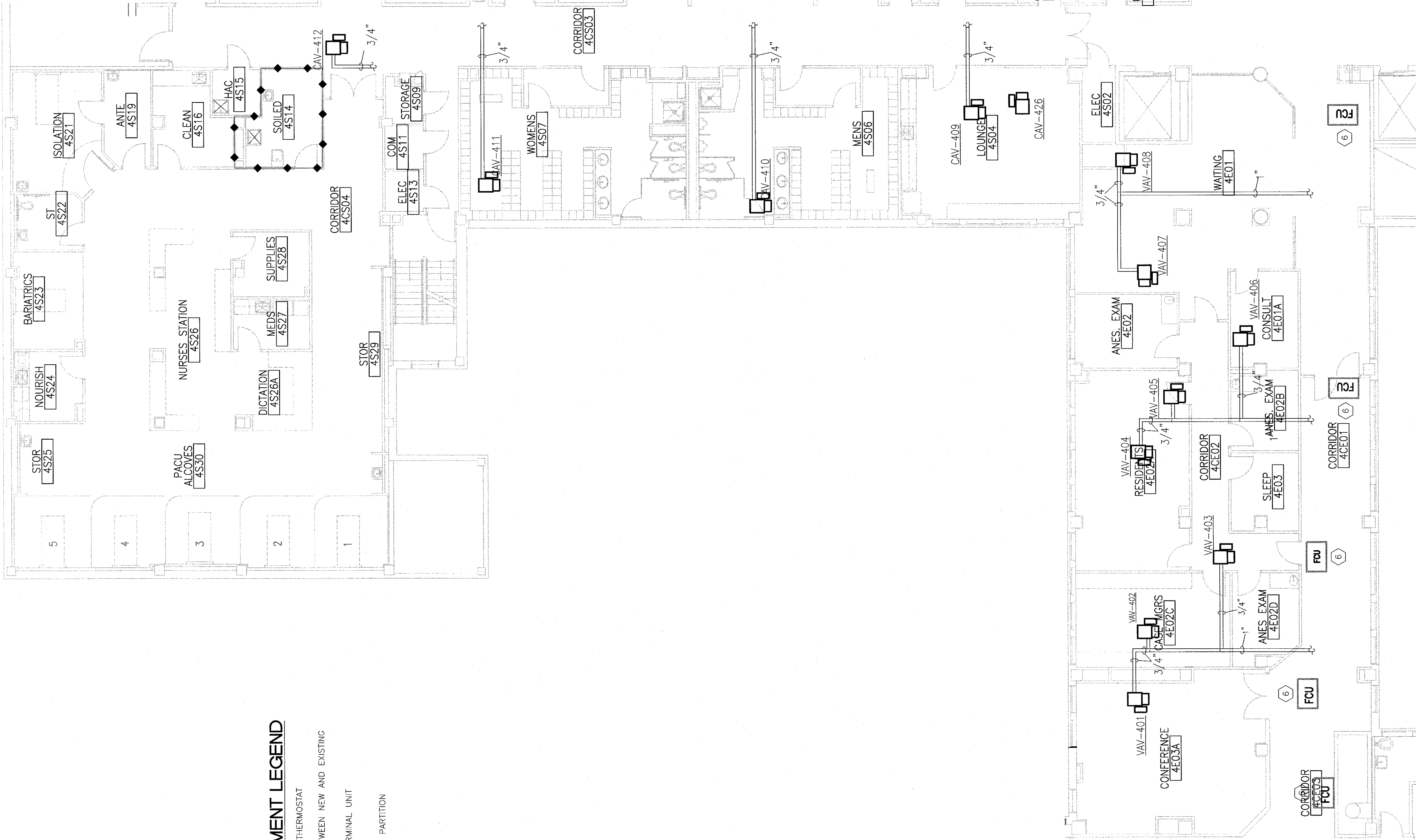


SYMBOLS/EQUIPMENT LEGEND

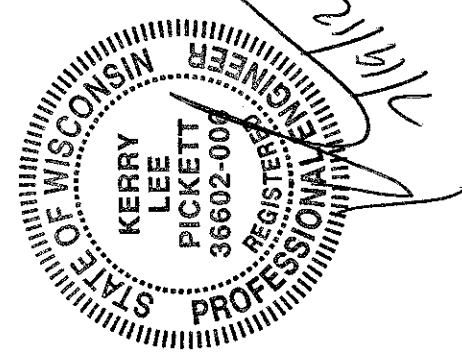
- WALL-MOUNTED THERMOSTAT
- CONNECTION BETWEEN NEW AND EXISTING
- CAV/AV AIR TERMINAL UNIT
- 1-HOUR SMOKE PARTITION



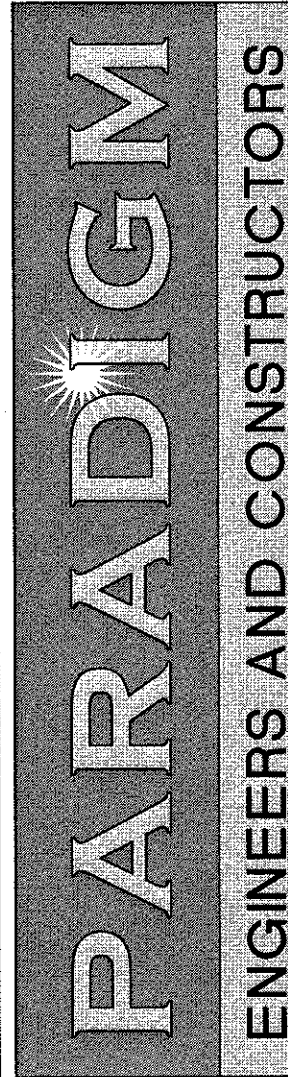
FOURTH FLOOR PLAN - NEW MECHANICAL WORK
1/8" = 1'-0"

1-H8

CONSULTANTS:



ARCHITECT/ENGINEERS:



Drawing Title:
FOURTH / FIFTH FLOOR NEW HYDRONIC PIPING

Approved Project Director



Project Title:
SURGICAL SUPPORT AND LOCKERS

Project Number:
636A8-11-011

Building Number:
1

Drawing Number:
1-H8

Location:
IOWA CITY VAMC
801 HIGHWAY 6 WEST, IOWA CITY, IOWA 52246-2208

Date:
07-19-12

Drawn:
JEM

Checked:
KLP

Drawn:
JEM

Office of Construction and Facilities Management



GENERAL NOTE:

ALL EXISTING PIPING, DUCTWORK, SPRINKLERS, AND EQUIPMENT SHALL REMAIN UNLESS OTHERWISE NOTED. DEMOLITION AND INSTALLATION WORK SHALL BE RELOCATED AS NECESSARY FOR ALL DEMOLITION AND INSTALLATION WORK.

KEY NOTES

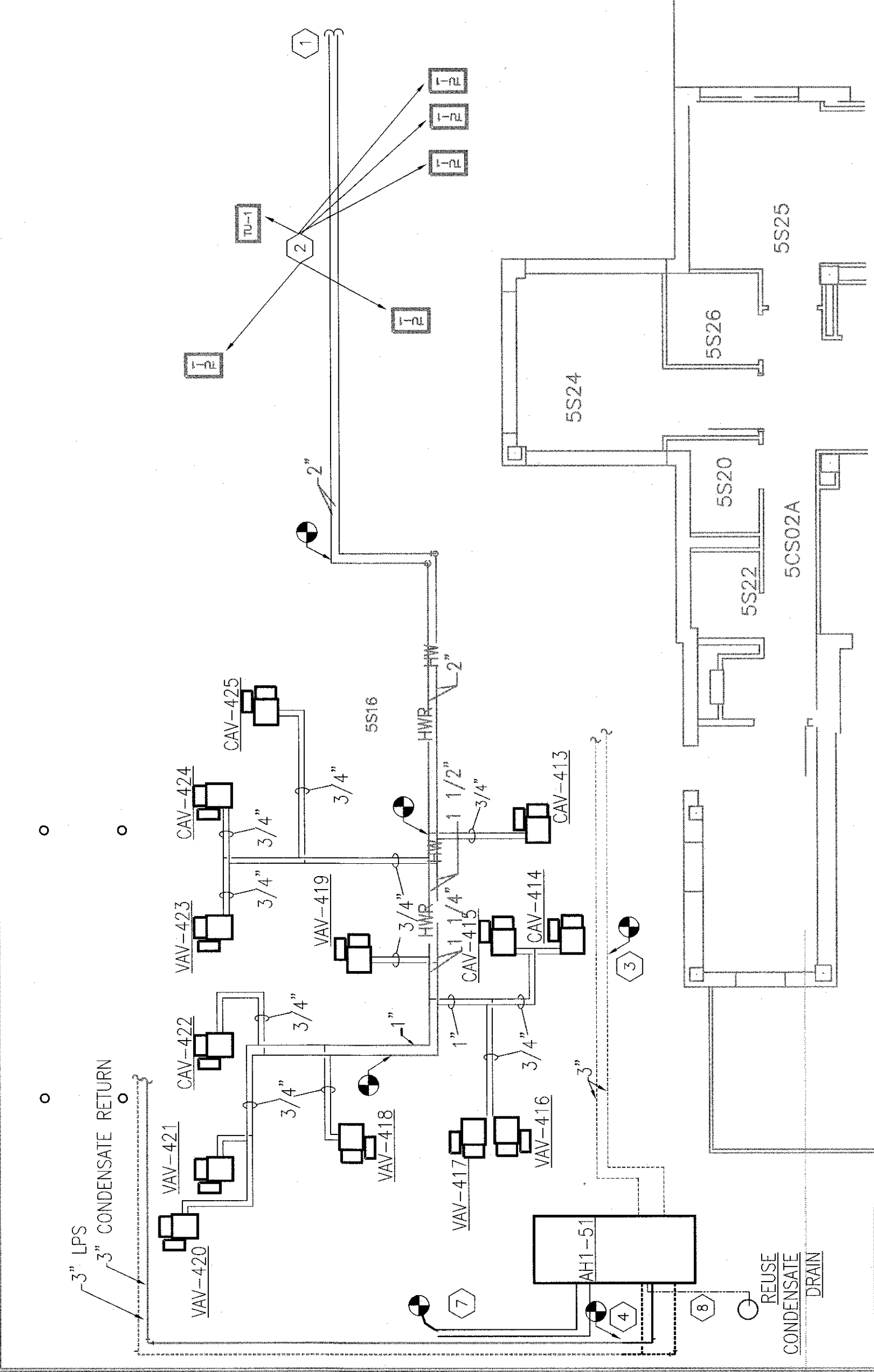
- NEW HW HEATING PIPING FOR NEW EQUIPMENT SHALL RUN TO WALL AND DROP ALONG SIDE OF 2" HW PIPING FROM BELOW AND TIE INTO EXISTING 3" HW PIPING FOR OPERATING ROOM AREA IN CORRIDOR ON 4TH FLOOR. COORDINATE WITH COR EXACT LOCATION.
- PIPING TO EXISTING TERMINAL UNITS SHALL REMAIN UNDISTURBED.
- CONNECT NEW 3" PIPING TO EXISTING CHILLED WATER SERVICE/RETURN LINES.
- CONNECT NEW 3" PIPING TO EXISTING STEAM SERVICE/RETURN LINES.
- NOT USED.
- EXISTING FAN COIL UNIT TO REMAIN. PIPING TO THESE UNITS SHALL NOT BE PERMANENTLY INTERRUPTED.
- EXTEND 4" CW AND CWS PIPING TO NEW AHH-51 AS INDICATED. REFER TO PIPING DETAIL 10 SHEET H-10.
- PIPE NEW DRAINS AND VENT PIPING TO EXISTING CONDENSATE DRAIN LOCATION AS REQUIRED.

GENERAL NOTES

- COORDINATE ALL WORK WITH EXISTING CONDITIONS, ALL OTHER TRADES, AND IN ACCORDANCE WITH ALL STATE, LOCAL AND NATIONAL CODES, AS WELL AS WITH ALL FEDERAL HEALTHCARE REGULATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, PERMITS AND LICENSES FOR THE COMPLETE INSTALLATION OF THEIR WORK.
- CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO SUBMITTING BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
- BEFORE ANY WORK IS STARTED, THE CONTRACTOR SHALL MAKE A THOROUGH SURVEY WITH THE COR IN WHICH ALTERATIONS OCCUR AND AREAS WHICH ARE ANTICIPATED ROUTES OF ACCESS, AND FURNISH A REPORT. REPORT SHALL BE SIGNED BY BOTH COR AND CONTRACTOR, AND SHALL BE PROVIDED TO THE CONTRACTING OFFICER.
- ALL NEW HVAC EQUIPMENT AND DDC CONTROLS SHALL BE TIED BACK INTO EXISTING CONTROL SYSTEM AT NEAREST ETHERNET HUB.
- ALL EXISTING SPRINKLER HEADS, PIPES, ALARMS, ETC. ARE TO REMAIN INTACT FOR USE AFTER RENOVATION. SPRINKLER SYSTEM SHALL REMAIN IN OPERATION THROUGHOUT PERIOD OF WORK. CONTRACTOR SHALL ENSURE THAT NO DAMAGE IS DONE TO EXISTING SPRINKLER SYSTEM - I.E. PROTECTIVE CASES SHALL BE INSTALLED OVER SPRINKLER HEADS DURING RENOVATION, ETC.
- CARE SHOULD BE TAKEN BY ALL CONTRACTORS TO AVOID DAMAGING OR DISTURBING EXISTING CONSTRUCTION WHICH IS TO REMAIN. CONTRACTORS SHALL BE RESPONSIBLE FOR MAKING ANY REPAIRS NECESSARY TO RECTIFY DAMAGED AND RESTORE EXISTING CONSTRUCTION TO UNDAMAGED STATE UPON COMPLETION OF WORK AT NO EXPENSE TO OWNER.
- ALL PIPING EXPOSED TO THE OUTDOORS SHALL BE WRAPPED IN HEAT TPE.
- ALL NEW DEVICES, EQUIPMENT, CONTROLS, ETC. (INCLUDING BUT NOT LIMITED TO: VAV'S, COILS, GRILLES, REGISTERS, AND DIFFUSERS, HOT WATER PIPING, ETC.) SHALL BE TESTED AND BALANCED AS PART OF THIS WORK. EXISTING EQUIPMENT TO REMAIN SHALL BE TESTED AND BALANCED AS NOTED ON DRAWINGS.
- ALL EQUIPMENT, PIPING, THERMOMETERS, GAGES, VALVES, ETC. THAT ARE LOCATED OUTSIDE QUALITY, THE WINTER ENVIRONMENT IN IOWA CITY IS COLD, C/T, AND THE PRESENCE OF SALT DURING PERIODS OF SNOW REMENDERS IT CORROSIVE - CONTRACTOR SHALL SEEK APPROVAL FROM VA ENGINEERING STAFF AND PARADIGM ENGINEERS AND CONSTRUCTORS BEFORE PURCHASING ANY EQUIPMENT.
- PIPING RUNS SHOWN ARE REPRESENTATIVE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CONDITIONS IN THE FIELD (EXISTING, OR PREDICTED BY LOCATION OF NEW EQUIPMENT) THAT MAKE NECESSARY ALTERNATE ROUTING OF PIPING.
- ALL VAV/CAV TERMINALS WITH HOT-WATER REHEAT SHALL HAVE 2-ROW HEATING COILS. SEE NEW EQUIPMENT SCHEDULES FOR MORE INFORMATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING (PATCHING, SEALING, FIRE-STOPPING, ETC.) ALL ABANDONED WALL PENETRATIONS AND ANY NEW PENETRATIONS CREATED FOR DUCT, PIPE, CONDUIT, ETC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY ARCHITECTURAL WORK (INCLUDING, BUT NOT LIMITED TO: FLOORING, CEILING TILE AND GRID, SMOKE PARTITIONS ABOVE CEILING, Gypsum WALL BOARD AND PAINTING, PLASTER, ETC.) THAT IS DAMAGED, DISTURBED, OR REMOVED INCIDENTAL TO THIS WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL ASBESTOS ABATEMENT ASSOCIATED WITH NEW AND DEMOLITION WORK.
- ALL NEW AIR TERMINAL UNITS SHALL BE PROVIDED WITH AUTOMATIC CIRCUIT SETTERS AND SHUT-OFF VALVES. SEE DETAILS AND SPECIFICATIONS FOR MORE INFORMATION.

FIFTH FLOOR PLAN - NEW MECHANICAL WORK
1/8" = 1'-0"

2-H8



KEY PLAN
NOT TO SCALE
FULLY SPRINKLERED BUILDING
BID DOCUMENTS

