



CAMBRIDGE HISTORICAL COMMISSION

831 Massachusetts Avenue, 2nd Fl., Cambridge, Massachusetts 02139
Telephone: 617 349 4683 TTY: 617 349 6112
E-mail: histcomm@cambridgema.gov URL: www.cambridgema.gov/Historic

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MAY 14 2019

CAMBRIDGE HISTORICAL COMMISSION

APPLICATION FOR CERTIFICATE

1. The undersigned hereby applies to the Cambridge Historical Commission for a Certificate of (check one box): Appropriateness, Nonapplicability, or Hardship, in accordance with Chapter 40C of the Massachusetts General Laws and/or Chapter 2.78 of the Municipal Code.

2. Address of property: 99 Brattle Street (Washburn Hall)
(formerly 6 Phillips Place), Cambridge, Massachusetts

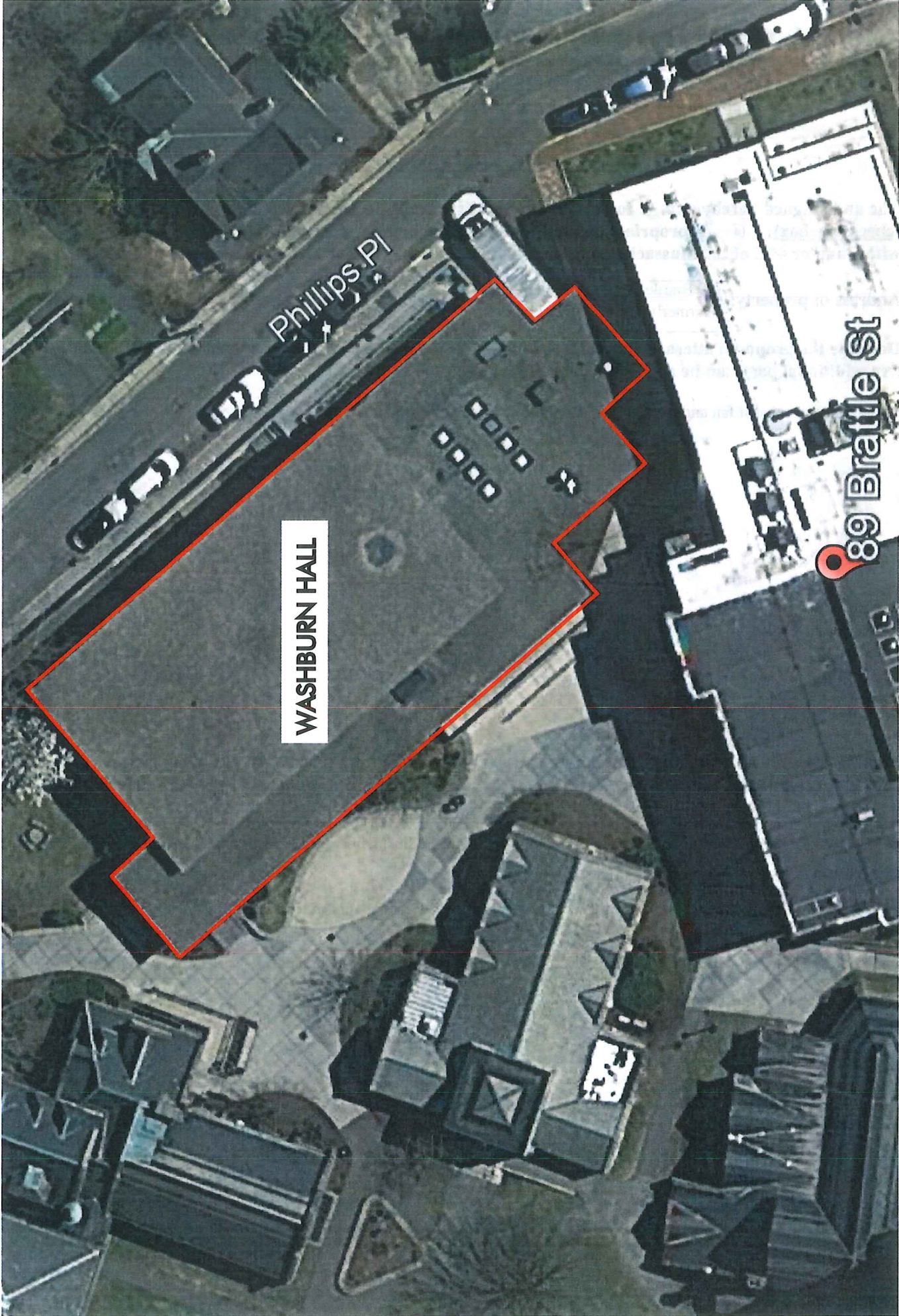
3. Describe the proposed alteration(s), construction or demolition in the space provided below:
(An additional page can be attached, if necessary).

Install kitchen exhaust fan and make-up air unit on lower roof of Washburn Hall.

I certify that the information contained herein is true and accurate to the best of my knowledge and belief. The undersigned also attests that he/she has read the statements printed on the reverse.

Name of Property Owner of Record: Lesley University (c/o Mark Collins, Director of Real Estate & Operations)	
Mailing Address: 29 Everett Street, Cambridge MA 02138	
Telephone/Fax: 617-349-8886	E-mail: mark.collins@lesley.edu
Signature of Property Owner of Record: <i>Mark Collins</i> <i>MARK J. COLLINS</i>	
<small>(Required field; application will not be considered complete without property owner's signature)</small>	
Name of proponent, if not record owner:	
Mailing Address:	
Telephone/Fax:	E-mail:

<small>(for office use only):</small>		
Date Application Received: <u>5/14/19</u>	Case Number: <u>4110</u>	Hearing Date: <u>6/6/19</u>
Type of Certificate Issued: _____	Date Issued: _____	



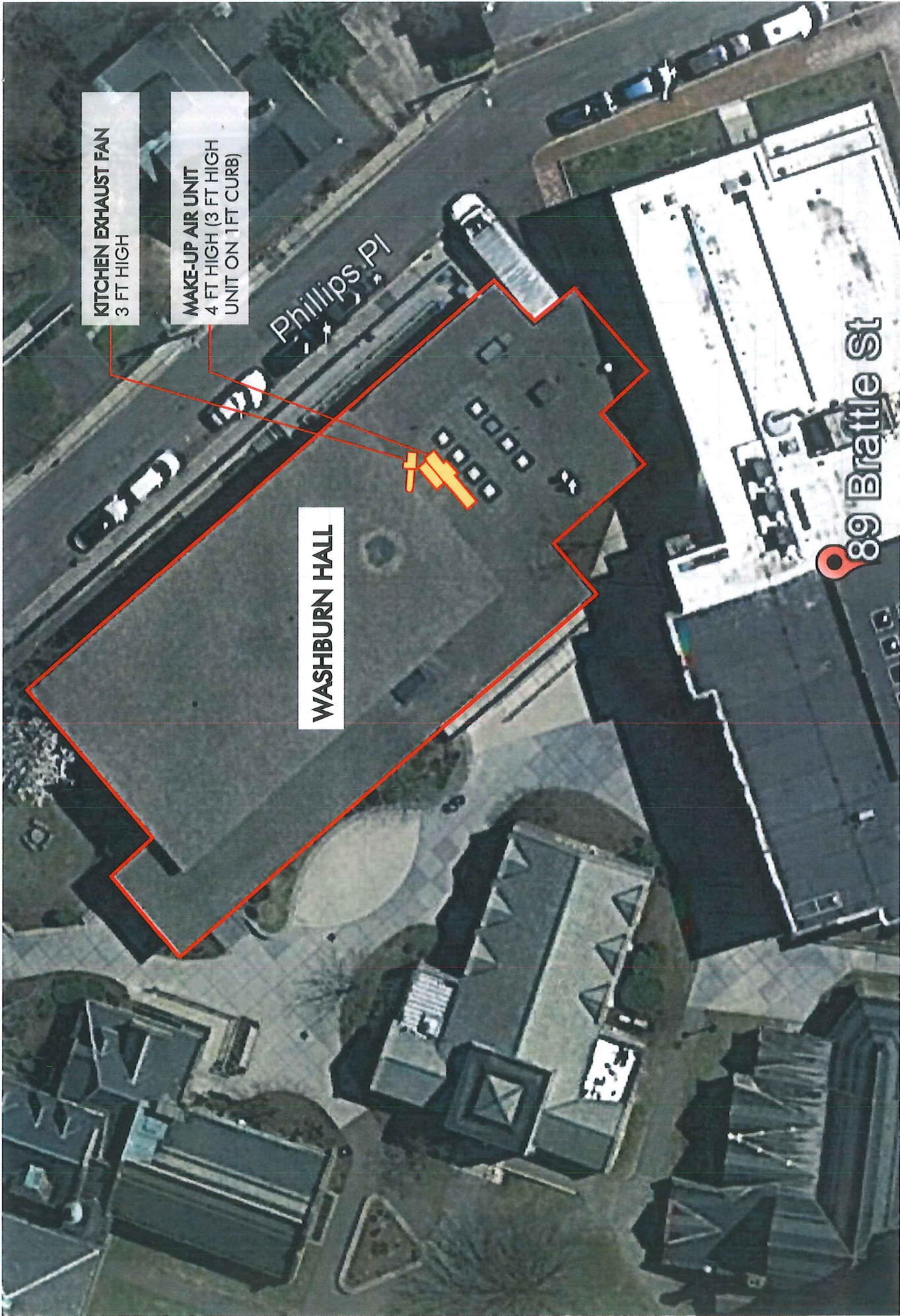
WASHBURN HALL

Phillips Pl

89 Brattle St

WASHBURN HALL - DINING AND SERVERY RENOVATION
EXISTING ROOF PLAN





KITCHEN EXHAUST FAN
3 FT HIGH

MAKE-UP AIR UNIT
4 FT HIGH (3 FT HIGH
UNIT ON 1 FT CURB)

WASHBURN HALL

Phillips Pl

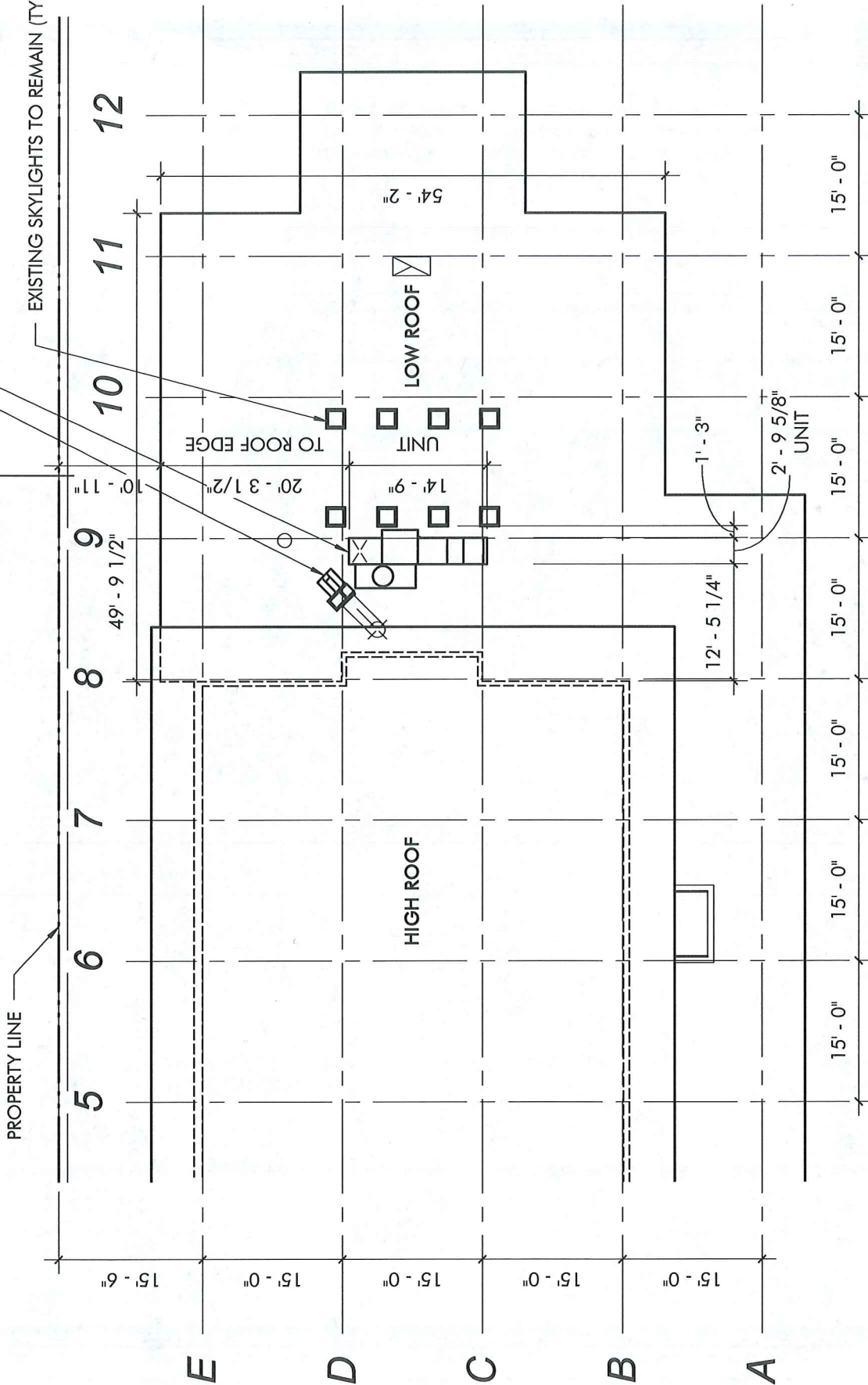
89 Brattle St

**WASHBURN HALL - DINING AND SERVERY RENOVATION
PROPOSED SITE PLAN (SERVERY HOOD MAKE-UP AIR UNIT)**



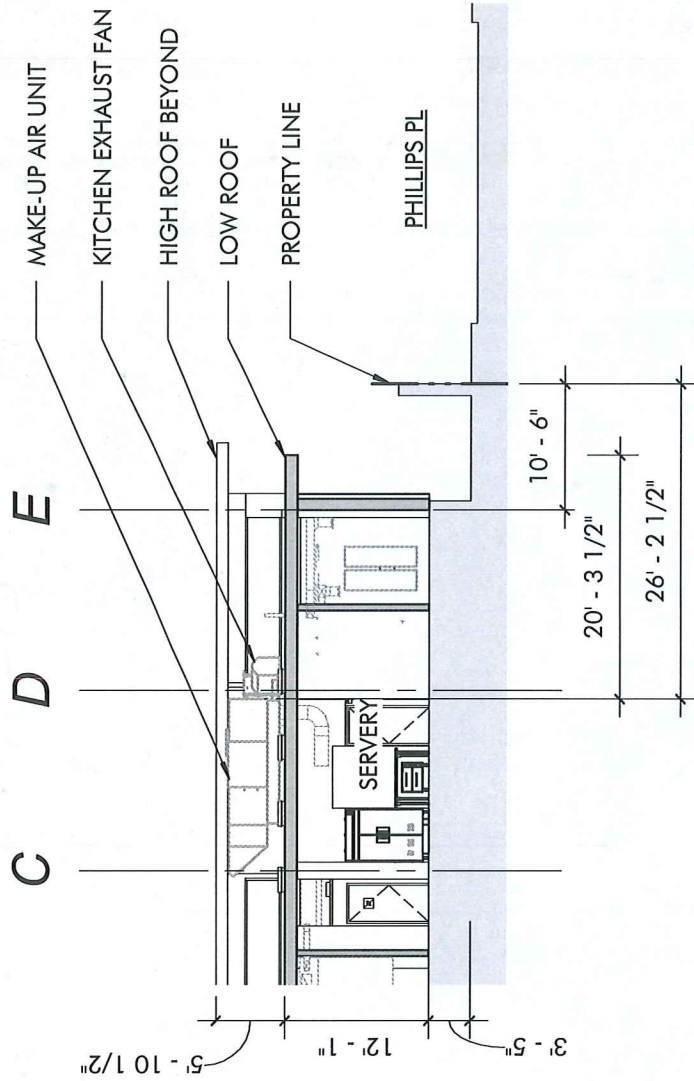
PHILLIPS PLACE

KITCHEN EXHAUST FAN
MAKE-UP AIR UNIT ON A 12" HIGH CURB
EXISTING SKYLIGHTS TO REMAIN (TYP. OF 8)



WASHBURN HALL - DINING AND SERVERY RENOVATION
PROPOSED ROOF PLAN (WITH EQUIPMENT)
 SCALE: 1/16" = 1'-0"





CITY OF CAMBRIDGE NOISE ORDINANCE:
 THE PROJECT IS TRACKING TOWARDS COMPLIANCE BASED ON AN INITIAL
 STUDY OF DISTANCES OF MECHANICAL UNITS FROM THE PROPERTY LINE,
 HOURS OF OPERATION OF THE SERVERY AND MAKE-UP UNIT AND EXHAUST
 FAN SPECIFICATIONS.
 ADDITIONAL REVIEW AND ANALYSIS OF SOUND IMPACT IS IN PROGRESS.

**WASHBURN HALL - DINING AND SERVERY RENOVATION
 PROPOSED ROOF SECTION (WITH EQUIPMENT)**
 SCALE: 1/16" = 1'-0"



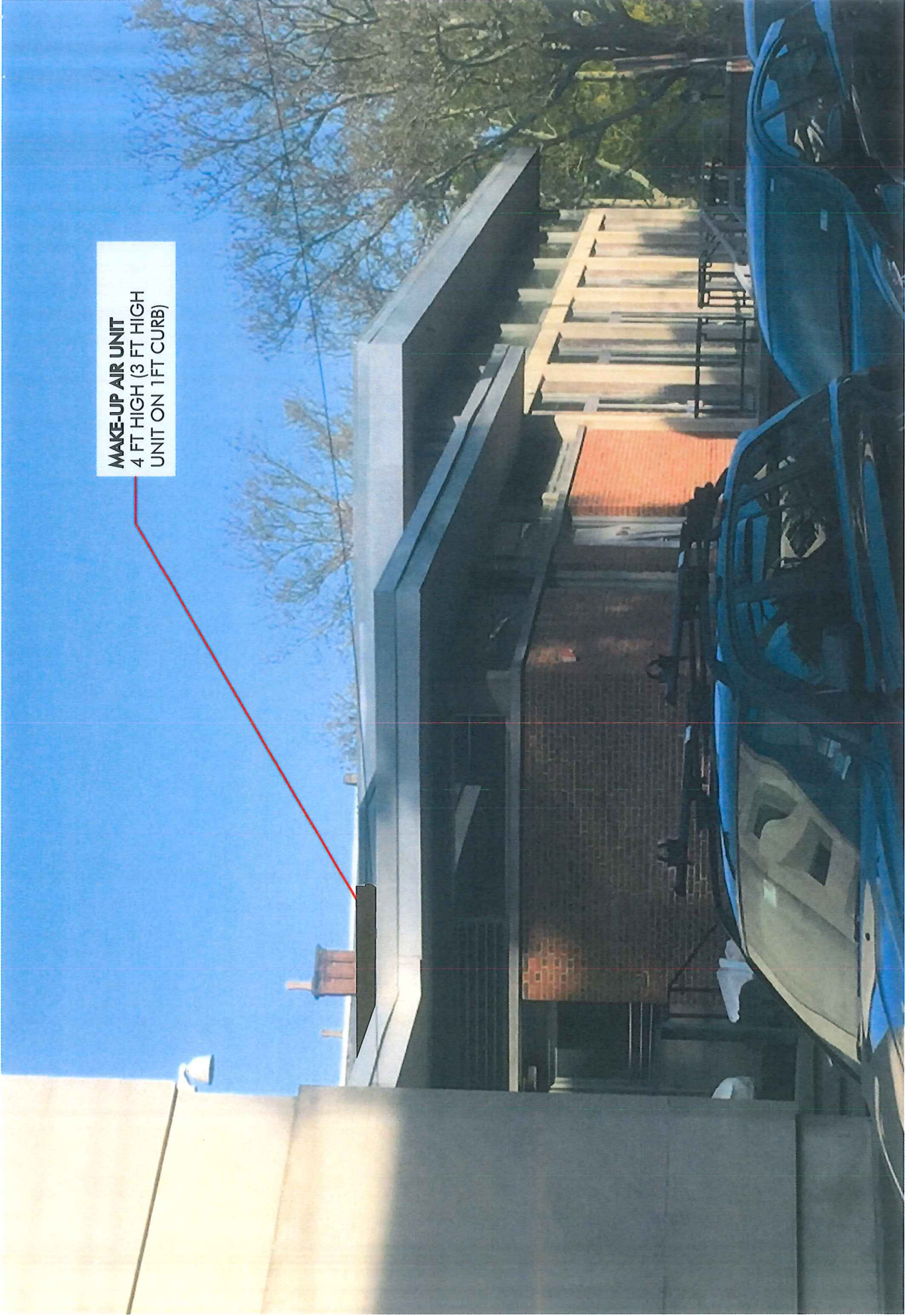
**WASHBURN HALL - DINING AND SERVERY RENOVATION
PROPOSED STREET VIEW (Corner of Mason St and Phillips Pl)**

Make-up Air unit not visible from the intersection

Lesley
UNIVERSITY



PCA
ARCHITECTURE PLANNING INTERIORS



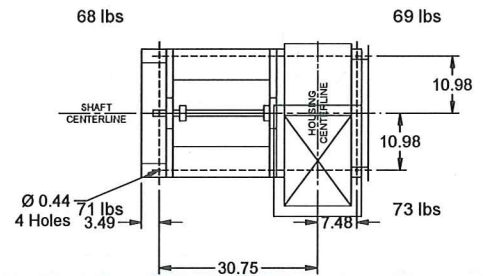
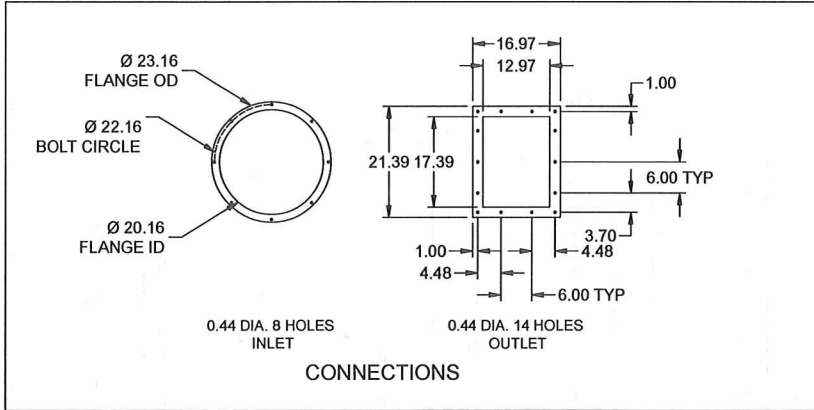
MAKE-UP AIR UNIT
4 FT HIGH (3 FT HIGH
UNIT ON 1 FT CURB)

WASHBURN HALL - DINING AND SERVERY RENOVATION
PROPOSED STREET VIEW
(Make-Up Air Unit on roof shown in grey color as seen on Phillips PI)

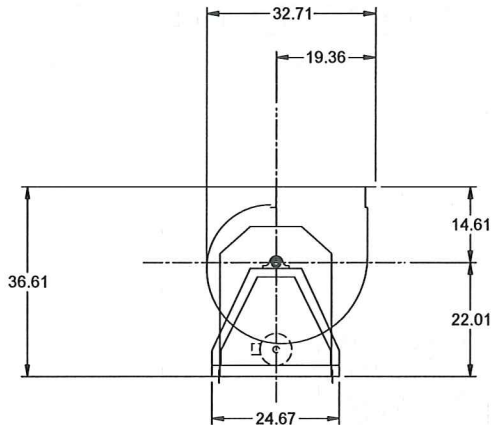


Model: CSW-16-BI-21-10-0-7

Series 21 Backward Inclined Single Width



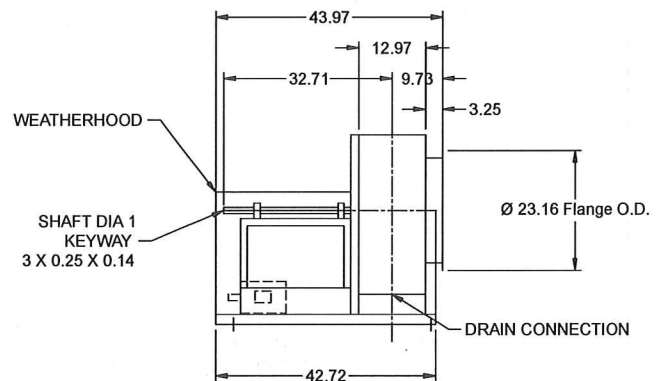
FAN FOOTPRINT



SIDE VIEW

*SIDE VIEW IS VIEWED FROM DRIVE SIDE

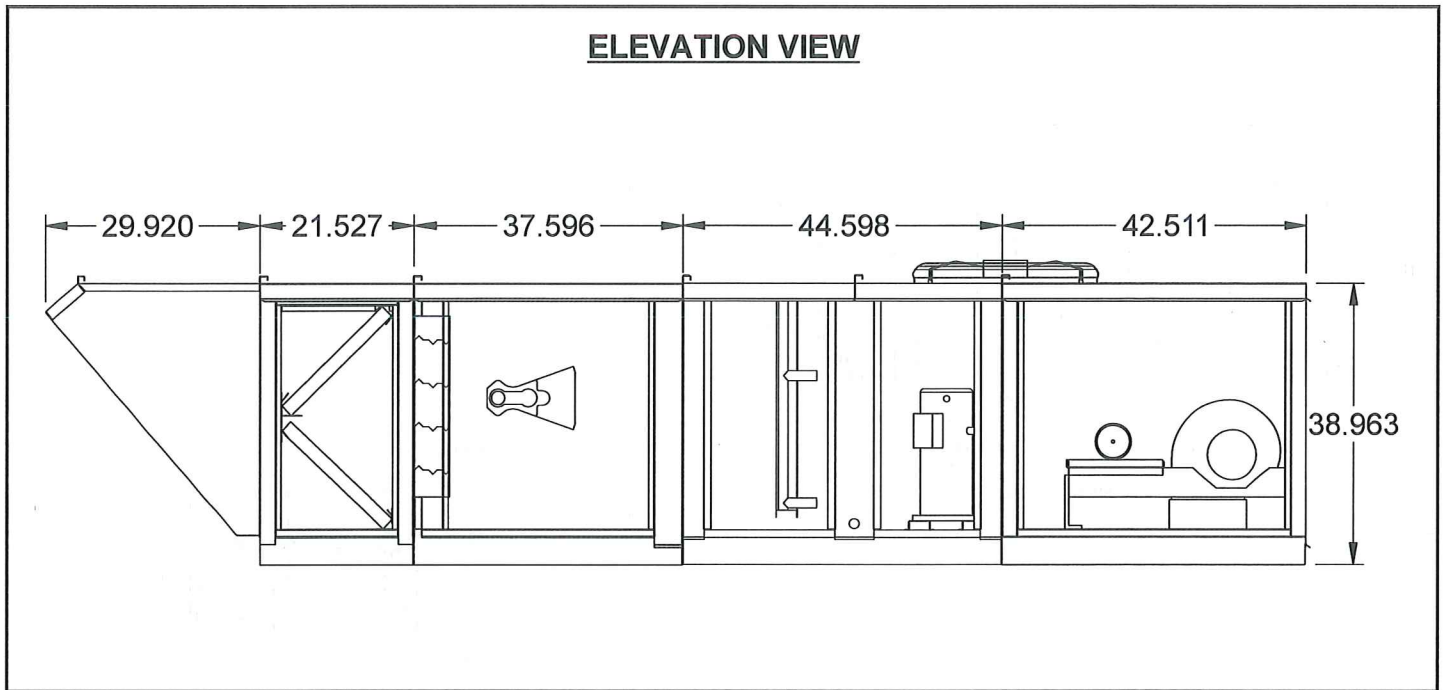
*FANS ARE SUBJECT TO ±.125 INCH TOLERANCE
 *DUE TO CONTINUAL IMPROVEMENTS DIMENSIONS MAY CHANGE



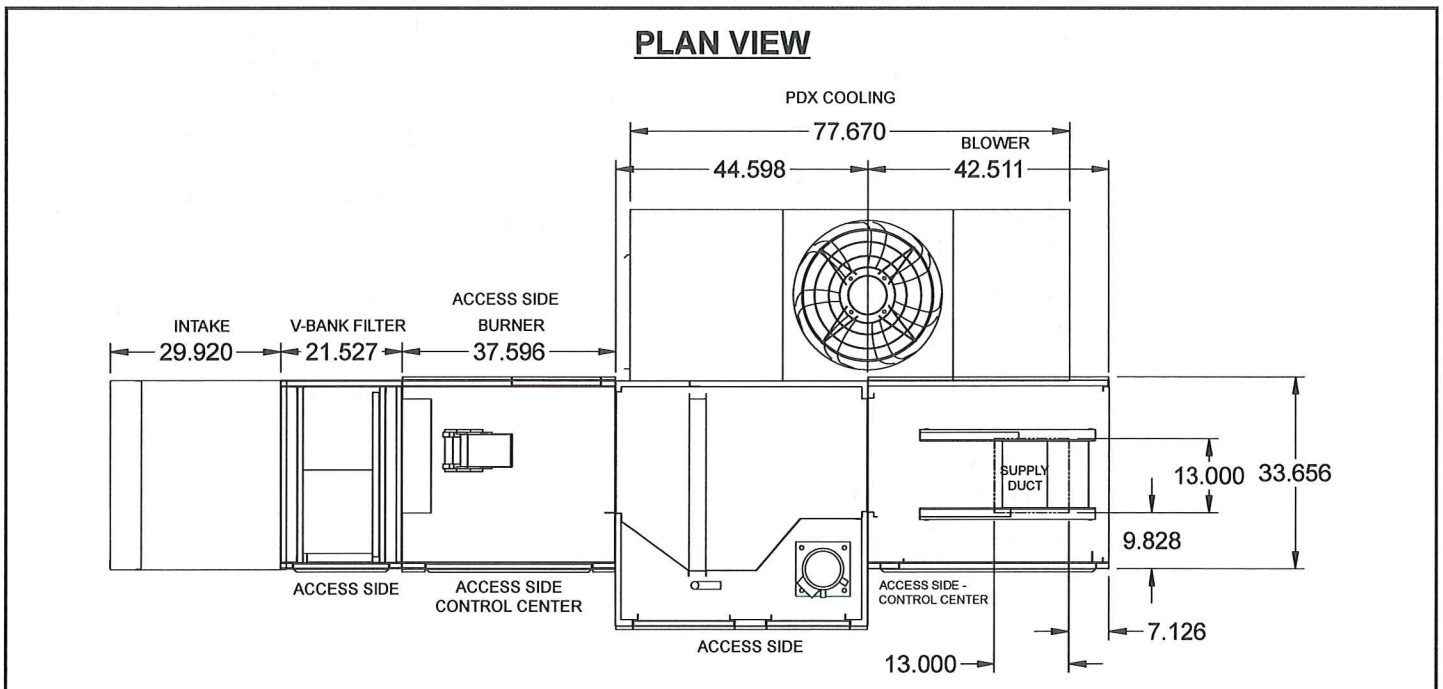
END VIEW

Notes: All dimensions shown are in units of in.

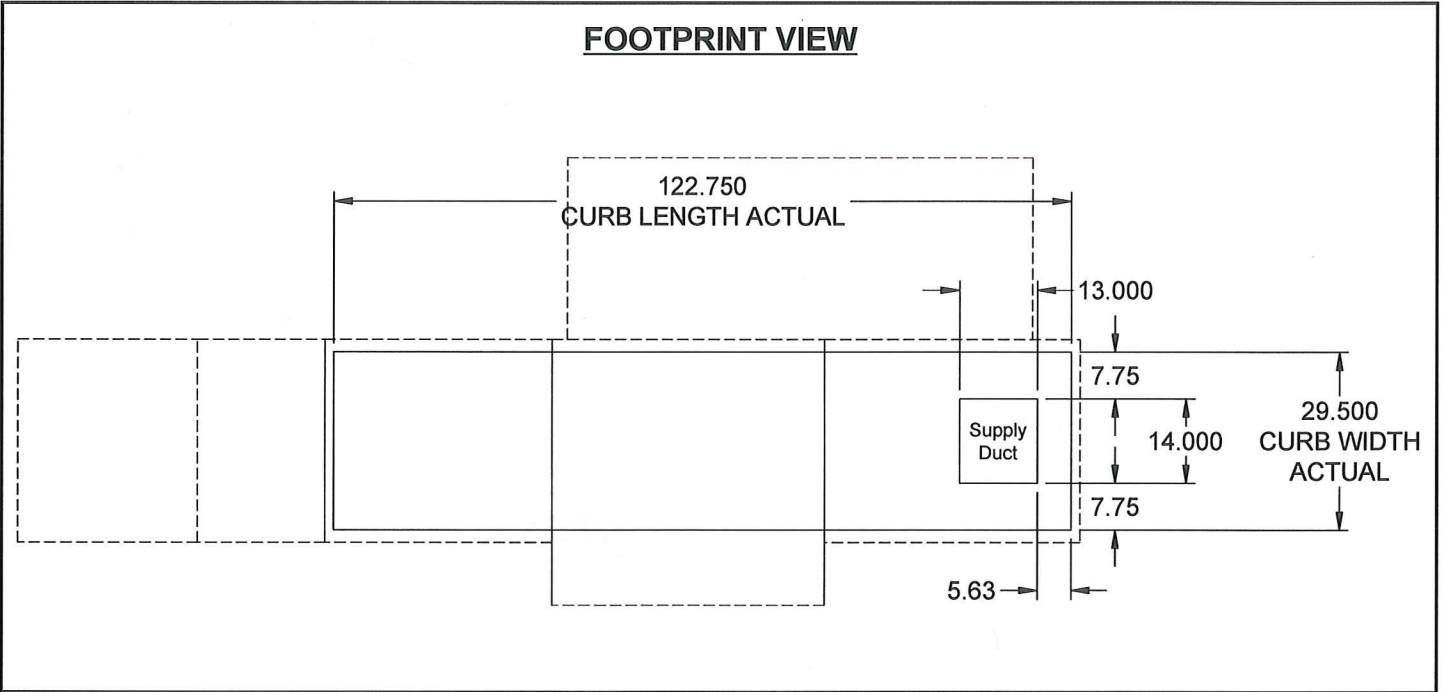
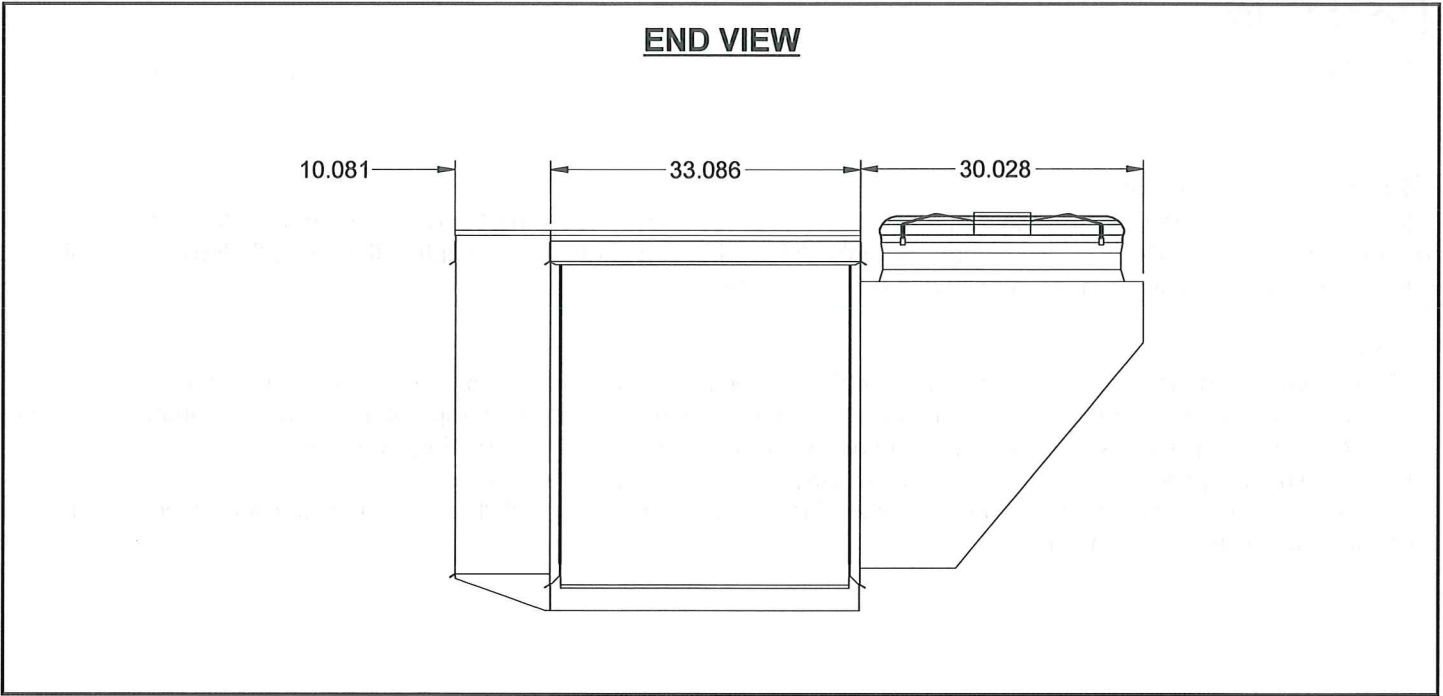
MAKE-UP AIR UNIT



Notes - Elevation View
 Standard configuration for unit access is on the right-hand side, when looking into the unit intake in the direction of airflow.
 Order of unit sections is from intake of unit to discharge of unit.
 Sections included on this unit: Weatherhood Section, Filter Section, Heating Section, Cooling Section, Blower Section
 Insulation: Double Wall, from Cooling Section through end of unit.



Notes - Plan View
 Standard configuration for unit access is on the right-hand side, when looking into the unit intake in the direction of airflow.



Notes - Footprint View

Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides. For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.

Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb. For example: If the roof curb is 75 x 30 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square.

The weatherhood and filter sections of the make-up air unit extend beyond the curb. This is by design, to prevent water infiltration.

CURB FOR MAKE-UP AIR UNIT

Roof Curb

Model: GPI

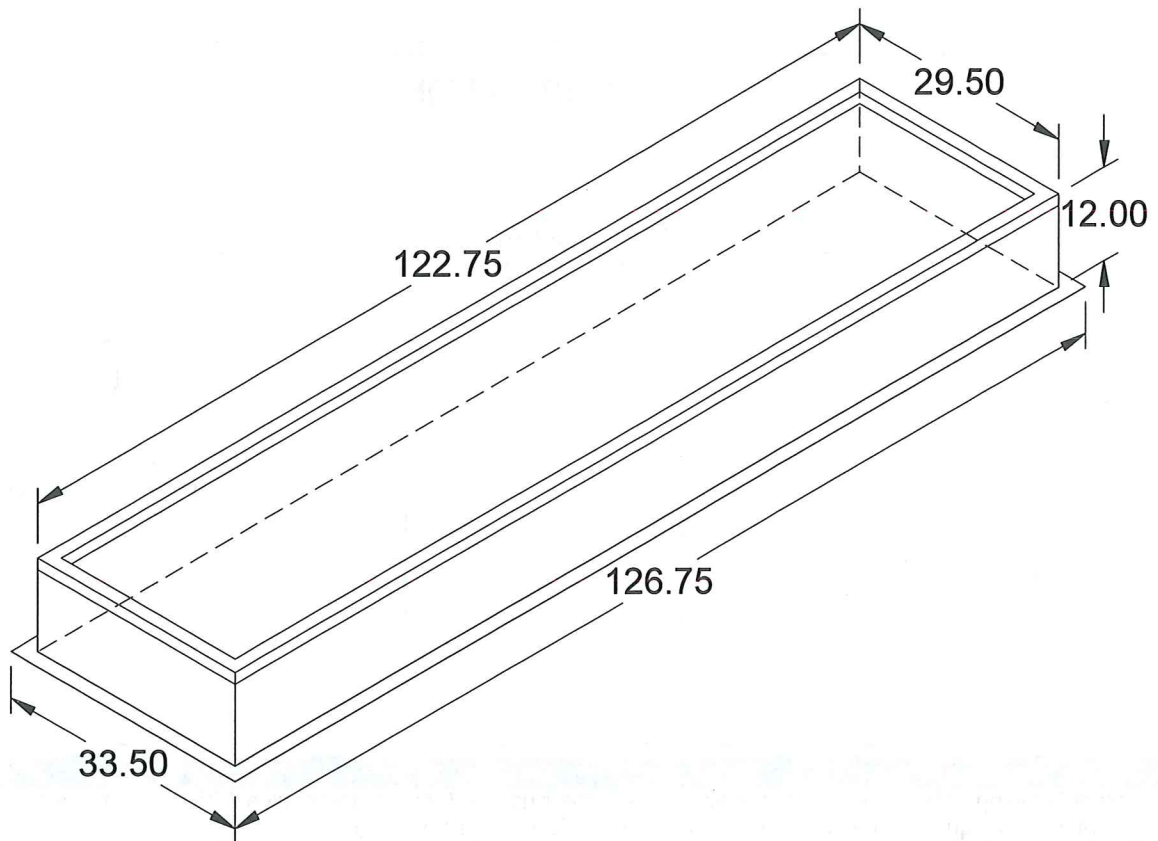
Material: Galvanized

Standard Construction Features:

- Roof Curb fits between the building roof and the fan mounted directly to the roof support structure - Constructed of either 18 ga galvanized steel or 0.064 in. aluminum - Straight Sided without a cant - 2 in. mounting flange - 3 lb density insulation - Height
- Available from 12 in. to 42 in. as specified in 0.5 in. increments.

Notes:

- The maximum roof opening dimension should not be greater than the "Actual" top outside dimension minus 2 in..
- The minimum roof opening dimension should be at least 2.5 in. more than the damper dimension or recommended duct size.
- The Roof Opening Dimension may or may not be the same as the Structural Opening Dimension.
- Damper Tray is optional and must be specified. Tray size is same as damper size.
- Security bars are optional and must be specified. Frames and gridwork are all 12 ga steel. Gridwork is welded to the frame and the frame is welded to the curb.



Notes: All dimensions shown are in units of in.