

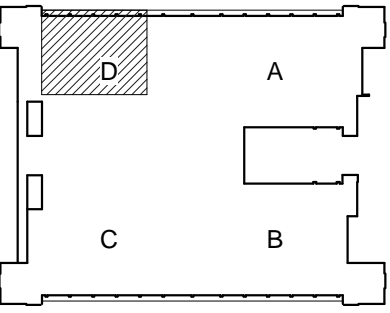
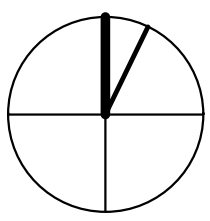
GENERAL NOTES

- A. PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING.
- B. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED. DUCT SIZES ARE NET INSIDE DIMENSIONS.
- C. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVETRAPs, DAMPERS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISH AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.
- D. TOTAL STATIC PRESSURE NOTED IN THE SCHEDULES INCLUDES DUCT SYSTEM TERMINAL UNITS, FILTERS, COILS, ETC.
- E. FOR TYPICAL STEAM AND WATER PIPING CONNECTIONS TO EQUIPMENT, SEE STANDARD EQUIPMENT DETAILS.
- F. WATER PIPE CONNECTIONS TO AIR HEATING AND COOLING COILS SHALL BE MADE TO PROVIDE COUNTER FLOW BETWEEN WATER AND AIR.
- G. ALL PRESSURES LISTED ARE GAGE PRESSURE UNLESS OTHERWISE NOTED
- H. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND GRILLES.
- I. HP STEAM HEADER SET PRESSURE: 60 PSIG NORMAL
60 PSIG LOW DEMAND PERIODS
- J. ALTITUDE: 5300 FT. ABOVE SEA LEVEL
- K. SEISMIC PROVISIONS REQUIRED - SEE SPECS
- L. EXTEND NEW HVAC TO THE PHASE 2 AREA.
- M. EXTEND HOT WATER PIPING TO THE TERMINALS.
- N. MOST OF THE WORK SHOWN IN FLOOR PLANS IS INTENDED TO BE LOCATED IN THE INTERSTITIAL SPACE IN ACCORDANCE WITH VA STANDARDS. IN GENERAL, THE WORK LOCATED BELOW THE INTERSTITIAL FLOOR IS GENERALLY LIMITED TO DUCT MOUNTS, DUCT RUNOUTS, AND FINAL CONNECTIONS TO CEILING MOUNTED DIFFUSERS GRILLES, AS DICTATED BY THE VA STANDARDS.
- O. COORDINATE WORK WITH THAT OF ALL DISCIPLINES, INCLUDING BOTH THE NEW WORK AND THE EXISTING TO REMAIN. RELOCATE EXISTING TO REMAIN WORK AS REQUIRED TO ACCOMMODATE THE PHASING REQUIREMENTS AND THE NEW WORK.
- P. COORDINATE SHUTDOWNS AND OUTAGES WITH VA COR 2 WEEKS PRIOR TO COMMENCEMENT OF WORK.
- Q. SMALLEST RECTANGULAR DUCT SIZE IS 8 X 8 UNLESS OTHERWISE SPECIFIED.
- R. SMALLEST ROUND DUCT SIZE IS 8 Ø UNLESS OTHERWISE SPECIFIED.
- S. SMALLEST FLEX DUCT SIZE IS 8 Ø UNLESS OTHERWISE SPECIFIED.
- T. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED TO MEET THE FOLLOWING PRESSURE CLASSIFICATION REQUIREMENTS:
- SUPPLY:
- MAIN SUPPLY DUCT, BRANCH SUPPLY DUCT, TAKE OFF TO TERMINAL UNITS. 4 IN. W.G.
- TERMINAL UNITS TO DIFFUSERS: 2 IN. W.G.
- RETURN/EXHAUST:
- MAIN RETURN AND EXHAUST DUCTS: -3 IN. W.G.
- BRANCH RETURN AND EXHAUST DUCTS, TAKE OFF TO TERMINAL UNITS: -2 IN. W.G.
- U. MAINTAIN EXISTING WALKWAY THAT EXTENDS AROUND THEIR PERIMETER OF THE INTERSTITIAL SPACE.
- V. PROVIDE VOLUME BALANCING DAMPER IN EACH BRANCH DUCT THAT SERVES A CEILING DIFFUSER, UNLESS THERE IS ONLY ONE CEILING DIFFUSER ON THAT BOX. PROVIDE VOLUME BALANCING DAMPER IN EACH BRANCH DUCT THAT SERVES INDIVIDUAL RETURN AIR GRILLE OR EXHAUST AIR GRILLE.

KEYED NOTES

1. REPLACE EXISTING DIFFUSERS TO MATCH THOSE OF NEW WORK IN QUAD D. ALIGN TO NEW CEILING TILE GRID.
2. PROVIDE 2-HR RATED FIRE DAMPERS AT PENETRATION THROUGH EXISTING WALLS.
3. DO NOT INSTALL ANYTHING NEW (DUCTS, FITTINGS, TERMINAL UNITS ETC.) IN THE INDICATED SHADED ZONE (3' WIDE X 6' HIGH). THIS ZONE MUST STAY CLEAR FOR PERSONNEL ACCESS AND EXITING. ALL NEW ITEMS THAT MUST CROSS THIS ZONE ARE TO BE OFFSET UP AND OVER THIS ZONE. EXISTING ITEMS (DUCTS, TERMINAL UNITS ETC.) CAN STAY WHERE THEY ARE. IT IS NOT PART OF THE SCOPE OF WORK IN THIS CONTRACT TO RELOCATE THOSE EXISTING ITEMS OUT OF THIS ZONE UNLESS NOTED OTHERWISE.

KEY PLAN - 3RD FLOOR



COMPLETION ITEM NO. _____
FULLY SPRINKLERED

A1 MECHANICAL HVAC PLAN -QUAD D - PACU - PHASE 2

1/8" = 1'-0"

CONSULTANTS:

ARCHITECT/ENGINEERS

THE HARTMAN + MAJEWSKI
DESIGN GROUP
Architects Engineers Interior Design
Planners Urban Designers LEED®

120 Vassar Dr SE Suite 100
Albuquerque New Mexico 87106
Tel 505 242 6880 Fax 505 242 6881



Drawing Title

MECHANICAL HVAC - QUAD D - PACU PHASE 2 FLOOR PLAN

Approved: Project Director

Project Title

MICU-SICU CONSOLIDATION & PACU
BUILDING 41

Location

NMVAHCS RAYMOND G. MURPHY VAMC

Date

SEPTEMBER 26, 2014

Checked

ROS

Drawn

CAK

Project Number

501-324

Building Number

BUILDING 41

Drawing Number

MH103

Dwg.

Of

Office of
Construction
and Facilities
Management



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file path

one-quarter inch = one foot
one-eighth inch = one foot
one-half inch = one foot
three-eighths inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inches = one foot
two inches = one foot
three inches = one foot
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one hundred inches = one foot