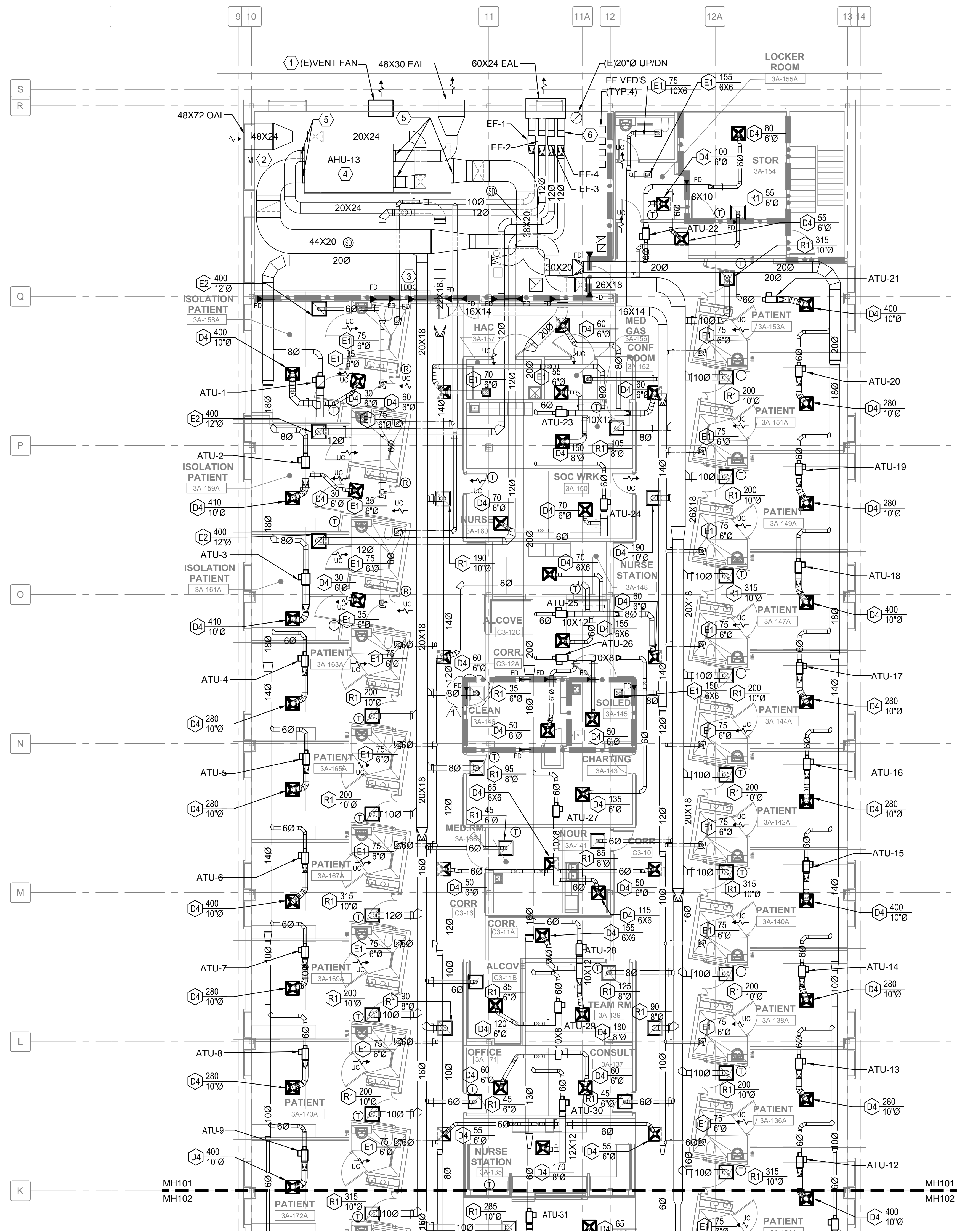


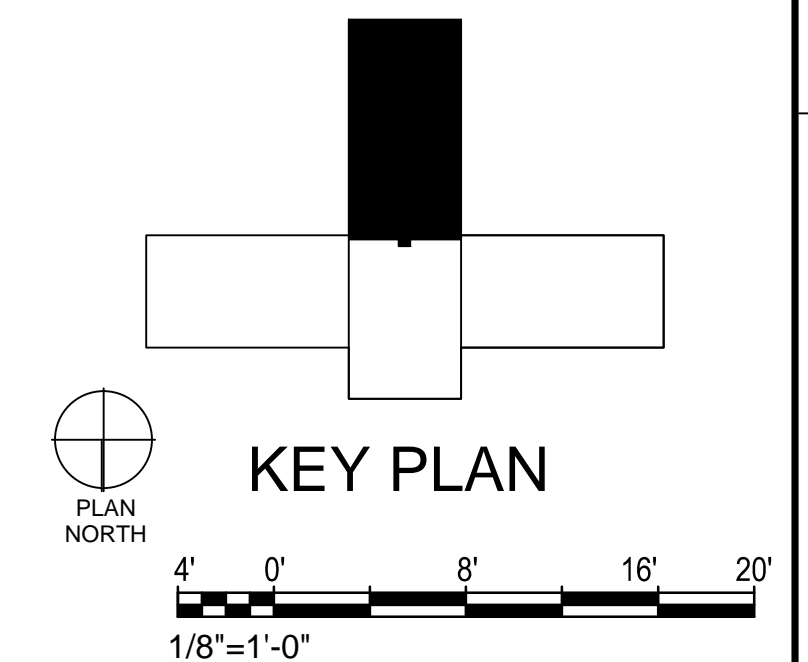
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot



1 SOUTH WING - NEW WORK  
1/8" = 1'-0"

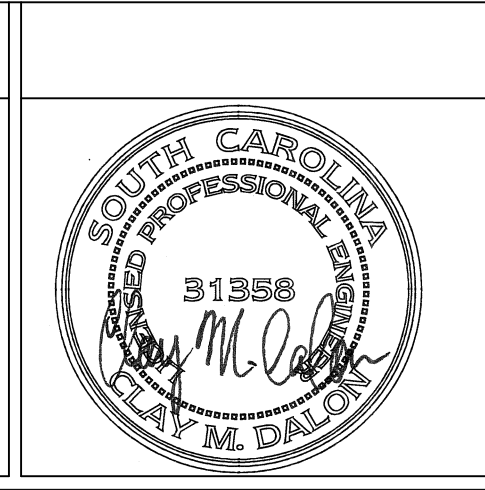
- ### GENERAL WORK NOTES
1. PROVIDE NEW AIR TERMINAL UNIT (ATU) AS SCHEDULED.
  2. PROVIDE NEW AIR OUTLET AS SCHEDULED.
  3. PROVIDE NEW DUCTWORK WITH HANGERS AND SUPPORTS WITH APPLIED CONNECTORS.
  4. PROVIDE NEW SPACE TEMPERATURE SENSOR (THERMOSTAT)
  5. SEE SHEET MP101 AND MP102 FOR MECHANICAL PIPING IN THIS AREA.
  6. INSPECT EXISTING FIRE AND SMOKE DAMPERS TO REMAIN AND VERIFY THAT THEY ARE IN PROPER WORKING ORDER. REPORT ANY DEFICIENCIES TO THE CONTRACTING OFFICER'S REPRESENTATIVE.

- ### SHEET KEY NOTES
1. RELOCATE EXISTING MECHANICAL ROOM VENTILATION EXHAUST FAN.
  2. EXTEND 48X72 INSULATED PLENUM BOX AT THE OUTSIDE AIR LOUVER. EXTEND AN OPEN 48X30 DUCT INTO MECHANICAL WITH A MOTOR OPERATED DAMPER WHICH IS LINKED TO THE OPERATION OF THE RELOCATED MECHANICAL EXHAUST VENTILATION FAN. THE MOTOR OPERATED DAMPER IS NORMALLY CLOSED AND SHALL OPEN WHEN THE FAN IS OPERATING TO PROVIDE A VENTILATION AIR PATHWAY IN THE MECHANICAL ROOM.
  3. DDC PANEL MOUNTED ON WALL. CONTROL PANEL SHALL PROVIDE A LOCAL CONTROL PORT TO CONNECT INTO BUILDING CONTROL NETWORK. FIELD COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS.
  4. MOUNT AIR HANDLING UNIT ON 3" HIGH CONCRETE HOUSEKEEPING PAD. ROUTE CONDENSATE DRAINS TO NEAREST FLOOR DRAIN. INSULATE CONDENSATE PIPING IN ACCORDANCE WITH SPECIFICATIONS. REFER TO AHU DETAIL ON SHEET MH502.
  5. TRANSITION DUCT DOWN TO FULL-SIZE OF AIR HANDLING OPENING. PROVIDE FLEXIBLE DUCT CONNECTION AT AIR HANDLER. (TYPICAL)
  6. PROVIDE EXHAUST FAN WITH FILTER BOX FOR MERV 7 PREFILTER AND MERV 17 HEPA FILTER DOWNSTREAM OF FAN. (TYPICAL)




1	ADDENDUM #1	6/4/2014
Revisions:		Date

CONSULTANTS:



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Drawing Title  
**MECHANICAL HVAC PLAN  
SOUTH WING**  
Approved: Project Director

Project Title <b>RENOVATE MEDICAL SURGICAL UNIT</b>			Project Number <b>544-13-102</b>		<b>OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT</b>
			Building Number <b>100</b>		
Location <b>W.J. BRYAN DORN VAMC; COLUMBIA, SC</b>			Drawing Number <b>MH101</b>		
Date <b>05-16-2014</b>	Checked <b>CD</b>	Drawn <b>CD</b>	Dwg. 47 of 78		 Department of Veterans Affairs