

SCOPE OF WORK:

1. Adhere to all OSHA safety requirements, including but not limited to installing fall protection, according to OSHA Standards.
2. The entire roofing system of each building, illustrated and detailed in contract drawings, shall be treated as ACM and properly abated in accordance with all applicable regulations. Remove all roofing down to the roof deck and replace with new liquid applied roofing system. Install new guardrails and ladders where indicated, in contract drawings.
3. Install temporary roofing after hot material removal.
4. Remove all coping stone/tile caps (if applicable) and replace with new if damaged beyond repair. Repair if necessary. Reinstall coping caps securely on top of brick parapet wall as per drawing detail.
5. Repair and/or fill and seal damage in parapet wall with mortar. Replace damaged bricks if necessary.
6. Repair/replace all flashing under current coping stones (if applicable) to be installed under newly installed coping caps.
7. Unclog and snake all roof drains to the basement.
8. Re-insulate the drain sleeves up to the elbow, after abatement is complete.
9. Temporarily de-energize, remove all necessary roof equipment and/or electrical/mechanical systems (not limited to units shown on drawings) and replace/reinstall upon installation of new roofing system.
11. Demolish and remove from the field the entire existing roofing system to the concrete/metal deck.
11. Inspect the concrete/metal deck and patch/repair as necessary and properly prepare for membrane installation.
12. Install new cast iron drains and lower as required to create a proper pitch.
13. Install rigid and tapered insulation to create a proper pitch to the roof drains.
14. Adhere ½" cement cover board using InstaStick Foam Adhesive (or approved equal).
15. Strip all joints using resin saturated 4" fleece.
16. Prime with Kemperite EP Primer (or approved equal primer that will properly bond to chosen liquid roofing system's material, throughout 20 year warranty of roof) and spread kiln dried silica sand into the wet aggregate.
17. Apply Kemperol 2K-PUR/165 (or approved equal that is easy to clean, highly durable, waterproof/airtight & leak free throughout 20 year warranty of roof) on flashings, penetrations, drains and the field.
18. Remove any and all existing traffic pads and replace with rugged non-slip painted walkway, as indicated on contract drawings.
19. Remove, clean, prep, and install new caulk for all coping caps on roof perimeter.
20. Coat all flashing seams with flashing bond and mesh.
21. Install construction fence around the building roof's perimeter, to ensure safety of materials and personnel on roof.
22. Asbestos-containing roof flashing and caulking materials must be abated to facilitate the replacement of the roof. All roofing materials shall be treated as asbestos-containing materials (ACM), including but not limited to: roof field; roof perimeter and curb flashing; caulking on metal vent caps; coping stone caulking; louvre caulking; HVAC unit mastic/flashing; roof hatch flashing; roof drain flashing; mastic at base of fencing; pitch pocket mastic; and all vermiculite containing material.
23. The Contractor is to abate the ACM in accordance with New York State Department of Labor (NYS DOL) Industrial Code Rule 56 (12 NYCRR Part 56), the VAMC specification and applicable federal regulations.
24. The entire roof shall be considered the asbestos abatement work area. Only NYSDOL certified asbestos workers and authorized visitors shall be permitted in the roof work area during abatement. A minimum distance of twenty-five feet (25') shall be maintained between the asbestos work area and adjacent nonasbestos work areas.
25. Roof work areas shall not require clearance air samples. The roof will be considered abated when there is no visible debris or dust remaining and the project monitor has performed a successful visual inspection.
26. The location of the remote decontamination units and waste dumpster shall be mutually agreed upon during the preconstruction meeting by the VAMC and asbestos abatement contractor.
27. The asbestos abatement work shall be carefully coordinated with the roofing replacement so that the building is not left exposed to water damage. At no time shall more roofing material be removed than what can be replaced in one (1) day.
28. The contractor shall be responsible for any and all damages resulting from asbestos abatement activities.
29. The contractor shall comply with all regulations concerning OSHA fall protection.
30. HVAC intakes and exhausts, vents and drains that cannot be shutoff 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.
31. All work area decontamination units (personal and waste) shall be fully framed and sheathed because they will be located in areas of public access.
32. All utilities, mechanical systems and piping shall be locked out and tagged before the contractor is to begin abatement activities.
33. Proper construction and safety signage shall be utilized throughout the construction site, where applicable, during work.
34. All associated debris and waste must be properly disposed of immediately. Storage of construction debris and waste, on the facility, is prohibited unless otherwise authorized by the VA.
35. Contractor shall provide "As-Built" drawings, as per contract specification.
36. All construction must comply with the latest NFPA 101 Life Safety, NFPA 99 Health Care Facilities.
37. All work must fully comply with contract drawings and specifications.

DEMOLITION NOTES

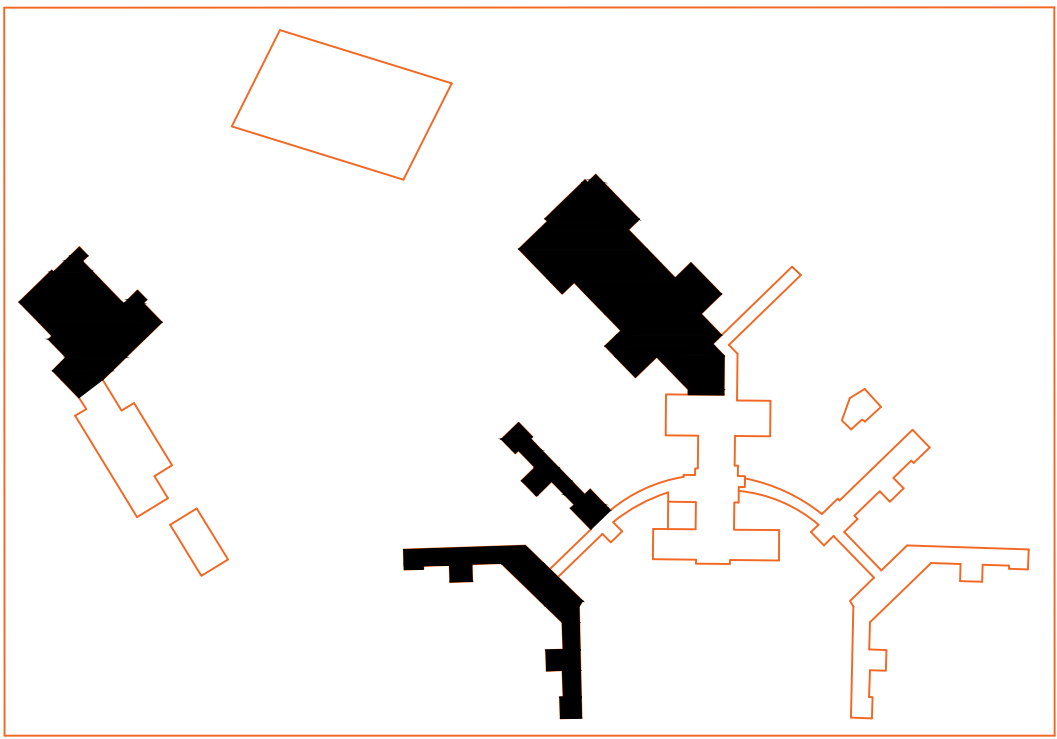
- 1) REMOVE THE ENTIRE ROOFING SYSTEM TO THE CONCRETE/METAL DECK, INCLUDING ANY AND ALL UNDERLYING LAYERS. REMOVE THE EXISTING TAPERED INSULATION, MULTI-PLY BUILT-UP ROOFING, CANT STRIPS, ALL FLASHING, VAPOR BARRIER BITUMINOUS SHEETS, GRAVEL STOPS, BALLAST/GRAVEL, MOSS/ORGANIC MATERIAL, FASCIA, ETC...
- 2) REMOVE ALL EXISTING ROOF DRAINS, DRAIN ASSEMBLIES, AND DRAIN SLEEVES. DURING DEMOLITION, REMOVAL, AND INSTALLATION OF NEW DRAINS, PROVIDE TEMPORARY PLUGS IN ROOF DRAINS TO PREVENT CLOGGING FROM DEBRIS. REMOVE PLUGS AFTER WORK DAY AND REINSTALL WHEN CONSTRUCTION RESUMES. CONTRACTOR SHALL REPLACE ALL ROOF DRAINS WITH NEW CAST IRON DRAINS, DRAIN ASSEMBLIES, AND DRAIN SLEEVES. LOWER DRAINS AS MUCH AS POSSIBLE TO ACHIEVE REQUIRED ROOF SLOPE. ALL DRAINS SHALL BE TESTED FOR PROPER OPERATION.
- 3) CONTRACTOR SHALL DE-ENERGIZE AND REMOVE ANY AND ALL EXISTING MOUNTED OBJECTS ON ROOFS. OBJECTS INCLUDING, BUT NOT LIMITED TO, SOLAR PANELS, CONDUITS, CABLES, ETC... CONTRACTOR SHALL PREPARE SUBSTRATE IN ACCORDANCE WITH ROOFING SYSTEM SPECS, TO INCLUDE CLEANING OF DIRT, OIL, RESIDUE, AND SCARIFICATION.
- 4) THROUGHOUT DURATION OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE SIDEWALK PROTECTION, PER OSHA REGULATIONS, TO PREVENT DEBRIS FROM FALLING ONTO PEDESTRIANS BELOW.
- 5) ALL CONDITIONS AND DIMENSIONS, BEFORE, DURING AND AFTER DEMOLITION, SHALL BE FIELD VERIFIED BY CONTRACTOR. ALL INFORMATION SHOWN ON DRAWINGS ARE FOR REFERENCE ONLY & ARE NOT TO SCALE.
- 6) ANY AND ALL DAMAGES, TO THE FACILITY, RESULTING FROM THE CONTRACTOR SHALL BE REPAIRED OR REPLACED, BY THE CONTRACTOR, AT NO COST TO THE GOVERNMENT.

PHASING NOTES

- 1) ALL ROOFS, AND ITS NECESSARY ASSOCIATED COMPONENTS, MUST BE FULLY SAMPLED AND TESTED PRIOR TO ASBESTOS ABATEMENT, DEMOLITION AND/OR INSTALLATION OF NEW ROOFING SYSTEM.
- 2) UPON COMPLETION OF ACM TESTING, ONE ROOF IS TO BE WORKED ON AT A TIME UNTIL FULLY COMPLETED. CONTRACTOR SHALL ONLY REMOVE THE AMOUNT OF ROOFING AREA IN WHICH THEY ARE ABLE TO COMPLETELY SEAL BY COB THAT SAME DAY.
- 3) ALL ASBESTOS ABATEMENT MUST BE CONDUCTED AND FULLY COMPLETED PRIOR TO DEMOLITION OF ANY ROOF.
- 4) ROOF PRIORITY:
 - BUILDING 88
 - BUILDING 85
 - BUILDING 86
 - BUILDING 65
 - BUILDING 87

NEW WORK NOTES

- 1) PATCH, REPAIR, AND CLEAN ALL DAMAGED CONCRETE/METAL DECK AND PREPARE AREA FOR INSTALLATION OF NEW LIQUID APPLIED ROOFING SYSTEM WITH TAPERED INSULATION. CONTRACTOR SHALL PREPARE SUBSTRATE IN ACCORDANCE WITH ROOFING SYSTEM SPECS, TO INCLUDE CLEANING OF DIRT, OIL, RESIDUE, AND SCARIFICATION.
- 2) CONTRACTOR SHALL CLEAN AND RE-CAULK ALL INDICATED COPING STONES ALONG ROOF PERIMETER.
- 3) NEW ROOFING SYSTEM SHALL CONSIST OF A SUITABLE PRIMER APPLIED TO THE DECK SUBSTRATE, FOAM INSULATION (AT LEAST 3" THICK, ADHESIVE, COVER BOARD, KEMPERTEC PRIMER (O.A.E.), KEMPEROL 2K-PUR MEMBRANE (O.A.E.), AND KEMPERDUR COOL WHITE COATING (O.A.E.).
- 4) REPLACEMENT LADDERS (DOUBLE SIDED) SHALL BE INSTALLED WHERE INDICATED. PARAPET SURFACE, TO BE STEPPED ON WHILE USING LADDER, SHALL BE REINFORCED WITH NON-SLIP PAINT.
- 5) INSTALL PERMANENT SAFETY RAILING AROUND PERIMETER OF ROOF TO PREVENT PERSONNEL FROM FALLING, WHERE INDICATED. SAFETY RAILING SHALL BE MADE OF STEEL PIPING AND BE ANCHORED TO ROOF/BUILDING. RAILING SHALL BE COATED W/ WEATHERPROOFING PAINT. PROVIDE PE STAMPED SHOP DRAWINGS FOR APPROVAL.
- 6) ALL WALKPADS SHALL BE REPLACED WITH PAINTED WEATHERPROOF NON-SLIP WALKWAY, WHERE INDICATED.
- 7) ALL NEW LIQUID APPLIED ROOFING SYSTEMS SHALL HAVE 20 YEAR WARRANTY. ALL NEW ROOFING MUST BE PITCHED TO DRAINS AT A MINIMUM OF 1/8 INCHES PER FOOT SLOPE.

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