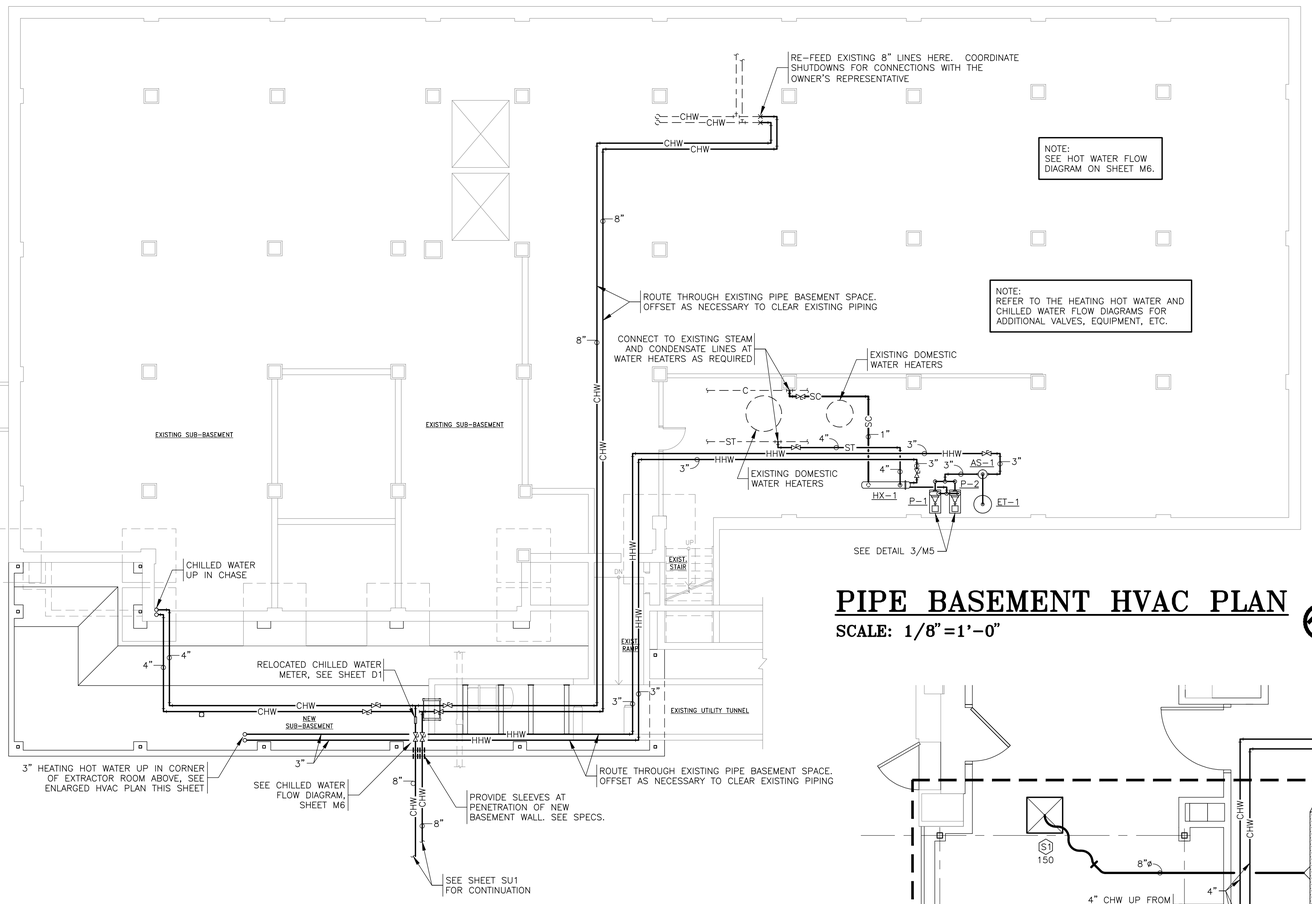
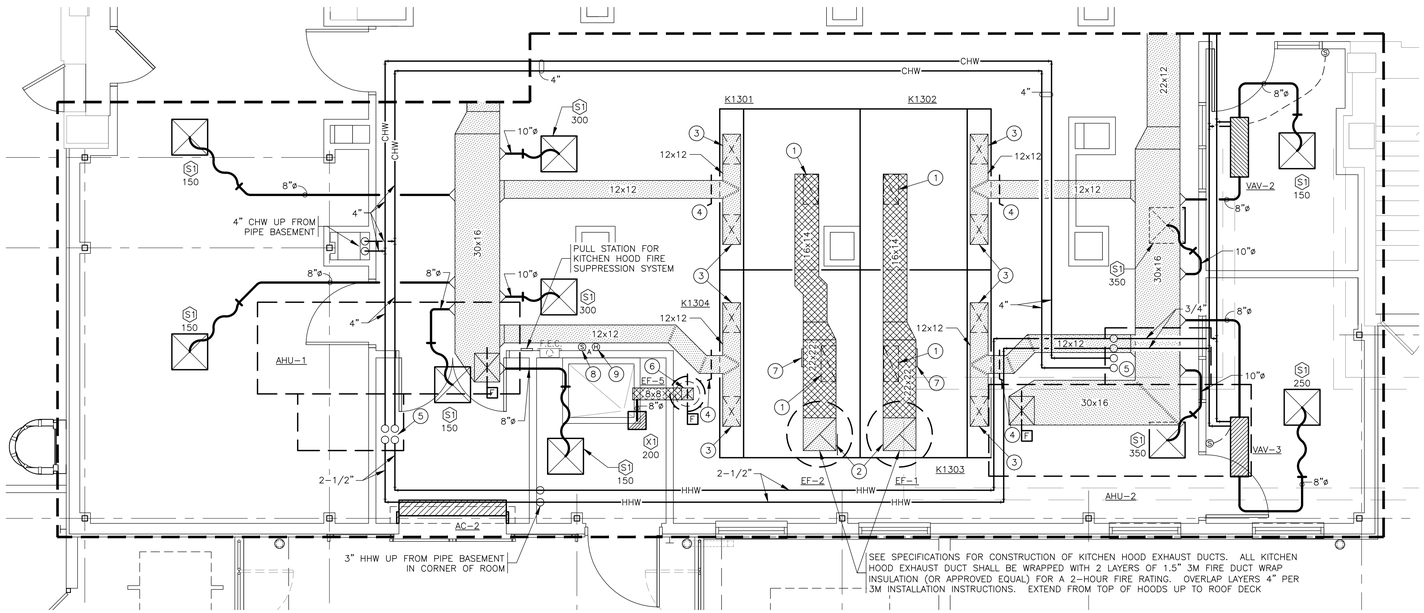


PIPE BASEMENT HVAC PLAN

SCALE: 1/8"=1'-0"

KEY NOTES

1. 10x20 EXHAUST RISER FROM THE HOOD TO THE MAIN EXHAUST DUCT.
2. 22x22 GREASE EXHAUST DUCT UP THRU THE ROOF TO THE ROOF MOUNTED EXHAUST FAN.
3. 20x12 SUPPLY/MAKE-UP AIR DUCT DOWN TO THE PLENUM CONNECTION ON THE KITCHEN EXHAUST HOOD.
4. BALANCE THE SUPPLY/MAKE-UP AIR TO 900 CFM.
5. HEATING HOT WATER AND CHILLED WATER PIPING UP THRU THE ROOF TO THE ROOF MOUNTED AIR HANDLING UNIT, WITHIN THE AIR HANDLING UNIT ENCLOSURE.
6. 8x8 EXHAUST DUCT UP THRU THE ROOF TO THE ROOF MOUNTED EXHAUST FAN, PROVIDE A FLEXIBLE CONNECTION.
7. 12x12 GREASE DUCT CLEANOUT.
8. TEMPERATURE SENSOR "A", SEE CONTROL DIAGRAM ON SHEET M6.
9. HUMIDITY SENSOR, SEE CONTROL DIAGRAM ON SHEET M6.



ENLARGED HVAC PLAN

SCALE: 1/4"=1'-0"

CONTRACT DOCUMENTS

© COPYRIGHT 2015 - DESIGNS, DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE DESIGN PROFESSIONAL. REPRODUCTION PROHIBITED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE DESIGN PROFESSIONAL.

Revisions:	Date

CONSULTANTS:

SGE SmithGoth Engineers, Inc.
EXPERIENCE. FORWARD-THINKING.
3855 S. Jefferson Ave.
Springfield, MO 65807
P: 417-882-2200
F: 417-882-1188
www.smithgoth.com
Illinois Certificate of Authority No. 184.006101

STATE OF ILLINOIS — NORMAN E. GOTH — NUMBER 062-051123 — REGISTERED PROFESSIONAL ENGINEER — 12/21/15

ARCHITECT/ENGINEERS:

MAK ARCHITECTS, INC.
ARCHITECTURE ▪ PLANNING ▪ INTERIOR DESIGN
8328-R Olive Boulevard., St. Louis, Missouri 63132
mak@makarchitects.com www.makarchitects.com
314-997-3802 314-993-3761 (Fax)

Drawing Title	**BLDG. #2 - ENLARGED HVAC AND PIPE BASEMENT HVAC PLANS**
Approved Project Director	
Project Title	CONSTRUCT NEW DIETETICS DEPARTMENT OF VETERAN AFFAIRS MEDICAL CENTER
Location	2401 WEST MAIN STREET, MARION, IL 62959
Date	1-29-2016
Checked	D.L.S.
Drawn	J.J.W.
Project Number	657A5-10-101
Building Number	Building #2
Drawing Number	M3 Dwg. 11 of 21

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231