

1 FOUNDATION ASBESTOS ABATEMENT PLAN
 45-HA-1 SCALE: 1/8" = 1'-0"

ASBESTOS ABATEMENT LEGEND:

- PIPE INSULATION TO BE REMOVED.
- RESIDUAL ROOF FLASHING TO BE REMOVED. (UNDERNEATH EXISTING EPDM ROOF)
- CAULK TO BE REMOVED.
- TENT ENCLOSURE
- AIRLOCK
- HEPA - FILTERED NEGATIVE AIR MACHINE.

GENERAL NOTES:

1. Asbestos abatement shall be performed in accordance with the specification and applicable regulations. Personnel holding current Commonwealth of Massachusetts Department of Occupational Safety (CMDOS) asbestos handler's certificates shall perform the work. Additionally, the Contractor must employ CMDOS certified supervisors to be on the work site for all abatement activities. The contractor must

2. Contractor is responsible for removal and disposal of all asbestos-containing materials and asbestos-contaminated materials within the specified areas.
3. Contractor is responsible for verification of all quantities of asbestos-containing materials.
4. Contractor is responsible for precleaning any existing asbestos contamination, dust and debris within the removal areas.
5. Contractor is responsible for maintaining the integrity of building finishes. The contractor shall repair any and all damages caused by abatement activities or his personnel.
6. Contractor is solely responsible for all means, methods, techniques, sequences and procedures and for coordinating all portions of the scope of work under this contract.
7. Work will be phased to accommodate VAMC facility requirements. Work will be performed during normal hours, off-hours, weekends and at night at no additional cost to the VAMC.

8. The project shall be filed with the Commonwealth of Massachusetts.
9. The HEPA-filtered negative air machines used to filter the air within the tent enclosures shall be exhausted to the exterior of the building.

ASBESTOS ABATEMENT NOTES:

1. The Contractor is to remove the asbestos-containing materials (ACM's) in accordance with the Commonwealth of Massachusetts asbestos regulations (310CMR7 and 453CMR6 et al), the VAMC specification and applicable federal regulations (USEPA and OSHA). Where there is an overlap the most stringent regulation shall apply.
2. Building 45 is undergoing a renovation that affects both the interior and exterior of the building. ACM's must be removed to allow for the renovation. ACM's include but are not limited to pipe fitting insulation, pipe insulation, caulk (coping stone, counter flashing, cap flashing, and masonry), electrical arc shields, damp proofing and roof flashing. The roof flashing is located underneath the EPDM roof. There are areas where masonry will be demolished as ACM to access the underlying asbestos pipe insulation. The contractor shall also remove any debris as ACM that is present.
3. Pipe insulation and pipe fitting insulation removal shall be performed in accordance with 310 CMR 7.15(9). Additionally, the asbestos

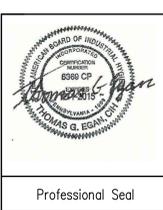
4. The roof flashing is residual from the old roof that is present under the new EPDM roof. Asbestos roof flashing is present on or around the roof drains, masonry, stanchions, downspouts, roof curbs, exhaust ducts, vent pipes, HVAC equipment pads, roof hatches, mechanical equipment, structural members, electrical equipment, pitch pockets, gravel stops, parapets, patches and repairs. Asbestos roof flashing must be removed from these materials and where ever else it is encountered. The EPDM roof shall be removed and disposed of as construction debris to expose the underlying roof flashing. The roof flashing shall be removed down to the structural substrate.
5. Roofing removal shall be performed in accordance with 310 CMR 7.15(10). The asbestos abatement contractor shall coordinate his work with the general contractor so that the building is not left open to water damage and inclement weather. The work area shall be an area demarcated with "Danger-Asbestos" signs and red warning tape placed

6. The contractor shall comply with all regulations concerning OSHA fall protection. Additionally, the contractor is further advised that there is a low parapet on the roofs.
7. HVAC intakes and exhausts, vents and drains that cannot be shut off or sealed with two (2) layers of 6-mil plastic sheeting must be extended using an airtight rigid sheathing to a minimum height of ten feet (10') above the work area during roof abatement.
8. The contractor shall coordinate the location of his remote personnel and waste decontamination unit(s), and waste dumpster with the V.A. Engineer at the preconstruction meeting.
9. The contractor shall be responsible for any and all damages resulting from asbestos abatement activities.

10. All utilities, mechanical systems and piping shall be locked out and tagged before the contractor is to begin abatement activities. Mechanical and electrical systems, which cannot be locked out and tagged, shall be protected and supported throughout asbestos abatement activities. The contractor is to coordinate the removal of the electrical arc shields with the installation of the new electrical equipment so that the building is not left without electricity.
11. In areas of public access, the contractor shall erect isolation barriers that separate the work areas from the remainder of the building. The barriers shall be constructed of a fire retardant sheathing material of at least 1/2" thickness. The isolation barrier shall be plasticized with two (2) layers of 6-mil plastic sheeting. The isolation barriers shall be caulked at the sheathing seams and where the sheathing meets the floor, walls and ceiling. The isolation barrier shall be constructed using 2"x4" framing, 16 inches center-to-center, and caulked at all seams. All utilities and piping shall be locked out and tagged before the contractor is to begin abatement activities.

Final-Issued For Construction	08/29/16
Revisions	Date

ASBESTOS ABATEMENT CONSULTANT:
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 14 HIGH STREET, MAHWAH, NEW JERSEY 07430
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DCS INFRASTRUCTURE, LLC
 DESIGN & CONSTRUCTION SERVICES

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 PORT JEFFERSON, N.Y. 11777
 631-320-1706

1756 BON OX ROAD
 NEW OXFORD, PA 17350
 717-634-6876

Drawing Title
FOUNDATION ASBESTOS ABATEMENT PLAN

Approved: _____

Approved: _____

Project Title
VISN 1 FCA Laundry Building 45 Upgrade

Building Number
45

Location
VAMC Brockton Campus

Checked
 DS/KF

Drawn
 TE

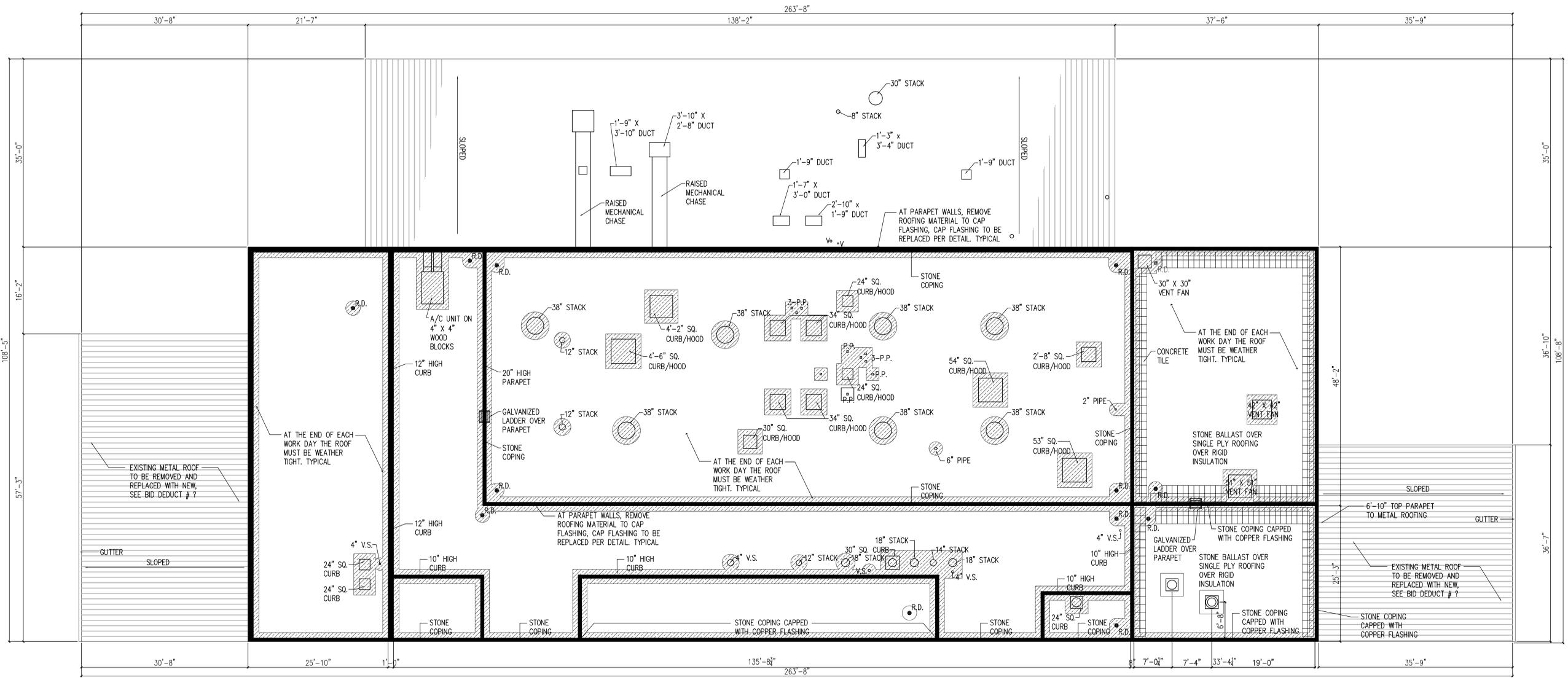
Date
August 29, 2016

Project No.
523A5-10-316

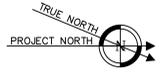
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FINAL-ISSUED FOR CONSTRUCTION
Fully Sprinklered

VA BOSTON HEALTHCARE
 Department of Veterans Affairs



1 ROOF ASBESTOS ABATEMENT PLAN
 45-HA-2 SCALE: 1/8" = 1'-0"



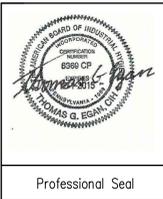
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