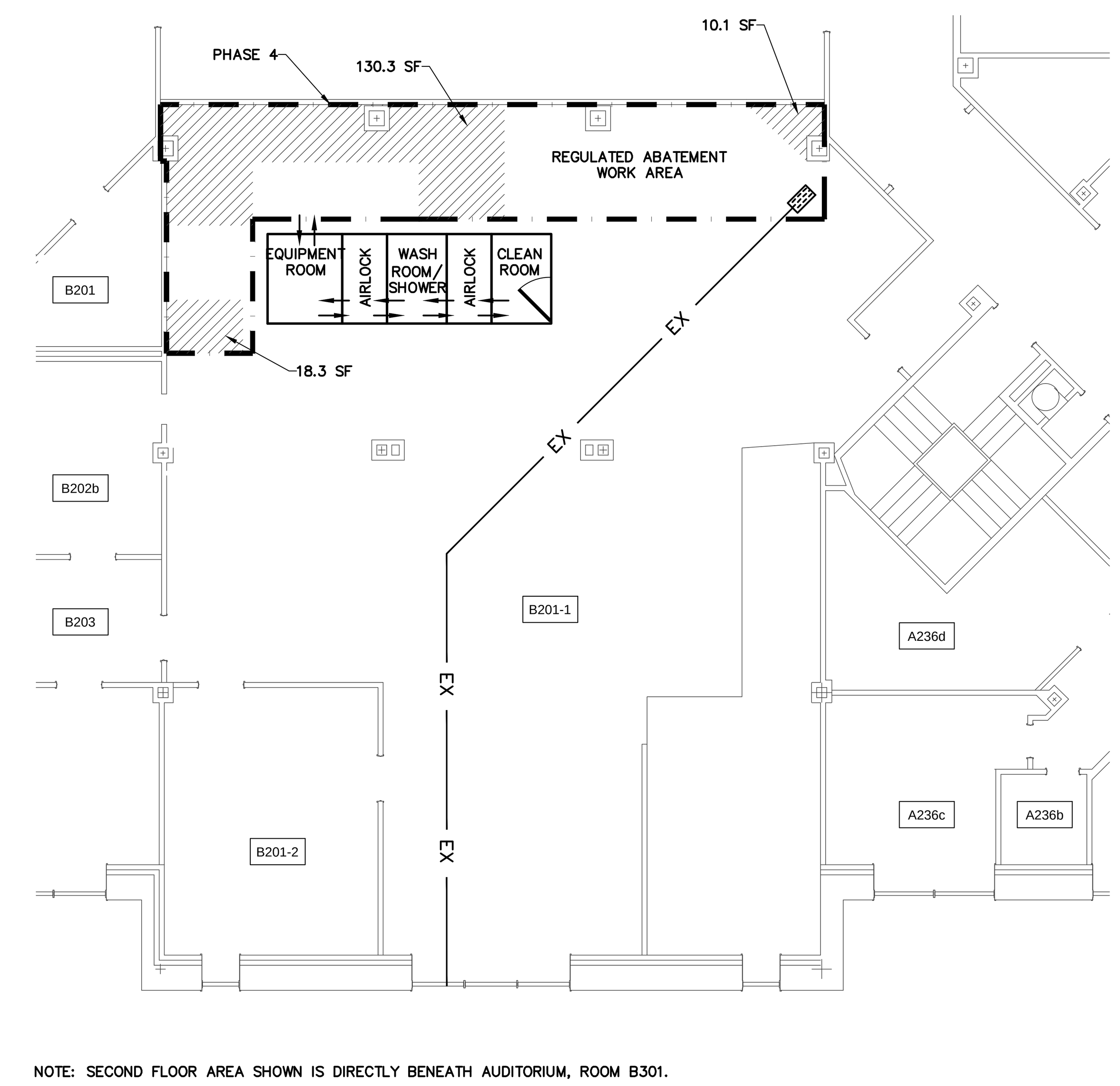
IF THIS SHEET IS NOT: 30" X 42" USE GRAPHIC SCALES

LEGEND:

- EXISTING FULL HEIGHT PARTITION TO REMAIN
- EXISTING FULL HEIGHT PARTITION TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- ASBESTOS FLOORING/MASTIC
- ASBESTOS CARPET MASTIC WITH ASBESTOS FLOORING/MASTIC BELOW
- ASBESTOS CEILING DRYWALL/PLASTER
- ASBESTOS RADIATOR MATERIALS
- ASBESTOS WORK AREA LIMITS
- EX — NEGATIVE AIR EXHAUST PIPING
- INGRESS/EGRESS DIRECTION
- APPROXIMATE NEGATIVE AIR UNIT LOCATION
- LOCKABLE DOOR TO REMAIN FOR USE WITH ABATEMENT WORK AREA

1 **ASBESTOS ABATEMENT PLAN - THIRD FLOOR**
SCALE: 1/8" = 1'-0"



NOTE: SECOND FLOOR AREA SHOWN IS DIRECTLY BENEATH AUDITORIUM, ROOM B301.

2 **ASBESTOS ABATEMENT PLAN - SECOND FLOOR**
SCALE: 1/8" = 1'-0"

ASBESTOS LOCATION NOTES:

1. ASBESTOS LOCATIONS ARE BASED ON ASBESTOS INSPECTIONS CONDUCTED IN OCTOBER 2010, SEPTEMBER AND OCTOBER 2012, AND MAY 2013. ASBESTOS LOCATIONS AND AREAS IDENTIFIED ON THIS PLAN ARE APPROXIMATE.
2. DRAWINGS DO NOT CLAIM TO IDENTIFY ALL OF THE ASBESTOS CONTAINING MATERIAL (ACM) PRESENT IN THE PROJECT AREA. THE ASBESTOS LOCATIONS ARE BASED ON THE ASBESTOS INSPECTION SURVEYS CONDUCTED IN OCTOBER 2010, SEPTEMBER AND OCTOBER 2012, AND MAY 2013. INHERENT LIMITATIONS PREVENT ACCESS TO ALL INACCESSIBLE OR ENCLOSED SPACES. CONTRACTOR SHALL TAKE NOTICE OF ANY SUSPECT UNIDENTIFIED MATERIALS DISCOVERED DURING DEMOLITION.
3. THE CONTRACTOR SHALL NOTIFY VA COR IF ANY PRESUMED ASBESTOS CONTAINING MATERIALS (PACM) IS DISCOVERED DURING DEMOLITION NOT IDENTIFIED BY CONTRACT DRAWINGS. PACM FOUND ON SITE DURING DEMOLITION OR CONSTRUCTION EFFORTS MUST BE TREATED AS ASBESTOS WASTE UNLESS OTHERWISE DETERMINED BY A NYS LICENSED ASBESTOS INSPECTOR.
4. SEVERAL KNOWN ACM'S MAY BE PRESENT IN THE PROJECT AREA BASED ON DISCUSSION WITH THE CURRENT OCCUPANT AND VA COR:
   -BLACK TAR PAPER
   -AIRCELL INSULATION PANELS IN RADIATORS/ WALL HEATERS
   -NON-FIBERGLASS INSULATION WITHIN WALL CHASES
   -NON-FIBERGLASS INSULATION ON HEATING PIPES
   REMOVE ACM AIRCELL PANELS LOCATED BEHIND RADIATORS DURING ASBESTOS ABATEMENT. COORDINATE WITH MECHANICAL REMOVALS. REMOVE NON FIBERGLASS INSULATION WITHIN WALL CHASES AND ON HEATING PIPING AS REQUIRED FOR INSTALLATION OF NEW WORK. COORDINATE WITH PLUMBING AND MECHANICAL REMOVALS AND NEW WORK. ACM ENCOUNTERED DURING CONSTRUCTION OR DEMOLITION EFFORTS, OTHER THAN THAT LISTED ABOVE, WORK SHALL BE HALTED AND REMOVAL OR REMEDIATION EFFORTS DISCUSSED WITH THE VA COR.
5. ASBESTOS TESTING WAS NOT CONDUCTED FOR THE CONSTRUCTION AREA ON THE SECOND FLOOR. IT WAS NOTED BY THE VA COR THAT THE CEILING IS BELIEVED TO CONTAIN ASBESTOS. THE DRYWALL CEILING AND TAPE/PLASTER IS CONSIDERED PACM.

ASBESTOS REMOVAL NOTES:

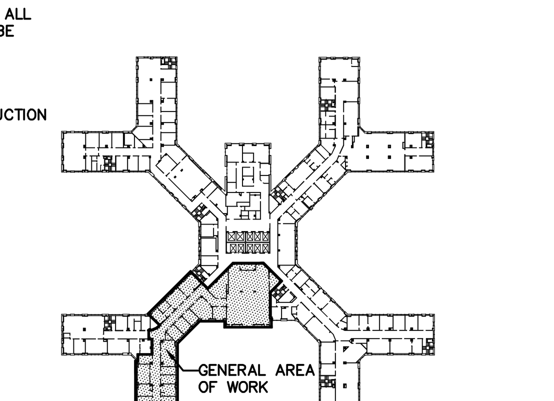
1. REMOVAL WITHIN THIS AREA INCLUDES ASBESTOS CONTAINING MATERIALS (ACM). ALL IDENTIFIED AND SUSPECT ACM WILL BE REMOVED IN CONFORMANCE WITH SPECIFICATION SECTION 028211 TRADITIONAL ABATEMENT.
2. GENERAL – CERTIFICATION REQUIREMENTS: THE CONTRACTOR SHALL NOTE THAT THE PROJECT INVOLVES ASBESTOS REMOVAL. THE CONTRACTOR PERFORMING THE ASBESTOS REMOVAL SHALL BE A LICENSED NEW YORK STATE ASBESTOS ABATEMENT CONTRACTOR. ALL PERSONS INVOLVED IN PERFORMING THE ASBESTOS ABATEMENT WORK SHALL BE PROPERLY AND APPROPRIATELY CERTIFIED AS IDENTIFIED IN SUBPART 56-3 OF THE NEW YORK STATE DEPARTMENT OF LABOR INDUSTRIAL CODE RULE 56 (ICR 56), AND SHALL COMPLY WITH ALL APPLICABLE LAWS, RULES, AND REGULATIONS. THIS INCLUDES ALL INDIVIDUALS INVOLVED IN ALL PORTIONS OF THE ASBESTOS WORK, INCLUDING MANAGING, SUPERVISING, DESIGNING, INSPECTING AND/OR PERFORMING THE WORK.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE EPA AND NYSDOL OF ASBESTOS ABATEMENT WORK AT LEAST 10 WORKING DAYS PRIOR TO THE COMMENCEMENT OF DEMOLITION OR RENOVATION ACTIVITIES. THE VA COR & ENGINEER SHALL BE NOTIFIED 2 WEEKS IN ADVANCE OF WHEN ABATEMENT ACTIVITIES ARE SCHEDULED TO COMMENCE. THE CONTRACTOR SHALL PLACE OCCUPANCY NOTIFICATIONS ON ALL VAMC ENTRANCE DOORS 10 DAYS PRIOR TO ANY ABATEMENT ACTIVITIES.
4. ASBESTOS CONTAINING MATERIAL WAS IDENTIFIED IN VARIOUS FLOOR TILES AND MASTIC THROUGHOUT THE PROJECT WORK AREA AND IN THE SECOND FLOOR CEILING. SEE ASBESTOS LOCATION PLAN DRAWING AB-01 OR THIS SHEET FOR LOCATIONS.
5. THE EXACT AMOUNT OF ASBESTOS CONTAINING MATERIALS IS UNKNOWN. APPROXIMATELY 6700 SQUARE FEET OF ACM FLOOR TILE AND MASTIC IS ASSUMED TO BE CONTAINED WITHIN THE DESIGNATED AREAS. AN ADDITIONAL 1500 SQUARE FEET OF ACM MASTIC IS PRESENT BETWEEN THE CARPET AND FLOOR TILES IN THE B311 SUITE. 25 RADIATORS/WALL HEATERS ARE DESIGNATED FOR REMOVAL THAT ARE SUSPECTED TO CONTAIN ACM TRANSITE/AIRCELL PANELS AND ACM PIPE INSULATION. APPROXIMATELY 160 SQUARE FEET OF ACM CEILING DRYWALL AND TAPE/PLASTER IS DESIGNATED FOR REMOVAL ON THE SECOND FLOOR.
6. ABATEMENT WORK SHALL BE CONDUCTED DURING ADMINISTRATIVE HOURS OF 8:00AM TO 4:30PM UNLESS OTHERWISE SPECIFIED HEREIN OR ORDERED BY THE VA COR. PHASE 1 ABATEMENT WORK SHALL BE CONDUCTED DURING WEEKENDS ONLY TO MINIMIZE THE IMPACT TO INGRESS/EGRESS REQUIREMENTS TO THE LABORATORY. THE BUILDING WILL BE OCCUPIED DURING ABATEMENT; COORDINATE WITH VA COR TO MINIMIZE IMPACT TO BUILDING OCCUPANTS.
7. ALL CONTAINMENT BARRIERS AND CRITICAL BARRIERS SHALL BE INSTALLED IN A MANNER SUFFICIENT TO PROTECT ABATEMENT WORK AREAS. CONTRACTOR SHALL ENSURE PROPER SEPARATION BETWEEN ALL AIRLOCKS, CLEAN ROOMS AND NON-ABATEMENT AREAS.
8. ALL NEGATIVE AIR EXHAUST PIPING SHALL HAVE A MINIMUM SIZE OF 12". FOR EXHAUST LENGTHS UP TO 50 FEET, THE DUCT SIZING SHALL BE INCREASED TO 14". THE USE OF 16" NEGATIVE AIR EXHAUST PIPING IS AN APPROVED VARIANCE FROM NYSDOL ICR 56 FOR EXHAUST PIPING OF UP TO 100 FEET IN LENGTH.
9. ALL NEGATIVE AIR EXHAUST PIPING SHALL BE MOUNTED ABOVE THE CEILING, WHEN POSSIBLE. IF INSTALLATION BELOW FINISHED CEILING IS REQUIRED, CONTRACTOR SHALL MAINTAIN REQUIRED VERTICAL CLEARANCES AND ENSURE ADEQUATE SUPPORT. EXHAUST DUCTWORK SHALL BE ADEQUATELY SIZED REINFORCED FLEXIBLE PIPING.
10. NEGATIVE AIR EXHAUST PIPING THROUGH ANY PUBLIC CORRIDOR SHALL BE ENCASED IN AN OPAQUE PLASTIC OR APPROVED EQUIVALENT MATERIAL TO PROTECT DUCTWORK.
11. NEGATIVE AIR EXHAUST PIPING FOR THE THIRD FLOOR ABATEMENT SHALL EXHAUST ON THE THIRD FLOOR ON THE NORTHWEST SIDE OF THE PROJECT AREA. NEGATIVE AIR EXHAUST PIPING FOR THE SECOND FLOOR ABATEMENT SHALL EXHAUST THROUGH THE SOUTH SIDE OF THE PROJECT AREA. EXHAUST PIPING SHALL BE INSTALLED WITH AN AIRTIGHT WEATHERPROOF PENETRATION THROUGH THE EXISTING WINDOW FRAME. PIPE EXHAUST SHALL BE FITTED WITH A SECURE END STRUCTURE TO PREVENT ACCESS TO THE BUILDING. ALL AIR INTAKE STRUCTURES WITHIN A 15 FOOT RADIUS OF THE EXHAUST LOCATION SHALL BE BLOCKED OR RELOCATED FOR THE DURATION OF THE ABATEMENT PROJECT.
12. WASTE DISPOSAL: THE CONTRACTOR SHALL REMOVE, TRANSPORT, AND DISPOSE OF ALL ASBESTOS WASTE IN ACCORDANCE WITH INDUSTRIAL CODE RULE 56 AND ALL ADDITIONAL APPLICABLE REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE APPROVAL OF THE DISPOSAL SITE, AND FOR RECORDING ALL WASTE DISPOSED AT THIS FACILITY.
13. ACM WASTE SHALL BE TRANSPORTED TO THE SERVICE ELEVATORS AND OUT OF THE BUILDING THROUGH THE LOADING BAY AREA. COORDINATE TRANSPORT TIME AND ROUTE WITH VA COR TO MINIMIZE CONFLICTS WITH BUILDING OCCUPANTS. ALL ACM SHALL BE REMOVED FROM THE BUILDING AFTER 5:00 PM AND COORDINATED WITH THE VA COR UTILIZING THE DESIGNATED ROUTE(S) OR AS DETERMINED BY THE VA COR.
14. CONTRACT DOCUMENTS: IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH INDUSTRIAL CODE RULE 56 AND ALL ADDITIONAL APPLICABLE REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR PLANNING THE REMOVAL, INCLUDING SCOPE, TIMING, PHASING, AND REMOVAL METHODS TO BE UTILIZED.
15. ANY CHANGES TO THESE DRAWINGS OR MODIFICATIONS TO THE ASBESTOS REMOVAL PROCEDURE SHALL BE APPROVED BY A LICENSED PROJECT DESIGNER. THE CONTRACTOR SHALL SUBMIT A HEALTH AND SAFETY PLAN FOR REVIEW.
16. ANY INSULATION MATERIAL ENCOUNTERED THAT IS NOT IDENTIFIED IN THE ASBESTOS LOCATION PLAN OR ASBESTOS REPORT AND IS CONSIDERED PACM SHALL BE REMOVED AS ACM. ANY INSULATION REMOVED FROM THE PROJECT AREA SHALL BE ADEQUATELY REPLACED.
17. THE CONTRACTOR SHALL RETAIN A COPY OF ALL PERTINENT OSHA STANDARDS, EPA REGULATIONS AND INDUSTRIAL CODE RULE 56 REGULATIONS AT THE JOB SITE.
18. THE CONTRACTOR SHALL RETAIN A COPY OF THE MOST RECENT ASBESTOS INSPECTION SURVEY REPORT AND ALL ASBESTOS ABATEMENT PLANS AT THE JOB SITE.
19. COMPLIANCE AIR MONITORING: THE CONTRACTOR IS RESPONSIBLE FOR ALL PERSONNEL AIR SAMPLING/ANALYSIS/REPORTING REQUIRED BY OSHA AND ALL ADDITIONAL APPLICABLE REGULATIONS.
20. GENERAL AIR MONITORING: THE CONTRACTOR IS NOT RESPONSIBLE FOR AIR SAMPLING/ANALYSIS/REPORTING REQUIRED BY NYSDOL ICR 56. REQUIRED AIR MONITORING SHALL BE PERFORMED BY A SEPARATE CONSULTANT OR THE VA COR. IF A SEPARATE CONSULTANT IS UTILIZED, THEY SHALL BE COMPLETELY INDEPENDENT OF ALL ASBESTOS ABATEMENT CONTRACTORS INVOLVED WITH THE PROJECT AND PAID FOR AT THE EXPENSE OF THE VA COR.
21. REQUIREMENTS FOR PROJECT DOCUMENTS: THE CONTRACTOR WILL PROVIDE THE ENGINEER WITH TWO (2) COMPLETE SETS OF RECORD DOCUMENTS, INCLUDING WORKING SIGN-IN/SIGN-OUT SHEET, PROOF OF WORKER CERTIFICATIONS, AND OTHER SUCH RECORDS AS REQUESTED OR AS REQUIRED BY LAW TO BE KEPT ON RECORD. THESE RECORDS WILL BE ASSEMBLED AS A SINGLE LOGICAL REPORT WITH ALL INFORMATION BOUND TOGETHER.
22. ALL WORK SHALL BE PERFORMED IN FULL COMPLIANCE WITH ALL APPLICABLE EPA, OSHA, AND NYS REGULATIONS, AND THE SPECIFICATIONS CONTAINED HEREIN. WHERE THE PROJECT PLANS/SPECS CONFLICT WITH THE APPLICABLE CODES, RULES AND REGULATIONS, THE MORE STRINGENT SHALL APPLY.

PHASING NOTES:

1. TO FACILITATE INGRESS AND EGRESS REQUIREMENTS, THE ORDER OF PHASING SHALL BE:
   A. PHASE 1 – ABATEMENT
   B. PHASE 2 – ABATEMENT
   C. PHASE 2 – CONSTRUCTION
   D. PHASE 3 – ABATEMENT
   E. PHASE 3 – CONSTRUCTION

   PRIOR TO ABATEMENT ON THE SECOND FLOOR, ALL PERSONNEL AND IMPACTED EQUIPMENT SHALL BE REMOVED FROM ROOM B201-1.

   F. PHASE 4 – ABATEMENT
2. COORDINATE ASBESTOS PHASING WITH CONSTRUCTION PHASING PLANS, DRAWING A-0.



0 **KEY PLAN - BLDG. 1 THIRD FLOOR**
SCALE: N.T.S.

Revisions	Date
-	-
-	-
-	-
-	-
-	-
-	-
ADDITIONAL ABATEMENT REVISIONS	2014/05/02
QUANTIFIED RADIATOR PANEL ABATEMENT	2014/04/29
100% FINAL DESIGN	2014/04/04

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HA2F PROJECT No.: 2006013.02

Drawing Title: ASBESTOS ABATEMENT PLAN

Approved: Project Director
-
-
-

Project Title: STRATTON VAMC 3RD FLOOR B WING AND CORE CONSOLIDATED LABS RENOVATION

Location: STRATTON VA MEDICAL CENTER NY

Date	Checked	Drawn
04/04/2014	CMD	MRM/LKB

Project Number: 528A8-10-801
Building Number: BLDG. 1
Drawing Number: AB-02
Dwg. 3 of 54

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

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