

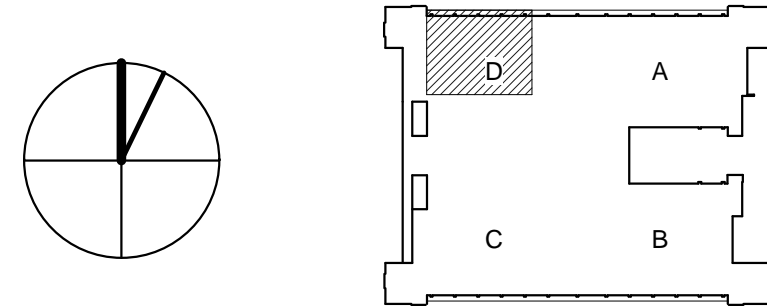
GENERAL NOTES

- A. THIS SHEET SHOWS WORK FOR DEDUCTIVE ALTERNATE.
- B. ALL PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE SUSPENDED CEILING UNLESS OTHERWISE NOTED.
- C. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED. DUCT SIZES ARE NET INSIDE DIMENSIONS.
- D. ACCESS PANELS ARE REQUIRED IN HARD SUSPENDED CEILINGS FOR ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL SPECIFICATIONS.
- E. TOTAL STATIC PRESSURE NOTED IN THE SCHEDULES INCLUDES DUCT SYSTEM, TERMINAL UNITS, FILTERS, COILS, ETC.
- F. FOR TYPICAL STEAM AND WATER PIPING CONNECTIONS TO EQUIPMENT, SEE STANDARD EQUIPMENT DETAILS.
- G. WATER PIPE CONNECTIONS TO AIR HEATING AND COOLING COILS SHALL BE MADE TO PROVIDE COUNTER FLOW BETWEEN WATER AND AIR.
- H. ALL PRESSURES LISTED ARE GAGE PRESSURE UNLESS OTHERWISE NOTED.
- I. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND GRILLES.
- J. HP STEAM HEADER SET PRESSURE: 60 PSIG NORMAL
60 PSIG LOW DEMAND PERIODS
- K. ALTITUDE: 5300 FT. ABOVE SEA LEVEL.
- L. SEISMIC PROVISIONS REQUIRED - SEE SPECIFICATIONS.
- M. THE TWO EXISTING AIR HANDLERS IN QUADRANT D MECHANICAL EQUIPMENT ROOM WILL BE REUSED AND REBALANCED.
- N. REBALANCE BOTH EXISTING AND NEW WORK COMPLETE. INCLUDE COMPLETE AC-5 AND AC-17 SYSTEMS. INCLUDE SUPPLY, RETURN, AND EXHAUST IN ALL ROOMS. BOTH NEW WORK AND EXISTING TO REMAIN. BALANCE EXISTING DEVICES (THAT ARE TO BE REUSED) TO MATCH THE AIR FLOWS MEASURED BEFORE WORK COMMENCED.
- O. MOST OF THE WORK SHOWN ON 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 AND GRILLES, AS DICTATED BY THE VA STANDARDS.
- P. 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.
- Q. COORDINATE SHUTDOWNS AND OUTAGES WITH VA COR 2 WEEKS PRIOR TO COMMENCEMENT OF WORK.
- R. SMALLEST RECTANGULAR DUCT SIZE IS 8 X 6
- S. SMALLEST ROUND DUCT SIZE IS 8 Ø UNLESS OTHERWISE SPECIFIED.
- T. SMALLEST FLEX DUCT SIZE IS 8 Ø UNLESS OTHERWISE SPECIFIED.
- U. 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.
- V. MAINTAIN EXISTING WALKWAY THAT EXTENDS AROUND THE PERIMETER OF THE INTERSTITIAL SPACE.
- W. 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. EXISTING SUPPLY AND RETURN DUCT RISERS UP TO EXISTING ROOFTOP HVAC UNIT.
- 2. EXISTING HVAC SYSTEM IS A SINGLE ZONE, CONSTANT VOLUME SYSTEM, LOW VELOCITY, SERVED FROM HEATING AND COOLING ROOFTOP PACKAGED UNIT. (LOCATED ON ROOF OF THE 3RD FLOOR AT THE 4TH FLOOR LEVEL)
- 3. EXISTING AHU-5 TO REMAIN.
- 4. EXISTING AHU-17 TO REMAIN.
- 5. EXISTING DD BOX SHALL CONTINUE TO SERVE THE EXISTING CONFERENCE ROOM THROUGH THE DURATION OF PHASE 1, CHANGES TO IT OCCUR IN PHASE 2.

KEY PLAN - 3RD FLOOR

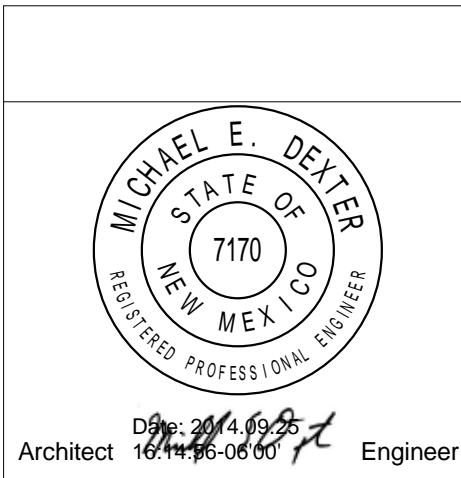


COMPLETION ITEM NO. _____
FULLY SPINKLERED

A1 MECHANICAL HVAC-QUAD D-PACU PHASES 1,2 FLOOR PLAN (DEDUCTIVE ALTERNATE)
1/8" = 1'-0"

#	Revisions	Date
1	ADDENDUM #001	07-15-2014

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Drawing Title

DEDUCTIVE ALTERNATE-MECHANICAL HVAC-QUAD D-PACU
PHASES 1,2 FLOOR PLAN

Approved: Project Director

Project Title

MICU-SICU CONSOLIDATION & PACU BUILDING 41

Location

NM/VAHCS RAYMOND G. MURPHEY VAMC

Date

SEPTEMBER 26, 2014

Checked

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Drawn

ACB

Project Number
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BUILDING 41

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Dwg. Of

Office of
Construction
and Facilities
Management

