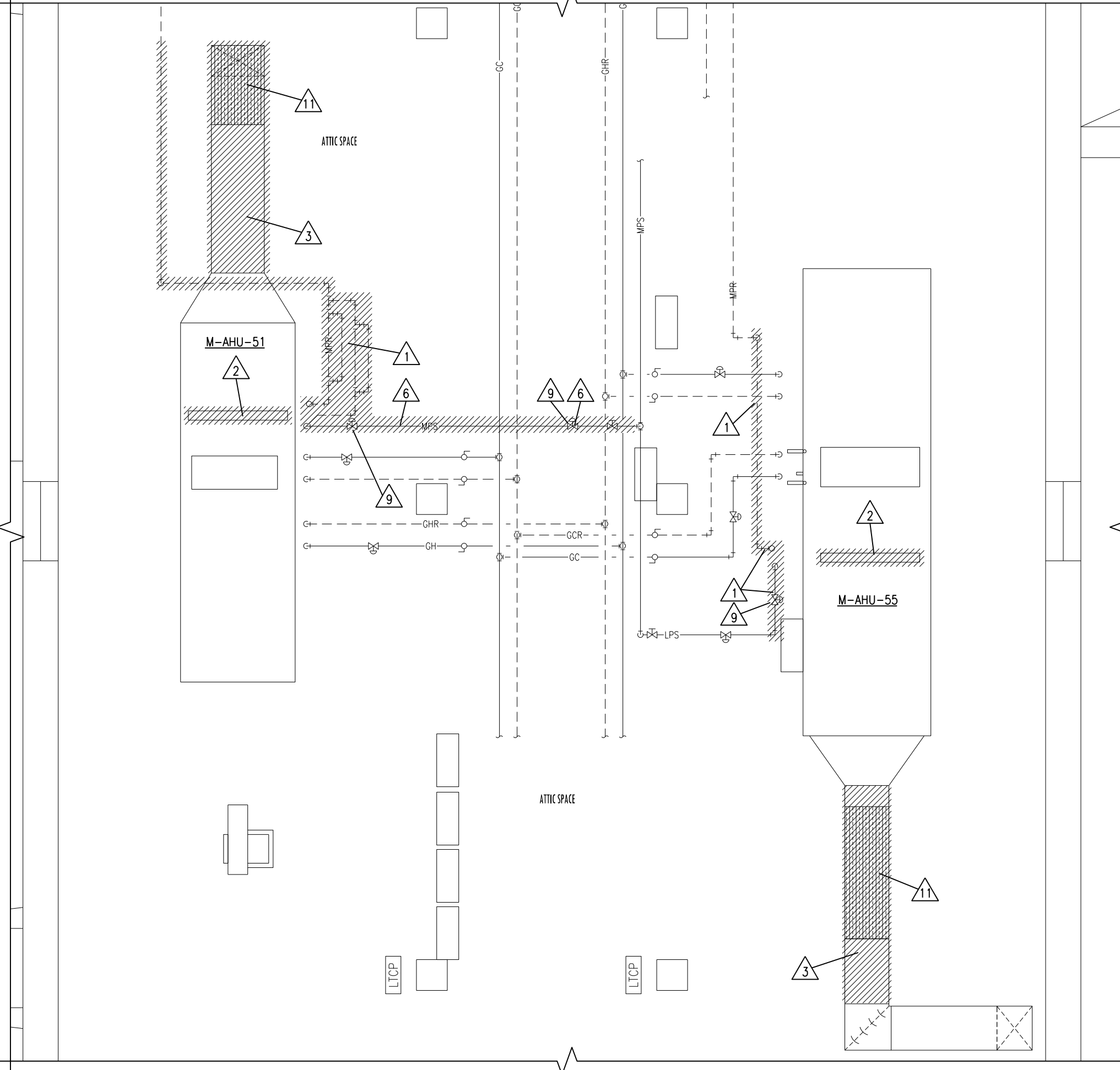
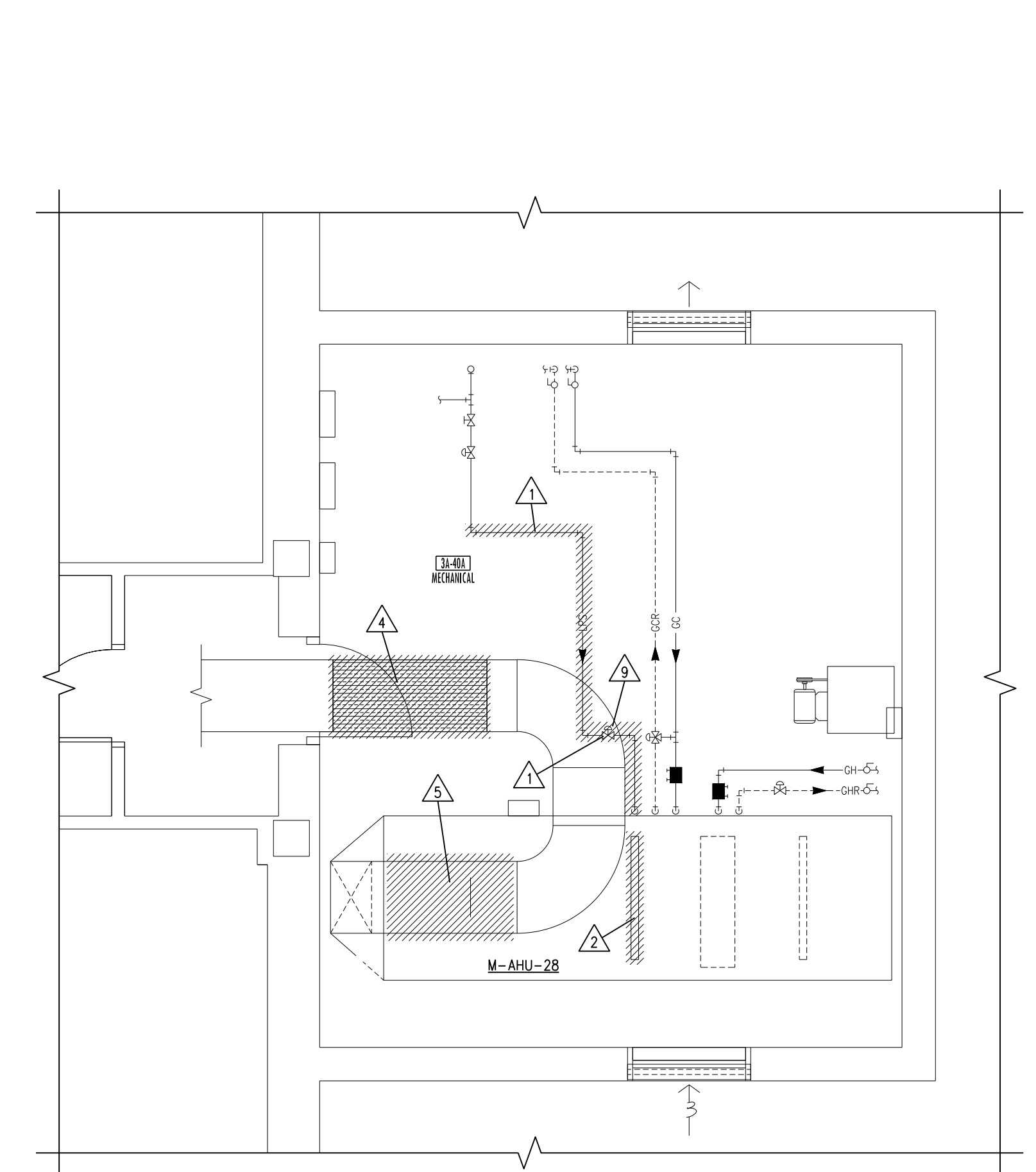


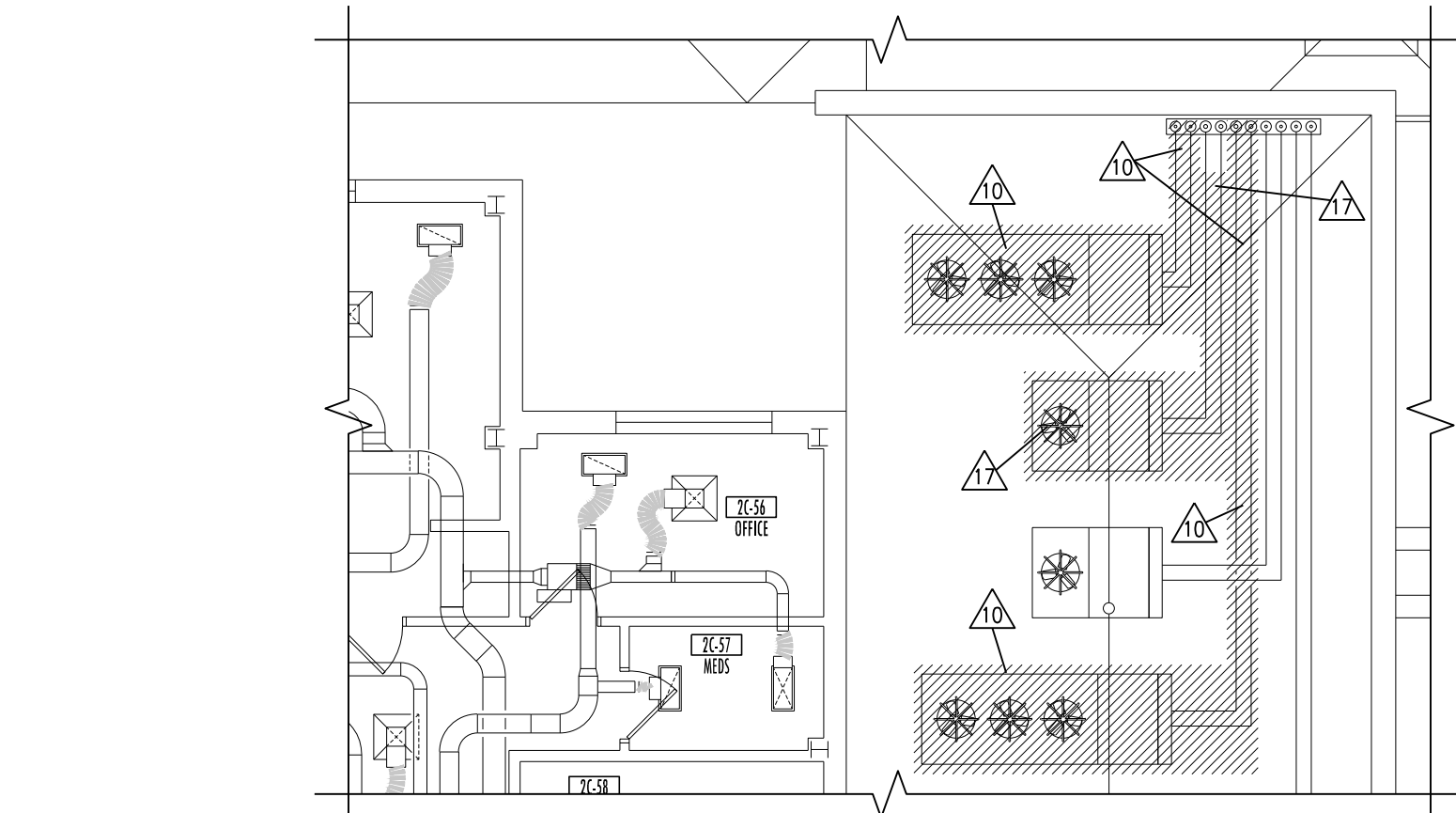
12 EXISTING LAYOUT PENTHOUSE DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



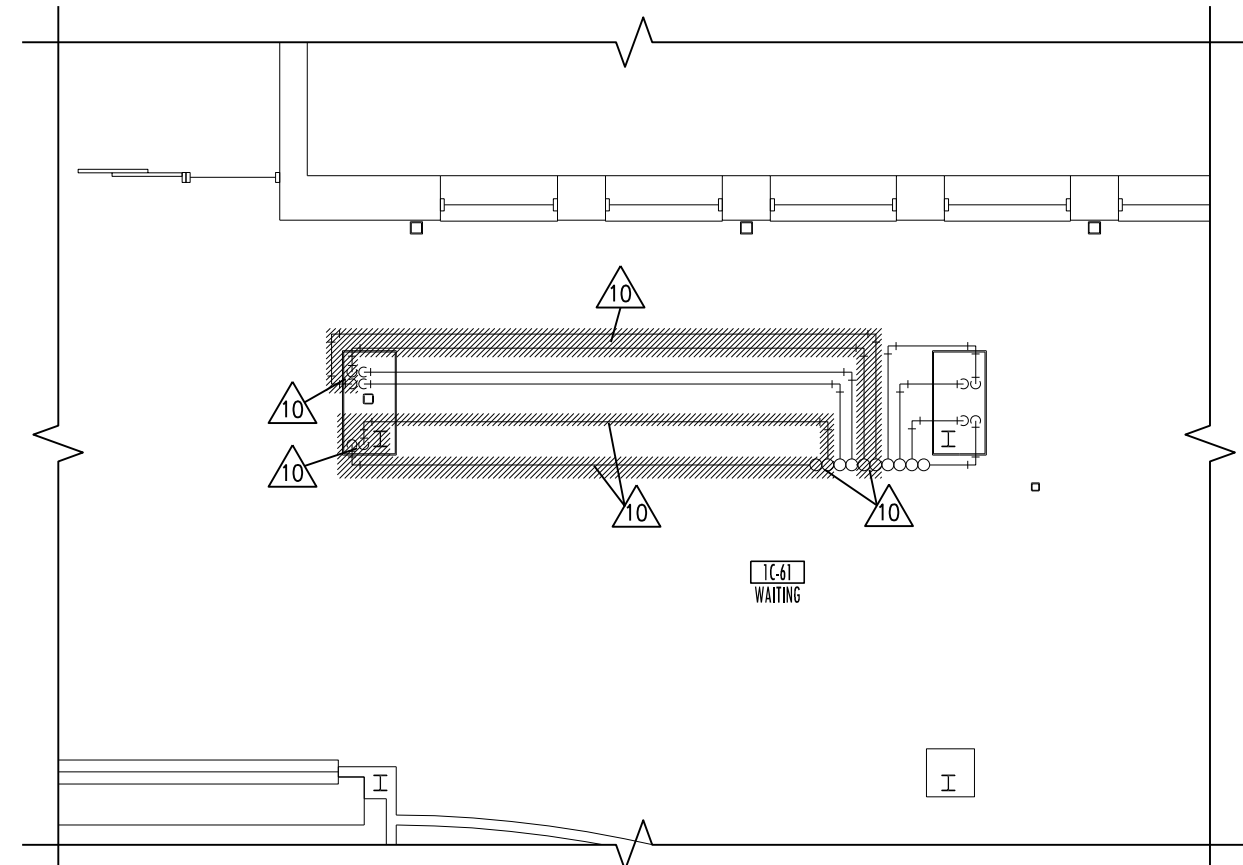
6 EXISTING LAYOUT ATTIC SPACE DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



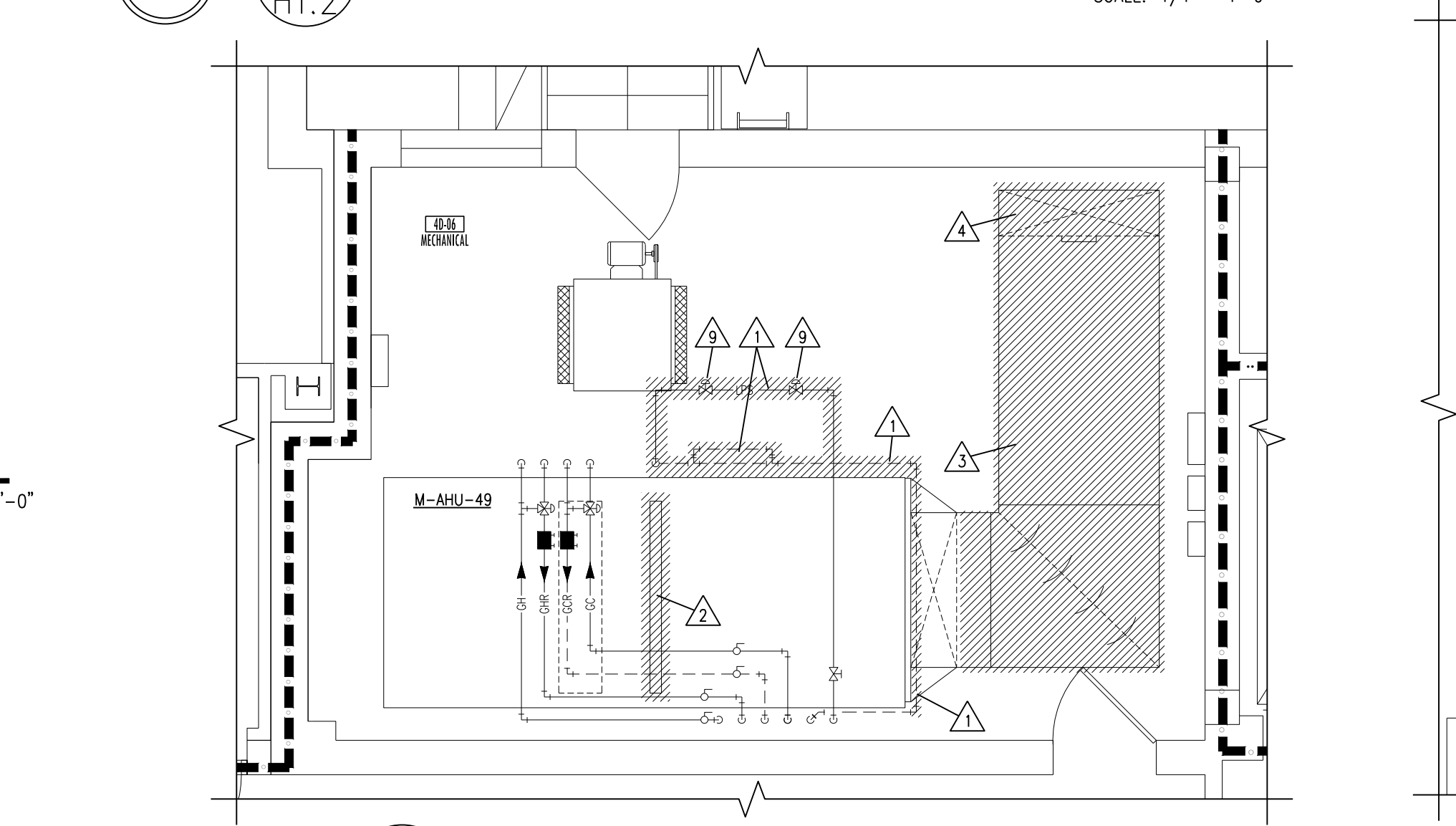
3 EXISTING LAYOUT 3A-40A DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



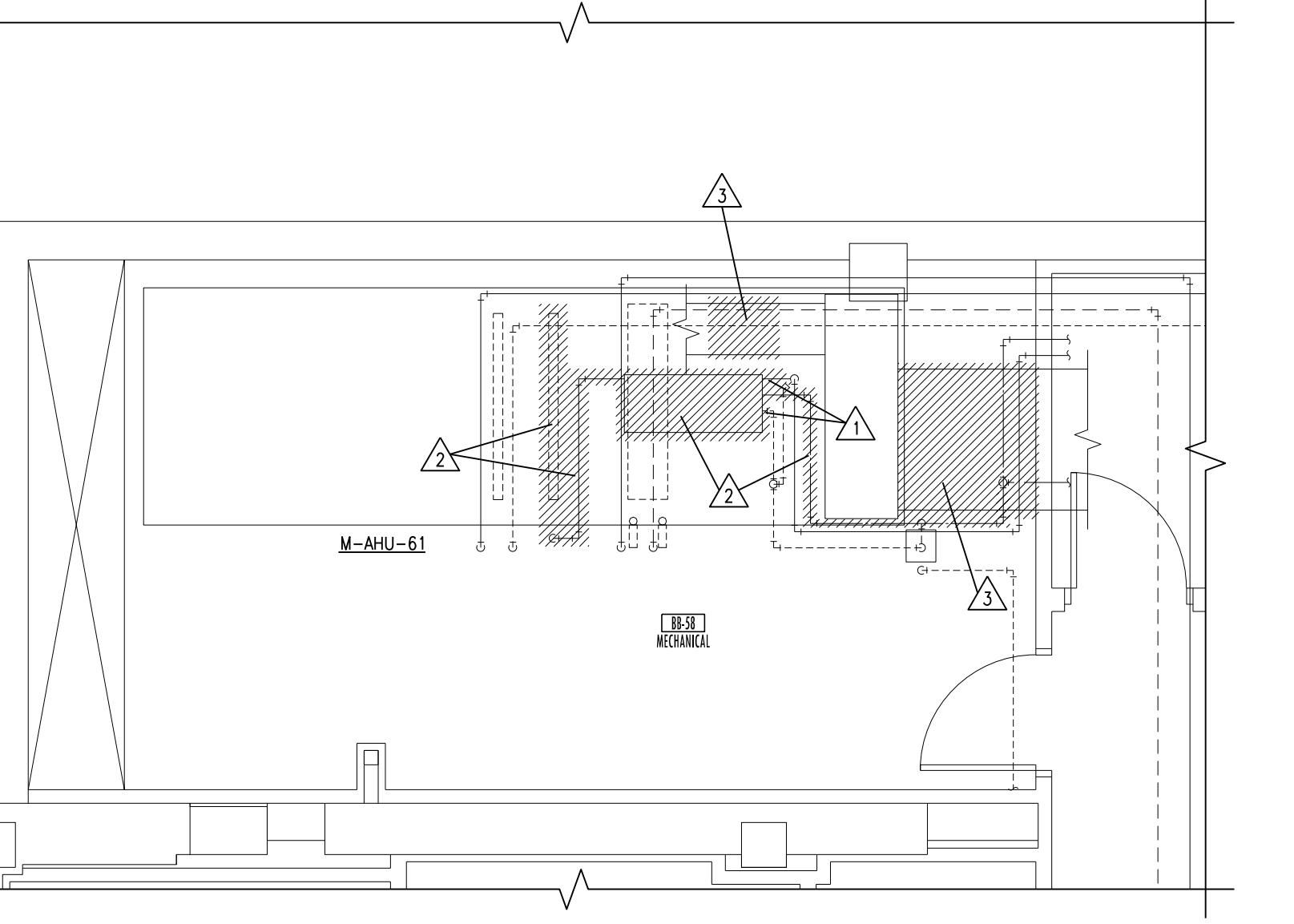
11 EXISTING LAYOUT FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



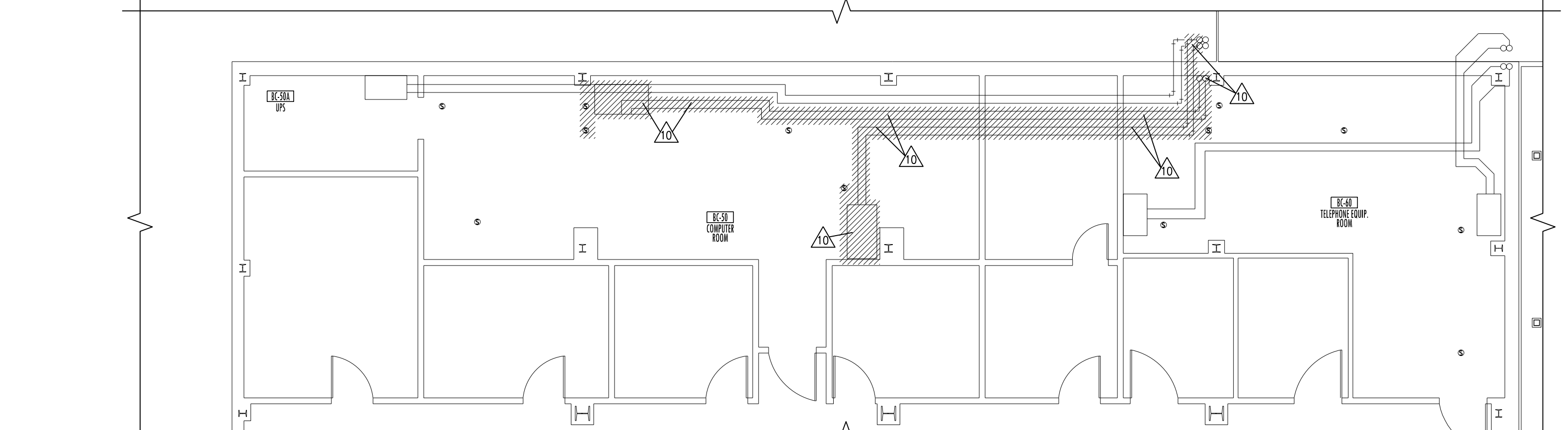
10 EXISTING LAYOUT 1C-61 DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



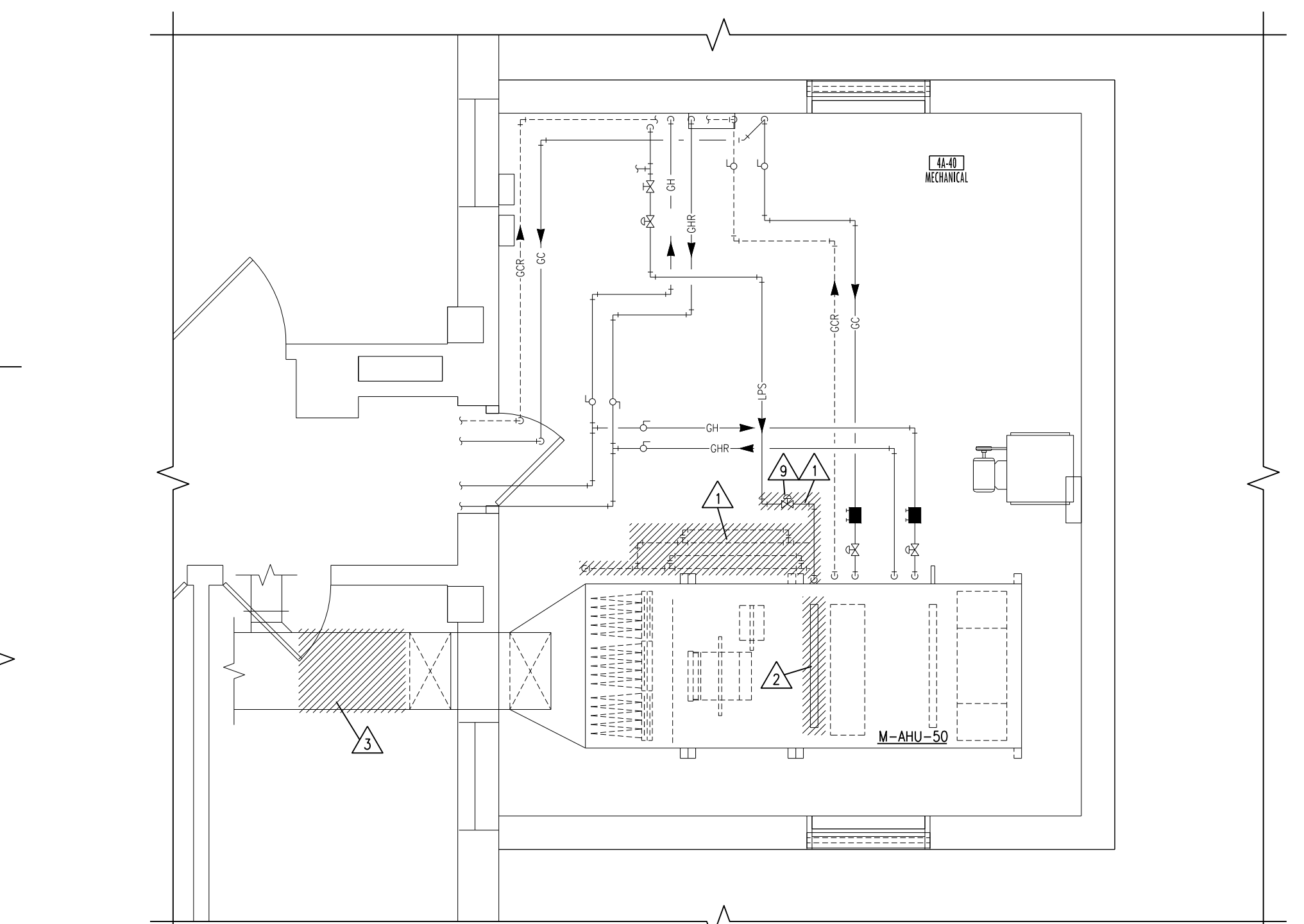
5 EXISTING LAYOUT 4D-06 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



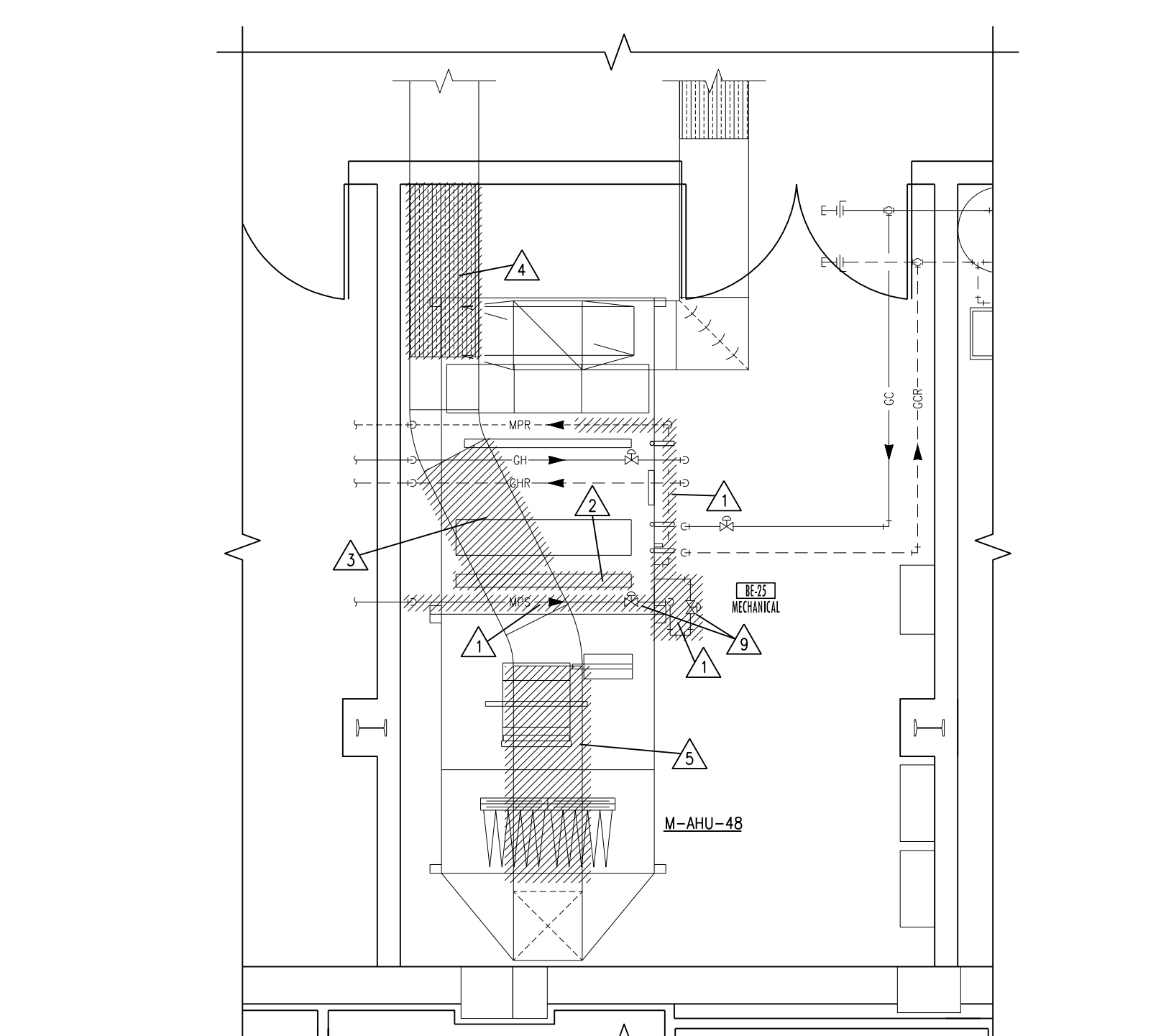
2 EXISTING LAYOUT BB-58 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



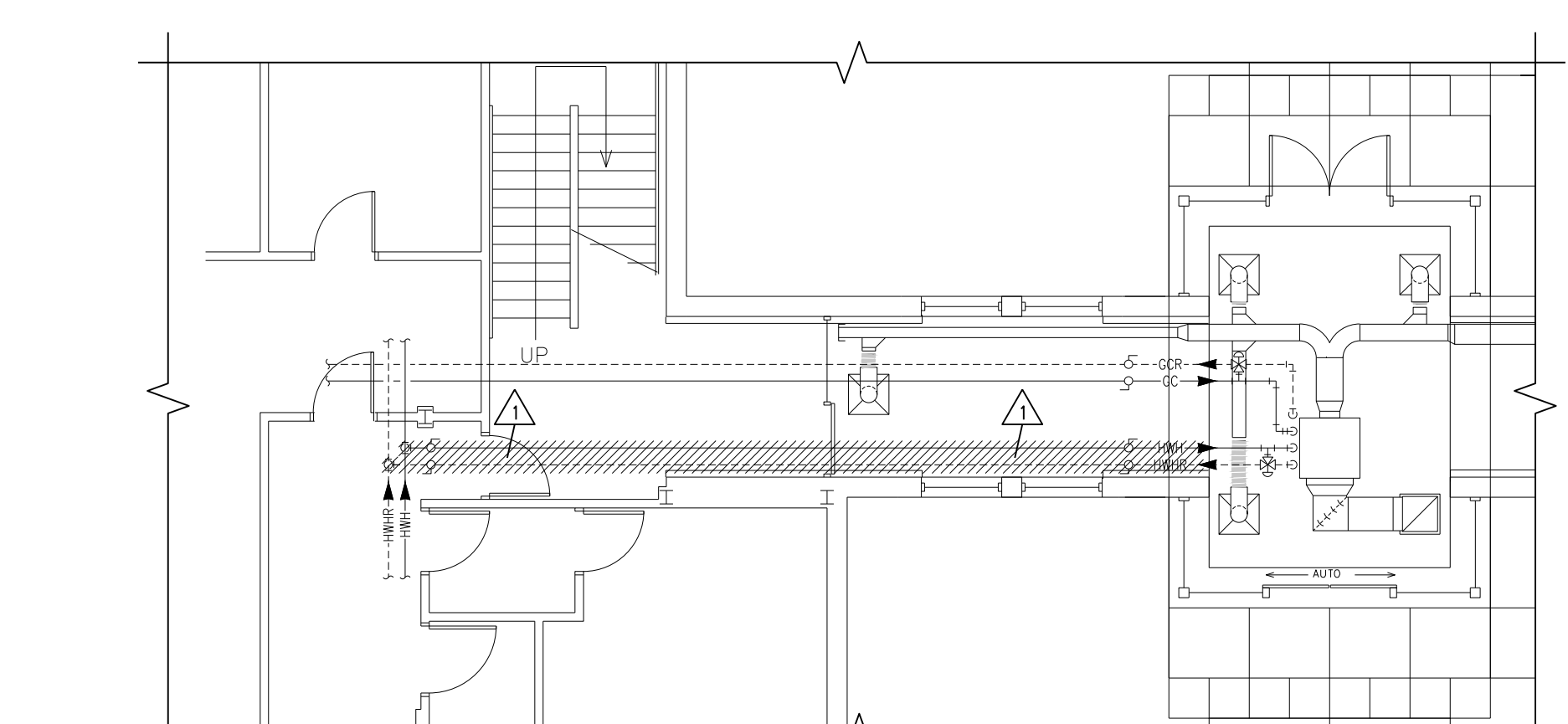
9 EXISTING LAYOUT BC-50, BC50A, & BC-70 DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



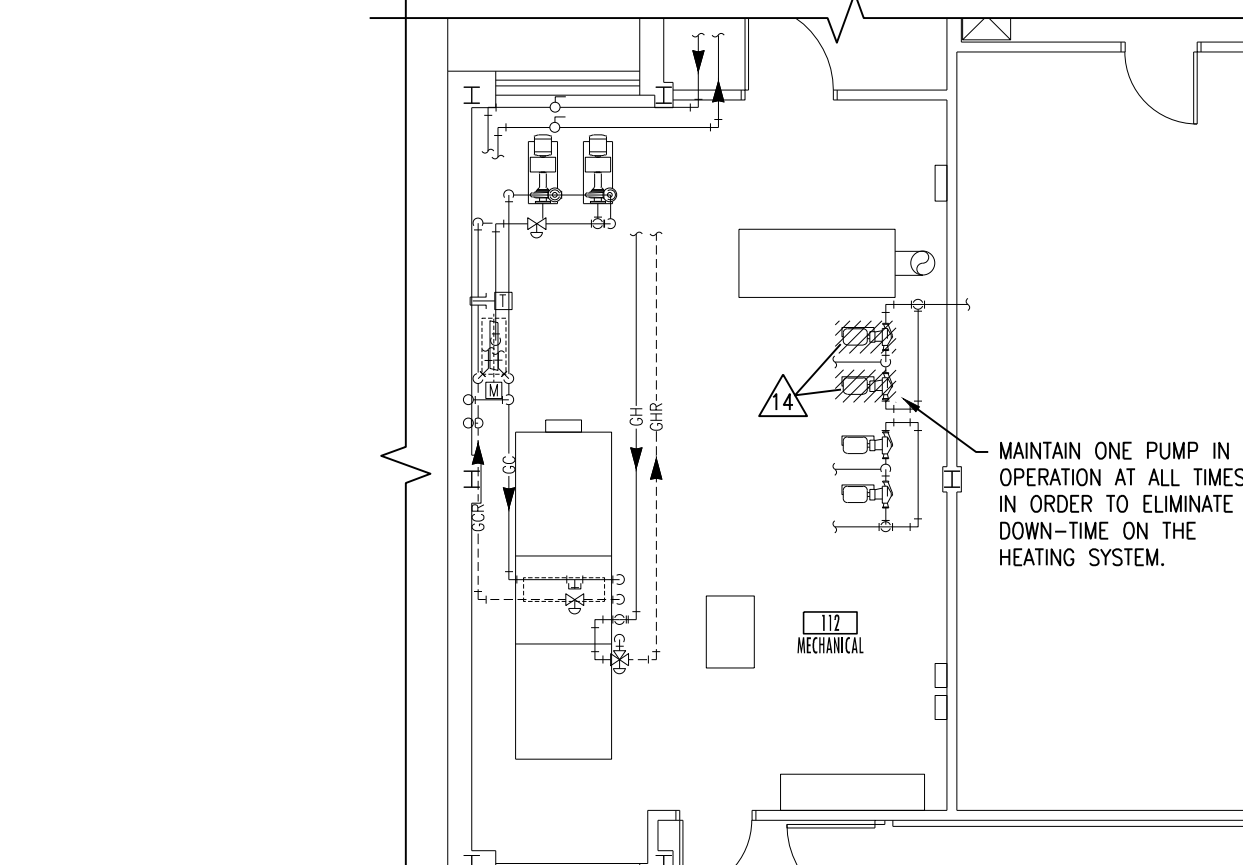
4 EXISTING LAYOUT 4A-40 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



1 EXISTING LAYOUT BE-25 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



8 EXISTING LAYOUT CONNECTING LINK DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



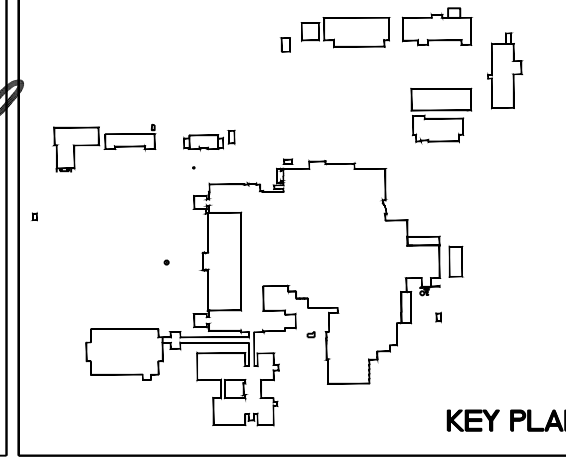
7 EXISTING LAYOUT BLDG 40 DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

- AIR HANDLER PHASING NOTES:**
1. ALL AIR HANDLER REPLACEMENTS SHALL BE PERFORMED IN APRIL/MAY OR SEPTEMBER/OCTOBER MONTHS IN CAREFUL COORDINATION WITH THE OWNER. PROVIDE A MINIMUM OF 2 WEEKS NOTICE PRIOR TO BEGINNING WORK.
 2. FOR TEMPORARY AIR HANDLER OPERATION, PROVIDE A TEMPORARY FAN EQUAL TO THE UNIT AIRFLOW/HORSE POWER AND HEPA FILTER TO BE MOUNTED TO THE SUPPLY DUCTWORK PRIOR TO REMOVING UNIT. REFER TO FLOOR PLANS FOR SUGGESTED TEMPORARY SUPPLY FAN LOCATION. FAN SHALL RUN CONTINUOUSLY. MAINTAIN THE MECHANICAL ROOM TEMPERATURE AT A MINIMUM OF 55 DEGREES AND MAXIMUM OF 70 DEGREES DURING AHU CHANGE OUT USING EXISTING HEATING UNITS OR TEMPORARY COOLING/HEATING UNITS. OUTSIDE AIR RETURN AIR, RELIEF AIR, AND SUPPLY AIR DUCTS SHALL BE LEFT OPEN TO USE THE MECHANICAL ROOM AS A PLENUM.
 3. ALL UNIT SHUTDOWN WORK SHALL BE COMPLETED DURING WEEKEND AND EVENING HOURS. REPLACEMENT OF UNIT SHALL BE COMPLETED AS QUICKLY AS POSSIBLE WITH MULTIPLE SHIFTS REQUIRED TO EXPEDITE WORK. ALL CONTROLS WORK THAT CAN BE COMPLETED BEFORE AND SHALL BE COMPLETED. WORK SHALL BE COMPLETED DURING SPRING, FALL, OR WINTER MONTHS.
 4. DISASSEMBLE NEW AIR HANDLERS TO THEIR SMALLEST COMPONENTS AS REQUIRED TO FIT THROUGH EXISTING DOORS. TEMPORARILY REMOVE EXISTING MECHANICAL ROOM DOORS AS NECESSARY.

- AIR HANDLER CONTROLS & HUMIDIFIER RELOCATION PHASING NOTES:**
1. MECHANICAL CONTRACTOR SHALL INSTALL ALL NEW CONTROLS DEVICES, PANELS, WIRING, ETC. AS MUCH AS POSSIBLE BEFORE SYSTEM SWITCHOVER TO NEW CONTROLS SYSTEM.
 2. ALL CONTROLS SYSTEM SWITCHOVERS SHALL BE CAREFULLY COORDINATED WITH THE VA AND SHALL OCCUR DURING EVENING OR WEEKEND HOURS AND SHALL BE KEPT TO A MINIMUM AMOUNT OF TIME. PROVIDE A MINIMUM OF 2 WEEKS OF ADVANCE NOTICE BEFORE STARTING WORK. SWITCHOVERS SHALL OCCUR AT THE BEGINNING OF THE WEEK AND THE UNIT SHALL BE MONITORED ALL WEEK LONG TO PREVENT ISSUES WITH TEMPERATURE CONTROL.
 3. INSTALL ALL NEW VALVES, PIPING, CONTROLS, ETC. AS MUCH AS POSSIBLE PRIOR TO RELOCATING EXISTING HUMIDIFIERS.
 4. ALL WORK TO RELOCATE THE HUMIDIFIERS OR ATTENUATORS SHALL TAKE PLACE DURING EVENING OR WEEKEND HOURS WITH A MINIMUM 2 WEEK NOTICE GIVEN TO THE OWNER BEFORE STARTING WORK AND SHALL BE KEPT TO A MINIMUM AMOUNT OF TIME. OBTAIN ALL FIELD MEASUREMENTS AND FABRICATE DUCTWORK PRIOR TO DEMOLITION TO MINIMIZE DOWNTIME. WORK TO OCCUR DURING NON-HEATING MONTHS.
 5. FOR ALL AIR HANDLERS SERVING AREAS THAT OPERATE 24/7, PROVIDE TEMPORARY DUCTWORK TO KEEP THE UNIT OPERATIONAL DURING HUMIDIFIER AND DUCTWORK MODIFICATIONS.

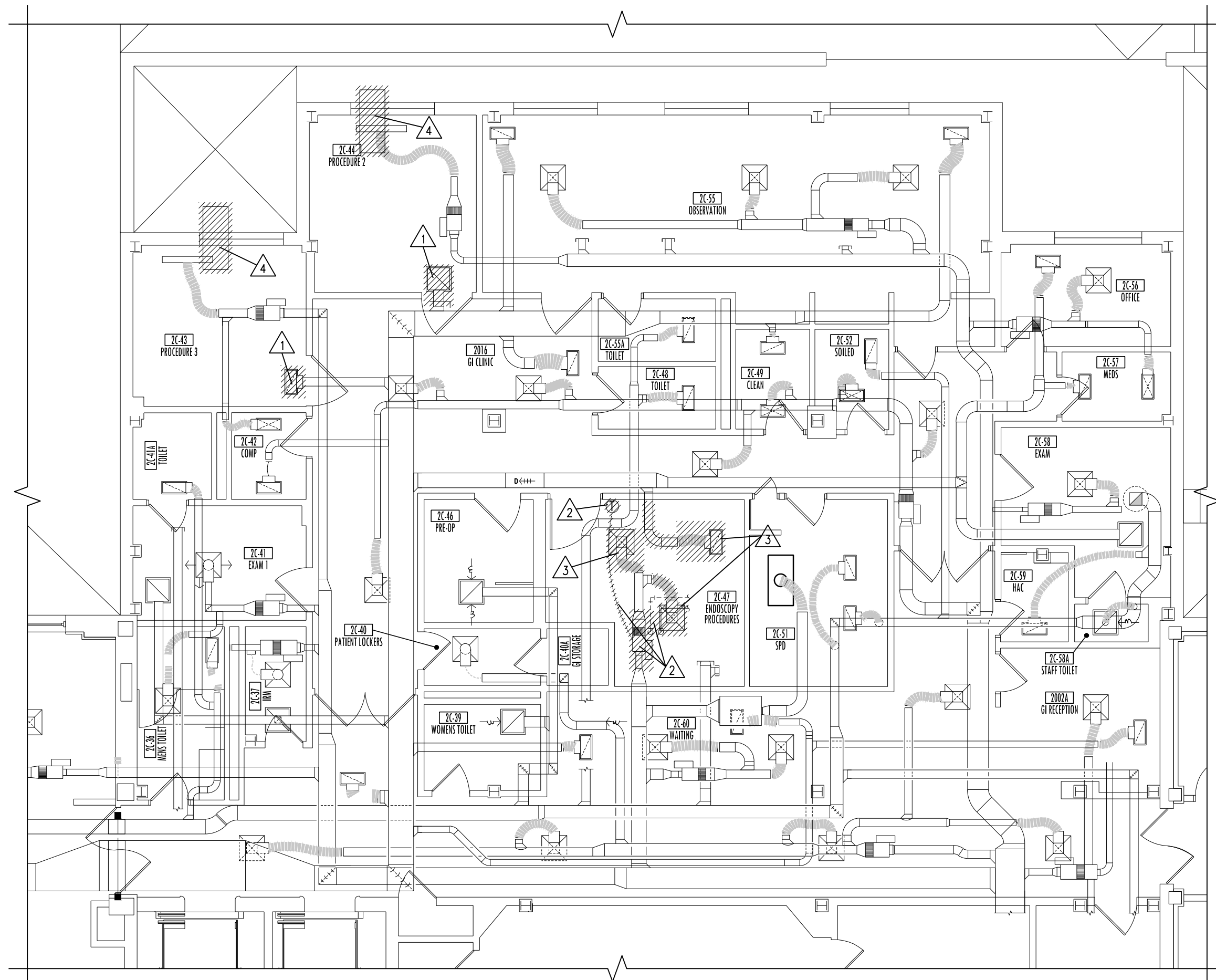
- COMPUTER ROOM UNIT PHASING NOTES:**
1. ALL WORK IN THE IT AND UPS ROOMS SHALL BE CAREFULLY COORDINATED WITH THE VA PRIOR TO THE START OF ANY WORK AND SHALL BE KEPT TO A MINIMUM AMOUNT OF TIME.
 2. ONLY ONE COOLING UNIT SHALL BE REPLACED AT ANY GIVEN TIME.
 3. PROVIDE TEMPORARY COOLING TO MAINTAIN A MAXIMUM TEMPERATURE OF 72 DEGREES IN THESE SPACES DURING ANY UNIT SHUTDOWNS.

- MECHANICAL DEMOLITION NOTES:**
- A. DEMOLITION DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE BASED ON FIELD OBSERVATION AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND REPORT THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.
 - B. THIS CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILING FOR DEMOLITION OF EXISTING HVAC PIPING, DUCTWORK, EQUIPMENT, ETC. AS REQUIRED.
 - C. THIS CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND OR CEILING FROM DEMOLISHED HVAC PIPING, DUCTWORK, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILING TO MATCH EXISTING.
- △ DISCONNECT AND REMOVE EXISTING HVAC PIPING AND ALL ASSOCIATED HANGERS, VALVES, ETC. PREPARE REMAINING PIPING FOR NEW CONNECTION.
 - △ DISCONNECT AND REMOVE EXISTING HUMIDIFIER AND ALL ASSOCIATED STEAM AND CONDENSATE PIPING, VALVES, CONTROLS, ETC.
 - △ DISCONNECT AND REMOVE EXISTING DUCTWORK FOR INSTALLATION OF NEW HUMIDIFIER. PREPARE REMAINING DUCTWORK FOR NEW CONNECTION.
 - △ DISCONNECT AND RELOCATE EXISTING SOUND ATTENUATOR LOCATED IN VERTICAL DUCT. PREPARE REMAINING DUCTWORK FOR NEW CONNECTION.
 - △ DISCONNECT AND REMOVE EXISTING DUCTWORK FOR INSTALLATION OF EXISTING ATTENUATOR. PREPARE REMAINING DUCTWORK FOR NEW CONNECTION.
 - △ DISCONNECT AND REMOVE EXISTING HVAC PIPING AND ALL ASSOCIATED HANGERS, VALVES, ETC. CAP PIPING BACK AT MAN.
 - △ DISCONNECT AND REMOVE EXISTING AHU AND ALL ASSOCIATED DUCTWORK, HANGERS, PIPING, CONTROLS, VFD'S, STEEL RAIL, ETC. PREPARE REMAINING DUCTWORK AND PIPING FOR NEW CONNECTION.
 - △ DISCONNECT AND REMOVE EXISTING FAN AND ALL ASSOCIATED DUCTWORK, HANGERS, CONTROLS, ETC.
 - △ RETAIN EXISTING HUMIDIFIER VALVES FOR RELOCATION.
 - △ DISCONNECT AND REMOVE EXISTING A/C UNIT AND ALL ACCESSORIES. DEMO ALL ASSOCIATED PIPING, INSULATION, HANGERS, FITTINGS, UNIT ROOF SUPPORTS, ETC. CAP PIPING BACK AT MAN. PATCH ROOF EXISTING ROOF TO MATCH EXISTING. DISCONNECT EXISTING WATER AND CONDENSATE LINES AND PREPARE FOR RECONNECTION TO NEW UNITS. RELOCATE EXISTING FLOOR MOISTURE SENSOR. SEE PHASING NOTES.
 - △ DISCONNECT AND REMOVE EXISTING SOUND ATTENUATOR AND ALL ASSOCIATED DUCTWORK, INSULATION, ETC. PREPARE REMAINING DUCTWORK FOR NEW CONNECTION.
 - △ DISCONNECT AND REMOVE EXISTING SPRINKLER HEADS AND ALL ASSOCIATED PIPING, HANGERS, ET. IN AREAS WHERE EXISTING DUCTWORK IS BEING DEMO. PREPARE REMAINING PIPING FOR NEW CONNECTION.
 - △ REMOVE EXISTING PNEUMATIC TEMP. CONTROL PANEL COMPONENTS THAT ARE BEING REPLACED BY NEW DDC PANEL. LEAVE ANY PNEUMATIC COMPONENTS OPERATIONAL THAT ARE NOT BEING REPLACED OR SERVE OTHER UNITS.
 - △ DISCONNECT AND REMOVE EXISTING PUMPS AND ALL ASSOCIATED VALVES, VETS, HANGERS, ETC. PREPARE REMAINING PIPING FOR RECONNECTION TO NEW PUMPS.
 - △ DISCONNECT AND REMOVE EXISTING HUMIDIFIER AND ALL ASSOCIATED STEAM AND CONDENSING PIPING, VALVES, CONTROLS, ETC. PREPARE REMAINING DUCTWORK FOR NEW CONNECTION.
 - △ IF ALTERNATE DUCT TO REPLACE AHU-4 IS ACCEPTED, DISCONNECT AND REMOVE EXISTING SUPPLY FAN AND ASSOCIATED MOTOR, VFD, AND MOUNTING BASE. THE AHU PHASING NOTES SHALL APPLY, BUT A TEMPORARY FAN WILL NOT BE REQUIRED FOR FAN AND MOTOR REPLACEMENT.
 - △ DISCONNECT AND REMOVE EXISTING A/C UNIT AND ASSOCIATED ACCESSORIES FOR RELOCATION. DISCONNECT EXISTING CONDENSER WATER LINES AND PREPARE FOR RE-CONNECTION TO RELOCATED UNIT.

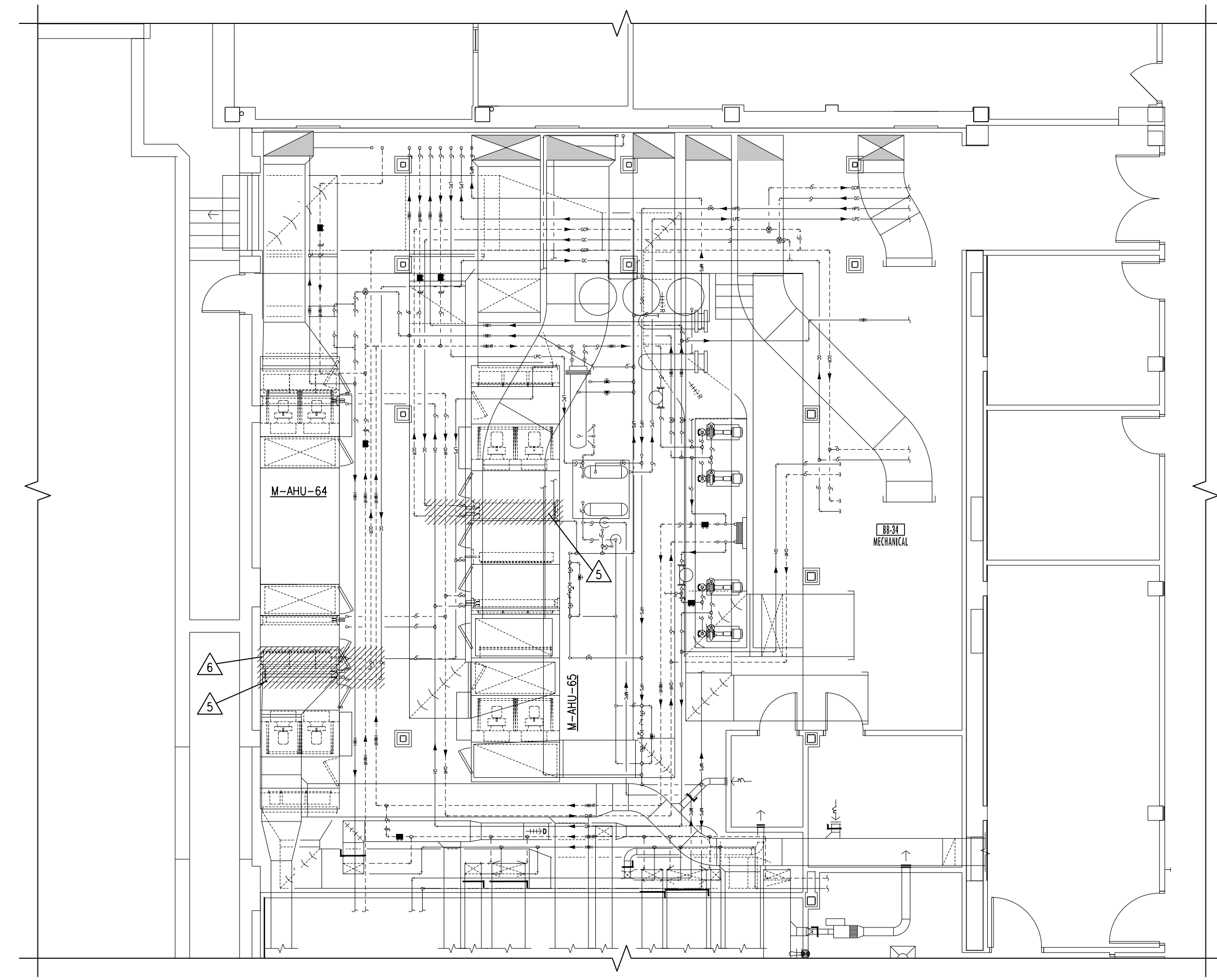


Drawing Title BASEMENT, FIRST, SECOND, THIRD, FOURTH, AND ATTIC SPACE LARGE SCALE DEMOLITION PLANS		Project Title REPLACE OR UPGRADE HVAC SYSTEM COMPONENTS		Date SEPT. 14, 2016
Project Phase PHASE 1		Scale AS SHOWN		Drawing No. H1.2
VA Project No. 437-13-111	Contract No. VA263-P-1218	Designed By JP	Checked By JP	Drawn By JF
Building No. VAMC CAMPUS	AutoCAD File Name 202275-11622106	Location FARGO VA HEALTH CARE SYSTEM FARGO, NORTH DAKOTA		Dwg. 21 of 66

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2 EXISTING LAYOUT GI CLINIC DEMOLITION PLAN SCALE: 1/8" = 1'-0"



1 EXISTING LAYOUT BB-34 DEMOLITION PLAN SCALE: 1/8" = 1'-0"

GI CLINIC PHASING NOTES:

1. COMPLETE ALL WORK IN THE GI CLINIC DURING EVENING, OVERTIME, OR WEEKEND HOURS IN CAREFUL COORDINATION WITH THE OWNER.
2. COORDINATE SHUTDOWNS CAREFULLY AND LIMIT WORK TO ONE OR TWO ROOMS AT A TIME IN COORDINATION WITH THE OWNER. A MINIMUM OF 2 WEEKS NOTICE SHALL BE GIVEN PRIOR TO ANY WORK COMMENCING.

AIR HANDLER PHASING NOTES:

1. ALL UNIT SHUTDOWN WORK SHALL BE COMPLETED DURING WEEKEND AND EVENING HOURS. INSTALLATION OF DEHUMIDIFICATION UNITS AND FAN MOTORS SHALL BE COMPLETED AS QUICKLY AS POSSIBLE WITH MULTIPLE SHIFTS REQUIRED TO EXPEDITE WORK.
2. THE TIMING OF WORK SHALL BE CAREFULLY COORDINATED WITH THE OWNER AND BE A MINIMUM OF 2 WEEKS IN ADVANCE. ALL DEHUMIDIFICATION WORK SHALL BE PERFORMED IN THE HEATING MONTHS.

MECHANICAL DEMOLITION NOTES:

A. DEMOLITION DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE BASED ON FIELD OBSERVATION AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN THE AS-BUILT CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.

B. THIS CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILINGS FOR DEMOLITION OF EXISTING HANG PIPING, DUCTWORK, EQUIPMENT, ETC. AS REQUIRED.

C. THIS CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND OR CEILINGS FROM DEMOLISHED HANG PIPING, DUCTWORK, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILINGS TO MATCH EXISTING.

△ DISCONNECT AND REMOVE EXISTING DUCTWORK AND ALL ASSOCIATED DIFFUSERS/GRILLES, HANGERS, DAMPERS, ETC. CAP DUCT BACK AT MAIN.

△ DISCONNECT AND REMOVE EXISTING VAN BOX AND ALL ASSOCIATED HANGERS, PIPING, THERMOSTAT, WIRING, TUBING, CONTROLS AND INSULATION. PREPARE REMAINING DUCTWORK AND PIPING FOR NEW CONNECTION.

△ DISCONNECT AND REMOVE EXISTING DIFFUSER AND ALL ASSOCIATED DUCTWORK HANGERS, DAMPERS, ETC. PREPARE REMAINING DUCTWORK FOR NEW CONNECTION.

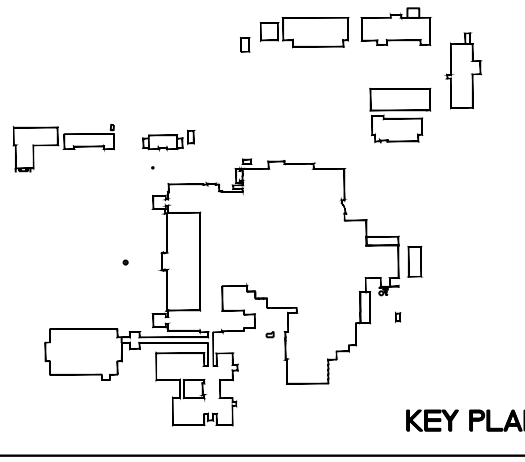
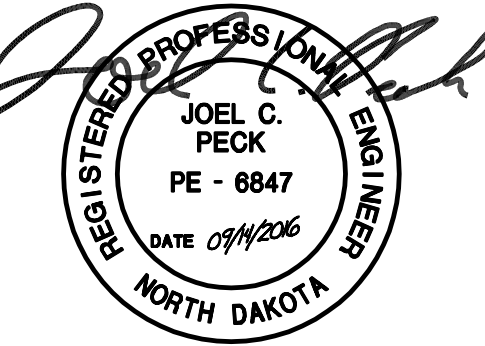
△ DISCONNECT AND REMOVE EXISTING EXHAUST FAN AND ALL ASSOCIATED DUCTWORK, HANGERS, CONTROLS, ETC. PATCH CEILING TO MATCH EXISTING WHERE HANGERS ARE REMOVED.

△ DISCONNECT AND REMOVE EXISTING COOLING COIL FOR REPLACEMENT PRIOR TO INSTALLATION OF DEHUMIDIFICATION COILS. REMOVAL SHALL INCLUDE ALL ASSOCIATED PIPING, VALVES, HANGERS, INSULATION, ETC. AS REQUIRED TO REMOVE THE COIL. PREPARE EXISTING PIPING FOR RECONNECTION.

△ DISCONNECT AND REMOVE EXISTING HUMIDIFIER TEMPORARILY PRIOR TO INSTALLATION OF DEHUMIDIFICATION COILS. REMOVAL SHALL INCLUDE ALL ASSOCIATED PIPING, VALVES, HANGERS, INSULATION, ETC. AS REQUIRED TO REMOVE THE HUMIDIFIER.

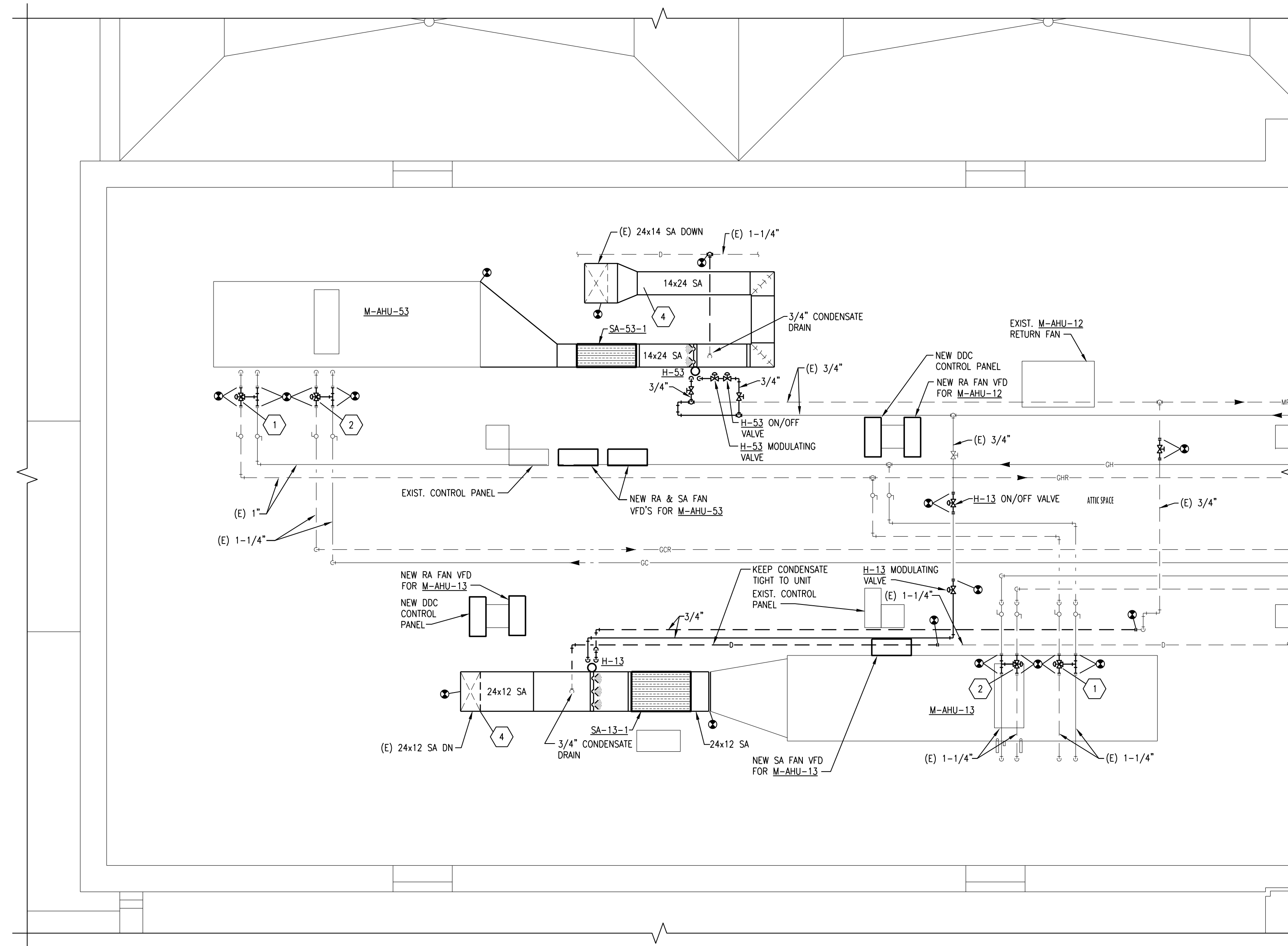
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Revisions	Date

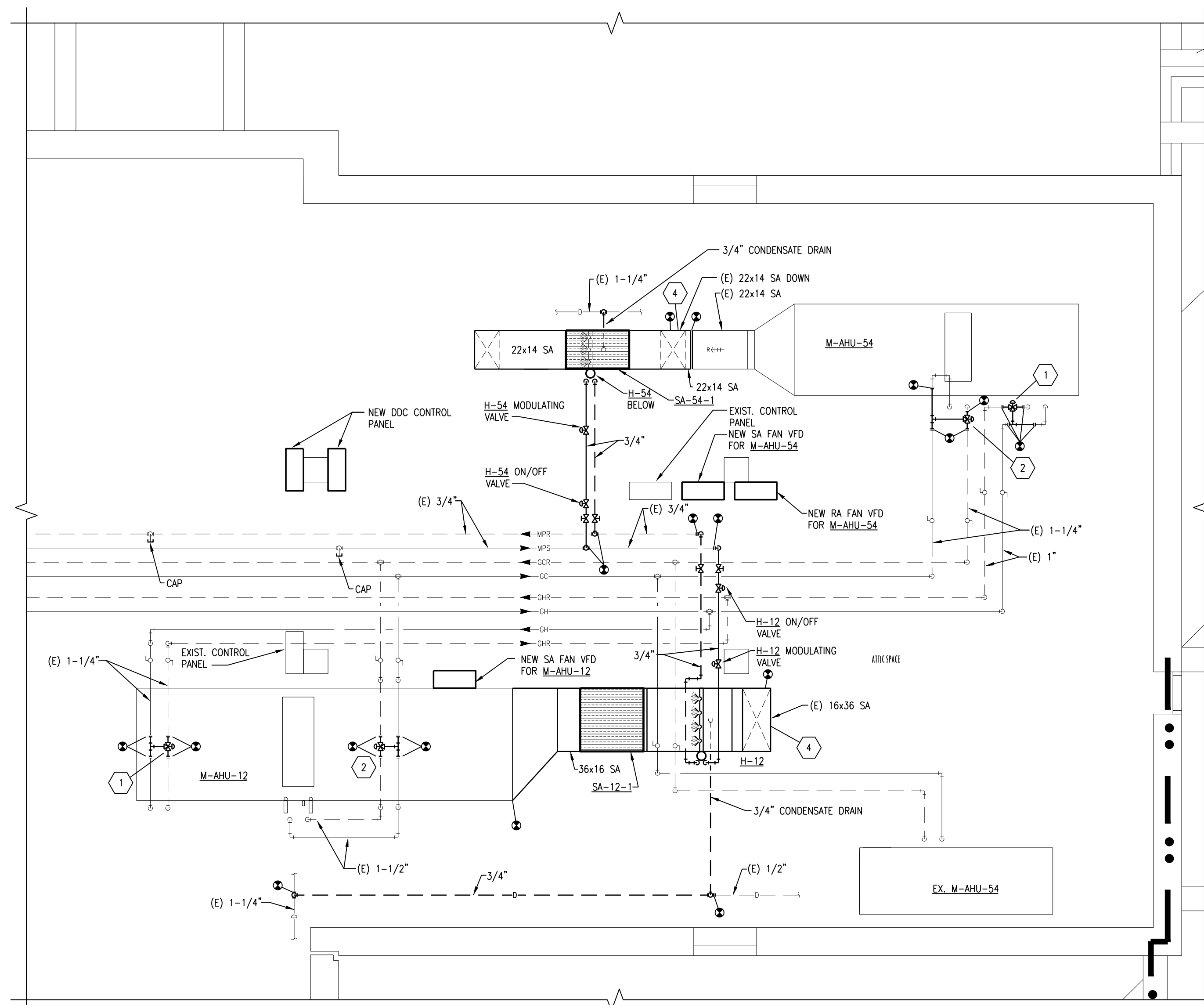


Drawing Title BASEMENT AND SECOND FLOOR DEMOLITION PLANS		Project Title REPLACE OR UPGRADE HVAC SYSTEM COMPONENTS		Date SEPT. 14, 2016
Project Phase PHASE 1		Contract No. VA263-P-1218		Scale: AS SHOWN
VA Project No. 437-19-111	Contract No. VA263-C-	Designed By JP	Checked By JP	Drawn By JF
Building No. VAMC CAMPUS	AutoCAD File Name 202213-PR13.DWG	Location FARGO VA HEALTH CARE SYSTEM FARGO, NORTH DAKOTA		Drawing No. H1.3
				Dwg. 22 of 66

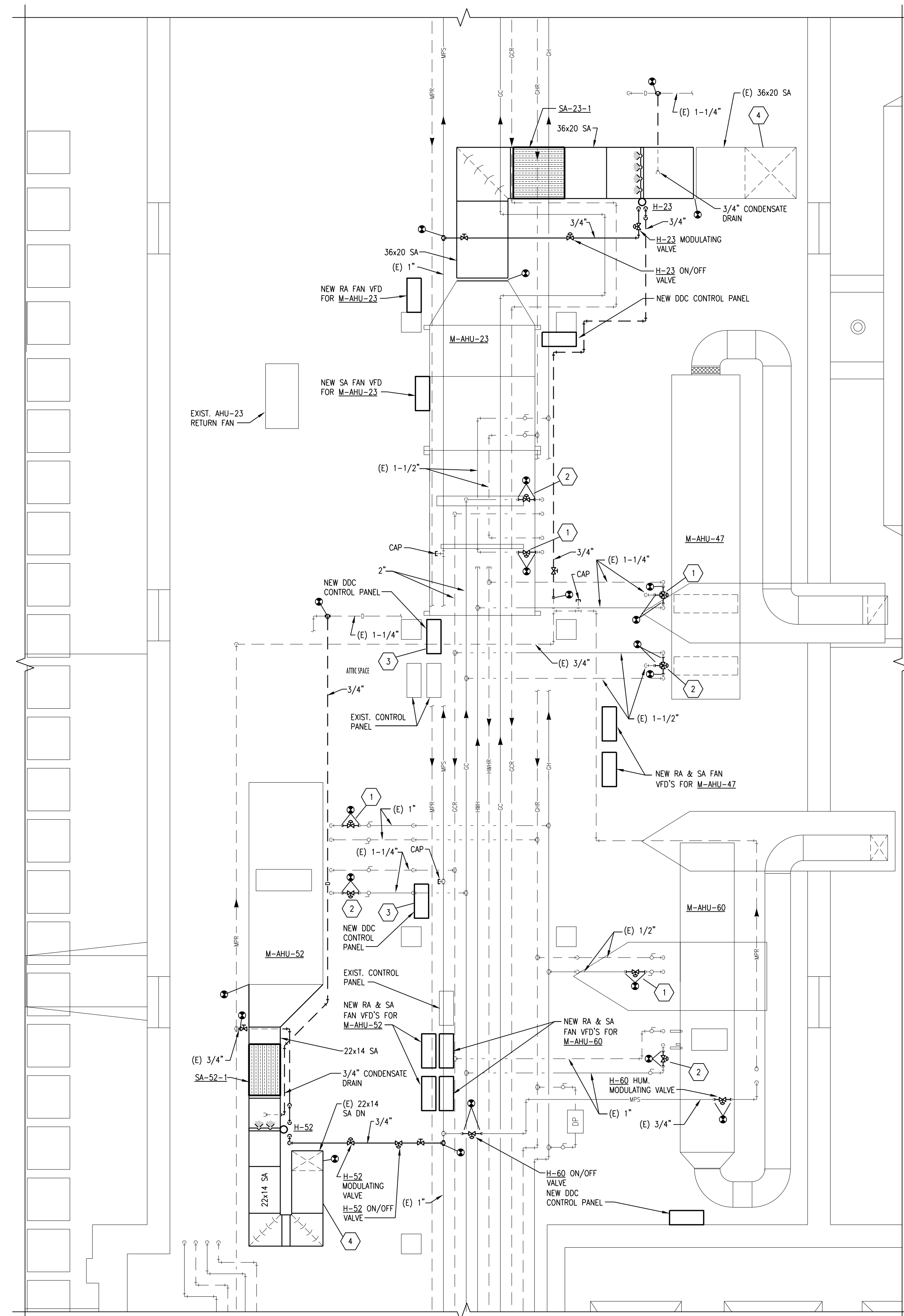




3 EXISTING LAYOUT ATTIC SPACE REMODELING PLAN
SCALE: 1/4" = 1'-0"



2 EXISTING LAYOUT ATTIC SPACE REMODELING PLAN
SCALE: 1/4" = 1'-0"



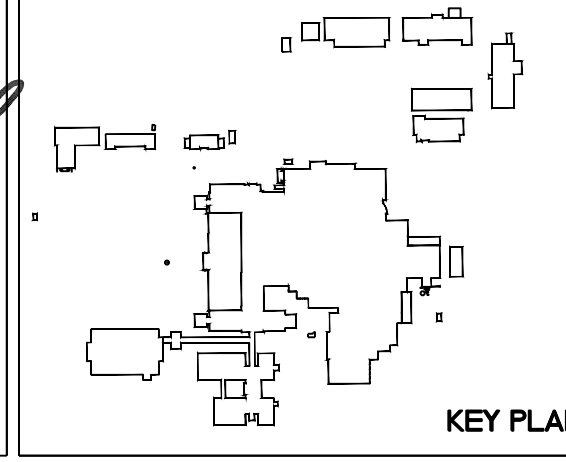
1 EXISTING LAYOUT ATTIC SPACE REMODELING PLAN
SCALE: 1/4" = 1'-0"

- AIR HANDLER PHASING NOTES:**
- ALL AIR HANDLER REPLACEMENTS SHALL BE PERFORMED IN APRIL/MAY OR SEPTEMBER/OCTOBER MONTHS IN CAREFUL COORDINATION WITH THE OWNER. PROVIDE A MINIMUM OF 2 WEEKS NOTICE PRIOR TO BEGINNING WORK.
 - FOR TEMPORARY AIR HANDLER OPERATION, PROVIDE A TEMPORARY FAN EQUAL TO THE UNIT AIRFLOW/HORSE POWER, AND HEPA FILTER TO BE MOUNTED TO THE SUPPLY DUCTWORK PRIOR TO REMOVING UNIT. REFER TO FLOOR PLANS FOR SUGGESTED TEMPORARY SUPPLY FAN LOCATION. FAN SHALL RUN CONTINUOUSLY. MAINTAIN THE MECHANICAL ROOM TEMPERATURE AT A MINIMUM OF 55 DEGREES AND MAXIMUM OF 70 DEGREES DURING AHU CHANGE OUT USING EXISTING HEATING UNITS OR TEMPORARY COOLING/HEATING UNITS. OUTSIDE AIR, RETURN AIR, RELIEF AIR, AND SUPPLY AIR DUCTS SHALL BE LEFT OPEN TO USE THE MECHANICAL ROOM AS A PLENUM.
 - ALL UNIT SHUTDOWN WORK SHALL BE COMPLETED DURING WEEKEND AND EVENING HOURS. REPLACEMENT OF UNIT SHALL BE COMPLETED AS QUICKLY AS POSSIBLE WITH MULTIPLE SHIFTS REQUIRED TO EXPEDITE WORK. ALL CONTROLS WORK THAT CAN BE COMPLETED BEFORE AND SHALL BE COORDINATED. WORK SHALL BE COMPLETED DURING SPRING, FALL, OR WINTER MONTHS.
 - DISASSEMBLE NEW AIR HANDLERS TO THEIR SMALLEST COMPONENTS AS REQUIRED TO FIT THROUGH EXISTING DOORS. TEMPORARILY REMOVE EXISTING MECHANICAL ROOM DOORS AS NECESSARY.

- AIR HANDLER CONTROLS & HUMIDIFIER RELOCATION PHASING NOTES:**
- MECHANICAL CONTRACTOR SHALL INSTALL ALL NEW CONTROLS DEVICES, PANEL, WIRING, CONDUIT, ETC. AS MUCH AS POSSIBLE BEFORE SYSTEM SWITCHOVER TO NEW CONTROLS SYSTEM.
 - ALL CONTROLS SYSTEM SWITCHOVERS SHALL BE CAREFULLY COORDINATED WITH THE VA AND SHALL OCCUR DURING EVENING OR WEEKEND HOURS AND SHALL BE KEPT TO A MINIMUM AMOUNT OF TIME. PROVIDE A MINIMUM OF 2 WEEKS OF ADVANCE NOTICE BEFORE STARTING WORK. SWITCHOVERS SHALL OCCUR AT THE BEGINNING OF THE WEEK AND THE UNIT SHALL BE MONITORED ALL WEEK LONG TO PREVENT ISSUES WITH TEMPERATURE CONTROL.
 - INSTALL ALL NEW VALVES, PIPING, CONTROLS, ETC. AS MUCH AS POSSIBLE PRIOR TO RELOCATING EXISTING HUMIDIFIERS.
 - ALL WORK TO RELOCATE THE HUMIDIFIERS OR ATTENUATORS SHALL TAKE PLACE DURING EVENING OR WEEKEND HOURS WITH A MINIMUM 2 WEEK NOTICE GIVEN TO THE OWNER BEFORE STARTING WORK AND SHALL BE KEPT TO A MINIMUM AMOUNT OF TIME. OBTAIN ALL FIELD MEASUREMENTS AND FABRICATE DUCTWORK PRIOR TO DEMOLITION TO MINIMIZE DOWNTIME. WORK TO OCCUR DURING NON-HEATING MONTHS.
 - FOR ALL AIR HANDLERS SERVING AREAS THAT OPERATE 24/7, PROVIDE TEMPORARY DUCTWORK TO KEEP THE UNIT OPERATIONAL DURING HUMIDIFIER AND DUCTWORK MODIFICATIONS.

- MECHANICAL NOTES:**
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS.
 - COORDINATE ALL HVAC PIPING AND DUCTWORK INSTALLATION WITH GENERAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL CONTRACTORS. INSTALL ALL HVAC PIPING AND DUCTWORK AS HIGH AS POSSIBLE. PROVIDE ALL NECESSARY OFFSETS (DROPS AND RISERS) TO KEEP HVAC PIPING AND DUCTWORK TIGHT TO THE STRUCTURE ABOVE AND INSTALLATION BY ALL TRADES. OFFSET HVAC PIPING AND DUCTWORK TO AVOID BEAMS.
 - THIS CONTRACTOR SHALL OPEN ALL EXISTING WALLS AND/OR CEILING FOR INSTALLATION OF NEW HVAC PIPING AND VENTILATION DUCTWORK, EQUIPMENT, ETC. AS REQUIRED. PATCH WALLS AND/OR CEILING TO MATCH EXISTING.
 - MAINTAIN 3'-0" CLEAR SPACE IN FRONT OF ALL ELECTRICAL, CONTROL, AND ACCESS PANELS FOR ACCESSIBILITY.
 - ALL SHUT-OFF VALVES, CONTROL VALVES, STRAINERS, COMPRESSORS, ETC. SHALL BE INSTALLED IN ACCESSIBLE CEILING. VALVES SHALL BE LOCATED NOT MORE THAN 2 FEET ABOVE ACOUSTICAL CEILING.
 - PROVIDE 1/2" DRAIN VALVE AT ALL LOW POINTS OF EACH SYSTEM TO ENABLE COMPLETE DRAINAGE. PROVIDE 1/2" VENT VALVES AT ALL HIGH POINTS OF EACH SYSTEM TO ENABLE COMPLETE VENTING.
 - ALL OPEN ENDS OF DUCTS SHALL BE CAPPED AT THE END OF CONSTRUCTION EACH DAY. REFER TO HVAC PIPING DETAILS ON SHEET HIF FOR ADDITIONAL INFORMATION ON INDIVIDUAL TERMINAL DEVICES, COILS AND PIPE PENETRATIONS.
 - ALL NEW PIPING SHALL BE INSTALLED AS HIGH AS POSSIBLE TO AVOID TRIPPING HAZARDS IN WALKWAYS BUT AT A HEIGHT TO REMAIN ACCESSIBLE. KEEP ALL EQUIPMENT ACCESS PATHS CLEAR.
 - REFER TO SPEC SECTION 23 09 23 FOR AHU SAFETY WIRING FOR VFD'S.
 - INSTALL NEW HEATING COIL CONTROL VALVE.
 - INSTALL NEW COOLING COIL CONTROL VALVE.
 - PROVIDE UNISTRUT SUPPORTS TO MOUNT NEW CONTROL PANELS.
 - RELOCATE EXISTING HIGH LIMIT HUMIDITY SENSOR ON SUPPLY DUCT AS REQUIRED TO MAINTAIN 10-FEET FROM NEW HUMIDIFIER LOCATION INCLUDING ALL WIRING, CONDUITS, ETC. PATCH AND INSULATE EXISTING DUCTWORK WHERE SENSORS ARE REMOVED AND AT NEW SENSOR LOCATION.

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Drawing Title ATTIC SPACE LARGE SCALE REMODELING PLANS		Project Title REPLACE OR UPGRADE HVAC SYSTEM COMPONENTS		Date SEPT. 14, 2016
Project Phase PHASE 1		Scale AS SHOWN		Drawing No. H1.4
VA Project No. 437-13-111	Contract No. VA263-P-218 VA263-C-	Designed By JP	Checked By JP	
Building No. VAMC CAMPUS	AutoCAD File Name 2022213-P14.dwg	Location FARGO VA HEALTH CARE SYSTEM FARGO, NORTH DAKOTA		

Department of Veterans Affairs