

Air Duct *Services* & Restoration

HVAC Cleaning * Mold Remediation
Flood & Fire Restoration

Video Inspection Report

Proposal Submitted to:	Habeeb & Associates 150 Longwater Drive Norwell, MA 02061
Attention:	Ms. Elizabeth Lewis
Phone:	781.871.9804
Email:	elewis@habeebarch.com
Job Name:	Springfield Court House Juvenile Court
Service Location:	80 State St. Springfield, MA 01103
Date:	November 26, 2021

Dear Elizabeth,

Beginning on September 30th, 2021 we began inspecting the HVAC systems at the above mentioned location, this inspection includes video and/or pictures of all accessible supply and return ducts utilizing access doors and any other duct openings that were in place to perform the inspection.

In the pictures and videos included with this document you will find them labeled under the unit it is associated with, and what part of the HVAC system it handles:

RTU-1

RTU-1 is located in on the roof and drops down to feed multiple heat pumps located in the attic space. Access was extremely limited and only motor section and coils could be inspected.

RTU-2

RTU-2 is located in on the roof and drops down to feed multiple heat pumps located in the attic space. Access was extremely limited and only motor section and coils could be inspected.

RTU-3

RTU-3 is located in on the roof and drops down to feed multiple heat pumps located in the attic space. Access was extremely limited and only motor section and coils could be inspected.

AHU-14

AHU-14 is located in the basement of the building in room B03, this unit looks to be a newer unit and it was not listed on the drawings. It also has very minimal duct work to include a supply and return that both run into the ceiling of B10. We inspected both parts and it is pretty clean compared to the other units in the building.

HP-1

HP-1 is located in the basement of the building. This system controls the basement waiting areas and cells in the basement level. We inspected all accessible supply and return duct work throughout this system. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-2

HP-2 is located in the basement of the building. This system controls the 1st Floor Juvenile Court Room 2. We inspected all accessible supply and return duct work throughout this system. Through video and pictures we found both the supply and return ductwork to have a decent

amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-3

HP-3 is located in the basement of the building. This system controls the 1st Floor Juvenile Clerks Office. We inspected all accessible supply and return duct work throughout this system. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-4

HP-4 is located in the basement of the building. This system controls the basement probation offices. We inspected all accessible supply and return duct work throughout this system. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-5

HP-5 is located in the basement of the building. This system controls Basement DA's Office. We inspected all accessible supply and return duct work throughout this system. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-6

HP-6 is located in the basement of the building. This system controls the Housing Clerks Office. We inspected all accessible supply and return duct work throughout this system. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-7

HP-7 is located in the 3rd floor attic space. This system controls the 2nd floor juvenile probation area. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels and from the 2nd floor. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which

is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-8

HP-8 is located in the 3rd floor attic space. This system controls the Juvenile Probate area on the 3rd floor. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels and from the 3rd floor. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-9

HP-9 is located in the 3rd floor attic space. This system controls the Juvenile Court Room 1. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels. No access was available from within the court rooms due to linear diffusers and motion sensors. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-9A

HP-9A is located in the 3rd floor attic space. This system controls the Juvenile Court Room 1. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels. No access was available from within the court rooms due to linear diffusers and motion sensors. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-10

HP-10 is located in the 3rd floor attic space. This system controls the Housing Court Room 1. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels. No access was available from within the court rooms due to linear diffusers and motion sensors. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-10A

HP-10A is located in the 3rd floor attic space. This system controls the Housing Court Room 1. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels. No access was available from within the court rooms due to linear diffusers and motion sensors. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-11

HP-11 is located in the 3rd floor attic space. This system controls the Housing Court Offices on the 2nd floor. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-12

HP-12 is located in the 3rd floor attic space. This system controls Housing Court Room 2. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels. No access was available from within the court rooms due to linear diffusers and motion sensors. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

HP-13

HP-13 is located in the 3rd floor attic space. This system controls the Housing Clinic. We inspected all accessible supply and return duct work throughout this system to include from the attic space using existing access panels and from the 3rd floor using supply and return registers and other openings. Through video and pictures we found both the supply and return ductwork to have a decent amount of debris, which is to be expected for a building of this age. Some parts of the system are also internally lined; the insulation itself was mostly intact, but definitely and should be cleaned and coated where accessible.

Summary of Inspection

To summarize the inspection completed I feel and the video/pictures will show a good portion of all systems have a decent amount of debris, which is to be expected given the age of the building. All systems should be cleaned and insulation coated, as well as some minor repairs of the insulation may be required where minimal separation may exist. Throughout our entire process no visible mold growth was found inside the duct work but this does not guarantee mold is not present as it is not always visible to the naked eye.

Please feel free to contact me with any other questions or concerns.

*Sincerely,
Mike Ryberg*

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