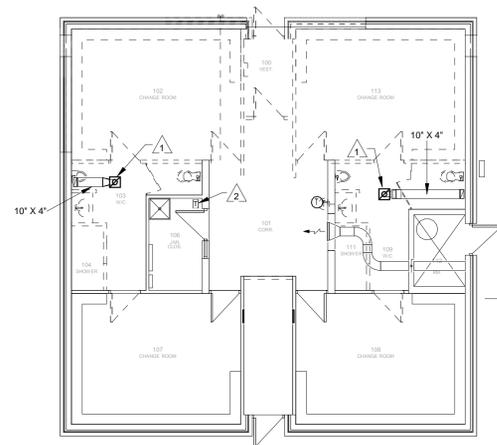
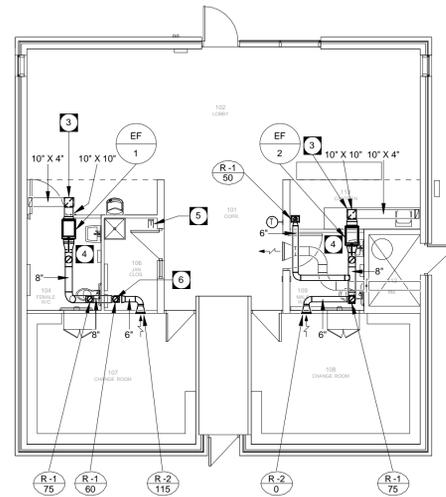


GENERAL NOTES

- FLOOR IS A STRUCTURAL SLAB. STRUCTURAL ENGINEER TO APPROVE ALL FLOOR PENETRATIONS. COORDINATE ALL FLOOR DEMOLITION WITH GENERAL CONTRACTOR BASED ON STRUCTURAL ENGINEER'S APPROVAL.
- FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS.
- INSTALL FIRE DAMPERS ON ALL DUCTS PENETRATING FIRE-RATED WALL ASSEMBLIES, COMPLETE WITH ACCESS DOORS. SEE STANDARD DETAIL. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPES.
- NOT ALL DUCT TRANSITIONS ARE SHOWN ON PLAN. REFER TO DETAILS SHEETS AND SMACNA - HVAC DUCT CONSTRUCTION STANDARDS FOR REQUIRED DUCT TRANSITIONS AND FITTINGS. ALL DUCT TAPS TO BRANCH DUCTS SHALL HAVE 45° ENTRY FITTINGS.
- ALL DUCTWORK SHALL BE SEALED AND INSULATED ACCORDING TO THE MECHANICAL SPECIFICATIONS.
- COORDINATE FINAL THERMOSTAT INSTALLATION HEIGHT WITH THE CONTRACT ADMINISTRATOR.
- REFER TO THE SPECIFICATION FOR ADDITIONAL STANDARD INSTALLATION DETAILS.
- DUCT INSULATION MATERIALS SHALL MEET THE SMOKE AND FLAME-SPREAD REQUIREMENTS FOR PLENUM INSULATION.
- PROVIDE MANUAL BALANCE DAMPERS FOR EACH EXHAUST, SUPPLY AND RETURN AIR GRILLE WHERE AN AIR VOLUME HAS BEEN PROVIDED.
- INSTALL BALANCE DAMPERS AS FAR AWAY FROM GRILLES OR DIFFUSERS SERVED AS PRACTICALLY POSSIBLE.
- INSTALL ALL BALANCE DAMPERS IN AN EASILY ACCESSIBLE LOCATION.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF GRILLES AND DIFFUSERS.



1 MAIN FLOOR PLAN - HVAC DEMOLITION
M2.1 SCALE: 1/8" = 1'-0"



2 MAIN FLOOR PLAN - HVAC RENOVATION
M2.1 SCALE: 1/8" = 1'-0"

KEY NOTES

- 1 DEMOLISH EXISTING WASHROOM CEILING FAN. CLOSE IN CEILING PENETRATION TO MATCH SURROUNDING.
- 2 REMOVE EXISTING TIMER.
- 3 CONNECT NEW EXHAUST FAN DUCTWORK TO EXISTING DUCTWORK. LOCATE FAN IN CEILING SPACE, ROUTE NEW DUCTWORK IN CEILING SPACE AND AVOID EXISTING PIPING.
- 4 PROVIDE NEW LOCKABLE ACCESS DOOR FOR PERSON ACCESS ABOVE CEILING SPACE. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- 5 PROVIDE NEW DIGITAL TIMER AND CONNECT TO EXISTING MAU IN MECHANICAL ROOM 112. INTERLOCK OPERATION OF EXHAUST FANS TO MAKEUP AIR UNIT OPERATION.
- 6 PROVIDE FIRE DAMPER ON GRILLE AT JANITOR ROOM CEILING.

HVAC LEGEND

	SUPPLY AIR/OUTSIDE AIR DUCT RISER
	RETURN AIR/EXHAUST AIR DUCT RISER
	MANUAL BALANCING DAMPER
	FIRE DAMPER & ACCESS DOOR
	MOTORIZED DAMPER, BLADES PARALLEL W/ FLOOR UNLESS NOTED OTHERWISE
	BACK DRAFT DAMPER
	THERMAL INSULATION
	ACOUSTIC INSULATION
	DIFFUSER TAG / GRILLE TAG
	EQUIPMENT TAG
	KEY NOTE
	DEMOLITION NOTE
	THERMOSTAT
	TIMER

1 14.03.14 ISSUED FOR CONSTRUCTION

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MAIN FLOOR HVAC - DEMOLITION & RENOVATION

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M2.1