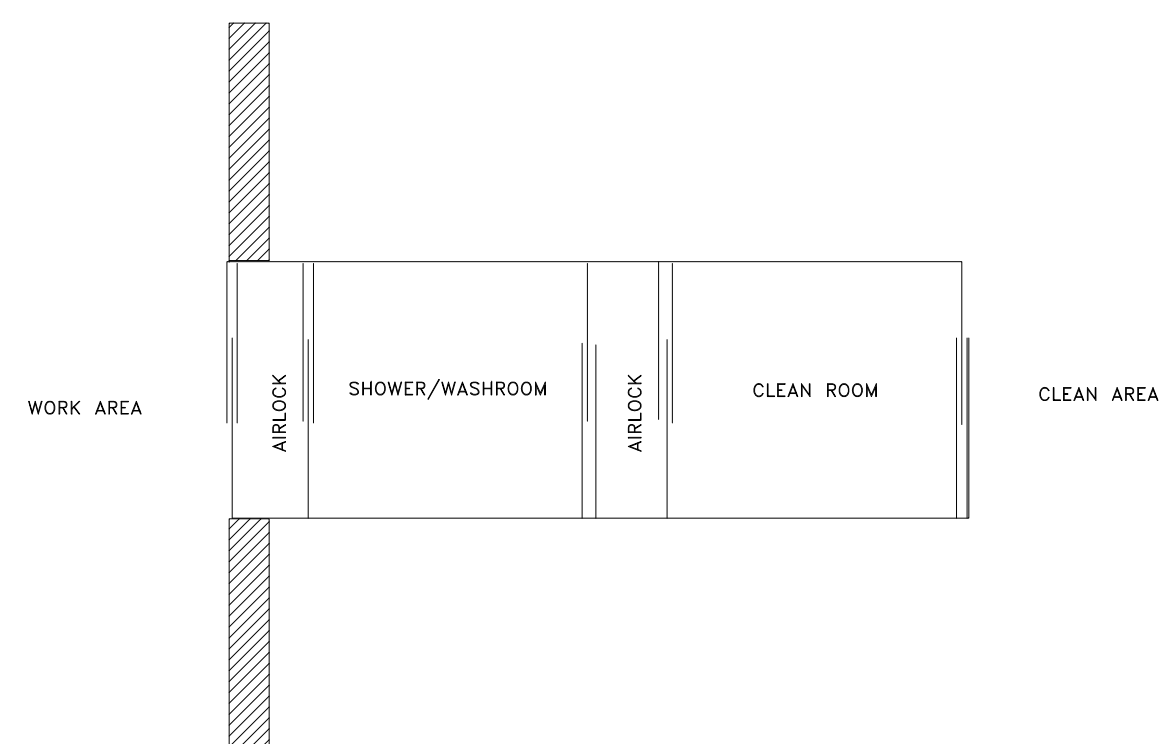
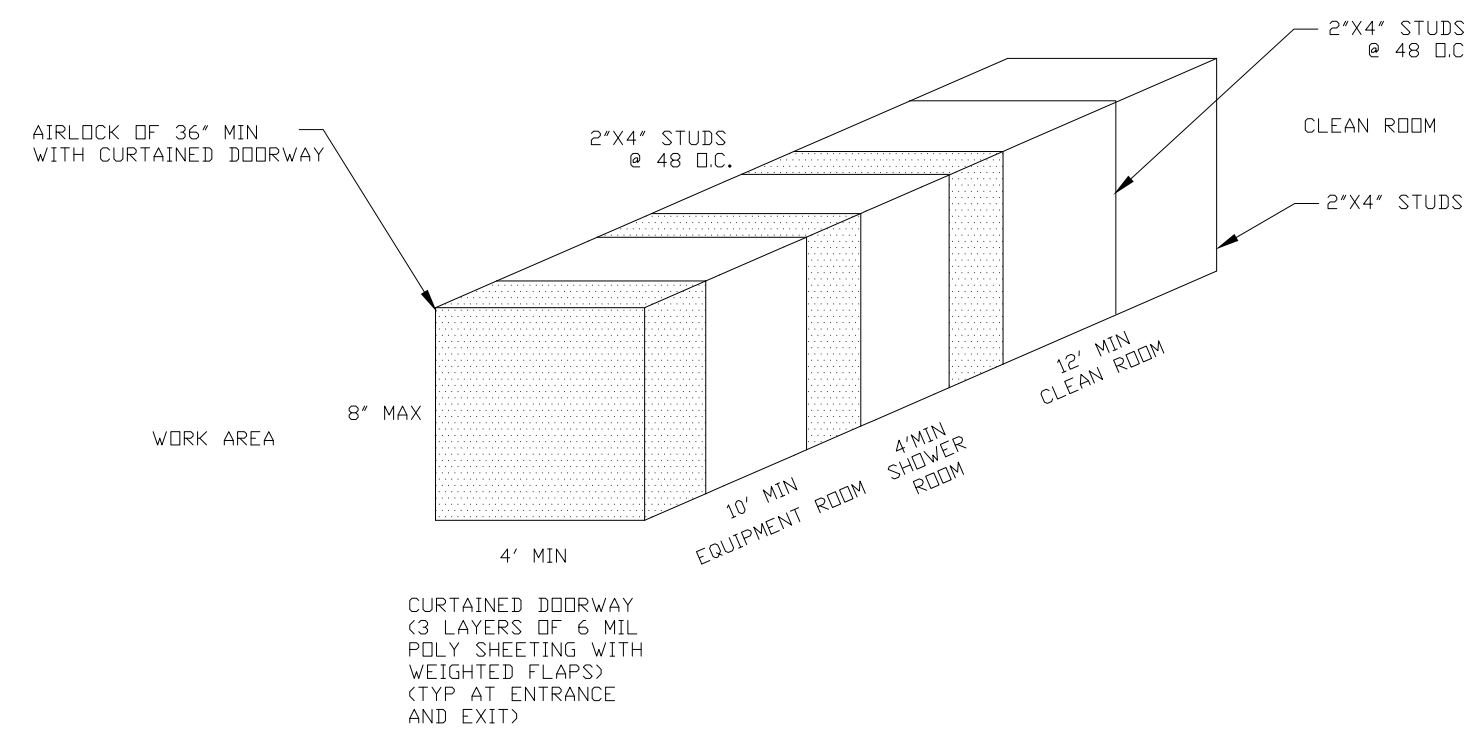


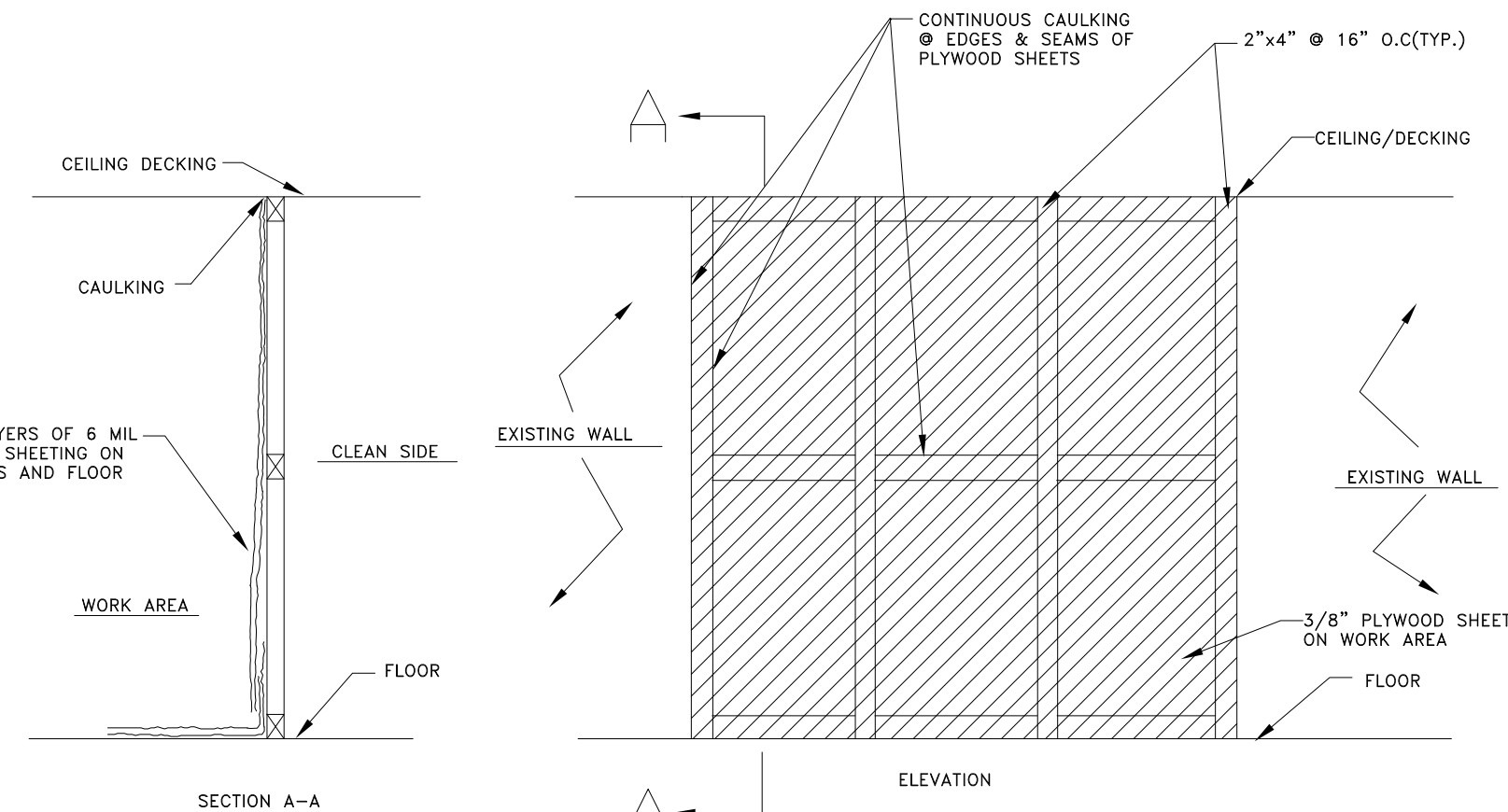
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



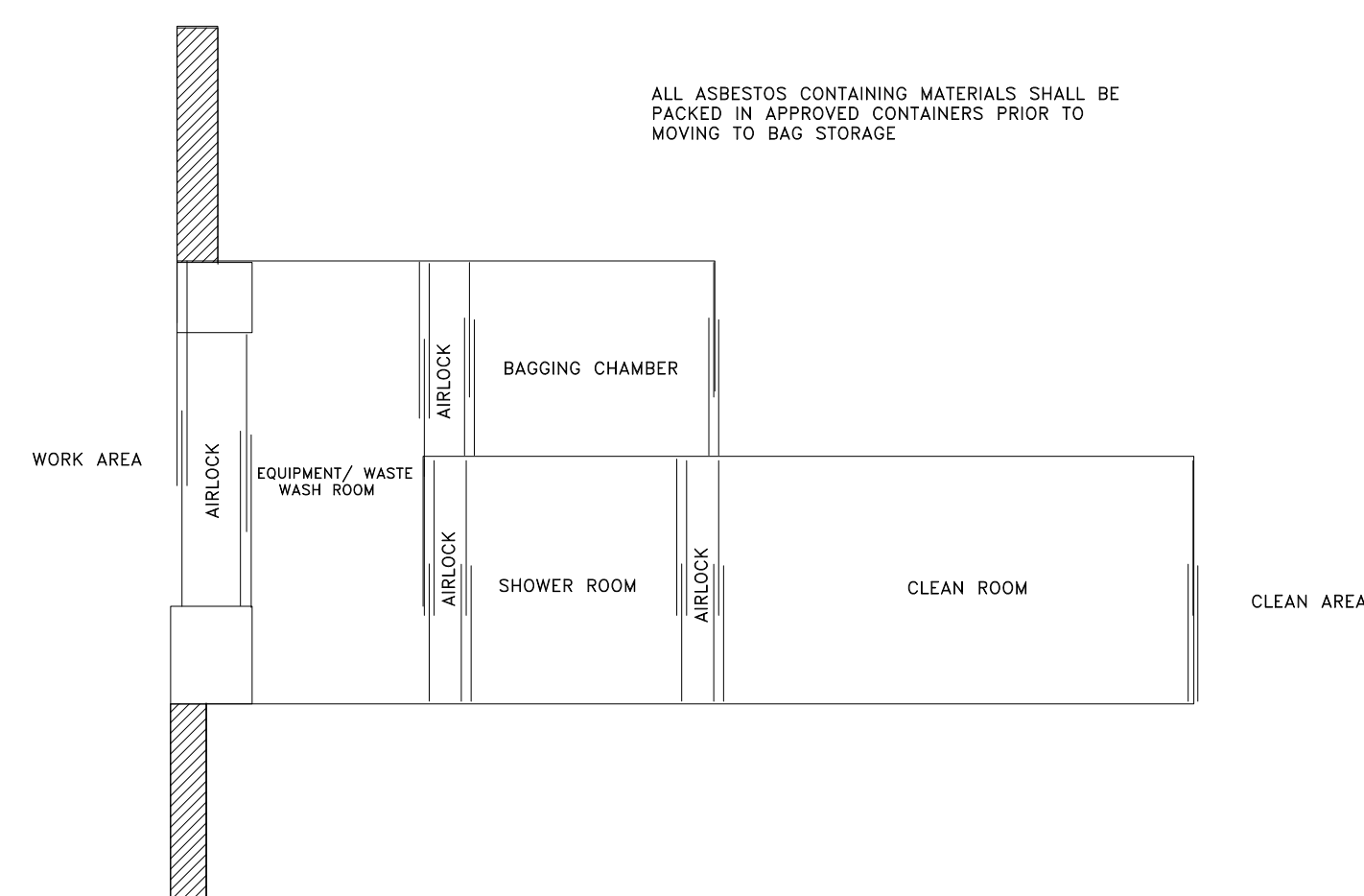
WASTE DECONTAMINATION ENCLOSURE SYSTEM



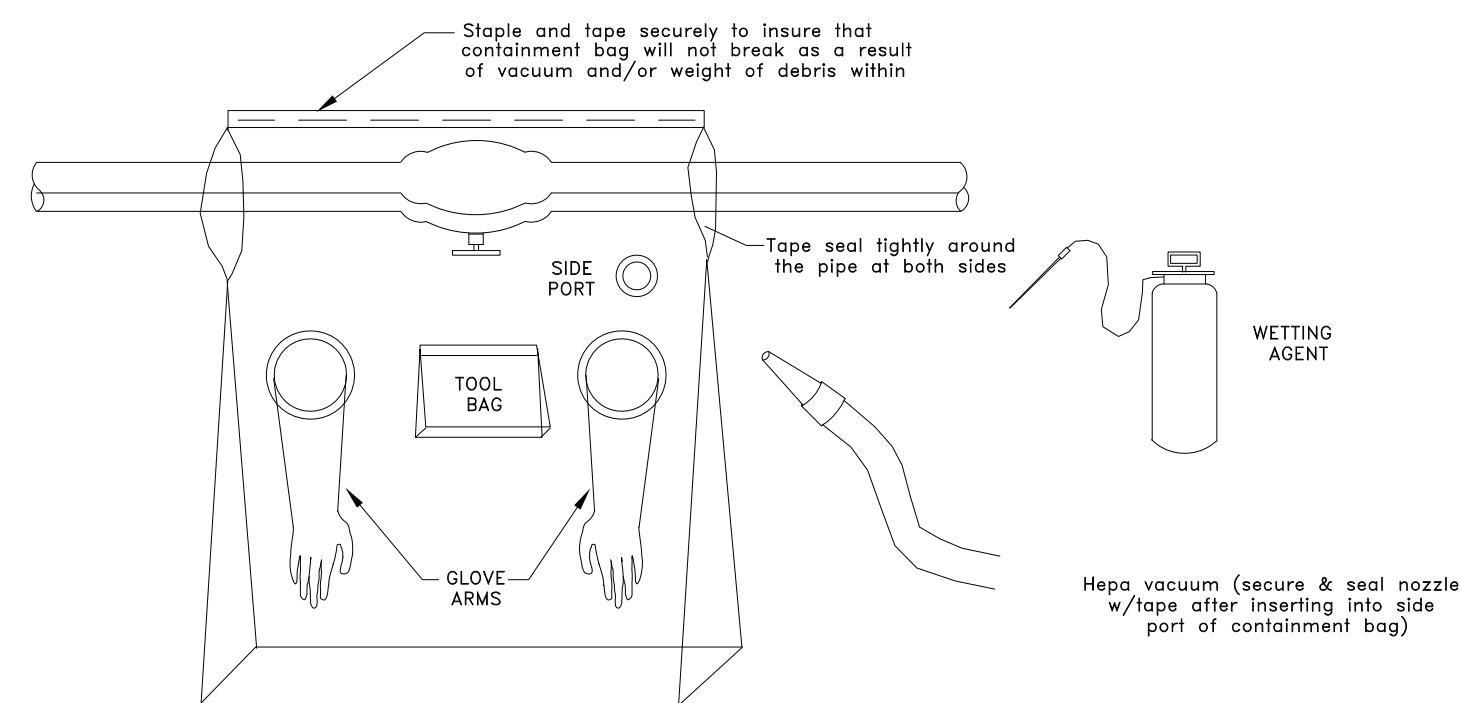
CONSTRUCTION OF PERSONNEL DECONTAMINATION SYSTEM



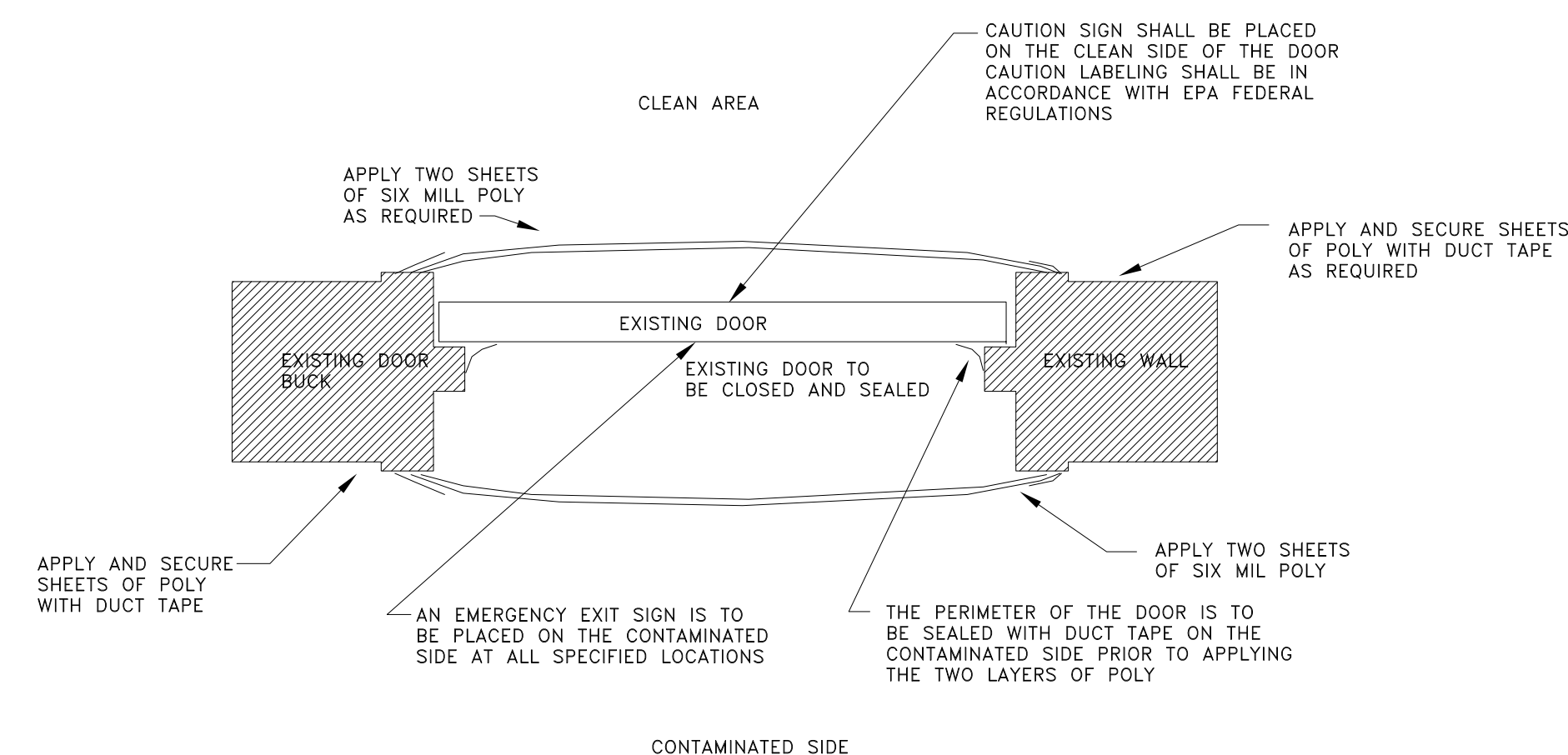
CONSTRUCTION OF A TEMPORARY SOLID BARRIER



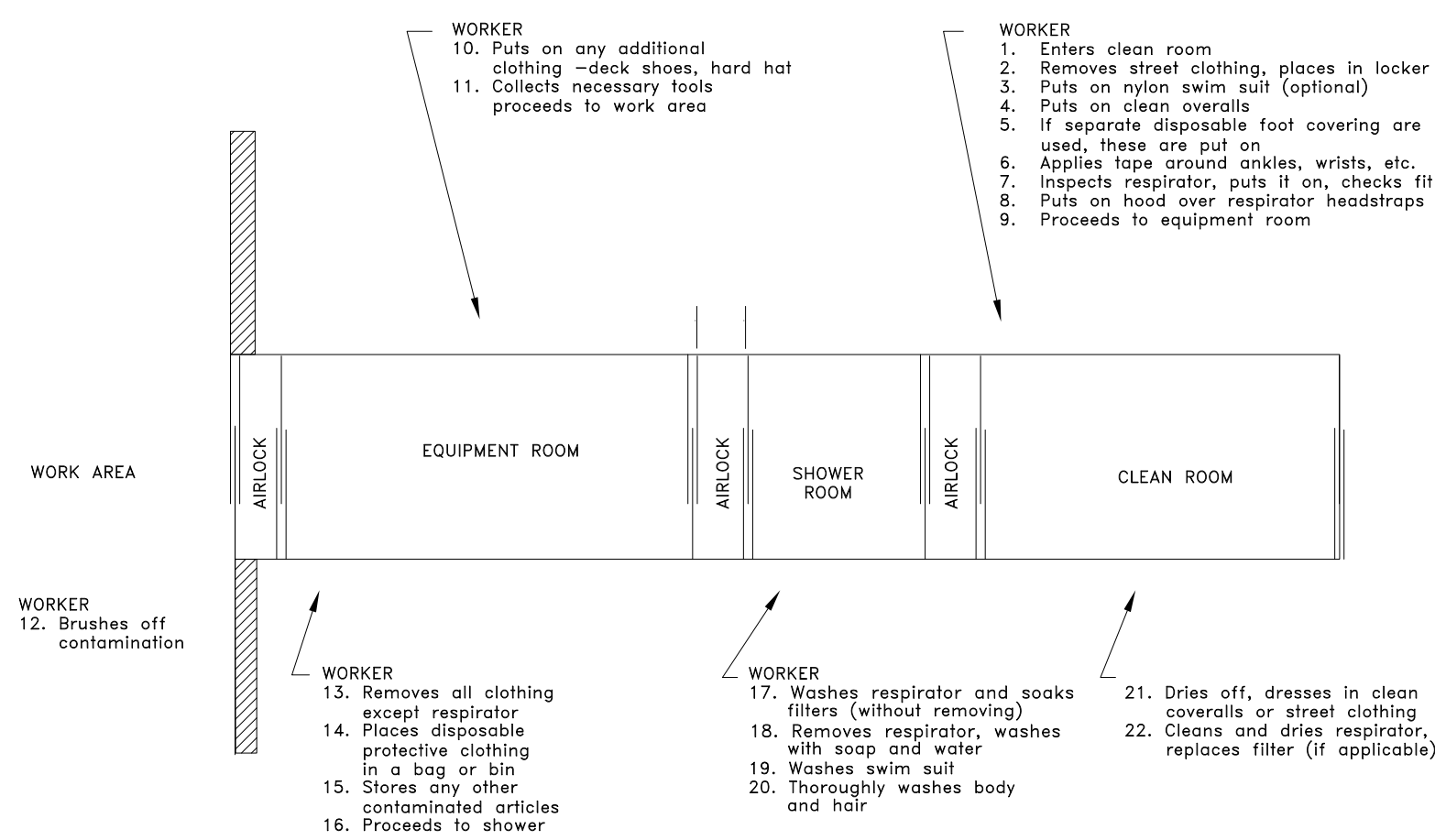
PARALLEL PERSONNEL AND WASTE DECON. ENCLOSURE SYSTEMS



USE OF GLOVEBAG ENCLOSURE FOR PIPE INSULATION ABATEMENT

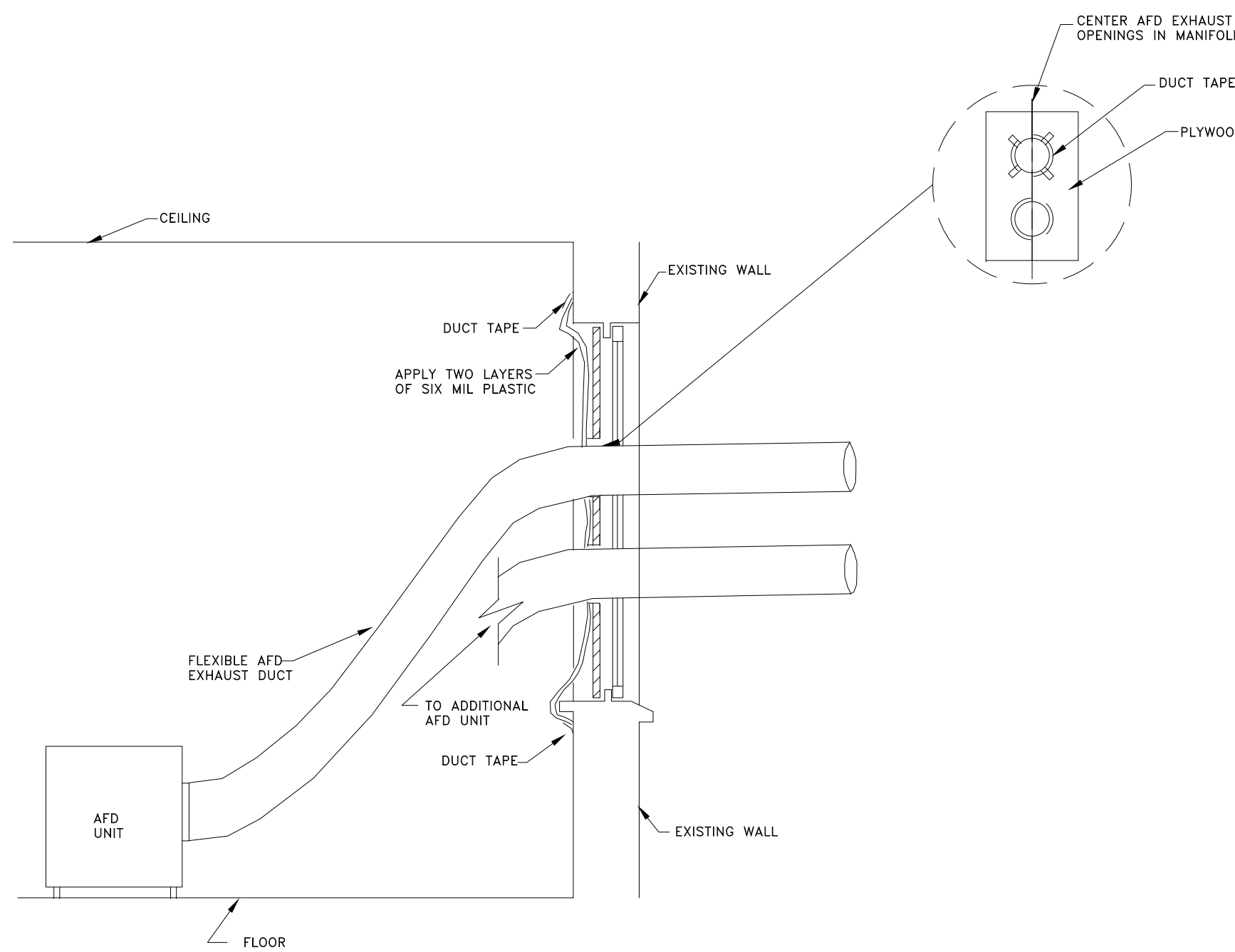


EMERGENCY CRITICAL BARRIER AT DOOR



NOTE: INSIDE WORK AREA WORKERS SHALL EXIT TO OUTSIDE THROUGH DECONTAMINATION FACILITIES ONLY. ALL WORKERS TO WEAR RESPIRATORS AND FULLY PROTECTIVE CLOTHING INSIDE THE WORK AREA (INCLUDING HEADWARE AND FOOTWARE)

PERSONNEL DECONTAMINATION SYSTEM



WINDOW AIR FILTRATION DEVICE EXHAUST

ASBESTOS ABATEMENT NOTES

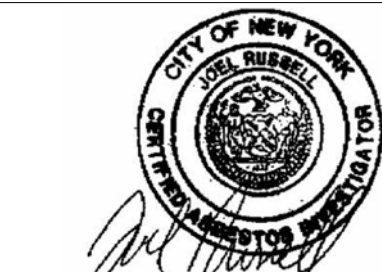
- ALL ASBESTOS REMOVAL AREAS INDICATED ON THE PLANS AND SPECIFICATIONS IS FOR INFORMATIONAL ASSISTANCE TO THE CONTRACTOR, ALL MATERIALS MUST BE FIELD VERIFIED FOR SIZE AND QUANTITIES. ADDITIONAL PIPING OR EQUIPMENT WHICH MAY HAVE ASBESTOS CONTAINING INSULATION MAY BE PRESENT. THE CONTRACTOR MUST REMOVE ALL ASBESTOS CONTAINING MATERIAL FROM ALL SPECIFIED AREAS WHETHER OR NOT SHOWN OR ACCURATELY INDICATED. THESE SPECIFICATIONS SHALL BE USED AS A GUIDE AND DO NOT LIMIT THE CONTRACTORS RESPONSIBILITY TO SEEK AND REMOVE ALL ASBESTOS CONTAINING MATERIAL AS SPECIFIED.
- ALL ASBESTOS REMOVAL AREAS INDICATED ON THE PLANS AND SPECIFICATIONS PROCEDURES, CONTRACTOR SHALL CONDUCT REMOVAL OF ALL MATERIALS FROM THE SITE WITH A MINIMUM DISTURBANCE AND PROVIDE REGULAR MAINTENANCE AND PROTECTION OF THE BUILDING PREMISES, STAGING AREA, TRANSPORTATION ROUTES, ETC. THROUGHOUT THE BUILDINGS.
- ALL BUILDING FINISHES, CONSTRUCTION EQUIPMENT OR OTHER COMPONENTS OF THIS BUILDING WHICH ARE DAMAGED OR IN ANY WAY DISRUPTED AS A RESULT OF THE EXECUTION OF THIS CONTRACT SHALL BE REPLACED OR RESTORED TO ORIGINAL CONDITION.
- CONTRACTOR SHALL PROVIDE AS MANY SHIFTS OF LABORERS AS NECESSARY TO COMPLETE THE PROJECT IN THE AMOUNT OF TIME SPECIFIED IN THE CONTRACT DOCUMENTS AT NO EXTRA COST.
- ALL ASBESTOS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, GUIDELINES, REGULATIONS, ORDERS AND DIRECTIVES, INCLUDING WITHOUT LIMITATIONS THOSE OF THE RESPONSIBLE NEW YORK STATE AGENCIES; U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA), U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH), NEW YORK STATE DEPARTMENT OF LABOR (NYS DOL), AND NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION (NYC DEP).
- CONTRACTOR SHALL DEVELOP AND IMPLEMENT WRITTEN STANDARD PROCEDURES FOR ABATEMENT WORK TO ENSURE MAXIMUM PROTECTION AND SAFEGUARDS FOR ASBESTOS EXPOSURE TO THE WORKERS, EMPLOYEES, GENERAL PUBLIC AND THE ENVIRONMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY LIGHT FIXTURES, SUSPENDED CEILINGS OR OBSTRUCTIONS NECESSARY FOR THE SUCCESSFUL COMPLETION OF THE PROJECT. CONTRACTOR SHALL CAREFULLY REMOVE, DECONTAMINATE AND REINSTALL ALL REMOVED FIXTURES, SUPPORTING GRIDS OR ANY OTHER BUILDING STRUCTURE REMOVED BY THE CONTRACTOR TO ACCESS ASBESTOS CONTAINING MATERIAL.
- ASBESTOS REMOVAL DRAWINGS WERE PREPARED FROM EXISTING DRAWINGS SUPPLIED BY THE OWNER AND ARE PROVIDED FOR INFORMATION ONLY. THE CONSULTANT MAKES NO CLAIMS AS TO THEIR ACCURACY OR FOR QUANTITIES DERIVED THROUGH THEIR USE.
- CONTRACTOR SHALL PROVIDE ALL SCAFFOLDING, LADDERS, PLYWOOD, ETC., AS REQUIRED AND/OR AS NECESSARY TO COMPLETE ALL WORK REQUIRED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL PROVIDE ALL SIGNS, LABELS, WARNINGS AND POSTED INSTRUCTIONS THAT ARE NECESSARY TO PROTECT, INFORM AND WARN PEOPLE OF THE HAZARD FROM ASBESTOS EXPOSURE.
- CONTRACTOR SHALL POST IN A PROMINENT AND CONVENIENT PLACE FOR THE WORKERS, A COPY OF THE LATEST APPLICABLE REGULATIONS FORM OSHA, EPA, NIOSH AND NYS DOL.
- CONTRACTOR SHALL COMPLETELY PROTECT ALL CONTROLS, CONDUIT, TUBING, ELECTRICAL PANELS, EQUIPMENT, ETC. WITHIN THE WORK AREAS.
- THE ASBESTOS ABATEMENT CONTRACTOR IS TO PREPARE THE WORK AREA FOR REMOVAL IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF LABOR INDUSTRIAL CODE RULE 56, NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION TITLE 15, CHAPTER 1, THE VAMC SPECIFICATION AND APPLICABLE FEDERAL REGULATIONS. WHERE THERE IS AN OVERLAP, THE MOST STRINGENT REGULATIONS SHALL APPLY.
- THE ASBESTOS ABATEMENT SHALL BE COORDINATED TO AVOID INTERRUPTION TO THE NORMAL ACTIVITIES OF THE VAMC AND THE REMOVAL MUST BE SCHEDULED AFTER 5PM MONDAY-FRIDAY AND ON WEEKENDS.
- THE VAMC AND THE ASBESTOS ABATEMENT CONTRACTOR SHALL MUTUALLY AGREE UPON THE LOCATION OF THE REMOTE DECONTAMINATION UNITS DURING THE PRECONSTRUCTION MEETING.
- SUBMIT SHOP DRAWINGS SHOWING LOCATION AND NUMBER OF HEPA FILTERS, AIRLOCKS AND DECONTAMINATION CHAMBERS. SUBMIT CALCULATIONS SHOWING NUMBER OF AIR CHANGES FOR EACH CONTAINMENT AREA.
- DEMOLISH ALL WALLS AND CEILINGS AS NECESSARY TO GAIN ACCESS TO ALL ASBESTOS CONTAINING MATERIALS.
- PHASE WORK AREAS AS REQUIRED BY GENERAL CONTRACTOR AND THE VAMC.
- ASBESTOS WASTE BAG OUT MUST BE PERFORMED AFTER 5:00 PM ON WEEKDAYS AND/OR ON WEEKENDS ONLY.
- GENERAL CONTRACTOR TO REINSULATE ALL ASBESTOS INSULATION MATERIALS THAT HAVE BEEN REMOVED IN ACCORDANCE WITH SPECIFICATION SECTION 23 07 11.

100% SET ISSUE	07-14-2011
100% SET ISSUE	06-13-2011
100% SET ISSUED FOR REVIEW	05-27-2011
REVISED 30% SUBMISSION	03-04-2011
REVISED SIGN OFF	02-24-2011
30% REVIEW SET	11-11-2010
SCHEME 1, 2 AND 3	09-11-2010
EXISTING CONDITIONS	09-01-2010
Revisions:	Date

CONSULTANTS:



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Drawing Title
**THIRD FLOOR - EAST
ASBESTOS REMOVAL DETAIL**

Approved: Project Director

Project Title
**RADIOLOGY - CT
AT BROOKLYN CAMPUS
NEW YORK HARBOR
HEALTH CARE SYSTEM**

Location
BROOKLYN, NY

L/A PROJECT # **1284-00**
Date **05-27-11**

Checked
JR

Drawn
JL

Project Number
630A4-C51-103

Building Number
1

Drawing Number
HA 501

Dwg. 15 of 45

**Facilities
Management
Services**

