CLASS II NON-FRIABLE ASBESTOS ABATEMENT

The following locations on the 4th Floor may be impacted by the renovation of 4S for Surgery Support/Lockers project. The following is a listing of the Room # and the potential quantities of asbestos-containing floor tile and associated mastic estimated for that area (VA Asbestos Survey Documentation, 2007). Removal and disposal of asbestos-containing material (ACM) shall be as indicated on the drawing and according to project specifications.

Area 4CS01 – South Corridor – Floor Tile and Mastic: 210 Square Feet
Area 4CS02 – South Corridor – Floor Tile and Mastic: 430 Square Feet
Room 4E01 – Floor Tile and Mastic: 120 Square Feet
Room 4E01A – Floor Tile and Mastic: 88 Square Feet
Room 4E01B – Floor Tile and Mastic: 29 Square Feet
Room 4E01C – Floor Tile and Mastic: 82 Square Feet
Room 4E01D – Floor Tile and Mastic: 82 Square Feet
Room 4E02 – Floor Tile and Mastic: 251 Square Feet
Room 4E02C – Floor Tile and Mastic: 422 Square Feet
Room 4E02D – Floor Tile and Mastic: 103 Square Feet
Room 4E03 – Floor Tile and Mastic: 251 Square Feet
Room 4E03A – Floor Tile and Mastic: 85 Square Feet
Room 4E04 – Floor Tile and Mastic: 60 Square Feet
ACM Assumed: Room's 4S02, 4S04, 4S06, 4S07, 4S09, 4S11, 4S13, 4S14, 4S14A, 4S16, 4S19, 4S19A, 4S20, 4S20A, 4S21, 4S21A, 4S22, 4S24, 4CS03 (Corridor), 4CS04 (Corridor) – Total of Assumed Floor Tile and Mastic; 3,000 Square Feet.

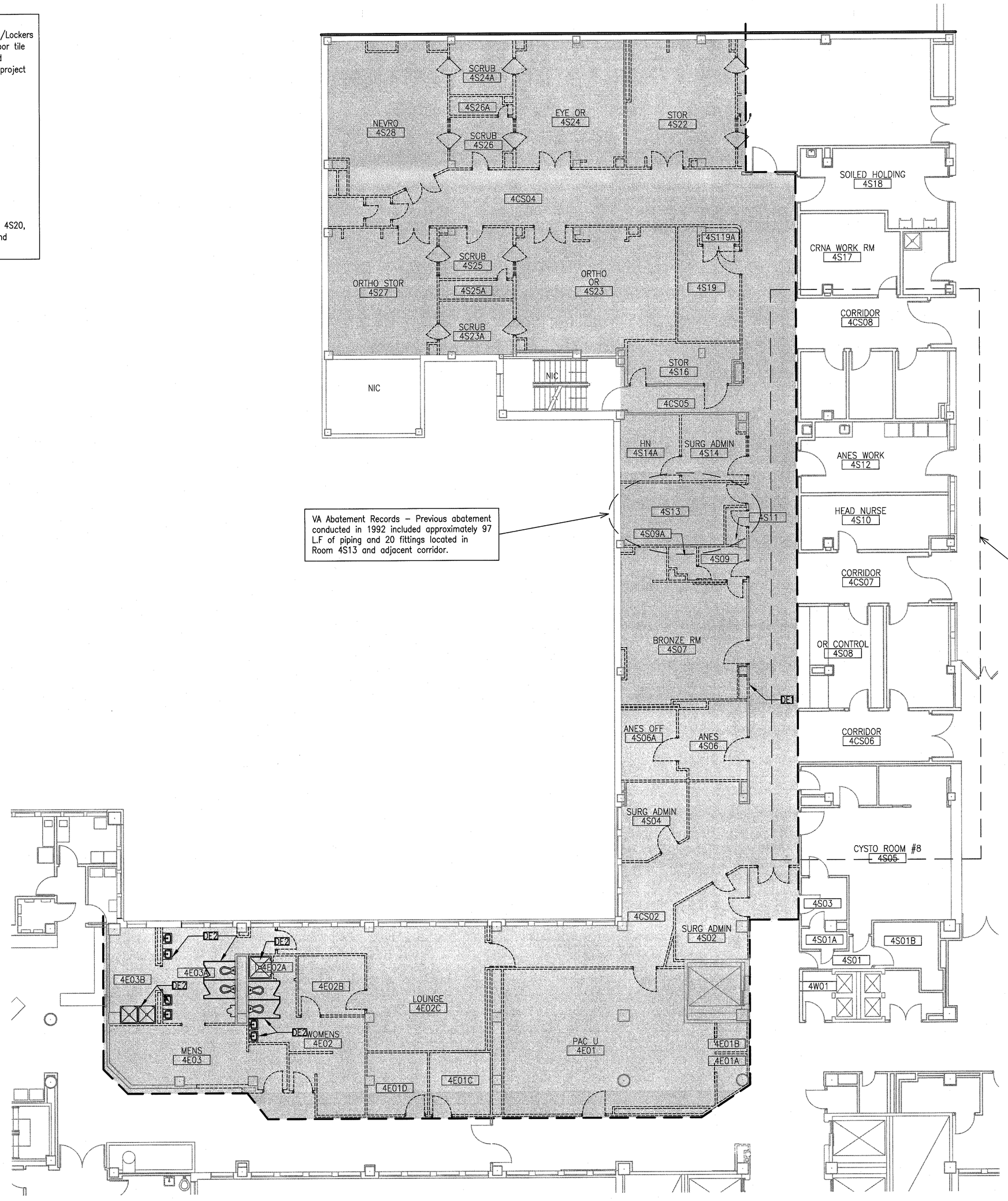
CLASS II NON-FRIABLE (FLOOR TILE AND MASTIC) ASBESTOS ABATEMENT NOTES:

Drawing and list above indicate areas of asbestos-containing floor tile and mastic to be abated. If Carpet is identified overlaying the tile, the carpet should be removed and disposed of by the abatement contractor according to project specifications. contractor shall provide a unit price in addition to base bid and shall field verify site conditions and estimated quantities. Construction will be phased on this project and as such the Contractor shall coordinate asbestos abatement with the VA and Construction Management Team.

ASBESTOS ABATEMENT LEGEND

— — — — Areas where previous abatement has been documented.

Color coded areas indicate room and corridor locations where there is a potential for asbestos abatement based upon planned renovation/demolition activities and according to Iowa City VAMC asbestos records.



VA Abatement Records – Previous abatement conducted in 1992 included approximately 97 L.F of piping and 20 fittings located in Room 4S13 and adjacent corridor.

VA Abatement Records – Previous abatement conducted in 1988 based on drawing identified as "Asbestos Removal", "4th Floor Remodeling Ambulatory Surgery". No quantities were provided but removal included asbestos-containing floor tile and pipe insulation within this area

GENERAL NOTES

A. REMOVE ALL EXISTING LOCKERS IN MEN AND WOMEN'S LOCKER ROOMS
B. REMOVE EXISTING FLOORING AND BASE AND CEILING COMPLETE. PREPARE EXISTING FLOOR TO RECEIVE NEW FINISHES
C. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR SPECIFIC DEMOLITION REQUIREMENTS AND COORDINATE WITH ARCHITECTURAL
D. SEE PHASING PLANS FOR PHASING OF WORK
E. MAINTAIN EXISTING REQUIREMENTS AT ALL TIMES DURING CONSTRUCTION
F. REFER TO VA FOR SALVAGING OF EXISTING MATERIALS AND FIXTURES

LEGEND

— — SCOPE OF DEMO WORK LIMITS
DEMO DOOR AND FRAME
========== DEMO EXISTING CONSTRUCTION

KEYNOTE LEGEND	
KEY	DESCRIPTION
DE1	EXISTING WALL TO BE PARTALLY REMOVED TO ACCOMMODATE NEW DOOR OPENING
DE2	REMOVE ALL EXISTING PLUMBING FIXTURES

CLASS I ASBESTOS GLOVEBAG ABATEMENT

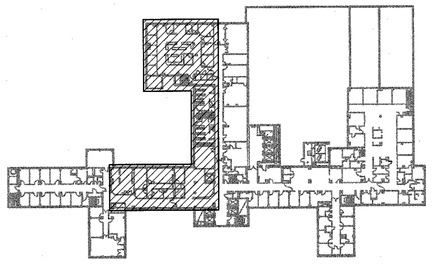
The following locations on the 4th floor may be impacted by the renovation of 4S for Surgery Support/Lockers project. The following is the listing of the Room # and the potential quantities of asbestos-containing pipe insulation estimated for that area (VA Asbestos Survey Documentation, 2007).

Area 4CS02 – 4 South Corridor – 2" to 6" Pipe Insulation (aircell): 16 L.F. & 6 Fittings
Room 4E02A – Pipe Chase, Suspect Thermal System Insulation (TSI)
Room 4E02C – 2" to 6" Pipe Insulation (aircell): 133 L.F. & 45 Fittings
Room 4E02D – 2" to 6" Pipe Insulation (aircell): 60 L.F. & 20 Fittings
Room 4E03A – 2" to 6" Pipe Insulation (aircell): 18 L.F. & 6 Fittings
Room 4E03B – Pipe Chase, Suspect TSI
Room 4S14A – 2" to 6" Pipe Insulation (aircell): 2 L.F. & 4 Fittings
Room 4S23 – Pipe Chase, Suspect TSI (Estimate of 30 L.F.)
Room 4S23A – 2" to 6" Pipe Insulation (aircell): 50 L.F. & 6 Fittings
Room 4S24A – Suspect TSI (Estimate of 32 L.F. & 6 Fittings)
Room 4S25 – Suspect TSI (Estimate of 36 L.F. & 6 Fittings)
Room 4S26A – Pipe Chase, Suspect TSI (Estimate of 10 L.F. & 1 Fitting)
Room 4S27 – Pipe Chase, Suspect TSI (Estimate of 20 L.F. & 2 Fittings)
Room 4S28 – Suspect TSI (Estimate of 20 L.F. & 2 Fittings)

ASBESTOS ABATEMENT NOTES (GLOVEBAG ABATEMENT)

All Thermal System Installation (TSI) abatement to be conducted under Class I abatement requirements including glovebag method and negative pressure enclosures according to product specifications. TSI located in pipe chases and under plaster ceilings will require demolition (removal and disposal) of drywall, plaster and possibly hard block and drop ceiling components.
In addition to the overall abatement cost to be provided, Contractor shall provide unit prices for TSI fittings and per linear foot costs for straight line insulation. Contractor must field verify all site conditions and estimated quantities prior to submission of bid. Construction will be phased on this project and as such the Contractor shall coordinate asbestos abatement with the VA and Construction Management Team.

FOURTH FLOOR ASBESTOS ABATEMENT PLAN
1/8" = 1'-0"
GLOVEBAG ABATEMENT OF ASBESTOS-CONTAINING PIPE INSULATION AND FLOOR TILE AND MASTIC ASBESTOS ABATEMENT
1 HA-102



KEY PLAN
NOT TO SCALE

FULLY SPRINKLERED BUILDING
BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

Smith Management Group
1405 Mercer Road Lexington, KY 40511
1860 B Williamson Court Louisville, KY 40223
www.smithmanage.com

ARCHITECT/ENGINEERS:

PARADIGM ENGINEERS AND CONSTRUCTORS
PO BOX 436223 Louisville, Kentucky 40253 – PH: 502.339.8511 – www.paradigmusa.com

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

Drawing Title: FOURTH FLOOR ASBESTOS ABATEMENT PLAN	Project Title: SURGICAL SUPPORT AND LOCKERS	Project Number: 636A8-11-011	Office of Construction and Facilities Management
		Building Number: 1	
Approved: Project Director	Location: IOWA CITY VAMC, 601 HIGHWAY 6 WEST, IOWA CITY, IOWA 52246-2208	Drawing Number: 1-ASB1	Department of Veterans Affairs
	Date: 07-13-12 / Checked: BVG / Drawn: KMC		

VA FORM 08-6231