

Date: _____

CITY OF CAMBRIDGE

BOARD OF ZONING APPEAL

831 Massachusetts Avenue, Cambridge MA 02139

617-349-6100

BZA Application Form

BZA Number: 20	7647
	General Information
The undersigned	hereby petitions the Board of Zoning Appeal for the following:
Special Permit: _	The state of the s
×	DDRESS: 186 Alewife Brook Pkwy #1209, Cambridge, MA 02138
LOCATION OF P	ROPERTY: 401 Concord Ave , Cambridge, MA
TYPE OF OCCU	PANCY: Single Family Dwelling ZONING DISTRICT: Residence B Zone
REASON FOR PI	ETITION:
/Change in Use/C	ccupancy/ /New Structure/
DESCRIPTION	OF PETITIONER'S PROPOSAL:
setbacks, 2) reduc	s Variance relief to 1) construct a new two-family dwelling on a corner lot within the two front yard be the minimum lot area per dwelling unit from 2,500 sf / D.U. to 1,957 sf / D.U., 3) increase the 0.93, and 4) reduce the minimum dimensions of private open space.
SECTIONS OF Z	ONING ORDINANCE CITED:
Article: 5.000 Article: 8.000 Article: 10.000	Section: 5.31 (Table of Dimensional Requirements). Section: 8.22.3 (Non-conforming Structure). Section: 10.30 (Variance).
	Original Signature(s): (Petitioner (s) / Owner) Andrew Plumb
	Address: Tel. No. E-Mail Address: (Print Name) 186 A VEWIFE BRIVE PEWY # 1209 (617) 458-1410 CAMBRUS 6E, MA andrew@aamodtplumb.com

02138

BZA Application Form

DIMENSIONAL INFORMATION

Applicant: 401 Concord Ave, LLC

Present Use/Occupancy: Single Family Dwelling

Location:

401 Concord Ave , Cambridge, MA

Zone: Residence B Zone

Phone: (617) 458-1410

Requested Use/Occupancy: Two Family Dwelling

		Existing Conditions	Requested Conditions	Ordinance Requirements	
TOTAL GROSS FLOOR AREA:		1,756	3,645	1,957	(max.)
LOT AREA:		3,914	3,914	5,000	(min.)
RATIO OF GROSS FLOOR AREA TO LOT AREA: ²		0.45	0.93	0.50	
LOT AREA OF EACH DWELLING UNIT		3,914	1,957	2,500	
SIZE OF LOT:	WIDTH	40	40	50	
	DEPTH	100	100	100	
SETBACKS IN FEET:	FRONT	14'-5" (Concord Ave side of corner lot)	9'-0" to Covered Porch, 15'-0" to Building (Concord Ave side of corner lot))	15'-0" (Concord Ave side of corner lot)	
_	REAR	8'-2" (Corporal Burns Road side of corner lot)	11'-0" (Corporal Burns Road side of corner lot)	15'-0" (Corporal Burns Road side of corner lot)	
	LEFT SIDE	4'-6" (East Side Yard)	7'-6" (East Side Yard)	7'-6" (East Side Yard, per 5.21.1)	
	RIGHT SIDE	8'-0" (North Side Yard)	22'-6" (North Side Yard)	7'-6" (North Side Yard, per 5.21.1)	
SIZE OF BUILDING:	HEIGHT	24'-9"	35'-0"	35'-0"	
	WIDTH	41'-6" house, 18'-0" garage	68'-6" including 6'-0" front porch	N/A	
	LENGTH	24'-6" house, 18'-0" garage	21'-6"	N/A	
RATIO OF USABLE OPEN SPACE TO LOT AREA:		per 5.22.1, 49% (770 SF), per 5.22.3, 92% (1,437 SF)	per 5.22.1, 50% (785 SF), per 5.22.3, 76% (1,187 SF)	per 5.22.1, 50% (783 SF), per 5.22.3, 50% (783 SF)	
NO. OF DWELLING UNITS:		1	2	2	
NO. OF PARKING SPACES:		2	2	1 per D.U.	
NO. OF LOADING AREAS:		0	0	0	
DISTANCE TO NEAREST BLDG. ON SAME LOT		17'-9"	N/A	N/A	

Describe where applicable, other occupancies on the same lot, the size of adjacent buildings on same lot, and type of construction proposed, e.g; wood frame, concrete, brick, steel, etc.:

There is an existing detached garage on the property. Wood framed and very badly deteriorated.

- 1. SEE CAMBRIDGE ZONING ORDINANCE ARTICLE 5.000, SECTION 5.30 (DISTRICT OF DIMENSIONAL REGULATIONS).
- 2. TOTAL GROSS FLOOR AREA (INCLUDING BASEMENT 7'-0" IN HEIGHT AND ATTIC AREAS GREATER THAN 5') DIVIDED BY LOT AREA.
- 3. OPEN SPACE SHALL NOT INCLUDE PARKING AREAS, WALKWAYS OR DRIVEWAYS AND SHALL HAVE A MINIMUM DIMENSION OF 15'.

BZA Application Form

SUPPORTING STATEMENT FOR A VARIANCE

EACH OF THE FOLLOWING REQUIREMENTS FOR A VARIANCE MUST BE ESTABLISHED AND SET FORTH IN COMPLETE DETAIL BY THE APPLICANT IN ACCORDANCE WITH MGL 40A, SECTION 10.

A) A literal enforcement of the provisions of this Ordinance would involve a substantial hardship, financial or otherwise, to the petitioner or appellant for the following reasons:

The literal enforcement of the provisions of this Ordinance would only allow for a single dwelling unit. The property is zone for and cabable of supporting two dwelling units in a similar manner to several other adjacent properties along Concord Avenue.

A literal enforcement of the Ordinance would prevent the petitioner from expanding the city's inventory of housing and from creating dwelling units of a size and quality that attract and support long term residents in the neighborhood.

The hardship is owing to the following circumstances relating to the soil conditions, shape or topography of such land or structures and especially affecting such land or structures but not affecting generally the zoning district in which it is located for the following reasons:

The hardship is due to the lot having less than the minimum required lot area and width and the fact that the lot is located on a corner. These facts combined with a maximum FAR that was contemplated for larger, more generous lots results in greater restrictions on the number and size of dwelling units than are typically allowed by the ordinance. If literally enforced, the Ordinance would require a single family home to be built on a lot that is zoned for and can readily support a two-family dwelling.

C) DESIRABLE RELIEF MAY BE GRANTED WITHOUT EITHER:

1) Desirable relief may be granted without substantial detriment to the public good for the following reasons:

The proposed dwelling continues the existing pattern of two family buildings along Concord Avenue, stays within the district height limit, conforms to City of Cambridge dormer guidelines, will be a high performance, all electric building and will contribute to the City's storm water management goals with landscaped, permeable yards and an on site infiltration system.

The existing dwelling and detached garage have been neglected for decades, are uninhabitable and beyond repair. The existing structures are a blight in an otherwise lovely neighborhood. The proposed dwelling will provide new, sustainably built, additional housing to the neighborhood.

The size and massing of the propsed dwelling relates to both those along Concord Avenue and Corporal Burns Road with its use of covered porches on the Concord Avenue facade and by breaking down the massing into two volumes on the Corporal Burns Road side. The proposed front entries for both units face Corporal Burns Road which will further enliven the streetscape and give a human scale at a busy intersection.

2) Desirable relief may be granted without nullifying or substantially derogating from the intent or purpose of this Ordinance for the following reasons:

Among the purposes of the Ordinance are to "encourage the most rational use of land throughout the city" and "the protection of residential neighborhoods from incompatible activities." Granting the requested relief will continue a well established and good pattern of development along Concord Avenue. It will increase the amount of housing in the neighborhood while respecting the scale of the homes that are already present. This is a rational use of the land and protective of the integrity of the neighborhood.

There are many two family properties located long Concord Avenue and along Corporal Burns Road.

All of the two family dwellings along Concord Avenue occupy lots that have less that the required lot area and width and each of these properties exceed the maximum FAR indicated by the Ordinance. Accordingly, for any of these dwellings to be built today, similar relief would be requested.

Granting relief for this proposal would allow a reasonable proposal to move forward and build a 21st century version of the dwellings that compose the fabric of this neighborhood. Relief would not set a precedent that derogates from the intent of purpose of the Ordinance because the type of relief being sought is similar to conditions that already exist in the surrounding neighborhood.

*if you have any questions as to whether you can establish all of the applicable legal requirements, you should consult with an attorney.

BZA APPLICATION FORM - OWNERSHIP INFORMATION

To be completed by OWNER, signed before a notary and returned to The Secretary of the Board of Zoning Appeals.

I/We Andrew Plumb
(Ontract)
Address: 64 GRAFTON STREET, ARUNGTON, MA 02474
401 CONCORD AVE
State that I/We own the property located at
which is the subject of this zoning application.
The record title of this property is in the name of
401 CONCORD AVE, LLC
*Pursuant to a deed of duly recorded in the date 10/7/2022, Middlesex South
County Registry of Deeds at Book 80803 , Page 191; or
Middlesex Registry District of Land Court, Certificate No
Book Page
SIGNATURE BY LAND OWNER OR AUTHORIZED TRUSTEE, OFFICER OR AGENT*
triittee eeideen of Beerte eterdies to moreover solities on the moreover
*Written evidence of Agent's standing to represent petitioner may be requested.
Commonwealth of Massachusetts, County of
The above-name Aldrew PlumB personally appeared before me,
this of
Contract of the second of the
Notary
My commission expires (Notary Seal) KHAWLAAOUE
Notary Public Massachusetts My Commission Expires Aug 23, 2024 Notary Public Massachusett My Commission E Aug 23, 2024
• If ownership is not shown in recorded deed, e.g. if by court order, recent deed, or inheritance, please include documentation.

Pacheco, Maria

From:

Alan Price <ap02138@gmail.com> Monday, February 6, 2023 4:03 PM

Sent:

Gina LaRoche; Pacheco, Maria

Subject:

RE: 401 Concord Avenue, Case No. BZA 207647

TO: The Boards of Zoning Appeals, Cambridge, MA

FROM: Alan Price & Gina LaRoche at

7 Corporal Burns Rd, Cambridge, MA 02138

DATE: Monday, February 6th, 2023

RE: 401 Concord Avenue, Case No. BZA-207647

We write in opposition to the development (as currently proposed) at 401 Concord Avenue. There is general agreement in the neighborhood that the developer is a good, friendly, and collaborative person, and there is a general willingness to accommodate him. We can personally attest to the amount of time and attention he has invested in partnering with the neighbors to gather input. However, the fact remains that the requests to overbuild the site have not been justified and will certainly have a negative impact both in this instance and as a precedent for future developments.

Community concerns (almost doubling the FAR!) have been met with cosmetic improvements, which are nice but do not address the true concerns that have been raised. The developer claims hardship, but does not substantiate any real hardship. The developer claims that this development will welcome families into the neighborhood, but his vision for attracting families is unrealistic and self-serving.

The developer purchased the lot and building with full knowledge of the FAR and other constraints/regulations and has failed to demonstrate any reason to be granted an exception. As you may notice, none of the abutting neighbors actually support this proposed project. They have essentially stood aside (effectively abstained) by neither opposing nor supporting the development. We do not agree with this approach. We welcome this developer but we do not welcome this proposed development.

The Developer has stated on numerous occasions that if he cannot get the requested exemptions, he would simply build a single family home that does comply with the FAR. We find this to be a perfectly acceptable Plan B.

Thank you for considering our concerns. Yours, Alan Price and Gina LaRoche 7 Corporal Burns Road



City of Cambridge

MASSACHUSETTS

BOARD OF ZONING APPEAL

831 Mass Avenue, Cambridge, MA. (617) 349-6100

BZA

POSTING NOTICE - PICK UP SHEET

The undersigned picked up the notice board for the Board of Zoning Appeals Hearing.

Name:	Andrew Plumb (Print)	Date: 1 24 2 2 3
Address:	401 Concord Are	· · · · · · · · · · · · · · · · · · ·
Case No	BZA-207647	*
Hearing D	Pate: $\frac{2/9/23}{}$	*

Thank you, Bza Members



186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 617.876.9300

info@aamodtplumb.com www.aamodtplumb.com

February 3, 2023

Board of Zoning Appeal 831 Massachusetts Avenue Cambridge, MA 02139

RE: Community Outreach Process for 401 Concord Avenue BZA Application No. 207647

Dear Members of the Board,

Prior to submitting our application to the BZA, we conducted an extensive Community Outreach Process that I would like to summarize here and have included as part of our application.

As Architects and Builders, we believe it is important to engage with the community we intend to build within as early in the design process as possible. It is important to meet the people who will be directly affected by and will live near our project in order to understand their point of view, any concerns they might have about the project and to provide an opportunity for interested parties to provide input into the design process.

We began our community outreach process for 401 Concord Ave in October of 2022 and prior to having any specific design in place for the project. We first wanted to meet interested members of the community and to have them meet us and learn about our approach to design and construction. What followed were several rounds of zoom meetings and design updates to clarify the primary concerns of the neighborhood and to show how the design of the project was responding to the feedback we were receiving.

We believe that we had a robust community discussion and that the design of the project evolved in meaningful ways as a direct result of this process. A high



level timeline of our community process is summarized below. Materials that were presented at each touchpoint are included as well for reference.

Summary of how the Community Process shaped the final Design

- A single volume massing located towards Concord Ave was chosen to give space to the abutter at 8 Corporal Burns Road and to have the new building sit in line with adjacent two families along Concord Ave.
- FAR was reduced from the early proposals.
- Windows were changed to double hung to give a more personal scale and to relate more to other existing homes in the neighborhood.
- Porches were added along Concord Ave to relate architecturally with the adjacent homes.
- The massing along Corporal Burns Road was broken into two volumes each of a similar width to the adjacent single families.
- Dormers were reduced in size, lowered in height and moved in from the edges of the main roof to reduce their scale.

Community Outreach Timeline

Week of October 24, 2022

- Flyering
 - Flyers were placed in mailboxes of all dwelling units along Fern
 St, Corporal Burns Rd and Alpine St as well as along Concord Ave
 and Field St between Fern St and Alpine St.
 - The purpose of the flyers was to invite interested members of the neighborhood to a Zoom meeting and Question and Answer Session about the forthcoming project at 401 Concord Avenue.

November 2, 2022

- Community Meeting 1 via Zoom
 - This was a meet and greet where we introduced ourselves as the Architects and Builders for the project and explained the Mission of our work and our relationship to the developer for the project. We explained our goals for the project and why we chose this particular property.



December 1, 2022

- Community Meeting 2 via Zoom
 - We presented the zoning requirements at the property and the types of relief that we would be requesteing from the BZA.
 - We presented three options for the massing and location of the proposed new building on the property and how it related to the adjacent buildings.
 - We presented street level perspectives of the different options.
 - This meeting was recorded and made available to all interested parties who couldn't make the meeting in person.

Feedback from Attendees

- The abutter at 8 Corporal Burns Road expressed a preference for the schemes which located the new building furthest away from their property as they had a bay window on the side of their house facing the new project and were planning to install solar panels and were concerned about shadows on their roof.
- Shadow studies were requested.
- Some attendees expressed concerns about Option C which had two volumes feeling too massive.
- Some attendees expressed that they needed to see more detail about the design including exterior windows and floor plans in order to understand the design better.
- A comparison of the footprint of the new building vs the existing building was requested.
- Some attendees asked for a more specific description of the types of relief we were seeking.
- Some attendees asked whether we could reduce the amount of FAR further.
- Some attendees asked how much the third floor was contributing to the proposed FAR.

• Response to feedback

 We decided to pursue a design strategy with a single building volume aligned to the Concord Ave end of the property. This would give more space to the abutter at 8 Corporal Burns Rd and would give us a massing more similar to the adjacent two family dwellings along Concord Ave.



- We prepared more detailed 3D views and floor plans.
- We prepared a comparison of the existing vs proposed footprints.
- We prepared a more detailed accounting of the relief we were seeking.
- We reduced the FAR in the design from 0.95 to 0.89

December 13, 2022

- Community Meeting 3 via Zoom
 - Animated shadow studies were presented of the three options previously presented.
 - An elaborated design for Option A, a single building volume aligned to the Concord Ave end of the property was presented.
 - 3D views showing exterior windows & doors and floor plans were presented.
 - We clarified the reduction in FAR from 0.95 to 0.89 and that we were now proposing to move the building 5 feet further away from Concord Ave to make the building set more in line with adjacent two families along Concord Ave.
 - This meeting was recorded and made available to all interested parties who couldn't make the meeting in person.

Feedback from Attendees

- Some attendees expressed that the dormers seemed too large or projected too much from the main roof of the building.
- Some attendees expressed that the windows seemed too sharp in their appearance.
- Further discussion about what was driving the size of the proposed units.

Response to Feedback

• We prepared a follow up presentation and recording to clarify the main points raised by attendees.

December 16, 2022

- Design Update Email & Video Recording
 - An FAR analysis of the existing adjacent two family properties along Concord Ave was presented showing that all of these properties currently exceed the Ordinance requirement.

Aamodt / Plumb

- A comparison of historic vs modern construction methods was presented to explain one of the reasons why modern buildings would require more FAR than historic ones for the same amount of interior space.
- We explained that our proposal was seeking 0.2 FAR above the average of the adjacent properties in order to build a modern, high performance version of the two families that are already there.

Week of December 19, 2022

- Further Conversations with Interested Parties
 - We reached out to all of the participants of the prior zoom meeting and requested further feedback about the project from them if they were interested. Several parties reached out and we conducted one on one phone calls with them to understand what parts of the project they supported and what parts they had concerns about if any.

• Feedback from conversations

- The approach of building 2 units with their entries facing Corporal Burns Road made sense to everyone and they supported it.
- All parties commented on wanting the new building to feel like it was trying to be a part of the neighborhood and that it was related to both the buildings on Concord Avenue and on Corporal Burns.
- There was less concern about the specific FAR of the proposed building and more about wanting to make the scale of the building feel right.

• Response to Feedback

• We prepared an update to the design that addressed these concerns by adding porches on the Concord Ave side to relate with the abutting two families and by creating a 2nd floor balcony carve-out on the Corporal Burns Side to break up the massing along that face of the building. Effectively making the building read more like two of the single families that are adjacent to the property along Corporal Burns.



• We also changed most windows to double hung and reduced the scale and feel of the dormers.

January 19, 2023

- Design Update Email
 - o Following all of the rounds of meetings and one on one conversations, we finalized the design and prepared the submission to the BZA that we are reviewing at the February 9th hearing. We circulated the BZA submission to the community group as we had promised so that they would be well aware of the final proposal prior to the BZA hearing.
- Summary of how the Community Process shaped the final Design
 - A single volume massing located towards Concord Ave was chosen to give space to the abutter at 8 Corporal Burns Road and to have the new building sit in line with adjacent two families along Concord Ave.
 - FAR was reduced from the early proposals.
 - Windows were changed to double hung to give a more personal scale and to relate more to other existing homes in the neighborhood.
 - Porches were added along Concord Ave to relate architecturally with the adjacent homes.
 - The massing along Corporal Burns Road was broken into two volumes each of a similar width to the adjacent single families.
 - Dormers were reduced in size, lowered in height and moved in from the edges of the main roof to reduce their scale.

Week of October 24, 2022 Flyering



Please join us!

Community Input Zoom Meeting Wednesday Nov 2, 2022, 6:30-7:30

Mette Aamodt and Andrew Plumb, partners of Aamodt / Plumb, will make a short presentation followed by a question-and-answer session.

To register for zoom meeting please email andrew@aamodtplumb.com.

November 2, 2022 Community Meeting 1 via Zoom

Who We Are



Mette Aamodt, RA



Andrew Plumb, AIA, LCS

Our Mission is to Create Homes that are Good, Clean and Fair.





Clean



Fair





Please support us in creating two new housing units that are good, clean and fair.

We welcome your questions and comments. Please reach out to andrew@aamodtplumb.com

December 1, 2022 Community Meeting 2 via Zoom



Agenda for Tonight

- Why We Need More Housing
- Zoning Overview & Relief
- Design Options
- Timeline

Our Mission is to Create Homes that are Good, Clean and Fair.



Why We Need More Housing

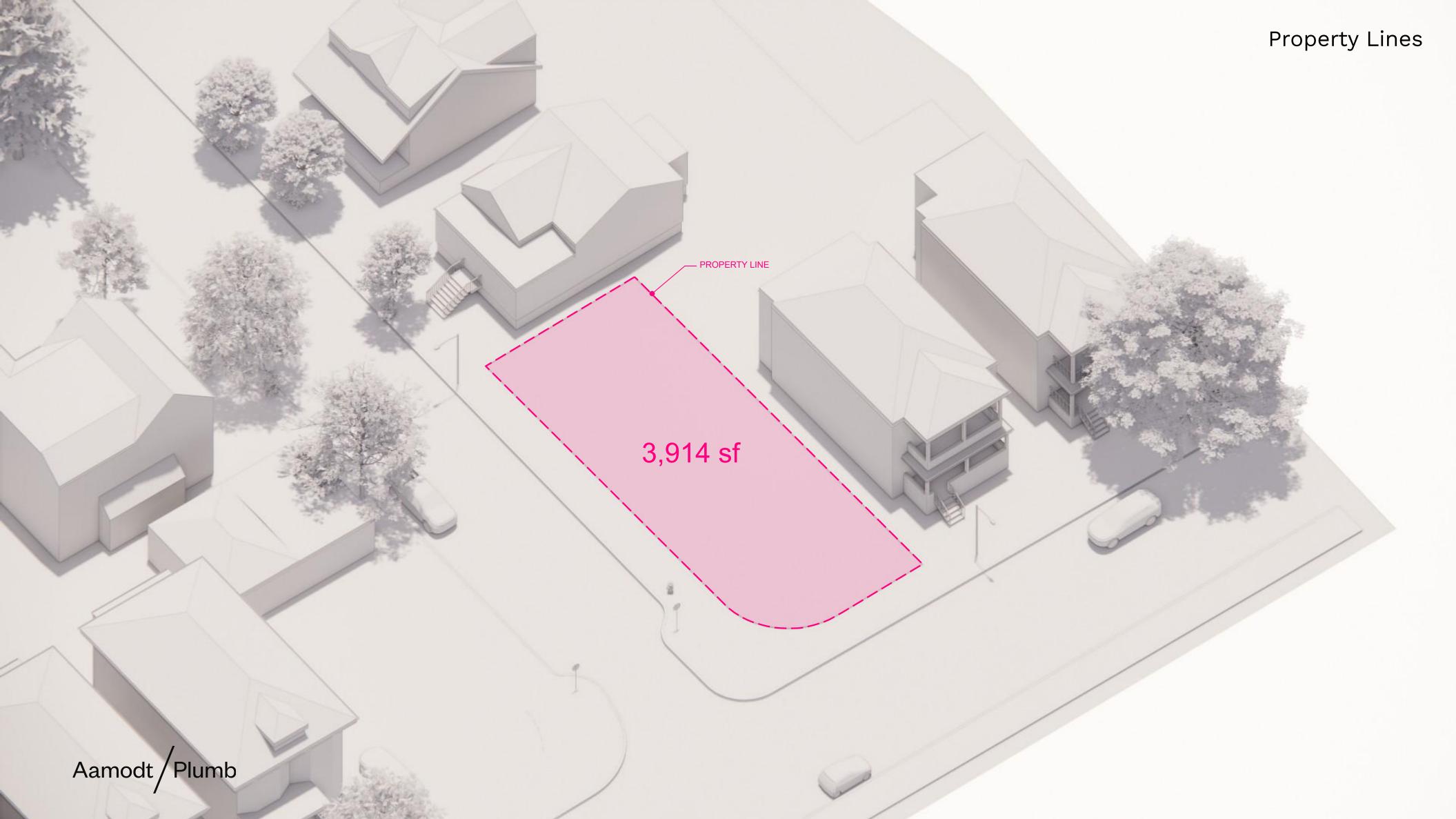
- Housing crisis in the region and in Cambridge specifically
- Cambridge has under 2% vacancy rate
- Affordability crisis driven by lack of supply
- Additional housing units, market rate or affordable, help to relieve housing shortage and affordability
- Zoning in Cambridge has historically been restrictive to excluded people. Zoning adopted in the 1920's was in response to proliferation of multi-family buildings to "maintain Cambridge's genteel quality."
- Much of the beloved housing stock that makes up Cambridge neighborhoods would not be able to be built today without zoning relief

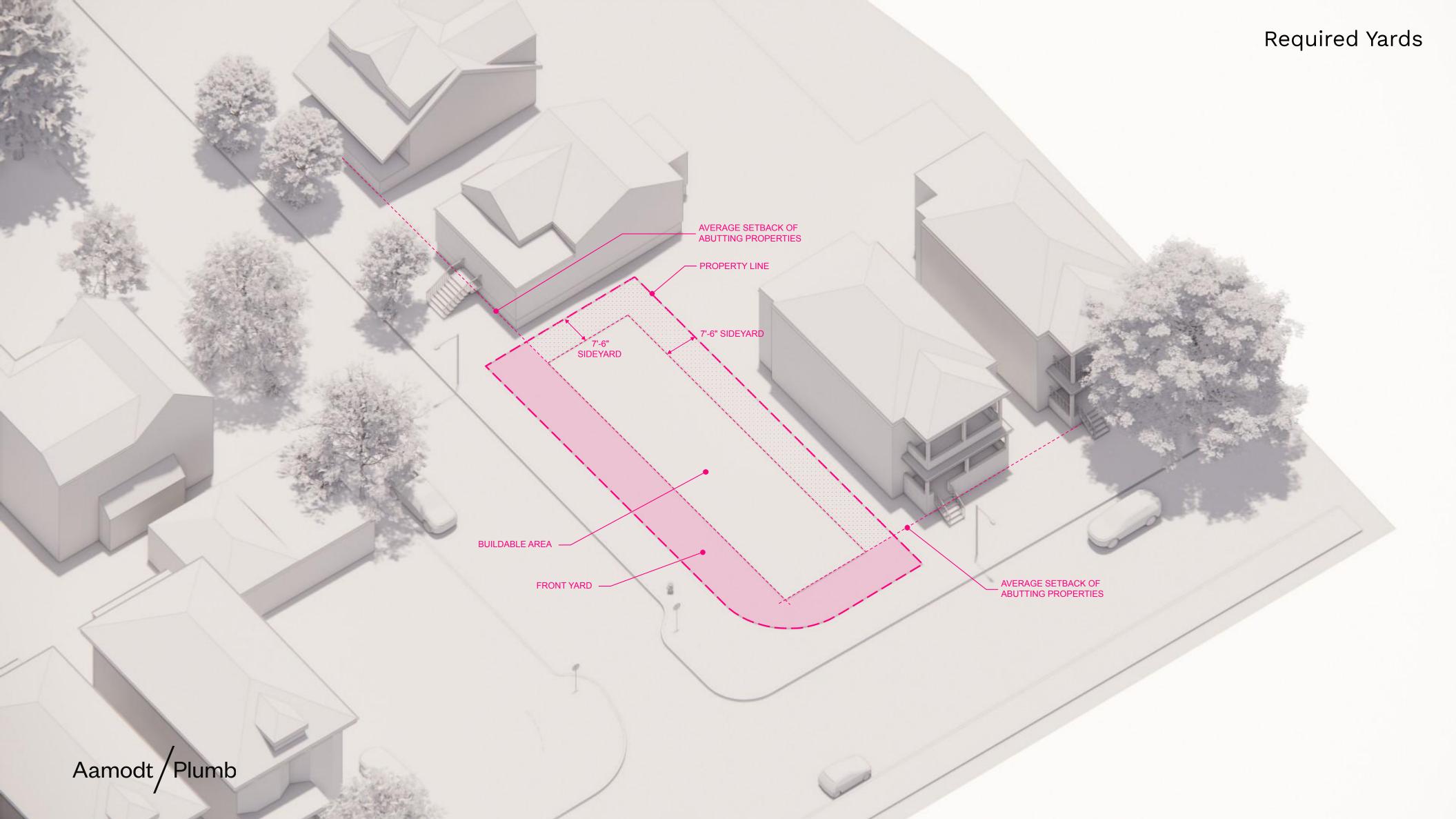
Zoning Overview

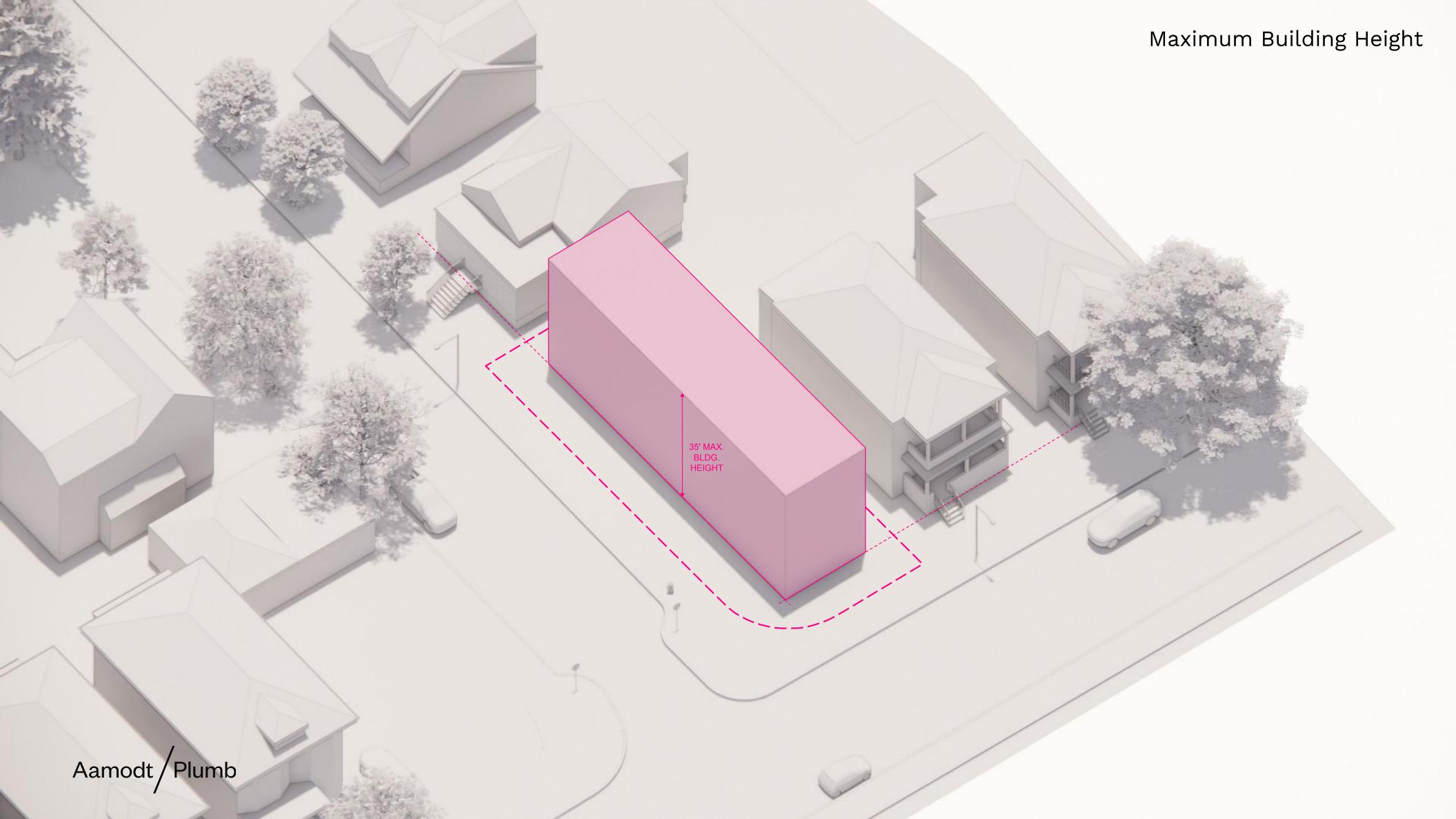
- Residence B District Allows 2 Family or Semi-Detached Dwellings
 - Additional requirements make that difficult
 - Minimum Lot Size is 5,000 sf
 - Minimum Lot Area per Dwelling Unit is 2,500 sf
 - Floor to Area Ratio is 0.5
 - Adhering to these restrictions results in only 1 unit on this lot
- Example: Typical 2 Family on Concord Ave does not meet these Requirements
 - Lot Size is too small
 - Lot Area per Dwelling Unit is too low
 - Floor to Area Ratio is higher
- Proposed 2 Family Requires Some Zoning Relief
 - Lot size is also too small
 - Lot Area per Dwelling Unit is too low
 - Proposed Floor to Area Ratio is higher

Buildable Envelope

- Corner Lot
 - Two front yards and two side yards, no rear yards
 - o Front yard setbacks can align with average of adjacent properties
- Side yard setbacks can be 7'-6" wide
- Maximum building height is 35 feet

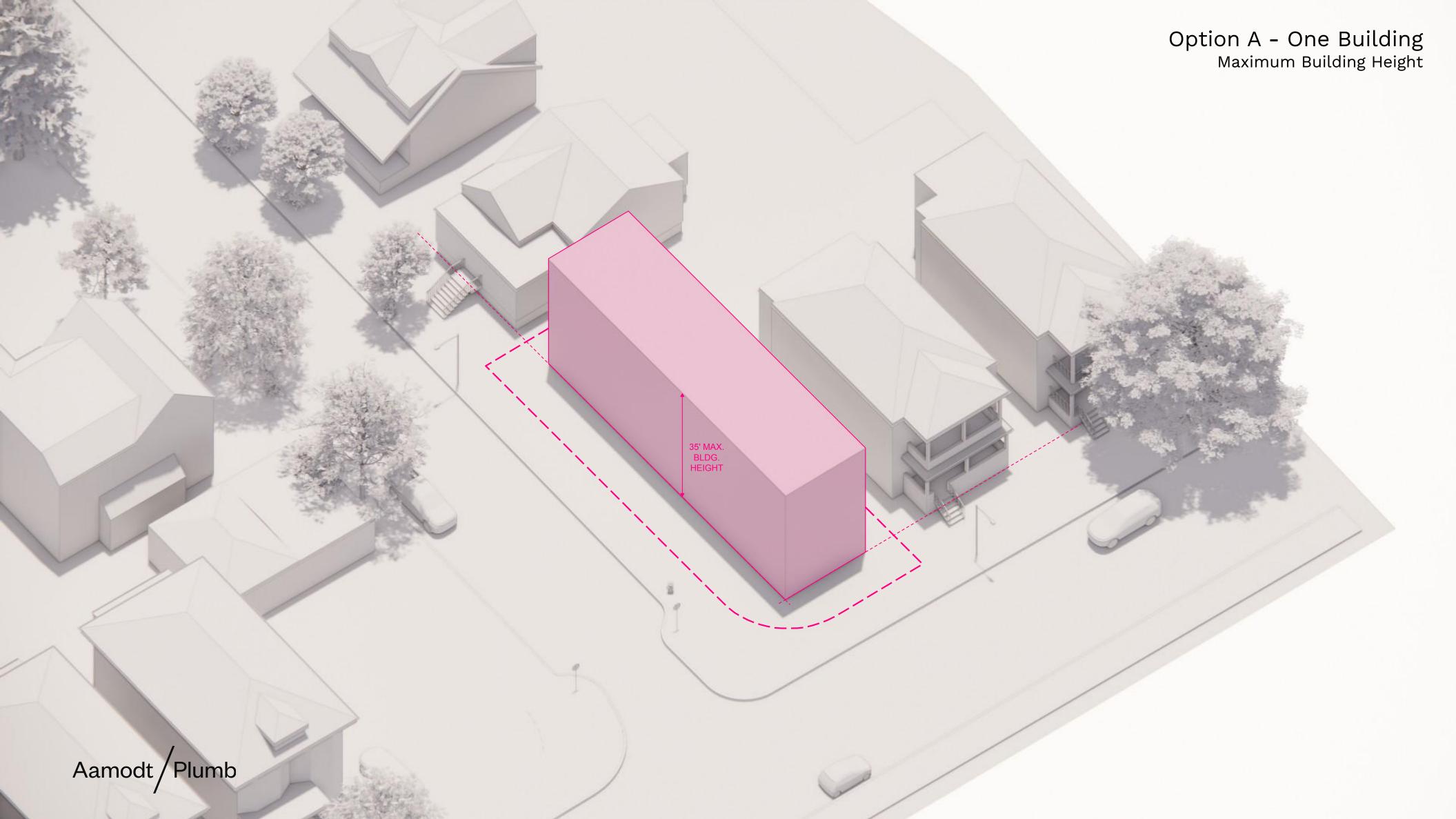


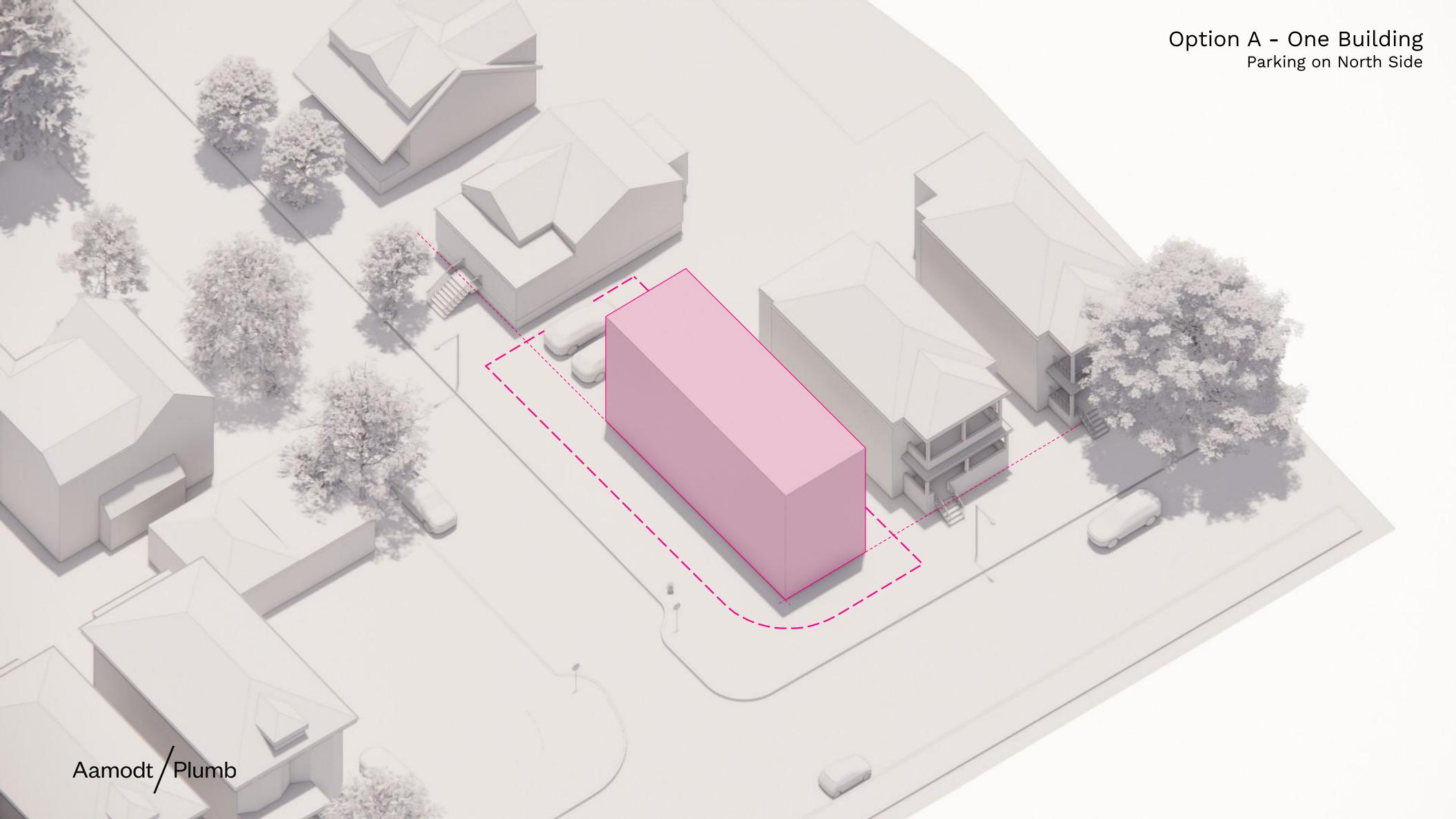


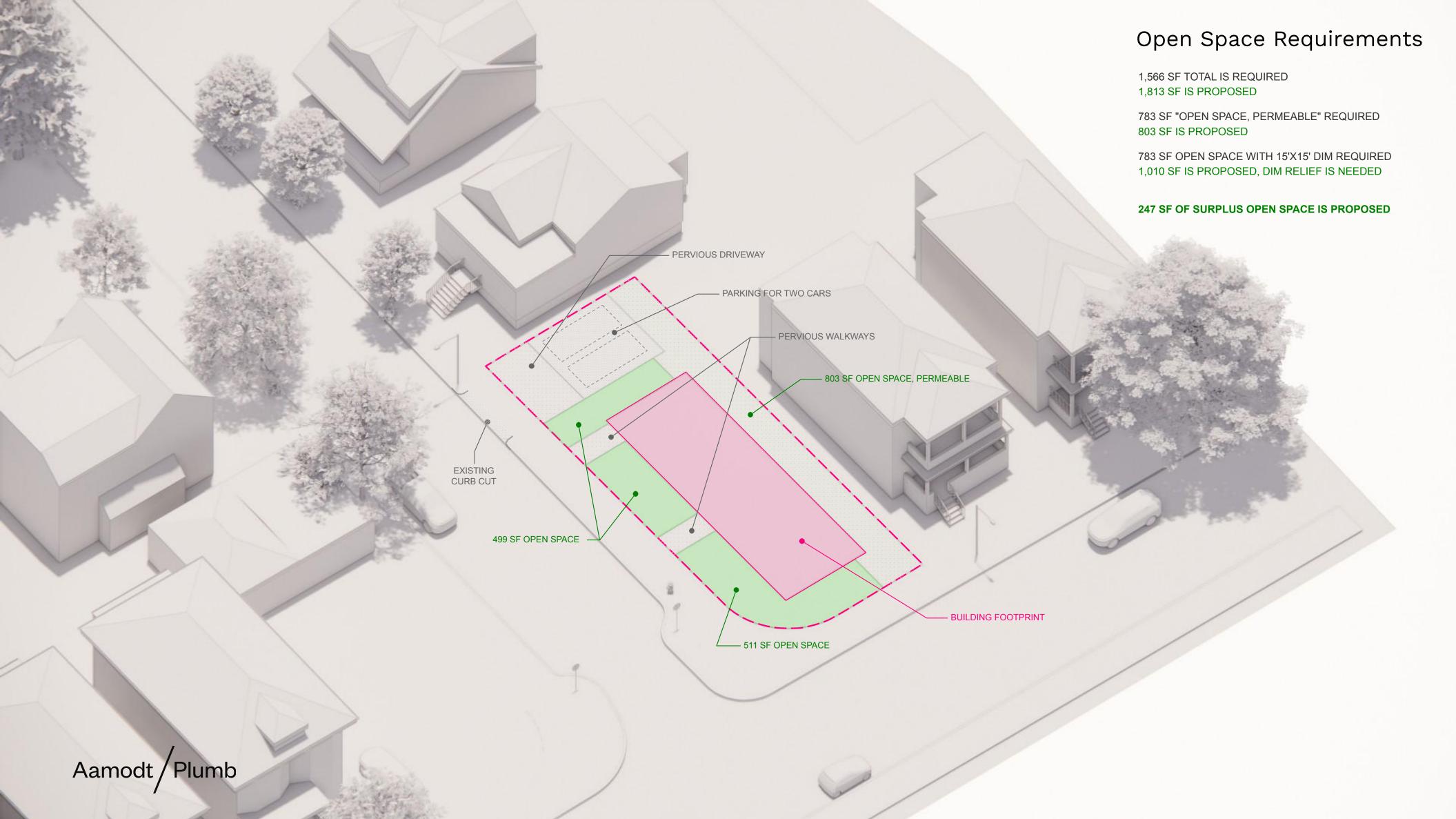


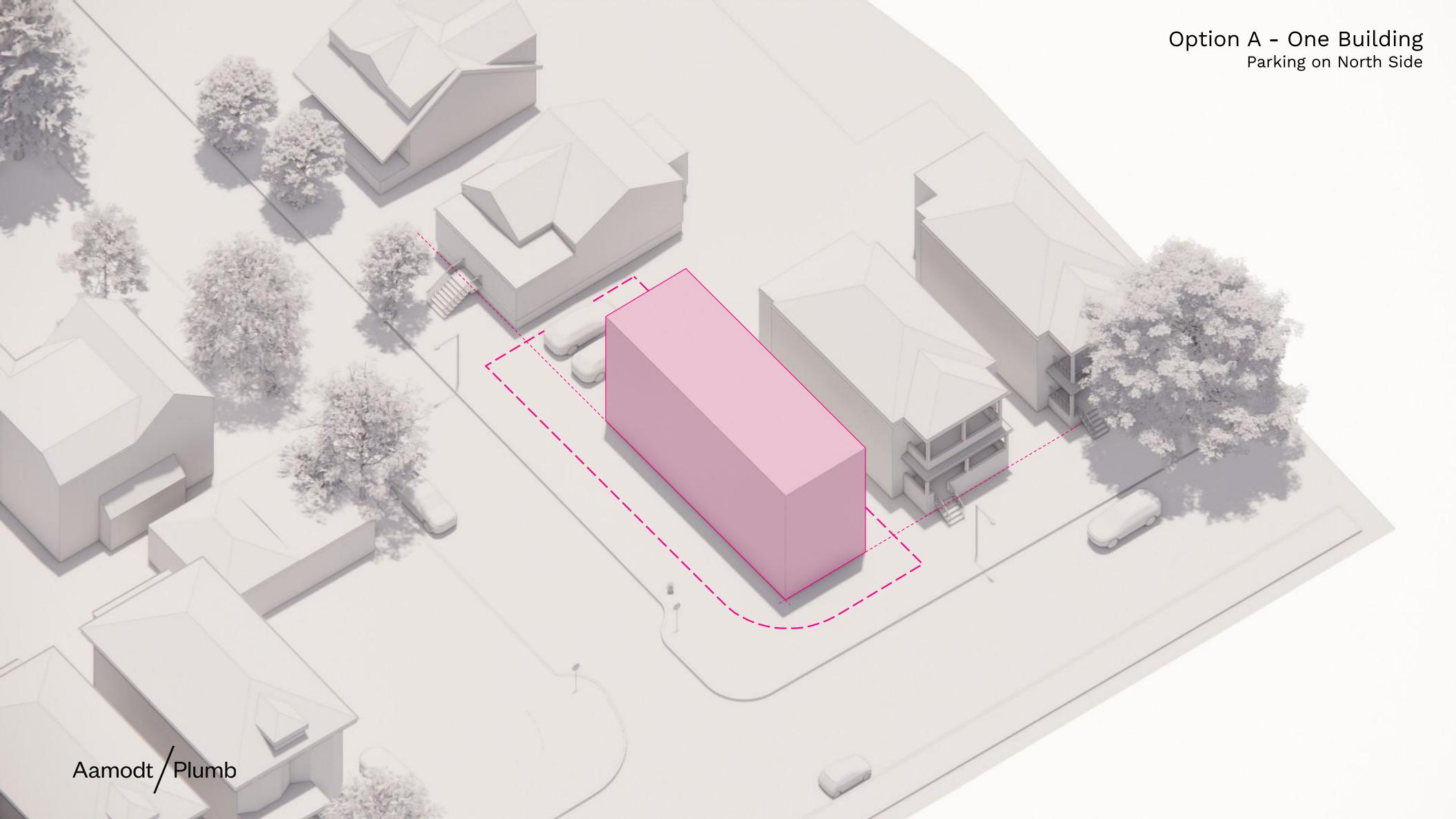
Zoning Relief

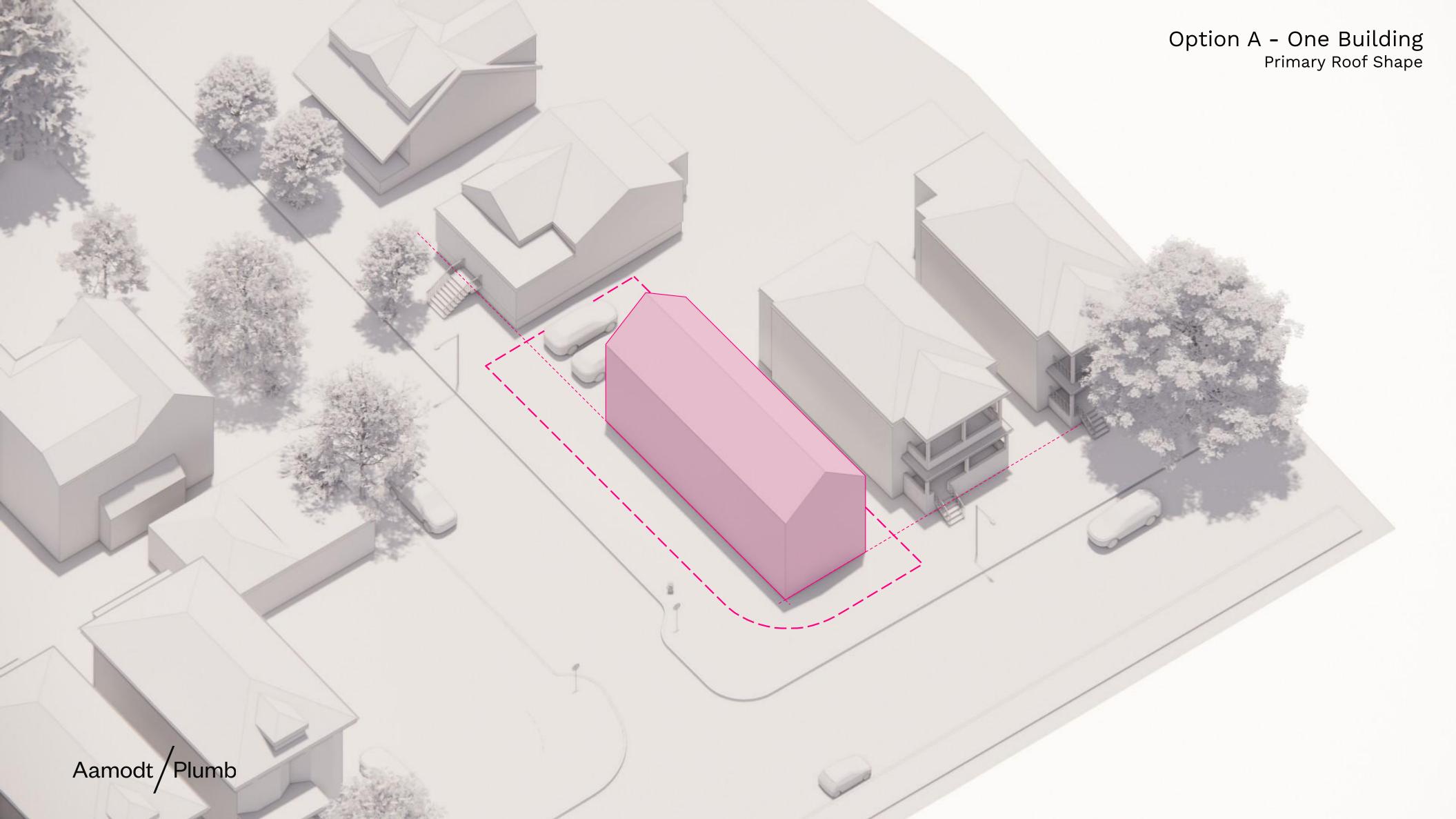
- We Are Seeking Zoning Relief in Order to Build 2 Dwelling Units
- Lot Area per Dwelling Unit
 - We are asking for 1,957 sf per Dwelling Unit
 - o 2,500 sf per Dwelling Unit is allowed as of right
- Floor to Area Ratio
 - We are asking for an FAR of 0.95 which is 3,700 gross sf
 - This allows for two 4 bedroom units with 1,450 net sf above grade
 - o An FAR of 0.5 which is 1,957 gross sf is allowed as of right
 - This would only be enough for 1 Family sized unit with 1,565 net sf above grade
- Open Space Proportion
 - We have more open space than required but need relief on the proportion of some of that space

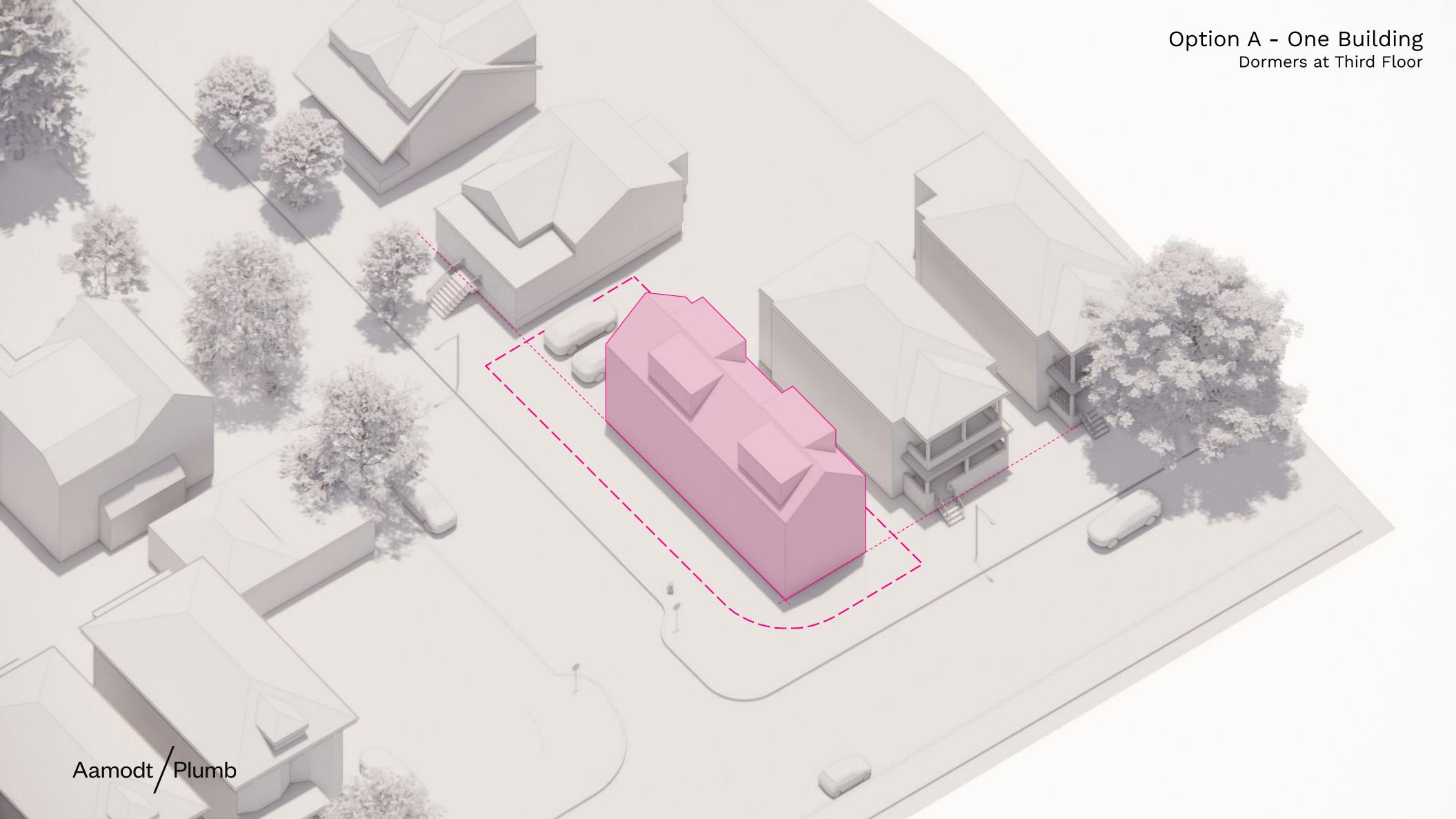


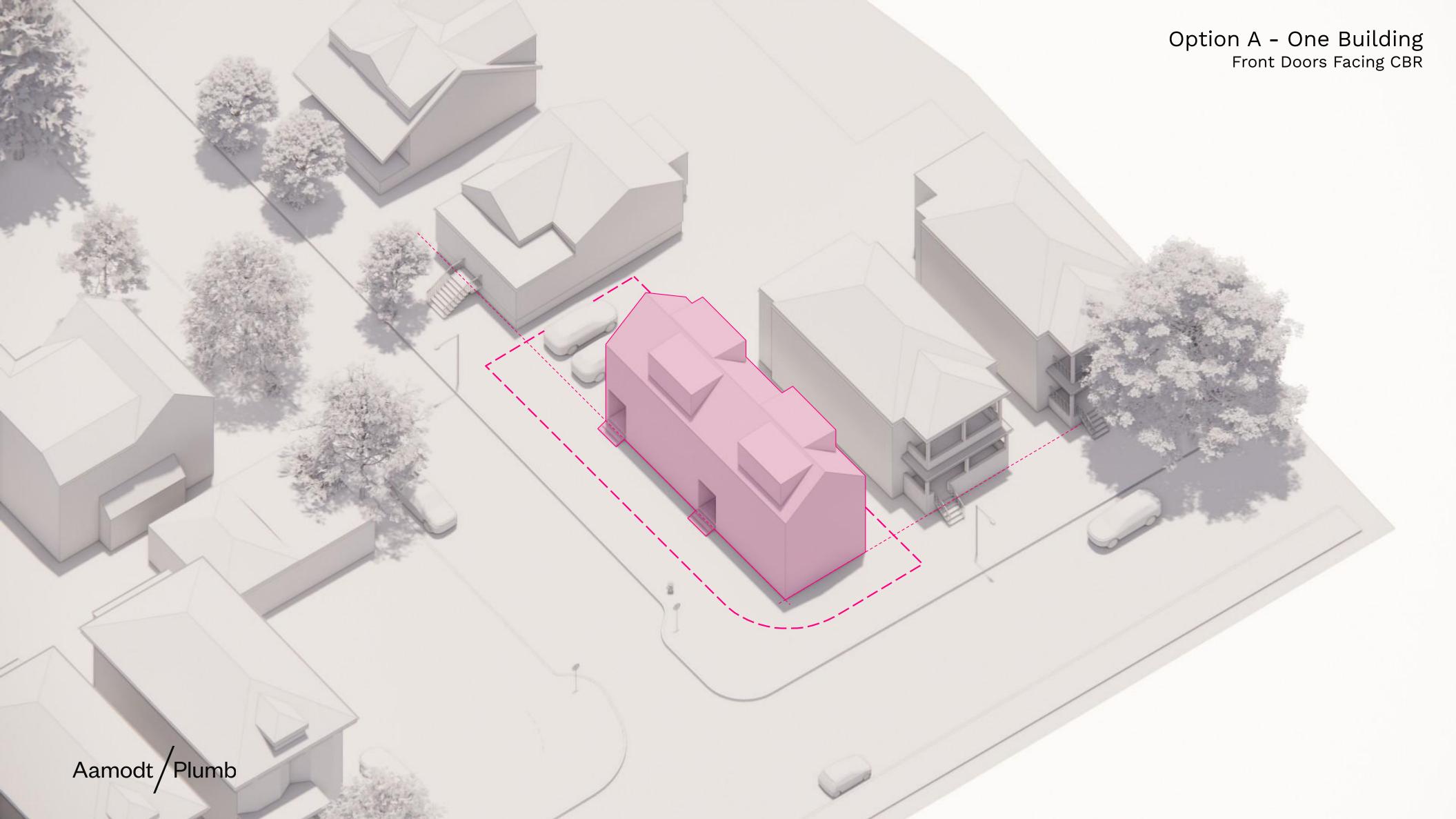








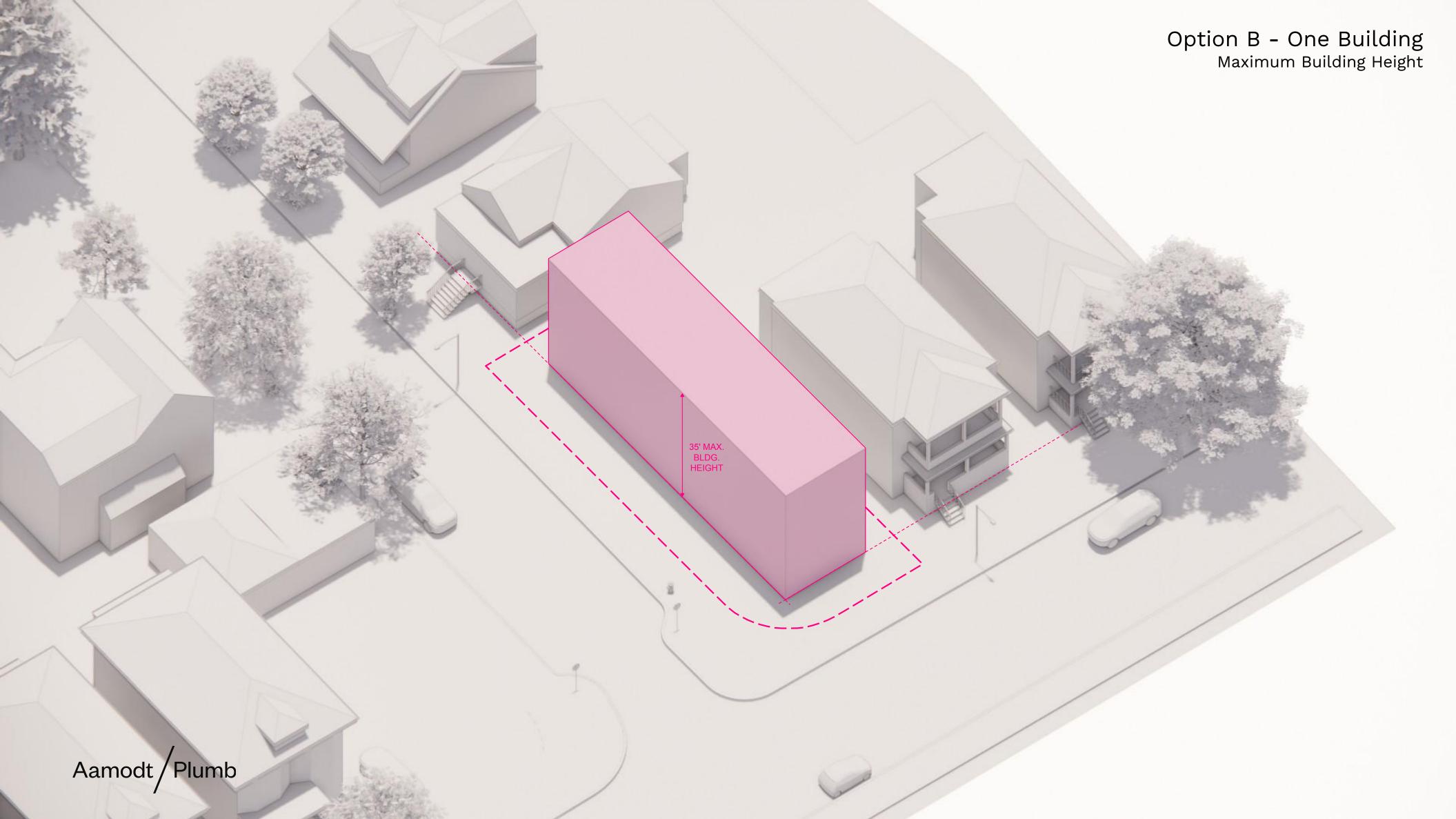


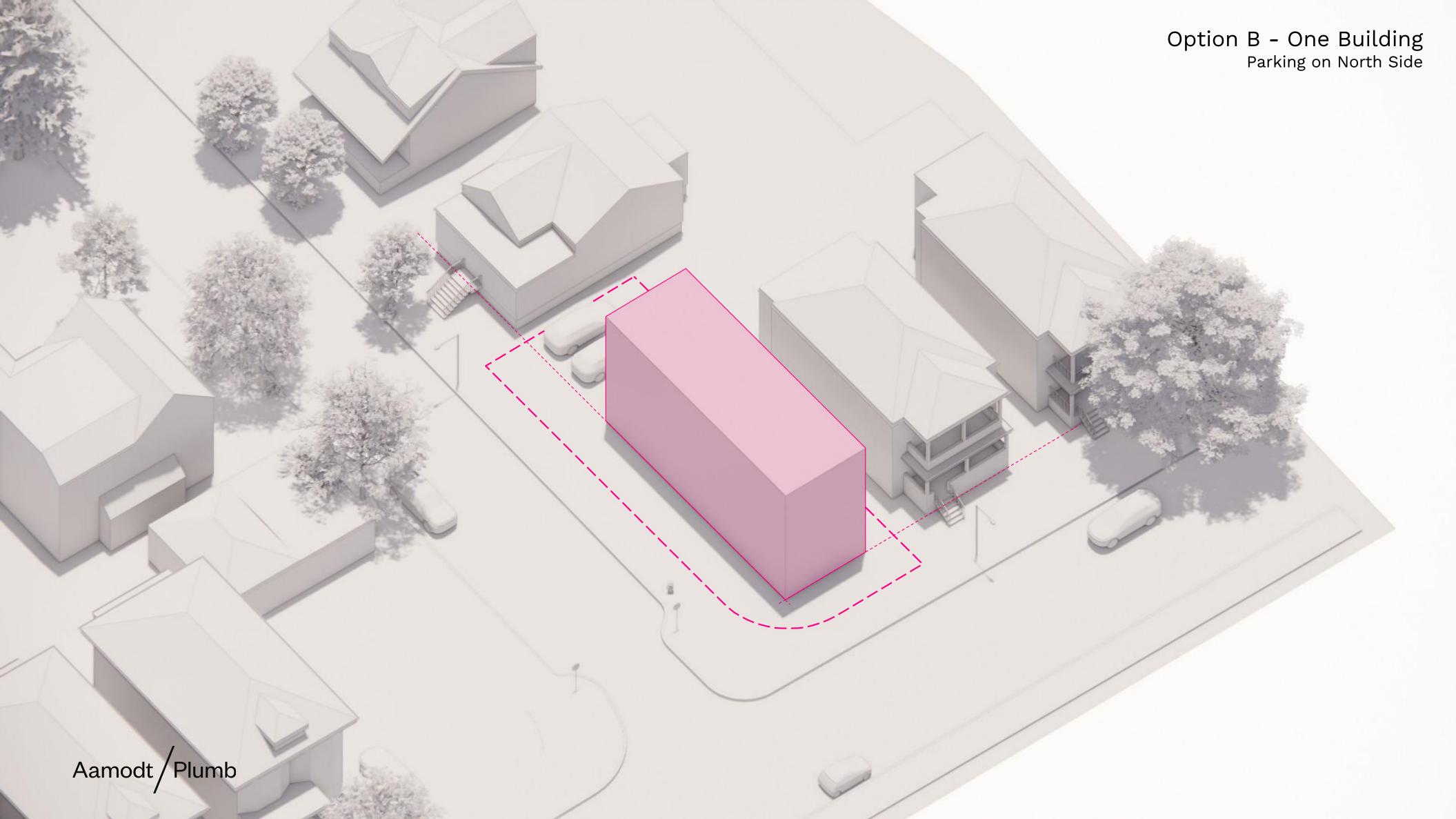


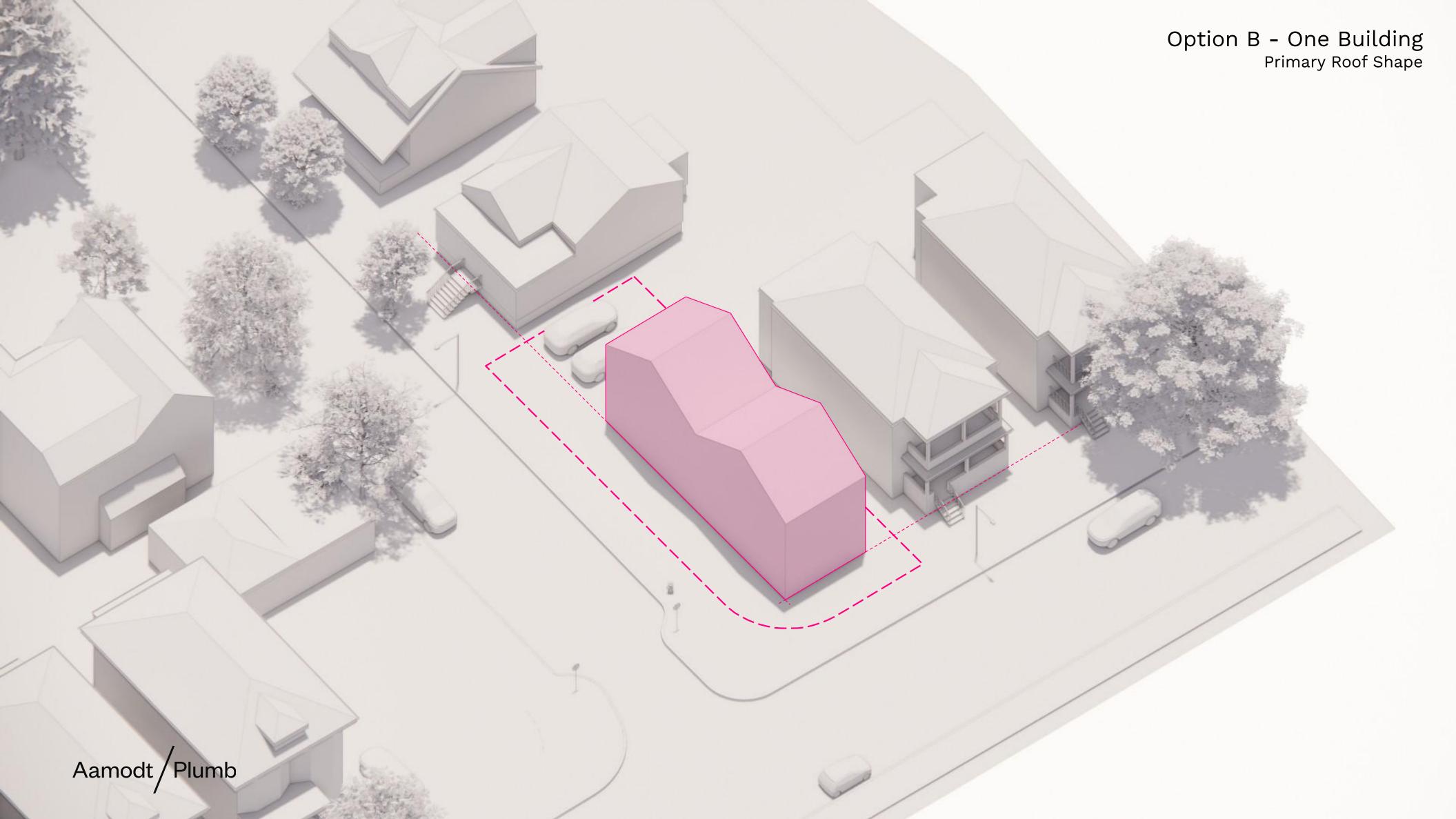


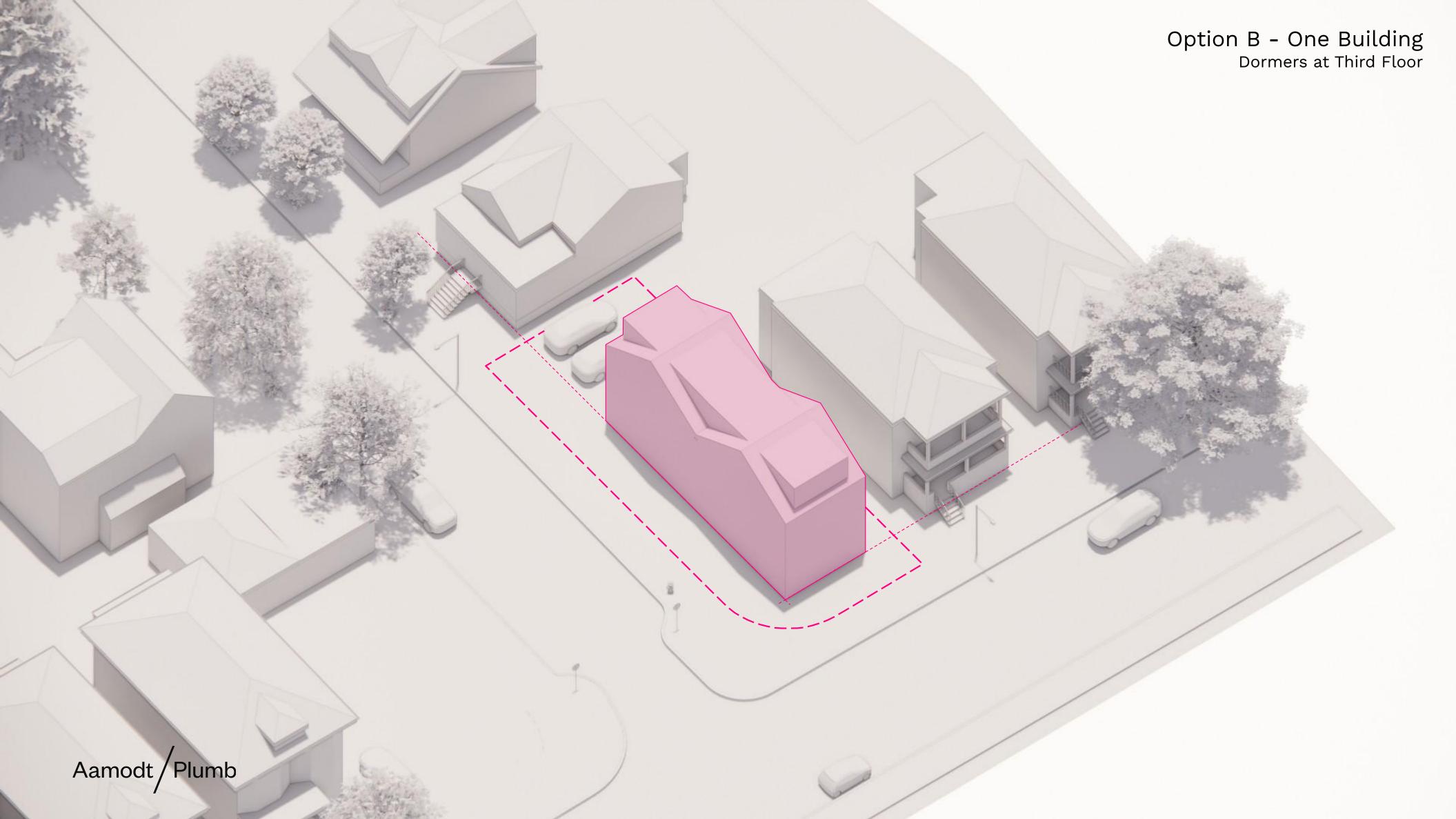


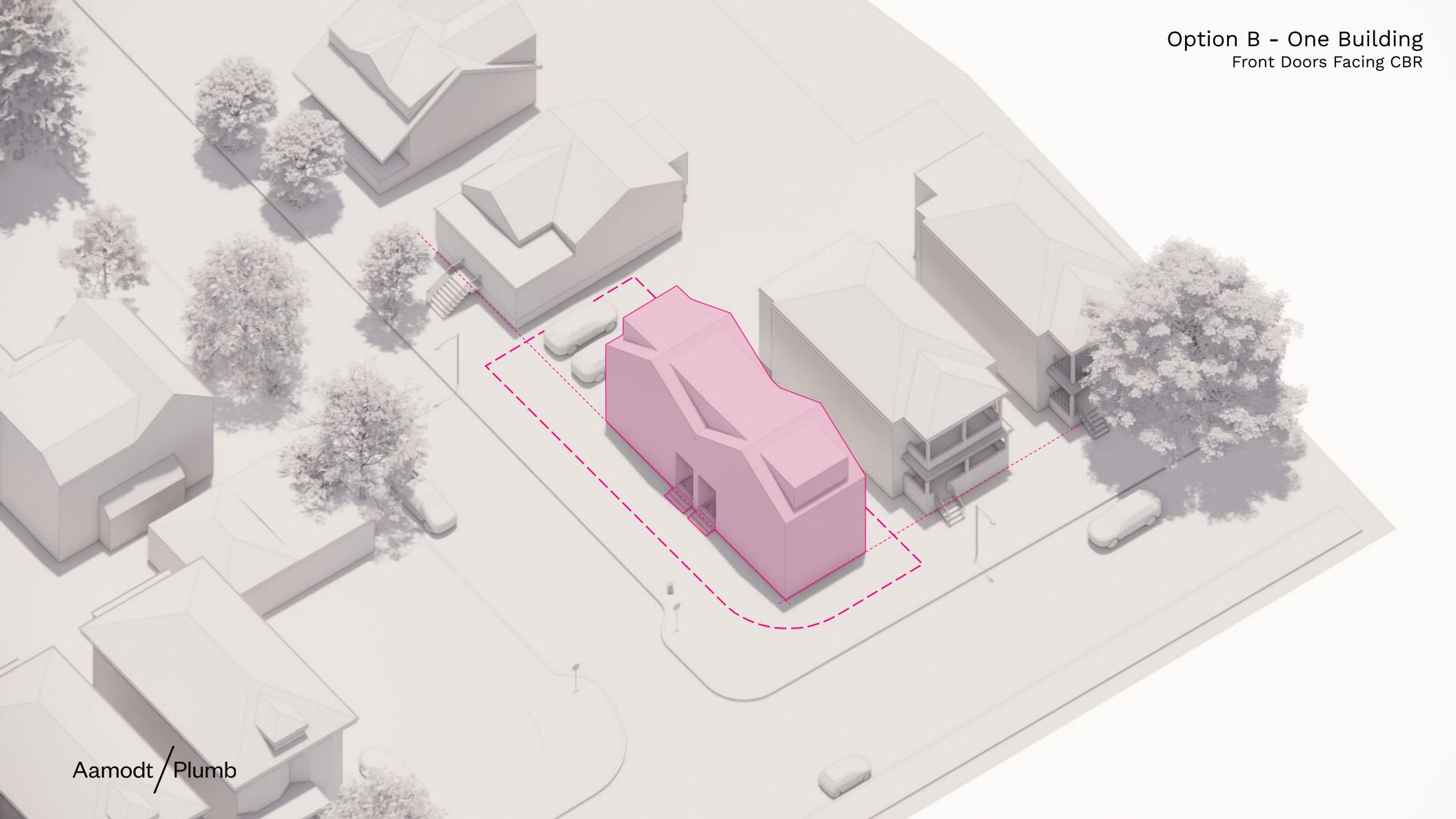








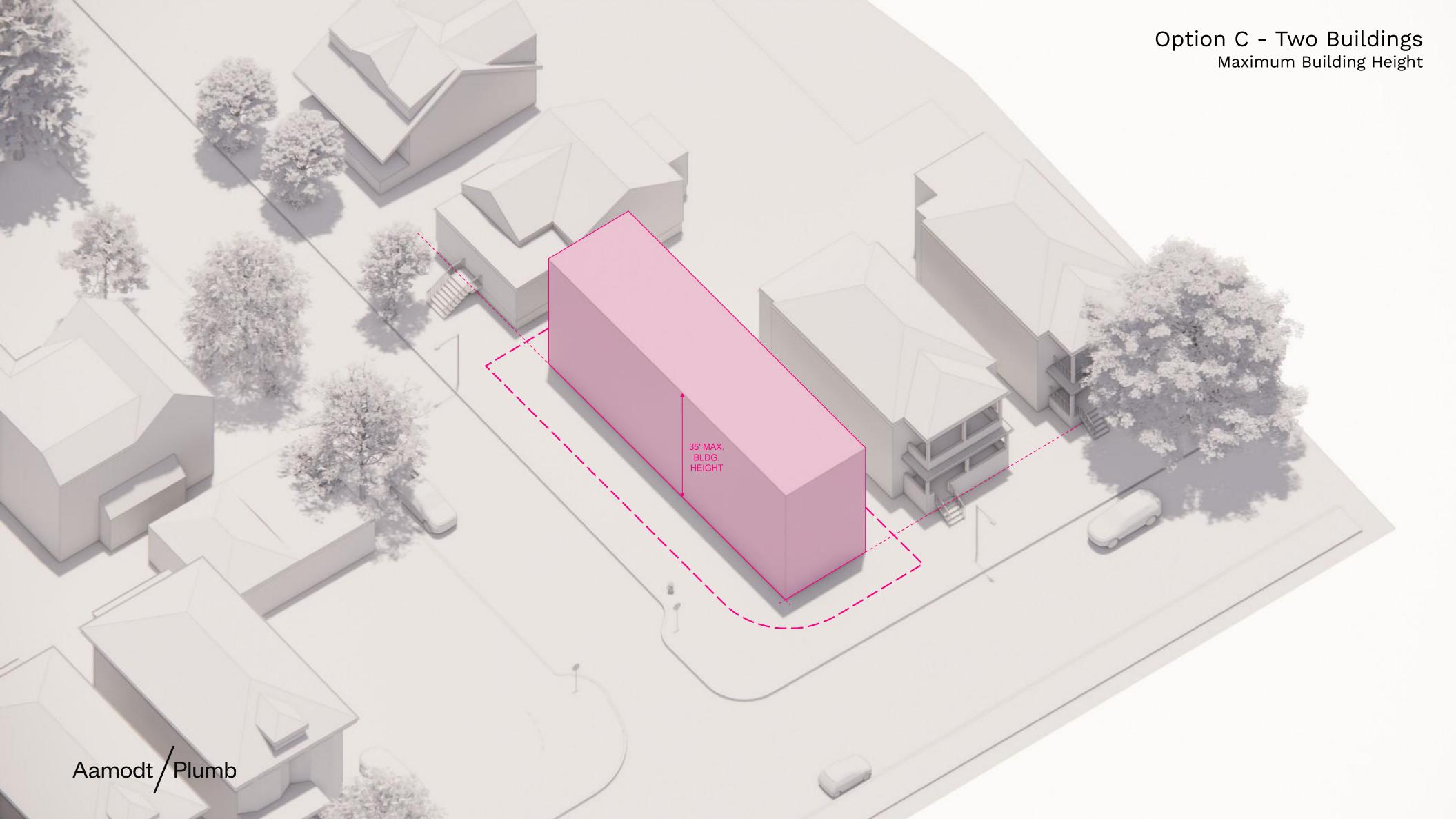


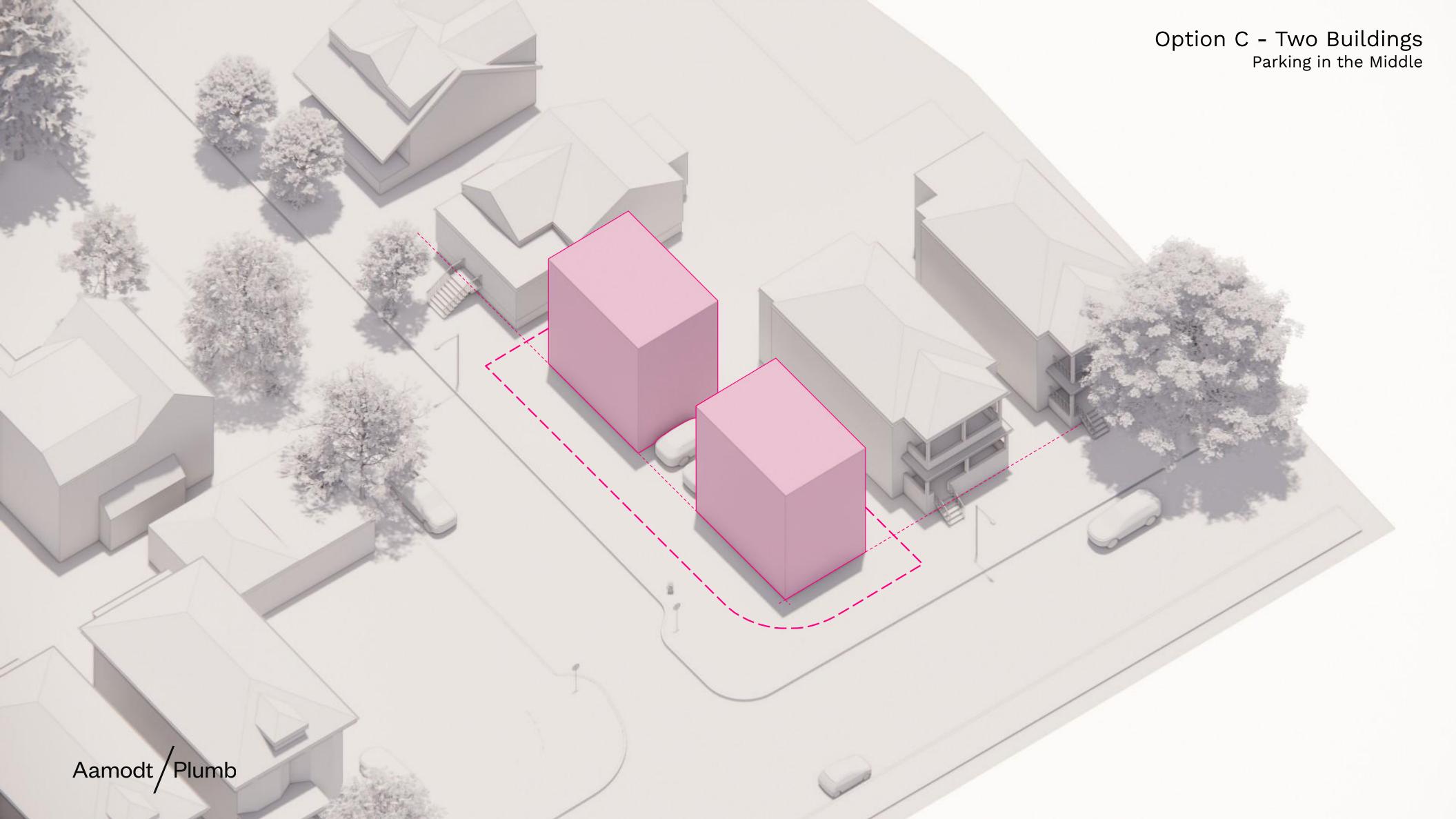


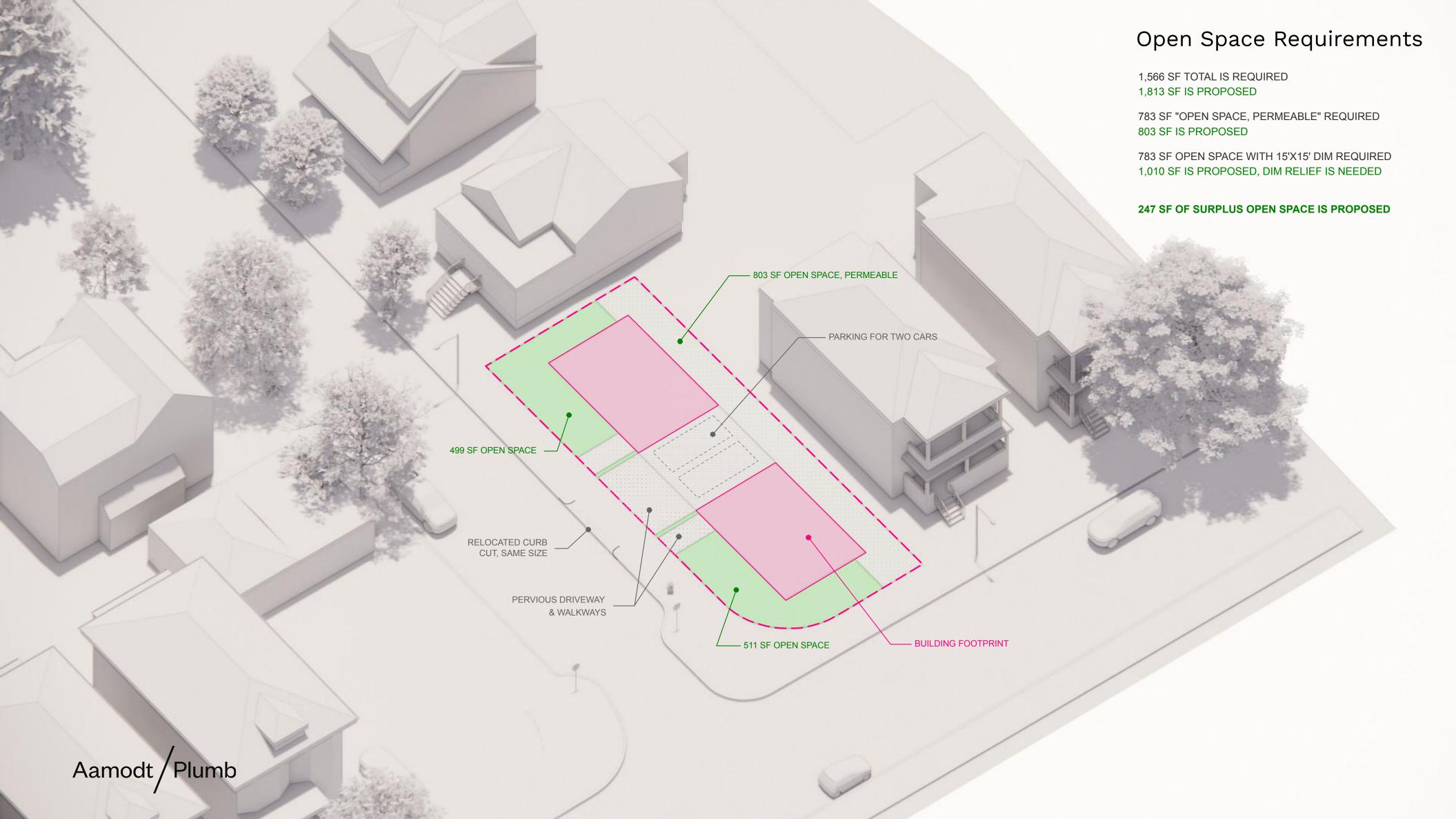


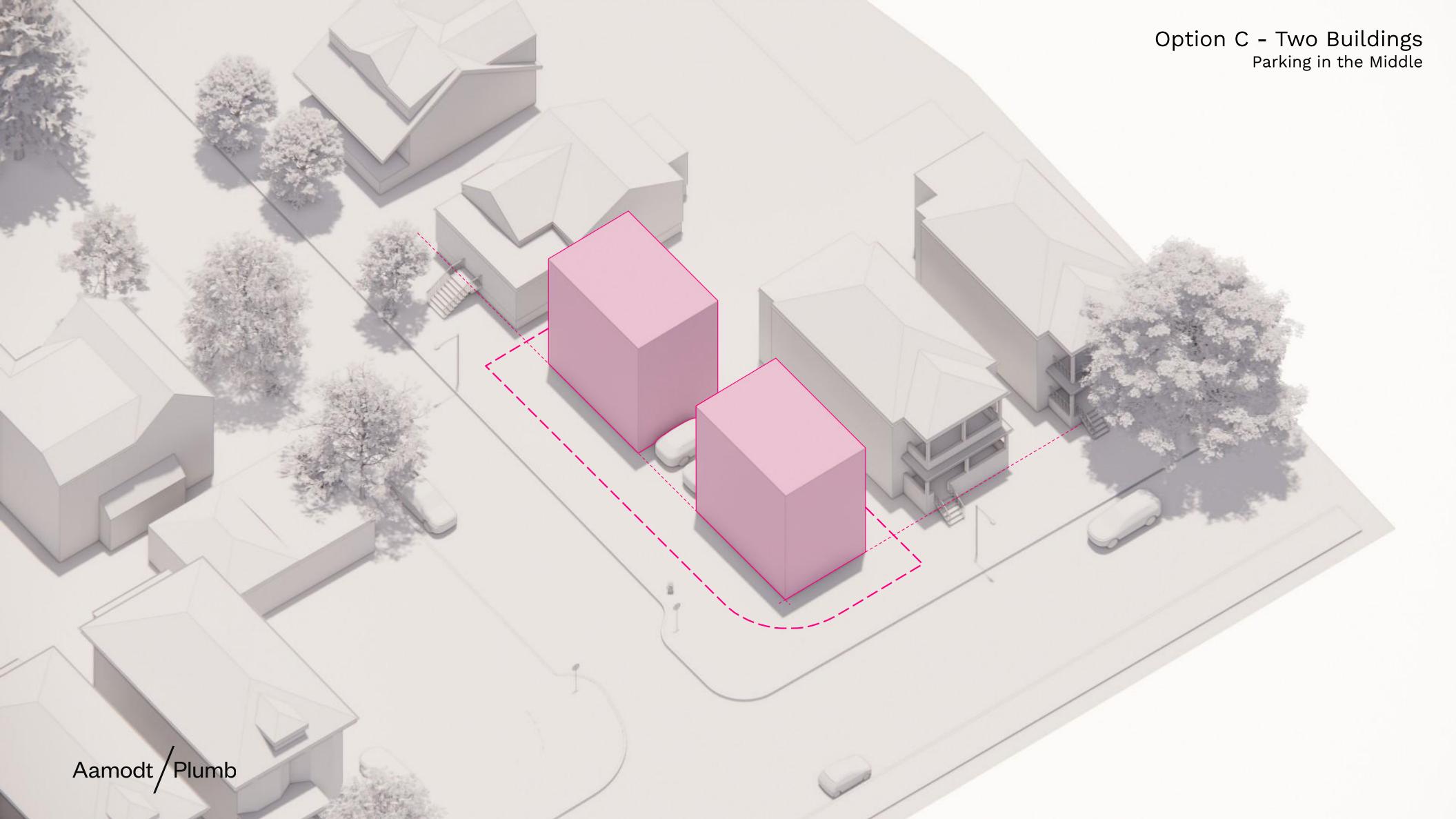


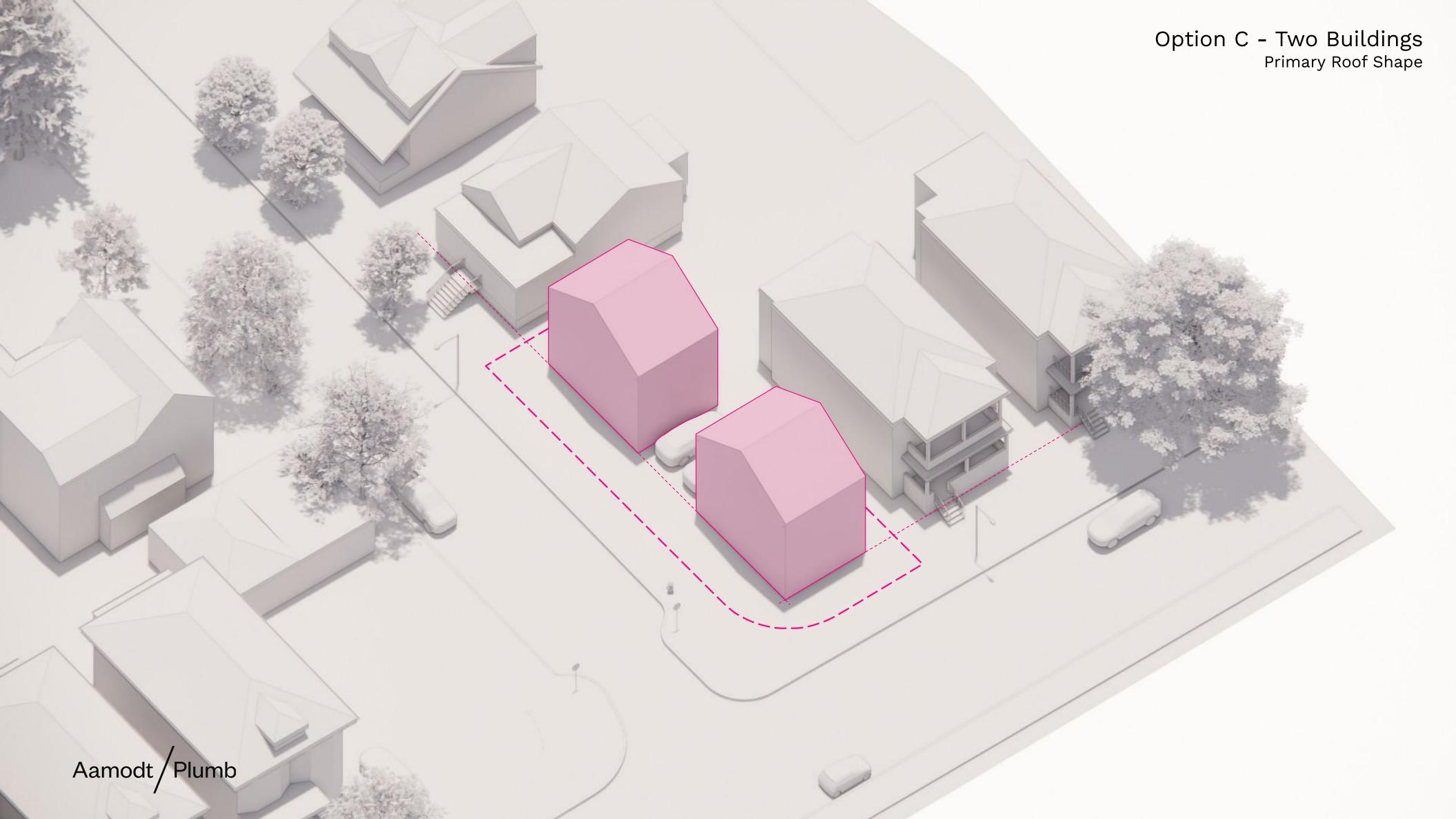


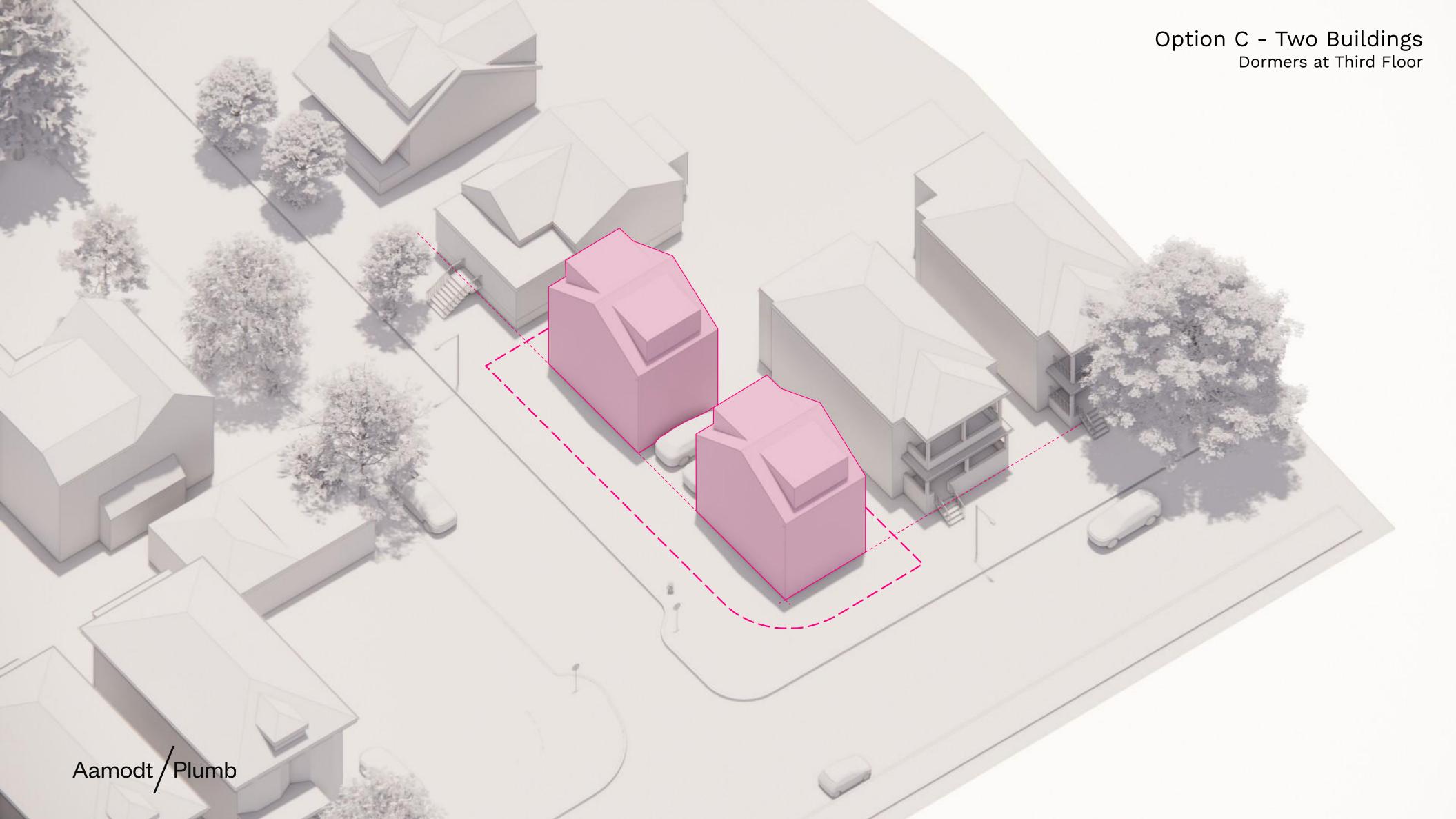


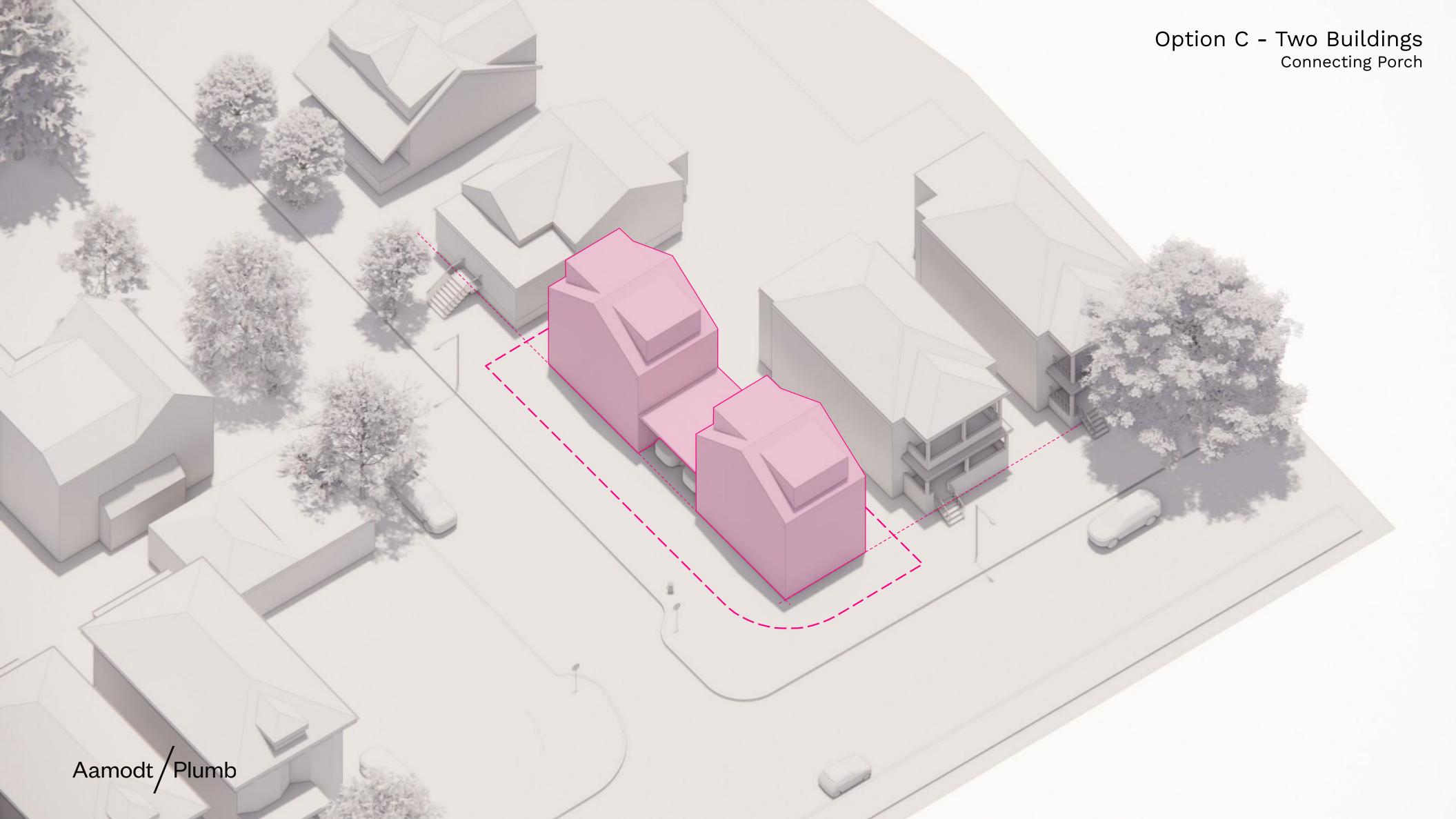


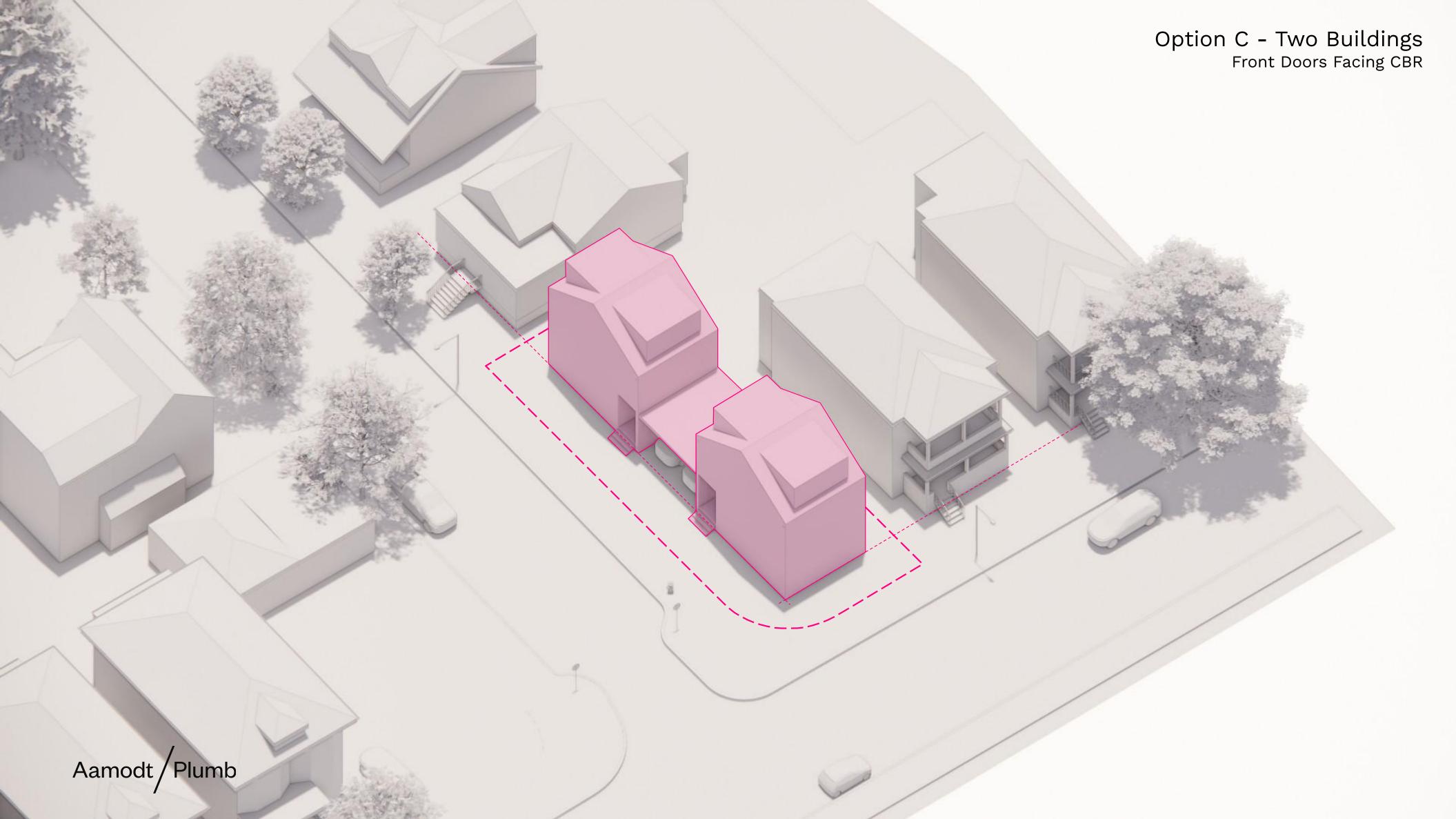














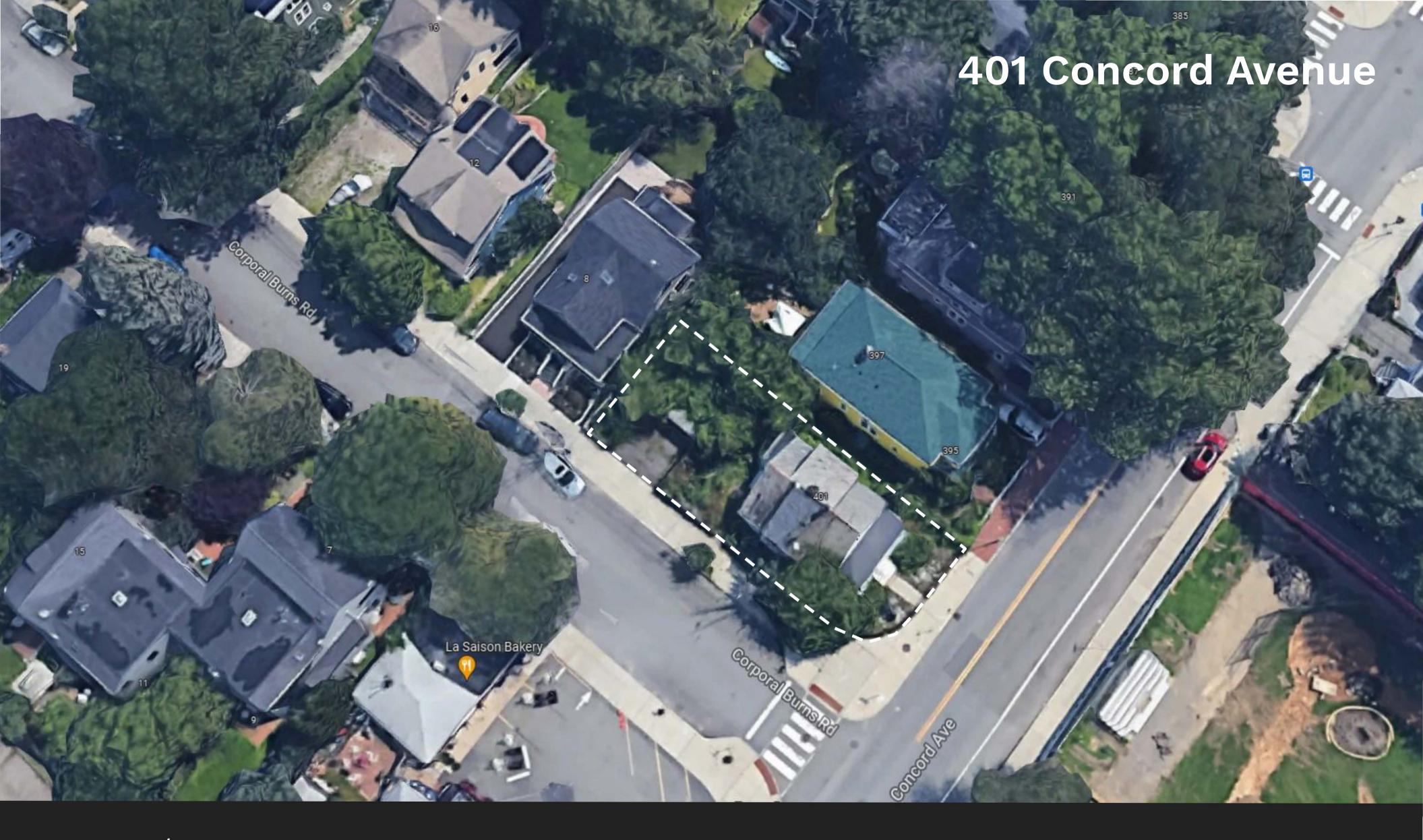




Please support us in creating two new housing units that are good, clean and fair.

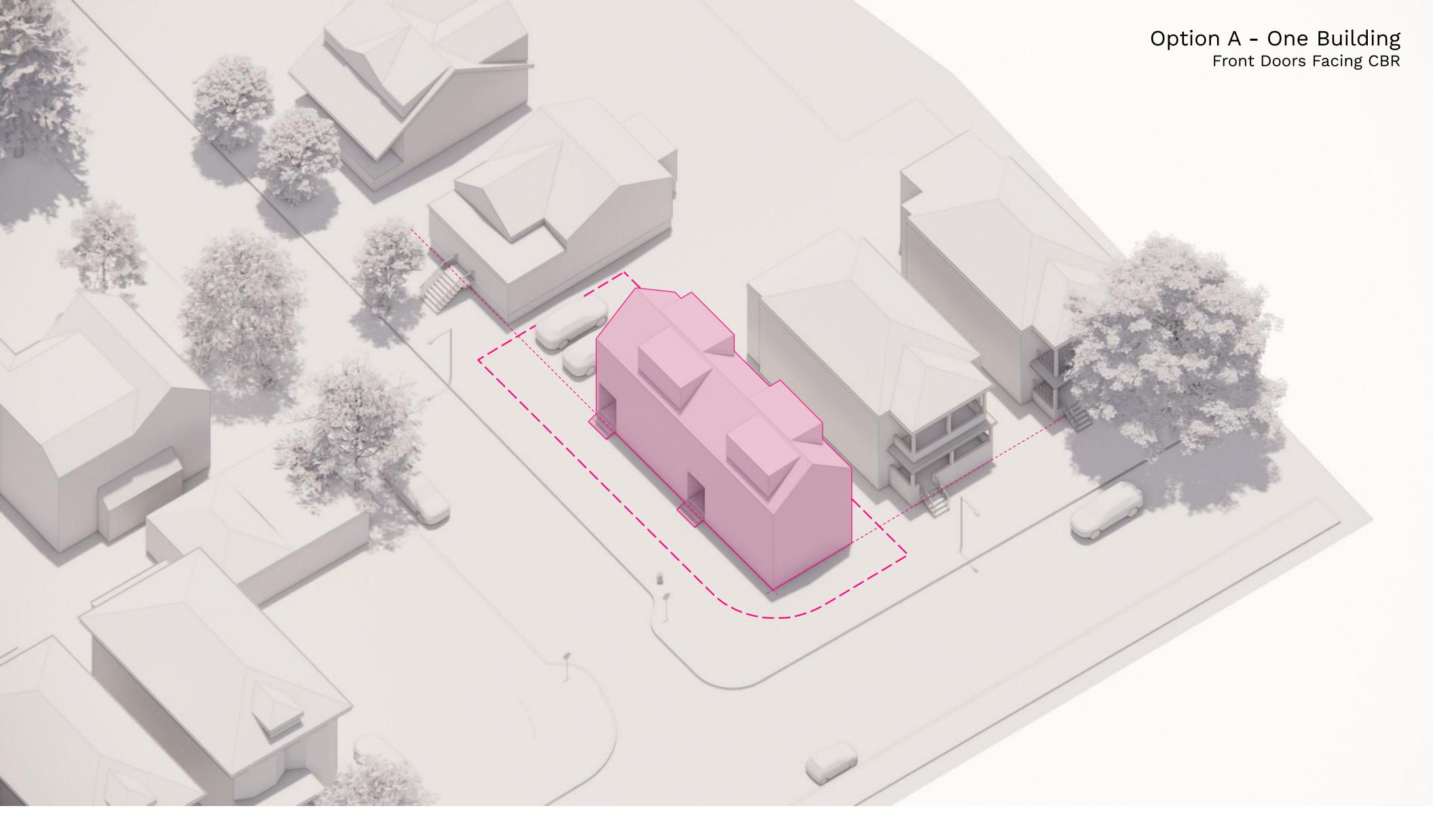
We welcome your questions and comments. Please reach out to andrew@aamodtplumb.com

December 13, 2022 Community Meeting 3 via Zoom



Agenda for Tonight

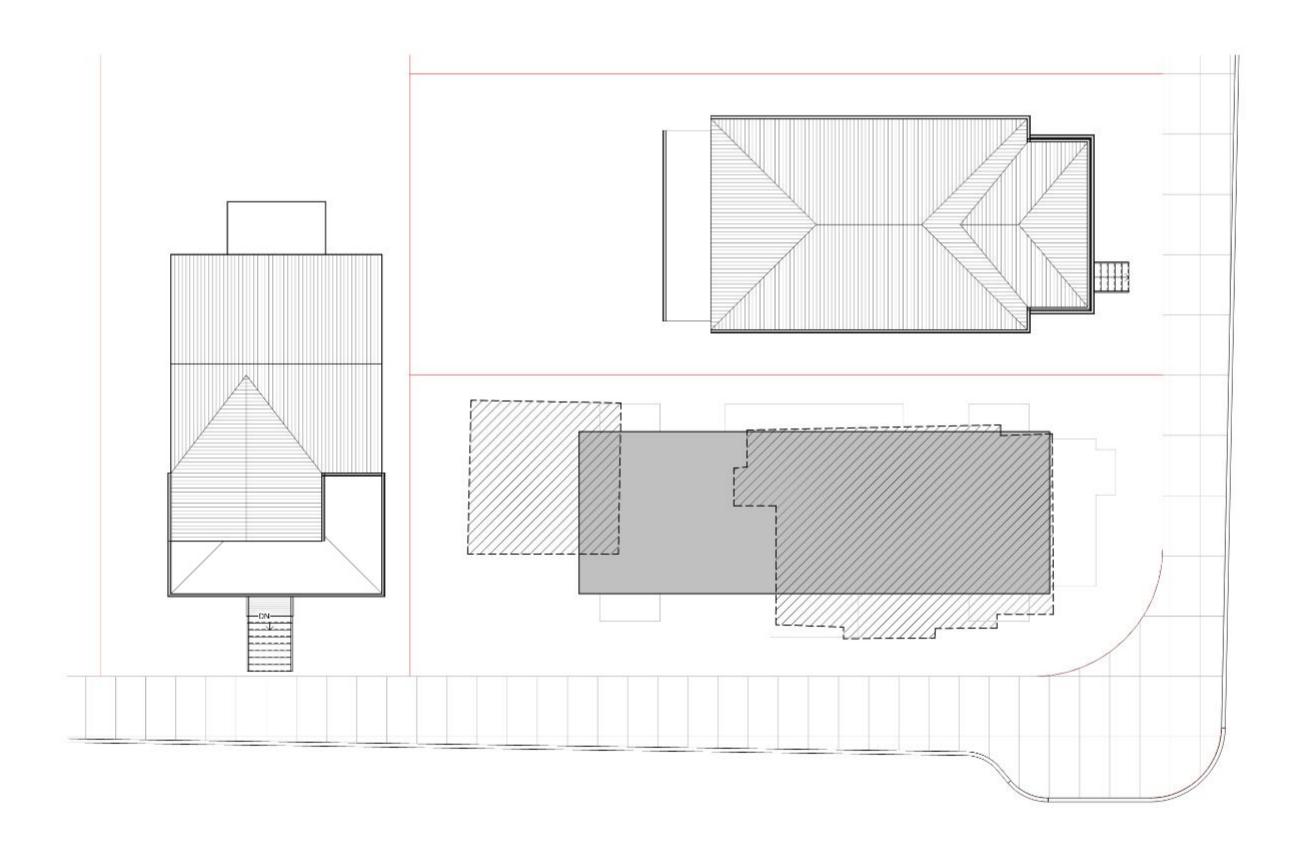
- Shadow Studies
- Design Updates
- Zoning Relief Updates
- Timeline

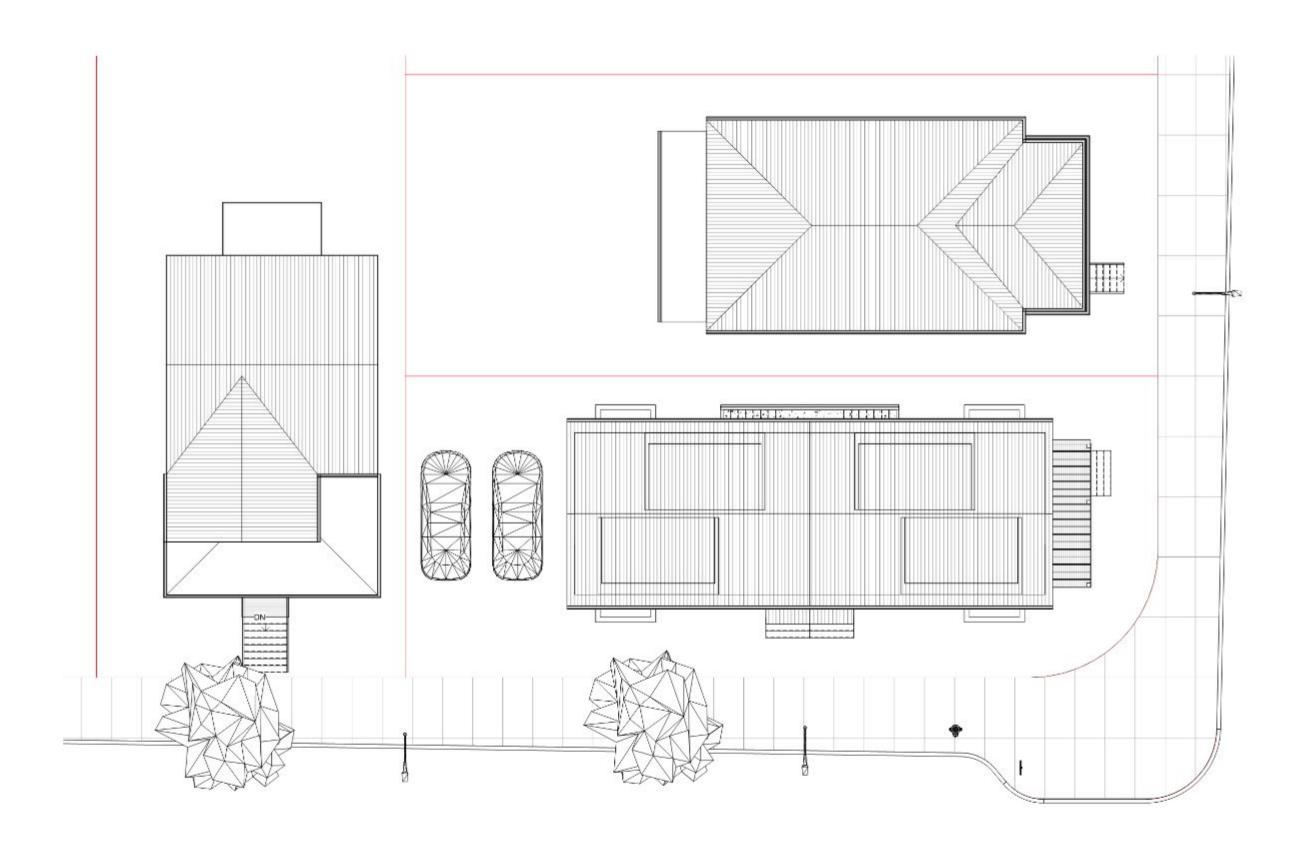


















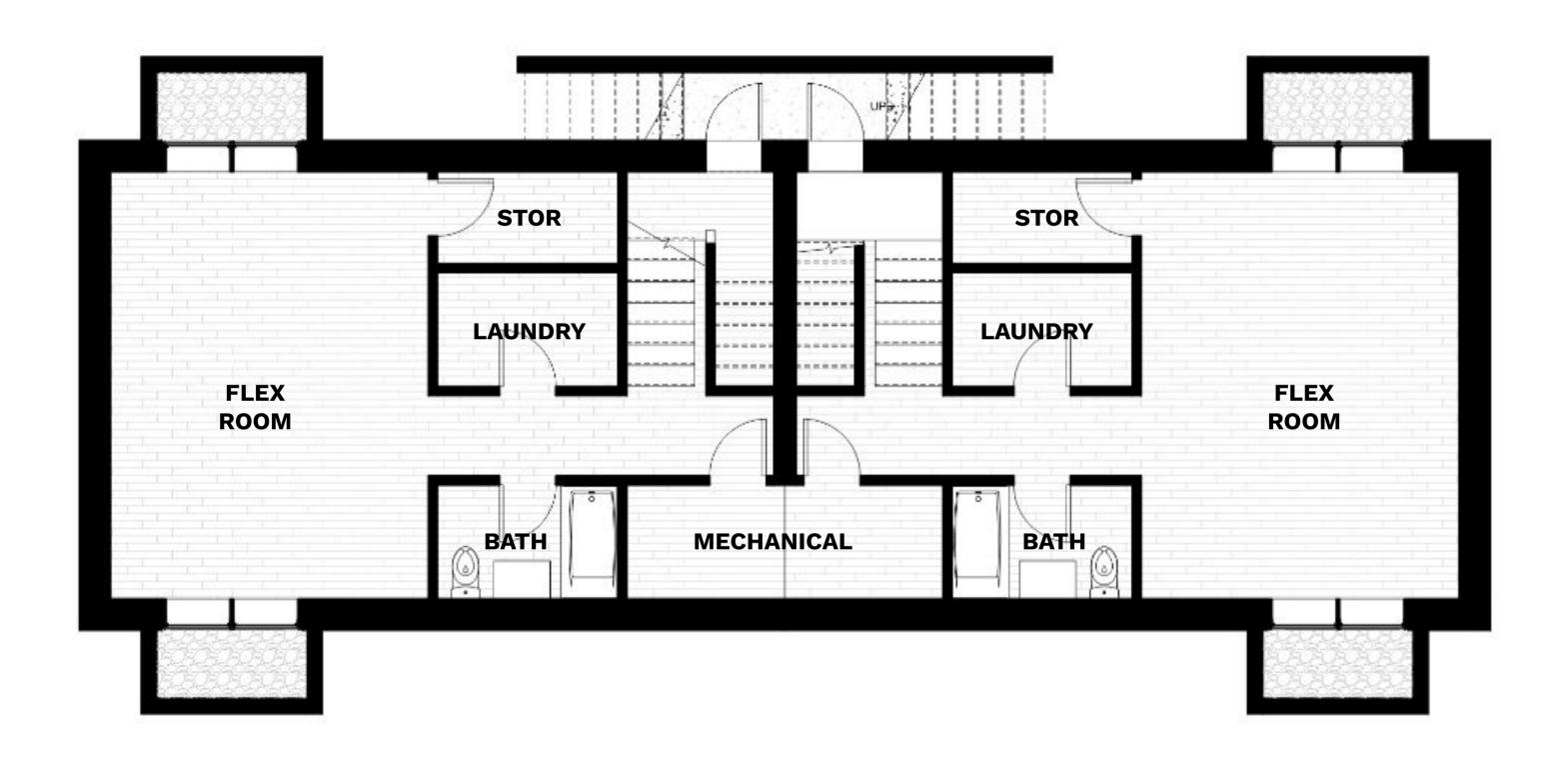


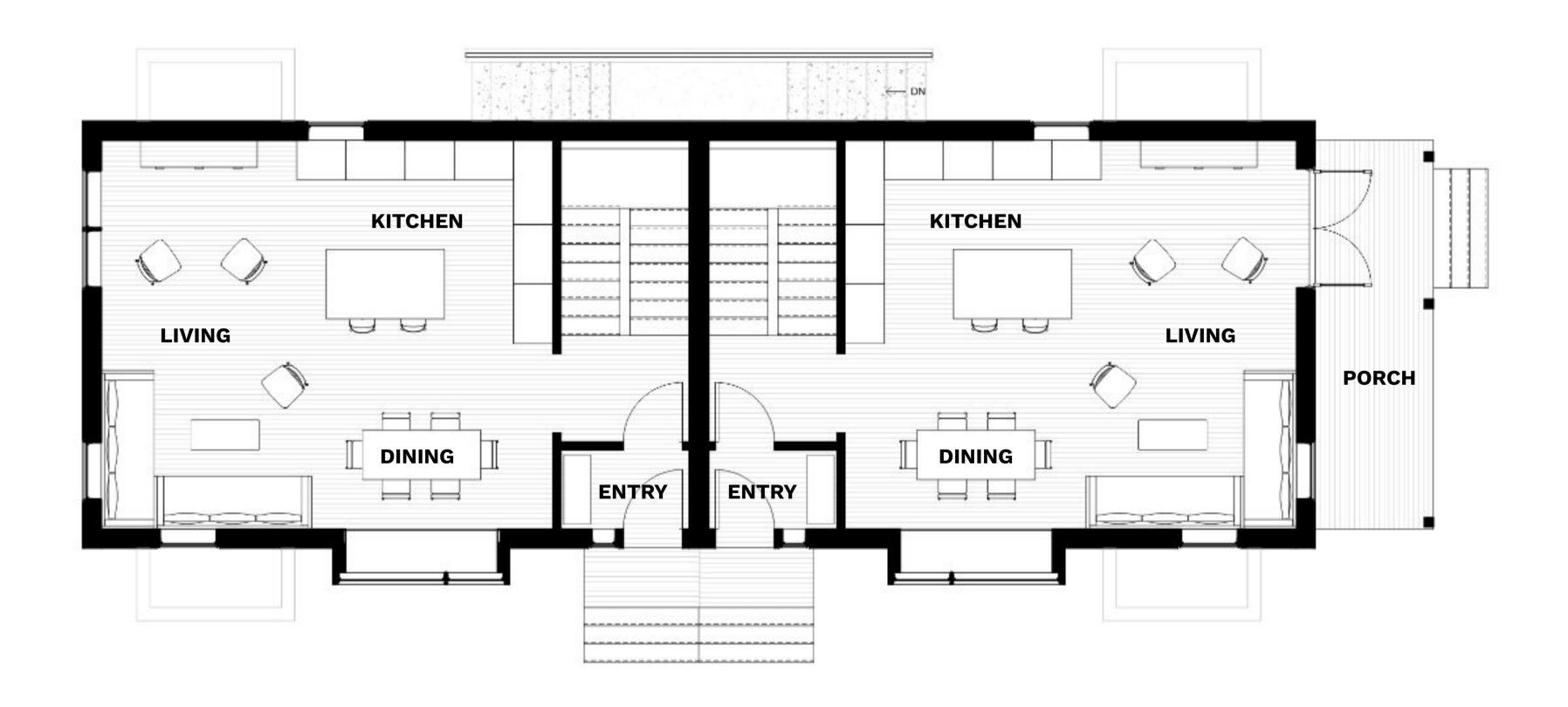




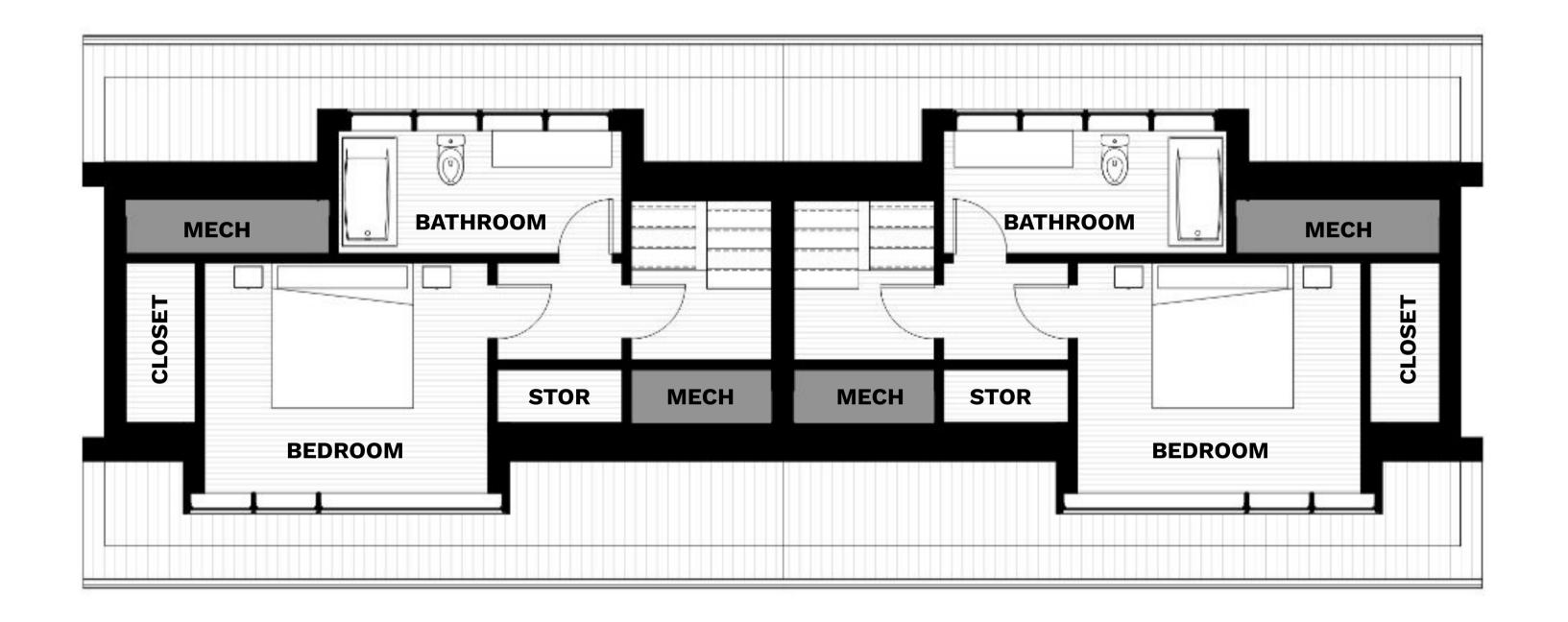












Zoning Relief - Update

- We Are Seeking Zoning Relief in Order to Build 2 Dwelling Units
- Lot Area per Dwelling Unit
 - We are asking for 1,957 sf per Dwelling Unit
 - o 2,500 sf per Dwelling Unit is allowed as of right

Floor to Area Ratio

- Previously, we proposed an FAR of 0.95 or 3,700 gross sf
- Updated design proposes an FAR of 0.89 or 3,496 gross sf
- The third floor is 808 gross sf or 23% of this total
- Without a third floor, the FAR would be 0.69 or 2,688 gross sf
- FAR of 0.65 is common along Concord Ave per Cambridge Property Database

Open Space Proportion

- We have more open space than required but need relief on the proportion of some of that space
- Shifting the building 5 feet north meets more of the proportion requirements than before

Timeline

- Community Meeting #3
 - December 13, 2022 @ 6:30pm (tonight)
- Further Comments & Questions
 - Please submit any further comments or questions to us via email by Friday, December 16,
 2022
- Application Submission to the BZA
 - We intend to submit our proposal on Wednesday, December 21, 2022
- Letters of Support
 - O Please submit letters of support by the week of January 9, 2023
- BZA Public Hearing
 - We intend to be on the agenda for the January 26, 2023 BZA Hearing

December 16, 2022 Design Update Email & Video Recording

Follow up to our December 13th meeting

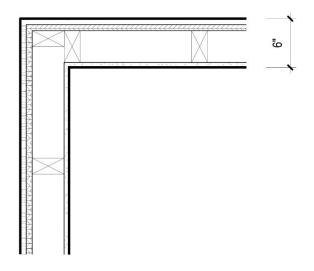
- Existing FAR for Concord Ave Properties
- Historic vs Modern Construction Methods
- What Quality Construction Costs
- Dimensions and sizes of Proposed Units

FAR for Existing Concord Ave Properties

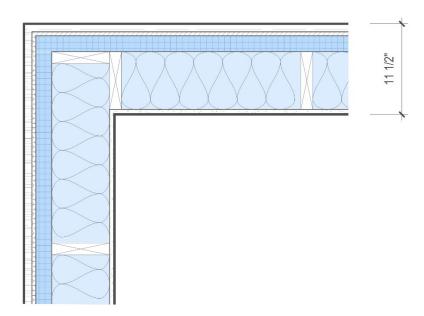


Address		Living Area	Covered Porch	Gross Floor Area	Lot Area	FAR
391 Concord Ave	Unit 1 & 2	2,178	370	2,548	4,000	0.64
395 Concord Ave	Unit 1	2,142	370	2,512	4,000	0.63
401 Concord Ave	Single Family	1,254	176	1,430	3,913	0.3A7
413 Concord Ave	Unit 1 & 2	2,526	186	2,712	4,000	0.68
415 Concord Ave	Unit 1 & 2	2,545	380	2,925	4,000	0.73
419 Concord Ave	Unit 1 & 2	2,593	355	2,948	4,000	0.74
423 Concord Ave	Unit 1 & 2	2,526	215	2,741	3,913	0.70

- All of the adjacent existing properties on Concord Ave have an FAR higher than the Zoning Ordinance of 0.5
- Adjacent properties have an FAR ranging from 0.63 to 0.74
- Average FAR of adjacent properties is 0.69
- These existing FAR numbers do not include basement or attic living space
- All data provided by City of Cambridge Assessing Department & City of Cambridge Property Database



Historic Wall



Modern Wall

Aamodt / Plumb

Historic vs Modern Construction Methods

- Adjacent properties were built over 100 years ago around 1916
- Prevailing construction techniques at that time were typically 2x4 exterior wall construction and no insulation
- Present day building code and energy code requires a substantially thicker wall construction
- The wall thickness for a home built in 1916 is about 6"
- The wall thickness for our proposed design is about 12" to create a very energy efficient and long lasting home
- This means that for the same amount of living space, a modern home has more gross floor area than a historic home

Natural Materials





Cellulose
provides excellent
insulation without
volatile organic
compounds,
making it a
healthier choice."

No VOC
Insulation

Cellulose insulation

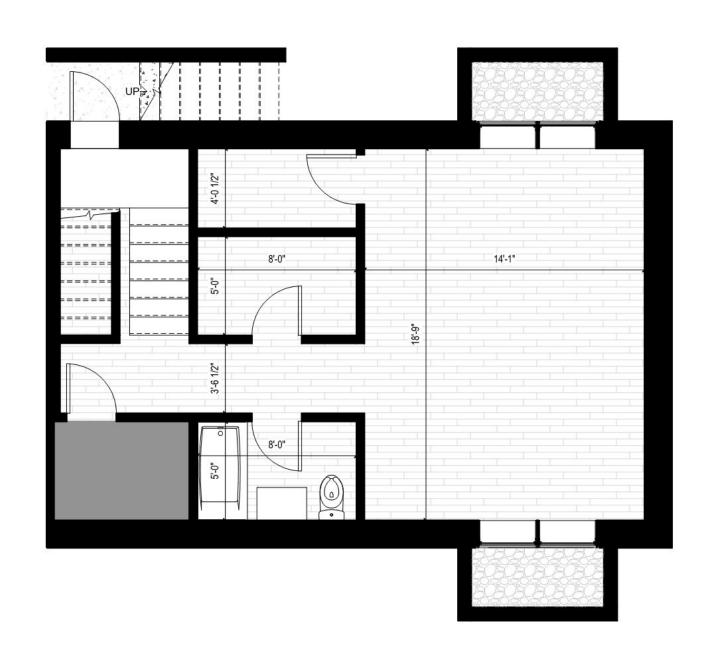


Aamodt / Plumb

What Quality Construction Costs

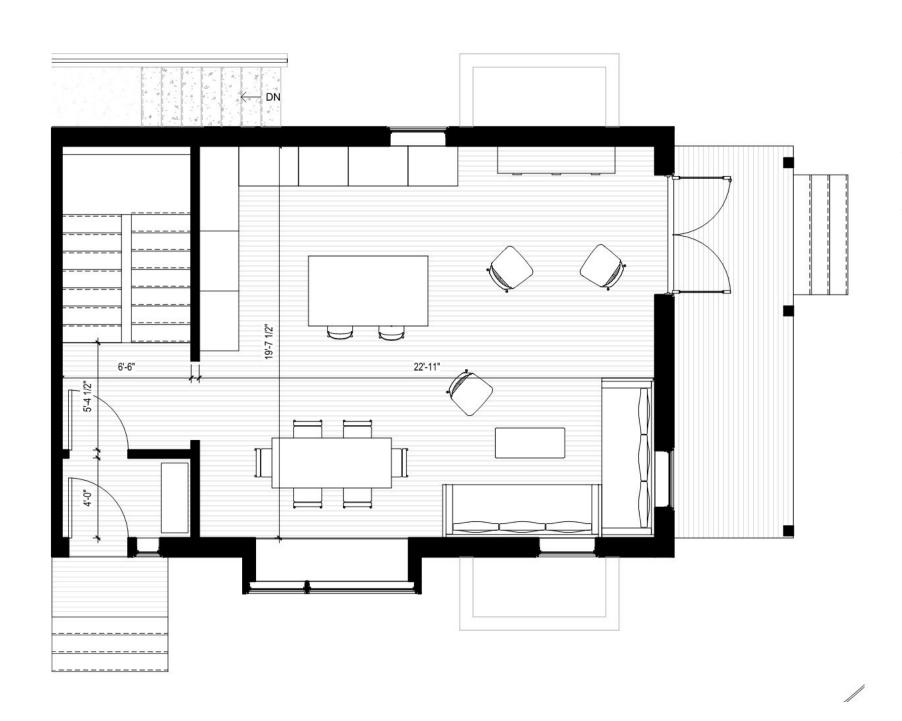
- We build high performance homes with natural, clean materials and fair labor
- Our projects are professionally managed by experienced Project Managers and are staffed full time by Site Supervisors
- Present day building and energy codes require more space than historical homes
 - o Thicker, insulated walls
 - Larger, safer stairways
 - More space for equipment
- It costs more to build this way and units of the proposed size are needed to make the project work economically

Dimensions and Sizes of Proposed Units Basement



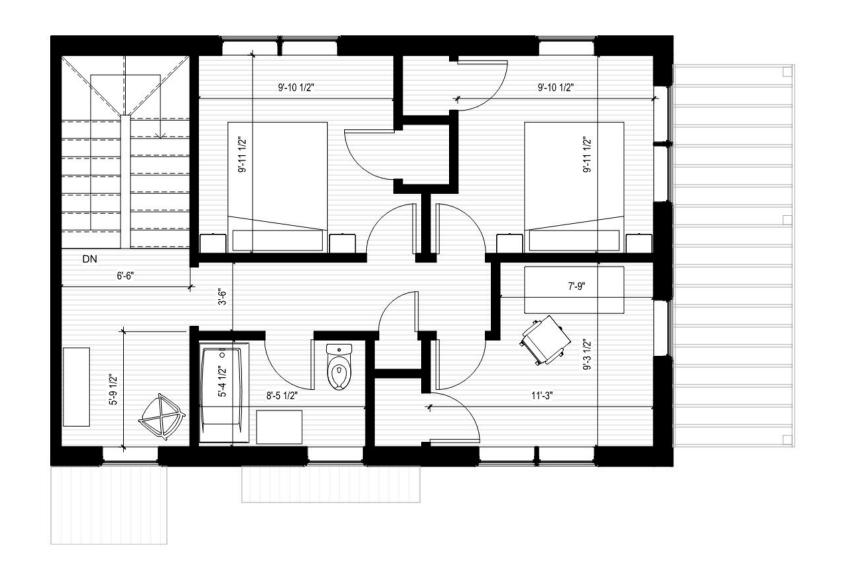
- 513 SF Living Space
- Does not contribute to Gross Floor Area or FAR Calculation

Dimensions and Sizes of Proposed Units First Floor



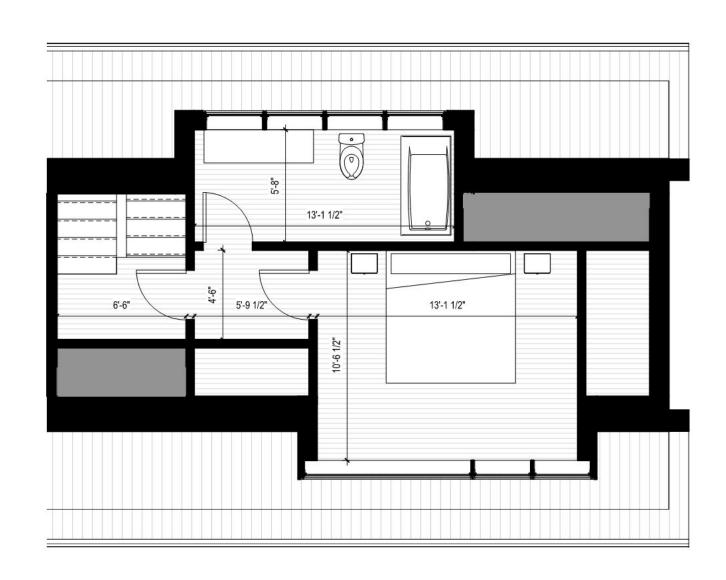
- 596 SF Living Space
- Contributes 672 SF to Gross Floor Area and FAR Calculation

Dimensions and Sizes of Proposed Units Second Floor



- 596 SF Living Space
- Contributes 672 SF to Gross Floor Area and FAR Calculation

Dimensions and Sizes of Proposed Units Third Floor



- 340 SF Living Space
- Contributes 404 SF to Gross Floor Area and FAR Calculation



Dimensions and Sizes of Proposed Units

- Each Unit has 2,045 SF of Living Space
- Each Unit Contributes 1,748 SF to Gross Floor Area and FAR Calculation
- Total Gross Floor Area for Both Units is 3,496 SF
- FAR is Calculated by Dividing the Gross Floor Area by the Lot Area
- The Proposed Design is 3,496 SF Gross Floor Area / 3,914 SF Lot Area = 0.89 FAR
- The Average FAR of the Adjacent two-family properties is 0.69 FAR
- We are requesting an additional 0.2 FAR to be able to build high quality, high energy performance, 21st century homes

January 19, 2023 Design Update Email

2201
401 Concord Ave
401 Concord Avenue Cambridge, MA 02138

186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

Design Builder

Aamodt / Plumb

TWO FAMILY DEVELOPMENT

401 CONCORD AVENUE, CAMBRIDGE, MA, 02138

BOARD OF ZONING APPEAL DRAWING SET JANUARY 11, 2023

DRAWING LIST

```
BZA TITLE SHEET
Z0.1
                ASSESSOR'S GIS BLOCK MAP
                EXISTING CONDITIONS PLAN
Z0.3
                ZONING ANALYSIS
                EXISTING OPEN SPACE
                PROPOSED OPEN SPACE & SITE PLAN
                EXISTING CONDITIONS PHOTOS
Z1.1
                PROPOSED LOWER LEVEL PLAN
Z1.2
                PROPOSED FIRST FLOOR PLAN
                PROPOSED SECOND FLOOR PLAN
Z1.4
                PROPOSED THIRD FLOOR PLAN
Z1.5
                PROPOSED ROOF PLAN
Z2.1
                PROPOSED EXTERIOR ELEVATIONS
Z2.2
                PROPOSED EXTERIOR ELEVATIONS
Z2.3
                PROPOSED EXTERIOR ELEVATIONS
                CONTEXT ELEVATIONS
Z2.5
                SUN STUDY
```

NOT FOR CONSTRUCTION

NO. ISSUED FOR

BZA TITLE SHEET

Z0.0

220

401 Concord Avenue Cambridge, MA 02138

Design Builder

Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

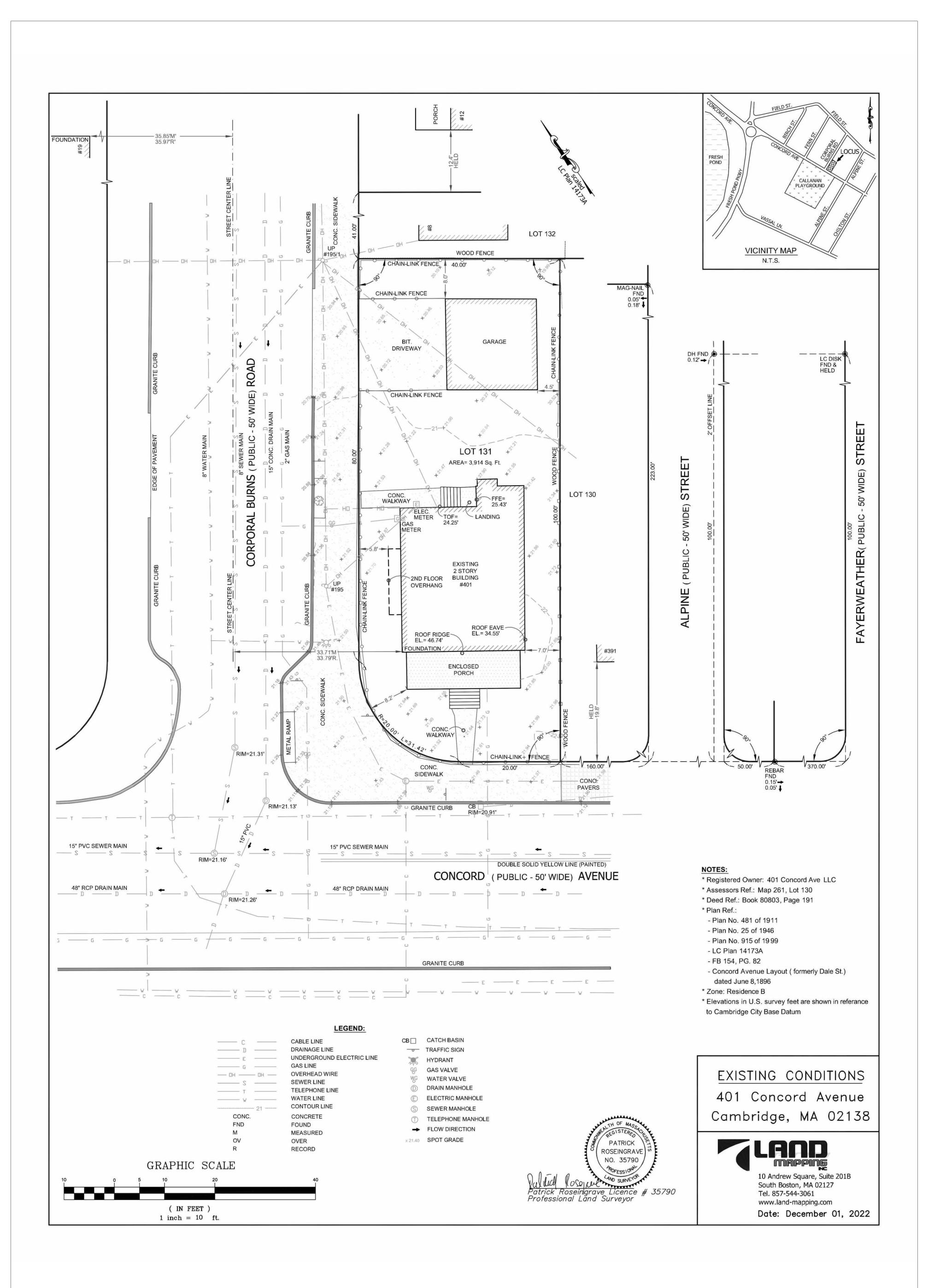
NOT FOR CONSTRUCTION

NO. ISSUED FOR

DATE

ASSESSOR'S GIS BLOCK MAP

Z0.1



EXISTING CONDITIONS PLAN

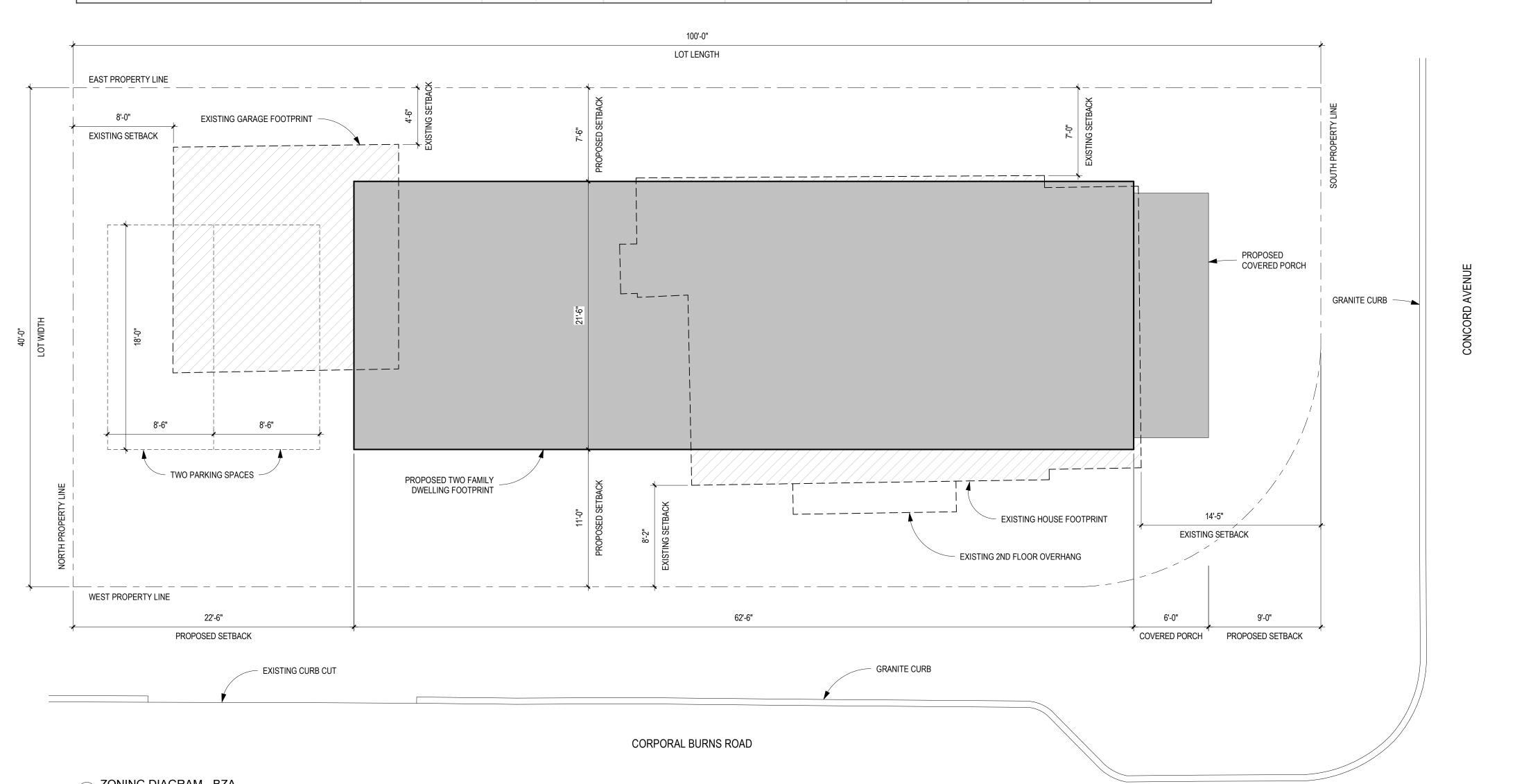
NOT FOR CONSTRUCTION

Zoning Summary	Ordinance	Existing	Proposed	Notes
Map-Lot	261-130			
Zoning District	Res. B			
Maximum F.A.R.	0.50	0.45	0.93	See below for FAR analysis of adjacent properties
Minimum Lot Size in Sq. Ft.	5,000	3,914	3,914	
Minimum Lot Area Per D.U. in Sq. Ft.	2,500	3,914	1,957	
Minimum Lot Width	50'-0"	40'-0"	40'-0"	
Minimum Front Yard - Concord Ave	15'-0"	14'-5"	9'-0"	A covered porch was added to the design as a result of Community Outreach process and is supported by abutting neighbors. Front yard without the porch would be 15'-0".
Minimum Front Yard - Corporal Burns Road	15'-0"	8'-2"	11'-0"	
Minimum Side Yard - East	7'-6"	4'-6"	7'-6"	
Minimum Side Yard - North	7'-6"	8'-0"	22'-6"	
Minimum Rear Yard	25'-0"	N/A - Corner Lot	N/A - Corner Lot	
Maximum Building Height	35'-0"	24'-9"	35'-0"	
Required Off-Street Parking	1 per D.U.	2 per D.U.	1 per D.U.	
Open Space Requirements	Ordinance	Existing	Proposed	Notes
Minimum Ratio of Private Open Space to Lot Area	40% (1,566 SF)	56% (2,207 SF)	50% (1,972 SF)	Total Open Space excluding driveway, parking, walkways, steps, retaining walls
5.22.1 Private Open Space - Res. B	50% (783 SF)	49% (770 SF)	50% (785 SF)	Relief requested from 15' minimum dimension
5.22.3 Special Requirements - Res. B	50% (783 SF)	92% (1,437 SF)	76% (1,187 SF)	

Existing Concord Ave Properties FAR Comparison		Living Area	Covered Porch	Garage	Gross Floor Area	Lot Area	FAR
391 Concord Ave	Unit 1 & 2	2,178	370		2,548	4,000	0.64
395 Concord Ave	Unit 1	2,142	370		2,512	4,000	0.63
401 Concord Ave	Single Family	1,254	176	326	1,756	3,913	0.45
413 Concord Ave	Unit 1 & 2	2,526	186		2,712	4,000	0.68
415 Concord Ave	Unit 1 & 2	2,545	380		2,925	4,000	0.73
419 Concord Ave	Unit 1 & 2	2,593	355		2,948	4,000	0.74
423 Concord Ave	Unit 1 & 2	2,526	215		2,741	3,913	0.70

ALL DATA PROVIDED BY CITY OF CAMBRIDGE ASSESSING DEPARTMENT & CITY OF CAMBRIDGE PROPERTY DATABASE. EXISTING ATTIC SPACE IS EXCLUDED FROM THIS CALCULATION.

DATA BASED ON CURRENT EXISTING CONDITIONS SURVEY.



401 Concord Ave

401 Concord Avenue Cambridge, MA 02138

Design Builder

Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

ZONING ANALYSIS DATE

Z0.3

© 2023 Aamodt / Plumb

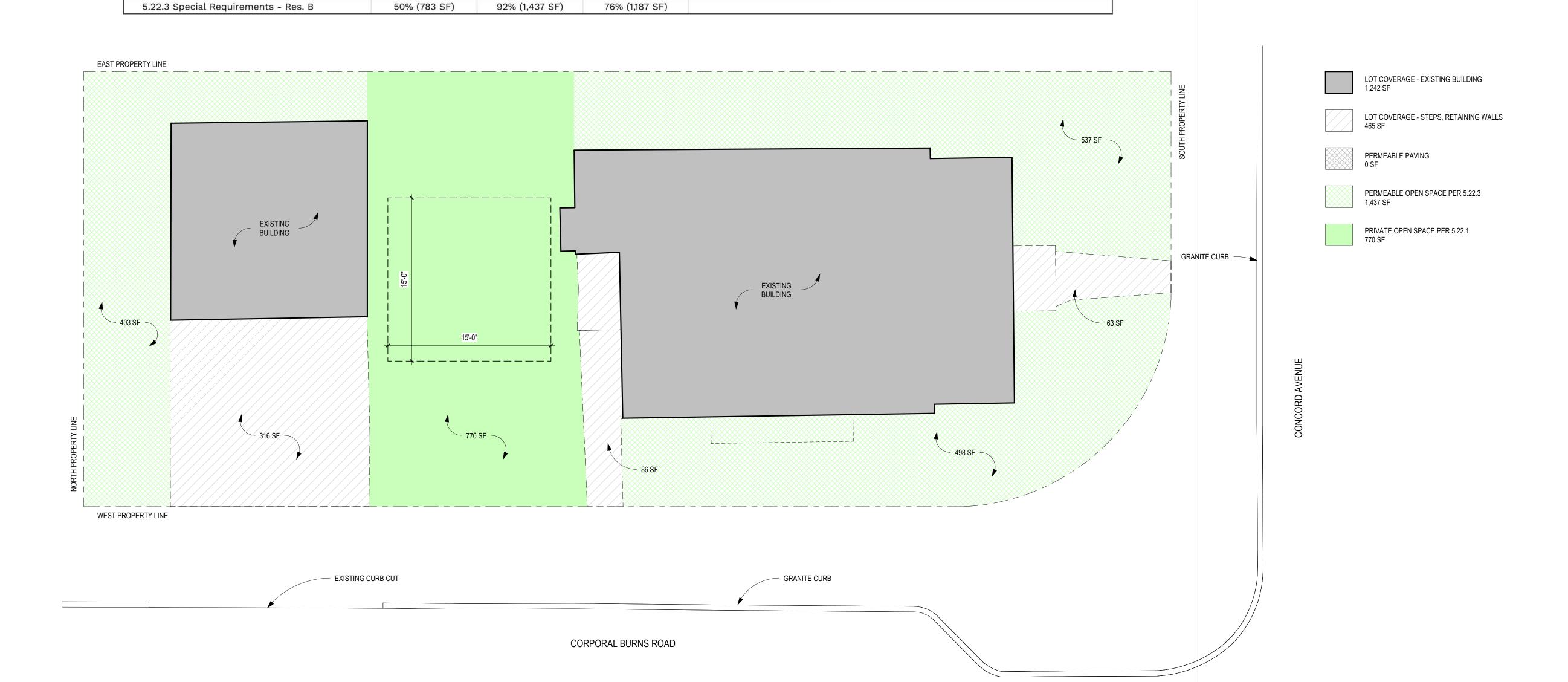
3/16" = 1'-0"

 $1 \frac{\text{ZONING DIAGRAM - BZA}}{3/16" = 1'-0"}$

401 Concord Avenue Cambridge, MA 02138	

401 Concord Ave

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300



Notes

Total Open Space excluding driveway, parking, walkways, steps, retaining walls

Relief requested from 15' minimum dimension

Existing

56% (2,207 SF)

49% (770 SF)

92% (1,437 SF)

Proposed

50% (1,972 SF)

50% (785 SF)

76% (1,187 SF)

Ordinance

40% (1,566 SF)

50% (783 SF)

Open Space Requirements

Minimum Ratio of Private Open Space to Lot Area

1 EXISTING OPEN SPACE DIAGRAM 3/16" = 1'-0"

5.22.1 Private Open Space - Res. B

NOT FOR CONSTRUCTION

NO. ISSUED FOR

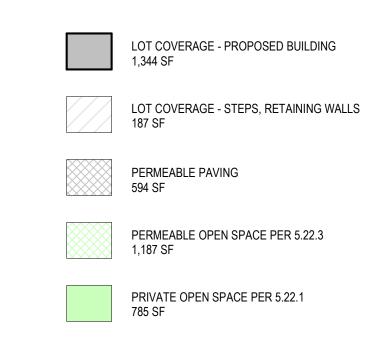
EXISTING OPEN SPACE

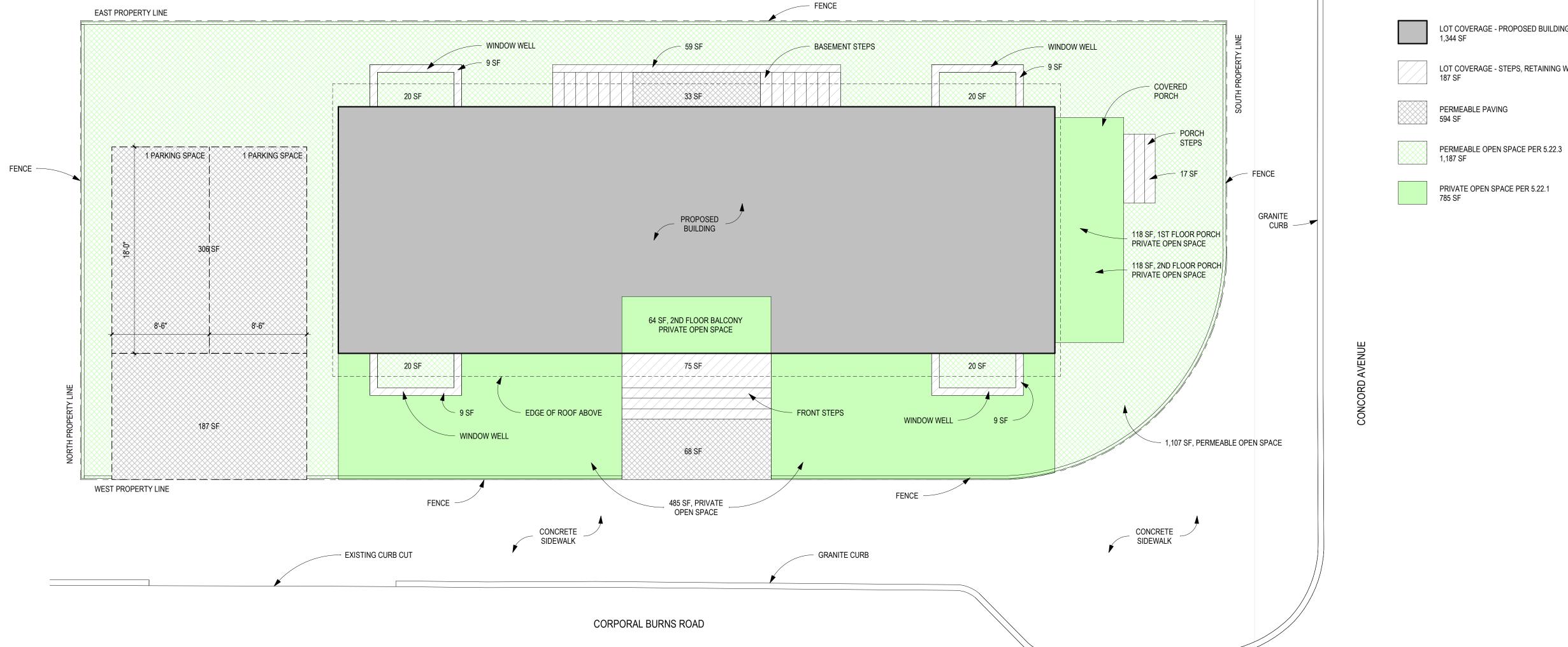
DATE

401 Concord Ave
401 Concord Avenue Cambridge, MA 02138

NOT FOR

CONSTRUCTION





Notes

Total Open Space excluding driveway, parking, walkways, steps, retaining walls

Relief requested from 15' minimum dimension

Existing

56% (2,207 SF)

49% (770 SF)

92% (1,437 SF)

Proposed

50% (1,972 SF)

50% (785 SF)

76% (1,187 SF)

Ordinance

40% (1,566 SF)

50% (783 SF)

50% (783 SF)

Open Space Requirements

Minimum Ratio of Private Open Space to Lot Area

PROPOSED OPEN SPACE DIAGRAM
3/16" = 1'-0"

5.22.1 Private Open Space - Res. B

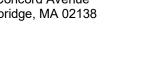
5.22.3 Special Requirements - Res. B

NO. ISSUED FOR

PROPOSED OPEN SPACE & SITE PLAN

NOT FOR

CONSTRUCTION

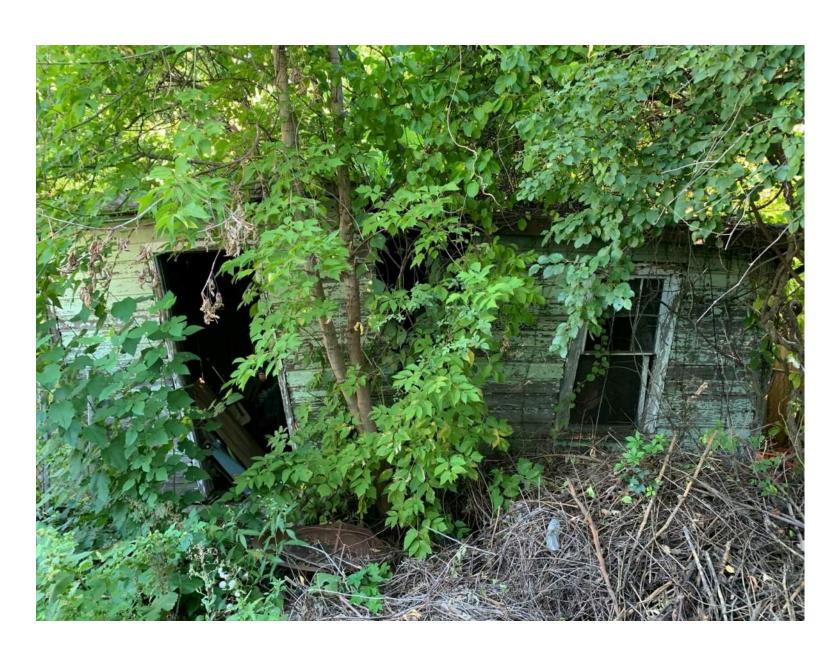




EXISTING HOUSE SOUTH ELEVATION

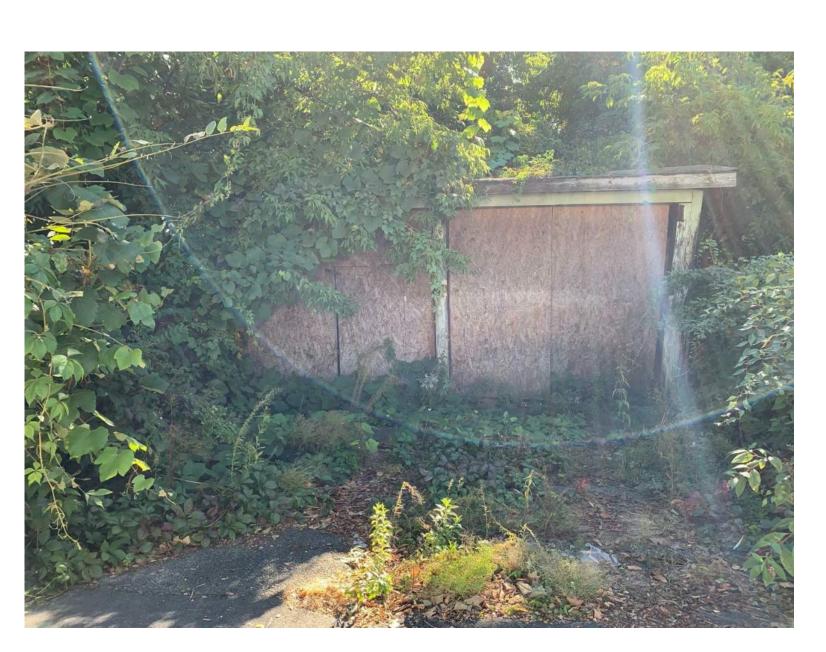


EXISTING HOUSE & GARAGE WEST ELEVATION

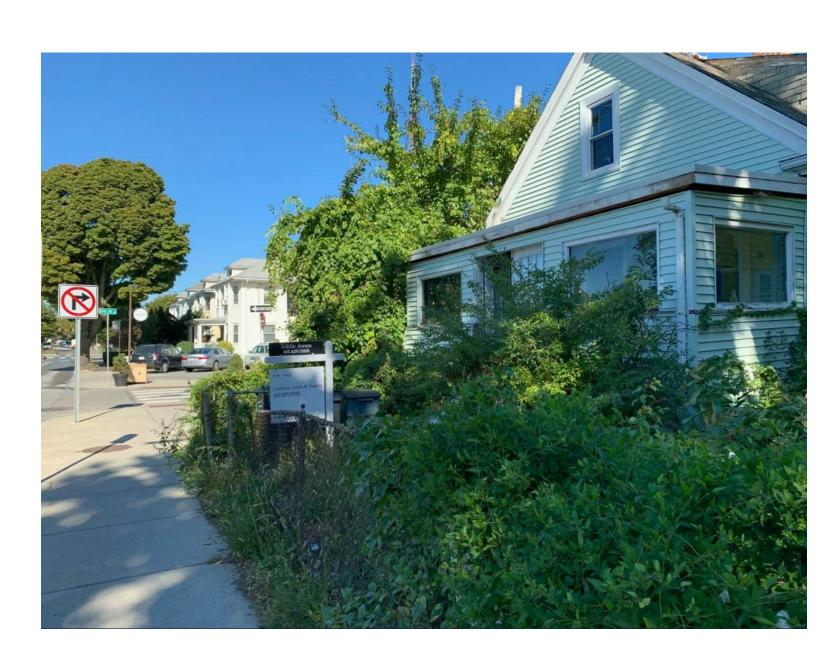


EXISTING GARAGE SOUTH ELEVATION

EXISTING HOUSE NORTH ELEVATION



EXISTING GARAGE WEST ELEVATION



EXISTING HOUSE SOUTH ELEVATION

NO. ISSUED FOR

EXISTING CONDITIONS PHOTOS

Z0.6

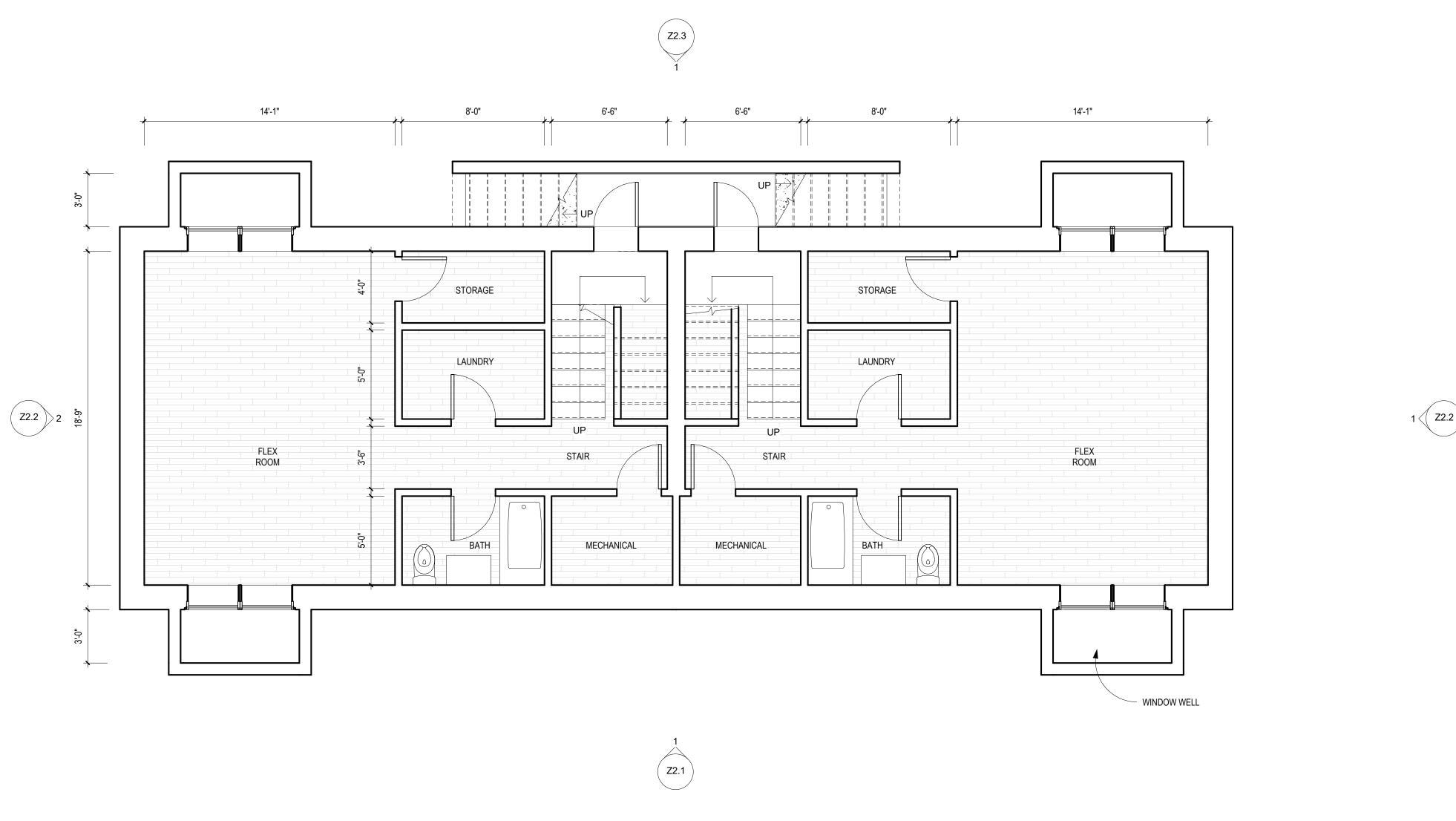
NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED LOWER LEVEL PLAN DATE

Z1.1

© 2023 Aamodt / Plumb



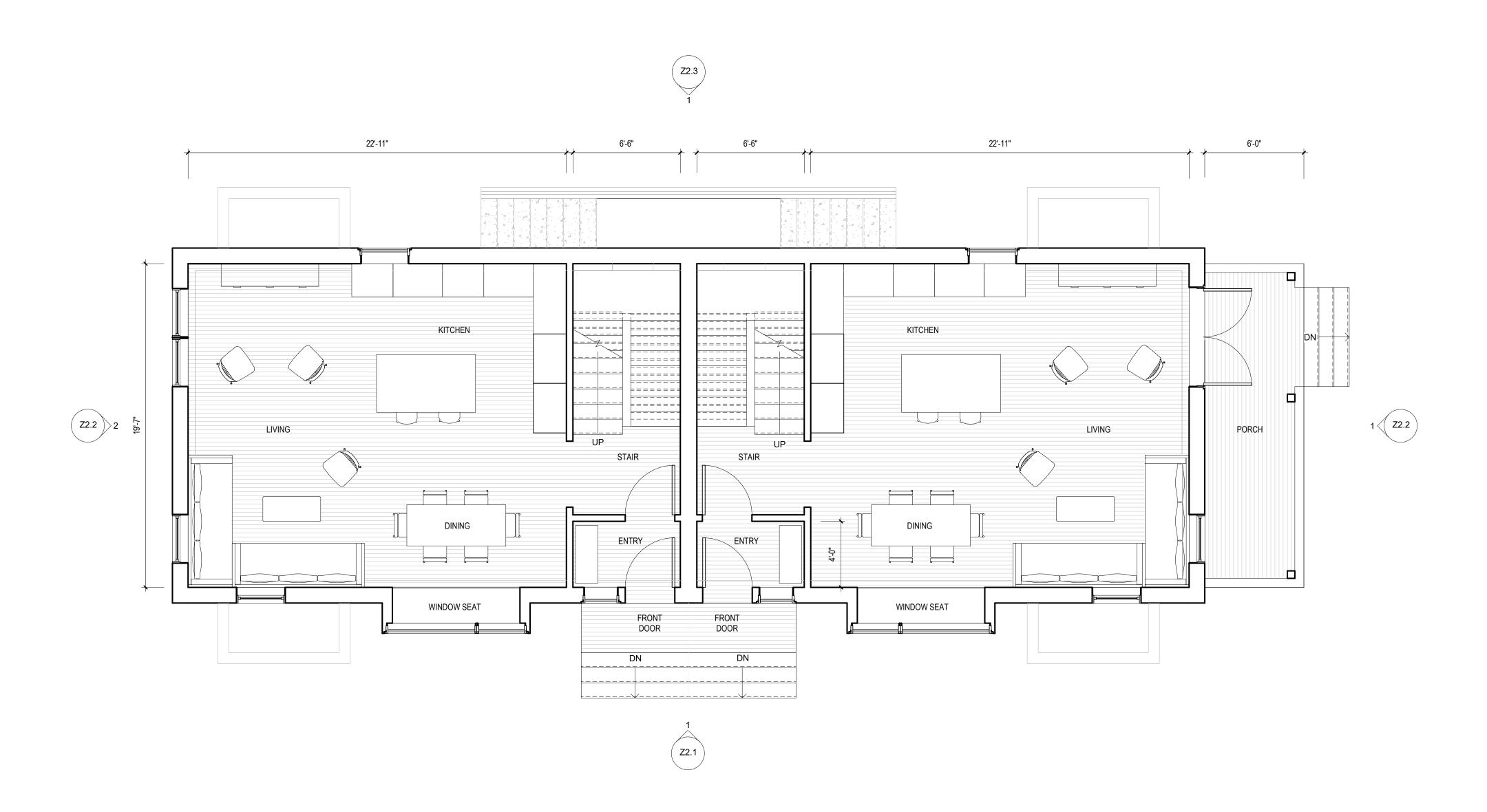
1) LOWER LEVEL PLAN 1/4" = 1'-0"

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED FIRST FLOOR PLAN

Z1.2



NOT FOR CONSTRUCTION

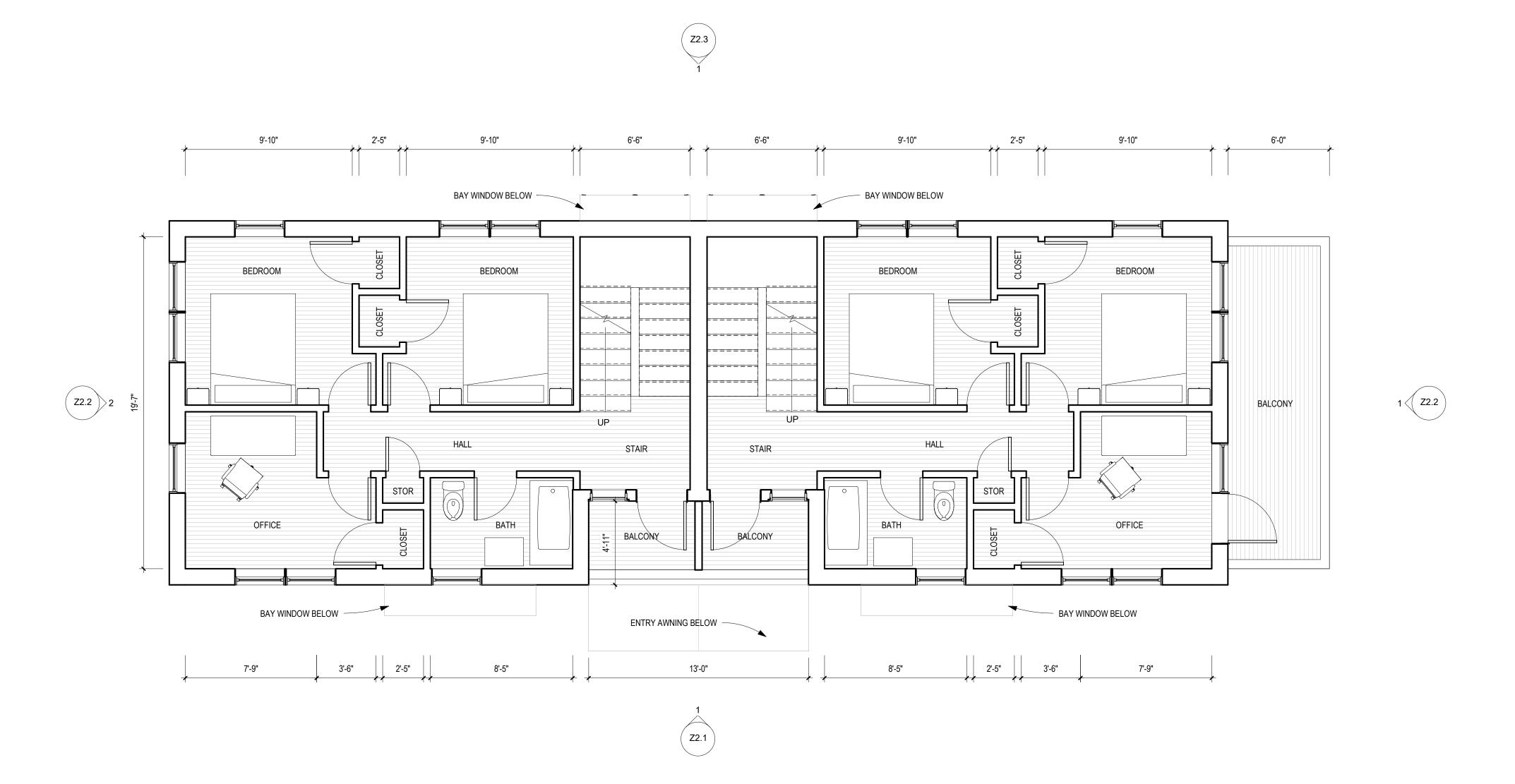
NO. ISSUED FOR

PROPOSED SECOND FLOOR PLAN

DATE

Z1.3

© 2023 Aamodt / Plumb



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

401 Concord Avenue Cambridge, MA 02138

Design Builder

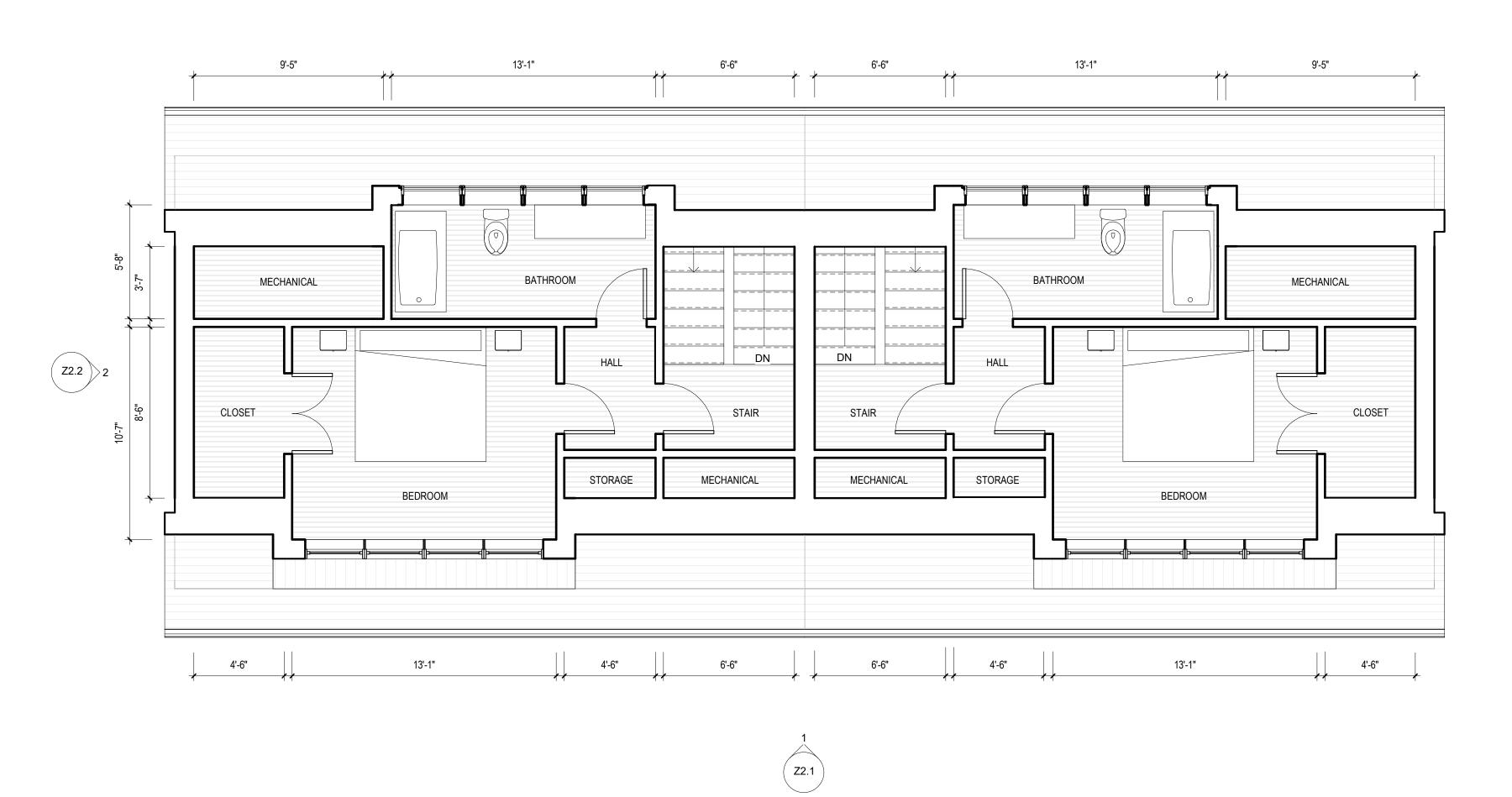
Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

NOT FOR

CONSTRUCTION

Z2.3



1 Z2.2

1 THIRD FLOOR PLAN
1/4" = 1'-0"

NO. ISSUED FOR

PROPOSED THIRD FLOOR PLAN DATE

Z1.4

401 Concord Avenue Cambridge, MA 02138

Design Builder

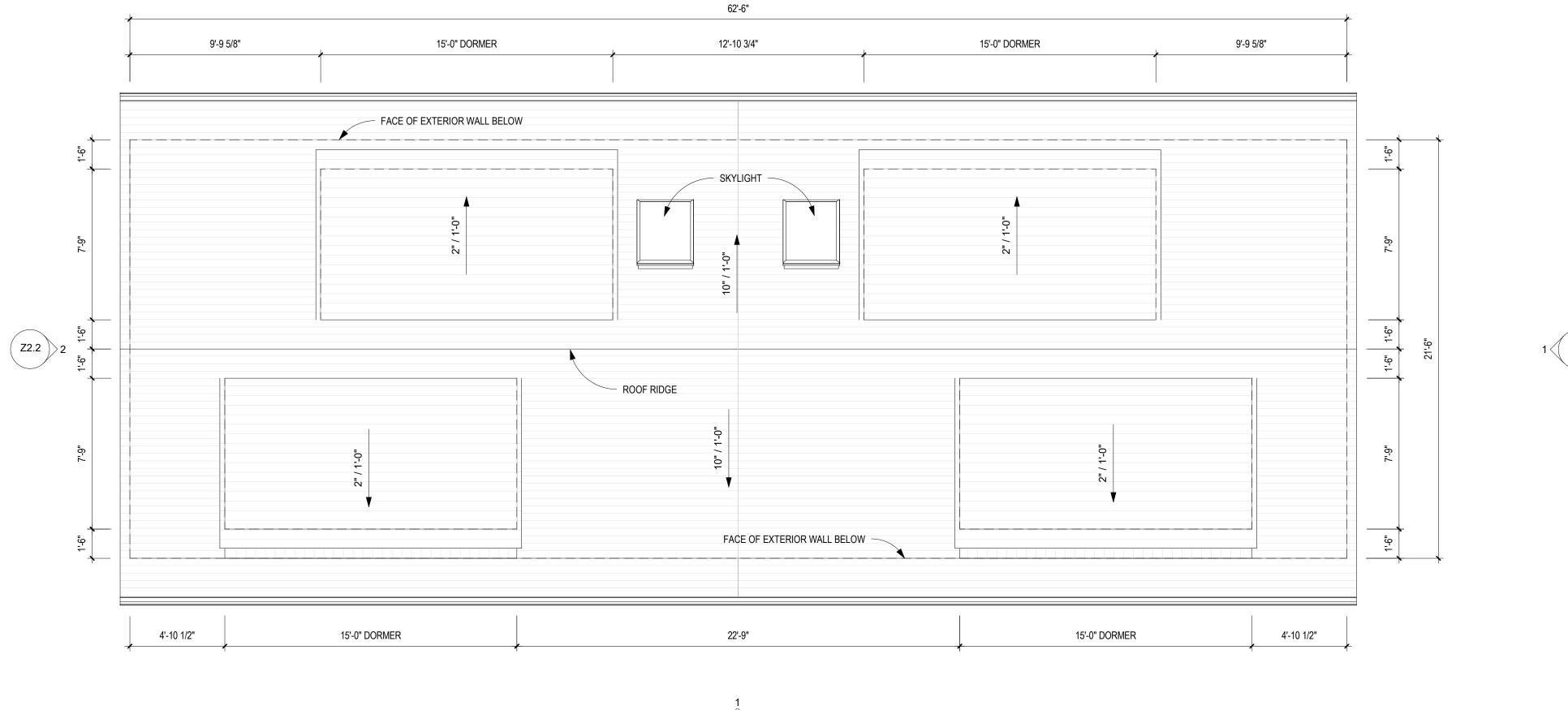
Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

NOT FOR

CONSTRUCTION





1 (Z2.2)

 Z2.1

NO. ISSUED FOR

PROPOSED ROOF PLAN

DATE

Z1.5

© 2023 Aamodt / Plumb

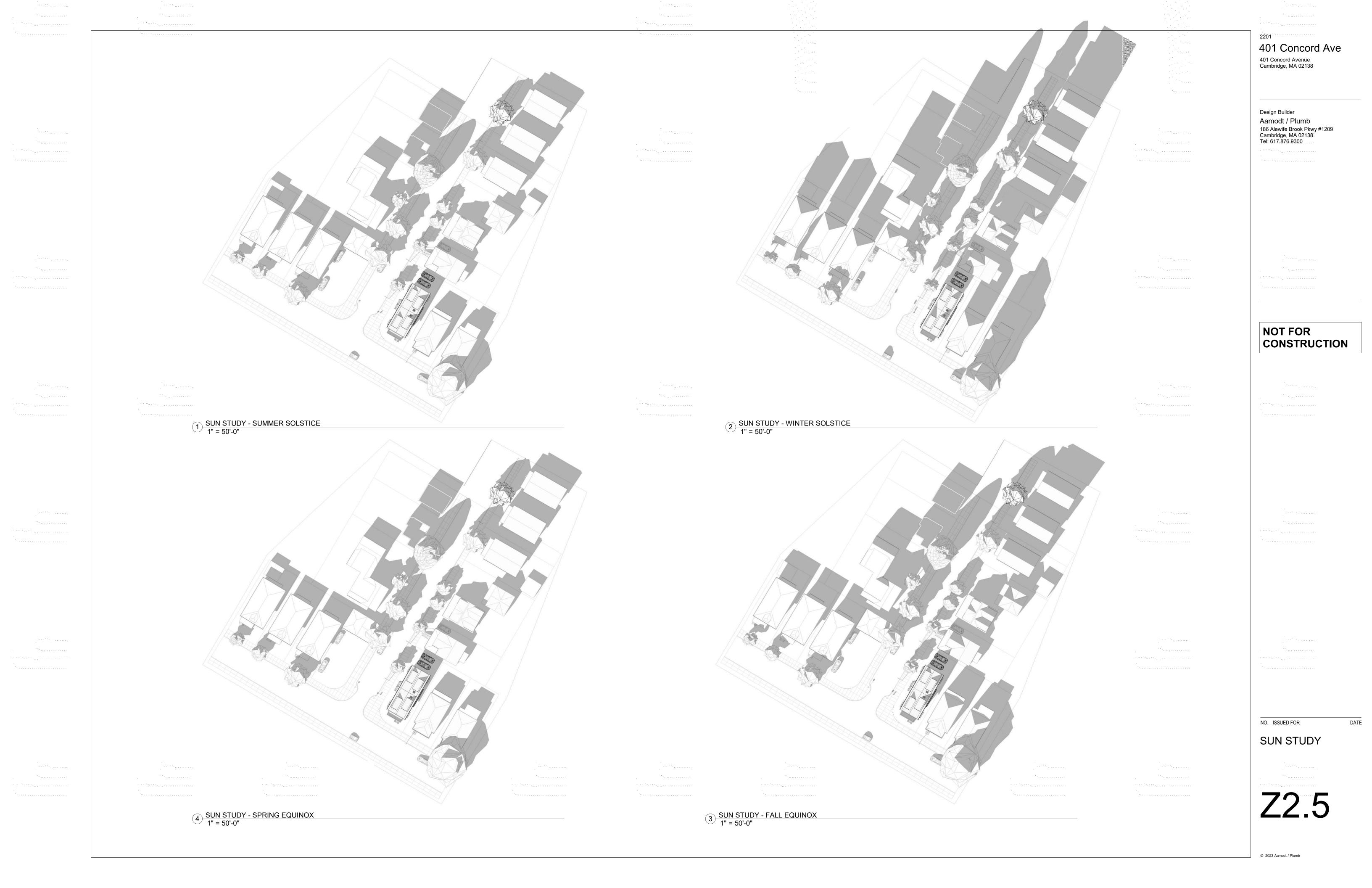
1 ROOF PLAN 1/4" = 1'-0"











Aamodt/Plumb

186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 617.876.9300

info@aamodtplumb.com www.aamodtplumb.com

February 20, 2023

Board of Zoning Appeal 831 Massachusetts Avenue Cambridge, MA 02139

RE: UPDATE to the Community Outreach Process for 401 Concord Avenue BZA Application No. 207647

Dear Members of the Board,

We held an additional Community Meeting on the evening of February 16th in order to present further design changes to our proposal in an effort to address the concerns voiced by some of the neighbors in their letters of opposition that had been submitted prior to the February 9th BZA hearing.

The proposed design changes included the removal of the third floor living space to reduce the proposed FAR from 0.93 down to 0.72 and the reworking of the roof of the building to further break down the massing along Corporal Burns Road.

These design changes were well received by the community. As a result, each of the abutting neighbors who had previously supported the project, continue to do so and I am aware that at least two of the previously opposing neighbors have now submitted letters of support for the project.

We believe that these efforts further demonstrate our commitment to working with the community to arrive at a viable project that will have a positive impact on the neighborhood.

Sincerely,

Andrew Plumb



CITY OF CAMBRIDGE

BOARD OF ZONING APPEAL

831 Massachusetts Avenue, Cambridge MA 02139

617-349-6100

BZA Application Form

BZA Number: 207647

General Information

The undersigne	d hereby petitions	s the Board of Zonin	ig Appeal for th	e following:
Special Permit:		Variance:	X	Appeal:
		3		
PETITIONER:	401 Concord Ave	, LLC C/O Andrew F	Plumb	
PETITIONER'S	ADDRESS: 186	Alewife Brook Pkwy	#1209, Cambi	ridge, MA 02138
LOCATION OF	PROPERTY: 401	Concord Ave, Ca	mbridge, MA	
TYPE OF OCCU	JPANCY: Single I	Family Dwelling	ZONING	DISTRICT: Residence B Zone
REASON FOR I	PETITION:			
/Change in Use/	Occupancy/ /Nev	w Structure/		
DESCRIPTION	OF PETITION	ER'S PROPOSAL	46	
setbacks, 2) redu	uce the minimum		g unit from 2,5	lwelling on a corner lot within the two front yard 00 sf / D.U. to 1,957 sf / D.U., 3) increase the rivate open space.
SECTIONS OF 2	ONING ORDINA	NCE CITED:		
Article: 5.000 Article: 8.000 Article: 10.000	_	Table of Dimensiona (Non-conforming S (Variance).		ts).
ж э		Original Signature(s):		(Petitioner (s) / Owner) Andrew Plumb
tt.				(Print Name)
		Address:	The state of the s	Brook Pkwy #1209, Cambridge, MA 02138
		Tel. No.	(617) 458-14	10

E-Mail Address:

andrew@aamodtplumb.com

Date: February 17, 2023

BZA Application Form

DIMENSIONAL INFORMATION

Applicant:

401 Concord Ave, LLC

Location:

401 Concord Ave, Cambridge, MA

Phone:

(617) 458-1410

Present Use/Occupancy: Single Family Dwelling

Zone: Residence B Zone

Requested Use/Occupancy: Two Family Dwelling

		Existing Conditions	Requested Conditions	Ordinance Requirements	
TOTAL GROSS FLOOR AREA:		1,756	2,805	1,957	(max.)
LOT AREA:		3,914	3,914	5,000	(min.)
RATIO OF GROSS FLOOR AREA TO LOT AREA: ²		0.45	0.72	0.50	
LOT AREA OF EACH DWELLING UNIT		3,914	1,957	2,500	
SIZE OF LOT:	WIDTH	40	40	50	28
	DEPTH	100	100	100	
SETBACKS IN FEET:	FRONT	14'-5" (Concord Ave side of corner lot)	9'-0" to Covered Porch, 15'-0" to Building (Concord Ave side of corner lot))	15'-0" (Concord Ave side of corner lot)	
	REAR	8'-2" (Corporal Burns Road side of corner lot)	11'-0" (Corporal Burns Road side of corner lot)	15'-0" (Corporal Burns Road side of corner lot)	
	LEFT SIDE	4'-6" (East Side Yard)	7'-6" (East Side Yard)	7'-6" (East Side Yard, per 5.21.1)	
,	RIGHT SIDE	8'-0" (North Side Yard)	22'-6" (North Side Yard)	7'-6" (North Side Yard, per 5.21.1)	
SIZE OF BUILDING:	HEIGHT	24'-9"	34'-0"	35'-0"	
	WIDTH	41'-6" house, 18'-0" garage	68'-6" including 6'-0" front porch	N/A	
	LENGTH	24'-6" house, 18'-0" garage	21'-6"	N/A	
RATIO OF USABLE OPEN SPACE TO LOT AREA:		per 5.22.1, 49% (770 SF), per 5.22.3, 92% (1,437 SF)	per 5.22.1, 62% (969 SF), per 5.22.3, 64% (1,002 SF)	per 5.22.1, 50% (783 SF), per 5.22.3, 50% (783 SF)	
NO. OF DWELLING UNITS:		1	2	2	
NO. OF PARKING SPACES:		2	2	1 per D.U.	
NO. OF LOADING AREAS:		0	0	0	5
DISTANCE TO NEAREST BLDG. ON SAME LOT		17'-9"	N/A	N/A	

Describe where applicable, other occupancies on the same lot, the size of adjacent buildings on same lot, and type of construction proposed, e.g; wood frame, concrete, brick, steel, etc.:

There is an existing detached garage on the property. Wood framed and very badly deteriorated.

- 1. SEE CAMBRIDGE ZONING ORDINANCE ARTICLE 5.000, SECTION 5.30 (DISTRICT OF DIMENSIONAL REGULATIONS).
- 2. TOTAL GROSS FLOOR AREA (INCLUDING BASEMENT 7'-0" IN HEIGHT AND ATTIC AREAS GREATER THAN 5') DIVIDED BY LOT AREA.

BZA Application Form

SUPPORTING STATEMENT FOR A VARIANCE

EACH OF THE FOLLOWING REQUIREMENTS FOR A VARIANCE MUST BE ESTABLISHED AND SET FORTH IN COMPLETE DETAIL BY THE APPLICANT IN ACCORDANCE WITH MGL 40A, SECTION 10.

A) A literal enforcement of the provisions of this Ordinance would involve a substantial hardship, financial or otherwise, to the petitioner or appellant for the following reasons:

The literal enforcement of the provisions of this Ordinance would only allow for a single dwelling unit. The property is zone for and cabable of supporting two dwelling units in a similar manner to several other adjacent properties along Concord Avenue.

A literal enforcement of the Ordinance would prevent the petitioner from expanding the city's inventory of housing and from creating dwelling units of a size and quality that attract and support long term residents in the neighborhood.

The hardship is owing to the following circumstances relating to the soil conditions, shape or topography of such land or structures and especially affecting such land or structures but not affecting generally the zoning district in which it is located for the following reasons:

The hardship is due to the lot having less than the minimum required lot area and width and the fact that the lot is located on a corner. These facts combined with a maximum FAR that was contemplated for larger, more generous lots results in greater restrictions on the number and size of dwelling units than are typically allowed by the ordinance. If literally enforced, the Ordinance would require a single family home to be built on a lot that is zoned for and can readily support a two-family dwelling.

C) DESIRABLE RELIEF MAY BE GRANTED WITHOUT EITHER:

1) Desirable relief may be granted without substantial detriment to the public good for the following reasons:

The proposed dwelling continues the existing pattern of two family buildings along Concord Avenue, stays within the district height limit, conforms to City of Cambridge dormer guidelines, will be a high performance, all electric building and will contribute to the City's storm water management goals with landscaped, permeable yards and an on site infiltration system.

The existing dwelling and detached garage have been neglected for decades, are uninhabitable and beyond repair. The existing structures are a blight in an otherwise lovely neighborhood. The proposed dwelling will provide new, sustainably built, additional housing to the neighborhood.

The size and massing of the propsed dwelling relates to both those along Concord Avenue and Corporal Burns Road with its use of covered porches on the Concord Avenue facade and by breaking down the massing into two volumes on the Corporal Burns Road side. The proposed front entries for both units face Corporal Burns Road which will further enliven the streetscape and give a human scale at a busy intersection.

Desirable relief may be granted without nullifying or substantially derogating from the intent or purpose of this Ordinance for the following reasons:

Among the purposes of the Ordinance are to "encourage the most rational use of land throughout the city" and "the protection of residential neighborhoods from incompatible activities." Granting the requested relief will continue a well established and good pattern of development along Concord Avenue. It will increase the amount of housing in the neighborhood while respecting the scale of the homes that are already present. This is a rational use of the land and protective of the integrity of the neighborhood.

There are many two family properties located long Concord Avenue and along Corporal Burns Road. All of the two family dwellings along Concord Avenue occupy lots that have less that the required lot area and width and each of these properties exceed the maximum FAR indicated by the Ordinance. Accordingly, for any of these dwellings to be built today, similar relief would be requested.

Granting relief for this proposal would allow a reasonable proposal to move forward and build a 21st century version of the dwellings that compose the fabric of this neighborhood. Relief would not set a precedent that derogates from the intent of purpose of the Ordinance because the type of relief being sought is similar to conditions that already exist in the surrounding neighborhood.

*If you have any questions as to whether you can establish all of the applicable legal requirements, you should consult with an attorney.

TWO FAMILY DEVELOPMENT

401 CONCORD AVENUE, CAMBRIDGE, MA, 02138

BOARD OF ZONING APPEAL DRAWING SET FEBRUARY 17, 2023 - REVISED

DRAWING LIST

BZA TITLE SHEET Z0.1 Z0.2 ASSESSOR'S GIS BLOCK MAP EXISTING CONDITIONS PLAN ZONING ANALYSIS Z0.3 Z0.4 Z0.5 EXISTING OPEN SPACE PROPOSED OPEN SPACE & SITE PLAN EXISTING CONDITIONS PHOTOS Z0.6 Z1.1 PROPOSED LOWER LEVEL PLAN Z1.2 PROPOSED FIRST FLOOR PLAN PROPOSED SECOND FLOOR PLAN Z1.3 Z1.5 PROPOSED ROOF PLAN Z2.1 PROPOSED EXTERIOR ELEVATIONS PROPOSED EXTERIOR ELEVATIONS **Z2.2** PROPOSED EXTERIOR ELEVATIONS Z2.3 Z2.4 Z2.5 CONTEXT ELEVATIONS SUN STUDY

220

401 Concord Ave

401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

BZA TITLE SHEET

Z0.0

© 2023 Aamodt / Plumb



220

401 Concord Ave 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

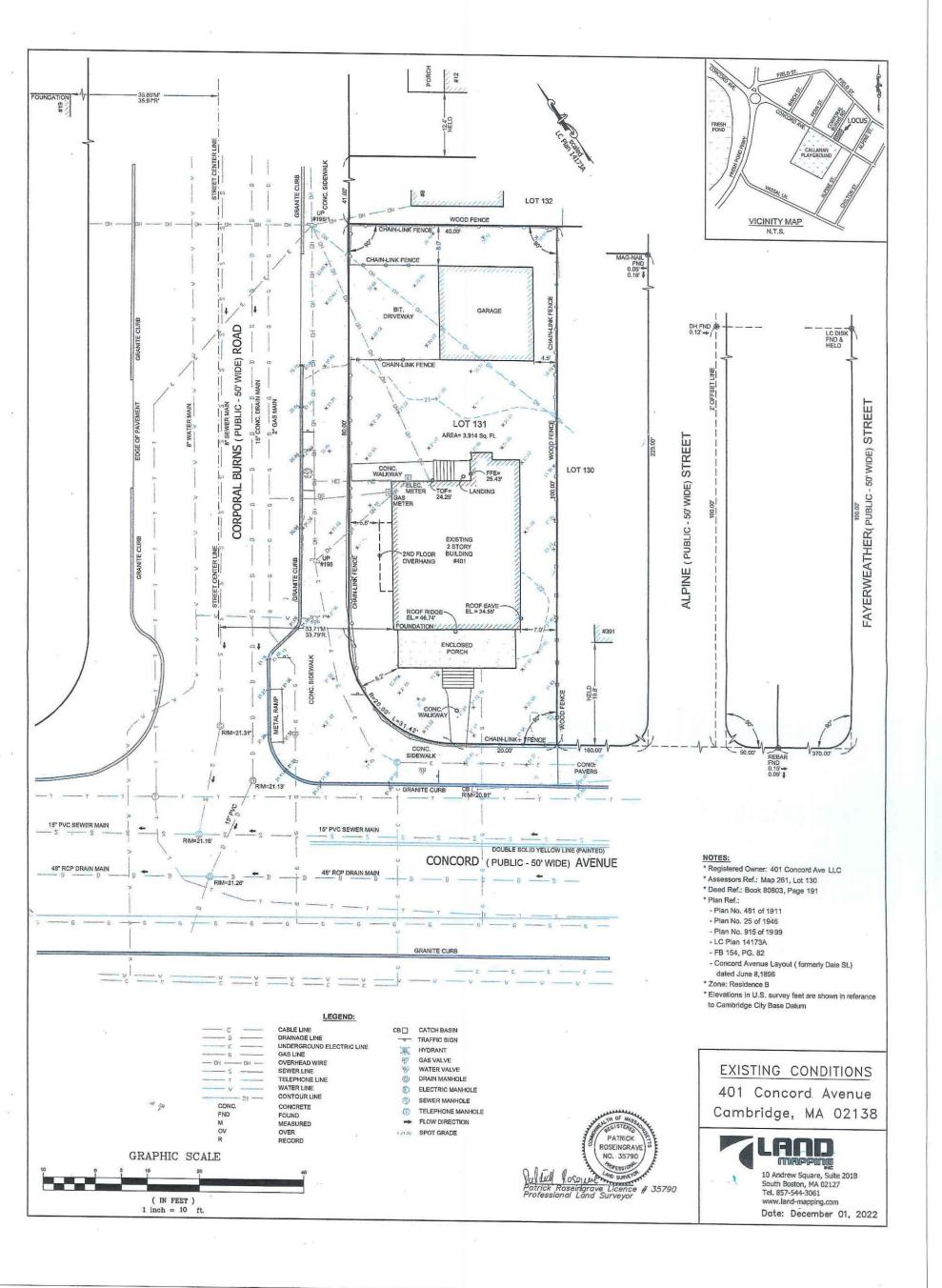
NOT FOR CONSTRUCTION

NO. ISSUED FOR

ASSESSOR'S GIS BLOCK MAP

Z0.1

6 2022 Asmed / Dismi



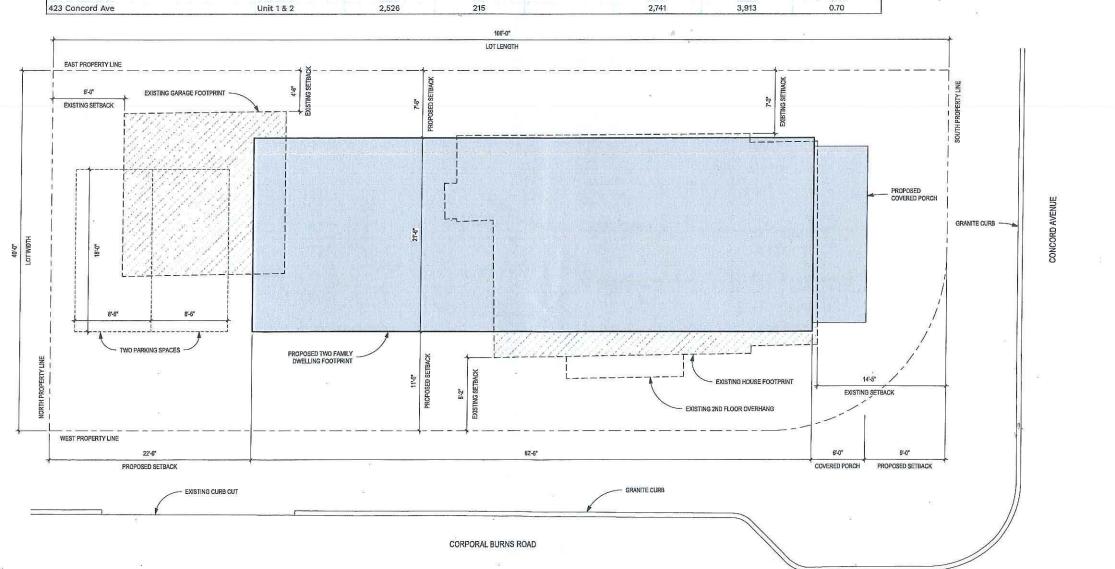
EXISTING CONDITIONS PLAN

DAT

NOT FOR CONSTRUCTION Design Builder
Aamodt / Plumb
186 Alewife Brook Plwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

401 Concord Ave
401 Concord Avenue
Cambridge, MA 02138

Zoning Summary	Ordinance	Existing	Proposed	31	No	tes			
Map-Lot	261-130			leseculia.					
Zoning District	Res. B								
Maximum F.A.R.	0.50	0.45	0.72	See below for FAR	analysis of adjacent prope	rties			
Minimum Lot Size in Sq. Ft.	5,000	3,914	3,914					1	
Minimum Lot Area Per D.U. in Sq. Ft.	2,500	3,914	1,957						
Minimum Lot Width	50'-0"	40'-0"	40'-0"						
Minimum Front Yard - Concord Ave	15'-0"	14'-5"	9'-0"		as added to the design as y abutting neighbors. Front				
Minimum Front Yard - Corporal Burns Road	15'-0"	8'-2"	11'-0"					- 6	
Minimum Side Yard - East	7'-6"	4'-6"	7'-6"						
Minimum Side Yard - North	7'-6"	8'-0"	22'-6"				W		
Minimum Rear Yard	25'-0"	N/A - Corner Lot	N/A - Corner Lot						
Maximum Building Height	35'-0"	24'-9"	34'-0"						2
Required Off-Street Parking	1 per D.U.	2 per D.U.	1 per D.U.						THE STATE OF THE S
Open Space Requirements	Ordinance	Existing	Proposed	5	Not	es			
Minimum Ratio of Private Open Space to Lot Area	40% (1,566 SF)	56% (2,207 SF)	50% (1,971 SF)	Total Open Space e	xcluding driveway, parking,	walkways, steps, reta	aining walls		
5.22.1 Private Open Space - Res. B	50% (783 SF)	49% (770 SF)	62% (969 SF)	Relief requested fro	om 15' minimum dimension	ľ			
5.22.3 Special Requirements - Res. B	50% (783 SF)	92% (1,437 SF)	64% (1,002 SF)	9 4					
Existing Concord Ave Properties FAR Comparison		Living Area	Covered Porch	Garage	Gross Floor Area	Lot Area	FAR	4	ALL DATA PROVIDED BY CITY OF CAMBRIDGE ASSESSING
391 Concord Ave	Unit 1 & 2	2,178	370		2,548	4,000	0.64	er/reseas	DEPARTMENT & CITY OF CAMBRIDGE PROPERTY DATABASE. EXISTING ATTIC SPACE IS EXCLUDED FROM THIS CALCULATION.
395 Concord Ave	Unit 1	2,142	370		2,512	4,000	0.63		
401 Concord Ave	Single Family	1,254	176	326	1,756	3,913	0.45	4	DATA BASED ON CURRENT EXISTING CONDITIONS SURVEY.
413 Concord Ave	Unit 1 & 2	2,526	186	v 10 10 10 10 10 10 10 10 10 10 10 10 10	2,712	4,000	0.68	×	
415 Concord Ave	Unit 1 & 2	2,545	380		2,925	4,000	0.73	8	
119 Concord Ave	Unit 1 & 2	2,593	355		2,948	4,000	0.74		
402 Concerd Ave	Unit 1 8 0	2,500	015		2.741	2.012	0.70		4



220

401 Concord Avenue
Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

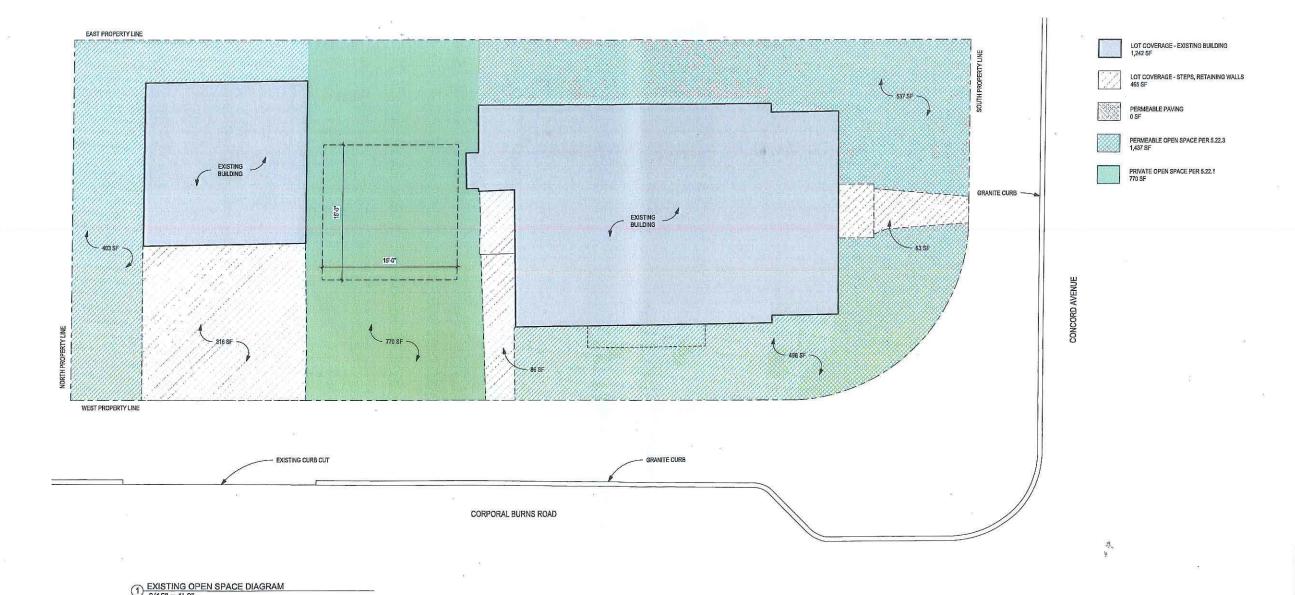
NO. ISSUED FOR

ZONING ANALYSIS

Z0.3

.....

Open Space Requirements	Ordinance	Existing	Proposed	Notes
Minimum Ratio of Private Open Space to Lot Area	40% (1,566 SF)	56% (2,207 SF)	50% (1,971 SF)	Total Open Space excluding driveway, parking, walkways, steps, retaining walls
5.22.1 Private Open Space - Res. B	50% (783 SF)	49% (770 SF)	62% (969 SF)	Relief requested from 15' minimum dimension
5.22.3 Special Requirements - Res. B	50% (783 SF)	92% (1,437 SF)	64% (1,002 SF)	And the second s



-

401 Concord Ave
401 Concord Avenue
Cambridge, MA 02138

Design Builder Aarnodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

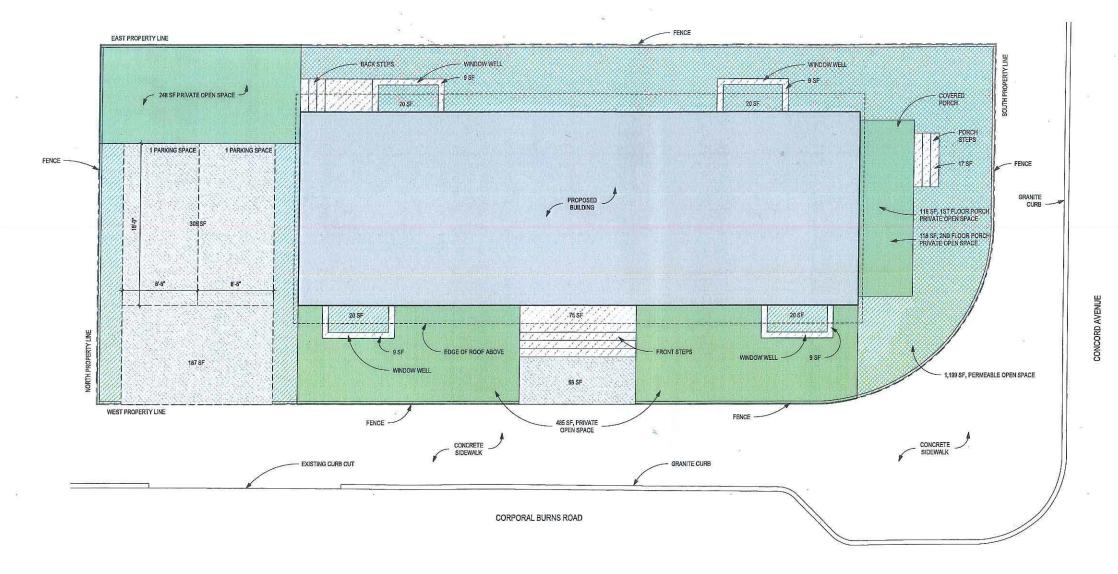
NO. ISSUED FOR

EXISTING OPEN SPACE

Z0.4

4:

Open Space Requirements	Ordinance	Existing	Proposed	Notes .
Minimum Ratio of Private Open Space to Lot Area	40% (1,566 SF)	56% (2,207 SF)	50% (1,971 SF)	Total Open Space excluding driveway, parking, walkways, steps, retaining walls
5.22.1 Private Open Space - Res. B	50% (783 SF)	49% (770 SF)	62% (969 SF)	Relief requested from 15' minimum dimension
5.22.3 Special Requirements - Res. B	50% (783 SF)	92% (1,437 SF)	64% (1,002 SF)	5 - 5 66 70 0 0



1 PROPOSED OPEN SPACE DIAGRAM
3/16" = 1'-0"

220

401 Concord Avenue 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876,9300

NOT FOR CONSTRUCTION

LOT COVERAGE - PROPOSED BUILDING 1,344 SF

LOT COVERAGE - STEPS, RETAINING WALLS 157 SF

PERMEABLE OPEN SPACE PER 5.22.3 1,002 SF

PRIVATE OPEN SPACE PER 5.22.1 969 SF

PERMEABLE PAVING 561 SF

NO. ISSUED FOR

PROPOSED OPEN SPACE & SITE PLAN

Z0.5

© 2023 Aamodt / Plumb

EXISTING HOUSE NORTH ELEVATION



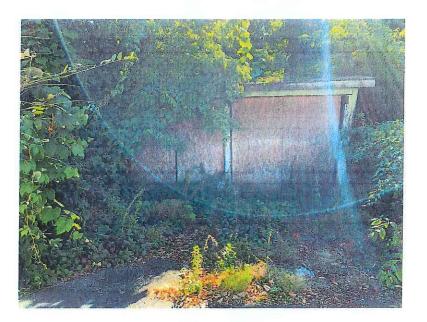
EXISTING HOUSE & GARAGE WEST ELEVATION



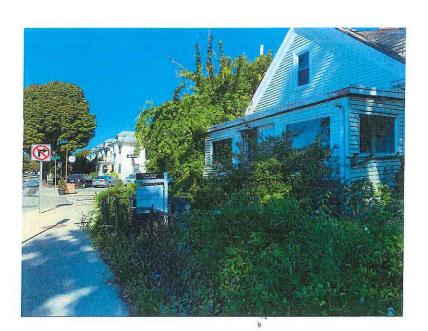
EXISTING HOUSE SOUTH ELEVATION



EXISTING GARAGE SOUTH ELEVATION



EXISTING GARAGE WEST ELEVATION



EXISTING HOUSE SOUTH ELEVATION

22

401 Concord Ave 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Plwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

EXISTING CONDITIONS PHOTOS

Z0.6

1) LOWER LEVEL PLAN
1/4" = 1'-0"

401 Concord Ave 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 166 Alewife Brook Plwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED LOWER LEVEL PLAN

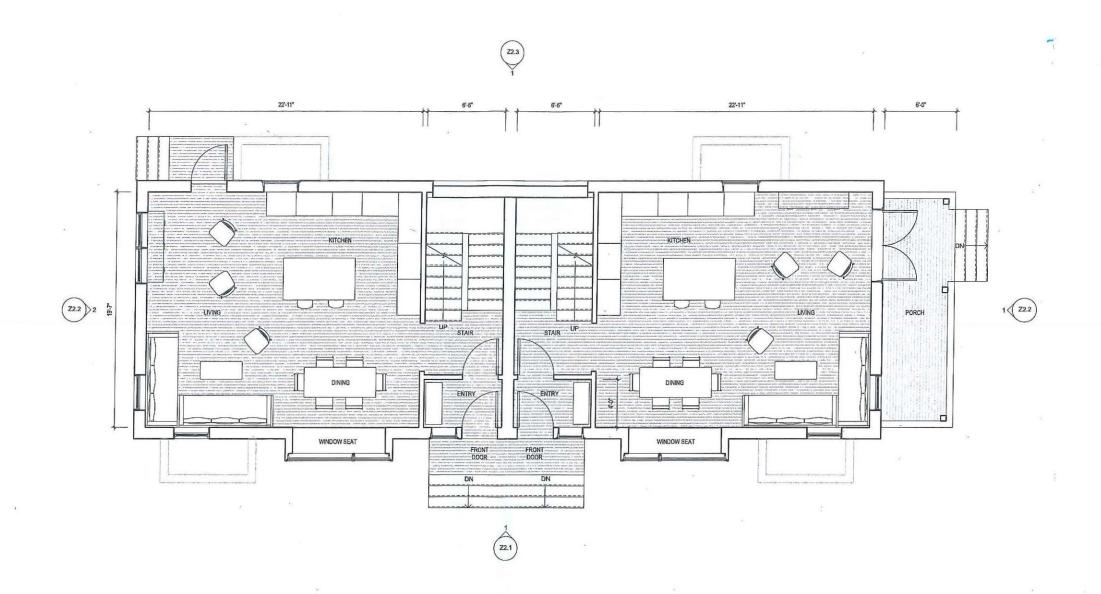
Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED FIRST FLOOR PLAN

Z1.2



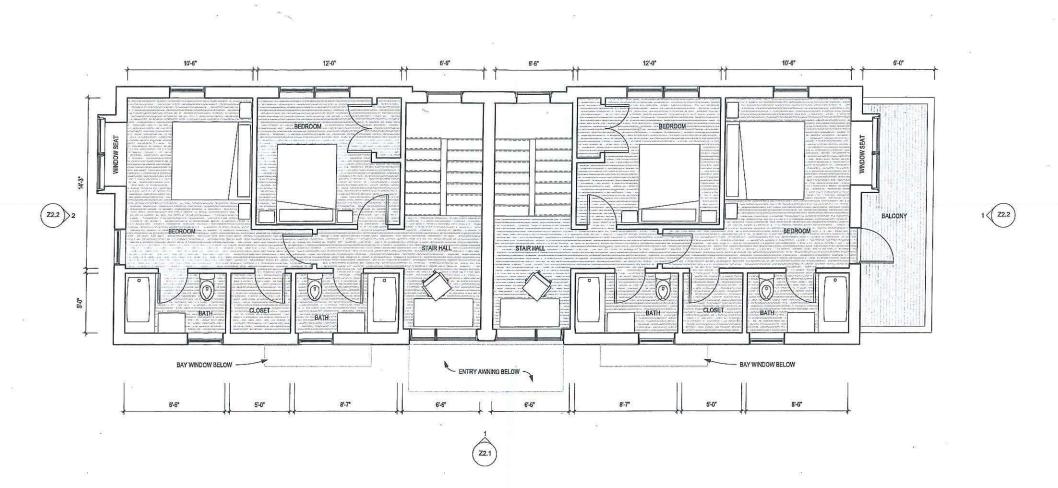
401 Concord Ave
401 Concord Avenue
Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy#1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED SECOND FLOOR PLAN



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

MAX. BLDG. HEIGHT 35' - 0" TOP OF ROOF 34' - 0"

2201

401 Concord Ave
401 Concord Avenue
Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED EXTERIOR ELEVATIONS

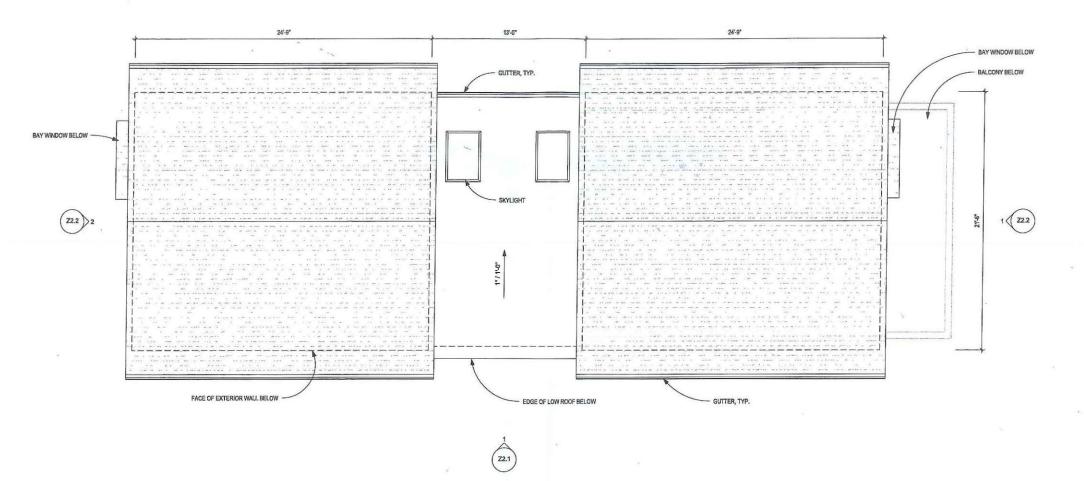
Z2.1

401 Concord Ave
401 Concord Avenue
Cambridge, MA 02138

Design Builder Aarnodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

Z2.3

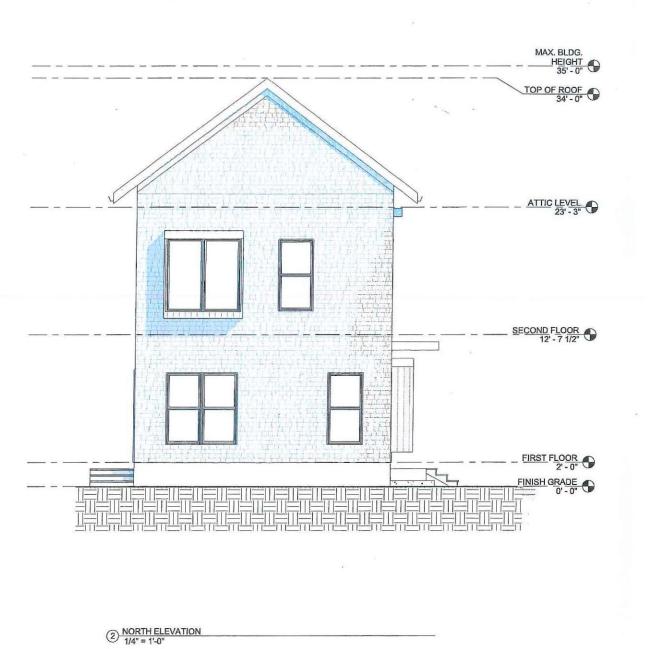


NO. ISSUED FOR

PROPOSED ROOF PLAN

Z1.5

1) ROOF PLAN 1/4" = 1'-0"



SECOND FLOOR

SECOND FLOOR

FIRST FLOOR

O'-O'

FINISH GRADE

O'-O'

O'-O'

FINISH GRADE

1/4" = 1'-0"

7 22

MAX. BLDG. HEIGHT 35' - 0" 401 Concord Ave 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED EXTERIOR ELEVATIONS

Z2.2

MAX. BLDG.

HEIGHT
35' - 0" FIRST FLOOR 2' - 0"

401 Concord Ave
401 Concord Avenue
Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876,9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED EXTERIOR ELEVATIONS

Z2.3

401 Concord Ave 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

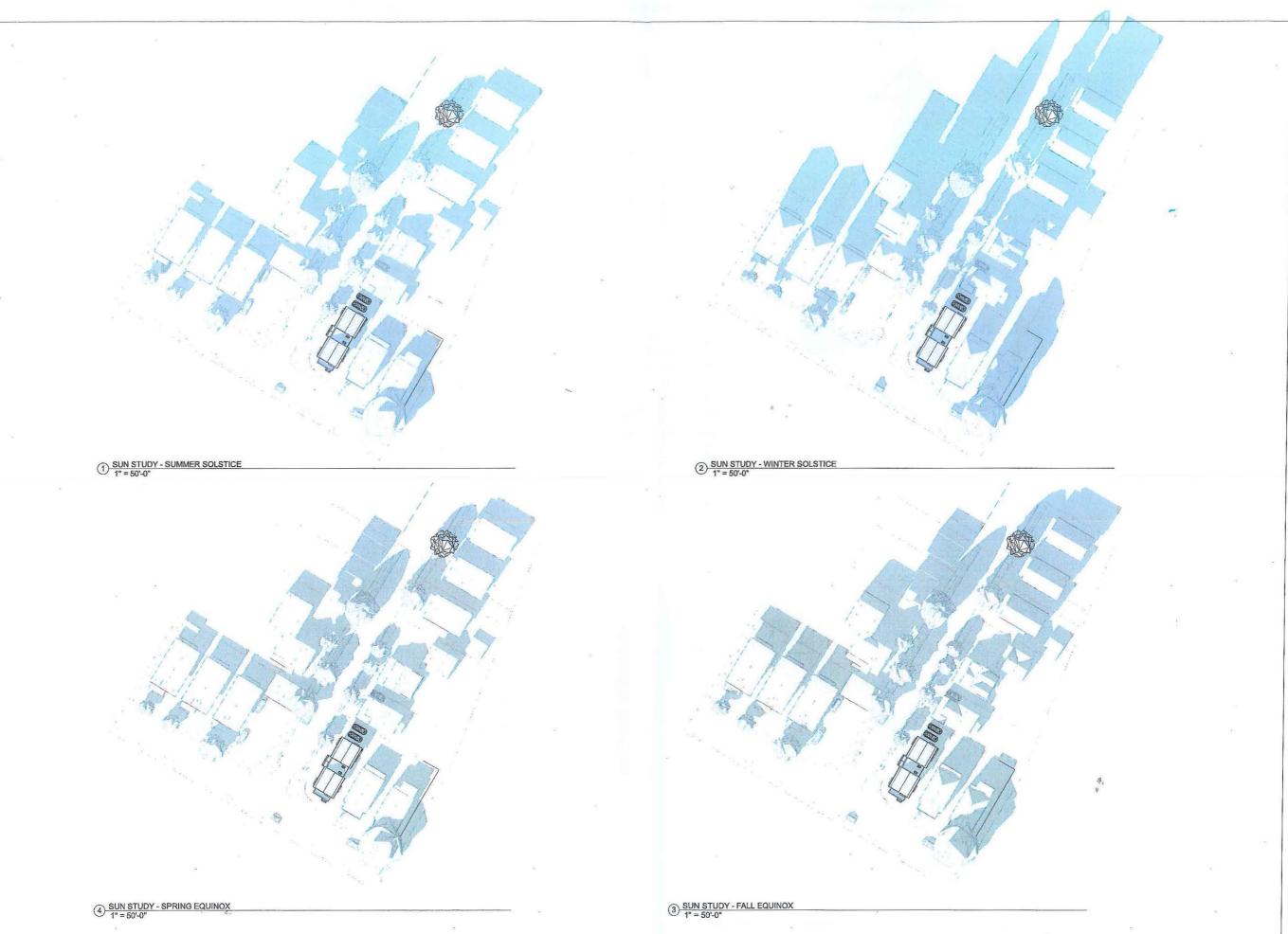
CONTEXT ELEVATIONS

CORPORAL BURNS ROAD - WEST

ELEVATION

1/16" = 1'-0"

CONCORD AVENUE - SOUTH
(2) ELEVATION
1/16" = 1'-0"



401 Concord Ave 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

SUN STUDY

Z2.5

Pacheco, Maria

From:

jessie@jenglish.us

Sent:

Tuesday, February 7, 2023 8:55 AM

To:

Pacheco, Maria

Subject:

Case # BZA-207647 Proposed Development at 401 Concord Ave

To: From: Board of Zoning Appeals
Jessie M. English, PhD

27 Corporal Burns Rd Cambridge, MA 02138

Subject:

Case # BZA-207647 Proposed Development at 401 Concord Ave

Date:

Feb. 7, 2023

I write in opposition to the proposed development at 401 Concord Ave. The developer has not demonstrated hardship regarding to justify the nearly doubling of FAR. The petition request a FAR of 0.93 versus the 0.5 FAR allowed under the City's zoning ordinance.

This increase differentiates from FAR of adjacent and nearby homes. I do not support this substantial increase in FAR. It is out of character for the neighborhood and it is unclear why this developer should be allowed to change the character of the neighborhood.

The current home is decrepit and potentially even a safety hazard. I welcome the construction of a new dwelling at this site. This will be a positive to the neighborhood. The petitioner, Mr. Plumb, who plans to build and then sell the home(s) has spent time with the neighborhood in meetings and discussions. I am appreciative of his work to engage the neighborhood. Also, his firm communicates a commitment to high quality construction. This also is very welcome and appreciated.

However, I can't support this proposal as it is potentially sets precedence and is not in line with the scale of the neighborhood.

I thank you for your work on the BZA on behalf of the Cambridge residents and for considering my letter.

Regards, Jessie M. English, PhD 27 Corporal Burns Rd.

Pacheco, Maria

From: Eileen Woodford <ewoodford@earthlink.net>

Sent: Monday, February 6, 2023 8:19 PM

To: Pacheco, Maria

Subject: Opposition to Case No. BZA-207647 — Proposed development at 401 Concord Avenue

TO: The Board of Zoning Appeals, City of Cambridge, MA

FROM: Eileen Woodford, 25 Corporal Burns Road, Cambridge, MA 02138

DATE: Monday, 6 February 2023

RE: Case No. BZA-207647 — Proposed development at 401 Concord Avenue

To the members of the Board of Zoning Appeal:

I write in opposition to the proposed development at 401 Concord Avenue. The petitioner, Andrew Plumb, has not demonstrated hardship as required by the Zoning Ordinance that would justify a near doubling of the FAR on this parcel. The petition asks the Board to allow an increase in FAR to .93, far exceeding the .50 FAR allowed under the city's Zoning Ordinance and the .43 FAR the currently exists on the site. Simply stated, this is excessive overbuilding. The petitioner's own analysis of the FAR values along Concord Avenue prove that his proposal is out of scale with the neighborhood. Those values range from .63 to .74 FAR. Remarkably, the petitioner did not include the FAR values for Corporal Burns Road which could be expected since he is proposing that the new units have Corporal Burns Road addresses.

The issue of hardship is key. Mr. Plumb has stated on numerous occasions that if he cannot get the requested variance that he would build a single family home that does comply with the FAR for a Residence B parcel. By his own admission, therefore, there is a viable alternative to his proposed development that he can — and said that he would — pursue. Since his project neither includes any affordable housing, which under the current City Ordinance allows for greater FAR, nor meets the necessary criterion of hardship, I respectfully request that the Board of Zoning Appeals deny his application for a variance.

To his credit, Mr. Plumb has spent considerable time seeking input from the neighborhood about the project, hosting a number of Zoom meetings and meeting individually with neighbors, and we were willing to engage in a collaborative conversation about plans for the site. One significant concern that was stated repeatedly during Zoom calls was the sheer size, scale and mass of the proposed design. Specifically, several of us, including myself, told Mr. Plumb that the proposed design was just too big.

In the end, Mr. Plumb responded with only cosmetic improvements to the design. He did not do not address the most significant problem with his proposed design that we raised — that of overbuilding.

The petitioner purchased the lot and building with full knowledge of the FAR and other constraints and regulations that apply to redeveloping a parcel in the city. He has failed to demonstrate any reason for the Board to grant relief from the city's Zoning Ordinance. To my knowledge, none of the abutting neighbors support this proposed project. They have effectively abstained by neither opposing nor supporting the development. I do not agree with this approach. I welcome a project that enhances the city, but I find no merit with this proposed development.

Respectfully yours, Eileen Woodford 25 Corporal Burns Road

Thank you for considering our concerns.

Pacheco, Maria

From:

Phillip Rothman <phillip.mayer.rothman@gmail.com>

Sent:

Monday, February 6, 2023 8:21 PM

To:

Pacheco, Maria

Cc:

Riley Rothman

Subject:

Concord Avenue, Case No. BZA 207647

TO: The Boards of Zoning Appeals, Cambridge, MA

FROM: Phillip & Riley Rothman

ADDRESS:22 Corporal Burns Rd, Cambridge, MA 02138

DATE: Monday, February 6th, 2023

RE: 401 Concord Avenue, Case No. BZA-207647

We write in opposition to the development (as currently proposed) at 401 Concord Avenue. They are asking for an exemption to the FAR, however, they are not proving hardship. This is an investment development where their motivation is to generate profit on the sale of the property. Their 'hardship' is that they won't make enough money.

They knew the lot size & the FAR regulations prior to making the purchase. What they are trying to do will negatively impact the current neighbors. If they can build this design it will set a new precedent for the neighborhood. What they are asking for goes against current city zoning regulations and should not be permitted.

We welcome a new development here and support the growth of the neighborhood. They continue to ask us for thoughts and input on their development and they continue to disregard and ignore our comments about the FAR. They should either scale down their two-family design (2- or 3-bed rather than the 4-bedroom proposal) or construct a single-family home.

Thank you for considering our concerns. Phillip & Riley Rothman 22 Corporal Burns Road

-- Phillip Rothman

New Jersey Life & Casualty www.NJLC.com

Email: PRothman@NJLC.com

Office: 973.535.0955 Cell: 917.912.0999

Pacheco, Maria

From:

Robin Bonner <r_l_bonner@yahoo.com>

Sent:

Monday, February 6, 2023 8:35 PM

To: Cc: Pacheco, Maria Robin Bonner

Subject:

Opposing BZA 207647

To: The Board of Zoning Appeals

From: Robin Bonner, 15 Corporal Burns Rd.

Date: February 6, 2023

RE: BZA Case #207647 / 401 Concord Ave.

I am writing to oppose the requested variance for 401 Concord Avenue, BZA Number 207647.

The petitioner requests an FAR of .93, far exceeding the allowable .50 FAR as well as exceeding the comparable actual FAR of nearby properties. And the petitioner has not demonstrated hardship.

The submitted application includes "Existing Concord Ave. FAR Comparison" table for addresses from 391 Concord Ave. to 423 Concord Ave., but since the petitioner plans to change the address from Concord Ave. to Corporal Burns Rd., comparison FAR values for Corporal Burns Rd. should also be considered.

Existing FAR values for nearby Concord Ave. properties and all Corporal Burns Rd. do not come close to the nearly double FAR requested.

The petitioner writes: "The hardship is due to the lot having less than the minimum required lot area..." But surely the lot, purchased for development, was purchased knowing the allowable zoning regulations. That doesn't seem to demonstrate hardship.

An extreme override of allowable FAR should be a matter of city policy, not something decided by a developer or by a few neighbors. The city does, in fact, have a policy that grants zoning relief to permit a greater FAR — in cases when the development will provide Affordable Housing. Granting a variance for an FAR so greatly over what is allowed flouts city goals and sets a precedent for additional overbuilding not aligned with city needs.

Sincerely, Robin Bonner 15 Corporal Burns Rd. PCA

Architecture
Interiors
+ Planning

02/06/23

Board of Zoning Appeal
City Hall
795 Mass Ave.
Cambridge, MA 02139

Dear Members of the BZA:

My wife and I have had a chance to meet with Andrew Plumb of Aamodt/Plumb Architects on several occasions to review the evolution of their current proposal before you BZA-207647 – 401 Concord Ave.

They have met with my neighbors, and I believe have made a good faith effort to incorporate feedback they received.

The general neighborhood is a combination of single family and 2 Family dwellings in buildings generally comparable in size; the majority of which are non-conforming in some aspect; including my own.

The gabled roof and dormers are a vernacular found in buildings nearby and the integration of porches along Concord Ave echo the porches found at the 3

The porch and entries along Corporal Burns serve to break down the length of that exterior wall into 2 smaller scale vertical elements.

The new design meets the setbacks along Corporal Burns that the existing house currently violates. The double hung windows and the shingle patterns add a level of detail are comparable to its neighbors.

The 2 fenced-in parking spaces located in the footprint of an existing dilapidated garage, moves the build away from the nearest neighboring building to mitigate shadows cast by the new structure.

Located on a corner lot along a very busy street and across from the school's ball fields; I think the scale of the building is appropriate and support their application for relief.

Best regards,

adjacent residences.

Phone: 617-547-8120

David Chilinski FAIA

Email: dchilinski@pcadesign.com | Direct: 857-453-2920

391 Concord Ave #1 Cambridge, MA 02138

Pacheco, Maria

From:

Alan Price <ap02138@gmail.com>

Sent:

Friday, February 17, 2023 8:34 AM

To: Subject:

Gina LaRoche; Pacheco, Maria Re: 401 Concord Avenue, Case No. BZA 207647

TO: The Board of Zoning Appeals, Cambridge, MA

FROM: Alan Price & Gina LaRoche at

7 Corporal Burns Rd, Cambridge, MA 02138

DATE: Friday, February 17th, 2023

RE: 401 Concord Avenue, Case No. BZA-207647

Based on the revised proposal that was presented to neighbors on Thursday, February 16th, we now write in support of the development at 401 Concord Avenue. The revised proposal is a better fit with the scale of surrounding structures and does not create a precedent that would encourage overdevelopment nearby.

We applaud the developer for his continued engagement with the neighborhood. His revisions reflect an admirable effort to truly listen and meet our concerns. We now welcome both the developer and this proposed development.

Thank you.
Alan Price & Gina LaRoche
7 Corporal Burns Rd, Cambridge, MA 02138

2/20/2023

Dear Mr. Plumb:

I write in enthusiastic support of the project you are proposing for the property at 401 Concord Avenue in Cambridge.

I own and live in the house next door, at 395/397 Concord Avenue.

I appreciate the fact that you have held several meetings with nearby residents and adapted your plans in light of concerns voiced by the abutters and others who live close to the property. At the most recent meeting on 2/16/23, you detailed multiple changes to the design that again responded directly to concerns of some residents of the neighborhood.

The proposed plan and its design will be a very good addition to the neighborhood.

Good luck with the project.

Regards,

Nicola Moore

Cambridge Zoning Board:

We are David Doolittle and Judith Bacher who live at 8 Corporal Burns Road, Cambridge, MA and are abutters to the property at 401 Concord Ave.

Since our last letter, Andrew and Meta have proposed a redesign that has taken into account the most significant concerns that we and our neighbors had. They have greatly reduced the FAR by removing the living space on the third floor, removed the dormers, and reduced the massiveness of the building by lowering the roof in the area between the two units.

They held another zoom meeting to present to us and discuss their new design. This was greatly appreciated so that we are kept in the loop.

They have really listened to our input and our issues and made serious adjustments to their design so that our concerns were addressed.

Therefore, we would like to state that we support their newly proposed design for the property at 401 Concord Ave.

Judith Bacher & David Doolittle

Joseph a Bocker Dan I Drotatt

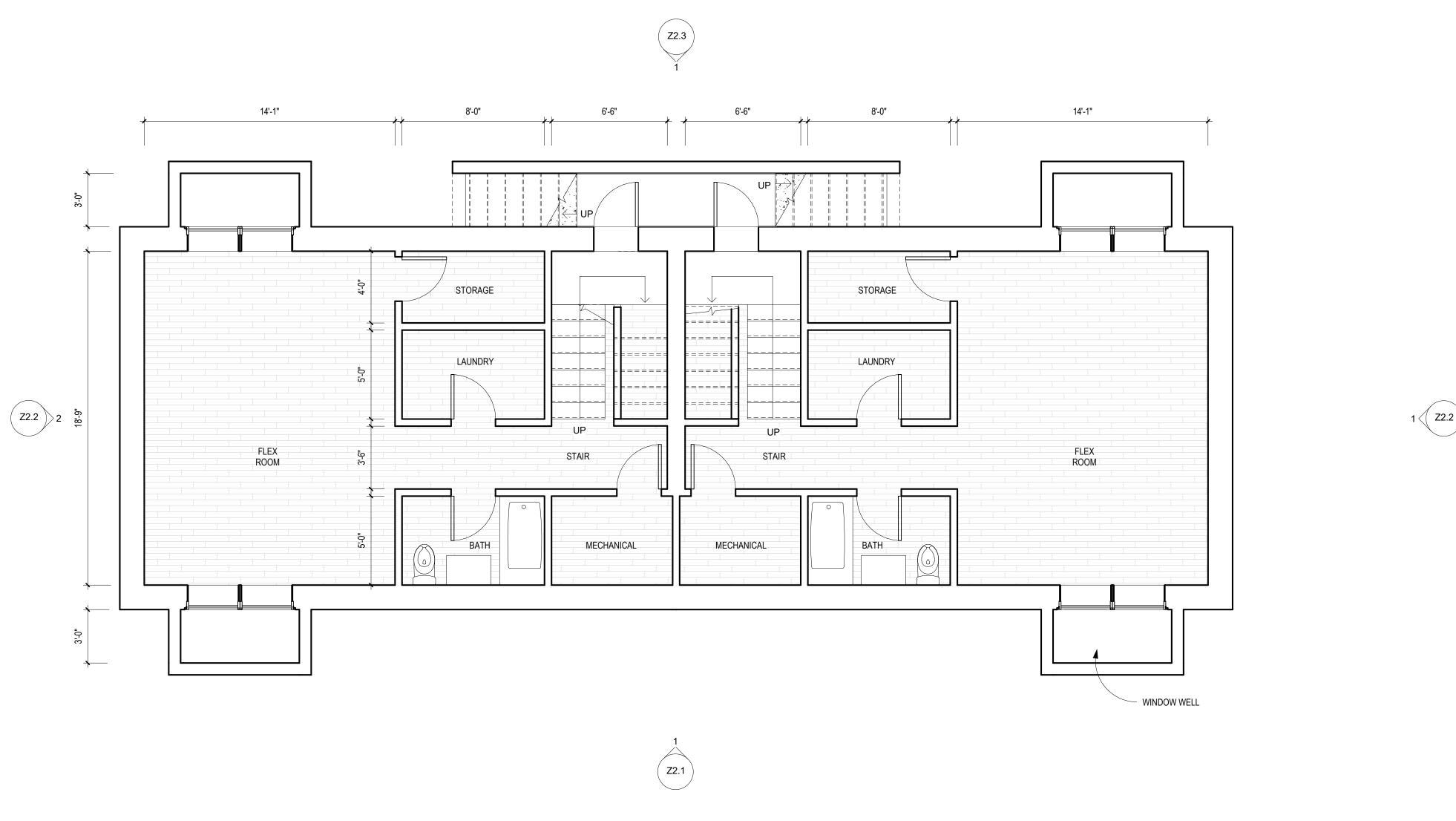
NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED LOWER LEVEL PLAN DATE

Z1.1

© 2023 Aamodt / Plumb



1) LOWER LEVEL PLAN 1/4" = 1'-0"

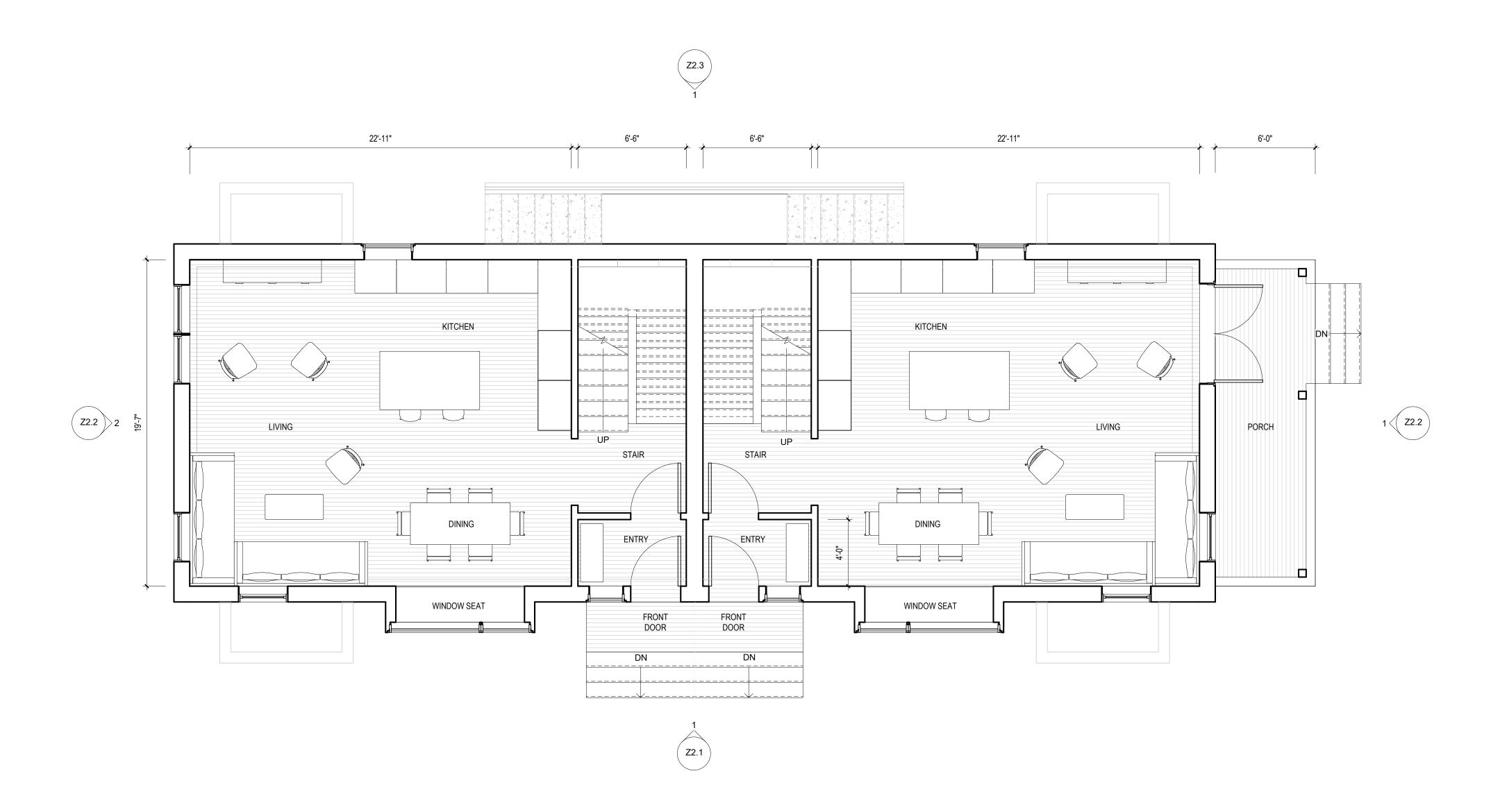
NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED FIRST FLOOR PLAN

Z1.2

© 2023 Aamodt / Plumb



1) FIRST FLOOR PLAN 1/4" = 1'-0"

NOT FOR CONSTRUCTION

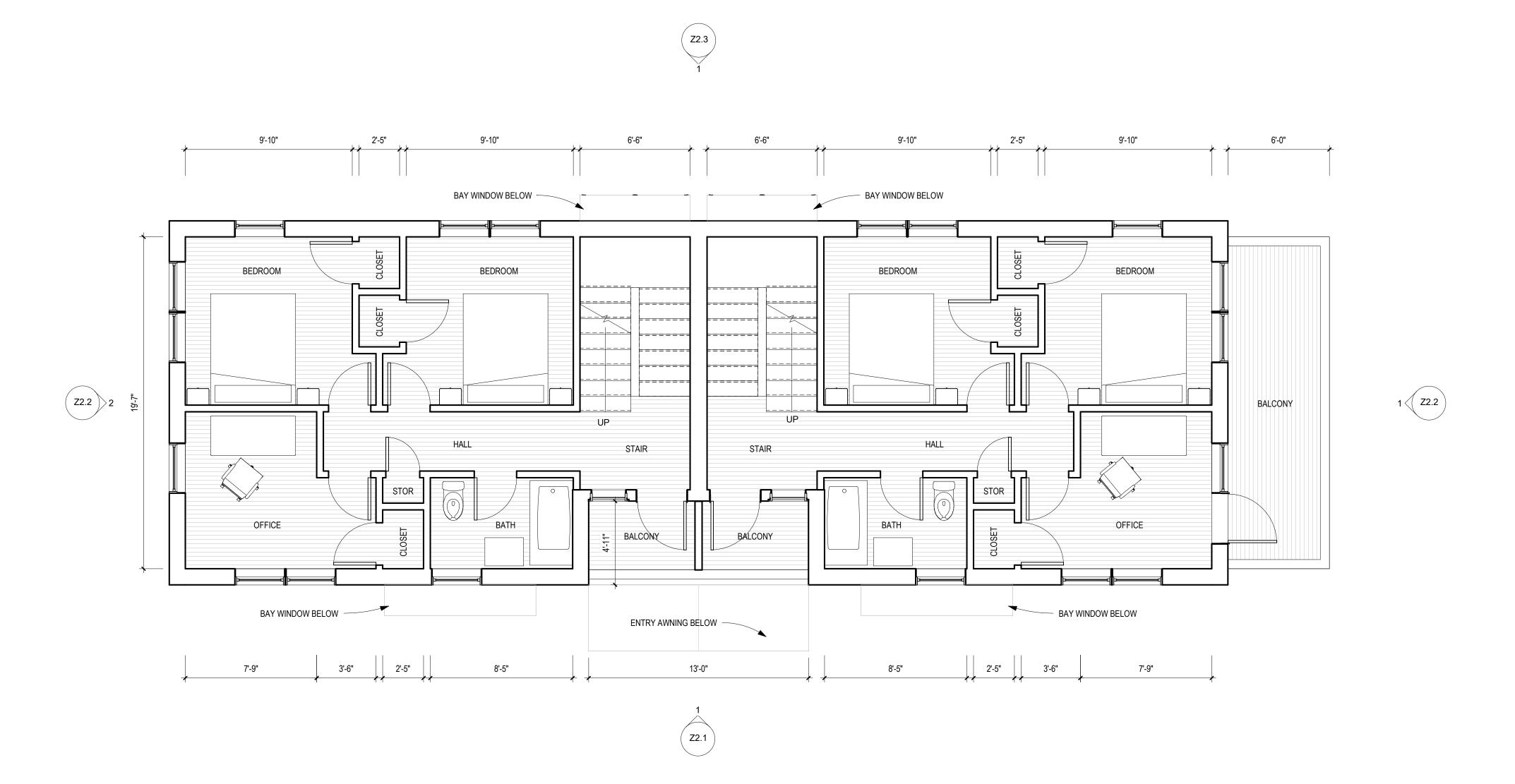
NO. ISSUED FOR

PROPOSED SECOND FLOOR PLAN

DATE

Z1.3

© 2023 Aamodt / Plumb



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

401 Concord Avenue Cambridge, MA 02138

Design Builder

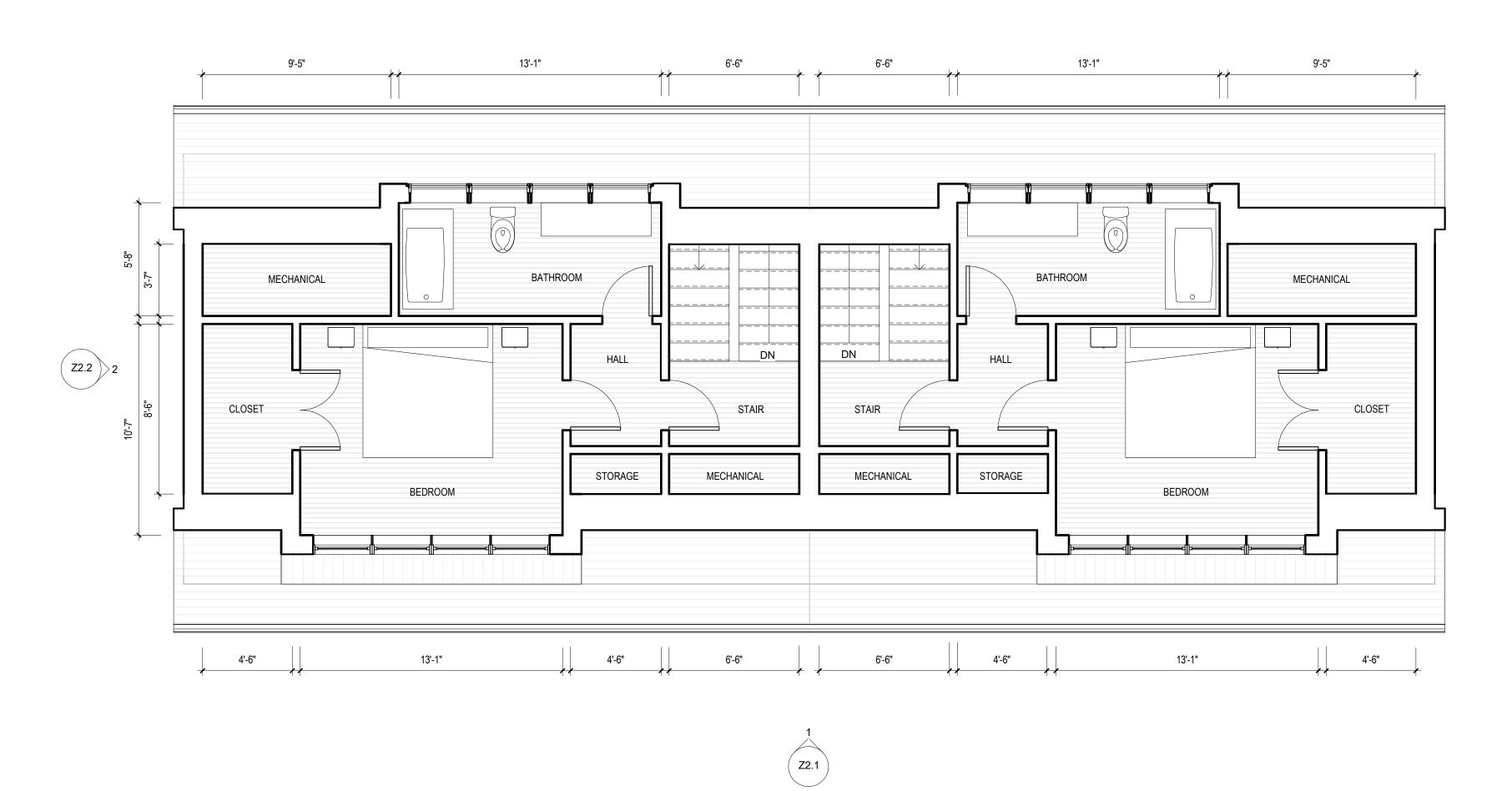
Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

NOT FOR

CONSTRUCTION

Z2.3



1 Z2.2

NO. ISSUED FOR

PROPOSED THIRD FLOOR PLAN DATE

Z1.4

© 2023 Aamodt / Plumb

1 THIRD FLOOR PLAN
1/4" = 1'-0"

401 Concord Avenue Cambridge, MA 02138

Design Builder

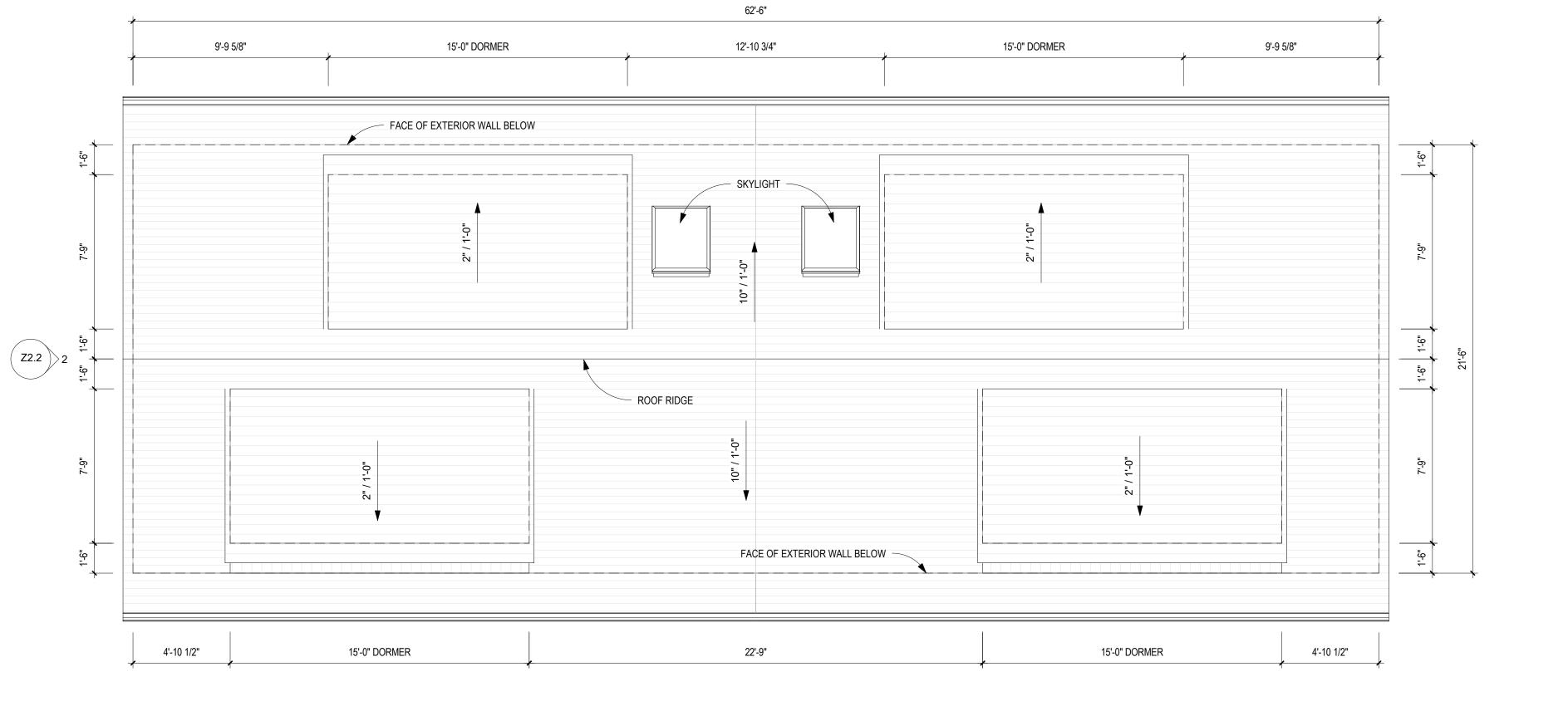
Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

NOT FOR

CONSTRUCTION





Z2.1

1) ROOF PLAN 1/4" = 1'-0"

NO. ISSUED FOR

PROPOSED ROOF PLAN

DATE

Z1.5

Pacheco, Maria

From:

jessie@jenglish.us

Sent:

Monday, February 20, 2023 10:02 AM

To:

Pacheco, Maria

Cc: Subject: 'Andrew Plumb'
BZA-207647 Proposed Development at 401 Concord Ave-rescind opposition

To:

Board of Zoning Appeals

From:

Jessie M. English, PhD 27 Corporal Burns Rd Cambridge, MA 02138

Subject:

Case # BZA-207647 Proposed Development at 401 Concord Ave

Date:

Feb. 20, 2023

I write to rescind my opposition (sent Feb 7, 2023) to the proposed development at 401 Concord Ave. The developer has engaged with the neighbors and amended the design to incorporate resident's feedback.

The current home is decrepit and potentially even a safety hazard. I welcome the construction of a new dwelling at this site. This will be a positive to the neighborhood. The petitioner, Mr. Plumb, who plans to build and then sell the home(s) has spent time with the neighborhood meetings and discussions. I am appreciative of his work to engage the neighborhood. Also, his firm communicates a commitment to high quality construction. This also is very welcome and appreciated.

I thank you for your work on the BZA on behalf of the Cambridge residents and for considering my letter.

Regards, Jessie M. English, PhD 27 Corporal Burns Rd.

Pacheco, Maria

From:

David Chilinski <dchilinski@pcadesign.com>

Sent:

Sunday, February 19, 2023 10:14 AM

To:

Pacheco, Maria

Cc:

andrew@aamodtplumb.com; hoonemk@gmail.com; David Chilinski

Subject:

401 Concord Ave - Letter of support

Attachments:

Board of Zoning Appeal letter DC 2-19-23.docx

Maria

Please find attached a revised letter of support for the ZBA case at 401 Concord Avenue.

I had sent one earlier this month.....but there was a subsequent meeting with the neighbors that further altered the design submission so This letter deals with those alternatives proposed.

Thank you

David Chilinski FAIA

President

dchilinski@pcadesign.com

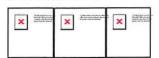


Architecture Interiors + Planning

221 Hampshire Street Cambridge, MA 02139

Office: 617-547-8120 Direct: 857-453-2920

pcadesign.com



Notice of confidentiality

PCA

Architecture
Interiors
+ Planning

02/19/23

Board of Zoning Appeal
City Hall
795 Mass Ave.
Cambridge, MA 02139

Dear Members of the BZA:

My wife and I have had a chance to meet with Andrew Plumb of Aamodt/Plumb Architects on several occasions to review the evolution of their current proposal before you BZA-207647 – 401 Concord Ave.

They have met with my neighbors, and I believe have made a good faith effort to incorporate feedback they received.

The general neighborhood is a combination of single family and 2 Family dwellings in buildings generally comparable in size; the majority of which are non-conforming in some aspect; including my own.

Phone: 617-547-8120

Email: connect@pcadesign.com

The gabled roof and materials and double hung windows are similar to the vernacular found in buildings nearby and the integration of porches along Concord Ave echo the porches found at the 3 adjacent residences.

The porch, building articulation appear to be 2 attached buildings along Corporal Burns is effective in breaking down the scale of that exterior wall.

The new design meets the setbacks along Corporal Burns that the existing house currently violates.

The 2 fenced-in parking spaces located in the footprint of an existing dilapidated garage, moves the build away from the nearest neighboring building to mitigate shadows cast by the new structure.

Located on a corner lot along a very busy street and across from the school's ball fields; I think the scale of the building is appropriate and my wife Maureen and I support their application for relief.

Best regards,

David Chilinski FAIA

pcadesign.com



City of Cambridge

831 Mass Avenue, Cambridge, MA. (617) 349-6100

Board of Zoning Appeal Waiver Form

The Board of Zoning Appeal 831 Mass Avenue Cambridge, MA 02139

Address: 401 Contord Ale.
□ Owner, □ Petitioner, or □ Representative: Andrew Aunth
(Print Name)
hereby waives the required time limits for holding a public hearing as required by
Section 9 or Section 15 of the Zoning Act of the Commonwealth of Massachusetts,
Massachusetts General Laws, Chapter 40A. The □ Owner, □ Petitioner, or □
Representative further hereby waives the Petitioner's and/or Owner's right to a
Decision by the Board of Zoning Appeal on the above referenced case within the time
period as required by Section 9 or Section 15 of the Zoning Act of the Commonwealth of
Massachusetts, Massachusetts General Laws, Chapter 40A, and/or Section 6409 of the
federal Middle Class Tax Relief and Job Creation Act of 2012, codified as 47 U.S.C.
§1455(a), or any other relevant state or federal regulation or law.
1 201

Signature

Aamodt / Plumb

186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 617.876.9300

1

info@aamodtplumb.com www.aamodtplumb.com

February 7, 2023

Board of Zoning Appeals 831 Massachusetts Avenue Cambridge, MA 02139

RE: Request for Continuance, BZA Case 207647

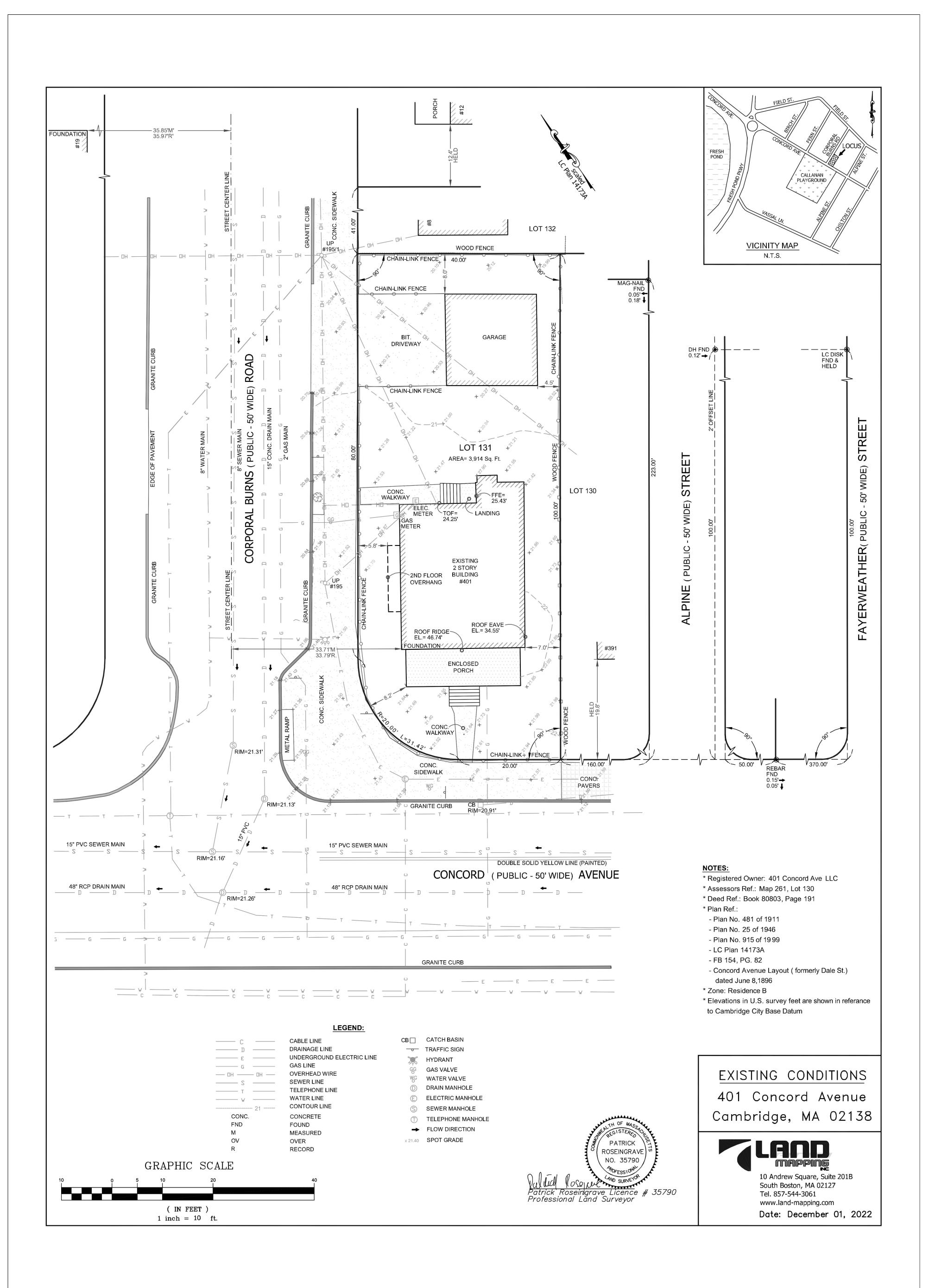
Pled

Dear Members of the Board,

I would respectfully like to request a continuance for our case to the Hearing scheduled for February 23, 2023 so that I may revisit some of the concerns expressed by members of the neighborhood group with whom I have been working on this project.

Sincerely,

Andrew Plumb



220

401 Concord Avenue Cambridge, MA 02138

Design Builder

Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED EXTERIOR ELEVATIONS DATE

Z2.1

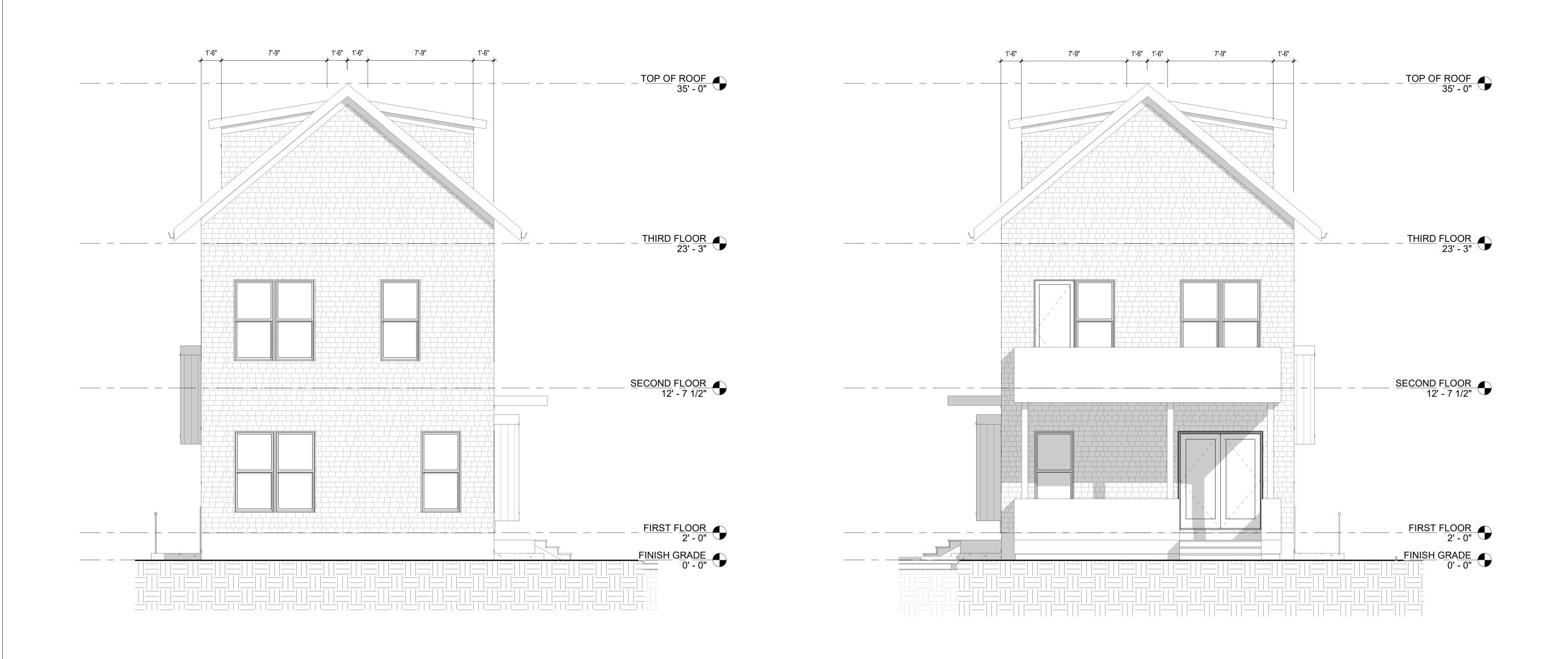
NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED EXTERIOR ELEVATIONS DATE

Z2.2

© 2023 Aamodt / Plumb



1) SOUTH ELEVATION 1/4" = 1'-0"

2 NORTH ELEVATION 1/4" = 1'-0"

2

401 Concord Avenue Cambridge, MA 02138

Design Builder

Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

PROPOSED EXTERIOR ELEVATIONS DATE

Z2.3

401 Concord Ave 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

CONTEXT **ELEVATIONS** DATE

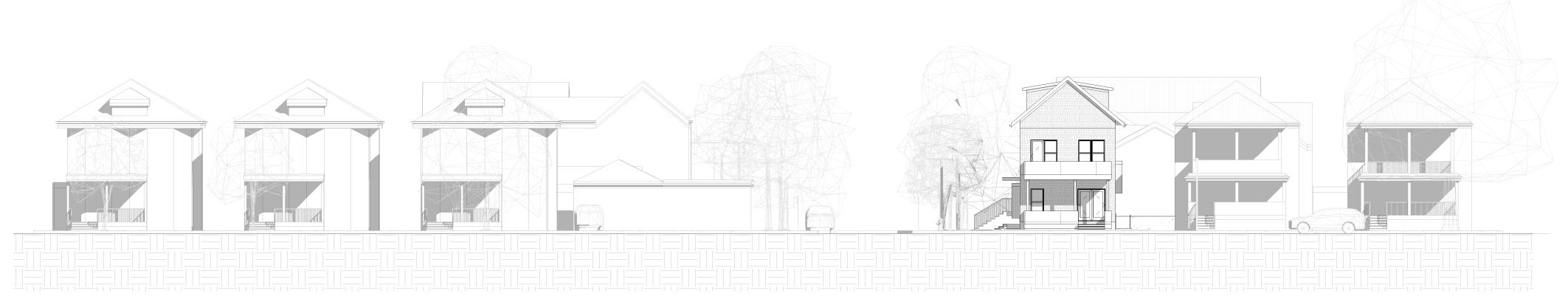
Z2.4

© 2023 Aamodt / Plumb

CORPORAL BURNS ROAD - WEST

ELEVATION

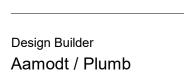
1/16" = 1'-0"



CONCORD AVENUE - SOUTH
2 ELEVATION
1/16" = 1'-0"

NOT FOR

CONSTRUCTION





EXISTING HOUSE SOUTH ELEVATION



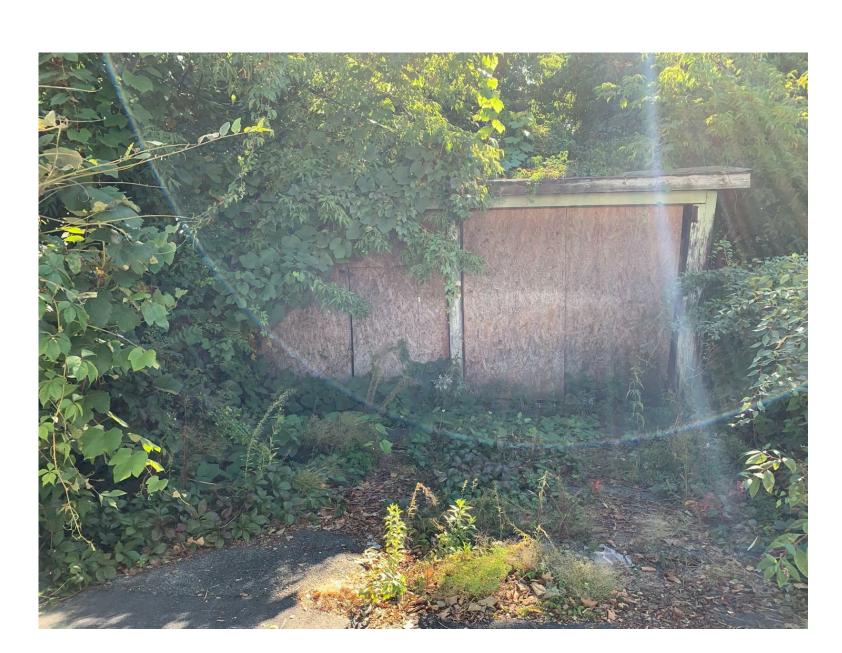
EXISTING HOUSE NORTH ELEVATION



EXISTING HOUSE & GARAGE WEST ELEVATION



EXISTING GARAGE SOUTH ELEVATION



EXISTING GARAGE WEST ELEVATION



EXISTING HOUSE SOUTH ELEVATION

NO. ISSUED FOR

EXISTING CONDITIONS PHOTOS

Z0.6

2201
401 Concord Ave
401 Concord Avenue Cambridge, MA 02138

186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

Design Builder

Aamodt / Plumb

TWO FAMILY DEVELOPMENT

401 CONCORD AVENUE, CAMBRIDGE, MA, 02138

BOARD OF ZONING APPEAL DRAWING SET JANUARY 11, 2023

DRAWING LIST

```
BZA TITLE SHEET
Z0.1
                ASSESSOR'S GIS BLOCK MAP
                EXISTING CONDITIONS PLAN
Z0.3
                ZONING ANALYSIS
                EXISTING OPEN SPACE
                PROPOSED OPEN SPACE & SITE PLAN
                EXISTING CONDITIONS PHOTOS
Z1.1
                PROPOSED LOWER LEVEL PLAN
Z1.2
                PROPOSED FIRST FLOOR PLAN
                PROPOSED SECOND FLOOR PLAN
Z1.4
                PROPOSED THIRD FLOOR PLAN
Z1.5
                PROPOSED ROOF PLAN
Z2.1
                PROPOSED EXTERIOR ELEVATIONS
Z2.2
                PROPOSED EXTERIOR ELEVATIONS
Z2.3
                PROPOSED EXTERIOR ELEVATIONS
                CONTEXT ELEVATIONS
Z2.5
                SUN STUDY
```

NOT FOR CONSTRUCTION

NO. ISSUED FOR

BZA TITLE SHEET

Z0.0

220

401 Concord Avenue Cambridge, MA 02138

Design Builder

Aamodt / Plumb

186 Alewife Brook Pkwy #1209
Cambridge, MA 02138
Tel: 617.876.9300

NOT FOR CONSTRUCTION

NO. ISSUED FOR

ASSESSOR'S GIS BLOCK MAP

DATE

Z0.1

2201
401 Concord Ave
404.0

401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

NOT FOR CONSTRUCTION

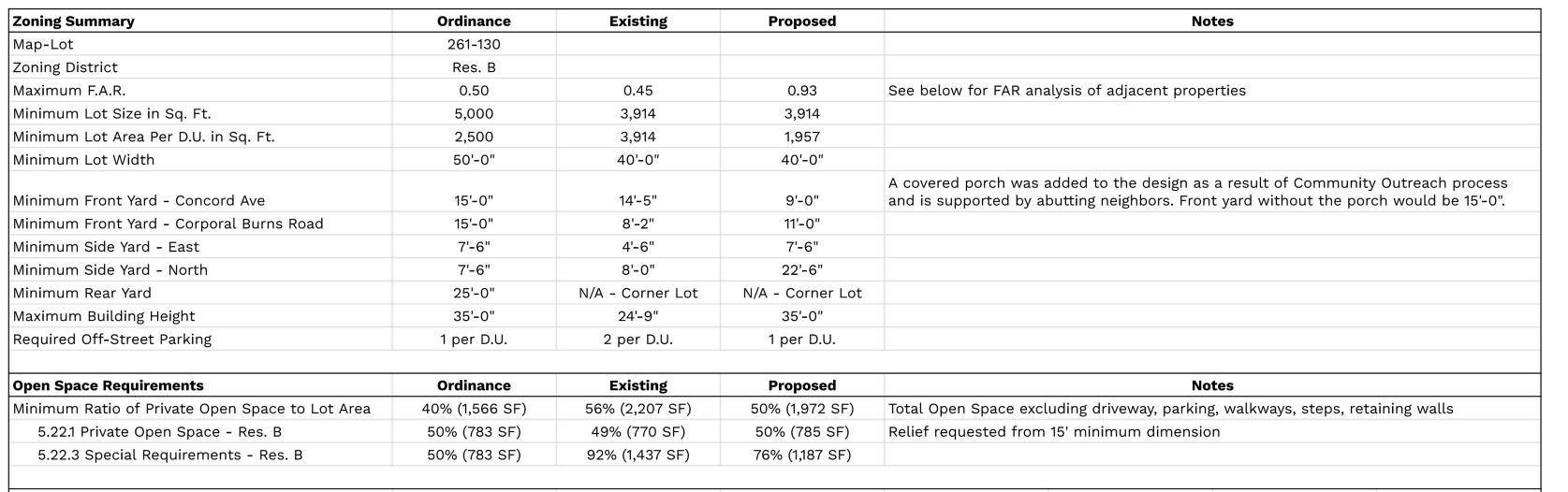
- ALL DATA PROVIDED BY CITY OF CAMBRIDGE ASSESSING DEPARTMENT & CITY OF CAMBRIDGE PROPERTY DATABASE. EXISTING

ATTIC SPACE IS EXCLUDED FROM THIS CALCULATION.

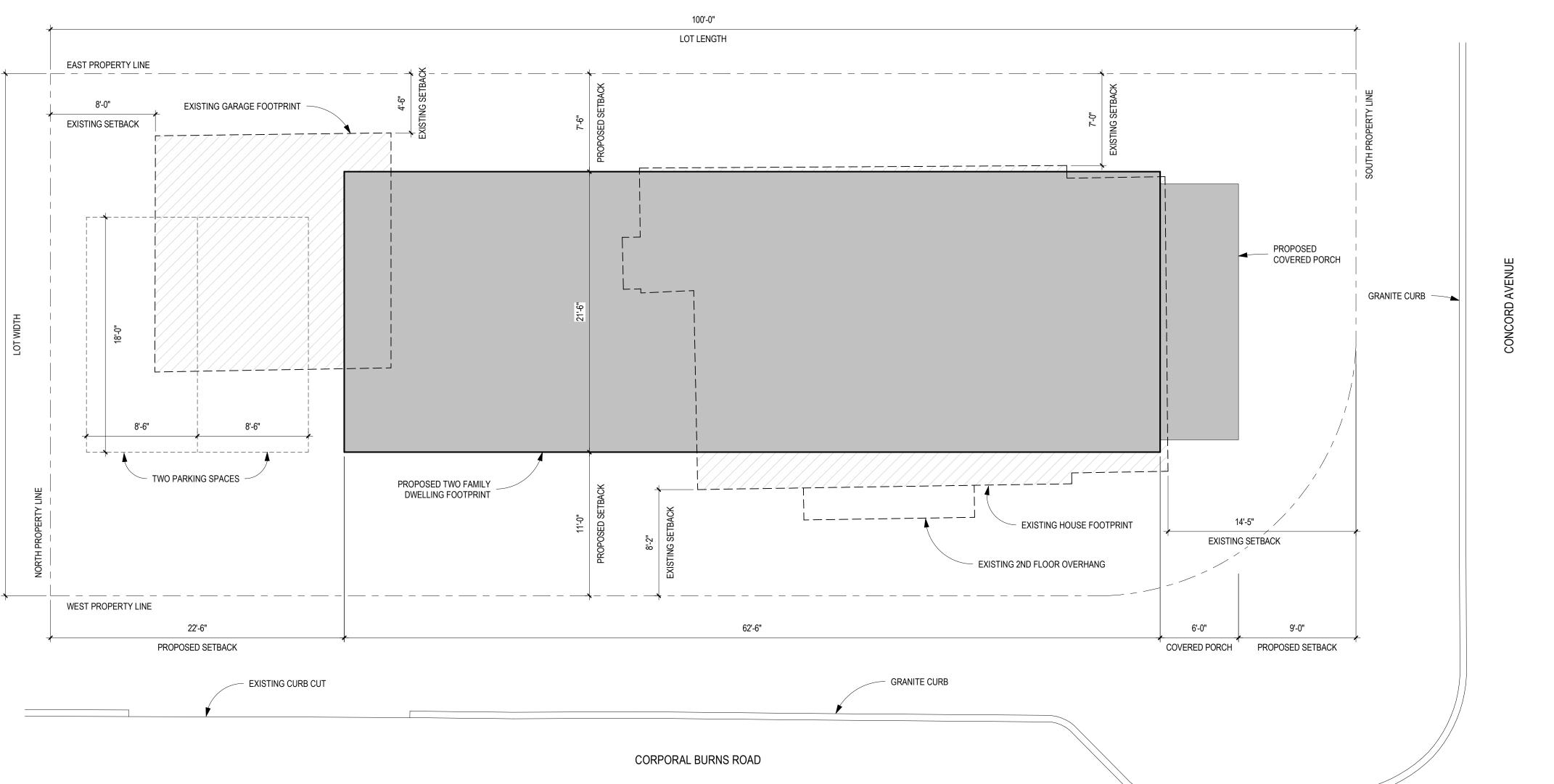
DATA BASED ON CURRENT EXISTING CONDITIONS SURVEY.

NO. ISSUED FOR

ZONING **ANALYSIS** DATE



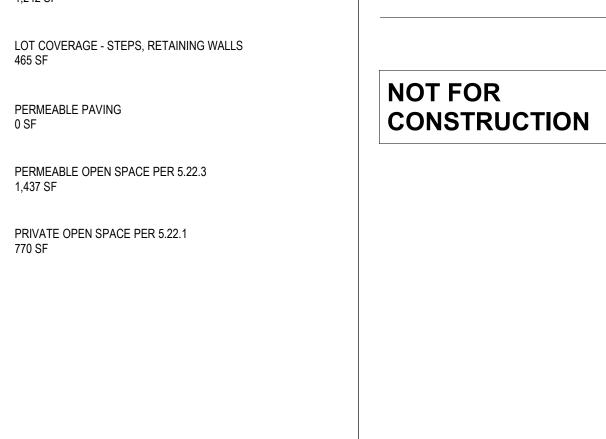
Existing Concord Ave Properties FAR Comparison		Living Area	Covered Porch	Garage	Gross Floor Area	Lot Area	FAR
391 Concord Ave	Unit 1 & 2	2,178	370		2,548	4,000	0.64
395 Concord Ave	Unit 1	2,142	370		2,512	4,000	0.63
401 Concord Ave	Single Family	1,254	176	326	1,756	3,913	0.45
413 Concord Ave	Unit 1 & 2	2,526	186		2,712	4,000	0.68
415 Concord Ave	Unit 1 & 2	2,545	380		2,925	4,000	0.73
419 Concord Ave	Unit 1 & 2	2,593	355		2,948	4,000	0.74
423 Concord Ave	Unit 1 & 2	2,526	215		2,741	3,913	0.70



20NING DIAGRAM - BZA 3/16" = 1'-0"

401 Concord Avenue Cambridge, MA 02138

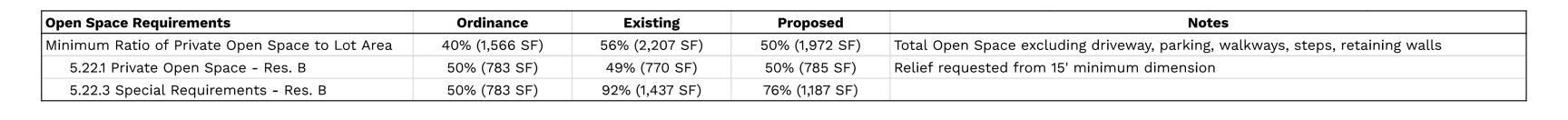
Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

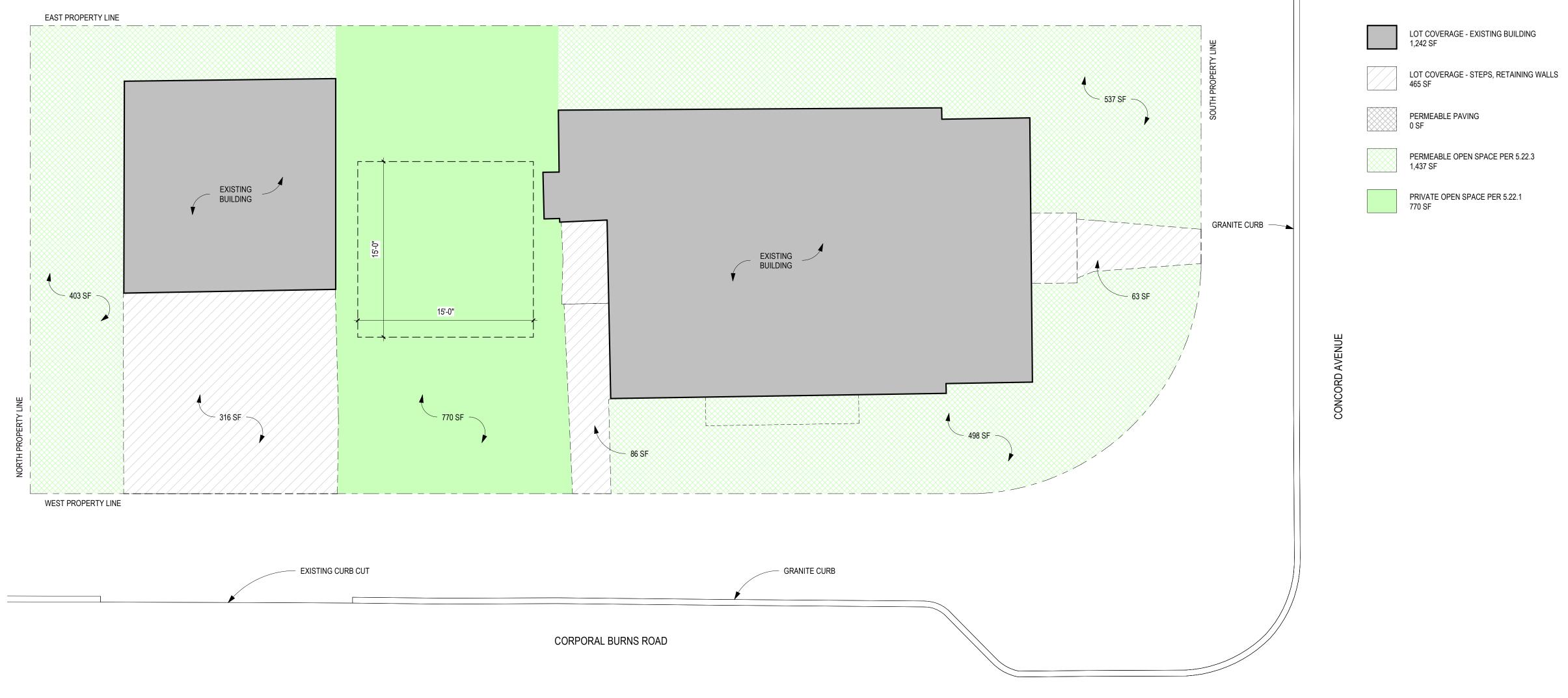


NO. ISSUED FOR

EXISTING OPEN SPACE

© 2023 Aamodt / Plumb



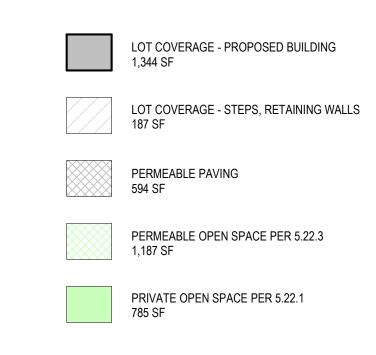


1 EXISTING OPEN SPACE DIAGRAM 3/16" = 1'-0"

401	Concord Ave					
401 Concord Avenue Cambridge, MA 02138						

NOT FOR

CONSTRUCTION



FENCE EAST PROPERTY LINE BASEMENT STEPS WINDOW WELL 20 SF 20 SF STEPS 1 PARKING SPACE 1 PARKING SPACE FENCE -FENCE GRANITE CURB -PROPOSED BUILDING 118 SF, 1ST FLOOR PORCH PRIVATE OPEN SPACE _ 118 SF, 2ND FLOOR PORCH PRIVATE OPEN SPACE 64 SF, 2ND FLOOR BALCONY PRIVATE OPEN SPACE 8'-6" 8'-6" 75.SF 20 SF 20 SF EDGE OF ROOF ABOVE FRONT STEPS WINDOW WELL - 1,107 SF, PERMEABLE OPEN SPACE WEST PROPERTY LINE FENCE -FENCE -485 SF, PRIVATE OPEN SPACE CONCRETE - EXISTING CURB CUT GRANITE CURB CORPORAL BURNS ROAD

Notes

Total Open Space excluding driveway, parking, walkways, steps, retaining walls

Relief requested from 15' minimum dimension

Existing

56% (2,207 SF)

49% (770 SF)

92% (1,437 SF)

Proposed

50% (1,972 SF)

50% (785 SF)

76% (1,187 SF)

Ordinance

40% (1,566 SF)

50% (783 SF)

50% (783 SF)

Open Space Requirements

Minimum Ratio of Private Open Space to Lot Area

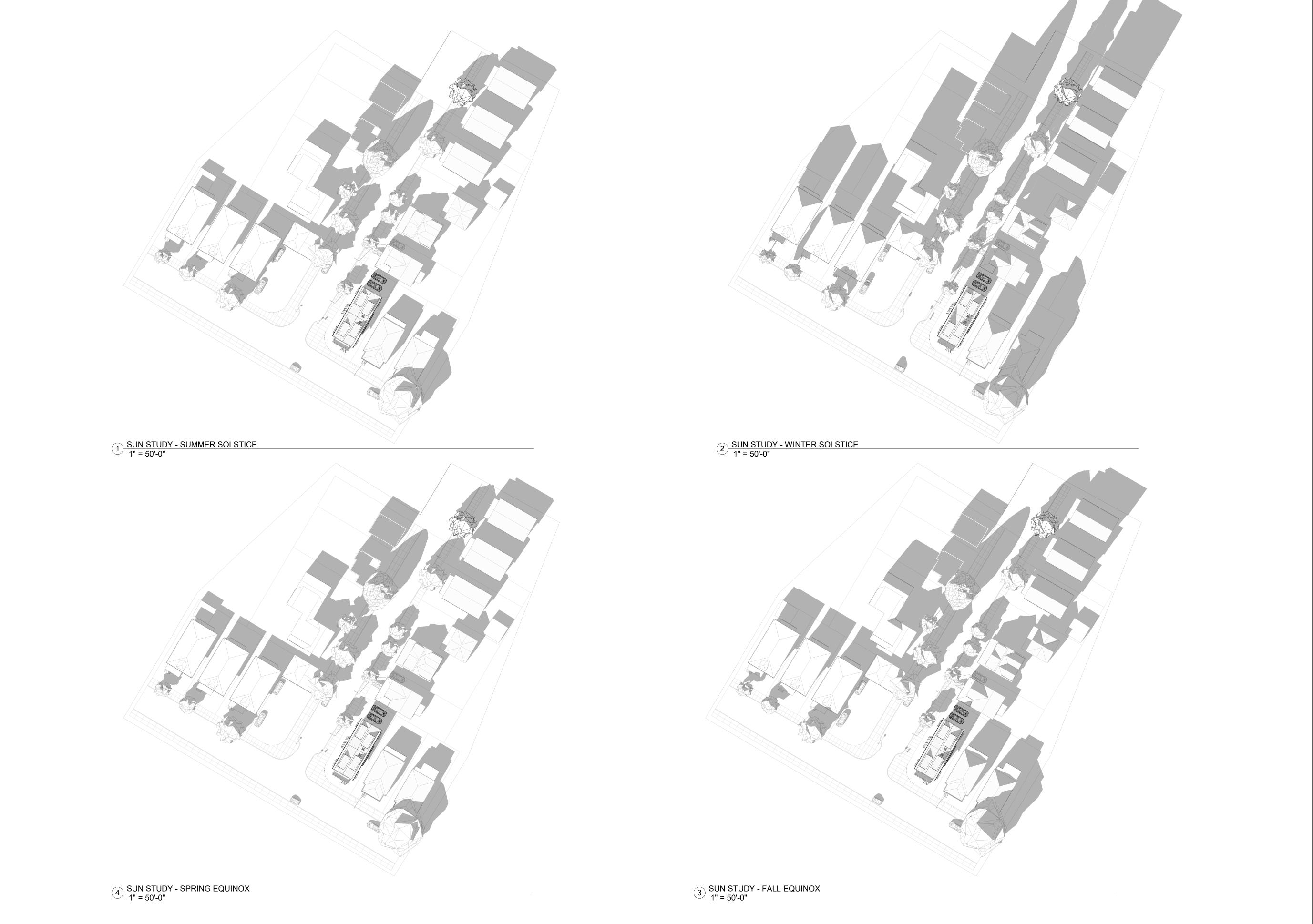
PROPOSED OPEN SPACE DIAGRAM
3/16" = 1'-0"

5.22.1 Private Open Space - Res. B

5.22.3 Special Requirements - Res. B

NO. ISSUED FOR

PROPOSED OPEN SPACE & SITE PLAN



401 Concord Ave 401 Concord Avenue Cambridge, MA 02138

Design Builder Aamodt / Plumb 186 Alewife Brook Pkwy #1209 Cambridge, MA 02138 Tel: 617.876.9300

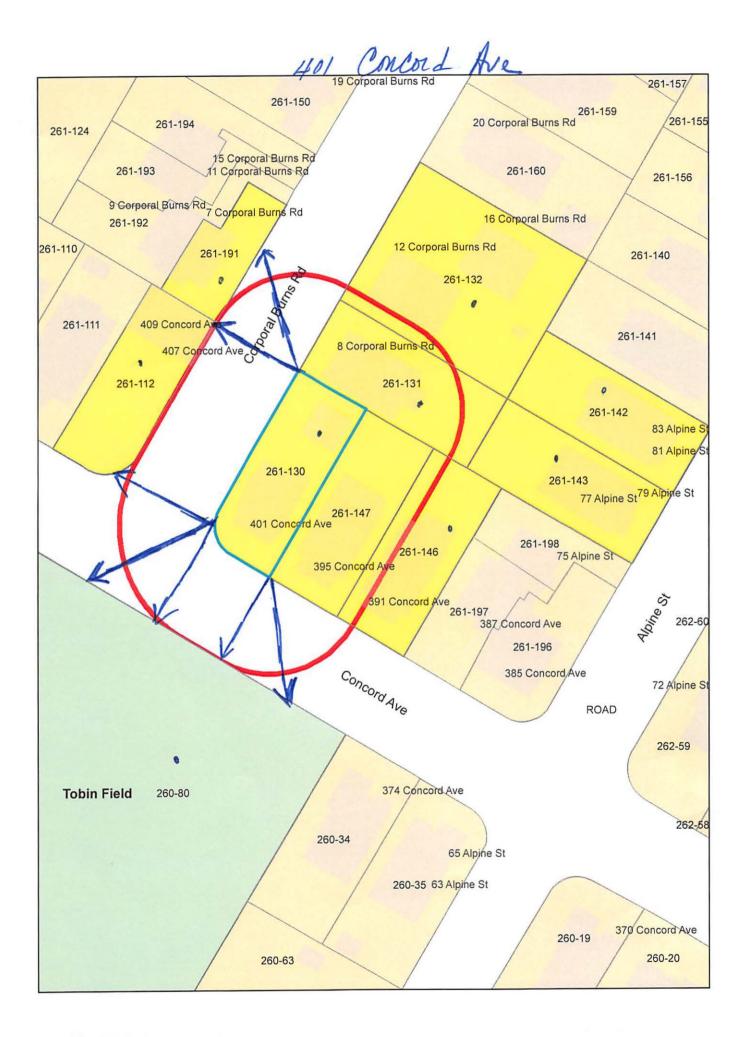
NOT FOR CONSTRUCTION

NO. ISSUED FOR

SUN STUDY

DATE

Z2.5



401 Concord Are

261-132 GIANNINI, TYLER R. & URAIWAN THILATHAM 16 CORPORAL BURNS RD CAMBRIDGE, MA 02138 261-143 BINGHAM, HAZEL E. 79 ALPINE ST. CAMBRIDGE, MA 02138-1224 ANDREW PLUMB 186 ALEWIFE BROOK PKWY #1209 CAMBRIDGE, MA 02138

261-112 CLARK, EMORY J. XANNABEL G CLARK 413 CONCORD AVE CAMBRIDGE, MA 02138-1215 261-142 ALITA PURCELL GREENE 81 ALPINE ST CAMBRIDGE, MA 02138-1224 261-146 GOODMAN, PATRICIA 391 CONCORD AVE. UNIT#2 CAMBRIDGE, MA 02138

261-147 MOORE, NICOLA 397 CONCORD AVE CAMBRIDGE, MA 02138 261-191 LAROCHE, GINA M. ALAN C. PRICE 7 CORPORAL BURNS RD CAMBRIDGE, MA 02138

261-146 CHILINSKI, DAVID 391 CONCORD AVE UNIT #1 CAMBRIDGE, MA 02138

261-132 WEISSER, OLIVIA A. CHRISTOPHER T. WILLARD 12 CORPORAL BURNS RD CAMBRIDGE, MA 02138 261-131
BACHER JUDITH A
TRS THE JUDITH A BACHER REVOCABLE TR
8 CORPORAL BURNS RD
CAMBRIDGE, MA 02138

261-130 401 CONCORD AVE LLC, 91 HARVEY ST CAMBRIDGE, MA 02140

260-80
CAMBRIDGE CITY OF SCHOOL DEPT –
TOBIN SCHOOL
159 THORNDIKE ST
CAMBRIDGE, MA 02141

260-80 CITY OF CAMBRIDGE C/O NANCY GLOWA CITY SOLICITOR 260-80 CITY OF CAMBRIDGE C/O YI-AN HUANG CITY MANAGER

Cambridge Zoning Board:

We are David Doolittle and Judith Bacher who live at 8 Corporal Burns Road, Cambridge, MA and are abutters to the property at 401 Concord Ave.

First, we would like to say that Andrew and Meta have been extremely forthcoming with plans for their design. They have scheduled, and held, meetings and discussions, not just with the abutters, but for the whole neighborhood as well. This has been wonderful and we have all really appreciated their availability.

Second, we would like to stress that we felt that they really listened to our input and our issues and made adjustments to their design so that our concerns were addressed.

Therefore, we would like to state that we have no issues with their current proposed design for the property at 401 Concord Ave.

Judith Bacher & David Doolittle

Juditla Backer

Cambridge Zoning Board:

We are David Doolittle and Judith Bacher who live at 8 Corporal Burns Road, Cambridge, MA and are abutters to the property at 401 Concord Ave.

First, we would like to say that Andrew and Meta have been extremely forthcoming with plans for their design. They have scheduled, and held, meetings and discussions, not just with the abutters, but for the whole neighborhood as well. This has been wonderful and we have all really appreciated their availability.

Second, we would like to stress that we felt that they really listened to our input and our issues and made adjustments to their design so that our concerns were addressed.

Therefore, we would like to state that we have no issues with their current proposed design for the property at 401 Concord Ave.

Judith Bacher & David Doolittle

Juditla Backer

1/26/2023

Dear Mr. Plumb:

I write in support of the project you are proposing for the property at 401 Concord Avenue in Cambridge.

I own and live in the house next door, at 395/397 Concord Avenue.

I appreciate the fact that you have held several meetings with nearby residents and adapted your plans in light of concerns voiced by the abutters and others who live close to the property.

The proposed plan and its design will be a good addition to the neighborhood.

Good luck with the project.

Regards,

Nicola Moore