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Albert B. Chandler Medical Center University of Kentucky Hospital Expansion & Renovation
1/4" Scale Second Level M.E.P. Plan
HOSPITAL EXPANSION & RENOVATION
A. B. CHANDLER MEDICAL CENTER
PROJECT NO. 304.1
BID PACKAGE #2

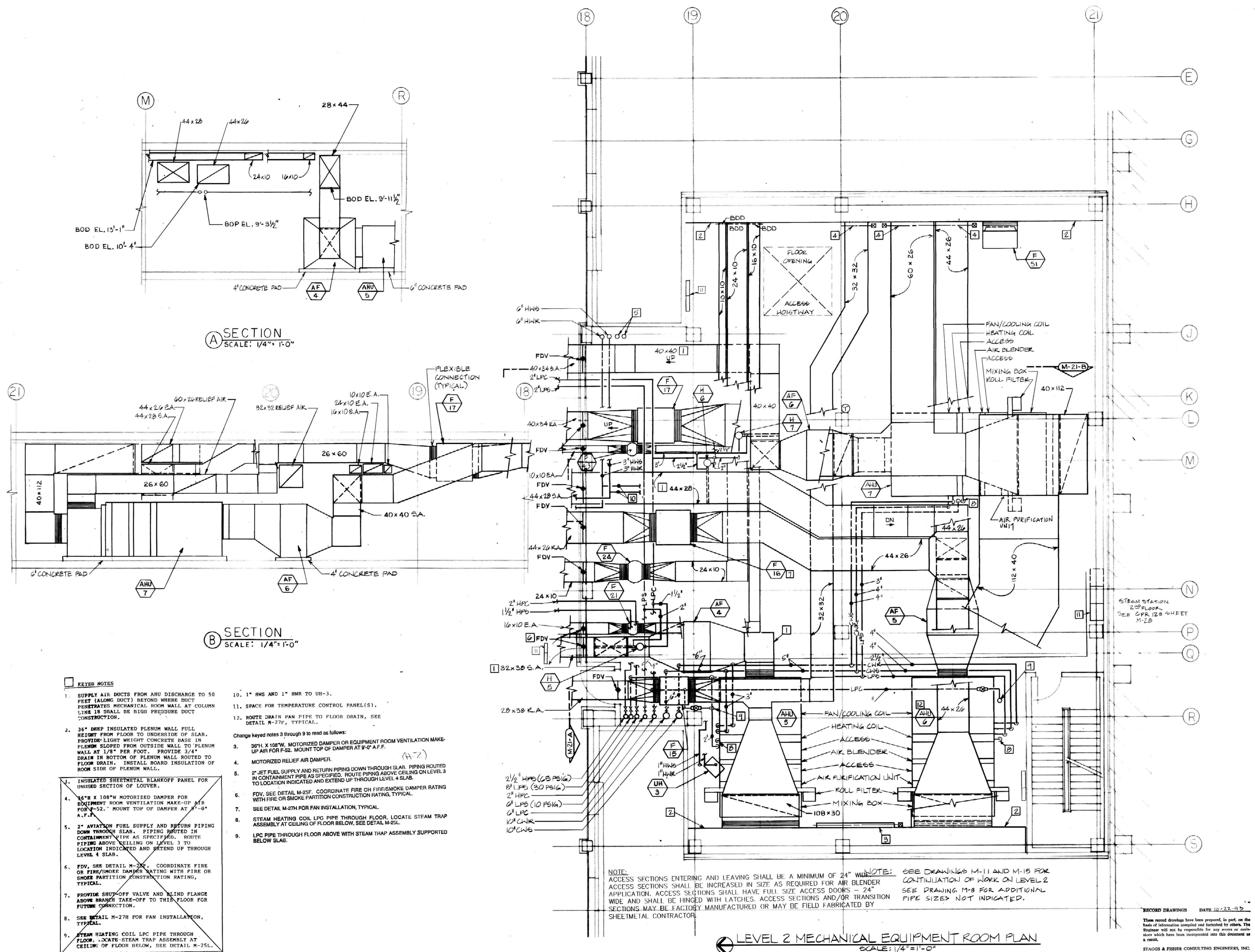
University of Kentucky
Design & Construction
Approval
W. J. ...
Director

Date 11/87
Drawn by JEB
Check by
Revisions

These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this document as a result.

STAGGS & FISHER CONSULTING ENGINEERS, INC.
M-21
HOSPITAL ADDITION

ALBERT B. CHANDLER MEDICAL CENTER UNIVERSITY OF KENTUCKY HOSPITAL EXPANSION & RENOVATION



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

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

KEYED NOTES

- SUPPLY AIR DUCTS FROM AHU DISCHARGE TO 50 FEET (ALONG DUCT) BEYOND WHERE DUCT PENETRATES MECHANICAL ROOM WALL AT COLUMN LINE 18 SHALL BE HIGH PRESSURE DUCT CONSTRUCTION.
 - 36" DEEP INSULATED PLENUM WALL FULL HEIGHT FROM FLOOR TO UNDERSIDE OF SLAB. PROVIDE LIGHT WEIGHT CONCRETE BASE IN PLENUM SLOPED FROM OUTSIDE WALL TO PLENUM WALL AT 1/8" PER FOOT. PROVIDE 3/4" DRAIN IN BOTTOM OF PLENUM WALL ROUTED TO FLOOR DRAIN. INSTALL BOARD INSULATION OF ROOM SIDE OF PLENUM WALL.
 - INSULATED SHEETMETAL BLANKOFF PANEL FOR UNUSED SECTION OF LOUVER.
 - 36" H X 108" W MOTORIZED DAMPER FOR EQUIPMENT ROOM VENTILATION MAKE-UP AIR FOR F-52. MOUNT TOP OF DAMPER AT 9'-0" A.F.F.
 - 2" AVIATION FUEL SUPPLY AND RETURN PIPING DOWN THROUGH SLAB. PIPING ROUTED IN CONTAINMENT PIPE AS SPECIFIED. ROUTE PIPING ABOVE CEILING ON LEVEL 3 TO LOCATION INDICATED AND EXTEND UP THROUGH LEVEL 4 SLAB.
 - FDV, SEE DETAIL M-27X. COORDINATE FIRE OR FIRE/SMOKE DAMPER RATING WITH FIRE OR SMOKE PARTITION CONSTRUCTION RATING, TYPICAL.
 - PROVIDE SHUT-OFF VALVE AND BLIND FLANGE ABOVE BRANCH TAKE-OFF TO THIS FLOOR FOR FUTURE CONNECTION.
 - SEE DETAIL M-27H FOR FAN INSTALLATION, TYPICAL.
 - STEAM HEATING COIL LPC PIPE THROUGH FLOOR. LOCATE STEAM TRAP ASSEMBLY AT CEILING OF FLOOR BELOW, SEE DETAIL M-25L.
 - 1" HWS AND 1" HWR TO UH-3.
 - SPACE FOR TEMPERATURE CONTROL PANEL(S).
 - ROUTE DRAIN PAN PIPE TO FLOOR DRAIN, SEE DETAIL M-27F, TYPICAL.
- Change keyed notes 3 through 9 to read as follows:
- 36" H X 108" W MOTORIZED DAMPER OR EQUIPMENT ROOM VENTILATION MAKE-UP AIR FOR F-52. MOUNT TOP OF DAMPER AT 9'-0" A.F.F. (A-7)
 - MOTORIZED RELIEF AIR DAMPER.
 - 2" JET FUEL SUPPLY AND RETURN PIPING DOWN THROUGH SLAB. PIPING ROUTED IN CONTAINMENT PIPE AS SPECIFIED. ROUTE PIPING ABOVE CEILING ON LEVEL 3 TO LOCATION INDICATED AND EXTEND UP THROUGH LEVEL 4 SLAB.
 - FDV, SEE DETAIL M-25F. COORDINATE FIRE OR FIRE/SMOKE DAMPER RATING WITH FIRE OR SMOKE PARTITION CONSTRUCTION RATING, TYPICAL.
 - SEE DETAIL M-27H FOR FAN INSTALLATION, TYPICAL.
 - STEAM HEATING COIL LPC PIPE THROUGH FLOOR. LOCATE STEAM TRAP ASSEMBLY AT CEILING OF FLOOR BELOW, SEE DETAIL M-25L.
 - LPC PIPE THROUGH FLOOR ABOVE WITH STEAM TRAP ASSEMBLY SUPPORTED BELOW SLAB.

NOTE: ACCESS SECTIONS ENTERING AND LEAVING SHALL BE A MINIMUM OF 24" WITH ACCESS SECTIONS SHALL BE INCREASED IN SIZE AS REQUIRED FOR AIR BLENDER APPLICATION. ACCESS SECTIONS SHALL HAVE FULL SIZE ACCESS DOORS - 24" WIDE AND SHALL BE HINGED WITH LATCHES. ACCESS SECTIONS AND/OR TRANSITION SECTIONS MAY BE FACTORY MANUFACTURED OR MAY BE FIELD FABRICATED BY SHEETMETAL CONTRACTOR.

NOTE: SEE DRAWINGS M-11 AND M-15 FOR CONTINUATION OF WORK ON LEVEL 2 SEE DRAWING M-8 FOR ADDITIONAL PIPE SIZES NOT INDICATED.

LEVEL 2 MECHANICAL EQUIPMENT ROOM PLAN
SCALE: 1/4" = 1'-0"

RECORD DRAWINGS DATE 10-22-92

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M-21	M-21	M-21