

August 10, 2021

Attn: Swaathi Joseph
Associate Planner
Cambridge Community Development
344 Broadway
Cambridge, MA 02139

utile

RE: 1043-1059 Cambridge Street (PB-336)

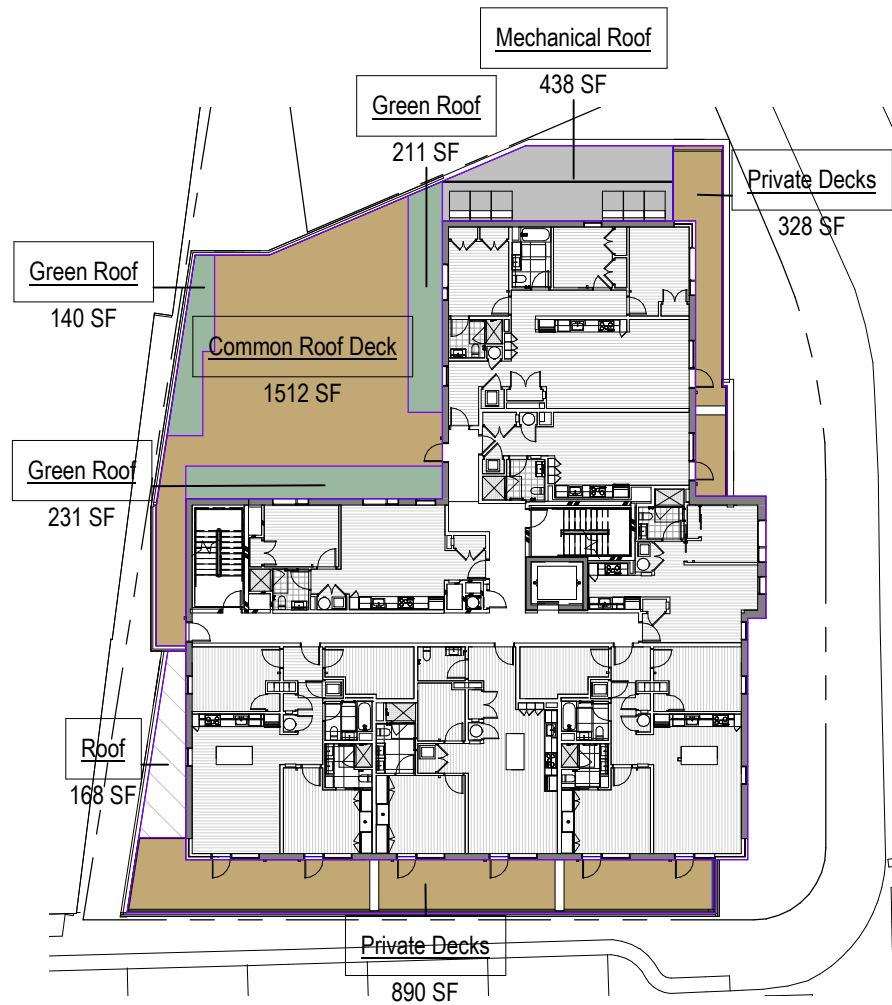
Members of the Cambridge Planning Board,

In regard to the Special Permit Application for the project at 1043 Cambridge Street, we are submitting supplemental information (Sheet A006, dated 08/10/2021) to demonstrate compliance with the Green Roof Ordinance (Zoning Section 22.30).

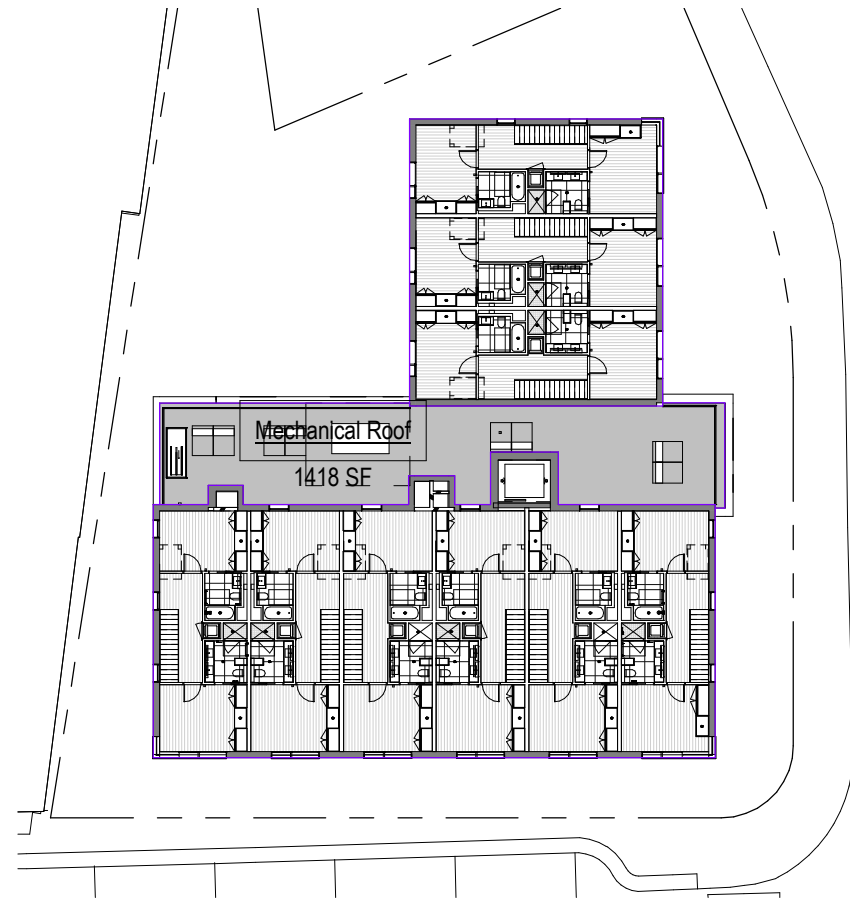
Thank you,

A handwritten signature in black ink, appearing to read 'M. Leblanc', with a stylized flourish at the end.

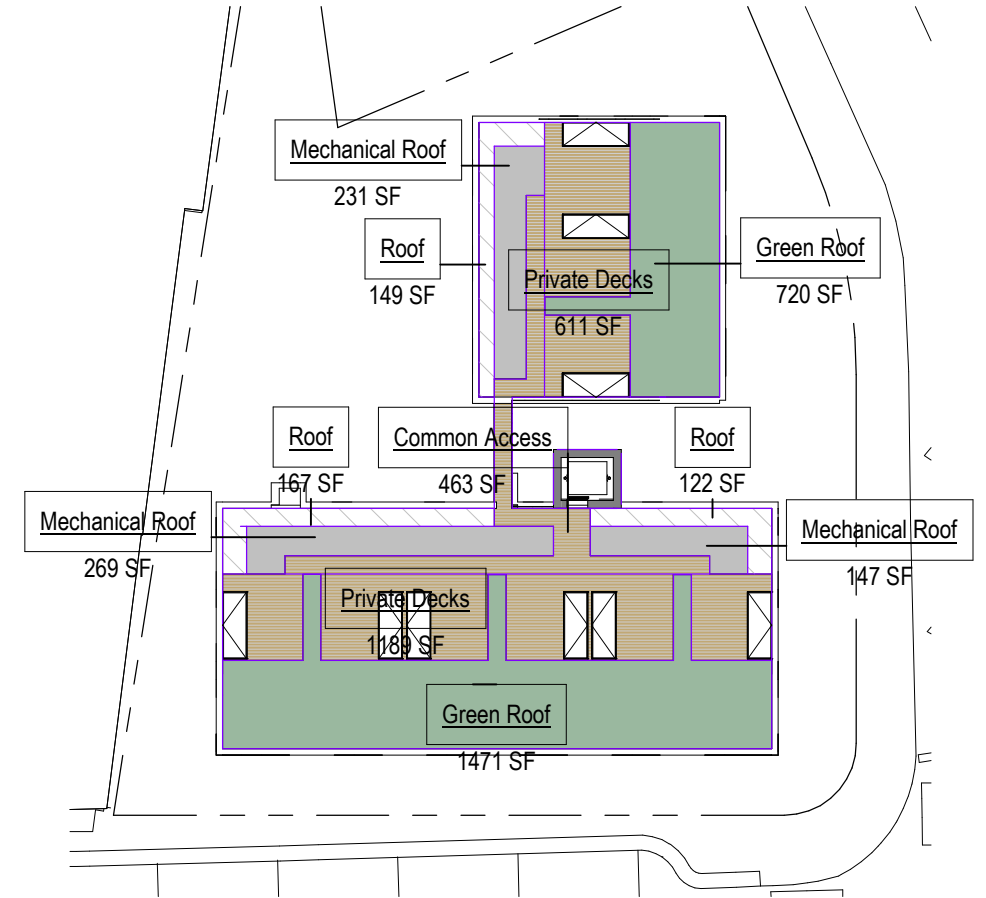
Michael Leblanc, Principal
Utile



1 FLOOR 2 GREEN ROOF AREAS
1/32" = 1'-0"



2 FLOOR 4 GREEN ROOF AREAS
1/32" = 1'-0"



3 ROOF GREEN ROOF AREA
1/32" = 1'-0"

Green Roof Requirements:

Ordinance No. 2020-25

- 22.35.2 Requirement
 - a. At least 80% of the roof area of the building as measured in plan view, excluding those portions of the roof listed below, shall be devoted to Green Roof Area, Biosolar Green Roof Area, or Solar Energy Systems.
 1. Areas having a slope greater than 3 in 12 or twenty-five percent (25%).
 2. Areas designed and managed for use by building occupants or the general public.
 3. Vehicular parking decks.
 4. Chimneys, water towers, air conditioning equipment, elevator bulkheads, skylights, ventilators and other necessary features appurtenant to buildings which are usually carried above roofs and are not used for human occupancy, in addition to conduit, visual and acoustical screening, access routes for maintenance and service, and other areas that must be clear of obstruction to comply with applicable building and safety codes.

Green Roof Area Calculations

| | ROOF DECK | MECHANICAL ROOF | GREEN ROOF | OPEN ROOF |
|--------------|----------------|-----------------|----------------|---------------|
| SECOND FLOOR | 3311 SF | 438 SF | 582 SF | 168 SF |
| FOURTH FLOOR | | 1418 SF | | |
| ROOF | 2263 SF | 743 SF | 2191 SF | 438 SF |
| TOTAL | 5574 SF | 2599 SF | 2773 SF | 606 SF |

Green Roof Percentage: $2773 / (2773 + 606) = 82\%$

