

A photograph of the Attleboro Public Library building, a large, ornate, classical-style structure with a prominent portico supported by columns. The building is light-colored with a green roof. A large tree is on the left, and a person is sitting on a bench in the foreground. The text is overlaid on the image.

Attleboro Public Library

Building Envelope Repair and Mechanical System Upgrade

Update for Municipal Building Commission

July 1, 2020

Original Building 1907



Addition 1992



Project Scope

Building Envelope - Repairs

Roofing

Masonry

Windows

Cast Iron Balconies

HVAC - Replacement

Heating and Cooling

Ventilation

2018 Report and Cost Estimate

\$5.4M Estimated Construction Cost



ATTLEBORO PUBLIC LIBRARY

Existing Conditions and Cost Estimate Report

bh+a

Bargmann Hendrie + Archetype, Inc.

Schedule

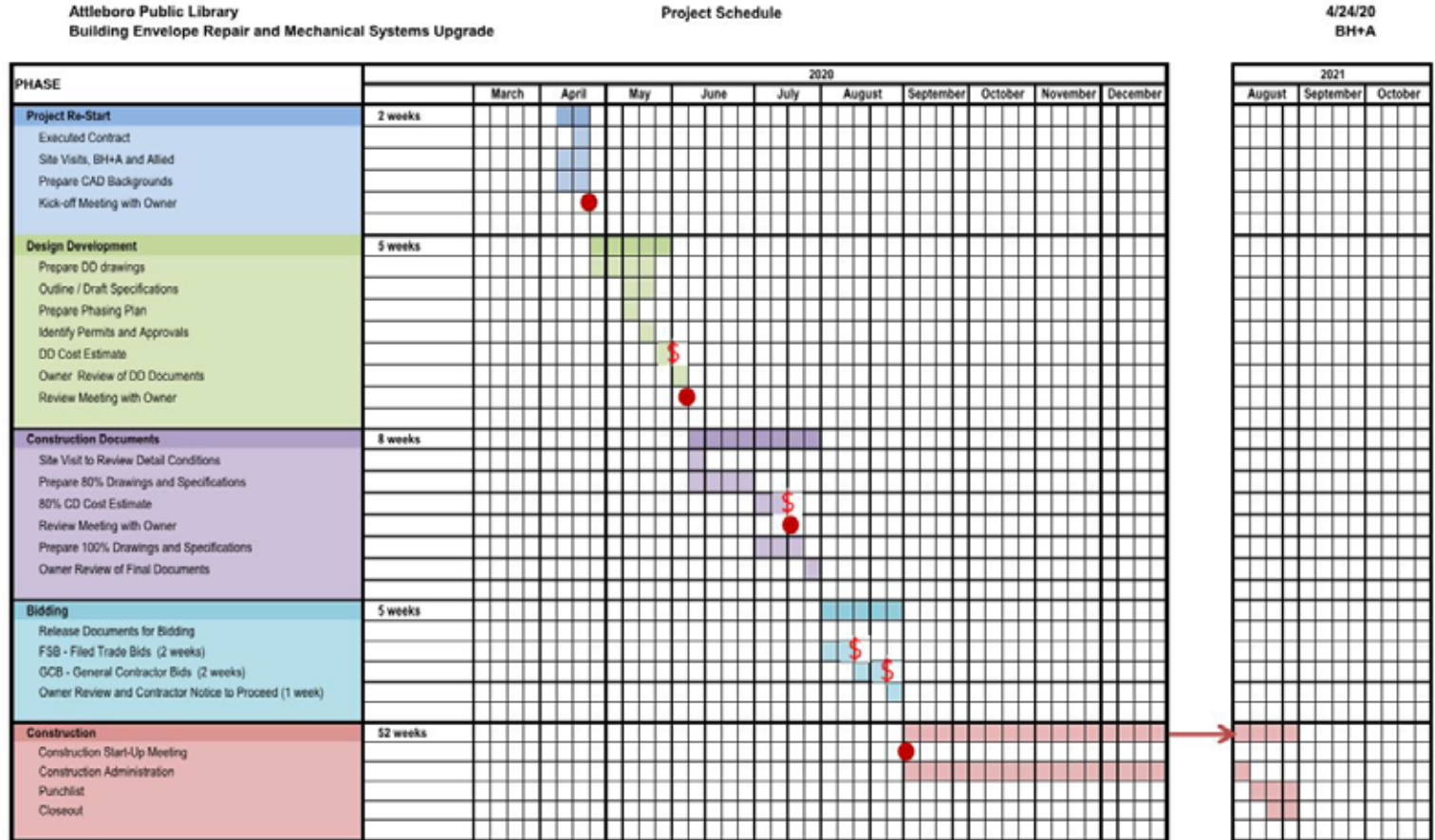
7/15/20 80% Cost Estimate

7/31/20 Bid Docs Complete

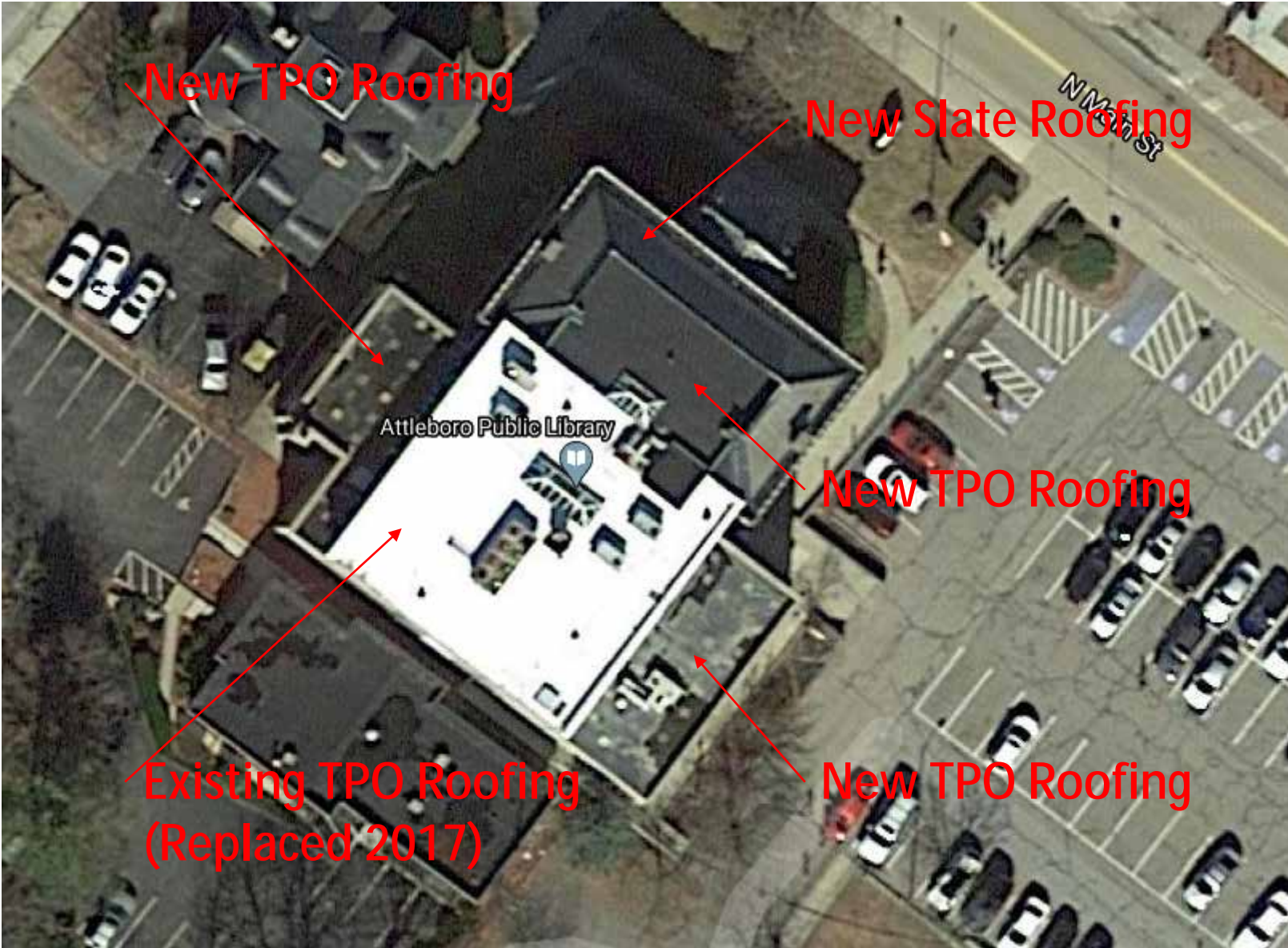
8/1/20 - 8/31/20 Bidding

Sept. 2020 Contract Award

Oct. 2020 - July 2021 Construction



Roofs



Roofs



Roofs



Roofs



Masonry



Masonry and Cast Iron



Masonry



Masonry



Masonry



Windows



Windows



Windows



Mechanical

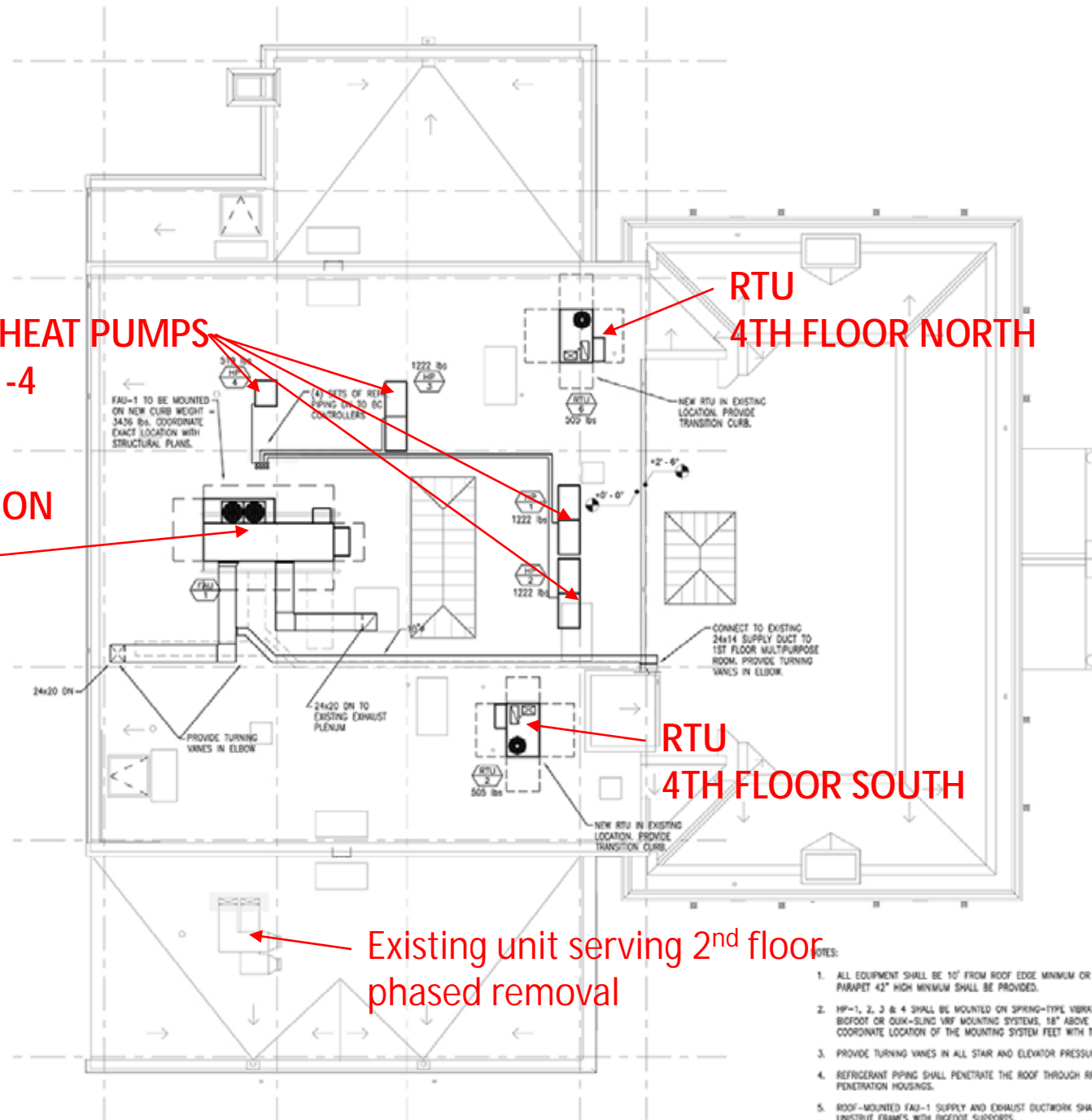
VRF SYSTEM HEAT PUMPS
FOR LEVELS 1-4

VENTILATION
UNIT

RTU
4TH FLOOR NORTH

RTU
4TH FLOOR SOUTH

Existing unit serving 2nd floor
phased removal



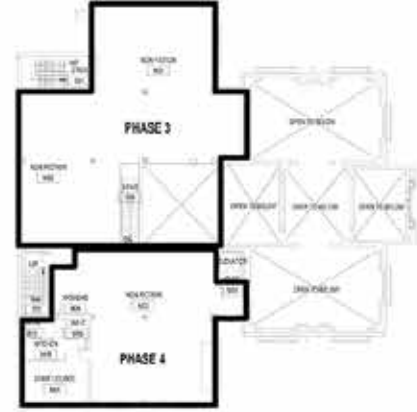
Mechanical



2 FIRST FLOOR PLAN
1/8" = 1'-0"



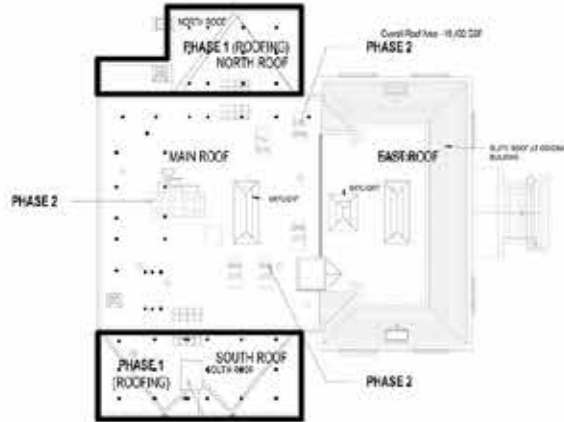
4 SECOND FLOOR PLAN
1/8" = 1'-0"



5 THIRD FLOOR PLAN
1/8" = 1'-0"



1 FOURTH FLOOR PLAN
1/8" = 1'-0"



3 ROOF PLAN
1/8" = 1'-0"

GENERAL NOTES PHASING PLANS

- 01. THE LIBRARY WILL BE OCCUPIED DURING CONSTRUCTION. THESE PHASES OR PHASING THAT WILL ALLOW SOME AREAS TO BE OCCUPIED BY THE CONTRACTOR FOR A PORTION OF TIME, SPECIFICALLY FOR MECHANICAL WORK. THE CONTRACTOR IS TO PROVIDE A WORK PLAN TO SHOW HOW THE WORK WILL BE PHASED AND INCLUDING TRACES FOR THE FULL PROJECT.
- 02. EXISTING HEATING, COOLING AND VENTILATION ARE TO BE MAINTAINED THROUGHOUT THE BUILDING. RECONNECTED ONLY AT EACH PHASE AS NECESSARY IS CONNECTED.
- 03. EDGE AREAS WITH FINISH WORK ARE NOT TO BE PART OF A PHASED CONSTRUCTION AREA. THESE AREAS ARE TO BE DONE WITH THE RELATED PHASE, BUT GOVERNED TO ALLOW FOR ON-DUTY ACCESS.
- 04. LIBRARY SHELVING, BOOKS AND OVERHEAD RIGS WILL REMAIN IN PLACE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A PROTECTIVE PLAN AND PROTECTIVE BARRIERS FROM CONSTRUCTION ACTIVITY. INCLUDE BARRIERS AT THE BOUNDARIES OF WORK AREAS TO CLUSE OFF FROM THE PUBLIC AND STAFF. THE OWNER WILL REMOVE COMPLETE AND OVERLAPSE EQUIPMENT FROM SPACES INSIDE THE CONSTRUCTION WORK.
- 05. CIRCULATION ROUTES AND EXPRESS ENTRY TO BE MAINTAINED. WORK AT AREAS THAT ARE NOT PART OF CONTRACTOR ENCLOSURE ARE TO BE SCHEDULED FOR WHEN THE LIBRARY IS CLOSED.
- 06. ACCESS FOR PATRONS AT THE MAIN ENTRY, CIRCULATION DECK AND ELEVATOR IS TO BE MAINTAINED AT ALL PHASES.
- 07. THE MAIN ROOF AREA IS AVAILABLE TO THE CONTRACTOR USING ALL PHASES. ROOF PHASE 1 ABOVE REFLECTS THE REQUIREMENT TO DO THAT ROOFING WORK FIRST. REPAIR WORK AT THE MAIN ROOF IS TO BE COORDINATED WITH THE REMOVAL OF EXISTING INSULATION AND INSTALLATION OF NEW INSULATION. NEW INSULATION MAY BE STORED ON THE ROOF IN ADVANCE OF CONNECTION AS LONG AS SATISFACTORY PROTECTION IS PROVIDED.
- 08. THE EAST ROOF, EXTERIOR ELEVATION AND WINDOW WORK IS NOT SHOWN TO BE PART OF ANY PHASE. THE CONTRACTOR IS TO BE RESPONSIBLE FOR THIS WORK IN THE DURING CONSTRUCTION WORK. WINDOW WORK BEHIND OR SCREW BUT IT IS ASSURED THAT ACCESS TO THE WINDOW WILL BE GIVEN. EVALUATE THAT ALLOW ACCESS JUST TO THE ROOMS WITH ROOMS CLOSED TO THE PUBLIC STAFF FOR MECHANICAL WORK. ROOMS WILL NOT HAVE COMMENTS READIED FOR THIS WORK.
- 09. IF A LIFT OR IS NOT PART OF ANY CONTRACTOR WORK AREA PHASE. THE ELEVATOR IS NOT BEARLY USE ONLY UNLESS SPECIFIC PERMISSION IS GIVEN. THE CONTRACTOR IS TO PLAN AND SHOW STAFF FOR ACCESS. ANY USE OF STAIRS OR ELEVATOR FOR MATERIALS REQUIRES NOTIFICATION BE PROVIDED.

REFERENCE NOTES PHASING PLANS

LEGEND

— CONTRACTOR WORK AREA



PROJECT
bh+a
Engineers - Architects
8 Sherman Circle Street
Boston, MA 02215
617.552.6676

PROJECT NAME
**Attleboro Public Library
Building Envelope Repair &
Mechanical System Upgrade**

IN CHARGE/OWNER
CITY OF ATTLEBORO

CLIENT
City of Attleboro

ISSUED DATE
17 MAY 2016 (REV. 04/22/15)

PROJECT TEAM
Mechanical Electrical Planning
Mechanical Engineering
100 West Park Street
Boston, Massachusetts 02110

REVISIONS

NO.	DESCRIPTION	DATE

ISSUED DATE

PHASING PLANS

ISSUED APPROVAL

DATE

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Mechanical



Mechanical



Lighting



Elevator

