

GENERAL SHEET NOTES:

- REFER TO DWG. FA-001 FOR NOTES, SYMBOLS & ABBREVIATIONS.
- PROVIDE AND SUPPORT TEMPORARY FIRE ALARM DEVICES INCLUDING SMOKE DETECTORS, HORNS AND STROBES DURING CONSTRUCTION.
- ALL DEVICES SHOWN ARE EXISTING TO BE REMOVED UNLESS NOTED OTHERWISE.

SHEET KEYNOTES:

- REMOVE EXISTING UNDERFLOOR SMOKE DETECTORS, WIRING AND CONDUIT.
- ALL WORK SHOWN ON THIS PLAN RELATED TO PHASES 2 AND 3 AND EXISTING SYSTEMS/EQUIPMENT SHOWN TO BE DEMOLISHED THAT SPECIFICALLY SERVE THE BASEMENT COMPUTER ROOM AREA BELOW IS PART OF A PROJECT DEDUCT ALTERNATE. REFER TO SPECIFICATIONS AND ALL CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION AND PROJECT BIDDING REQUIREMENTS RELATED TO THE SCOPE OF WORK WITHIN THE POLICE AND OPERATOR'S ROOM FOR ALL TRADES.

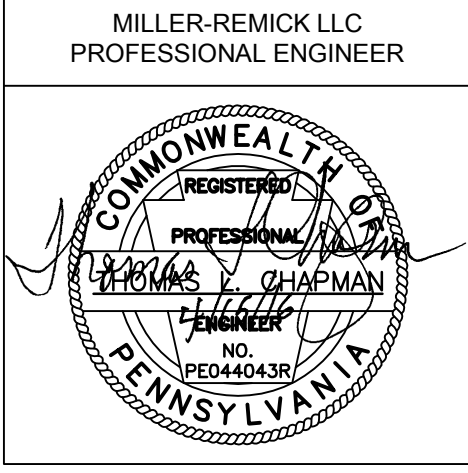
1 PARTIAL BASEMENT FIRE ALARM DEMOLITION PLAN
SCALE: 1/4"=1'-0"

CONSTRUCTION BID DOCUMENTS
FULLY SPRINKLERED

PRINTS OF THIS DRAWING SHALL NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER.		
NO.	DESCRIPTION	DATE

CONSULTANTS:

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MR PROJECT NO: 0499-015A

Drawing Title
**FIRE ALARM
PARTIAL BASEMENT PLAN
DEMOLITION**

Approved: Project Director

Project Title
**MODIFY MAIN ENTRANCE
BUILDING 1**

Location
VAMC PHILADELPHIA, PA

Date
04-15-2016

Checked
TC

Drawn
RB

Project Number
642-332

Building Number
1

Drawing Number
FD-100

Office of
Construction
and Facilities
Management





GENERAL SHEET NOTES:

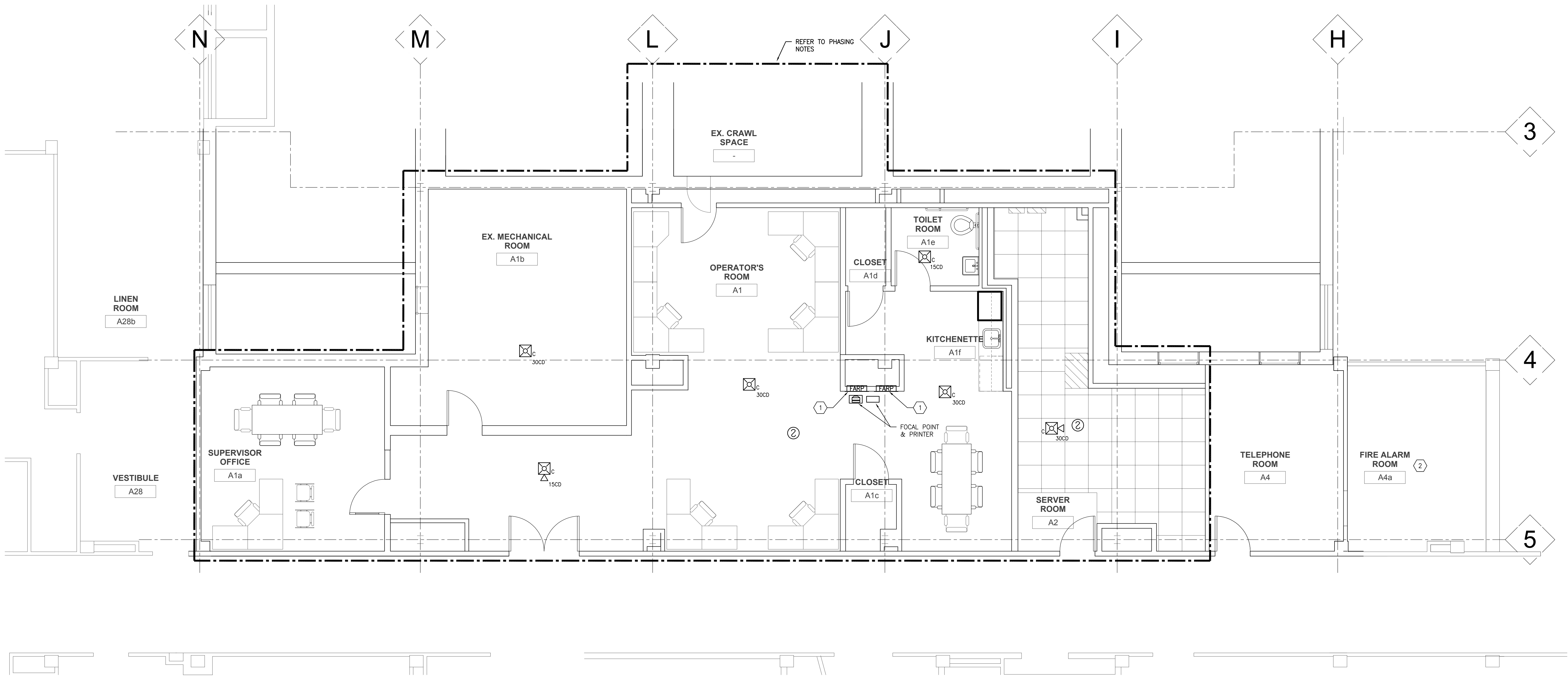
- REFER TO DRAWING FA-001 FOR FIRE ALARM SYMBOLS AND NOTES.
- FIRE ALARM CONTRACTOR SHALL COORDINATE PROGRAMING TO MATCH WITH FIRST FLOOR MONITORING.

SHEET KEYNOTES:

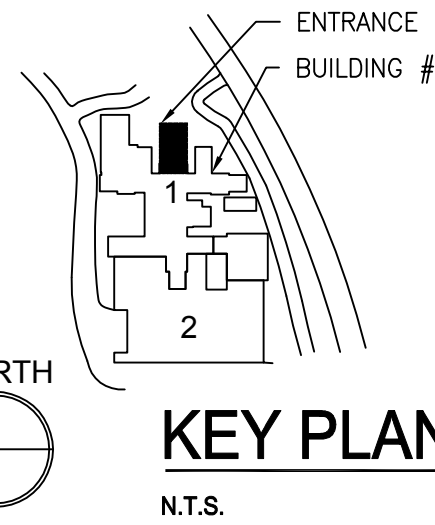
- NEW FIRE ALARM CONTROL PANELS SHALL MATCH EXISTING PANELS LOCATED ON FIRST FLOOR AND SHALL DUPLICATE SAME FUNCTIONS AS EXISTING. FIRE ALARM CONTRACTOR SHALL COORDINATE WIRING AS REQUIRED FOR COMPLETE DUPLICATE SYSTEM. REFER TO RISER DIAGRAM DWG. FA-001. ALL NEW FIRE ALARM EQUIPMENT SHALL BE FCI/GAMEWELL.
- LOCATION OF EXISTING MAIN FIRE ALARM EQUIPMENT.

PHASING/PROJECT SEQUENCING NOTES:

- PROJECT PHASING --
 - PHASE 0: SITE MOBILIZATION AND STAGING EFFORTS. REFER TO DRAWING C-000, CIVIL AND ARCHITECTURAL SITE PLANS AND GENERAL CONDITIONS SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
 - PHASE 1: CONSTRUCT THE NEW ADDITION AND RENOVATE THE BASEMENT COMPUTER ROOM. COMPLETE NEW ELECTRICAL, SECURITY AND COMMUNICATION SYSTEMS AND EXTEND TO NEW ENTRY ADDITION, ENTRY CORRIDORS AND BASEMENT COMPUTER ROOM AREA TO ALLOW FOR RELOCATION OF OPERATORS FROM FIRST FLOOR OPERATOR'S ROOM.
 - PHASE 2: RELOCATE OPERATORS TO BASEMENT AND RENOVATE FIRST FLOOR OPERATOR'S ROOM TO ALLOW FOR TEMPORARY USE OF NEW "UNASSIGNED SPACE" BY VA POLICE OPERATIONS.
 - PHASE 3: RELOCATE POLICE OPERATIONS TO UNASSIGNED SPACE WITH REMOTE SECURITY SCREEN AND ALL REQUIRED POLICE OBSERVATION FUNCTIONS/CONTROLS AND RENOVATE FIRST FLOOR VA POLICE OPERATIONS ROOM, MAINTAINING FULL PROTECTION AND CONTINUOUS OPERATION OF THE EXISTING TO REMAIN SECURITY EQUIPMENT (SCREENS AND RACKS) WITHIN AN ENCLOSED/COOLED ICRA ZONE.



1 PARTIAL BASEMENT ELECTRICAL -- FIRE ALARM
SCALE: 1/4" = 1'-0"



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FULLY SPRINKLERED

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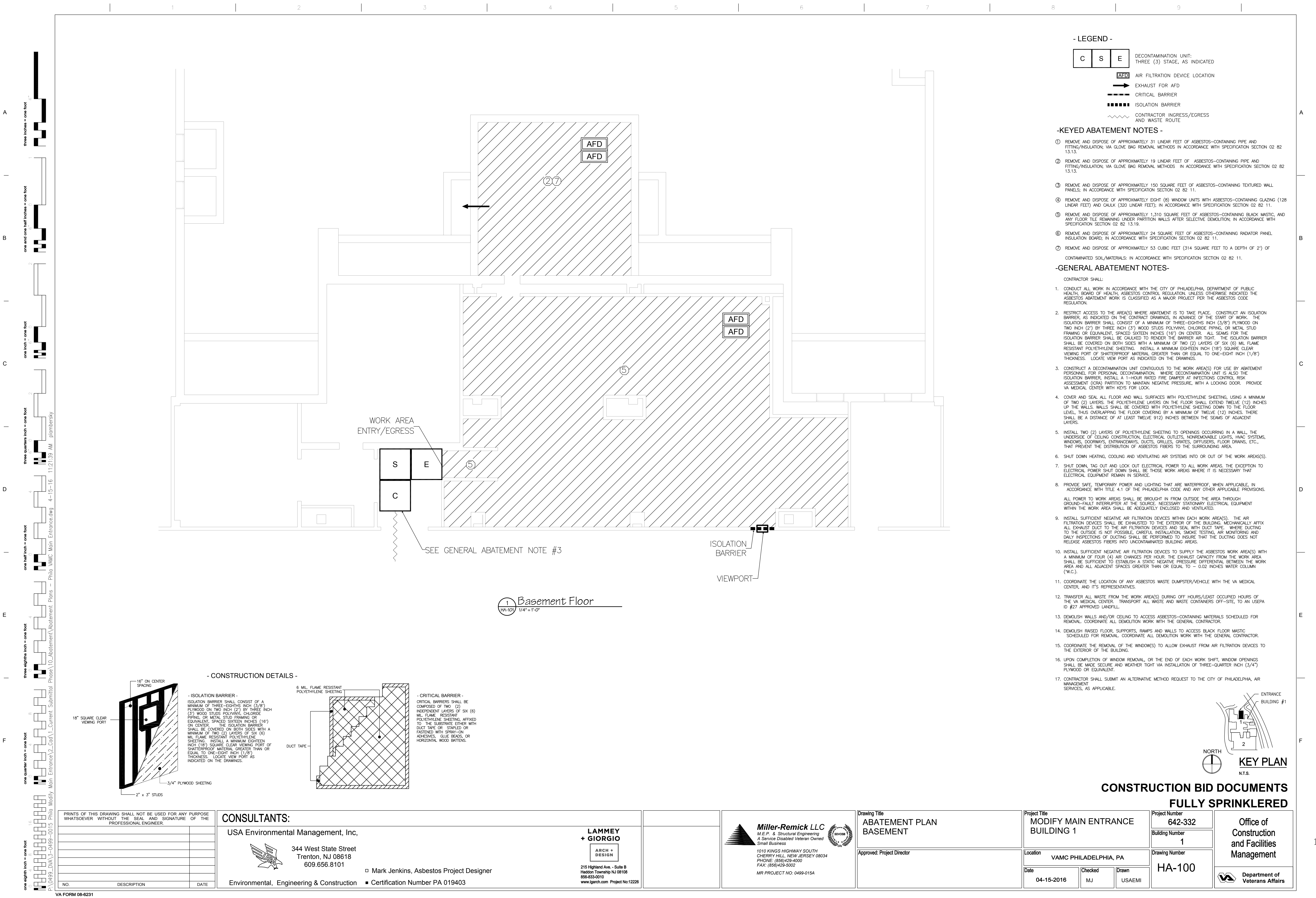
Drawing Title FIRE ALARM PARTIAL BASEMENT PLAN NEW WORK	
Approved: Project Director	

Project Title MODIFY MAIN ENTRANCE BUILDING 1	
Location VAMC PHILADELPHIA, PA	
Date 04-15-2016	Checked TC
Drawn RB	

Project Number 642-332
Building Number 1
Drawing Number FA-100

Office of
Construction
and Facilities
Management
 Department of
Veterans Affairs

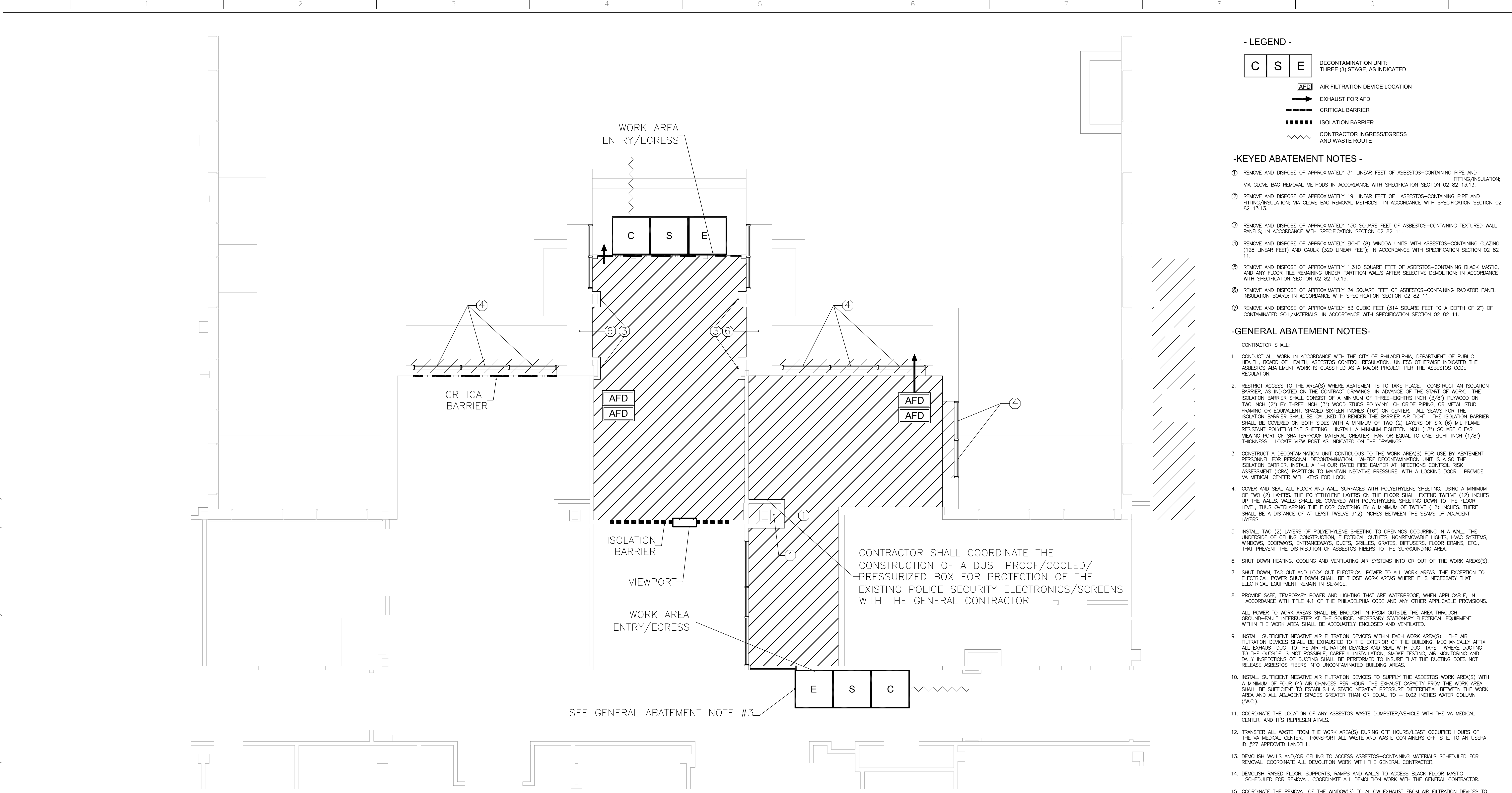




A
B
C
D
E
F

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

Pl:\04992_DWA\3-0499-0013 Phila Moddy Main Entrance\2_Coas\Current Submittal\Abatement Phase 10_Abatement Plans - Phila VAMC Main Entrance.dwg 4-15-16 11:21:45 AM jplombersky

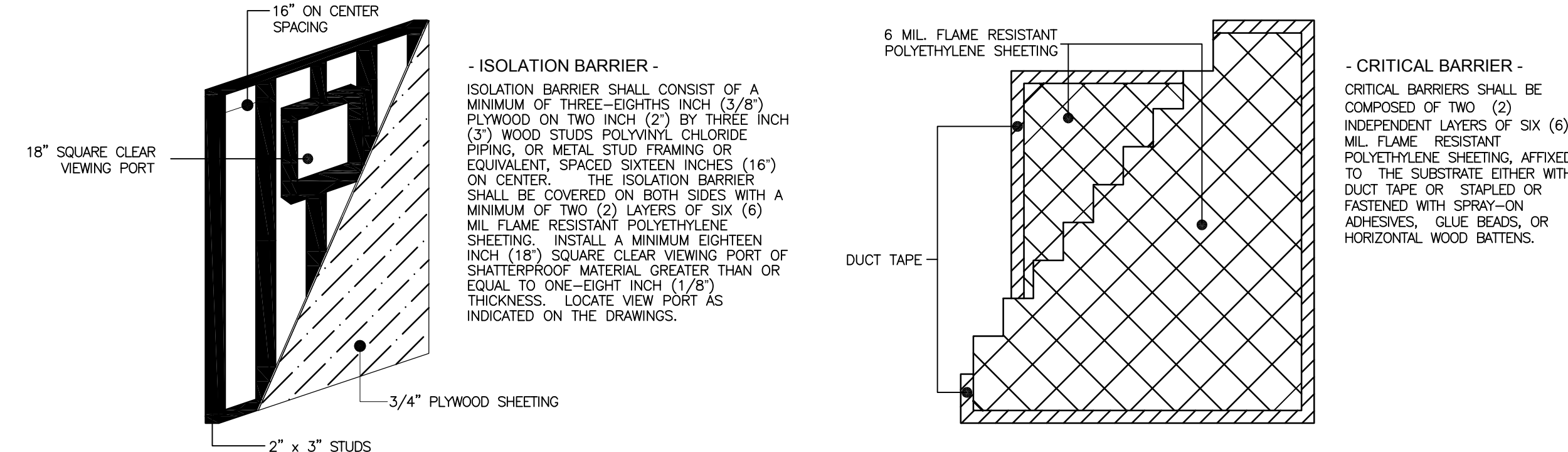


- LEGEND -
- | | | | |
|---|---|---|--|
| C | S | E | DECONTAMINATION UNIT:
THREE (3) STAGE, AS INDICATED |
|---|---|---|--|
- AFD AIR FILTRATION DEVICE LOCATION
- EXHAUST FOR AFD
- CRITICAL BARRIER
- ISOLATION BARRIER
- CONTRACTOR INGRESS/EGRESS
AND WASTE ROUTE

- KEYED ABATEMENT NOTES -
- REMOVE AND DISPOSE OF APPROXIMATELY 31 LINEAR FEET OF ASBESTOS-CONTAINING PIPE AND FITTING/INSULATION; VIA GLOVE BAG REMOVAL METHODS IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 13.13.
 - REMOVE AND DISPOSE OF APPROXIMATELY 19 LINEAR FEET OF ASBESTOS-CONTAINING PIPE AND FITTING/INSULATION; VIA GLOVE BAG REMOVAL METHODS IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 13.13.
 - REMOVE AND DISPOSE OF APPROXIMATELY 150 SQUARE FEET OF ASBESTOS-CONTAINING TEXTURED WALL PANELS, IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 11.
 - REMOVE AND DISPOSE OF APPROXIMATELY EIGHT (8) WINDOW UNITS WITH ASBESTOS-CONTAINING GLAZING (128 LINEAR FEET) AND CAULK (320 LINEAR FEET), IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 11.
 - REMOVE AND DISPOSE OF APPROXIMATELY 1,310 SQUARE FEET OF ASBESTOS-CONTAINING BLACK MASTIC, AND ANY FLOOR TILE REMAINING UNDER PARTITION WALLS AFTER SELECTIVE DEMOLITION; IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 13.19.
 - REMOVE AND DISPOSE OF APPROXIMATELY 24 SQUARE FEET OF ASBESTOS-CONTAINING RADIATOR PANEL INSULATION BOARD; IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 11.
 - REMOVE AND DISPOSE OF APPROXIMATELY 53 CUBIC FEET (314 SQUARE FEET TO A DEPTH OF 2") OF CONTAMINATED SOIL/MATERIALS; IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 11.

- GENERAL ABATEMENT NOTES-
- CONTRACTOR SHALL:
- CONDUCT ALL WORK IN ACCORDANCE WITH THE CITY OF PHILADELPHIA, DEPARTMENT OF PUBLIC HEALTH, BOARD OF HEALTH, REGULATIONS, UNLESS OTHERWISE INDICATED. THE ASBESTOS ABATEMENT WORK IS CLASSIFIED AS A MAJOR PROJECT PER THE ASBESTOS CODE REGULATION.
 - RESTRICT ACCESS TO THE AREA(S) WHERE ABATEMENT IS TO TAKE PLACE. CONSTRUCT AN ISOLATION BARRIER, AS INDICATED ON THE CONTRACT DRAWINGS, IN ADVANCE OF THE START OF WORK. THE ISOLATION BARRIER SHALL CONSIST OF A MINIMUM OF THREE-EIGHTHS (3/8") PLYWOOD ON TWO INCH (2") BY THREE INCH (3") WOOD STUDS POLYVINYL CHLORIDE PIPING, OR METAL STUD FRAMING OR EQUIVALENT, SPACED SIXTEEN INCHES (16") ON CENTER. ALL SEAMS FOR THE ISOLATION BARRIER SHALL BE CAULKED TO RENDER THE BARRIER AIR TIGHT. THE ISOLATION BARRIER SHALL BE COVERED ON BOTH SIDES WITH A MINIMUM OF TWO (2) LAYERS OF SIX (6) MIL FLAME RESISTANT POLYETHYLENE SHEETING. INSTALL A MINIMUM EIGHTEEN INCH (18") SQUARE CLEAR VIEWING PORT OF SHATTERPROOF MATERIAL GREATER THAN OR EQUAL TO ONE-EIGHT INCH (1/8") THICKNESS. LOCATE VIEW PORT AS INDICATED ON THE DRAWINGS.
 - CONSTRUCT A DECONTAMINATION UNIT CONTIGUOUS TO THE WORK AREA(S) FOR USE BY ABATEMENT PERSONNEL FOR PERSONAL DECONTAMINATION. WHERE DECONTAMINATION UNIT IS ALSO THE ISOLATION BARRIER, INSTALL A 1-HOUR RATED FIRE DAMPER AT INFECTIONS CONTROL, RISK ASSESSMENT (ICRA) PARTITION TO MAINTAIN NEGATIVE PRESSURE, WITH A LOCKING DOOR. PROVIDE VA MEDICAL CENTER WITH KEYS FOR LOCK.
 - COVER AND SEAL ALL FLOOR AND WALL SURFACES WITH POLYETHYLENE SHEETING, USING A MINIMUM OF TWO (2) LAYERS. THE POLYETHYLENE LAYERS ON THE FLOOR SHALL EXTEND TWELVE (12) INCHES UP THE WALLS. WALLS SHALL BE COVERED WITH POLYETHYLENE SHEETING DOWN TO THE FLOOR LEVEL, THUS OVERLAPPING THE FLOOR COVERING BY A MINIMUM OF TWELVE (12) INCHES. THERE SHALL BE A DISTANCE OF AT LEAST TWELVE (12) INCHES BETWEEN THE SEAMS OF ADJACENT LAYERS.
 - INSTALL TWO (2) LAYERS OF POLYETHYLENE SHEETING TO OPENINGS OCCURRING IN A WALL, THE UNDERSIDE OF CEILING CONSTRUCTION, ELECTRICAL OUTLETS, NONREMOVABLE LIGHTS, HVAC SYSTEMS, WINDOWS, DOORWAYS, ENTRANCEWAYS, DUCTS, GRILLES, GRATES, DIFFUSERS, FLOOR DRAINS, ETC., THAT PREVENT THE DISTRIBUTION OF ASBESTOS FIBERS TO THE SURROUNDING AREA.
 - SHUT DOWN HEATING, COOLING AND VENTILATING AIR SYSTEMS INTO OR OUT OF THE WORK AREA(S).
 - SHUT DOWN, TAG OUT AND LOCK OUT ELECTRICAL POWER TO ALL WORK AREAS. THE EXCEPTION TO ELECTRICAL POWER SHUT DOWN SHALL BE THOSE WORK AREAS WHERE IT IS NECESSARY THAT ELECTRICAL EQUIPMENT REMAIN IN SERVICE.
 - PROVIDE SAFE, TEMPORARY POWER AND LIGHTING THAT ARE WATERPROOF, WHEN APPLICABLE, IN ACCORDANCE WITH TITLE 4.1 OF THE PHILADELPHIA CODE AND ANY OTHER APPLICABLE PROVISIONS.
- ALL POWER TO WORK AREAS SHALL BE BROUGHT IN FROM OUTSIDE THE AREA THROUGH GROUND-FAULT INTERRUPTER AT THE SOURCE. NECESSARY STATIONARY ELECTRICAL EQUIPMENT WITHIN THE WORK AREA SHALL BE ADEQUATELY ENCLOSED AND VENTILATED.
- INSTALL SUFFICIENT NEGATIVE AIR FILTRATION DEVICES WITHIN EACH WORK AREA(S). THE AIR FILTRATION DEVICES SHALL BE EXHAUSTED TO THE EXTERIOR OF THE BUILDING. MECHANICALLY AFFIX ALL EXHAUST DUCT TO THE AIR FILTRATION DEVICES AND SEAL WITH DUCT TAPE. WHERE DUCTING TO THE OUTSIDE IS NOT POSSIBLE, CAREFUL INSTALLATION, SMOKE TESTING, AIR MONITORING AND DAILY INSPECTIONS OF DUCTING SHALL BE PERFORMED TO INSURE THAT THE DUCTING DOES NOT RELEASE ASBESTOS FIBERS INTO UNCONTAMINATED BUILDING AREAS.
 - INSTALL SUFFICIENT NEGATIVE AIR FILTRATION DEVICES TO SUPPLY THE ASBESTOS WORK AREA(S) WITH A MINIMUM OF FOUR (4) AIR CHANGES PER HOUR. THE EXHAUST CAPACITY FROM THE WORK AREA SHALL BE SUFFICIENT TO ESTABLISH A STATIC NEGATIVE PRESSURE DIFFERENTIAL BETWEEN THE WORK AREA AND ALL ADJACENT SPACES GREATER THAN OR EQUAL TO - 0.02 INCHES WATER COLUMN (W.C.).
 - COORDINATE THE LOCATION OF ANY ASBESTOS WASTE DUMPSTER/VEHICLE WITH THE VA MEDICAL CENTER, AND ITS REPRESENTATIVES.
 - TRANSFER ALL WASTE FROM THE WORK AREA(S) DURING OFF HOURS/LEAST OCCUPIED HOURS OF THE VA MEDICAL CENTER. TRANSPORT ALL WASTE AND WASTE CONTAINERS OFF-SITE, TO AN USEPA ID #27 APPROVED LANDFILL.
 - DEMOLISH WALLS AND/OR CEILING TO ACCESS ASBESTOS-CONTAINING MATERIALS SCHEDULED FOR REMOVAL. COORDINATE ALL DEMOLITION WORK WITH THE GENERAL CONTRACTOR.
 - DEMOLISH RAISED FLOOR, SUPPORTS, RAMPS AND WALLS TO ACCESS BLACK FLOOR MASTIC SCHEDULED FOR REMOVAL. COORDINATE ALL DEMOLITION WORK WITH THE GENERAL CONTRACTOR.
 - COORDINATE THE REMOVAL OF THE WINDOW(S) TO ALLOW EXHAUST FROM AIR FILTRATION DEVICES TO THE EXTERIOR OF THE BUILDING.
 - UPON COMPLETION OF WINDOW REMOVAL, OR THE END OF EACH WORK SHIFT, WINDOW OPENINGS SHALL BE MADE SECURE AND WEATHER TIGHT VIA INSTALLATION OF THREE-QUARTER INCH (3/4") PLYWOOD OR EQUIVALENT.
 - CONTRACTOR SHALL SUBMIT AN ALTERNATIVE METHOD REQUEST TO THE CITY OF PHILADELPHIA, AIR MANAGEMENT SERVICES, AS APPLICABLE.

- CONSTRUCTION DETAILS -



1 First Floor
HA-102 1/4" = 1'-0"

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NO.	DESCRIPTION	DATE

CONSULTANTS:

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ARCH + DESIGN

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www.lgarch.com Project No:12228

Mark Jenkins, Asbestos Project Designer

Certification Number PA 019403

Environmental, Engineering & Construction

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	Approved: Project Director	Location VAMC PHILADELPHIA, PA	Building Number 1	
Date 04-15-2016		Checked MJ	Drawn USAEMI	