




NOTES:


(THIS SHEET ONLY)

- 20x18 EXHAUST UP TO EF-5 ON ROOF. 2 HR FIRE DAMPER AT ROOF PENETRATION.
- TRANSITION IN THE VERTICAL FROM 36x10 TO AHU OPENING.
- 6" CWS/CWR FROM BELOW. STUB UP TO 8'-0" AFF AND FINISH WITH BUTTERFLY VALVES AND CAPPED FLANGE CONNECTION FOR FUTURE FLOORS ABOVE.
- RUN 3" CWS/CWR TO AHU-2 COOLING COIL AND CONNECT PIPING TO COIL TO AVOID INTERFERENCE WITH AHU-2 DOORS.
- CONNECT 1-1/4" HWS/HWR TO AHU-2 PREHEAT COIL PER PREHEAT COIL CONNECTION DETAIL. COORDINATE PIPING WITH AHU ACCESS DOORS.
- 3" HWS/HWR FROM MECHANICAL ROOM BELOW. RUN UP TO 8'-0" AFF AND CAP FOR FUTURE CONNECTION.
- PROVIDE 2" HWS/HWR TAKE OFF FROM RISER FOR THIS FLOOR. PROVIDE 2" FULL PORT BALL VALVES AT TAKE OFF.
- EXTEND 2 1/2" STEAM PRV VENT PIPE FROM BELOW VENT STEAM PIPE TO EXTERIOR OF BUILDING.
- 3" HIGH PRESSURE STEAM PIPE FROM BELOW. EXTEND TO 4'-0" AFF AND PERMANENTLY CAP AND INSULATE.
- NEW FLOOR DRAIN. SEE PLUMBING FOR SIZE, DETAIL, AND FLOOR LOCATION.
- FIRE DAMPER AS INDICATED. SEE DETAILS AND SPECIFICATIONS.
- DDC CONTROL PANEL AND VFD FOR AHU-2.
- VFD FOR AHU-2 MOUNTED ON AHU.

  
ENLARGED SECOND FLOOR SUPPLY  
DUCTWORK PLAN - MECHANICAL  
SCALE: 1/4" = 1'-0"

  
ENLARGED SECOND FLOOR RETURN AND  
EXHAUST DUCTWORK PLAN - MECHANICAL  
SCALE: 1/4" = 1'-0"

  
ENLARGED 2ND FLOOR MECHANICAL ROOM  
NEW WORK PIPING PLAN - MECHANICAL  
SCALE: 1/4" = 1'-0"

  
100% REVIEW  
SUBMITTAL

Revisions	Date

**Toland ♦ Mizell ♦ Molnar, LLC**  
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Drawing Title  
**ENLARGED SECOND FLOOR  
DUCTWORK AND PIPING  
PLAN - MECHANICAL**

Project Title  
**2ND FLOOR OUTPATIENT  
MENTAL HEALTH**

Date  
05-25-2011

Project No.  
VA256-C-1047

DRWING NO.  
M402

**Veterans  
Administration**