

RECOMMENDED CONSTRUCTION SEQUENCE:

THIS PROJECT IS TO BE CONSTRUCTED IN SUCH A MANNER THAT THE OWNER SHALL BE ABLE TO OCCUPY AND WORK IN THE BUILDING DURING CONSTRUCTION. ENVIRONMENTAL CONTROL SHALL BE MAINTAINED THROUGHOUT THE PROJECT, EXCEPT DURING A LIMITED NUMBER OF SHUTDOWNS. ALL SHUTDOWNS MUST BE SCHEDULED FOUR (4) WEEKS IN ADVANCE AND COORDINATED WITH THE OWNER. BELOW IS ONE POSSIBLE SCENARIO TO ACHIEVE THIS GOAL. CONTRACTOR SHALL REVIEW THIS SEQUENCE, TWEAK AS REQUIRED, AND SUBMIT A DETAILED SCHEDULE PRIOR TO BEGINNING CONSTRUCTION. THE PRIME CONTRACTOR SHALL BE ON SITE ANY TIME THERE ARE SUBCONTRACTORS WORKING. WEEKEND AND/OR NIGHT WORK WILL BE REQUIRED FOR SHUTDOWNS ON THIS PROJECT.

CONSTRUCTION SHALL TAKE PLACE WHILE THE BUILDING IS OCCUPIED. COORDINATE CONSTRUCTION TO MINIMIZE IMPACT TO BUILDING OCCUPANTS. ANY DEVIATION FROM THE CONTRACTOR'S CONSTRUCTION SEQUENCE SHALL REQUIRE 4 WEEKS NOTICE AND APPROVAL BY THE OWNER AND DESIGN TEAM. CONSTRUCTION SHALL TAKE PLACE ONE FLOOR AT A TIME. CONTRACTOR TO COORDINATE WORK TO ALLOW THE MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND PLUMBING SYSTEMS IN THE REMAINDER OF THE BUILDING TO REMAIN FUNCTIONAL DURING CONSTRUCTION. CONTRACTOR TO COORDINATE ANY BUILDING SYSTEM SHUTDOWNS THAT MAY BE REQUIRED TO OCCUR DURING OFF HOURS. SHUTDOWNS SHALL BE KEPT TO A MINIMUM.

1) WORK WILL BEGIN ON THE FIRST FLOOR LEVEL, THEN PROGRESS TO THE 1ST AND 2ND FLOORS IN THAT ORDER. THE OWNER WILL VACATE THE FIRST FLOOR PRIOR TO START OF CONSTRUCTION, AND THE FIRST FLOOR WILL HOUSE THE BUILDING OCCUPANTS WHILE THEIR RESPECTIVE FLOOR IS UNDER CONSTRUCTION. THE CONTRACTOR WILL BE ALLOTTED 6 WEEKS PER FLOOR TO COMPLETE CONSTRUCTION.

2) BEFORE WORK CAN COMMENCE ON THE FIRST FLOOR LEVEL THE BUILDING CHILLED AND HEATING WATER SYSTEMS SHALL BE SHUTDOWN AND DRAINED IN ORDER TO INSTALL ISOLATION VALVES THAT WILL ENABLE WORK TO OCCUR ON THE EAST AND WEST SIDES SEPARATELY. ALSO, THE PIPING ROUTED FROM THE MECHANICAL ROOM TO EACH SIDE OF THE CORRIDOR SHALL BE REPLACED DURING THIS SHUTDOWN.

3) DURING WORK ON THE FIRST FLOOR, THE EXISTING CHILLED AND HEATING WATER PUMPS AND BOILER SHALL REMAIN IN OPERATION UNTIL THEIR REPLACEMENTS HAVE BEEN ROUGHED IN. THE CONTRACTOR SHALL THEN PERFORM A SHUTDOWN, COORDINATED 4 WEEKS PRIOR WITH THE OWNER AND THE DESIGN TEAM, TO FINAL CONNECT THE NEW PUMPS & BOILER AND DEMO THE EXISTING PUMPS AND BOILER. THIS SHUTDOWN SHALL OCCUR ON OFF-HOURS AND SHALL BE KEPT TO A MINIMUM.

4) IN ORDER FOR A FLOOR TO BE CONSIDERED COMPLETE, THE DESIGN TEAM WILL NEED TO PERFORM A PUNCH LIST, AND ISSUE PARTIAL SUBSTANTIAL COMPLETION FOR THE COMPLETED FLOOR. PARTIAL SUBSTANTIAL COMPLETION INCLUDES TEST AND BALANCE OF THE MECHANICAL SYSTEMS AND FINAL CLEAN OF THE FLOOR. AT THAT POINT, THE OWNER WILL OCCUPY THE COMPLETED FLOOR, AND VACATE THE NEXT FLOOR IN THE CONSTRUCTION SEQUENCE.

5) ANY LOCATIONS WHERE FLOORS ARE REQUIRED TO BE SAW CUT FOR THE INSTALLATION OF NEW DUCT SHALL REQUIRE OFF-HOURS WORK TO PERFORM THE SAW CUT. THE CONTRACTOR SHALL HAVE DUST CONTROL MEASURES IN PLACE TO PREVENT ANY DUST FROM INFILTRATING THE OCCUPIED SPACES. THIS WORK WILL NEED TO BE COORDINATED 2 WEEKS IN ADVANCE WITH THE OWNER AND THE DESIGN TEAM.

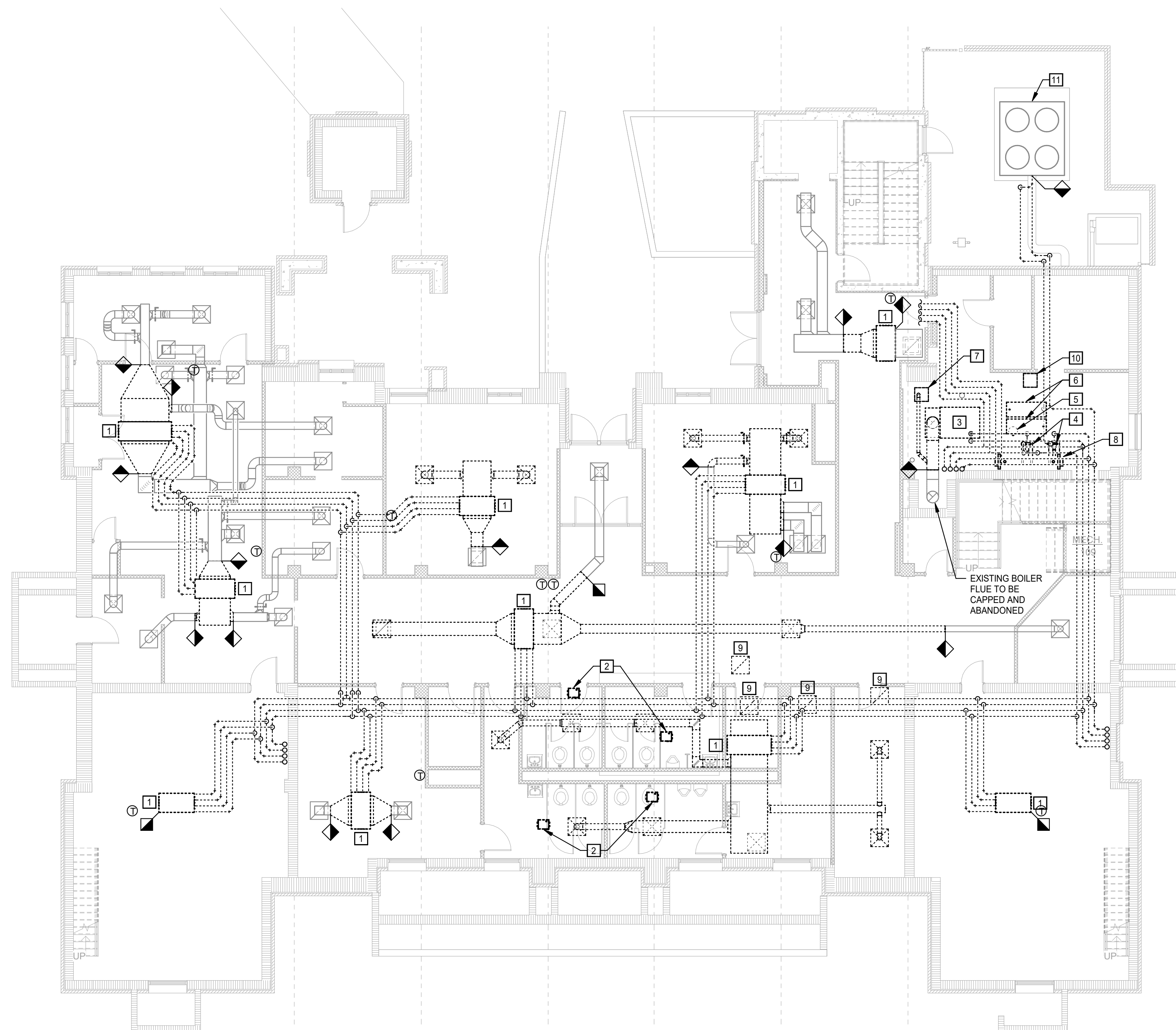
6) ANY WORK THAT PRODUCES EXCESSIVE NOISE WILL NEED TO BE COMPLETED DURING OFF-HOURS.

7) THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN PLACE AND SHALL BE FUNCTIONAL THROUGHOUT THE ENTIRE PROJECT. THE FIRE ALARM CONTRACTOR SHALL PHASE WORK TO ALLOW THE BUILDING SYSTEMS TO OPERATE UNINTERRUPTED. WHENEVER THE FIRE ALARM IS DISABLED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A FIRE WATCH WHILE THE SYSTEM IS OFF, WHETHER AS A WHOLE OR ON THE FLOOR UNDER CONSTRUCTION. BEFORE A FLOOR IS CONSIDERED COMPLETE, THE FIRE ALARM SYSTEM SHALL BE TESTED AND FUNCTIONAL.

8) THE ELECTRICAL CONTRACTOR SHALL COORDINATE WORK CLOSELY TO ALLOW MINIMAL DISRUPTION OF UTILITIES THROUGHOUT THE ENTIRE PROJECT. A SHUTDOWN WILL BE REQUIRED TO SET THE NEW SWITCHGEAR AND REFEED THE EXISTING BUILDING. THIS WORK SHALL BE DOWN ON A WEEKEND AND/OR OFF HOURS.

9) THE REMOVAL OF THE EXISTING CONTROLS SYSTEM WILL NEED TO BE CAREFULLY COORDINATED IN ORDER TO MAINTAIN PROPER OPERATION OF THE REMAINING BUILDING CONTROLS DURING THE INSTALLATION OF THE NEW MECHANICAL EQUIPMENT AND THE NEW DDC CONTROLS SYSTEM.

10) THE CONTRACTOR WILL NEED TO PROVIDE SAFE ACCESS TO THE BUILDING LOBBY AND ELEVATORS FOR THE BUILDING OCCUPANTS. THE CONTRACTOR SHALL WORK CLOSELY WITH THE OWNER TO ENSURE PROPER ACCESS AND PROTECTION IN PLACE FOR THE OWNER.



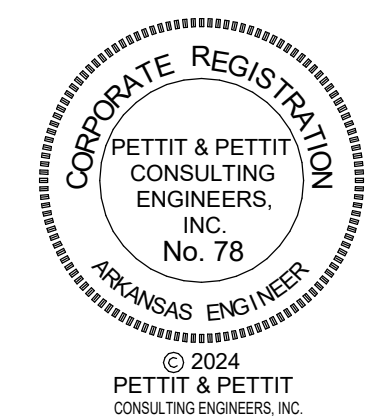
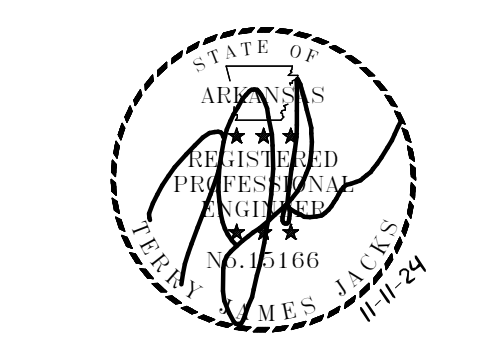
1 FIRST FLOOR DEMOLITION PLAN - HVAC SCALE: 1/8" = 1'-0"

- ### HVAC GENERAL DEMOLITION NOTES
1. ALL LIGHTER SOLID LINES REPRESENT PIPING, DUCTWORK, EQUIPMENT, ETC. TO REMAIN.
 2. ALL DARKER DASHED LINES REPRESENT PIPING, DUCTWORK, EQUIPMENT, ETC. TO BE REMOVED.
 3. FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING ITEMS SHOWN ON THIS PLAN THAT ARE TO BE CONNECTED TO.
 4. SEE ARCHITECTURAL PLANS FOR REMOVAL AND REPLACEMENT OF CEILINGS.

- ### HVAC KEYED DEMOLITION NOTES
- 1 DEMOLISH EXISTING FAN COIL UNIT AND ITS ASSOCIATED DUCTWORK, AIR DEVICES, PIPING, CONTROLS, ETC. COMPLETELY TO POINT INDICATED. DEMOLISH EXISTING CONDENSATE DRAIN PIPING THAT IS ROUTED TO SANITARY SEWER DRAIN. DO NOT DEMOLISH SECTIONS THAT ARE SERVING PLUMBING FIXTURES. DEMOLITION PHASING MAY BE REQUIRED TO FULLY ACCOMPLISH PROJECT REQUIREMENTS.
 - 2 DEMOLISH EXISTING EXHAUST FAN COMPLETELY.
 - 3 DEMOLISH EXISTING BOILER AND ITS ASSOCIATED BOILER FLUE COMPLETELY TO POINT INDICATED.
 - 4 DEMOLISH EXISTING PUMP COMPLETELY.
 - 5 DEMOLISH EXISTING AIR SEPARATOR.
 - 6 DEMOLISH EXISTING EXPANSION TANK.
 - 7 DEMOLISH EXISTING UNIT HEATER AND ITS ASSOCIATED FLUE COMPLETELY.
 - 8 DEMOLISH EXISTING ABANDONED EVAPORATOR AND ITS ASSOCIATED PIPING AND SUPPORTS COMPLETELY.
 - 9 DEMOLISH EXISTING AIR DEVICE COMPLETELY.
 - 10 DEMOLISH EXISTING HVAC SYSTEMS CONTROL PANEL. PHASED DEMOLITION MAY BE REQUIRED TO FULLY ACCOMPLISH PROJECT REQUIREMENTS.
 - 11 EXISTING AIR-COOLED CHILLER TO REMAIN AND BE RE-USED.

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Revision Schedule	Issued by
Tag	Rev. Date
Rev. Description	Rev. Date



Commission Number
 2309D
M001
 Date: November 11, 2024

MECHANICAL RENOVATIONS FOR:
CRAIGHEAD COUNTY COURTHOUSE
 Jonesboro, Arkansas