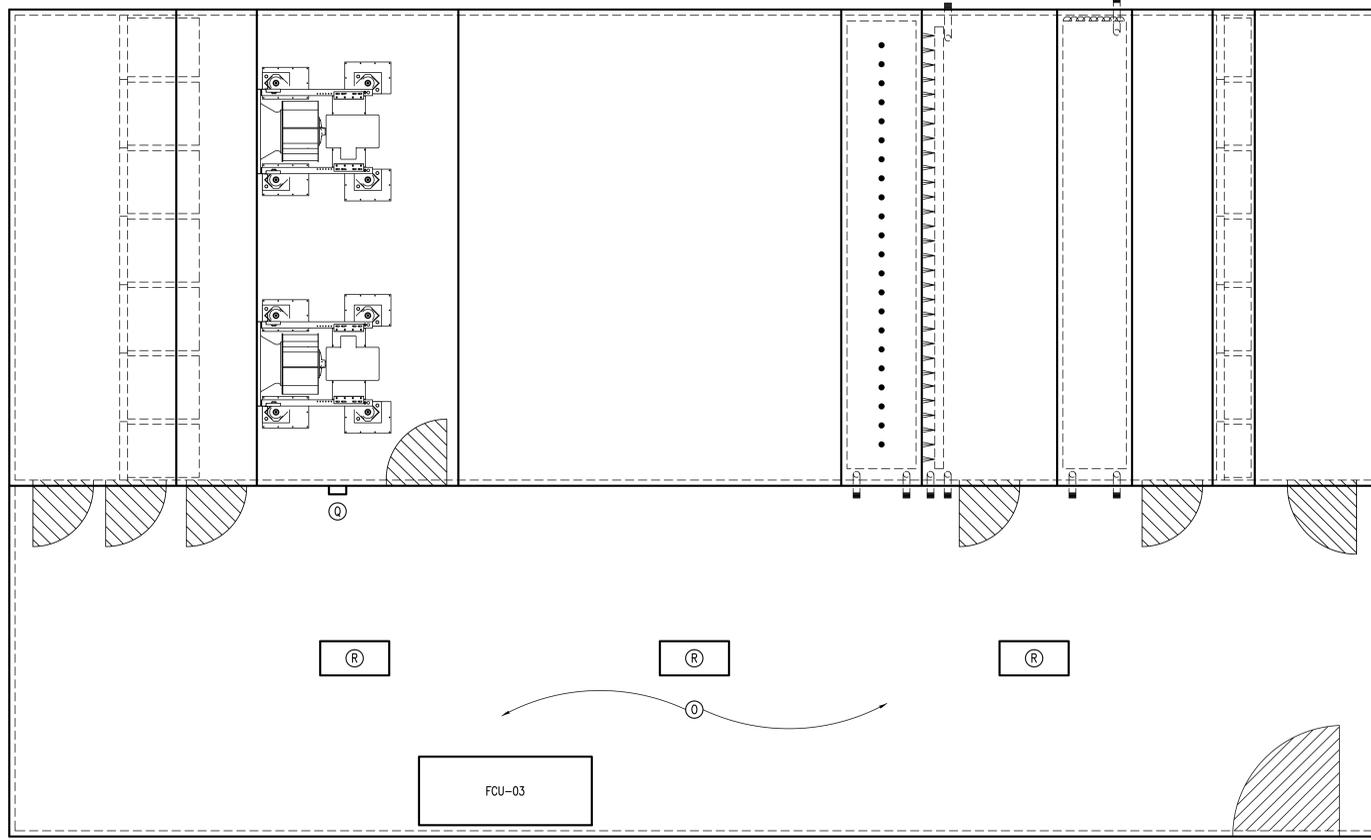
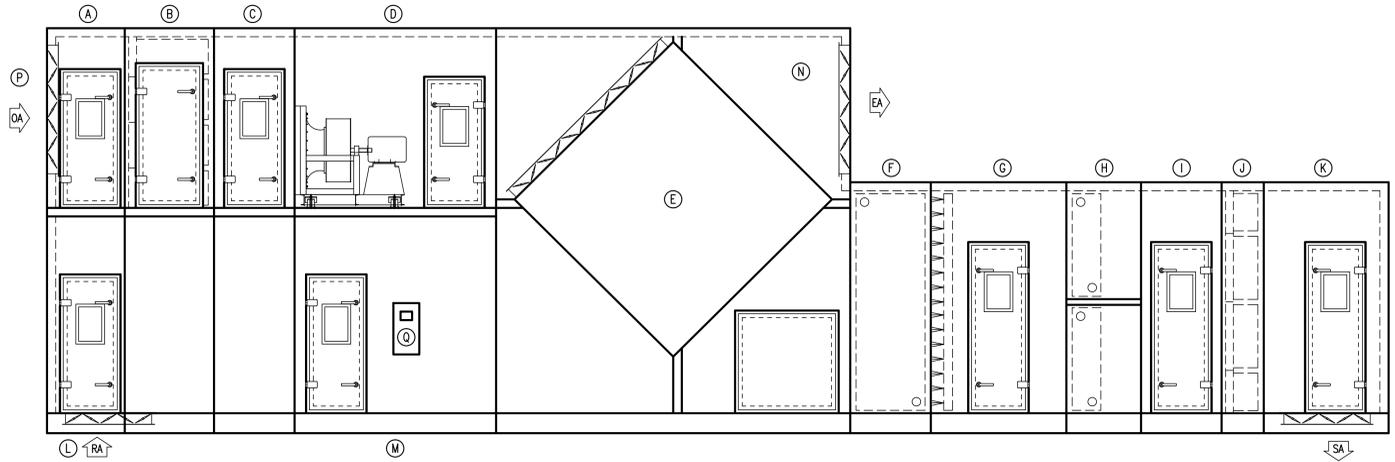


three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



1 AIR HANDLING UNIT
 PLAN VIEW - AH-1-4SRF-1
 SCALE: 1/2" = 1'-0"



2 AIR HANDLING UNIT
 ELEVATION VIEW - AH-1-4SRF-1
 SCALE: 1/2" = 1'-0"

GENERAL NOTES:
 A. FIELD DRILLING, BORING, AND CUTS OF ANY KIND ON AIR CABINET AND SERVICE CORRIDOR WALLS, FLOORS, AND ROOF ARE PROHIBITED. MECHANICAL CONTRACTOR SHALL COORDINATE ALL TRADES WITH MANUFACTURER AND PROVIDE ALL REQUIRED HOLES IN THE FACTORY. SEE SPECIFICATION SECTION 23 74 13.

- NOTES:**
 (AH-1-4SRF-1 ONLY)
- (A) FRESH AIR INLET PLENUM SECTION WITH LOUVER AND DAMPER.
 - (B) FILTERS - MERV 8 PRE-FILTERS AND MERV 11 INTERMEDIATE FILTERS
 - (C) ACCESS DOOR
 - (D) SUPPLY FAN SECTION - TWO BACKWARD INCLINED OR AIR FOIL DIRECT DRIVE PLENUM FANS
 - (E) TOTAL ENERGY PLATE TO PLATE HEAT EXCHANGER WITH BYPASS DAMPERS
 - (F) STEAM INTEGRAL FACE AND BYPASS PRE-HEAT COIL
 - (G) HUMIDIFIER SECTION (SEE HUMIDIFIER SCHEDULE)
 - (H) COOLING COIL SECTION
 - (I) ACCESS DOOR
 - (J) FILTERS - MERV 14 FINAL FILTERS
 - (K) SUPPLY AIR DISCHARGE PLENUM SECTION
 - (L) EXHAUST AIR INLET PLENUM SECTION
 - (M) FILTERS - MERV 8 PRE-FILTERS
 - (N) EXHAUST AIR DISCHARGE PLENUM SECTION
 - (O) SERVICE CORRIDOR - FULL HEIGHT OF UNIT WITH FACTORY LIGHTING AND FIELD INSTALLED FAN COIL UNIT.
 - (P) AMCA CERTIFIED INTAKE LOUVER COMPATIBLE TO RUSKIN MODEL ELF811DD 60" HIGH BY 132" WIDE WITH 26 SQUARE FEET TOTAL FREE AREA AND AMCA CERTIFIED 974 F.P.M. BEGINNING POINT OF WATER PENETRATION AT 0.01 OZ/SF.
 - (Q) VFD CONTROLS BOTH SUPPLY FANS AT EQUAL SPEED.
 - (R) LIGHTING AS SPECIFIED.

Revisions:	Date:

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Drawing Title:
 AIR HANDLING UNIT LAYOUT - MECHANICAL

Approved: Project Director

Project Title:
 EXPAND RADIOLOGY AND SPS
 OVERTON BROOKS VAMC

Location:
 SHREVEPORT, LA

Date:
 04-17-2015

Checked:
 PJC

Drawn:
 JSW

Project Number:
 667-083

Building Number:
 1

Drawing Number:
 M507

Dwg. 130 of 160

FINAL SUBMITTAL

OFFICE OF
 CONSTRUCTION
 AND FACILITIES
 MANAGEMENT