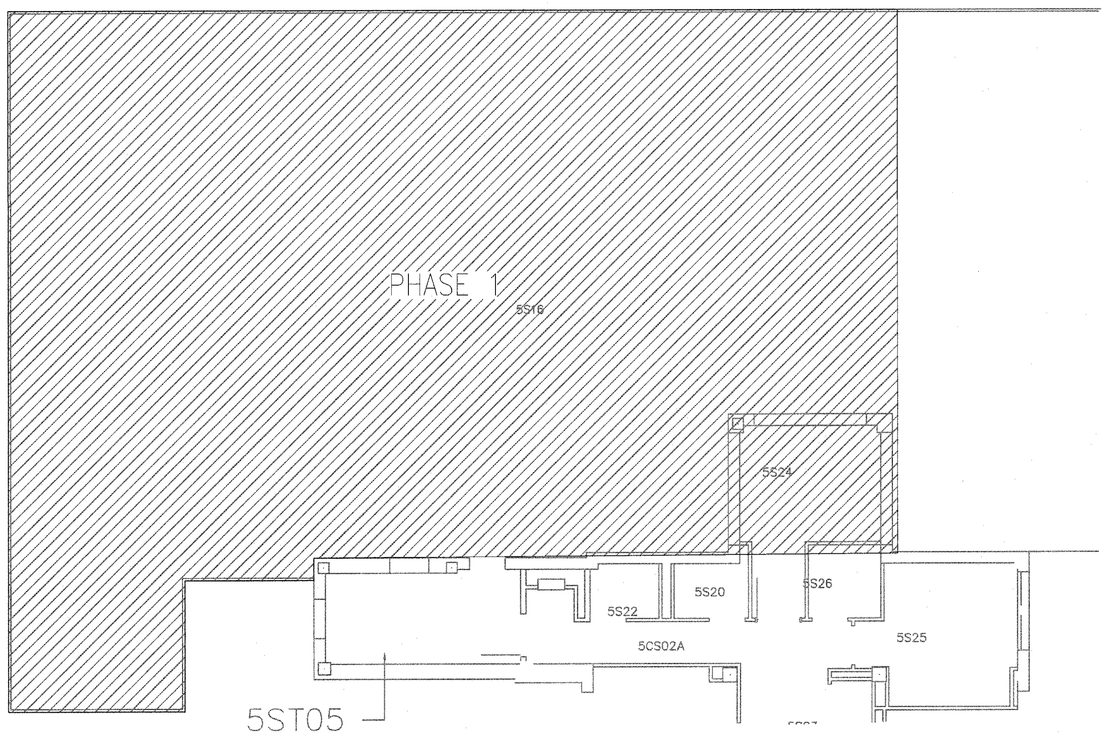
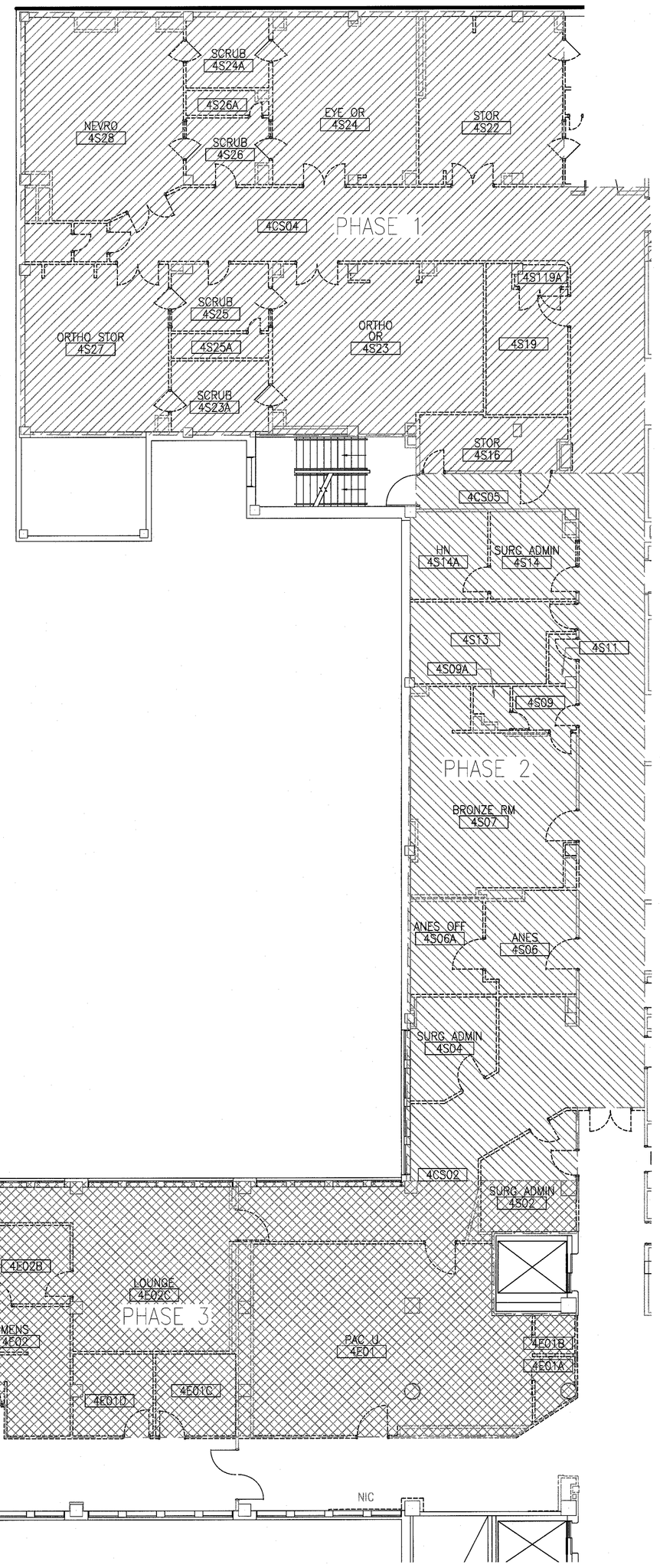


FIFTH FLOOR PLAN - NEW MECHANICAL WORK
1/4" = 1'-0"
1
1-HP2



FOURTH FLOOR PLAN - MECHANICAL AND PLUMBING PHASING
1/8" = 1'-0"
1
1-HP2

PHASING LEGEND

PHASE 1

- THE EXISTING AIR HANDLING UNIT, AIR TERMINAL UNITS AND DUCTWORK SERVING THE EXISTING OR (NEW PACU) WILL BE REMOVED COMPLETE – THE AIR TERMINAL UNITS SERVING THE SPACES OUT OF THIS SCOPE (EAST OF THE CORRIDOR) SHALL NOT BE PERMANENTLY DISCONNECTED FROM SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A TEMPORARY AIR HANDLING UNIT (AND ALL REQUIRED DUCTWORK AND CONNECTIONS) FOR THE SPACES NOT BEING RENOVATED DURING PHASE 1, BUT THAT ARE SERVED BY THE AIR HANDLER THAT IS BEING DEMOLISHED.
- THE DUCTWORK SERVING UNITS IN PHASE 2 AND 3 WILL BE DEMOLISHED AS LATE AS IS POSSIBLE. THE UNITS SERVING THESE SPACES WILL BE CONNECTED TO THE NEW AIR HANDLING EQUIPMENT AND DUCTWORK AFTER ALL OTHER WORK IS COMPLETED AND PHASE 2 IS READY TO COMMENCE.
- THE EXISTING MEDICAL GAS OUTLETS WILL BE REMOVED COMPLETE AND PIPING REMOVED BACK TO MAINS. THE EXISTING MEDICAL GAS PIPING MAINS WILL REMAIN UNDISTURBED, UNLESS RELOCATION OF VERTICAL STACKS IS REQUIRED BY NEW ARCHITECTURAL WORK.
- THE EXISTING SCRUB SINKS IN THE OR WILL BE REMOVED COMPLETE AND PIPING REMOVED BELOW FLOOR.
- THE EXISTING ROOF DRAINS IN THE 5TH FLOOR PENTHOUSE WILL BE RELOCATED TO ACCOMMODATE FOR NEW ARCHITECTURAL WORK.
- A NEW AIR HANDLING UNIT, DUCTWORK, CONTROLS, VAV/CAV AIR TERMINAL UNITS, ETC. SHALL BE PROVIDED IN THE 5TH FLOOR PENTHOUSE. NEW DUCTWORK INTENDED TO SERVE SPACES IN PHASES 2 AND 3 WILL BE EXTENDED TO THE LIMITS OF SCOPE AREA IN PREPARATION FOR NEW HVAC WORK IN PHASE 2 AND 3.
- NEW PLUMBING FIXTURES WILL BE PROVIDED AS INDICATED ON PLANS.

PHASE 2

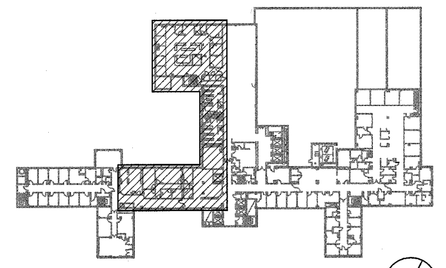
- THE EXISTING PLUMBING FIXTURES IN 4S07, ALONG WITH ALL ASSOCIATED PIPING WILL BE REMOVED COMPLETE. THE EXISTING PIPING WILL BE PREPARED TO RECONNECTION TO NEW FIXTURES. EXISTING WASTE/VENT/DOMESTIC WATER PIPING THAT RUNS BETWEEN FLOORS WILL BE RELOCATED AS REQUIRED TO THE NEW PLUMBING CHASES.
- THE EXISTING DUCTWORK, TERMINAL UNITS, CONTROLS, ETC. SERVING THE WEST CORRIDOR SPACES WILL BE REMOVED COMPLETE. THE EXISTING DUCTWORK SERVING SPACES IN PHASE 3 WILL REMAIN FOR RE-USE IN THAT PHASE.
- NEW CAV UNITS, SUPPLY, AND EXHAUST DUCTWORK WILL BE PROVIDED FOR THE NEW RESTROOMS AND LOUNGE.
- NEW TOILET, SHOWER, AND LAVATORY FIXTURES WILL BE PROVIDED FOR THE NEW RESTROOMS. AS INDICATED ABOVE, THE EXISTING PIPING FROM ROOMS 4S09/4S09A WILL BE RELOCATED INTO THE NEW PLUMBING CHASES.
- THE EXISTING TERMINAL UNIT SERVING 4S03 WILL BE RELOCATED AND PROVIDED WITH NEW DUCTWORK AND PIPING CONNECTIONS.

PHASE 3

- THE EXISTING PLUMBING FIXTURES IN 4E03A/B AND 4E02A, ALONG WITH ALL ASSOCIATED PIPING WILL BE REMOVED COMPLETE. THE EXISTING PIPING WILL BE PREPARED TO RECONNECTION TO NEW FIXTURES. EXISTING WASTE/VENT/DOMESTIC WATER PIPING THAT RUNS BETWEEN FLOORS WILL BE RELOCATED AS REQUIRED TO THE NEW PLUMBING CHASES.
- THE EXISTING MEDICAL GAS OUTLETS IN 4E01 WILL BE REMOVED COMPLETE AND PIPING REMOVED BACK TO MAINS.
- THE EXISTING DUCTWORK, TERMINAL UNITS, CONTROLS, ETC. SERVING THE SPACES IN PHASE 3 WILL BE REMOVED COMPLETE. THE EXISTING DUCTWORK SERVING SPACES IN PHASE 3 WILL BE PREPARED FOR CONNECTION TO NEW DUCTWORK.
- NEW CAV UNITS, SUPPLY, AND EXHAUST DUCTWORK WILL BE PROVIDED FOR THE CONFERENCE ROOM, EXAM ROOMS, WAITING ROOM, AND SUPPORT SPACES.
- NEW LAVATORY FIXTURES WILL BE PROVIDED FOR THE EXAM ROOMS.

GENERAL NOTES

1. 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.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, PERMITS AND LICENSES FOR THE COMPLETE INSTALLATION OF THEIR WORK.
3. CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO SUBMITTING BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
4. BEFORE ANY WORK IS STARTED, THE CONTRACTOR SHALL MAKE A THOROUGH SURVEY WITH THE COTR IN WHICH ALTERATIONS OCCUR AND AREAS WHICH ARE ANTICIPATED ROUTES OF ACCESS, AND FURNISH A REPORT. REPORT SHALL BE SIGNED BY BOTH COTR AND CONTRACTOR, AND SHALL BE PROVIDED TO THE CONTRACTING OFFICER.
5. 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.
6. 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.
7. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE POWER CONNECTIONS FOR ALL EQUIPMENT INCLUDING, BUT NOT LIMITED TO: CONDENSING UNITS, FANS, VAV TERMINALS, ETC.
8. 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.



KEY PLAN
NOT TO SCALE

FULLY SPRINKLERED BUILDING
BID DOCUMENTS

Revisions	Date

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20 July 2012 — STATE OF KENTUCKY — BLAINE CAMIEL VAN GANSBEKE 24,788 LICENSED PROFESSIONAL ENGINEER

Drawing Title: FOURTH FLOOR MECHANICAL AND PLUMBING PHASING

Approved: Project Director

Project Title: SURGICAL SUPPORT AND LOCKERS

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

Date: 07-13-12 | Checked: KLP | Drawn: JEM

Project Number: 636A8-11-011

Building Number: 1

Drawing Number: 1-HP2

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