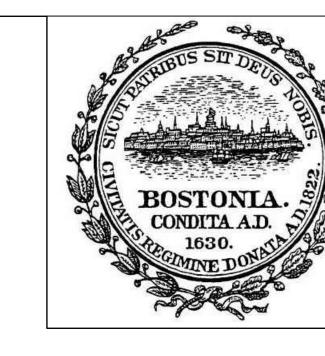


Boston Landmark Commission – Hearing: Thursday, 8/19/2021, 5:00 PM McKinley School Roof Replacement / Metal Clad Wall Panels

- The Project consists of the replacement of the entire roof assembly at the McKinley School during the Summer of 2021.
- The basis for the roof design calls for a substantial increase to the thickness, and R-Value, of roof insulation to meet the energy code as well as MSBA standards. The thruwall flashing needs to be raised to provide proper clearance above the roof plane.
- This existing wall construction voids the option to "raise" the thru-wall flashing as
 designed unless the work includes removing and reconstructing the entire full height of
 the 12" thick solid exterior walls, including the plaster veneer on the interior.
- Proposed: The roof base side wall flashing will be installed on new plywood that is
 fastened to the 12 " brick wall above the roof plane and terminate the base flashing with
 a surface-mounted reglet that will be covered with a metal counterflashing. Above this
 base flashing assembly, the brick wall will be covered with plywood full height to the roof
 line above that will be mechanically fastened to the brick through the mortar joints.
- An air vapor barrier will be installed over the plywood and that will be clad with a
 prefinished .040" thick aluminum metal panel system. The color of the metal panels
 was selected by a Landmark representative on site. The color is "Sierra Tan" by
 Firestone Products which blends well with the existing beige / tan brick.
- The flat lock seam panels shall be approx. 1'-0" wide x 8'-0" high. The heights of the walls above the rooflines vary so the top of the walls will all have full 8'-0" long panels and the cut panels will be installed at the bottom, with the varying roof plane.
- Please see attached drawings and photographs identifying the locations of the proposed Metal Wall Panels.



RDA

Raymond Design Associates, Inc. Architects & Planners

60 Ledgewood Place Rockland MA, 02370

City of Boston
Public Facilities
Department

26 Court Street Boston, MA 02108

Boston, MA 02108

16

venue, Boston, Massachusetts 02'

Revisions:

No. Date Description

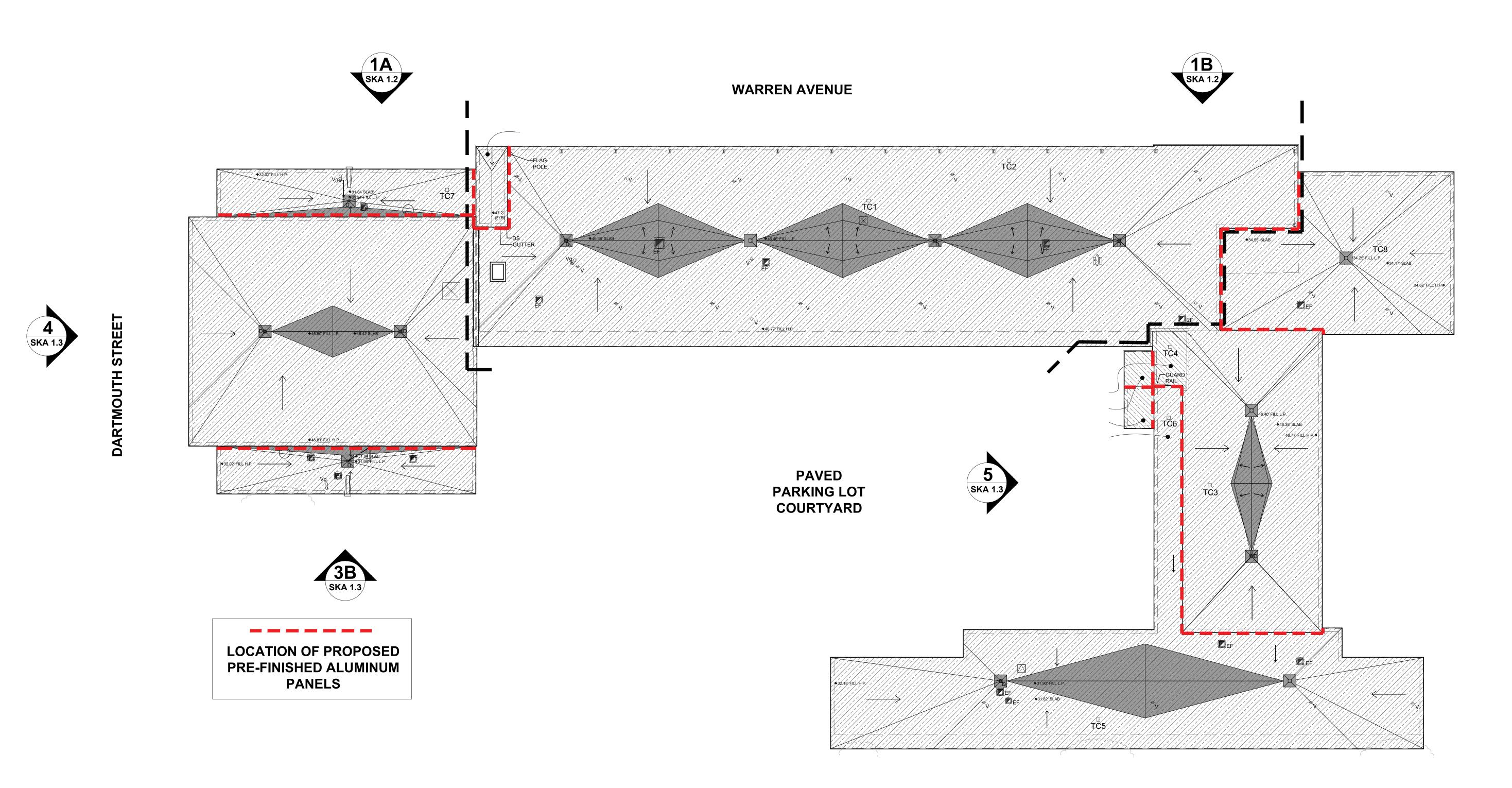
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Checked By: DB
Approved By: DB

Drawing Scale: AS NOTED

MSBA Project Number:

Date: JULY 30, 2021

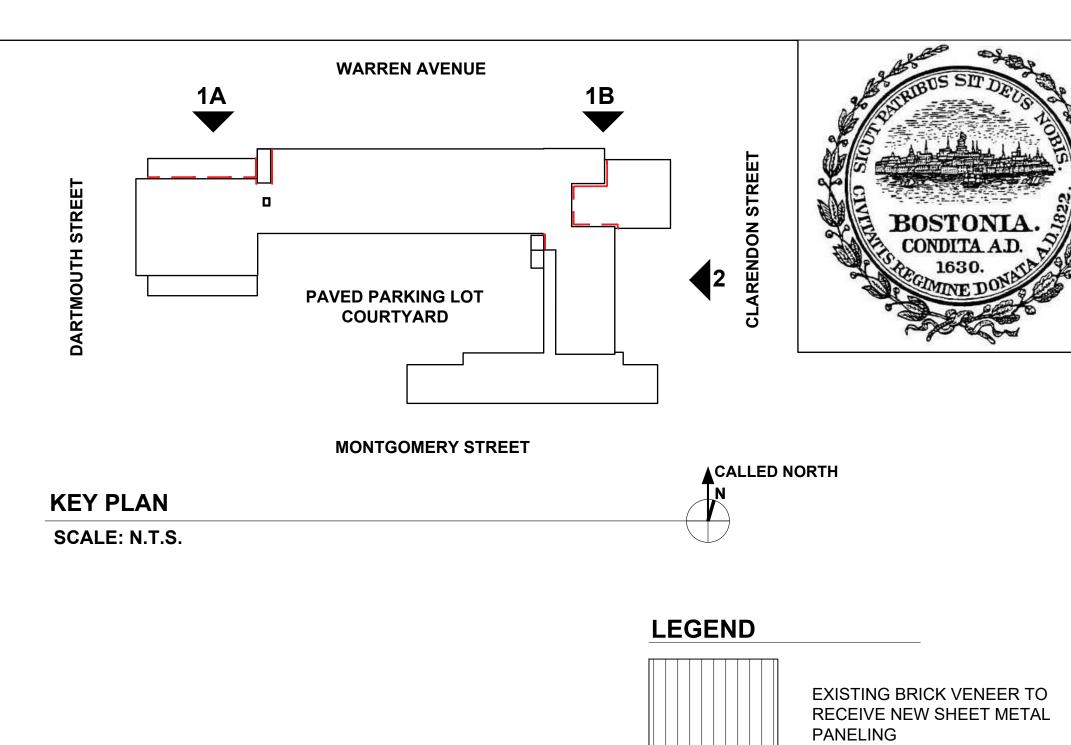
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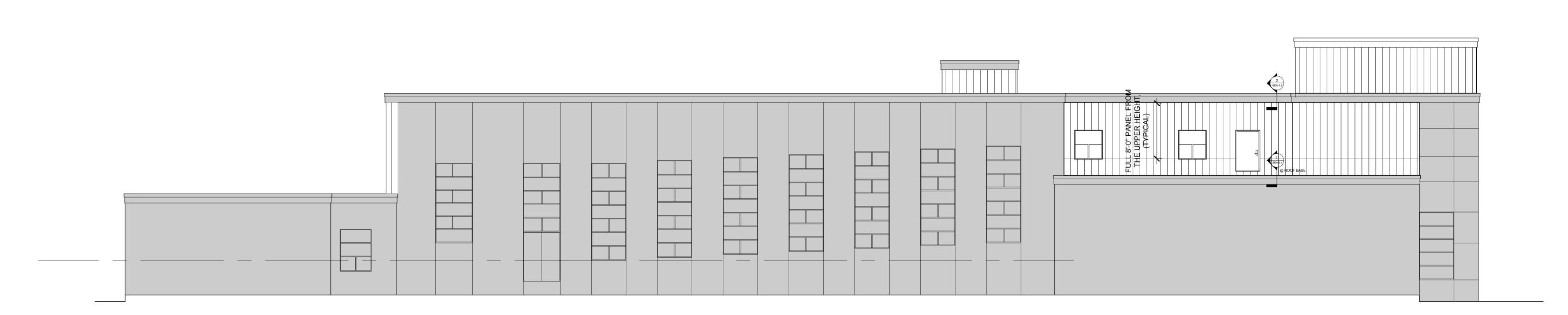


MONTGOMERY STREET

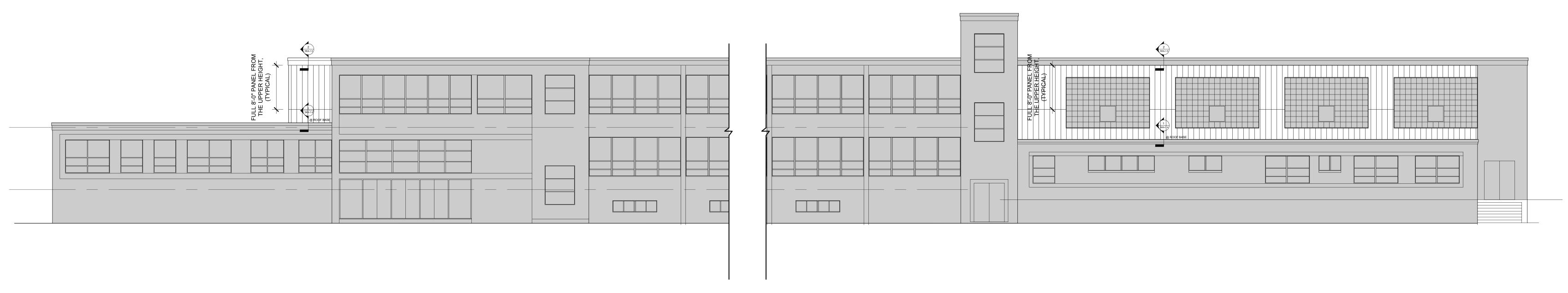
ROOF PLAN

SCALE: 1/16 = 1'-0'"





2 EAST ELEVATION VIEWED FROM CLARENDON STEET SCALE: 1/8" = 1'-0"



PARTIAL NORTH ELEVATION VIEWED FROM WARREN AVENUE

SCALE: 1/8" = 1'-0"

PARTIAL NORTH ELEVATION VIEWED FROM WARREN AVENUE

SCALE: 1/8" = 1'-0"

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AREA OUT OF SCOPE OF

WORK

16 02

William McKinley School
Roof Replacement Project
90 Warren Avenue, Boston, Massachusetts 02
EXTERIOR ELEVATIONS IDENTIFYING
UPPER WALLS TO BE CLAD

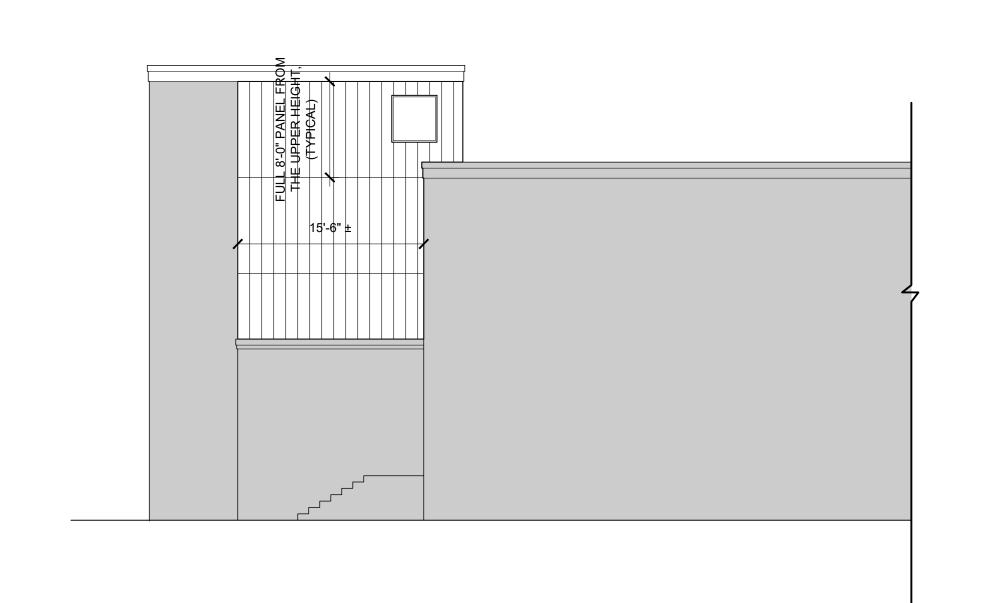
Revisions: No. Date Description

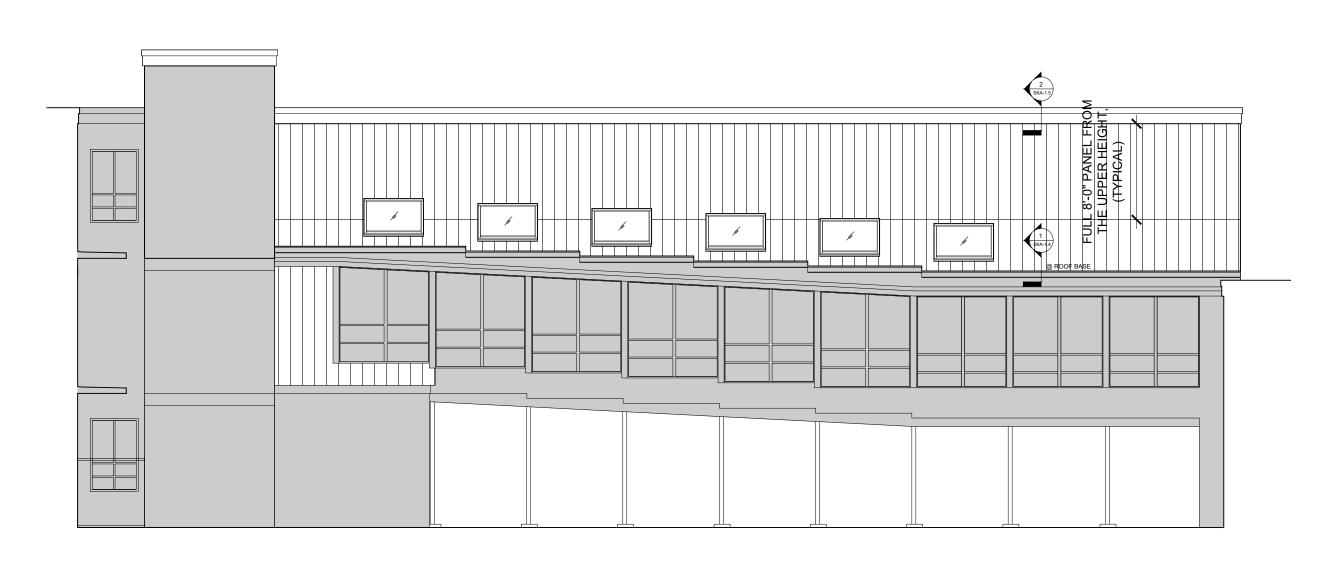
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Approved By: DB

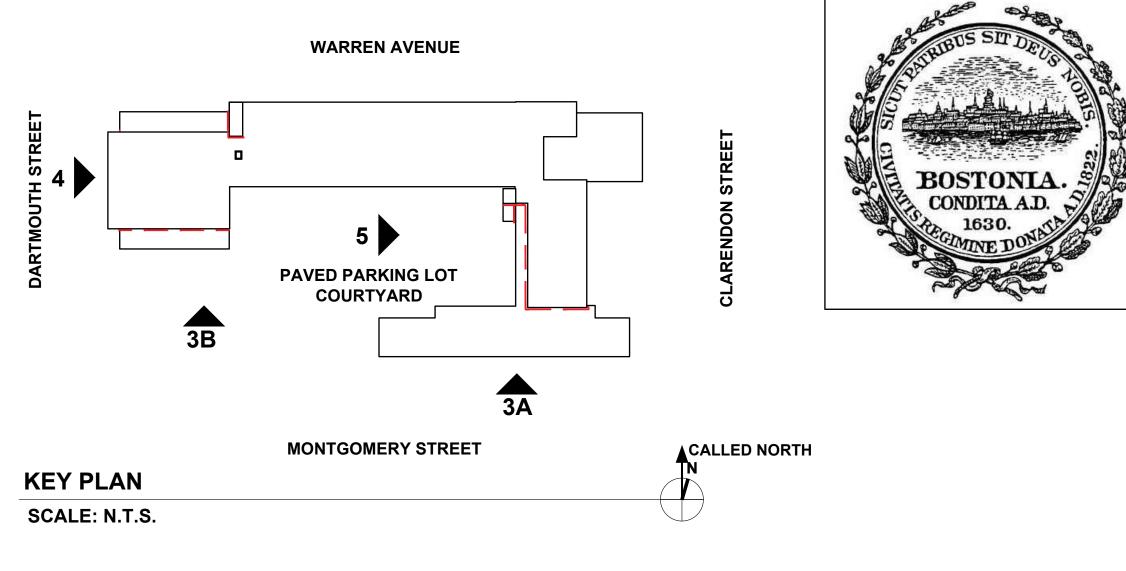
Drawing Scale: AS NOTED

Project Number:

Date: JULY 30, 2021







EXISTING BRICK VENEER TO RECEIVE NEW SHEET METAL PANELING

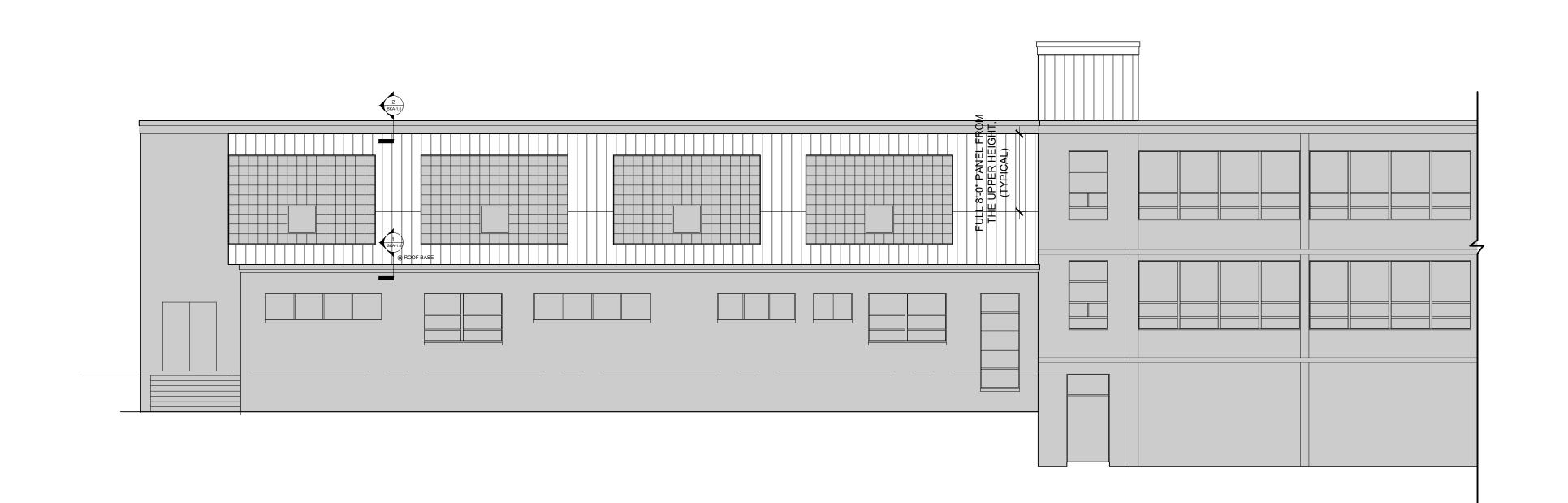
AREA OUT OF SCOPE OF WORK

PARTIAL WEST ELEVATION VIEWED FROM DARTMOUTH STREET

SCALE: 1/8" = 1'-0"

5 PARTIAL WEST ELEVATION VIEWED FROM COURTYARD

SCALE: 1/8" = 1'-0"



3B PARTIAL SOUTH ELEVATION VIEWED FROM MONTGOMERY STREET SCALE: 1/8" = 1'-0"



PARTIAL SOUTH ELEVATION VIEWED FROM MONTGOMERY STREET

SCALE: 1/8" = 1'-0"

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William McKinley School
Roof Replacement Project
Warren Avenue, Boston, Massachusetts 02116

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EXTERIOR ELEVATIONS IDENTIFYING

UPPER WALLS TO BE CLAD

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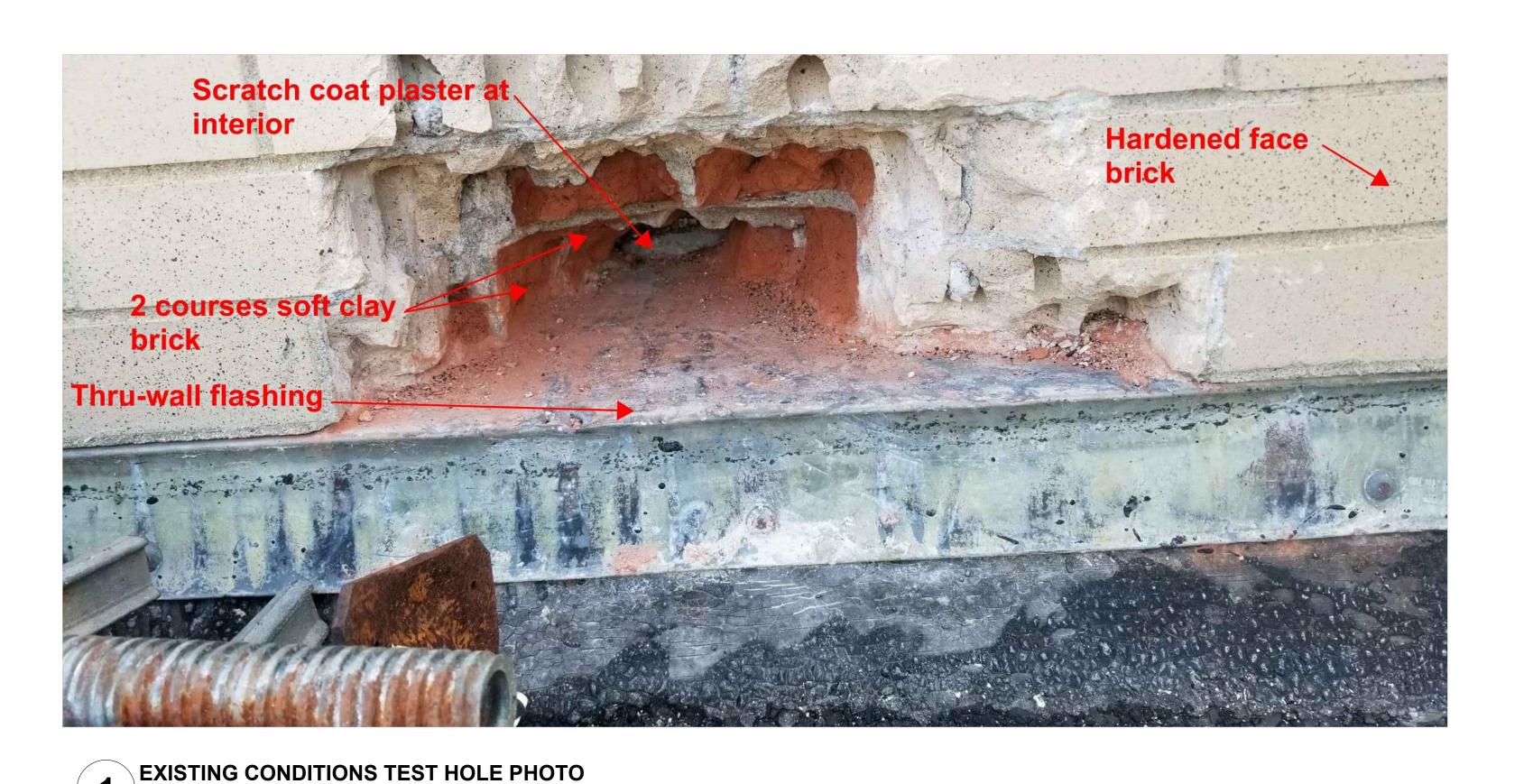
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Checked By: DB
Approved By: DB

Drawing Scale: AS NOTED

MSBA Project Number:

Date: JULY 30, 2021

SKA-1.3





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en Avenue, Boston, Massachusetts 02116

DETAIL(

PROPOSED

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IMAGE

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Revisions:

No. Date Description

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NO. Date Description

Drawn By: ND/ MW
Checked By: DB
Approved By: DB

Drawing Scale: AS NOTED

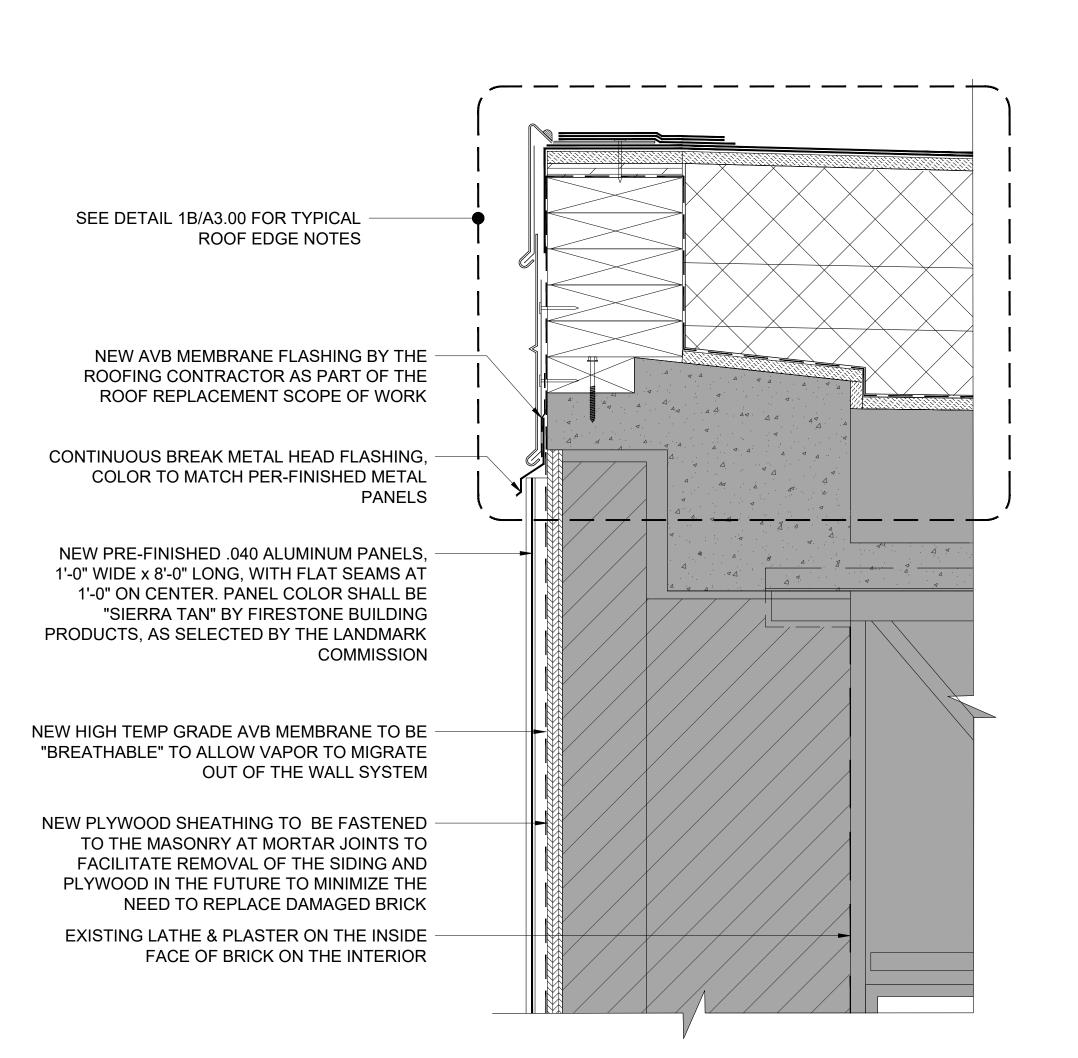
MSBA Project Number:

Date: JULY 30, 2021

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NEW PRE-FINISHED .040 ALUMINUM PANELS, 1'-0" -WIDE x 8'-0" LONG, WITH FLAT SEAMS AT 1'-0" ON CENTER. PANEL COLOR SHALL BE "SIERRA TAN" BY FIRESTONE BUILDING PRODUCTS, AS SELECTED BY THE LANDMARK COMMISSION EXISTING LATHE & PLASTER ON THE INSIDE FACE OF BRICK ON THE INTERIOR NEW MEMBRANE FLASHING -NEW METAL COUNTER-FLASHING FASTENED @ 12" -O.C. BEHIND METAL PANEL SYSTEM CONTINUOUS PRE-FINISHED J-TRIM STARTER STRIP, SLOTTED ON BOTTOM, COLOR TO MATCH PRE-FINISHED PANELS TERMINATION BAR & FASTENERS @ 12" O.C. SET IN WATER CUT-OFF MASTIC, PROVIDE CONTINUOUS SEALANT AT TOP NEW HIGH TEMP GRADE AVB MEMBRANE TO BE "BREATHABLE" TO ALLOW VAPOR TO MIGRATE OUT OF THE WALL SYSTEM NEW PLYWOOD SHEATHING TO BE FASTENED TO THE MASONRY AT MORTAR JOINTS TO FACILITATE REMOVAL OF THE SIDING AND PLYWOOD IN THE FUTURE TO MINIMIZE THE NEED TO REPLACE DAMAGED BRICK SEE DETAIL 4/A3.03 FOR SIMILAR ROOF TRANSITION NOTES

SCALE: NTS



NEW PRE-FINISHED PANEL/ FASCIA DETAIL

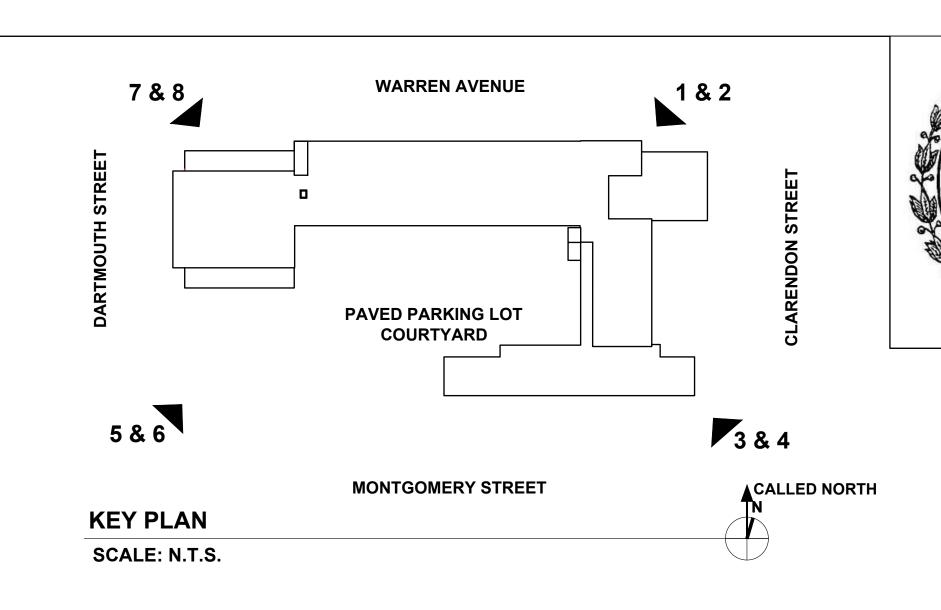
SCALE: 3" = 4' 0"

2 NEW PRE-FINISHED PANEL/ ROOF BASE DETAIL
SCALE: 3" = 1'-0"

1 AERIAL VIEW FROM NORTHEAST (WARREN AVE)



STREET VIEW FROM NORTHEAST (WARREN AVE)



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Architects &
Planners

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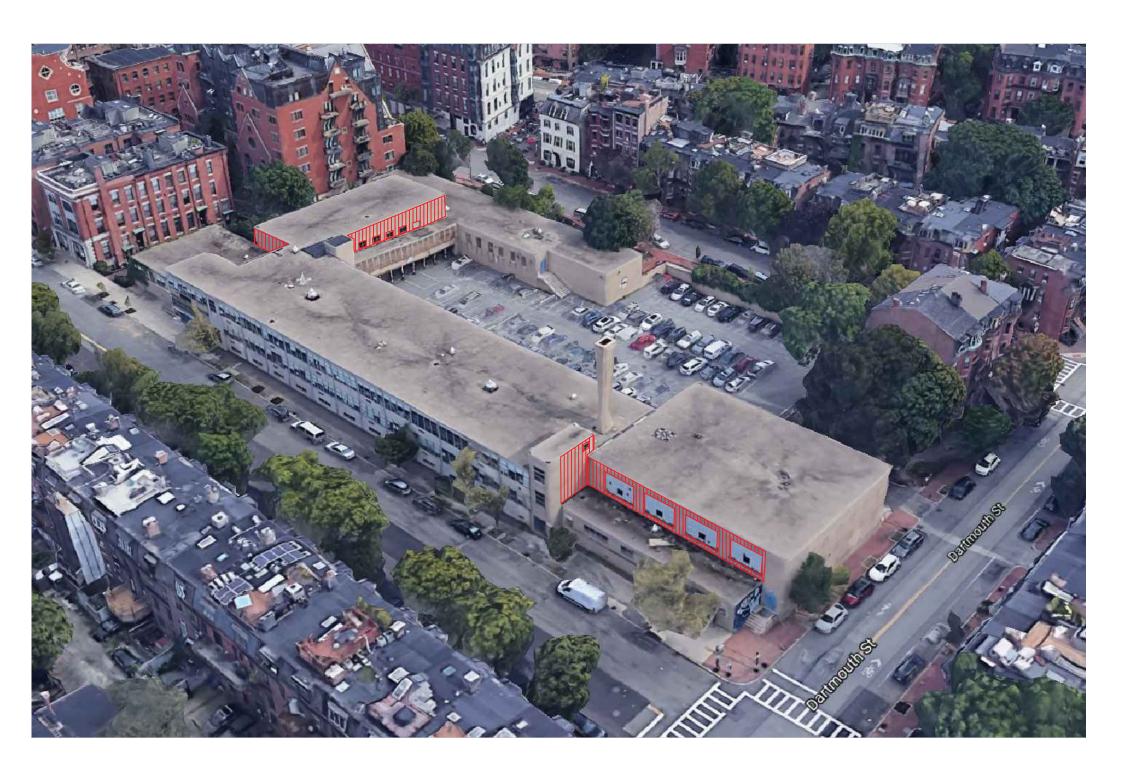
26 Court Street Boston, MA 02108

16

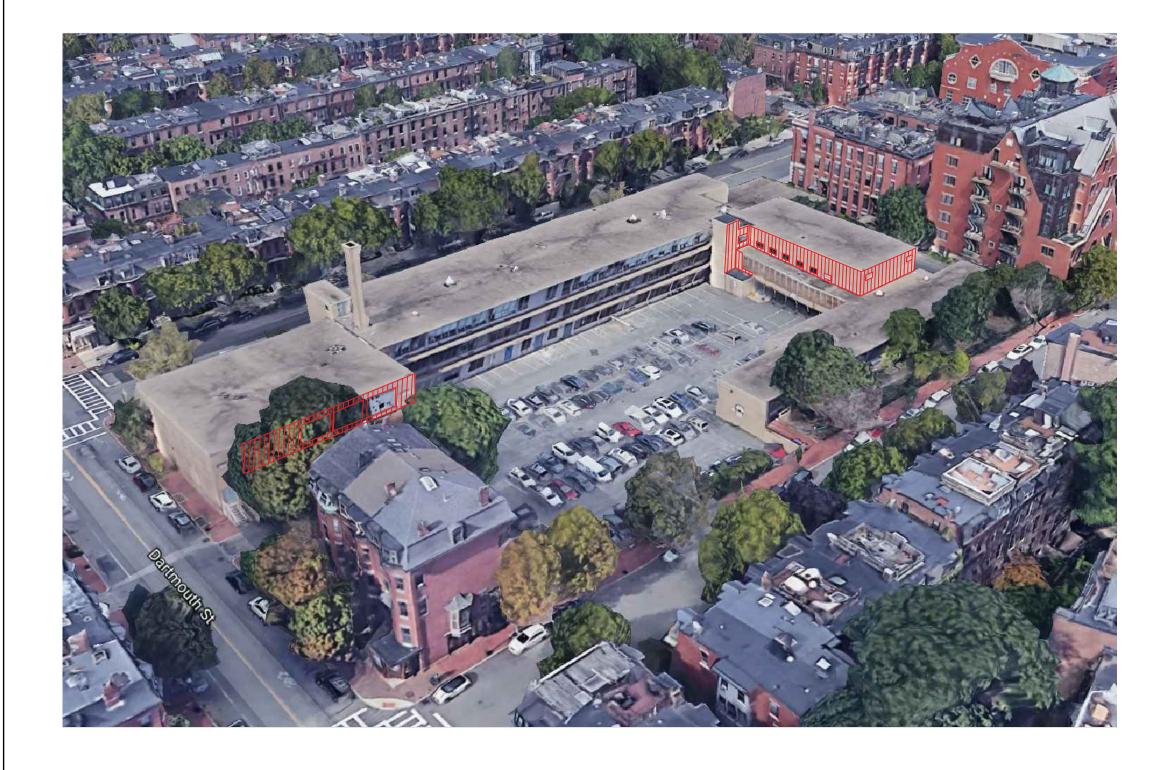
3 AERIAL VIEW FORM SOUTHEAST (MONTGOMERY ST)



4 STREET VIEW FORM SOUTHEAST (MONTGOMERY ST)



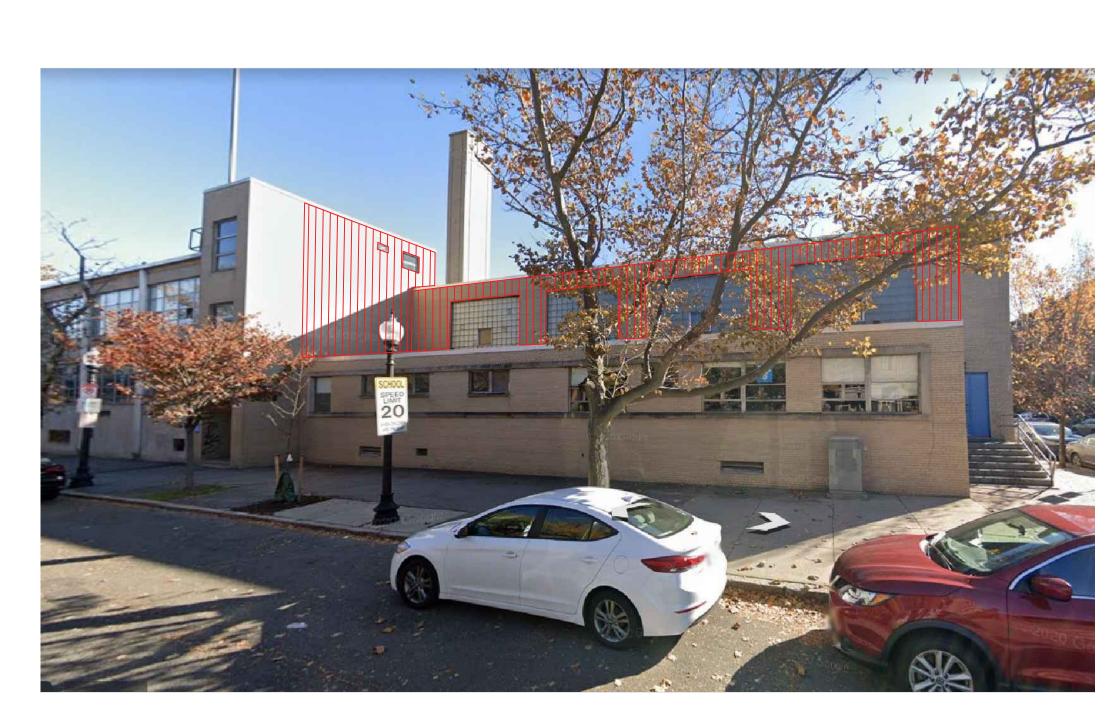
AERIAL VIEW FROM NORTHWEST (WARREN AVE &DARTMOUTH ST)



5 AERIAL VIEW FROM SOUTHWEST (MONTGOMERY ST & DARTMOUTH ST)



STREET VIEW FROM SOUTHWEST (MONTGOMERY ST & DARTMOUTH ST)



8 STREET VIEW FROM NORTHWEST (WARREN AVE &DARTMOUTH ST)

Revisions:

No. Date Description

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Checked By: DB
Approved By: DB

Drawing Scale: AS NOTED

SKA-1.5

Project Number:

Date: JULY 30, 2021