF IDAHO DWAYNE C. SUDWEEKS

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HACP OFFICES

NAME

ISSUED:

MECHANICAL PLAN

M-101