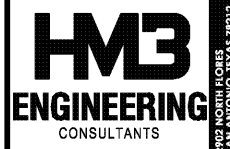




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1534

**MECHANICAL GENERAL
DEMOLITION NOTES:**

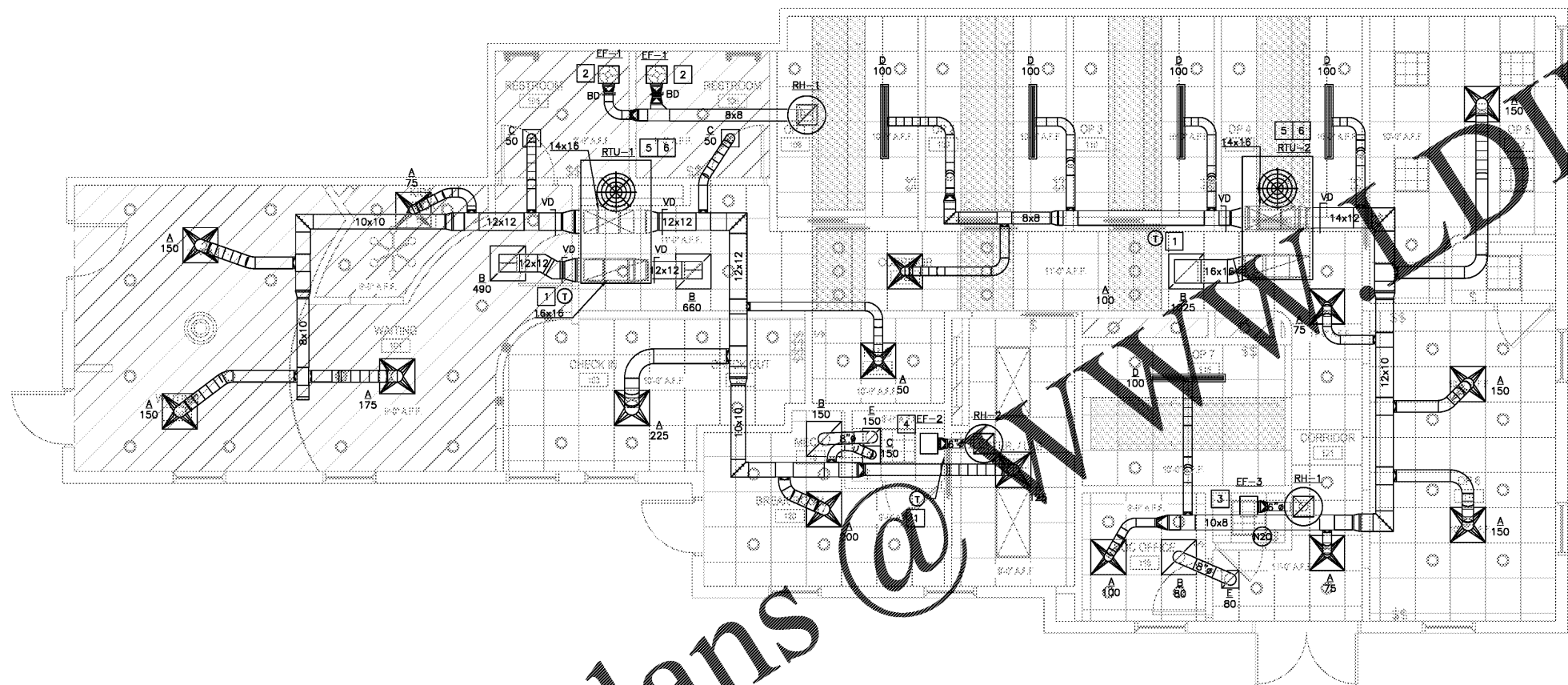
- A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.
- B. EQUIPMENT LOCATIONS ARE SHOWN APPROXIMATELY. VERIFY ALL DIMENSIONS AND LOCATIONS AT JOB SITE.
- C. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL NOT BE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS TO BE REMOVED OR RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REWORKING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS.
- D. WHEN AN EQUIPMENT IS IDENTIFIED TO BE DEMOLISHED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT EQUIPMENT. PROVIDE DISTRICT ONE WEEK NOTICE PRIOR TO DEMOLITION.
- E. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BE NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.
- F. THE "EXISTING" MECHANICAL SYSTEMS INDICATED ON THIS SHEET ARE BASED ON THE INFORMATION AVAILABLE AND MAY BE INCOMPLETE AND INACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL CONDITIONS AND MAKE NECESSARY ADJUSTMENTS AS NECESSARY TO ACCOMMODATE NEW WORK, AT NO EXTRA COST TO THE OWNER. CONDITIONS DIFFERENT TO THOSE INDICATED SHALL BE INCORPORATED INTO THE CONSTRUCTION DOCUMENTS. NOTE THAT ANY UNCOVERED SYSTEMS MUST BE CAREFULLY IDENTIFIED PRIOR TO MODIFICATIONS.
- G. CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL TRADES AND INCLUDE ANY MODIFICATIONS NEEDED TO ACCOMMODATE THEIR WORK.

MECHANICAL GENERAL NOTES:

- A. CONTRACTOR SHALL BALANCE EACH DEVICE WITH THE CFM SHOWN ON PLAN.
- B. NEW PIPING AND DUCTWORK SHOWN ON PLAN ARE SCHEMATIC ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK ROUTING, OFFSET AND RUN PIPING, DUCTWORK INSIDE THE STRUCTURE IF REQUIRED. PROVIDE ANY EXTRA PIPING, DUCTWORK, FITTINGS, INSULATIONS AND OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATION.
- C. COORDINATE LOCATIONS AND SIZES OF ROOF OPENINGS WITH OWNER AND STRUCTURE ENGINEERS.
- D. EQUIPMENT SIZES, DIMENSIONS AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE ACTUAL EQUIPMENT SELECTED VENDOR DRAWINGS BEFORE FABRICATION OF DUCTWORK, PIPING, ETC..
- E. DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE AIR STREAM DIMENSIONS.
- F. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS FOR ALL HVAC BASED ON ACTUAL EQUIPMENT SELECTED PRIOR TO INSTALLATION.
- G. CONTRACTOR SHALL COORDINATE EQUIPMENT WEIGHTS AND SUPPORTS BASED ON ACTUAL EQUIPMENT SELECTED.
- H. ALL EXPOSED DUCTWORK SHALL BE ROUND, DOUBLE-WALL INSULATED METAL, PRIMED FOR PAINTING. ALL CONCEALED DUCTWORK SHALL BE INSULATED METAL RECTANGULAR UNLESS OTHERWISE ALLOWED IN WRITING BY THE ENGINEER OF RECORD.
- I. COORDINATE WITH ALL TRADES FOR MATERIALS IN RATED AND PLENUM SPACES.
- J. ALL EXHAUST FANS SCHEDULED TO BE AUTOMATICALLY CONTROLLED BY MECHANICAL AIR HANDLERS SHALL BE CONNECTED BY MEANS OF AN AUXILIARY RELAY. PROVIDE AUXILIARY RELAY AS NEEDED.
- K. ALL SOURCE OF MECHANICAL INTAKE SHALL MAINTAIN 10 LINEAR FEET SEPARATION BETWEEN ANY SOURCE OF EXHAUST. CONTRACTOR IS RESPONSIBLE TO ADJUST DUCT LENGTH AS NEEDED.

KEYED NOTES:

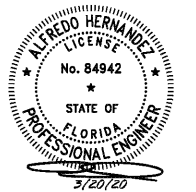
- 1. LOCATION OF DIGITAL THERMOSTAT CONTROL. PROVIDE LOCKABLE COVER.
- 2. PROVIDE ACCESS PANEL FOR CEILING MOUNTED EXHAUST FAN. INTERCONNECT EXHAUST FAN WITH LIGHTS IN THIS ROOM. REFER TO ELECTRICAL LIGHTING PLAN. FAN SHALL BE SUSPENDED FROM STRUCTURE ABOVE. VERIFY EXACT LOCATION OF STRUCTURAL MEMBERS PRIOR TO INSTALLATION. PROVIDE ROOF CAP AS SPECIFIED.
- 3. PROVIDE ACCESS PANEL FOR CEILING MOUNTED EXHAUST FAN. INTERCONNECT EXHAUST FAN WITH N2O SENSOR. FAN SHALL BE SUSPENDED FROM STRUCTURE ABOVE. VERIFY EXACT LOCATION OF STRUCTURAL MEMBERS PRIOR TO INSTALLATION. PROVIDE ROOF CAP AS SPECIFIED.
- 4. PROVIDE ACCESS PANEL FOR CEILING MOUNTED EXHAUST FAN. INTERCONNECT EXHAUST FAN WITH T-STAT AND SET CUT-ON TEMP TO BOT. FAN SHALL BE SUSPENDED FROM STRUCTURE ABOVE. VERIFY EXACT LOCATION OF STRUCTURAL MEMBERS PRIOR TO INSTALLATION. PROVIDE ROOF CAP AS SPECIFIED.
- 5. CONTRACTOR TO RUN CONDENSATE DRAIN TO NEAREST TAILPIECE END. COORDINATE WITH PLUMBING CONTRACTOR.
- 6. COORDINATE FINAL LOCATION OF EQUIPMENT WITH STRUCTURAL DRAWINGS. UNIT MUST BE AT LEAST 10' AWAY FROM EDGE OF ROOF.



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

Order Plans @

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 Page No. M100