University of South Carolina

Med Park 15 – Replace AHU-1 & 2

FP00000:164

Addendum Two

December 6, 2019

The following items add to, modify, clarify, or otherwise alter the Drawings and/or specifications and will become a part of the Contract Documents. Where a portion of the drawings and/or specifications is added to, modified, clarified, or otherwise altered; the portion not so affected shall remain. Bidder shall include all effects that these items may have on his proposal.

General:

1. Add double door to new mechanical room based on attached sketch.
2. Drawing M1.0 – Make changes to drawing as indicated in attached.
3. Drawing M2.0 – Return ductwork is below slab. Unit shall have enough height (unit plus housekeeping pad) for a deep seal p-trap to be installed and spill into condensate pump.
4. Drawing M2.0 – Make changes to drawing as indicated in attached.
5. Drawing E3.0 - Make the following revisions to the drawing:
    a. Relocate existing light switch within new mechanical room to accommodate new double door as shown in architectural sketch. Surface mount switch and modify/extend conduit and wiring as required.

Attachments:

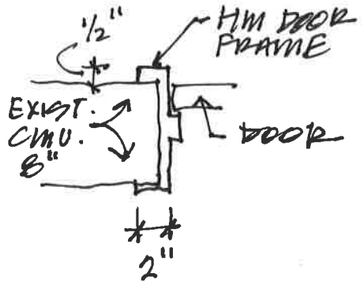
1. Double Door to Mechanical room sketch
2. Drawing M1.0
3. Drawing M2.0

END OF ADDENDUM TWO

USC SOM MED PARK 15 - AHW 1&2

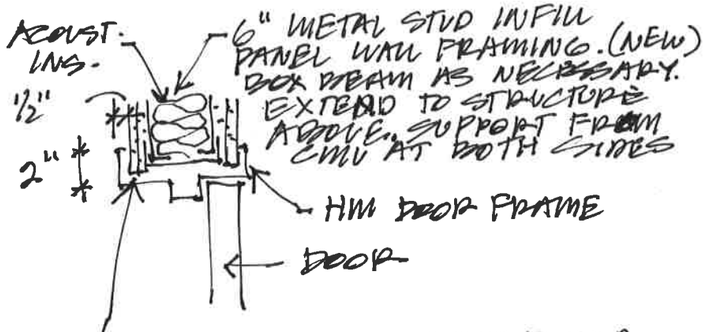
12/5/19

18076.01



JAMB

NOT TO SCALE.

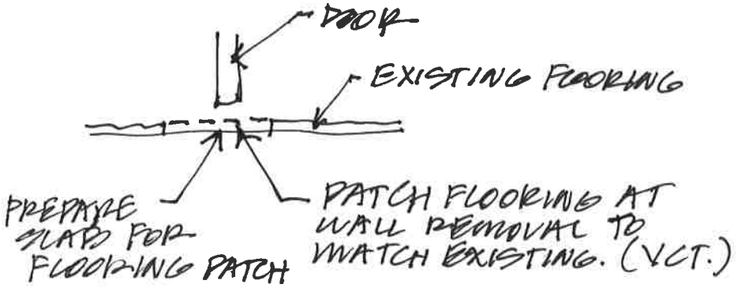


HEAD

NOT TO SCALE.

DEMO AND RENO FLOOR PLAN.

NOT TO SCALE.



SILL

NOT TO SCALE.

DEMO NOTES:

(1) REMOVE EXISTING HM FRAME AND WOOD DOOR COMPLETELY. REMOVE ALL ASSOCIATED HARDWARE AND ATTACHMENTS.

(2) SAWCUT SECTION OF EXISTING 8" CMU WALL AND REMOVE, FROM JAMB SIDE OF EXISTING DOOR AND EXTENDING TO ROUGH OPENING SIZE AS NEEDED FOR NEW DOOR AND FRAME INSTALLATION. REMOVE CMU FROM FLOOR TO UNDERSIDE OF STRUCTURE. GRIND REINFORCEMENT FLUSH WITH SLAB.

(3) REMOVE AS MUCH CEILING ON EACH SIDE OF WALL AS NECESSARY FOR WALL WORK. SALVAGE FOR REUSE.

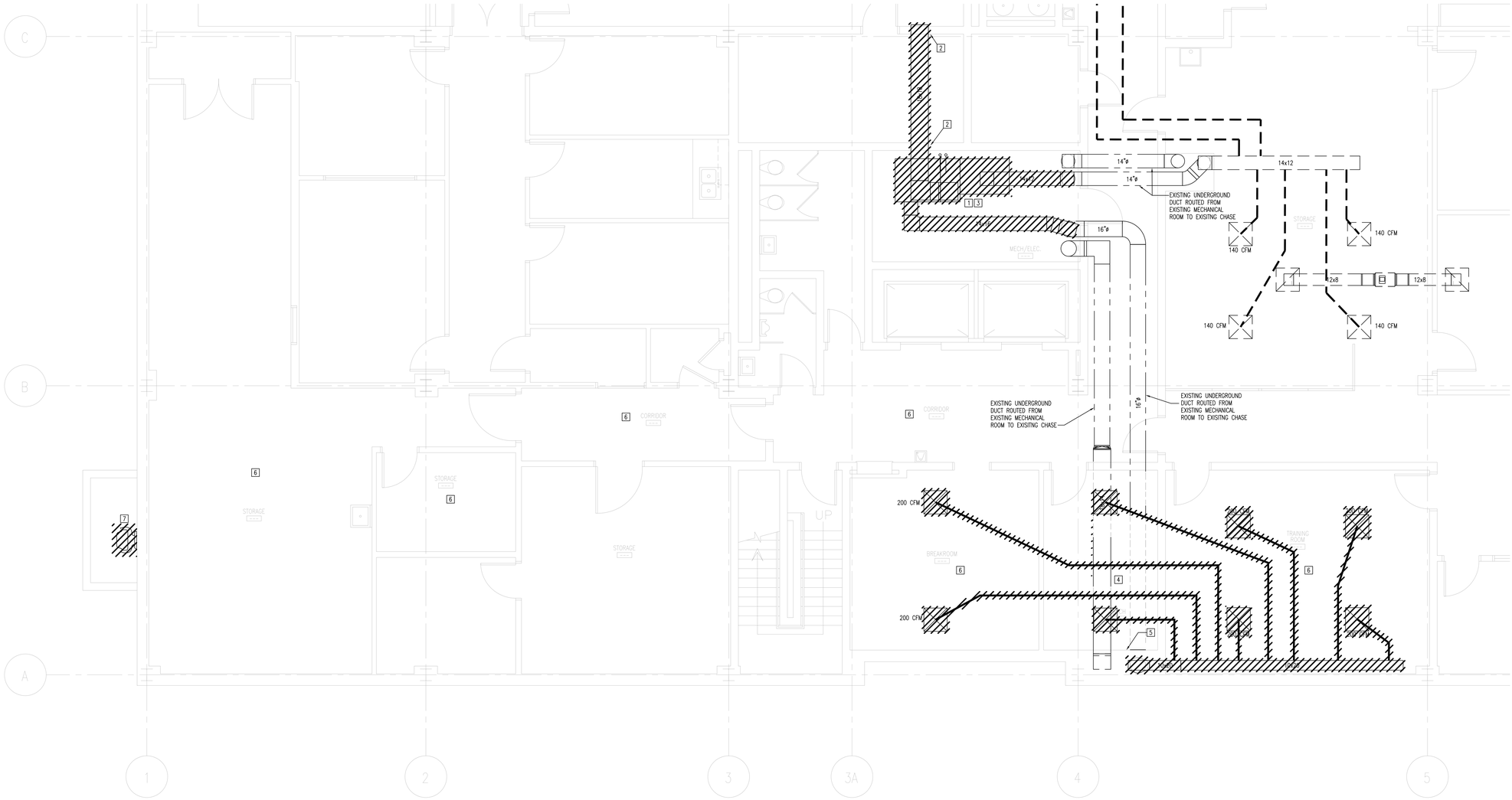
RENOVATION NOTES:

[1] INSTALL NEW HM FRAME AND DOOR.

FRAME: -2" JAMBS - 1 HR. RATED
-2" HEAD
-18 GA.
-PRIMED FOR FIELD PAINT
-SEE HEAD, JAMB, SILL DETAIL

DOOR: -18 GA. HM. -1.75" THICK
-HOLLOW CORE.
-1 HR. RATED
-7'-0" X 6'-0" PAIR

HARDWARE:
-GRADE 1 -CYLINDRICAL LEVER-SET STORAGE FUNCTION
-ANSI A115.1
-6 HINGES
-2 CLOSERS -SILENCERS
-1 SET MAN. FLUSH BOLTS
-DUST PROOF FLOOR STRIKE
-ASTRAGAL



1 PARTIAL BASEMENT FLOOR PLAN – HVAC DEMOLITION
1/4"=1'-0"

DEMOLITION NOTES:

1. REMOVE EXISTING AH-1 & 2, ASSOCIATED CONTROLS, AND DUCTWORK AS INDICATED. SEE RENOVATION PLAN FOR ADDITIONAL INFORMATION.
2. PATCH OPENING IN WALL. WALL SHALL MATCH EXISTING WALL CONSTRUCTION.
3. REMOVE EXISTING STARTERS AND DISCONNECTS ASSOCIATED WITH AH-1 AND AH-2.
4. REMOVE EXISTING LAY-IN CEILING FOR INSTALLATION OF NEW AIR HANDLER AND ASSOCIATED DUCTWORK.
5. REMOVE AND REPLACE CMU CHASE WALL FOR DEMOLITION AND INSTALLATION OF NEW VERTICAL DUCTS.
6. REMOVE AND REPLACE LAY-IN CEILING AS REQUIRED IN THIS AREA TO INSTALL NEW DUCTWORK. PROTECT ALL FURNISHING IN ROOM DURING CONSTRUCTION. CONTRACTOR SHALL REPLACE ANY DAMAGED TILE AND CEILING GRID REMOVED FOR INSTALLATION OF NEW DUCTWORK. CONTRACTOR SHALL DOCUMENT CONDITION OF EXISTING TILE AND GRID PRIOR TO ANY DEMOLITION.
7. REMOVE EXISTING EXHAUST FAN AND REUSE OPENING FOR AN INTAKE LOUVER.

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consultants

owner
UNIVERSITY OF SOUTH CAROLINA
USC SCHOOL OF MEDICINE

project name
MED PARK #15
AHU REPLACEMENT
PROJECT # FP00000164

project number
18076.01

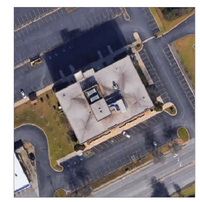
seals/signature

issued for
CONSTRUCTION

date
October 8, 2019

number	item	date
1	ADDENDUM NO. 2	12/6/19

key plan



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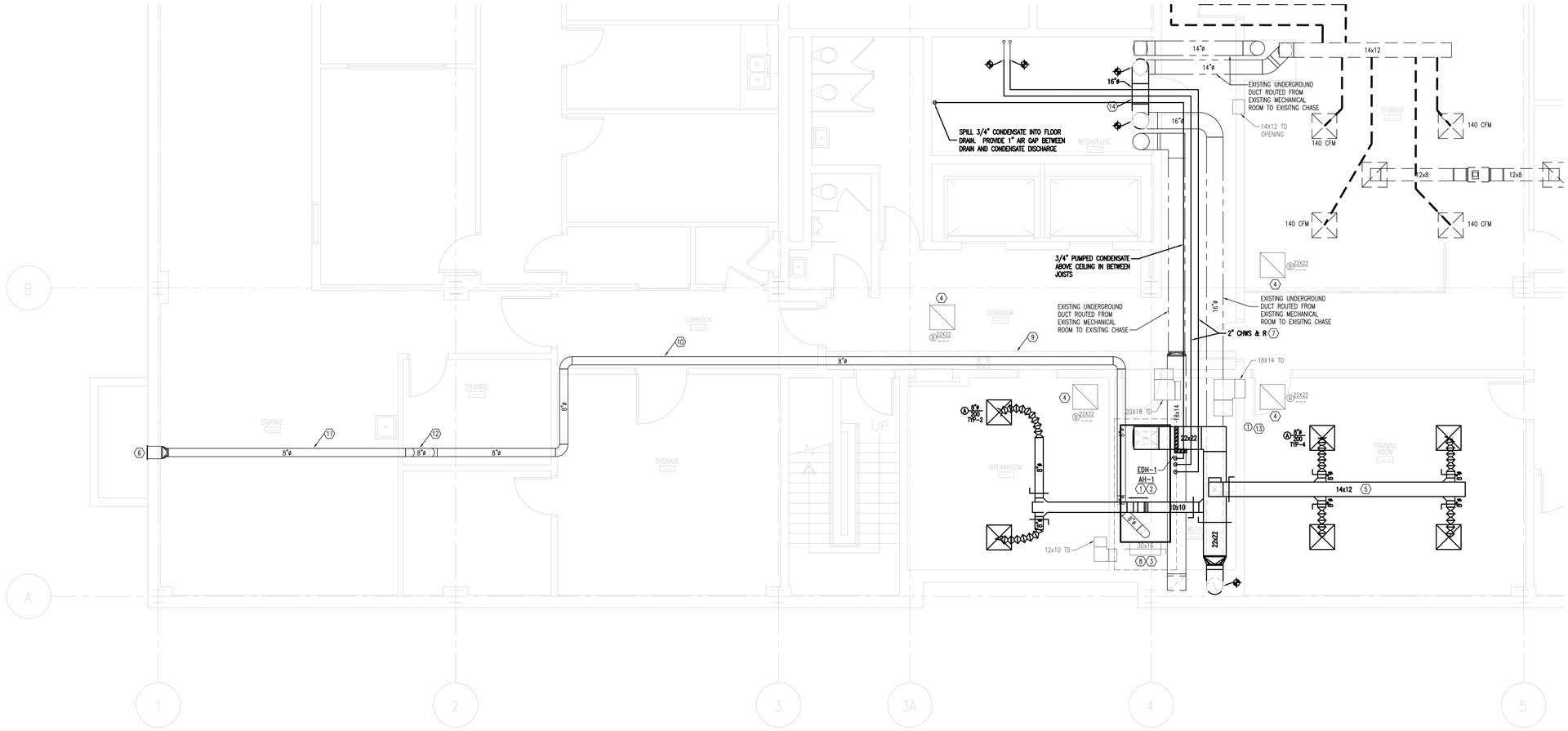
sheet title
PARTIAL BASEMENT FLOOR PLAN HVAC DEMOLITION

sheet number
M1.0

drawn by JDR
checked by JWB



1 PARTIAL BASEMENT FLOOR PLAN – HVAC RENOVATION
1/4"=1'-0"

NOTES:

1. PROVIDE DEEP SEAL P-TRAP FULL SIZE OF UNIT CONNECTION AND SPILL CONDENSATE INTO CONDENSATE PUMP. PUMP CONDENDATE ABOVE CEILING INTO EXISTING MECHANICAL ROOM AND SPILL INTO FLOOR DRAIN. CONDENSATE PIPING SHALL SLOPE A MINIMUM 1/8" PER FT. POWER CONDENSATE PUMP FROM EXISTING WALL OUTLET.
2. PROVIDE NEW 6" HOUSEKEEPING PAD FOR NEW AC-1. HOUSEKEEPING PAD SHALL BE A MINIMUM OF 6" LARGER IN ALL DIMENSIONS OF NEW UNIT.
3. CONNECT RETURN DUCT TO UNIT. PROVIDE DUCT DETECTOR IN RETURN DUCT AND CONNECT TO EXISTING FIRE ALARM SYSTEM. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. INSTALL NEW RETURN GRILLE IN EXISITNG LAY-IN CEILING. COORIDATE GRILLE LOCATION WITH EXISTING LIGHTING AND CEILING MOUNTED DEVICES.
5. ROUTE RIGID AND FLEXIBLE DUCT BETWEEN STRUCTURAL BAR JOIST.
6. PROVIDE NEW INTAKE LOUVER IN EXISTING OPENING. INSTALL NEW INTAKE LOUVER IN EXISTING OPENING. FIELD VERIFY OPENING PRIOR TO ORDERING INTAKE LOUVER. LOUVER SHALL BE GREENHECK ESD-403 OR APPROVED EQUAL. TRANSITION OUTSIDE AIR DUCT TO LOUVER SIZE.
7. ROUTE CHILLED WATER PIPING IN BETWEEN STRUCTURAL JOIST TO NEW MECHANICAL ROOM.
8. PROVIDE WIRE GRILLE OVER DUCT OPENING. SEE WIRE GRILLE DETAIL FOR ADDITIONAL INFORMATION.
9. ROUTE OUTSIDE AIR DUCT IN NEW SOFFIT. SEE SOFFIT DETAIL FOR ADDITIONAL INFORMATION.
10. ROUTE OUTSIDE AIR DUCT BELOW CEILING. CONTRACTOR SHALL INSTALL DUCT TIGHT TO EXISTING CEILING.
11. ROUTE OUTSIDE AIR DUCT BETWEEN STRUCTURAL JOIST.
12. OFFSET OUTSIDE AIR DUCT BELOW STRUCTURAL BEAM AND ROUTE BELOW EXISTING CEILING.
13. INSTALL NEW TEMPERATURE SENSOR AT LOCATION SHOWN. NEW SENSOR SHALL CONTROL OPERATION OF NEW AH-1.
14. CONNECT EXISTING UNDERGROUND DUCTS WITH NEW DUCT LOCATED IN EXISTING MECH/ELEC. ROOM.

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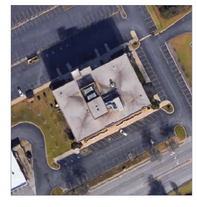

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sheet title
PARTIAL BASEMENT FLOOR PLAN - HVAC RENOVATION

sheet number
M2.0

drawn by JDR
checked by JWB