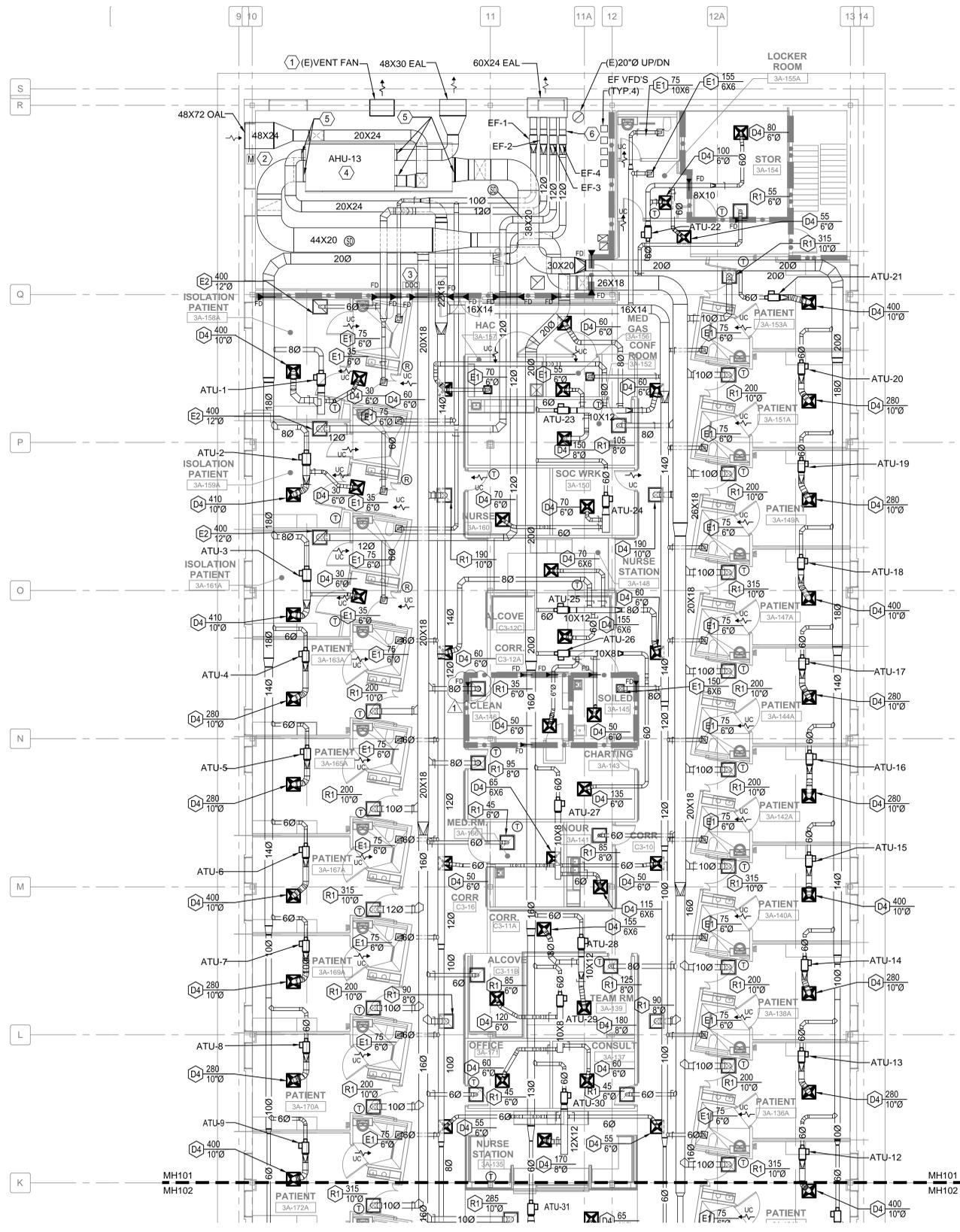
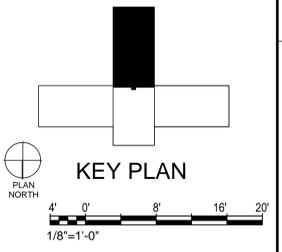


three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



- ### 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.

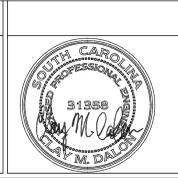
- ### SHEET KEY NOTES
1. RELOCATE EXISTING MECHANICAL ROOM VENTILATION EXHAUST FAN.
 2. EXTEND 48X72 INSULATED PLENUM BOX AT THE OUTSIDE AIR LOUVER. EXTEND AN OPEN 48X30 DUCT INTO MECHANICAL WITH A MOTOR OPERATED DAMPER WHICH IS LINKED TO THE OPERATION OF THE RELOCATED MECHANICAL EXHAUST VENTILATION 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 SOUTH WING - NEW WORK
 1/8" = 1'-0"

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

CONSULTANTS:



ARCHITECT/ENGINEERS:

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Drawing Title
MECHANICAL HVAC PLAN SOUTH WING

Approved: Project Director

Project Title RENOVATE MEDICAL SURGICAL UNIT			Project Number 544-13-102
Location W.J. BRYAN DORN VAMC; COLUMBIA, SC			Building Number 100
Date 05-16-2014	Checked CD	Drawn CD	Drawing Number MH101
			Dwg. 47 of 78

OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Department of Veterans Affairs