

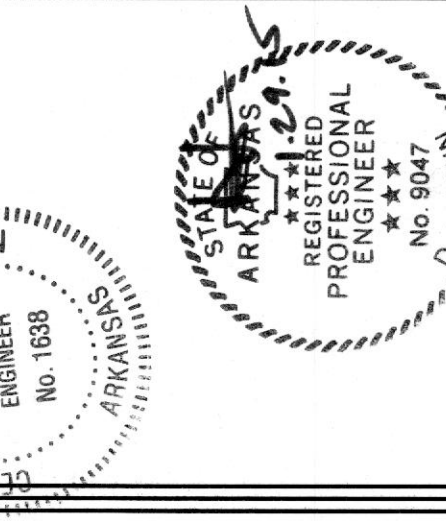
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| REVISIONS | DATE  |
|-----------|-------|
| A         | ISSUE |
| B         | ISSUE |
| C         | ISSUE |
| D         | ISSUE |
| E         | ISSUE |
| F         | ISSUE |

FLOOR PLAN-  
 DEMOLITION  
 (HVAC/PIPING)

SHEET NUMBER

M1

**DRAWING NOTES**

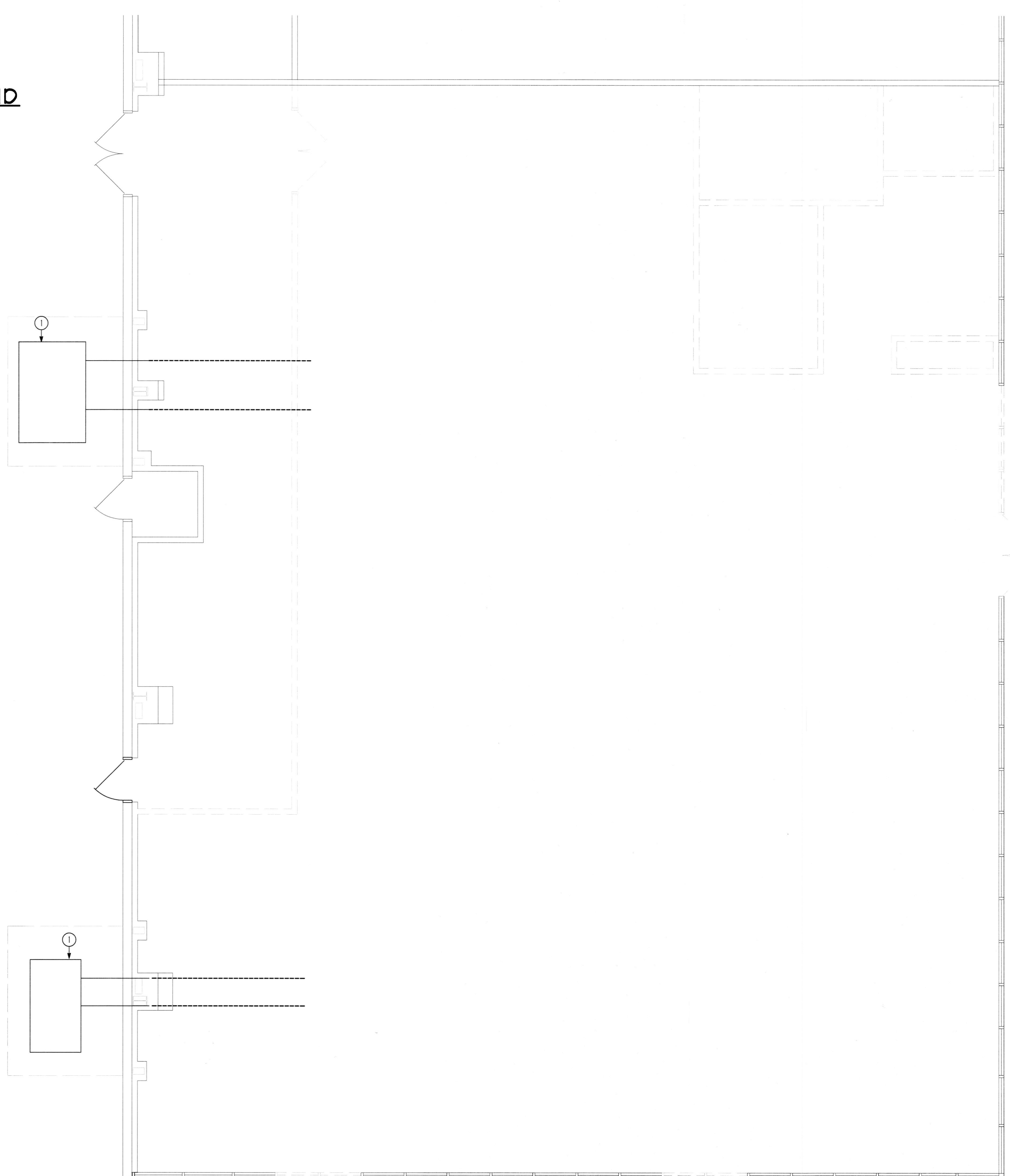
- OUTLINE OF AN EXISTING PACKAGED UNIT MOUNTED ON EQUIPMENT SUPPORTS TO REMAIN. REMOVE EXISTING DUCTWORK IN IT'S ENTIRETY BACK TO POINT INDICATED INCLUDING AIR DEVICES, ETC. THROUGHOUT SPACE. MAINTAIN EXISTING THERMOSTAT FOR REUSE.
- CONTRACTOR TO FIELD VERIFY/LOCATE EXISTING CEILING MOUNTED EXHAUST FAN THAT SERVES THE EXISTING RESTROOMS AND REMOVE. REMOVE ASSOCIATED DUCTWORK UP THROUGH ROOF. COORDINATE THE ROOF PATCHED WORK WITH THE ORIGINAL/LANDLORD'S ROOFING CONTRACTOR TO BE WEATHERTIGHT.

**GENERAL NOTES (HVAC/PIPING)**

- ALL ITEMS INDICATED BOLD SHALL BE CONSIDERED NEW UNLESS OTHERWISE NOTED.
- ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS.
- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH ALL APPLICABLE MUNICIPAL, STATE, AND CITY/COUNTY CODES.
- COORDINATE ALL THERMOSTAT LOCATIONS WITH FINAL PARTITION/FURNITURE LAYOUT.
- PROVIDE ACCESS PANELS EQUAL TO ARCHITECTURAL ACCESS DOORS, MODEL AHD BY METROPOLITAN DOOR INDUSTRIES WITH CYLINDER LOCK AND KEY. THESE PANELS SHALL BE PROVIDED ANYWHERE THERE ARE VOLUME DAMPERS, CONTROLS, ACTUATORS, ETC THAT HAVE TO BE LOCATED ABOVE DRYWALL CEILINGS AND SHALL BE LOCATED AND SIZED TO ALLOW ACCESS TO THESE ITEMS ABOVE THE DRYWALL CEILINGS. COORDINATE THESE LOCATIONS WITH INSTALLATION OF THE GYP BOARD CEILING. ANY ACCESS PANELS INSTALLED IN THE PROCEDURE ROOM MUST BE GASKETED TYPE ONLY AND MUST MEET THE FLORITIC REQUIREMENTS OF THE CEILING. PRIOR TO PURCHASE/INSTALL COORDINATE WITH THE CONSTRUCTION MANAGER.
- EXISTING SANITARY PIPING SHOWN IS ASSUMED/APPROXIMATE LOCATION. EXISTING SANITARY PIPING MUST BE ACTUALLY FIELD DETERMINED FOR EXACT LOCATION AND FLOW DIRECTION PRIOR TO INSTALLATION.
- PLUMBING ROUGH-IN CONNECTIONS ARE APPROXIMATE LOCATIONS. ALL ROUGH-IN CONNECTIONS TO BE COORDINATED IN THE FIELD BY THE PLUMBING CONTRACTOR.
- PROVIDE TRIM PANELS FOR SUPPLY DIFFUSER MOUNTED IN DRYWALL CEILING.
- THE BALANCING OF AIRFLOWS IS TO BE PERFORMED BY A AABC CERTIFIED BALANCING CONTRACTOR ONLY. FINAL AIRFLOW BALANCING REPORT WILL BE MADE AVAILBLE PRIOR TO THE FINAL INSPECTION.
- ALL DOMESTIC WATER PIPING TO BE INSTALLED ON THE WARM SIDE OF THE BUILDING INSULATION.
- BEFORE ANY ROOF WORK IS PERFORMED THE MECHANICAL CONTRACTOR IS TO CONTRACT THE ORIGINAL ROOFING CONTRACTOR TO VERIFY THAT ANY WORK PERFORMED WILL NOT VOID ANT WARRANTIES. ALL ROOF PENETRATION AND/OR REPAIR WORK ON THE ROOF IS TO BE COORDINATED WITH THE LANDLORD'S ROOFING CONTRACTOR SO WORK MAY BE PERFORMED.
- PRIOR TO THE INSTALLATION OF THE ROOFTOP UNITS ON THE ROOF A STRUCTURAL ENGINEER WILL NEED TO SIGN OFF ON THE NEW HVAC EQUIPMENT BEING MOUNTED ON THE EXISTING ROOF.
- ALL COLOR SELECTIONS FOR PLUMBING FIXTURES TO BE MADE BY THE ARCHITECT.
- FIRE STOPPING MATERIAL (NON-COMBUSTIBLE) FOR WALLS, FLOORS AND CEILINGS SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED TO MAINTAIN ANY FIRE SEPERATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATION OF ALL FIRE STOPPING WORK, RESULTING FROM INSTALLATION OF NEW PIPING, DUCTWORK, ETC. THE CONTRACTOR IS RESPONSIBLE FOR FILLING ALL VOIDS IN WALLS, CEILINGS AND FLOORS TO WITHIN 1/2" OF EACH PENETRATION WITH MATERIAL TO MATCH THE ADJACENT SURFACES AND/OR CONSTRUCTION, UNLESS TIGHTER CLEARANCES ARE REQUIRED BY CODE. THE CONTRACTOR SHALL CORRECT ANY DEFICIENCIES PRIOR TO INITIATION OF FIRE STOPPING.
- PRIOR TO ANY PIPING AND/OR DUCTWORK BEING INSTALLED MECHANICAL/PLUMBING CONTRACTOR IS TO COORDINATE ALL WORK WITH THE ELECTRICAL CONTRACTOR TO AVOID ANY NEC VIOLATIONS. ALSO COORDINATE INSTALL WITH EACH OTHER TOO.
- PROVIDE/INSTALL A CLEAR VENTED LOCKABLE COVER FOR ALL THERMOSTATS LOCATED THROUGHOUT THE SPACE.
- DRAWINGS SHALL BE CONSIDERED SCHEMATIC IN NATURE AND SHALL REPRESENT A COMPLETED PROJECT. ACTUAL INSTALLATION AND METHODS OF ACHIEVING A SATISFACTORY AND INTENDED INSTALLATION ARE THE RESPONSIBILITY OF THE CONTRACTOR. LOCATIONS OF EQUIPMENT ARE INTENDED TO SHOW A GENERAL ARRANGEMENT AND INTENDED FUNCTION. COORDINATE WITH ALL CONTRACT DOCUMENTS, OWNER-PROVIDED EQUIPMENT (IF ANY), EQUIPMENT DRAWINGS, ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL CONTRACT DOCUMENTS. COORDINATE WITH OTHER TRADES. AS DRAWINGS ARE SCHEMATIC IN NATURE, DO NOT SCALE DRAWINGS. MINOR MODIFICATIONS OF WORK TO COMPLY SHALL BE PROVIDED.
- ALLOWANCES ARE TO BE INCLUDED FOR UNFORSEEN CONDITIONS THAT MAY EFFECT THE CONTRACTOR'S SCOPE OF WORK. MINOR DEVIATIONS REQUIRED FOR ACCOMPLISHING THE INTENT OF THIS DESIGN ARE TO BE INCLUDED IN THAT ALLOWANCE.
- ALL EXHAUST FAN OUTLETS INCLUDING THE SANITARY VENTS THROUGH THE ROOF MUST BE LOCATED A MINIMUM OF 15'-0" FROM ANY FRESH AIR INTAKES.
- MECHANICAL CONTRACTOR MUST COORDINATE AND INSTALL THE NEW EXHAUST FANS AND OUTDOOR UNITS WITH NEW CURBS AS REQUIRED. ALL PROVISIONS MUST BE MADE TO MAINTAIN A WEATHER TIGHT ROOF. COORDINATE ALL WORK ON THE ROOF WITH THE ORIGINAL/LANDLORD'S ROOFING CONTRACTOR FOR WORK TO BE DONE.
- CONTRACTOR TO PROVIDE/INSTALL BATT INSULATION UP INSIDE ALL NEW ROOF CURBS TO BE INSTALL TO BE NEATLY AND EVENLY INSTALLED MADE WEATHER TIGHT.

**MECHANICAL LEGEND**

- FLEXIBLE CONNECTION
- TURNING VANES
- SUPPLY DUCT DOWN
- SUPPLY DUCT UP
- RETURN DUCT DOWN
- RETURN DUCT UP
- EXHAUST DUCT DOWN
- EXHAUST DUCT UP
- FIRE DAMPER
- AIRTITE FITTING W/ VOLUME DAMPER
- FLEXIBLE DUCT
- SUPPLY AIR
- RETURN AIR
- EXHAUST AIR
- DIRECTION OF AIR FLOW
- THERMOSTAT
- DRAWING NOTE
- SANITARY PIPE
- VENT PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- HOT WATER RECIRC PIPE
- PIPE DOWN
- PIPE UP
- CLEANOUT
- BALL VALVE
- UNION
- ANGLE STOP VALVE
- EX. EXISTING
- RTU ROOFTOP UNIT
- C.F.M. CUBIC FEET PER MINUTE
- TYP. TYPICAL
- FD FLOOR DRAIN
- FS FLOOR SINK
- F-I EXHAUST FAN



**NOTICE TO CONTRACTORS**  
 ALL CONTRACTORS PRIOR TO BID SUBMISSION PROCESS SHALL VISIT PROPOSED WORK SITE AND FIELD VERIFY ALL EXISTING CONDITIONS. ANY CONDITIONS THAT DIFFER FROM THAT SHOWN ON THIS PLAN SHALL BE REPORTED TO ARCHITECT/ENGINEER SO THAT NEW AND REVISED BID DRAWINGS OR INFORMATION MAY BE ISSUED. MODIFICATIONS TO SCOPE OF WORK WHICH RESULTS FROM CONTRACTORS NEGLIGENCE TO VISIT THE SITE PRIOR TO SUBMITTING BID, SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY.

**FLOOR PLAN-EXISTING CONDITIONS/  
 DEMOLITION (HVAC/PIPING)**

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

