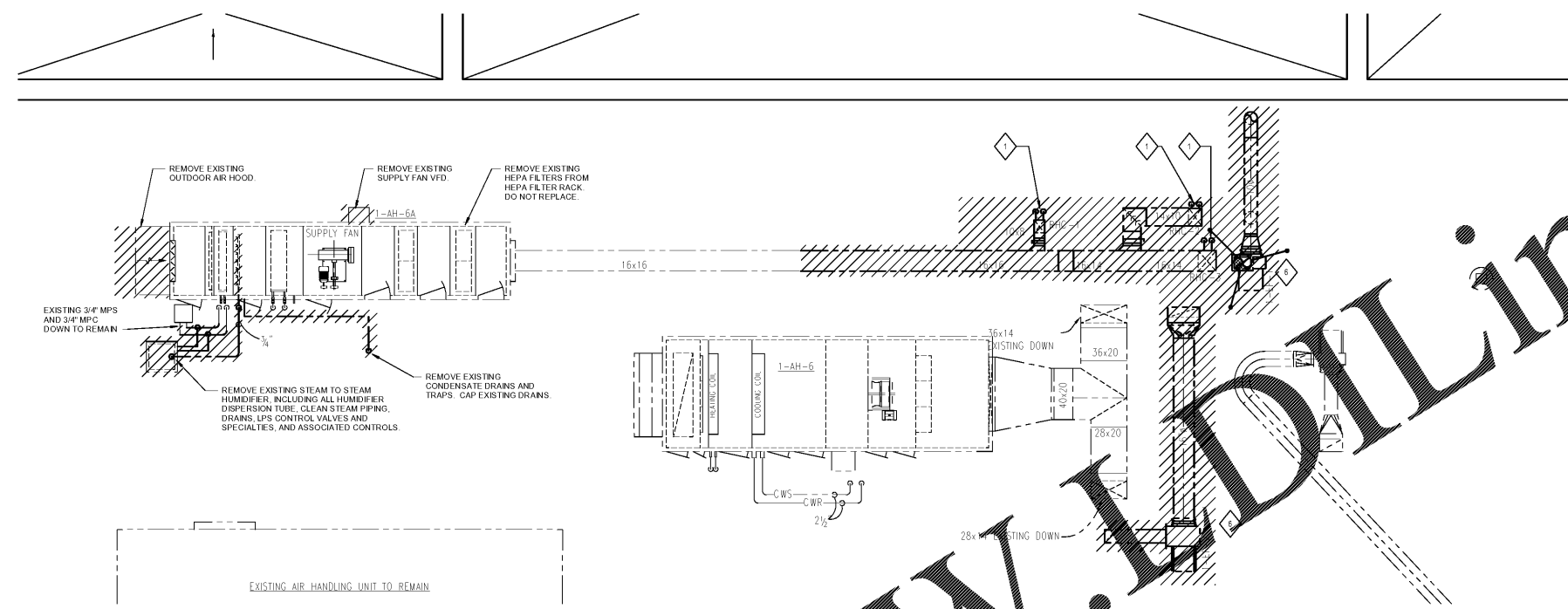
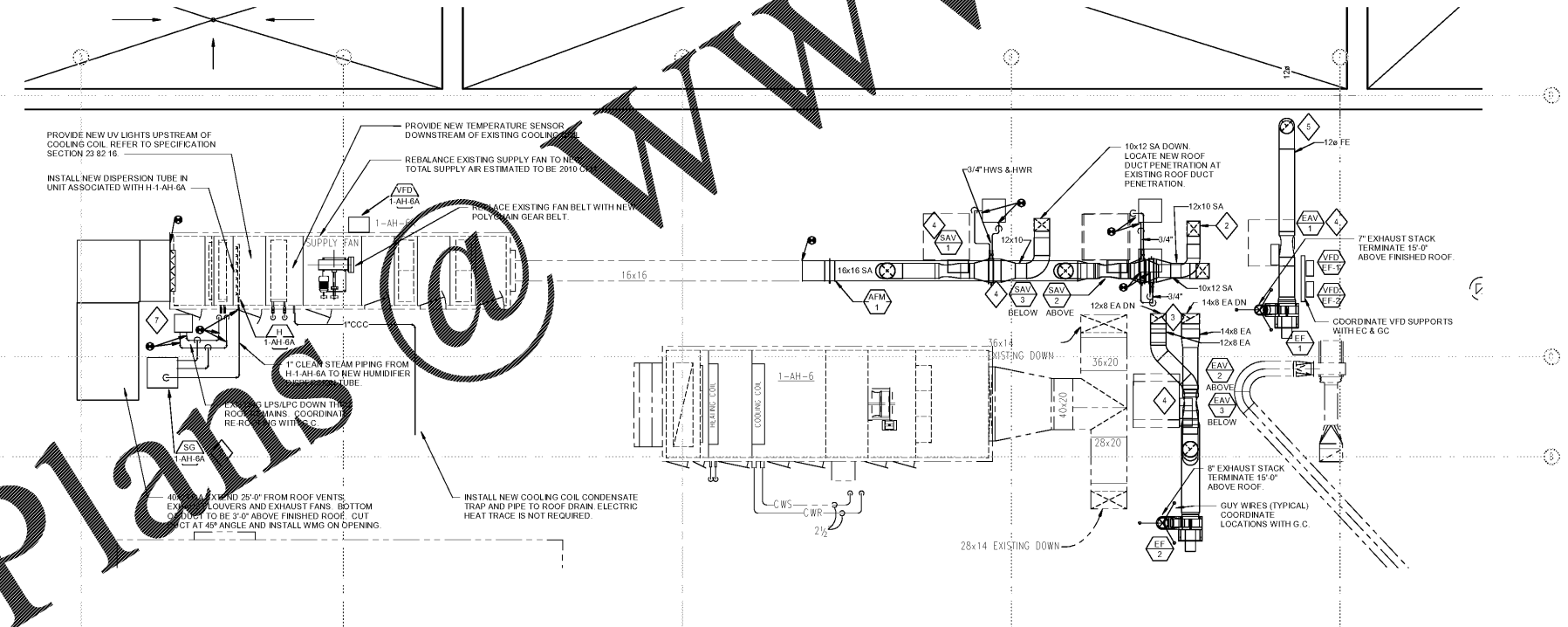


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1 MECHANICAL DEMOLITION PLAN - ROOF
1/4" = 1'-0"



2 MECHANICAL PLAN - ROOF
1/4" = 1'-0"

DEMOLITION NOTES

1. ALL EXISTING DUCTWORK, PIPING, AND EQUIPMENT LOCATIONS SHOWN ARE BASED ON AVAILABLE INFORMATION AND FIELD OBSERVATIONS. CONTRACTORS TO VERIFY LOCATIONS AND FIELD CONDITIONS PRIOR TO START OF DEMOLITION.
2. ALL HATCHED DUCTWORK, PIPING, AND EQUIPMENT TO BE REMOVED.
3. NO SERVICE SHALL BE INTERRUPTED OR CHANGED WITHOUT WRITTEN PERMISSION FROM OWNER.
4. THE DEMOLITION WORK SHALL BE PERFORMED WITH THE PROTECTION OF PREMISES. SCHEDULE WORK THROUGHOUT THE PROJECT TO MINIMIZE DISRUPTION TO OCCUPANTS. CONTRACTOR MUST APPROVE PROTECTION PLAN WITH WRITING BEFORE CONTRACTOR BEGINS ANY SUCH WORK.
5. THE CONTRACTOR SHALL PROTECT ANY NEW OR EXISTING MATERIALS, STRUCTURES AND EQUIPMENT THAT IS TO REMAIN FROM DAMAGE. DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
6. REFER TO ARCHITECTURE PHASING PLANS FOR ORDER OF WORK.
7. CONTRACTOR'S WORK SHALL CONFORM TO THE OWNER'S POLICIES ON CONSTRUCTION PROCEDURES AND NEIGHBOR CONTROL.
8. CONTRACTOR SHALL COORDINATE WITH THE OWNER'S FACILITIES DEPARTMENT REGARDING REGULATIONS INCLUDING, BUT NOT LIMITED TO, ELEVATOR USE, RUBBISH REMOVAL, DUMPSTER PLACEMENT, PROTECTION OF BASE BUILDING CONSTRUCTION AND ANY WORK WHICH WILL AFFECT OCCUPIED AREAS OF THE BUILDING.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RUBBISH AND WASTE MATERIAL REMOVAL OF THEIR OWN WORK.
10. THE CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES REQUIRED TO PERFORM DEMOLITION WORK.

GENERAL NOTES

1. PROVIDE MANUAL BALANCING DAMPER AT EACH DIFFUSER AND GRILLE. INSTALL BALANCING DAMPERS AS CLOSE TO BRANCH TAKEOFF AS POSSIBLE. PROVIDE MANUAL BALANCING DAMPERS IN SUPPLY, RETURN, AND EXHAUST BRANCH DUCTS AS SHOWN ON DRAWINGS AND AS REQUIRED TO MEET AIR BALANCE REQUIREMENTS.
2. DUCT SIZE TO DIFFUSERS, REGISTERS, AND GRILLES SHALL BE SAME AS NECK SIZE UNLESS NOTED OR DETAILED OTHERWISE.
3. INLET DUCT SIZE TO AIR TERMINAL DEVICES SHALL BE SAME AS INLET UNLESS OTHERWISE NOTED.
4. COORDINATE DIFFUSER, REGISTER, AND GRILLE LOCATIONS WITH REFLECTED CEILING PLAN.
5. PROVIDE FLEXIBLE DUCTWORK FOR FINAL CONNECTIONS TO DIFFUSERS, REGISTERS, AND GRILLES UNLESS PROHIBITED BY SPECIFICATIONS. FLEXIBLE DUCT SIZE SHALL BE SAME AS NECK SIZE OF DIFFUSER, REGISTER, GRILLE, OR OTHER EQUIPMENT. REFER TO SPECIFICATIONS FOR FLEXIBLE DUCT REQUIREMENTS.
6. MOUNT ALL ROOF DUCTWORK A MINIMUM OF 2'-0" ABOVE FINISHED ROOF.
7. PIPING TO TERMINAL HEATING DEVICES SHALL BE 3/4" UNLESS OTHERWISE NOTED.
8. HEAT TRACE ALL PIPES ABOVE ROOF.
9. SEE 8A801 AND 8A801 FOR TYPICAL ROOF SUPPORT AND CURB DETAILS.
10. LOCATE ROOF EQUIPMENT A MINIMUM 10'-0" FROM THE EDGE OF ROOF.

SHEET KEYNOTES

1. REMOVE EXISTING 3/4" HWS/R PIPING TO PIPE FORIAL STUB OUT. EXISTING PIPE PORTAL AND EXISTING PIPE STUB OUTS TO REMAIN. REFER TO ARCHITECTURAL DRAWINGS FOR REWORKING.
2. 12x10 SA DOWN. LOCATE NEW ROOF DUCT PENETRATION AT EXISTING DUCT ROOF PENETRATION.
3. LOCATE NEW ROOF DUCT PENETRATIONS AT EXISTING ROOF PENETRATIONS AS MUCH AS POSSIBLE. ADD NEW PENETRATIONS AS REQUIRED.
4. PROVIDE WEATHER COVER FOR AIR VALVE. REFER TO MECHANICAL DETAILS.
5. 12" FE DOWN. REFER TO SPECIFICATIONS FOR DUCT CONSTRUCTION. LOCATE NEW ROOF DUCT PENETRATION AT EXISTING DUCT ROOF PENETRATION.
6. REMOVE EXISTING EXHAUST FAN, INCLUDING ASSOCIATED SUPPORTS, CONTROLS, WIRING AND VIBRATION ISOLATORS. REUSE EXISTING CURB AS MUCH AS POSSIBLE FOR NEW EXHAUST FANS.
7. NEW 1" LPS/LPC TO EXISTING STEAM COIL AND NEW STEAM GENERATOR. SC-1 AH-6A. INSTALL PIPING PER STEAM GENERATOR MANUFACTURER INSTRUCTIONS AND MECHANICAL DETAILS. PIPE SHALL NOT INTERFERE WITH EXISTING AHU CLEARANCE REQUIREMENTS AND ALL VALVES AND SPECIALTIES SHALL BE ACCESSIBLE.
8. INSTALL NEW STEAM GENERATOR ON EXISTING ROOF CURB. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

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| Revisions: | Date: |
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Drawing Title
MECHANICAL DEMO AND FLOOR PLAN - ROOF

Phase
CONSTRUCTION DOCUMENTS

Approved: _____

Project Title
RENOVATE PHARMACY CLEAN ROOM (USP 797)

Location
 510 E. Stoner Ave. Shreveport, LA 71101

Project Number
667-17-108

Building Number
1

Drawing Number
M102

Issue Date
 10/05/2017

Checked
 KGF

Drawn
 JBP