

1 - HVAC DEMOLITION PLAN

1/4"=1'-0"

RECORD DRAWING

These Record Documents have been prepared based on information provided by others. The Engineer has not verified the accuracy and/or completeness of this information and shall not be the responsible for any errors or omissions which may be incorporated herein as a result.

Dated: 2017-10-13

By: *[Signature]*

FIRE RATING LEGEND

1 HR 1 HOUR RATED FIRE PARTITION

KEY PLAN

NOT TO SCALE

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

GENERAL DEMOLITION NOTES

1. THE MECHANICAL CONTRACTOR SHALL REVIEW THE DRAWINGS AND SPECIFICATIONS FOR DEMOLITION REQUIREMENTS AND LAYOUT HIS WORK IN A COMPATIBLE AND COMPLEMENTARY MANNER. REMOVE ALL EQUIPMENT, DUCTWORK, SUPPORTS, CONTROLS, ACCESSORIES, ETC., AND MECHANICAL ITEMS MADE OBSOLETE BY THESE ALTERATIONS AS SHOWN IN THE MECHANICAL DRAWINGS. ALL ITEMS TO BE REMOVED OR MODIFIED MAY NOT BE SHOWN, HOWEVER, THIS CONTRACTOR SHALL REMOVE ANY MECHANICAL WORK AS REQUIRED BY THE CONSTRUCTION OR AS DIRECTED BY THE OWNER OR THE ENGINEER. SURVEY THE AFFECTED AREAS BEFORE SUBMITTING A BID.
2. SCHEDULING OF DEMOLITION - COORDINATE SCHEDULING OF MECHANICAL DEMOLITION WORK WITH THE OWNER AND GENERAL CONTRACTOR SO AS TO MINIMIZE DISRUPTION OF THE OWNER'S USE OF THE FACILITIES AND MAINTAIN THE CONSTRUCTION SEQUENCE OF THE GENERAL CONTRACTOR. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INSTRUCTIONS CONCERNING PHASING AND SEQUENCE OF WORK.
3. EXISTING MECHANICAL SYSTEMS - VERIFY CONDITION OF EXISTING MECHANICAL SYSTEMS TO BE REUSED SO THAT COMPLETE, FULLY OPERATIONAL AND RELIABLE SYSTEMS ARE OBTAINED AT THE COMPLETION OF THE WORK. NOTIFY ARCHITECT/ENGINEER OF ANY SYSTEMS FOUND TO BE OF QUESTIONABLE CONDITION.
4. ALL EXISTING MECHANICAL EQUIPMENT AND DEVICES SHALL REMAIN UNLESS SPECIFICALLY NOTED TO BE REMOVED.
5. DEMOLISHED MATERIALS - UNLESS SPECIFICALLY REQUESTED BY THE OWNER, ALL DEMOLISHED MECHANICAL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
6. CUTTING AND PATCHING - PERFORM CUTTING AND PATCHING FOR MECHANICAL WORK SO AS TO MINIMIZE DAMAGE TO CEILINGS, FLOORS AND WALLS. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL SPECIFICATIONS SECTIONS FOR SPECIFIC RESPONSIBILITIES REGARDING CUTTING AND PATCHING.
7. THESE DRAWINGS ARE COMPILED BY THE ARCHITECT/ENGINEER FROM THE OWNER'S AS-BUILT RECORD DRAWINGS AND LIMITED FIELD VERIFICATION OF EXISTING CONDITIONS FOR THE PURPOSE OF INDICATING THE WORK REQUIRED AND ARE BELIEVED TO BE CORRECT. NOTWITHSTANDING, THE CONTRACTOR SHALL VERIFY ALL DUCTWORK, EQUIPMENT LOCATIONS, DIMENSIONS AND ALL FIELD CONDITIONS AFFECTING HIS WORK.
8. WHERE MECHANICAL SYSTEMS PASS THROUGH THE DEMOLITION AREAS TO SERVE OTHER PORTIONS OF THE PREMISES, THEY SHALL REMAIN OR BE SUITABLY RELOCATED AND THE SYSTEM RESTORED TO NORMAL OPERATION. ADVISE THE ARCHITECT/ENGINEER IMMEDIATELY IF SUCH CONDITIONS ARE UNCOVERED BEFORE PROCEEDING WITH ADDITIONAL WORK.
9. PROTECT ALL EXISTING LIFE SAFETY SYSTEMS, FIRE ALARM AND PUBLIC ADDRESS SYSTEMS AND MAINTAIN THEM IN OPERATION THROUGHOUT THE PROGRESS OF THE WORK. NOTIFY THE OWNER AND ARCHITECT/ENGINEER IN WRITING OF SHUTDOWNS ARE REQUIRED PRIOR TO ANY OUTAGE OF SERVICE. WHERE THE DURATION OF A PROPOSED OUTAGE CANNOT BE TOLERATED BY THE OWNER, PROVIDE TEMPORARY CONNECTIONS AS REQUIRED MAINTAINING SERVICE.
10. SURVEY THE EFFECTED AREAS BEFORE SUBMITTING A BID AS ALL EXISTING CONDITIONS CANNOT BE COMPLETELY DEPICTED ON THE DRAWINGS AND SOME UNUSUAL CONDITIONS EXIST.
11. CONTRACTOR SHALL OBTAIN SAFETY CLEARANCE FROM UNIVERSITY'S ENVIRONMENT, HEALTH AND SAFETY DEPARTMENT PRIOR TO REMOVAL AND DECONTAMINATION OF ANY LAB HOODS, BIO AND CHEMICAL SAFETY CABINETS.

DEMOLITION KEYED NOTES

1. REMOVE AND DISPOSE OF EXISTING SUPPLY DIFFUSER, INCLUDING BUT NOT LIMITED TO: FLEX DUCT, HANGERS, SUPPORTS, INSULATION, ETC., REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
2. REMOVE AND DISPOSE OF EXISTING RETURN GRILLE, INCLUDING BUT NOT LIMITED TO: FLEX DUCT, HANGERS, SUPPORTS, INSULATION, ETC., REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
3. REMOVE AND DISPOSE OF EXISTING EXHAUST DUCT ABOVE FLOOR AND IN CRAWL SPACE, INCLUDING BUT NOT LIMITED TO: HANGERS, SUPPORTS, INSULATION, ETC., REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
4. REMOVE AND DISPOSE OF EXISTING RETURN/EXHAUST DUCT, INCLUDING BUT NOT LIMITED TO: HANGERS, SUPPORTS, INSULATION, ETC., PATCH EXISTING MAIN TRUNK AIR-TIGHT TO MATCH EXISTING. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
5. REMOVE AND DISPOSE OF EXISTING TEMPERATURE SENSOR. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
6. RELOCATE (X)ATU04 INCLUDING BUT NOT LIMITED TO HANGERS, PIPING, DUCTWORK, ETC. AS SHOWN ON NEW WORK PLAN. DISCONNECT HWS AND HWR PIPING AND EXTEND TO NEW (X)SD04 LOCATION. DISCONNECT DUCTWORK AND EXTEND TO NEW (X)ATU04 LOCATION.
7. NOT USED
8. REMOVE AND DISPOSE OF EXISTING EXHAUST TERMINAL UNIT INCLUDING BUT NOT LIMITED TO HANGERS, SUPPORTS, CONTROL WIRING, ETC..
9. EXISTING CONTROL CABINET TO REMOVED/RELOCATED BY DDC CONTRACTOR. COORDINATE RELOCATION WITH NEW LAB ARRANGEMENT.

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STATE ID# 17-16975-01A

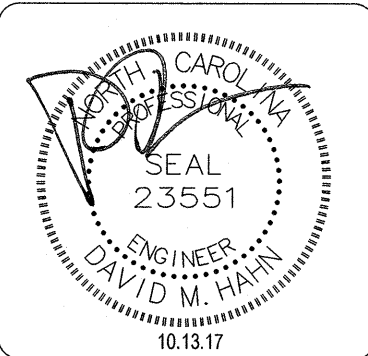
MECHANICAL HVAC DEMOLITION PLAN, GENERAL DEMOLITION NOTES AND DEMOLITION KEYED NOTES

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