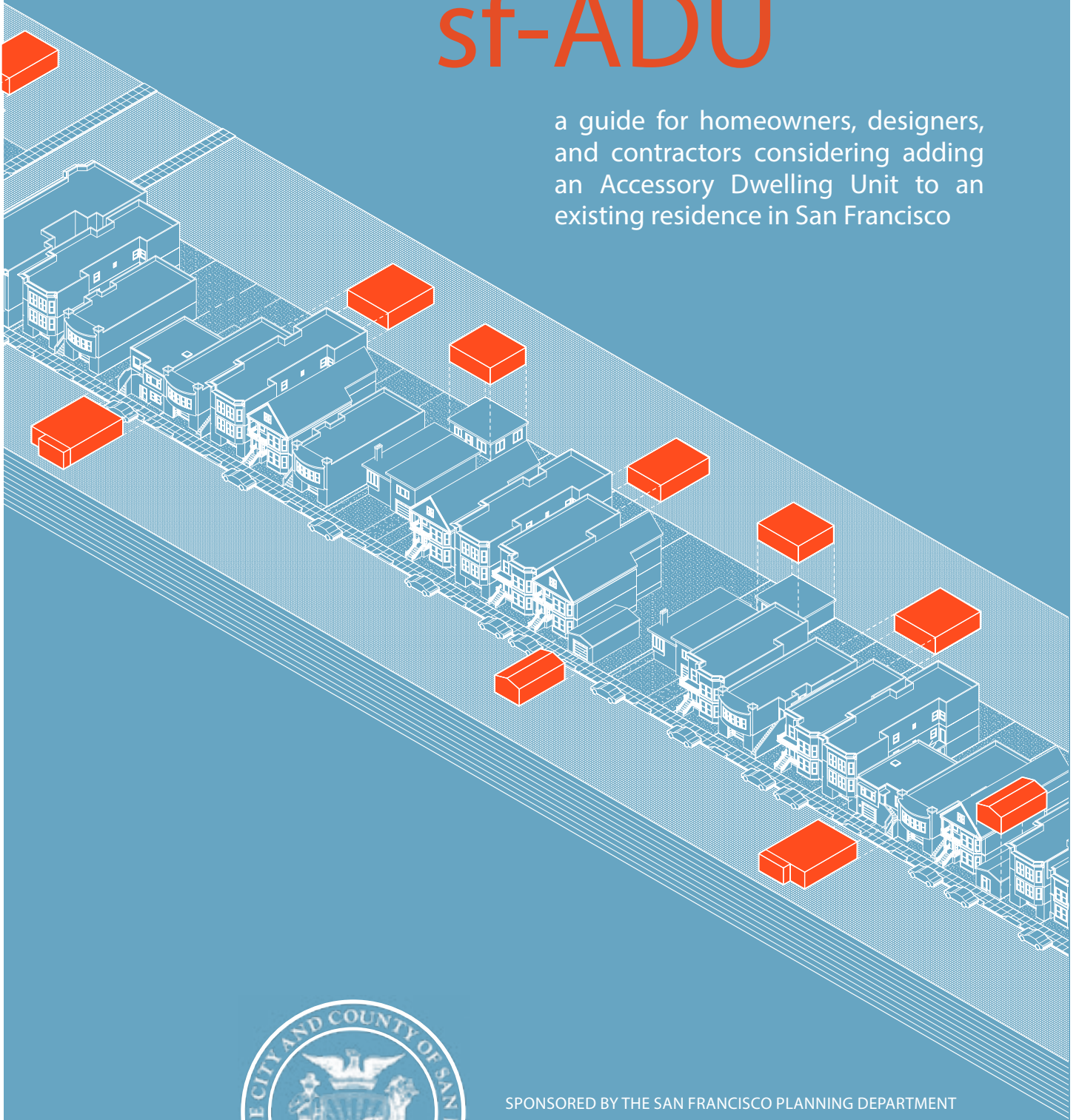


sf-ADU

a guide for homeowners, designers,
and contractors considering adding
an Accessory Dwelling Unit to an
existing residence in San Francisco



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DECEMBER, 2018

PREPARED BY OPENSOCPE STUDIO, ARCHITECTS

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INTRODUCTION

Accessory Dwelling Units in San Francisco

An Accessory Dwelling Unit (ADU) is a residential unit added to an existing building. ADUs are subordinate to the primary residential unit(s), generally due to their location on the lot and/or the size of the unit. Also known as Secondary Units, In-Law Units, or Granny Flats, ADUs are generally developed using underutilized spaces within a lot, whether a garage, storage, rear yard, or an attic. ADUs are independent units that have their own kitchens, bathrooms and living areas. These units can be developed either within the existing building, with an extension to the existing building, or as a separate structure. ADUs are more likely to utilize side entrances, exhibit lower ceiling heights, experience lower light exposure, and so forth.

The City of San Francisco is facing growing housing demands and an increasing need to encourage and facilitate more housing options for residents. One promising strategy is building new homes in existing residential buildings. These added units are commonly known as Accessory Dwelling Units (ADUs) and are also sometimes known as secondary units, in-law apartments or granny flats.

Much of the city's existing housing stock has the capacity to legally include an additional housing unit, sometimes within the existing building envelope. The added unit can help subsidize homeowner's mortgage by creating rental apartment, or can enable multi-generational households; an older homeowner could move to the ADU while his or her children live in the main home. Additionally,

concerns about the seismic sustainability of soft-story structures can be mitigated through the addition of a dwelling unit.

This handbook serves as a guide for homeowners or contractors when adding a unit to an existing residential building. It helps define the various physical forms for ADUs; multiple City Codes which regulate adding ADUs; and when such investment is financially feasible or beneficial to small property owners.

The "Context and Codes" section reviews the main constraints on creating new ADUs, including the various Building Code and Planning regulations. The "ADU Prototypes" section outlines typical scenarios for creating an ADU based on a set of common residential buildings found in San Francisco. The "Financial Analysis" section summarizes the costs and benefits of building an ADU to help homeowners understand whether adding an ADU to their property makes financial sense. The "Resources" section contains additional background information to help understand the issues at play, including definitions and code references.

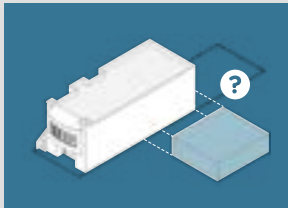
This handbook is a helpful first step to understanding how an existing property might be adapted to accommodate a new unit. However, please note that it is not a replacement for hiring a professional to help plan your project.

PROCESS DIAGRAM

Can I add a unit in my building?

What could my unit look like? Read the ADU handbook and find a prototype that most closely matches your property:

How much could the new unit cost?



See if your property is zoned for an additional unit using the map on page 15.

not sure?



Look up your property on the online **Property Information Map**.

Here you will learn your property's zoning control. If the density permits, you can add one or more units.

[HTTP://PROPERTYMAP.SFPLANNING.ORG](http://PROPERTYMAP.SFPLANNING.ORG)

still not sure?



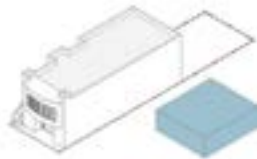
Contact or visit the **ADU Planning Counter**.

ADU PLANNING COUNTER
1660 MISSION STREET
COUNTER 38
FIFTH FLOOR
SAN FRANCISCO, CA 94103

Phone: (415) 865 - 5738

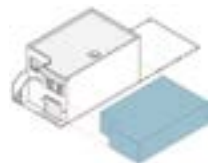
Email: CPC.ADU@sfgov.org

I HAVE A SINGLE-FAMILY HOME



I want to keep my garage and potentially expand my building.

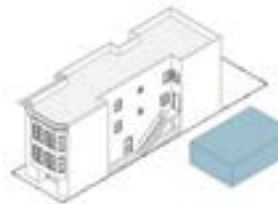
PROTOTYPE **A** see page 35



I want to replace my garage with a new unit.

PROTOTYPE **D** see page 57

I HAVE A DUPLEX



I want to replace my garage with a new unit.

PROTOTYPE **B** see page 43

I want to keep my garage and potentially expand my building.

PROTOTYPE **D** see page 57

I HAVE A MULTI-UNIT APARTMENT



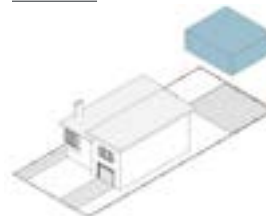
PROTOTYPE **C** see page 51

I HAVE A FREE-STANDING GARAGE ON MY PROPERTY



PROTOTYPE **E** see page 63

MY NEIGHBORS HAVE COTTAGES IN THE REAR YARD OR MY LOT FRONTS TWO STREETS



PROTOTYPE **F** see page 71



See Section 4 - Financial Analysis for issues relevant to your property.

see page 77



Download the calculator spreadsheet and plug in your numbers to estimate costs and potential revenue from your new unit.

download at:

WWW.SF-PLANNING.ORG/ADU

IMPORTANT

Read about the regulations in Section 2 related to your prototype associated with your property.

Each prototype in Section 3 calls out the relevant Code requirements.

Looks like adding a unit to my building is feasible. Where do I begin?

This process usually includes an architect, City agencies and a contractor. The color-coded circles in the diagram below indicates key party responsible for each stage.



● Architect/Designer



● City Agencies



● Contractor

1 Interview & select a design professional

Design & Permitting

2 Pre-Application Meeting with DBI

3 Preliminary Project Design

4 Complete Construction Drawings

5 Submit Building Permit and Pay Fees

9 Bids From Contractors

8 Building Permit Issued

7 Revise Drawings per City Agency Review

6 City Agency Review

10 Select Contractor

Note: Contract bidding and selection can start after Step 4.

! Potential neighborhood meetings & notification

Construction

11 Begin Construction



12 Construction Administration



13 Construction Inspections



Passed Inspections.

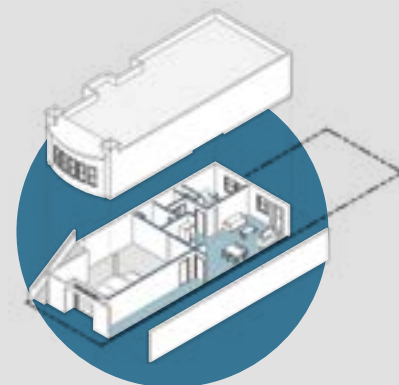
14 Certificate of Occupancy



15 Signoff to Approve Final Payment to Contractor

16 Handover to Owner

Done! Your new unit is ready.



ADUs AS A HOUSING POLICY

Accessory Dwelling Units in San Francisco

Adding apartments to existing, older housing stock is a small-scale residential infill strategy which complements the current housing development trends in San Francisco. Most of the current development occurs on lots that are significantly underdeveloped or vacant, through demolishing the existing use and constructing a new residential (or mixed use) building. The majority of the city's residentially-zoned land is already built with a single family houses or a multi-unit apartment buildings. These properties would not typically undergo major development in the near or long-term future. However, many can potentially include one or more apartments for rental or ownership. Such small-scale residential infill would create additional homes for existing and future San Franciscans spread throughout the city.

ADUs can play a unique and important role in a neighborhood's housing supply. They can have lower construction costs because they use the existing infrastructure (walls, floors, roofs) of the primary structure, and require less material due to their generally smaller size. ADUs could benefit homeowners and renters, and provide flexibility for families:

- With a modest investment, many property owners can add an ADU. Rental revenue from leasing the ADU can help offset mortgage costs. In some cases, the addition of a unit can be completed in concert with seismic retrofit work, with potential rental revenue offsetting those costs as well.
- Renters can also benefit from ADUs. Generally smaller, subordinate units rent at lower prices than standard units in new or existing residential buildings. ADUs also allow new units in areas of the city where the rents are generally cheaper. This means ADUs can serve as a housing option that is more affordable than new residential buildings, without requiring public funds or subsidies.
- ADUs can enable families to support each other across generations while maintaining independent households, or allow people to age in place. Among the many possible scenarios, adult children of the homeowner could move to the ADU when they need support while starting their schooling or careers. In other cases families might like to provide space and care for elder relatives in their home, and could add an accessible ground floor unit for those elder members of the family. Seniors wishing to age in place may elect to vacate the primary unit but remain in their home by moving into the ADU.

ADUs are not a new housing type; in fact there are many ADUs in the city's existing housing supply. In some neighborhoods, the original houses from the 1800's were built far back from the street, and new larger buildings were built in front turning the original dwelling into a backyard 'accessory' dwelling. In many other places a garage or ground floor storage room was long ago turned into a separate apartment. Some of these units were established before the City closely regulated such activities. Others were established with Planning and Building Department review, and some were built without the proper permits and approvals.

San Francisco Housing Policy and ADUs

In relation to ADUs, generally the Planning Code is concerned with whether additional units are permitted per the density limits; and the Building Department is concerned with the life safety issues of a unit. Most of the policy work around the inclusion of ADUs, happens through changes to the Planning Code. This section briefly summarizes key San Francisco programs and policies.

Since the early 1980's, the State of California has encouraged municipalities to allow ADUs to help meet local housing needs. State legislation around secondary units has been amended frequently over the years, but continues to compel municipalities to allow secondary units.

San Francisco currently allows ADUs in all residential zoning, and many properties are not built to their maximum allowable residential density. For example, a parcel zoned to allow 3 units may only contain one or two units. It should be noted that in San Francisco, the ADU program does not place a maximum size limit on the accessory unit(s), unlike State Law or other cities.

Many of the newer zoning districts that have replaced the 30 - 40 year old zoning controls do not limit residential density based on the number of units

"Second-units (i.e., in-law apartments, granny flats, or accessory apartments) provide an important source of affordable housing. By promoting the development of second-units, a community may ease a rental housing deficit, maximize limited land resources and existing infrastructure and assist low and moderate-income homeowners with supplemental income." - Federal Department of Housing and Community Development.

allowed per lot. Instead, these zoning districts regulate by building height, bulk, rear yard and open space requirements. Often these districts also require a mix of unit sizes. Parcels in these “form-based” zoning districts are able to add more units, including ADUs, to the site.

Some zoning districts were explicitly intended to allow property owners to go above their maximum density limit by adding an accessory dwelling unit(s). This type of ADU regulation is common in many California jurisdictions, and consistent with State policies. The RH-1(S) zoning designation was established in San Francisco 1978, but has so far only been applied to a very small number parcels - there are currently less than 70 parcels of RH-1(S) in the city. Secondary units in RH-1(S) are limited to a net area of 600 square feet.

However, since 2014, as one of the many responses to growing housing affordability issues, San Francisco has expanded the additional unit density exemption citywide and increased opportunities for owners to add ADUs to their property. The citywide Local Program includes waivers, or exceptions, to the Planning Code. In addition to the density exemption, the ADU program includes five other waivers to the Planning Code: open space, parking, rear yard, some dimensional requirements of bicycle parking, and exposure (which is a unit’s access to natural light). An addition is permitted to incorporate the ADU(s), as long as the addition does not increase the building’s height. The ADU can be created from underutilized spaces, and up to 25% of habitable space at the ground and basement levels. In addition, at corner lots, a single story garage can add a one story addition for the ADU. These new ADU(s) will be subject to rent control, if existing units are already subject to rent control and waivers are granted.

Many existing single family homes will be eligible to add one ADU and no required parking for the ADU, without requiring any of the administrative exceptions, as long as other provisions of the Planning Code are met. For these projects, the ADU can be created from any part of the existing home. An addition can be made to the home for the ADU that expands to the rear, adds another level, or is in a new cottage, as long as it is within the buildable area. These new ADUs will not be subject to rent control.

LEARN MORE

The Local Program, or Waiver program, for ADUs is outlined in Section 207(c)(4) of the Planning Code. In addition, a Waiver FAQ handout highlighting the key program points is available on Planning’s “About ADUs” webpage: sf-planning.org/about-accessory-dwelling-units

LEARN MORE

The State Program, or No Waiver program, for ADUs is outlined in Section 207(c)(6) of the Planning Code. In addition, a No Waiver FAQ handout highlighting the key program points for single family homeowners is available on Planning’s “About ADUs” webpage: sf-planning.org/about-accessory-dwelling-units

Legalization of Existing Unauthorized Units

In addition to the new ADUs the City created a program that allows property owners to legalize existing ADUs that either do not have a permit history, or were built without appropriate permits. These ADUs - commonly referred to as “illegal units” - provide a valuable source of housing for San Francisco’s existing residents. Previously, if the Building Department received reports of illegal units, they were legally obligated to issue a Notice of Violation and require the property owner to demolish the unit.

The legalization program allows property owners to secure permits for existing ADUs and offers a fee waiver for eligible properties, provided they meet the City’s building and fire code standards. The program also allows property owners to clear their property record as it relates to the illegal unit and ensure that tenants can stay in a safe and secure unit. For the purposes of the legislation, an “existing unit” is any unit constructed prior to January 1, 2013.

For more information regarding this program visit:

DBI’s Website: <http://sfdbi.org/legalize-your-illegal-units-today>

Planning Department’s FAQ: http://default.sfplanning.org/plans-and-programs/planning-for-the-city/accessory-dwelling-units/Legalization_FactSheet-091017.pdf

ADUs and the 21st Century

As San Francisco’s population continues to grow, the City is committed to exploring creative solutions to meet residents’ housing needs. Affordability and flexibility remain key themes in housing policy discussions. ADUs can provide flexibility for families over generations, offset the costs of homeownership, and/or provide a more affordable housing option for some households.

A healthy housing stock has a variety of housing types – to better serve a diversity of needs. They are generally considered to be a small but significant portion of the housing supply. As the City continues to explore solutions to address growing housing needs, we will continue to review how ADUs can play a role in our existing housing supply.

CONTEXT AND CODES

San Francisco is a diverse and complex city, planning for any type of construction can be challenging. Every project must navigate a network of legal constraints - including compliance with life-safety concerns of the Building Code, land-use and density controls of the Planning Code, and preservation of the architectural qualities that lend distinct character to the City's neighborhoods. This section outlines portions of the Building and Planning Codes that most commonly pertain to adding dwelling units to existing buildings.

San Francisco Housing Types and ADUs

This handbook is primarily concerned with the creation of new units on lots that already have at least one existing dwelling unit - a single-family house, a duplex, a small apartment building, etc. It focuses on the types of housing that are most prevalent and most conducive to the addition of an additional unit.

The open ground floor (a floor with few structural dividing walls or existing uses other than storage or garage space) that is common in many houses and the lack of side yards presents a unique context for the development of ADUs in San Francisco. Most cities in the country have been planned with much more suburban residential neighborhoods - wider and deeper lots, mandatory side yards, relatively large rear yards, separate garages, etc. Those communities often focus their ADU efforts on building new, free-standing rear yard cottages.

In San Francisco, however, much of our housing stock offers surplus space at ground level under the primary residence - often used for storage or extra parking; or filled in with additional rooms, or even a separate - usually non-permitted - unit. Nearly all of the homes built in San Francisco in the first half of the twentieth century - the majority of the city's current housing stock - were built with this layout. The narrow lots and varying topog-

raphy made it an efficient and cost-effective configuration. While the individual plans and exterior styling found a variety of expressions, it was a model that was replicated street after street, decade after decade across much of the city.

Buildings constructed before the 1920's typically did not have dedicated garages. Many were raised to add a full-height garage at some point in the last century, or had a free-standing garage added to the front or side of the main house.

Whether under the primary living space, or set in a free-standing garage, these surplus ground floor spaces provide the most common opportunities for creating additional units in existing homes in the city.



The barrel front single family home with a ground floor garage, most common in the western neighborhoods but found throughout San Francisco, is typical of much of the City's housing. This example has an exterior stair to the side leading to the front door, a vehicle door on the sidewalk, and a separate tradesman's door into the garage.

ZONING

THE PLANNING DEPARTMENT AND THE ZONING CODE

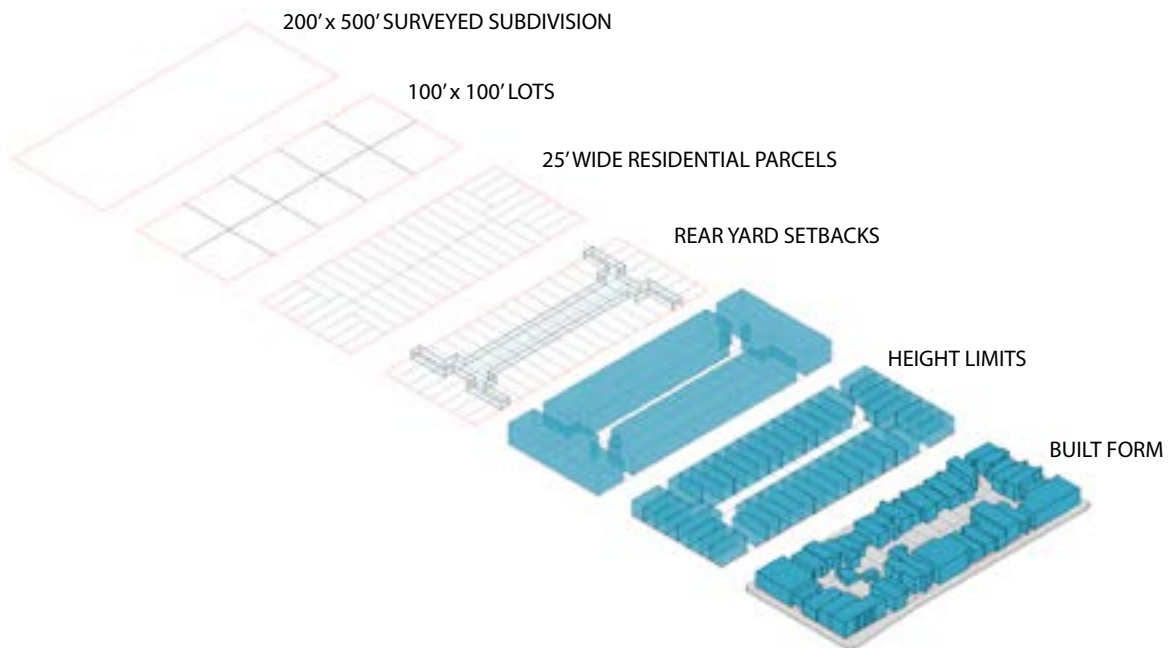
This section reviews zoning considerations related to ADUs. Density constraints are by far the most significant Planning Code consideration around the feasibility of ADUs. However, there are other considerations and requirements to take into account. These issues are discussed later in the handbook for each prototype design in the following section.

Zoning Overview

The first step to understanding whether you can build an ADU is to understand the zoning of the property in question. Zoning regulations govern how land can be used in various geographic areas of San Francisco called “zoning districts” (also known as “zoning” or “zones”).

Zoning regulations might:

- govern sizes and shapes of buildings
- limit the number of units or apartments that can exist on a property
- require the accommodation of car parking off of the street
- set controls on planting street trees under certain circumstances



RESIDENTIAL BUILDING PATTERNS

Many of San Francisco's typical residential blocks derive from the original surveyed block - perhaps 200' x 500' or 200' x 600' depending on when the neighborhood was surveyed - being divided into 100' x 100' squares. Residential blocks were further subdivided into 25' wide parcels. Imposing rear yard setbacks and height limits results in the building patterns found throughout the City.

For each use of land (also known as “land uses” or “uses”) in any given zone, zoning regulations are specified in a legislative policy document called the “San Francisco Planning Code.” The Code indicates whether a use is: Permitted (P), Conditional (C), or Not Permitted (NP) in any given district. Knowing the zoning of your property will help you understand what’s allowed and what specific limits may apply to your residential or commercial project.

You can view San Francisco’s zones and use classifications on the official Zoning Map in Section 201 of the San Francisco Planning Code - both available on the Planning Department’s website. The Planning Department also maintains a parcel information database - searchable by address or parcel number - that provides a summary of the property’s zoning designation:

<http://propertymap.sfplanning.org>

Zoning regulations define height limits and setbacks (a setback is how far a building needs to be from a property line). They also specify how many dwelling units are allowed on a site in a residential district. For example, in RH-2 zoning (a Residential, House Character District) up to two units per lot are currently allowed. In other types of zoning, the number of units is determined by the area of the lot. In a Residential, Mixed (Houses & Apartments) District like RM-3, one unit per 400 square feet of lot area can be permitted.

Many parcels are currently underdeveloped relative to the existing zoning. For example, a homeowner of a single family home in an area zoned for two-family buildings (RH-2 zoning) would be able to add an additional apartment

within the existing zoning of the property, as long as other regulations pertaining to setbacks, height, parking, etc. are followed. There are scenarios when the code requirements cannot be met. In these districts with density controls, the Zoning Administrator has the discretion to grant administrative exceptions, or a waiver, to the Planning Code for density requirements, and/ or the other five components of the Planning Code per the Local ADU Program (waiver program).

Districts Without Density Controls

Many parts of the city have been rezoned in recent years. New zoning designations in some parts of the city do not have density controls. This means that as long as you follow the regulations regarding building size, shape, unit mix, and open space requirements, there is no limit on the number of dwellings that can be inside.




In the examples given in the previous section, the number of residences on a lot is limited either by a fixed number or a number of units per site area. In parts of the City without density controls, any number of units can be permitted as long as the other portions of the zoning are followed. In Transit-Oriented and Mixed Use districts, for example, the building’s allowable size is defined in the zoning regulation, and any number of units that fit within that envelope are allowed. These types of zoning are located in the City’s eastern neighborhoods, near Market Street and in Hayes Valley.

You can find your zoning using the San Francisco Property Information Map on the Planning Department’s website by entering

SAN FRANCISCO RESIDENTIAL ZONING

ZONING VARIES FROM PARCEL TO PARCEL ACROSS THE CITY. THE PLANNING DEPARTMENT WEBSITE HAS RESOURCES TO HELP DETERMINE THE ZONING OF ANY GIVEN PARCEL AND THE IMPLICATIONS OF THE ASSIGNED ZONING CATEGORY, NEIGHBORHOOD OVERLAY, SPECIAL USE DISTRICT, ETC.



-  RH-1 AND RH-1(D) ZONING: SINGLE-FAMILY RESIDENCES
-  RH-2 ZONING: UP TO TWO UNITS
-  DENSER RESIDENTIAL & MIXED-USE/NEIGHBORHOOD COMMERCIAL ZONING: THREE OR MORE UNITS

your street address or Assessor's Parcel Number. You can find more information about zoning on the "Permit How-To Guides" page on the Planning Department's website, or by calling, emailing or stopping in person at the Planning Information Center.

How Many ADUs Can I Add to my Property?

Building and other Code requirements must be addressed.

- If the existing lot contains four or less dwelling units, one ADU is permitted;
- If the existing lot contains five or more dwelling units, an unlimited number of ADUs is permitted;
- If a building on the lot is undergoing mandatory or voluntary seismic (AB-094), an unlimited number of ADUs is permitted;
- If utilizing the "No Waiver" program (Section 207(c)(6) of the Planning Code) one ADU is permitted.

Parking Requirements

While the Planning Code requires one parking space per residential unit in most neighborhoods, Section 150(c) states that additional parking is only required for renovations that increase the overall required parking count by two or more spaces. Adding a single ADU would most likely not require an additional parking space anywhere in the City. In the Bernal Heights Special Use District, the calculation of parking is based on the overall square footage of additions.

Sections 150(e) and 161 allow for the reduction of car parking spaces on site if they are replaced with Class 1 bicycle spaces (indoor, secure and sheltered). You may be required

to add bicycle parking for the ADU as well. In either of these scenarios, the Zoning Administrator has the discretion to grant administrative exceptions, or a waiver, to the Planning Code for these parking requirements.

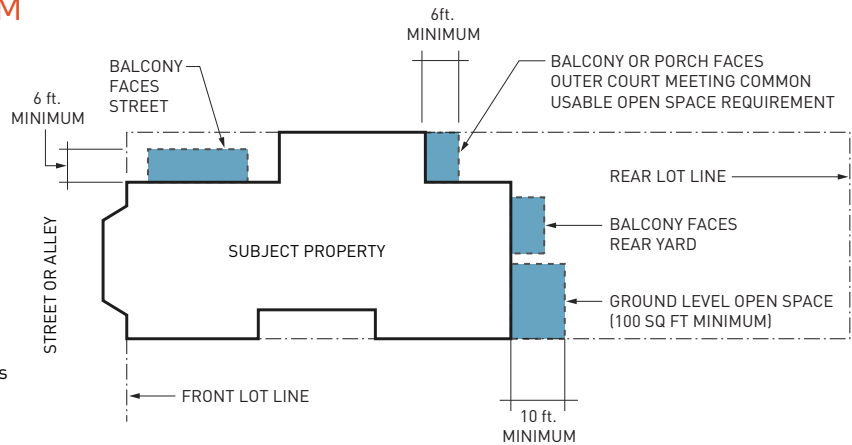
Bicycle Parking

In addition to regulating vehicle parking, the Planning Code outlines requirements for providing secure locations to store bicycles. Adding a unit to a lot where off-street car parking exists will require the addition of bicycle parking on a one-to-one ratio with the off-street car parking spaces. In designing an ADU, plan for a space 2' wide and 6' long in an area that is secured and protected from the weather. Identify this location on the plans you submit for permit review. Reference SF Planning Code Section 155.1-155.2, and Zoning Administrator Bulletin No. 9 for more detailed information on calculating required bicycle parking. Some dimensional requirements of accessing bicycle parking spaces and the method of parking can now be waived at the discretion of the Zoning Administrator through the ADU program.

Setbacks and Open Space

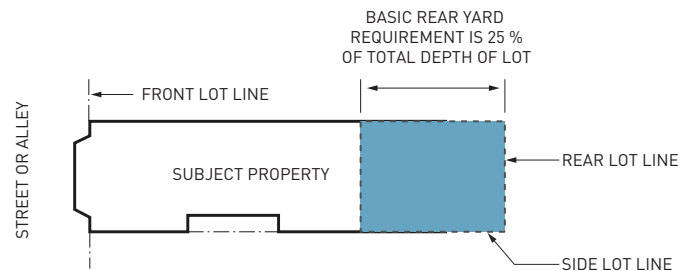
Setbacks determine how closely structures may be built to a property line. Calculating the setbacks with an addition to the rear of a house can be complicated because it can depend on the location of the rear wall of the neighboring properties. You can look at Sections 132, 133, 134, 136, 260 and 261 of the San Francisco Planning Code to learn more about where you are permitted to build on your lot. Zoning Administrator Bulletin

OPEN SPACE DIAGRAM



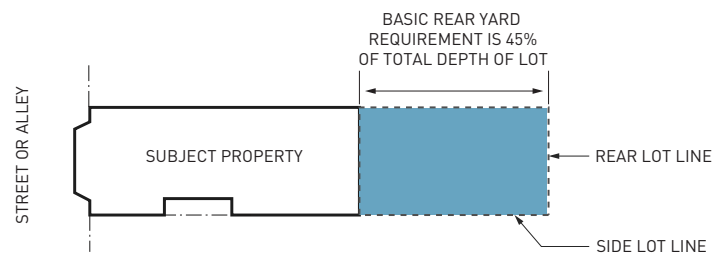
Balconies and porches may count as required open space. The four examples in blue indicate the minimum requirements of each of the spaces. See Section 135 for more details on these requirements. Each zoning district has square footage requirements for open space.

REAR YARD - RH-1(D), RH-1, RM-3, RM-4, etc.



In some zoning districts, the rear yard setback line can be reduced to an average between the depths of the rear building walls of the two adjacent buildings. See Section 134 for more information about rear yards.

REAR YARD - RH-2, RH-3, RM-1, RM-2, etc.



OPEN SPACE AND SETBACK REQUIREMENTS

Lot configuration, existing conditions at adjacent properties, and the particulars of the property's zoning designation can all impact the specific requirements for a project. Reviewing the issue with Planning Department staff, at a Preliminary Plan Review meeting at the ADU Planning Center or a Project Review Meeting for example, can help ensure compliance as your ADU design develops. (Diagrams taken from the SF Planning Code). (Addition of an ADU cannot compromise the Code compliance of the existing dwelling unit(s). All existing units must retain access to the existing open space if they currently have access.)

Number 5 (available on the Planning Department's website) is also an excellent resource to help you determine the area on your lot that is the buildable area, or outside of the required setbacks.

One important item to note is that in almost no case will you be allowed to build an addition or new structure in the last 25% (or 15' at minimum) of your property (for example, if your lot is 100' deep, the rear setback would be 25' from the rear property line), dependent on zoning. The rear yard requirement can be up to 45% of the overall depth of your lot, depending on zoning. If your property has an existing legal building in the rear yard, such as a garage or storage shed, this may be eligible for converting into an ADU. The Zoning Administrator has the discretion to grant administrative exceptions, or a waiver, to the Planning Code for the rear yard requirements to convert this structure to a residential use.

The rear yard or other yards may also be used for open space on the property. Each zoning district requires different amounts of square footage per dwelling unit on the lot, and this varies whether the space is proposed as private (such as on a deck or dedicated area for the unit) or common (such as in a shared rear yard). The Zoning Administrator has the discretion to grant administrative exceptions, or a waiver, to the Planning Code for the open space requirements. Although not all properties may be able to provide

Exposure, or Access to Natural Light

Exposure is the Planning Code requirement

that each dwelling unit have suitable access to natural light. This Code requires that one room, at minimum 120 square feet, meet the requirement. At least 1/12 the square footage of the room must be glazed and face onto a Code-compliant yard or a street. When adding an ADU(s) onto the property, meeting or exceeding the square footage requirement for windows or doors is often of interest for the owner when designing a quality unit. Most times, if the windows face onto a street this meets Planning requirements. When the unit, and the glazing, face onto a rear yard that is not Code compliant, the Zoning Administrator has the discretion to partially waive the requirement of the size of the open area that the windows must face onto: this open area can be no less than nine (9) feet in any horizontal dimension and no less than 225 square feet in area, with few obstructions within that area permitted. See Planning Code Sections 140 and 207(c)(4) for more details. Note that the Building Code includes separate requirements for natural light and ventilation, also discussed in this Handbook.

Street Trees & Front Yard Improvements

Public Works, through the Planning Code, requires one street tree along the sidewalk of a typical 25' wide residential lot or allows payment of a fee to meet the requirement (Oct. 2018). Adding a unit or legalizing a unit does trigger this requirement. If the property does not already have a street tree in place, one may need to be provided as part of the permit requirements. Reference SF Planning Code Section 138 .1 and SF Public Works, Bureau of Urban Forestry, information: <http://>

sfpublicworks.org/trees.

Similarly, the Planning Code has requirements for landscaping and permeability in the front yard set back of all residential zoning districts. A property's required front setback is averaged from the adjacent neighbors' front building walls. If the property has an area in the front that is the required front setback, then these are going to be required as part of the Planning Department's review of the project. Reference San Francisco Green Landscaping Ordinance, and the SF Planning Code Section 132 , specifically subsections (g) and (h).

ITEMS TO CONSIDER WHEN EXPANDING OR EXCAVATING

Expanding Your Property

Neighborhood Notification: San Francisco has a neighbor notification process for building projects that meet certain criteria in Planning Code Section 311 and 312. This means everyone who lives within a certain radius of your property needs to be notified of the project and has an opportunity to file for a Discretionary Review hearing, which is an opportunity for neighbors to express their concerns. There is also a pre-application neighborhood meeting required only for some scopes of work, where neighbors can provide input early in the project.

Adding an ADU does not automatically trigger Neighborhood Notification. If your project is built entirely within the existing footprint of the building, you will not have to go through this process. Notification is only

when expanding your building to the rear or up.

Height Limits: The Code includes special incentives for properties adding ADU(s) and also undergoing mandatory seismic (or voluntary seismic per DBI's Administrative Bulletin 094). One of these is that the notice requirements are removed when lifting a building up to three feet, for projects that may need to obtain additional head height at ground levels. If this is proposed, the maximum height in the zoning district should be reviewed first. In addition, this may require review for alterations to the historic character of the building.

Residential Design Guidelines: In residential zoning districts in San Francisco, expansions are reviewed for consistency with the Residential Design Guidelines. These Guidelines address basic principles of urban design that help maintain cohesive neighborhood identity, preserve historic resources, and enhances the unique character of the City's residential neighborhoods. Please find the Guidelines on the Planning Department website: <http://sf-planning.org/>

Sensitive Zones & Environmental Review

Some areas in the City are noted for sensitivity such as seismic zones, sloping lots or hazardous soils. Some scopes of work with large amounts of excavation can require additional information during Planning's review and prior to approval. These items should be investigated on the SF Property Information Map, Zoning Tab, and can be discussed in more detail with a dedicated ADU planner.

Geotechnical Report & Excavation:

If the site is located within a sensitive zone, such as seismic zones or severely sloping lots, excavation may require the submission of a geotechnical report at the Planning stage.

Hazardous Soils & Excavation:

If the site is noted as a Maher zone (hazardous soils), then proof of enrollment in the Department of Public Health (DPH)'s Maher program is required prior to Planning approval. Be sure to review the Zoning Tab in SF PIM to learn if the property is listed in this area, as enrollment in DPH's program can add time to your permit review process. SF Planning will not be able to progress your permit for review without adequate proof of compliance.

Improving Air Quality for Residents of ADUs:

Certain locations within SF exhibit greater concentrations of air pollutants and new projects are required to include enhanced protection in their air ventilation systems. Although ADUs are exempt from these requirements due to the limited size and scope of work, homeowners may consider utilizing enhanced filtration to improve health protection for residents. If interested, an owner should determine if the existing system can fit an enhanced filter.

- a. If yes – recommend purchasing a MERV 13 or higher filter for installation.
- b. If no – retrofitting is possible but can be expensive; check with an HVAC technician to determine what is possible and how much it might cost.

If the ADU to be added is not currently part of the forced air system, consider including the space as part of the system during remodeling, as it can be more convenient and

cost effective to install ductwork during renovations rather than when the unit is already occupied.

MEETINGS BEFORE FILING YOUR PERMIT

Prior to doing detailed design of your ADU project, it is possible to schedule a Pre-Application meeting with the Department of Building Inspection (DBI). This meeting brings together key staff from Planning, Building and Fire to review ADU projects, providing consistent feedback. See more details in the Building Code portion of the Section Two.

In addition, the Planning Department offers options to discuss your project early on in the process. Dedicated ADU planners staff the fifth floor Counter 38 of DBI's permit center, and are available for preliminary plan review or simply to answer a few questions about program.

REMOVING OR MERGING A UNIT

It is important to note that once a dwelling unit has been legally added to a property, it may not be removed or merged with another unit without a thorough review by the Planning Department. In most cases, removing a unit requires a public hearing before the Planning Commission - either a Conditional Use authorization or a Discretionary Review. The specific requirements depend on the number of units proposed for removal or merger, their location within the building, their values, and the zoning district of the property.

See Planning Code Section 317 and the [Mayor's Executive Directive 13-01](#) for additional information about regulations related to removing housing units.

DESIGN STANDARDS

THE PLANNING CODE, CEQA AND HISTORIC PRESERVATION

The Planning Department balances various design guidelines, Code Sections and preservation standards when reviewing a project proposing changes to street-facing facades. The focus is on improvements that protect neighborhood character and enhance the attractiveness and quality of life in the City. Historic Preservation Technical Specialists are available at the Planning Department to answer your questions, at Planning's ADU Counter or by sending an email through the inbox: CPC.ADU@sfgov.org.

Review of Historic Resources

The California Environmental Quality Act (CEQA) requires cities to analyze a project's impact on known or potential historic resources. Most buildings in San Francisco that are 45 years and older that have not had a historic survey completed are classified as Category B resources, meaning that they are of potential importance.

If your project involves alteration to a structure that has been identified (through a Historic Resource Determination Survey or other means) as a historic resource, or if the structure is 45 years old or greater, then there may be additional materials and process involved in order to determine if the proposed work is appropriate.

Generally, most work that is associated with incorporating ADU(s) at facades and levels that did not do so in the past, can be approved through review of your permit application, if it meets design standards which are outlined in this section. However, if your project is entirely within the existing structure and doesn't involve changes to the front of the building, you will most likely not be affected by historic preservation guidelines.

Design Guidelines

There are common patterns for adding an ADU to existing residential buildings, often introducing new features to the ground level street-facing facades. Consistent design input is outlined below for the common methods to alter public-facing elevations to incorporate ADUs or required access ways, and should guide your project at the outset.

A. *Where a garage opening original to the building will be infilled, it should:*

- i. Incorporate design details, such as a reveal or simple trim detail, or similar, to reference the original configuration of the opening; and,
- ii. Be clad in a manner that is consistent with the character of the building.

B. *Where a garage opening that is not original to the building will be infilled, it should:*

- i. Be restored to match the surrounding material and original configuration of the base of the building (for example, if the building originally featured an angled, projecting bay that extended to grade, this feature should be restored when garage is removed as permitted by Code).

C. *Where window openings are needed for the new ADU(s), they should:*

i. Be located within the garage door opening to be infilled; and,

ii. Have simple design and details and be proportionally smaller than primary windows on upper floors [size of windows should be minimum required to meet Planning and Building Code requirements]; and,

iii. Match materials of historic windows (extant or not) on upper floors of building; and,

iv. Be in a configuration that is compatible with historic windows (extant or not) in upper floors of building while meeting egress requirements of the Building Code.

D. *Where door openings are necessary for the new ADU(s), they should:*

i. Be located on secondary elevations or incorporated into existing front stair structure, if feasible. If such locations are not feasible, then the new door openings) should be incorporated into existing openings (pedestrian or garage) and should be kept to the minimum number and size required by Code; and,

ii. Minimize recesses to depth required by Code; and,

iii. Have a simple, compatible design.

E. Front yard area should be restored with soft and hardscaping that is compatible with the character of the building and/or district.

F. Relocated gas/utility cabinets should be

placed in a location and have a design that is as minimally visible as possible.

Note that properties that are designated as or located within Article 10 or Article 11 landmark districts may require additional review through the Certificate of Appropriateness or Permit to Alter process, as outlined in the Planning Code. Some of this work has been delegated by the Historic Preservation Commission (HPC) to staff for administrative review. The Design Guidelines outlined in this section meet the standard for administrative review per HPC Motion No. 0349.

BUILDING CODE

THE DEPARTMENT OF BUILDING INSPECTION, AND THE CALIFORNIA BUILDING CODE

This section reviews Building Code considerations. These generally revolve around life safety issues, especially in the case of a disaster. However there are also some quality issues, such as ceiling heights and minimum sizes. Each prototype covered later in this handbook reviews code issues specific to that design as well, and may make reference to this section when relevant.

Understanding the basics of the Building Code is one of the keys to determining the feasibility of a renovation project, especially when it comes to adding an extra housing unit on your property. Construction in the State of California is governed by the California Building Code (CBC). Like many cities, San Francisco has adopted their own set of amendments to the CBC in order to adapt or interpret the state code in relation to specific local conditions. This set of amendments is referred to as the San Francisco Building Code (SFBC).

In San Francisco, the Department of Building Inspection (DBI) enforces the Building Code and is responsible for issuing building permits, conducting construction inspections, and tracking code violations. The relevant codes are available on-line at www.sfdbi.org/codes. DBI also issues Administrative Bulletins, www.sfdbi.org/administrative-bulletins, and Information Sheets, www.sfdbi.org/information-sheets, that help clarify common code issues.

Type of Occupancy

One key feature of the Building Code is that it categorizes how buildings are used in order to determine applicable requirements for exiting, fire/life-safety, construction materials, etc. The buildings most commonly considered for adding an ADU generally will fall into either the R-2 or R-3 Occupancy Group. An R-2 occupancy has three or more dwelling units, while an R-3 has one or two units. Taking an existing building with two units and adding a unit to it will change its occupancy from R-3 to R-2. In short, an R-3 building is viewed from a Code perspective as a single family home while an R-2 building is viewed as an apartment building.

What difference does the Occupancy Group make to a homeowner? The Building Code has different requirements - exiting, fire-ratings, etc. - for different occupancies. The biggest difference in terms of the review process is that the San Francisco Fire Department may be required to weigh in on the approval of your permit; the Fire Department has jurisdiction over R-2 buildings, but not R-3 buildings.

RESIDENTIAL OCCUPANCIES

The Zoning Code designations and Building Code Residential Occupancies have similar names but are not related. An R-2 Occupancy would typically be in an RH-3 or higher Zoning, while an R-3 Occupancy would be found in the RH-2 or lower Zoning.

Pre-Application Meeting

Prior to submitting your plans and building permit application, it is strongly recommended that you set up a pre-application meeting with DBI (for R-3 Occupancy), or with both DBI and the Fire Department (required for R-2 Occupancy). There is a fee for this meeting, but the Pre-Application meeting is an opportunity to ask questions and work out any critical code issues prior to submitting your permit application. Planning staff now attends these Pre-Application meetings for ADU projects. You can find the application form and list of requirements on the Department of Building Inspection's website: www.sfdbi.org/forms-handouts.

Along with the fee and the application form you will need to submit a set of schematic drawings that describe the existing conditions and the proposed project, as well as a list of specific code-related questions.

The notes and outcome of the pre-application meeting will be available in writing, and should be included in your permit plans when they are submitted for review. The determinations made in the pre-application meeting are intended to be binding when you submit for your building permit, and will help guide the plan reviewers if they have questions about your project's code compliance.

In some cases, you may be required to fill out an AB-005 form and have it signed by DBI and SFFD staff to recognize an approved equivalency to the building code.

CODE-RELATED DEFINITIONS

Following are explanations of some of the key portions of the building code that apply to residential buildings, and commonly impact the design of a secondary unit.

EXITING

Means of Egress

From the 2016 California Building Code, Chapter 2:

MEANS OF EGRESS: A continuous and unobstructed path of vertical and horizontal egress travel from any occupied portion of a building or structure to a public way. A means of egress consists of three separate and distinct parts: the exit access, the exit and the exit discharge.

The Means of Egress is the entire route from an occupied space to a public street. The exit access takes an occupant from the living space to the exit. The exit is the path from the exit access to the street. It can include stairs, ramps and passageways that are all defined in the code and are required to have specific construction requirements (generally to provide safe passage for the occupants). The exit discharge is where the exit terminates at the public way. In San Francisco this is often a door that leads directly to the sidewalk.

The Building Department's plan reviewer will look closely at the Means of Egress because it is a critical component in providing occupants with a safe way to get out of the building in an emergency. They will want to ensure the minimum number of exits, minimum exit width, and the fire-rated construction requirements described in the Building Code are in compliance and clearly noted in your permit drawings.

Please review DBI's Information Bulletin EG-05 which discusses single exits: EG-05 at <http://sfdbi.org/file/22285>

Number of Exits

The number of exits required from a building depends on the type of use and the number of occupants. The minimum is usually two, but some residential uses only require one exit if the number of occupants is low enough, the travel distance does not exceed code allowances, and the building has fire sprinklers. Reference 2016 SFBC/CBC Section 1006.

There is at least one scenario where only one exit would be required for the new unit: if you are considering adding an ADU to the ground floor of your single-family house, you comply with the rescue opening requirements (outlined later in this section), you upgrade the fire resistance of the ceiling assembly, and you are able to add a fire sprinkler system to the entire ground floor. As there are quite a few variables affecting this issue, it should be carefully reviewed during the pre-application meeting.

Exit Widths and Door Sizes

The exit path from the unit entry to the street should be at least 36" wide, with a ceiling height of at least 7'-6". Objects that encroach into the clear width may be permitted, but should be clearly noted in the plans and reviewed during the pre-application meeting. Reference 2016 SFBC/CBC Section 1003.

Doors along the exit path - typically the unit entry door, and any doors between the unit entry and the street should provide at least 32" of clear opening width. This generally means at least a 34" wide door panel. Reference 2016 SFBC/CBC Section 1010.

If you need to provide a stairway as part of the exit path from the new unit, it will also need to be at least 36" wide and provide at least 80" of headroom along the stairway. Reference 2016 SFBC/CBC Section 1011.

Exiting Through a Garage

The San Francisco Building Code does not permit a dwelling unit to exit directly through a garage. If that is the only access a unit has to the street, a fire-rated hallway will need to be built from the unit entry door to an exterior door that opens to the sidewalk.

On a case-by-case basis, the Building Department may allow an exit from the rear yard to go through the garage without requiring a dedicated hall - installing sprinklers in the garage and clearly identifying the exit path will likely be required. This particular condition is outlined in San Francisco Building Department Administration Bulletin AB-020, and should be carefully reviewed during the pre-application meeting if it is relevant to the proposed exiting plan.

FIRE SAFETY

Increased fire safety is achieved by both passive and active methods. One of the most direct passive methods that the Building Code uses to reduce the risk of fire is to require fire resistant materials be used in the wall assemblies that separate different spaces. At the scale of small residential buildings this will typically be a single layer of 5/8" thick Type X gyp board on either side of common wood framing. It is important to note the locations and specifics of these assemblies when reviewing the Code compliance of the project.

Separation between the ADU and the Garage

Walls that separate the ADU from an adjacent garage are required to be a fire-resistance assembly - typically a documented (UL-tested, for example) one-hour fire resistance rating. This is not a complex assembly (the typical wall of 2x4 framing and gyp board reviewed above should suffice) but the designer and contractor should be familiar with how to rate any mechanical ducts and plumbing lines that penetrate the fire rated wall, in addition to other detailing issues (fasteners, etc.) that will ensure compliance.

Separation between ADU & Upstairs Unit(s)

Similar to the fire rating required between the ADU and the garage, a new dwelling unit should be isolated from any upstairs units with a fire-rated floor-ceiling assembly. This may be slightly more involved than the wall assembly since the floor framing (and electrical wiring, mechanical ducts, garage door tracks, etc.) is already in place. To minimize disruption to the upstairs unit you are typically permitted to apply Type X or Type C gyp board to the underside of the floor. The new gyp board, along with resilient furring channels and fire caulking at any penetrations should be sufficient to demonstrate compliance with the separation requirement.

Walls on the Property Line

Like the floor-ceiling assembly separating upstairs and downstairs units, walls on the property line must also be demonstrated to

provide a one-hour fire separation from the adjacent property. Since adding fire resistant material to the exterior is often impossible if the wall is directly next to another building, it is again generally permissible to add gyp board to only the interior side of the wall. The number of layers, typically one or two, will depend on the structure and exterior finish of the existing wall and should be reviewed at the pre-application meeting.

Fire Sprinklers

Fire sprinklers are an example of active fire protection, and are now required in all new single family residential construction in California - You should include the cost of a fire sprinkler system in any construction budget you prepare (we review the costs of these systems in the Financial Analysis Section). At a minimum, the new unit and path of travel out of the building will need to be sprinklered. In many buildings the entire ground floor will require fire sprinklers. This is an item that is typically discussed at a pre-application meeting. You can read more about San Francisco's sprinkler requirements in DBI's Information Sheet FS-05.

There are various 'grades' of fire sprinkler systems. NFPA-13R systems are designed for use in homes and will be accepted by the Building Department for use in R-3 occupancies. Sprinklers in a garage are generally required to meet the NFPA-13 specification. If you have three or more units, the Fire Department may require the use of a more extensive NFPA-13 sprinkler system throughout the ground floor.

One important consideration when planning a new fire sprinkler system is the available water pressure to the property. The Fire Department requires having the water main flow-tested to determine the working pressure. If there is insufficient water pressure to meet the demand of the sprinkler system an auxiliary pump may need to be provided. This “fire flow” should be included in your permit set of drawings.

If the sprinkler system is relatively modest it may be feasible to install a “combo-meter” - a new water meter that allows for the branching of the supply lines for domestic and fire sprinkler water lines. For larger systems, or at properties with an already undersized water service, a second (or larger) service may be required, along with new water meter(s).

Smoke and CO Detectors

Smoke alarms are required to be installed in all new dwelling units. These items must be hard-wired into the building’s electrical system. They may not be battery operated, though they may have a battery back-up. You must provide a smoke detector in each bedroom, outside of each sleeping area, and in each story (including basements).

Carbon Monoxide detectors are required to be installed in any dwelling unit that has a fuel-burning heater or appliance (e.g. a gas range or furnace), a fireplace, or has a garage immediately adjacent.

INSIDE THE UNIT

Ceiling Heights

Ceiling heights within the dwelling unit are governed by the Building Code as well. The main living space and the bedroom must have 7'-6" minimum ceiling heights. The other rooms in the unit - kitchen, bathroom, hallways, laundry rooms - can have ceilings as low as 7'-0". Headroom is typically quite low when dealing with adding ground floor units to hillside properties, or in existing garages - and there are a number of exceptions for beams and sloped or furred ceilings - so clearances should be reviewed during the pre-application meeting. Reference 2016 SFBC/CBC Section 1208.

HABITABLE SPACES

Many of the requirements for the interior of the unit only apply to Habitable Spaces. These include bedrooms and living rooms, and any space used for eating or cooking. Bathrooms, hallways, utility closets, and storage rooms are not considered habitable spaces for code compliance purposes.

Room and Unit Sizes

The main living space and the bedroom must each be at least 7' wide. There is no minimum room size for kitchens, but you must provide at least 36" of clear floor space in front of cabinets and appliances. Reference 2016 SFBC/CBC Section 1208.

Every dwelling unit must have at least one room that provides at least 120 square feet of net habitable floor area. Other habitable rooms - bedrooms and living rooms, but not kitchens, bathrooms, or storage rooms - must have at least 70 square feet of net floor area. Reference 2016 SFBC/CBC Section 1208.

Efficiency Dwelling Units

The Building Code has a specific category for an exceptionally small studio unit that has one room used for sleeping, cooking, eating, and living. The total area of the unit (including bathroom, closets, kitchen, and all living and sleeping space) must be at least 220 square feet. The unit is limited to two occupants. An additional 100 square feet of unit area must be provided for each occupant over this two-person limit. The primary living space (the area of the unit excluding the closet and bathroom) must be at least 150 square feet.

In addition to the size requirements, Efficiency Units must contain the following:

- a separate closet
- a kitchen with a sink, refrigerator, and cooking appliance; with at least 30" clear floor space in front of the counter and appliances
- a bathroom with a toilet and sink, and a bathtub or shower
- the same light and ventilation as required for other dwelling types

Reference 2016 SFBC/CBC Section 1030.

HOW LARGE IS AN ADU?

Many cities that have formalized their ADU policies have limited the size of dwelling units that can be considered "accessory" or "secondary" - sometimes as a percentage of the primary dwelling, and sometimes as an absolute maximum square footage. San Francisco's lawmakers did not choose to establish limits on the size for new ADUs. The City currently has only one zoning designation that specifically regulates secondary units - ADUs in RH-1(S) zones are limited to 600 square feet.

Disabled Access

Requirements for creating safe and accessible residential spaces for disabled persons can be involved - with a number of different Codes, both State and Federal. An ADU added to an existing single-family home is generally exempt from complying with the Building Code's disabled access requirements.

One exception to this is if the unit is added to a duplex or larger apartment building where the total unit count would be over three apartments or four condominiums. In this case the new unit may need to comply with the requirements of Chapter 11A



Housing Accessibility. Note that units created within the existing envelope (e.g. not as an addition) of an apartment building that was first occupied before March 13, 1991 are exempt from complying with current California disabled

access codes.

Where the new unit is required to comply, it may also trigger compliance requirements for any new common spaces added to the building at the same time (laundry room, mailboxes, trash rooms, outdoor spaces, etc.), per SFBC/CBC Chapter 11B which governs disabled access requirements for public/common spaces. Reference 2016 SFBC/CBC Section 1102A.2, and Section 3411.

Rescue Windows

EMERGENCY ESCAPE AND RESCUE OPENING: An operable window, door or other similar device that provides for a means of escape and access for rescue in the event of an emergency. Reference SFBC/CBC Ch. 2

Rescue openings must be provided from every sleeping room in a dwelling - this means each bedroom needs to have its own rescue opening. In the case of a studio apartment, the main living space needs a window or door that complies with the rescue opening requirement. If it is a window, it must be at least 5.7 square feet in size (5' at the ground floor). The net opening can't be less than 24 inches high or 20 inches wide, and the bottom can't be more than 44 inches above the floor. It also needs to open freely to allow a person to climb out, meaning it can't require any keys or tools to open. A door that leads to a public way or to a court that opens to a public way also meets the requirement. Reference 2016 SFBC/CBC Section 1030.

The Code intends for these openings to lead to an exterior space that has access to a street so that self-rescue or assisted-rescue to a safe area can occur. If the rear yard has no access to the street, the depth of the yard should be reviewed during the pre-application meeting to determine if occupants can move a safe distance away from the building while they await rescue.

Light and Ventilation

Building codes require that all habitable rooms are provided with adequate levels of light and ventilation.

Natural ventilation may be provided by operable exterior openings, such as a window, with an area of not less than 1/25 of the floor area of the room, with a minimum opening size of 4 square feet. For example, a 150 square foot bedroom will require a minimum of 6 square feet of window that can be opened for ventilation. An exterior door can also be used to comply with the ventilation requirement. This requirement can also be met by installing an active mechanical ventilation system. Reference SFBC Section 1203.

In addition to providing ventilation for the living spaces, the California Mechanical Code requires that an exhaust fan be installed in the bathroom.

Habitable rooms (excluding kitchens, home offices and media rooms) within a dwelling unit need to receive natural light by means of exterior glazed openings (windows, French doors, sliding glass doors, etc.). The minimum net glazed area needs to be at least 8 percent of the floor area of the room served. Reference 2016 SFBC/CBC Section 1205.

In a one-room studio apartment the floor area of the entire living and sleeping space needs to be used to calculate the light and ventilation requirements. A separate bedroom built into an apartment needs to meet these requirements as well. If the bedroom is not fully enclosed, it can share the light and air with the adjacent room provided that the

common wall between the two rooms is 50 percent open and unobstructed and the area is at least 25 square feet or 1/10 the floor area of the room served.

This will be covered later in the prototypes section.

Temperature Control

You must provide a heating system for the new unit. This must be a permanently installed system, such as a furnace, an in-wall unit or an electric mini-split heat pump system that does both heating and cooling. Plug-in space heaters are not an acceptable method of complying with the Code requirement. Reference 2016 SFBC/CBC Section 1204.

Energy Conservation

Any new ADU will need to demonstrate compliance with the California Energy Standards, more commonly known as Title-24. These standards regulate how much insulation is required in the walls and roof, how many and what type of light fixtures can be installed, and the type of water and space heating equipment that is used.

T-24 calculations are usually performed by an outside consultant for a modest fee - typically less than \$500 for a straight-forward residential project. The project designer will be able coordinate the T-24 calculations with the project requirements, and make sure that the proper reports are included in the permit drawing set.

Noise Insulation

Requirements to provide walls and floors that are designed to significantly reduce noise transmission - both airborne and impact noises - apply only to residential buildings with building permit applications dated after August 22, 1974. Quoting the Building Department's bulletin AB-026: "They do not apply to buildings constructed before 1974 in which new units are created through alterations, additions or changes of use."

When adding a unit to a building permitted after August 22, 1974, all wall and floor assemblies will need to be documented to provide the required sound insulation.

Wall and floor-ceiling assemblies which separate living units or guest rooms from each other, or from common areas of the building such as hallways and garages, must meet a Sound Transmission Class (STC) of 50. In addition, the floor-ceiling assemblies must meet an Impact Insulation Class (IIC) of 50.

There are a number of detailed components (caulking at framing plates, etc.) that are listed in the Building Department's bulletin. In addition to the overall assemblies, these detail items should be clearly indicated in the permit plans.

Whether required by Code in your particular building or not, it is prudent to consider including basic provisions for minimizing noise transmission - particularly if the ADU is intended to act as a rental property.

Reference San Francisco Building Department Administrative Bulletin AB-026.

EARTHQUAKE SAFETY

Seismic Upgrades

Upgrading the earthquake safety features in an older existing building is often considered a sound financial investment given the modest costs generally associated with a retrofit, and the tremendous costs of repairs that come with serious earthquake damage.

The California Building Code mandates that existing buildings designed to comply with a pre-1978 building code that are going through a change of occupancy, or any type of substantial addition or alteration, should also undergo a seismic retrofit as part of the improvements.

The need for a seismic upgrade should be determined as early in the process as possible, as it may impact the layout of the ADU. It should definitely be reviewed at the pre-application meeting.

For structures not subject to a Mandatory Seismic Upgrade or the Soft-Story program, owners may still want to consider completing a voluntary seismic upgrade at the same time they are adding a unit. Even if no excavation or foundations are required for the ADU, the wall finishes required to construct the unit may cover up much of the framing in the open garage - making any future seismic upgrades much more costly.

The City encourages homeowners to retrofit their homes through the Building Department's voluntary seismic upgrade guidelines.

Reference: California Existing Building Code Chapter A3, and Department of Building Inspection Administrative Bulletin AB-108.

Soft-Story Conditions

San Francisco initiated the Mandatory Soft-Story Program in 2013 to improve the earthquake safety of older multi-family buildings. Buildings subject to review are wood-framed and must have been permitted for construction prior to 1978. They must have five or more residential dwelling units, three or more stories (or two stories over an exposed basement), and have not yet been seismically strengthened. The City has completed the survey and notification process and is currently reviewing the screening forms to determine a property's eligibility and status. Building owners should now be aware, through the notification and screening process, whether or not their property is subject to the regulation.

For buildings that are subject to mandatory structural retrofit work under the program, there may be opportunities for adding one or more dwelling units while the seismic upgrade is taking place. Since compliance with the soft-story program is a legal requirement and has specific deadlines for compliance, the permitting of the soft-story retrofit is kept separate from the permitting of the additional unit(s), even if construction is scheduled to occur at the same time.

Additional information can be found at the building department's website: <http://sfdbi.org/mandatory-soft-story-program> and the San Francisco Earthquake Safety Implementation Program website: <http://sfgsa.org/index.aspx?page=6044>

SOFT-STORY RETROFIT AND ADU'S

City legislation permits ADUs to be added to properties that are subject to the Mandatory Soft Story Program. The intention is to encourage property owners to add units to an apartment building as part of the retrofitting work - increasing the income potential of the property, and helping to offset the costs associated with the seismic upgrade.

OTHER REQUIREMENTS

MISCELLANEOUS CODES THAT IMPACT PLANNING FOR AN ADU

Rent Control

The City's Rent Board regulates rents, security deposits, rent increases, and evictions for residential rental properties that fall under the current San Francisco Rent Ordinances (Chapter 37 of the Administrative Code). The Rent Control Law applies to most rental units in buildings that were constructed before June 13, 1979. Units in buildings built after that date are generally exempt from Rent Control. Specific types of units are also generally exempt; non-profit or religious housing, transient occupancies (hotels, etc.), buildings that have received substantial renovation since 1979, for example, are not under the jurisdiction of the Rent Board.

While there are exceptions, single-family homes are not typically subject to rent control. There are Rent Board eviction protections in-place that may still apply however, and existing non-permitted ("illegal") units in single-family homes are generally subject to rent control.

Citywide legislation enacted since 2014 has required new ADUs to be subject to Rent Control if the existing building is already subject to the law, if certain exceptions (waivers) are granted from the Planning Department to add the ADU. For single family homes that can add an ADU without the need for any waivers, the new ADU will not be subject to rent control. Reference: San Francisco Planning Code Subsections 207(c)(4) and 207(c)(6)

Questions about whether a specific residence or ADU contains rent controlled unit(s) should be directed to the Rent Board for determination.

Reference <http://www.sfrb.org/>

The Costa-Hawkins Rental Housing Act prohibits municipal regulation of rent increases on single-family homes and condominiums; and prohibits regulation of how rent adjustments are made when a new tenant leases the property.

A Costa Hawkins waiver agreement is required when the new ADU is being added as a part of the citywide legislation in 2016, under Planning Code subsection 207(c)(4), that permits administrative exceptions (waivers) to six areas of the Planning Code: density, open space, parking, rear yard, reduced exposure, and bicycle parking.

For ADUs receiving waivers, if the existing building is subject to rent control, then ADU would also be rent controlled and Costa Hawkins agreement would be required.

Curb Cuts

If you are removing a garage as part of adding an ADU, the San Francisco Department of Public Works will require that you also remove the curb cut that used to provide driveway access to that garage. Changes to the public right of way (curb and sidewalk) need to be filed in a separate Street Improvement Permit.

This is usually prepared by a civil engineer.

Toters for Garbage, Recycling, Compost

Public Works also enforces a San Francisco municipal code that requires garbage, recycling, and compost receptacles to be stored so that they are not visible from the street. In planning for an ADU that may take up a substantial amount of the garage space, care should be taken to maintain adequate space for the receptacles, or to provide a screened outdoor area where they may be stored. Information on acceptable screening enclosures can be found by searching for 'Garbage and Recycling Receptacles' at the Department of Public Works' website: www.sfdpw.org. SF Recology outlines the required number of toters required on the property based on number of dwelling units. For a single family home adding one unit, the requirement is generally three 32-gallon toters.

Utilities

One of the advantages to constructing an ADU within an existing building rather than as a detached, free-standing structure is that the water and drain lines are usually (relatively) easy to tap into so that the services can be extended to the new unit's bathroom and kitchen.

Although the existing water service can often be used to supply the new unit (you may not even need to install a separate domestic water meter), in many cases, a new dedicated water meter will be required that just serves the new fire sprinkler system.

The plumbing fixtures in the ADU should be

able to tie into the existing sanitary sewage drain lines under the house as well. Drains do have maximum capacities, however, so the existing drain sizes need to be verified as adequate for the new fixture count.

ADUs do require their own electrical service, with a dedicated electrical meter, circuit panel, and shut-off.

If you opt for gas appliances, a gas water heater, or gas space heating, you will need to extend the property's gas lines to the new unit as well. Since the gas service will need its own meter, the new line must be installed starting from a point 'upstream' of the existing gas meter.

Gas meter installation needs to be coordinated with Pacific Gas and Electric and the layout of the meter area needs to meet their "Green Book" requirements. New gas meters may not be installed in exit passageways, see information Sheet EG-05 for more detail. Because it is often difficult and expensive to add additional gas meters, it is worth considering running everything in the ADU off electricity if possible.

Additional Information can be found at the building department's website:

EG-05 <http://sfdbi.org/file/22285>

FS-05 <http://sfdbi.org/file/4500>

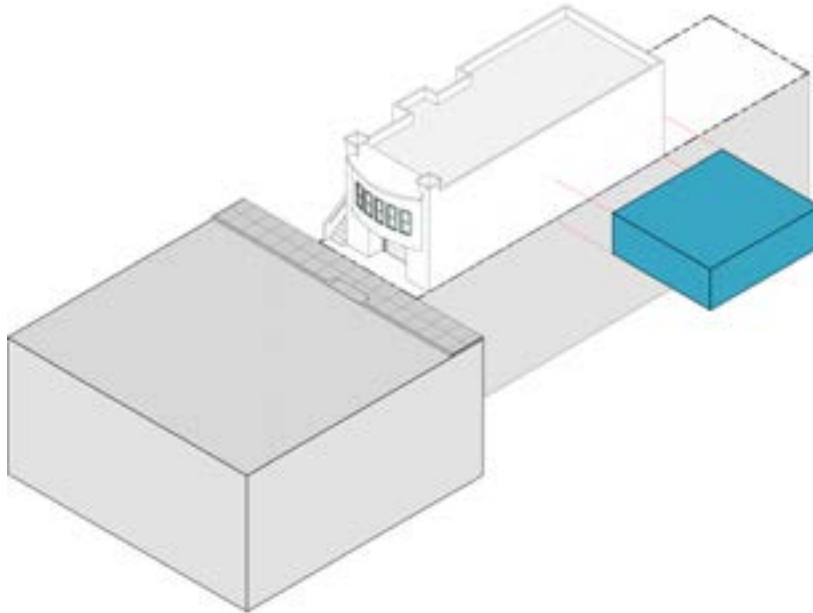
PROTOTYPES

Following are a set of residential buildings typical of much of the housing found in San Francisco. For each prototype, we provide a brief description of the existing building, and propose a strategy for adding an accessory dwelling unit to the property. The solutions, variations, and sets of issues are not intended to provide a comprehensive design review, but rather to clearly describe some of the more common issues that home owners and designers will encounter when planning for an ADU across a fairly diverse set of building types.



PROTOTYPE A

Partial garage conversion of a single-family home with an open ground floor

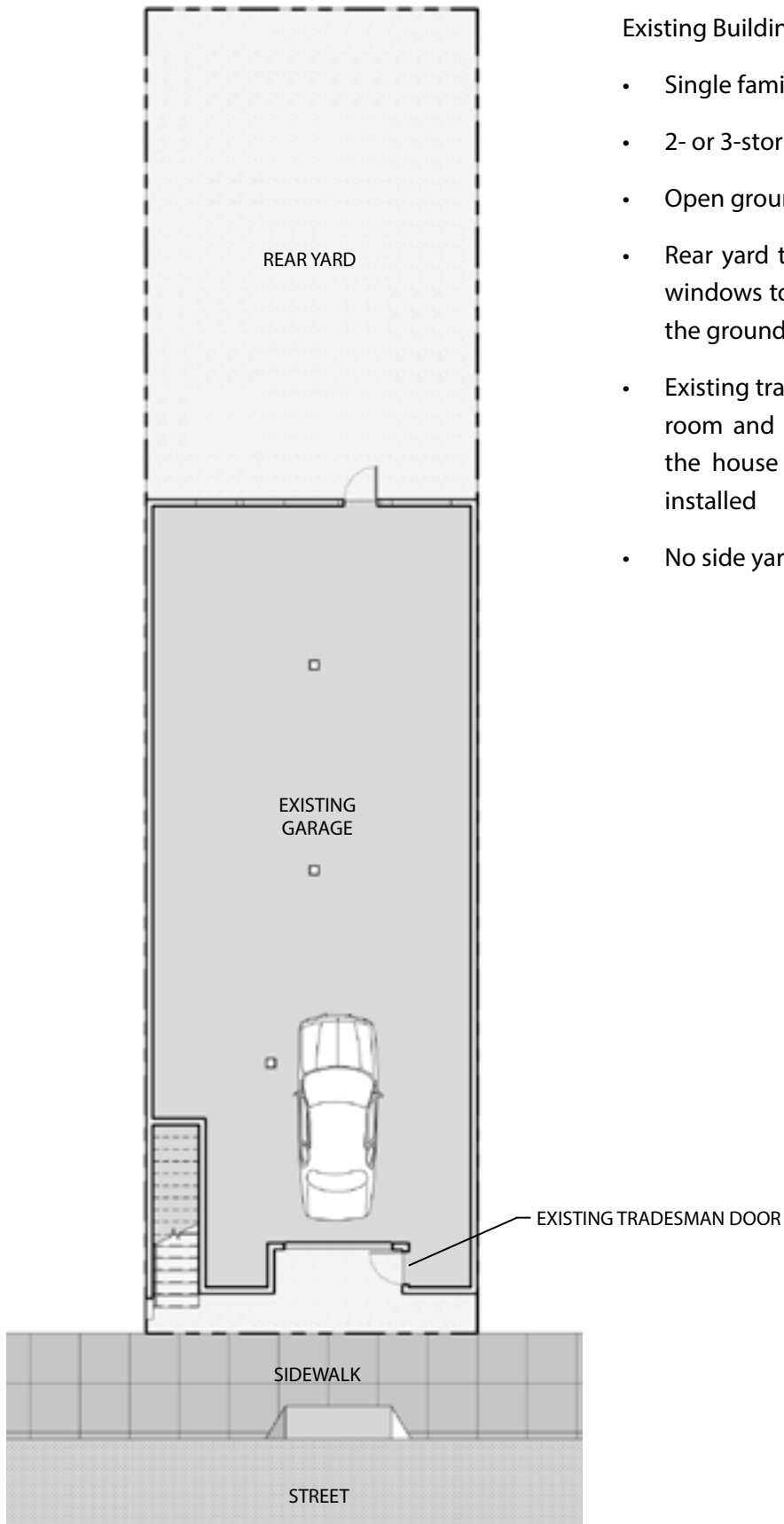


Existing Building

The existing building is one of the more common housing types in San Francisco - a 2-story single-family home with an open garage on the ground floor, and all of the living space and bedrooms upstairs. These buildings are generally 25' wide, filling the entire width of a typical San Francisco parcel; and provide no side yard. Some neighborhoods were developed with fairly generous front yards, but most of these homes are setback only a few feet from the front property line.

The depth of the building varies based on the floor plan - perhaps 55' or more in larger versions, down to 35' or 40' in some later smaller homes. This example concerns itself with the former, where on-site parking is maintained and the footprint of the original building is unchanged. A shallower footprint example is shown in Prototype D.

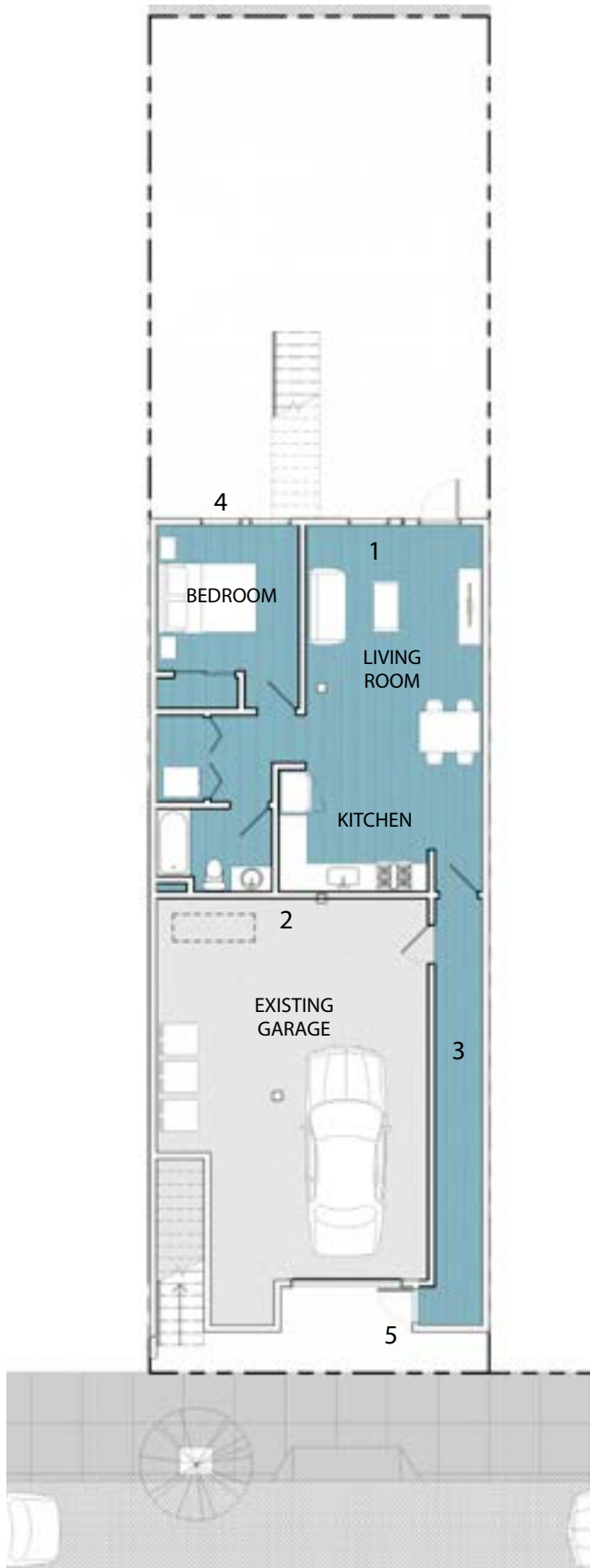
Most of the homes developed before WWII have tradesmen doors leading into the garage from the sidewalk, but that feature was dropped from many of the smaller homes developed from the 1950's onward.



Existing Building

- Single family residence
- 2- or 3-stories
- Open ground floor garage
- Rear yard that is level enough to permit windows to be placed in the back wall of the ground floor
- Existing tradesman door, or enough head room and wall space along the front of the house to permit a new door to be installed
- No side yard

Existing Ground Floor Plan



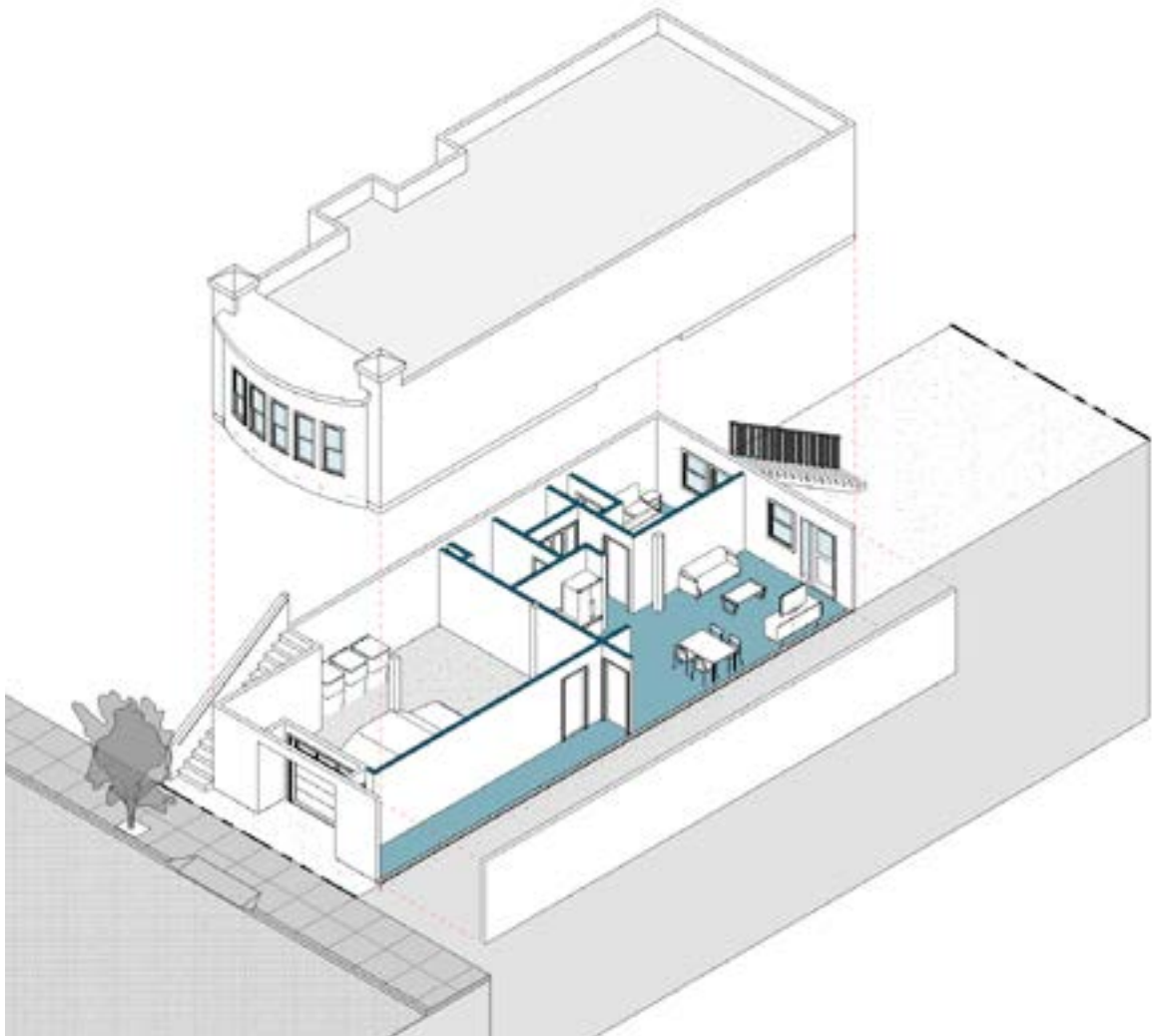
Ground Floor Plan

ADU Strategy

The unit is arranged at the rear of the ground floor, with the living space and bedroom placed against the exterior wall to take advantage of the natural light and ventilation. The unit plan assumes at least one on-site parking space will remain, and that the existing footprint of the house will be maintained. It is likely that the upstairs bathroom and/or kitchen are located towards the middle of the plan as well, hopefully allowing for a relatively easy access to the drain lines for the new bathroom and kitchen. If not, extra plumbing will need to be added to coordinate vents and drains.

ADU PLAN

1. Bedroom and primary living space arranged to maximize access to natural light, and have the opportunity for operable windows and doors facing a rear yard that's at least 25' deep.
2. Provide a fire-rated wall to separate the dwelling unit from the garage.
3. Fire-rate the new exit hall through the garage that leads from the unit entry door to a door that opens directly to the sidewalk.
4. Emergency escape and rescue openings to the rear yard.
5. Ensure that the existing door provides adequate exit clearance.



Most homes of this type have a narrow interior stair that connects the living space directly to the garage. With the ADU taking up much of the garage space this stair will likely need to be removed, and the opening in the floor above framed in, and finished to match the upstairs.

San Francisco will not permit a dwelling unit to exit directly through a garage, so a dedicated exit hall has been built inside the garage leading from the rear unit to the tradesman door at the front.

Primary Considerations

Exiting: Like a number of other prototypes, the depth of the rear yard needs to be reviewed during the pre-application meeting in order to determine if the emergency escape and rescue openings are compliant.

If the tradesman door provides less than 32" of clear opening width an alternate exit door may be required - either a wider door that replaces the existing tradesman door, or a new door at a different location. In either case, if a new door is installed, the Planning

Department will need to review the project to ensure it complies with the Zoning Code, design and preservation guidelines, etc.

The new hall should be planned to provide at least 36" of clear width along the entire path of travel. Any obstructions that reduce the width, such as gas or electric meters, or plumbing pipes, should be noted and reviewed during the pre-application meeting.

Similarly, any steps or other abrupt changes in level should be noted for review to make sure that they don't constitute a tripping hazard, or otherwise interfere with door clearances.

Fire Sprinklers: Fire sprinklers may be required at the ADU and along the path of exit travel, at a minimum. It is always best to review proposed sprinkler systems carefully during the pre-application meeting. See DBI/SFFD information Sheet FS-05 for more details.

VARIATIONS

Sloped Lots

As with any open ground floor building in the City, ceiling height can vary dramatically across the ground floor. On an up-slope lot, it is not uncommon for the rear portion of the ground floor to be raised several feet above the garage floor - sometimes, the ground floor is only roughly excavated into a crawl space. In this case, substantial excavation would be needed to re-build the foundations, and provide the 7'-6" ceiling height that is required in the living spaces.

Alternate Entry Point

The location of the entry to the primary dwelling unit upstairs plays a role in planning for the ADU. The majority of San Francisco homes have an exterior stair leading from the sidewalk up to an entry door landing - as shown in this prototype or in Prototype C. A less common plan, however, provides for a front door on the ground level and an interior stair up to the living space; or for a 'tunnel-entry' (quite common in the 1930's and 1940's)

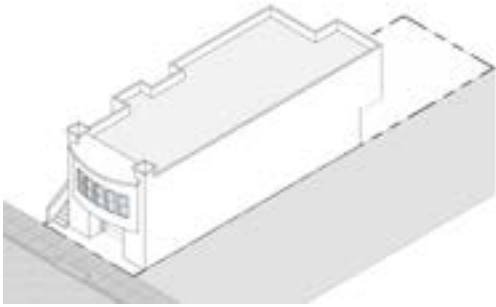
that provides an exterior hall at ground level to a winding stair towards the middle or rear of the house. These variations on the entry sequence lend themselves better to ADUs because they may offer good opportunities for accommodating an entry door to the rear unit without needing to construct an enclosed hall through the garage.

Corner Lot

It is not uncommon to find this housing type located on corner parcels. A corner location allows for greater access and can provide a number of opportunities. If the floor of the unit is at the same level as the adjacent sidewalk, it may be possible to provide a dedicated entry door directly from the street into the unit (note that this may trigger design and preservation review). Another option may be to have the unit entry door open directly into the backyard, and then provide direct access to the street.

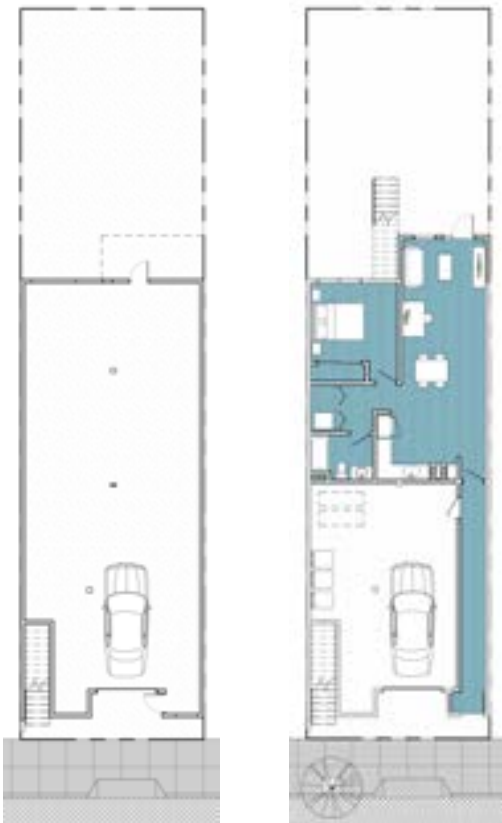


Diagram of Egress Through the Backyard of a Corner Lot



Horizontal Expansion

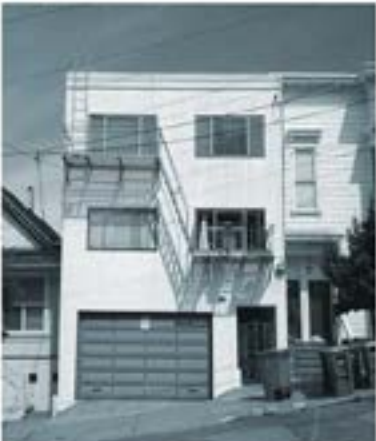
In some cases, the owner may want to expand the rear of their home in order to make the ADU more livable. This building expansion would be permissible to incorporate the ADU in the buildable area of the lot and would require neighborhood notice, as discussed in Section Two. The Planning Department will review the depth of the expansion, or how much it projects into the yard and the nature of the adjacent properties. Expansion into the required rear yard or setbacks would require a Variance, and the ADU is not permitted within this part of your lot.

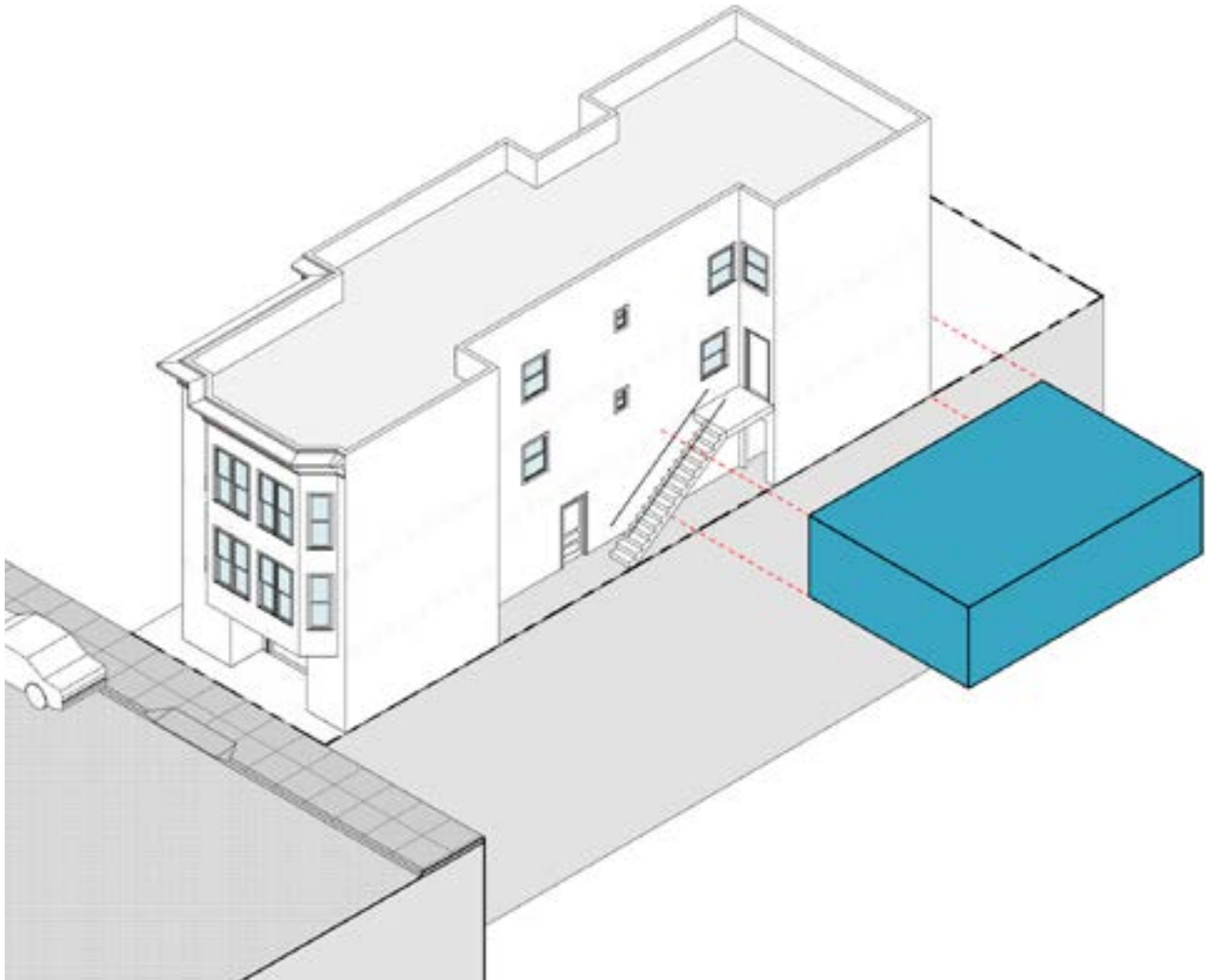




PROTOTYPE B

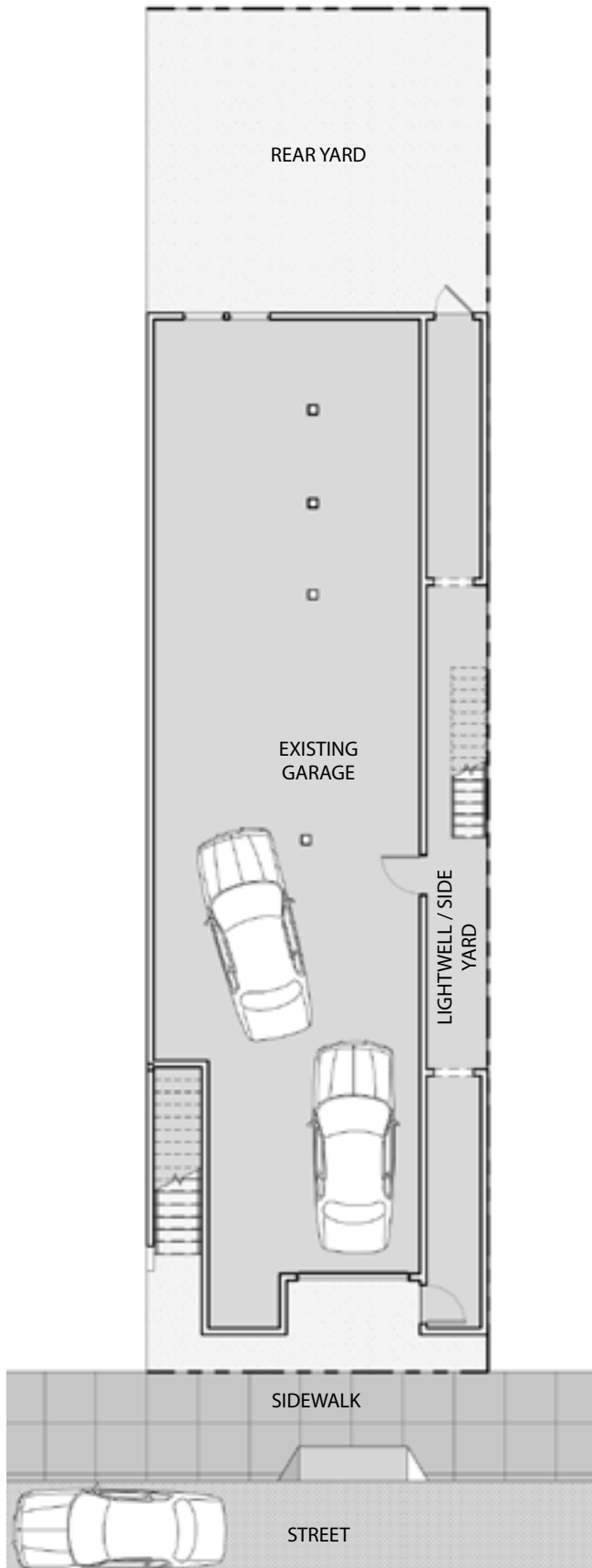
Partial garage conversion of a duplex with an open ground floor





Existing Building

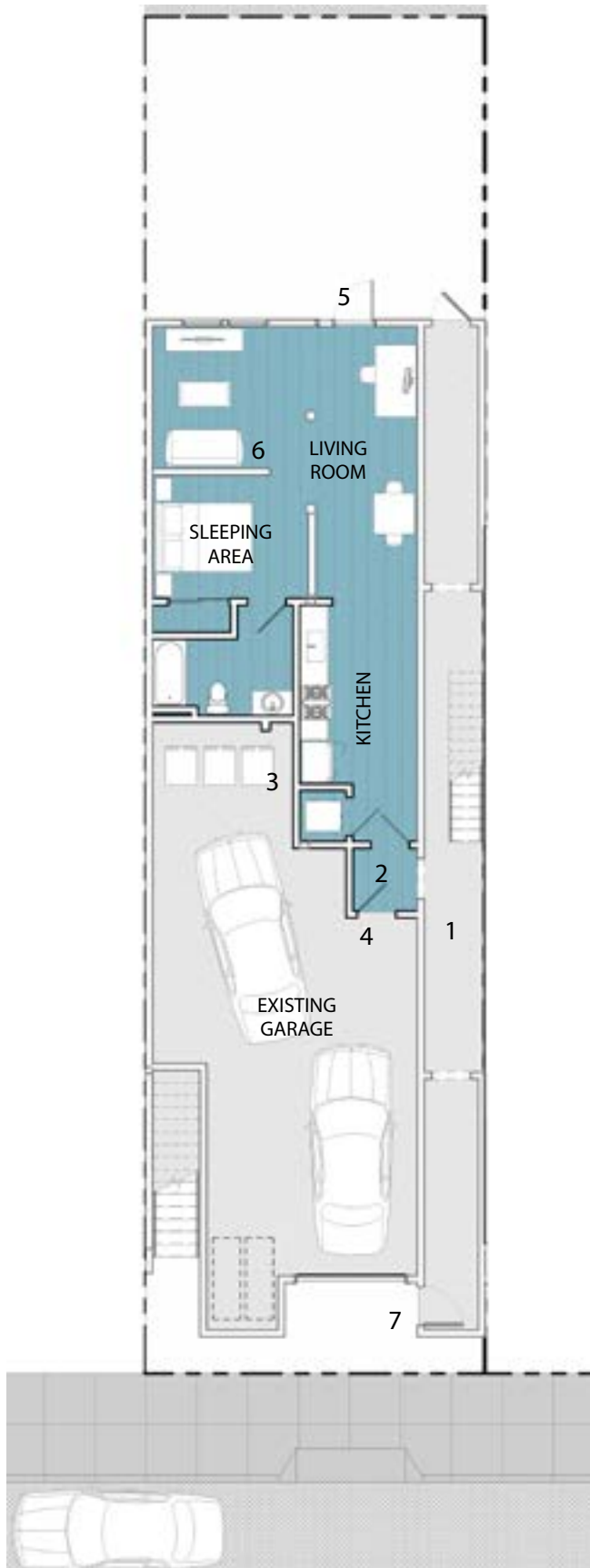
This prototype covers another very common San Francisco housing type- a modest two-unit building consisting of two flats over an open one-story ground floor garage. The garage is typically large enough to park two cars in tandem and still have room for storage along the rear wall. A narrow side yard often provides access from a tradesman door to the backyard. The units above may extend over a portion of the side yard, but much of it is open to the sky and functions as a lightwell. There is a single shared entry stair leading up from the street to a common landing at level two. Access to the upper flat continues up a second interior stair. There is often a secondary stair near the rear of the building that gives one or both of the units access to the rear yard and side yard/lightwell.



Existing Ground Floor Plan

Existing Building

- Two existing units
- Three stories
- Open ground floor garage
- Rear yard that is level enough to permit windows to be placed in the back wall of the ground floor
- Side yard lightwell suitable for use as an exit



Ground Floor Plan

ADU Strategy

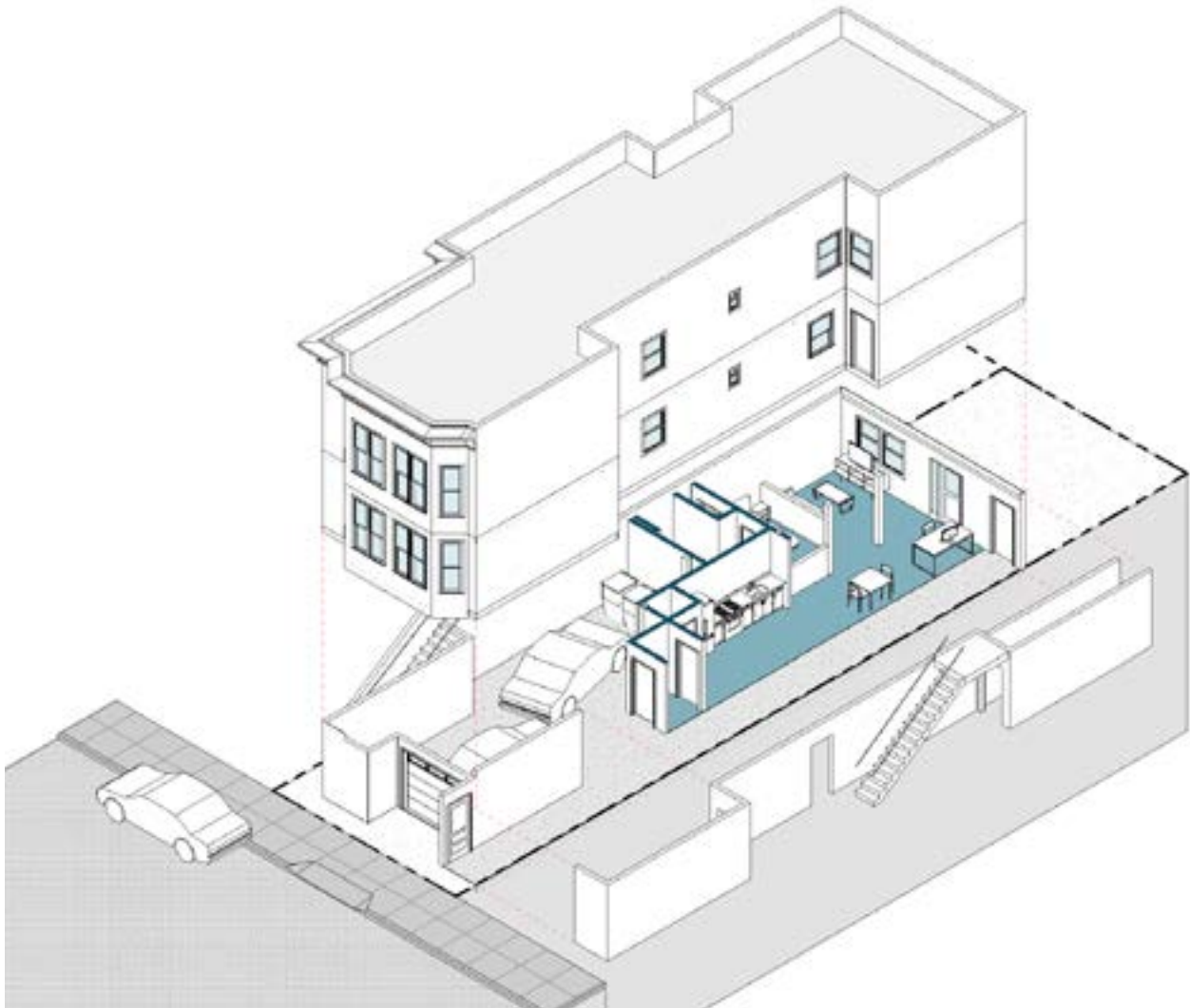
This ADU is located behind the garage in a small two unit apartment building.

In order to maintain at least one on-site parking space, the ADU is placed in the rear portion of the ground floor. Depending on the overall footprint of the building, and the layout of utilities and structural columns in the garage, it may still be possible to accommodate two tandem parking spaces even with the ADU in the rear.

This scenario assumes the new ground floor unit will have a readily accessible exit path through the side yard and tradesman door.

ADU PLAN

1. Lightwell with upgraded fire-resistance, as required, and clearance to function as an Exit Court
2. Vestibule to separate ADU from the garage
3. Fire-rated wall between the unit and the garage (and a rated ceiling to separate from the unit above).
4. Fire-rated door between the unit and the garage
5. Emergency escape and rescue opening from the sleeping area to the rear yard that is at least 50' deep
6. Sleeping area shares natural light and ventilation with the main living space by using partial height walls to maintain an open atmospheric connection to the living area.
7. Existing tradesman door that provides at least 32" of clear opening width. Consider orienting the door parallel to the street.



Ideally, the path is at least 36" wide and without obstructions that would interfere with the Fire Department moving equipment and personnel through the space in an emergency.

The side yard in this prototype results in a narrow building footprint compared to the other prototypes. A common strategy to maximize natural light and ventilation for the living and sleeping spaces is to bring the kitchen and bathroom away from the exterior walls into the middle of the building. This prototype puts the bathroom behind the living

space and adds a partial height wall between the living and sleeping spaces to share light from the back windows between the two areas. The interior stairwell allows the upper units to have access to the shared open space (ie, the rear yard).

Primary Considerations

Occupancy Change: As mentioned in the Building Code Overview section, adding a third unit to a two-unit building requires changing the occupancy classification from

R-3 to R-2. The Fire Department will be included in the permit review for this project, and this change in occupancy may entail a number of additional code-required elements that would not come up when adding a unit to a single-family home.

Exiting & Fire Ratings: Since the lightwell will also serve as an exit path for the new unit, it is likely that the Building Department and Fire Department will require more fire-resistant construction for at least a portion of this area (from the exit door to the street, for example). This would involve adding layers of gypsum board to the walls to create fire-rated assemblies. The lightwell has, in effect, become an Egress Court (a court or yard that provides access to a public right of way for one or more exits) for purposes of Building Code compliance, and any windows and doors in the new unit that open into the lightwell may need to be fire-rated as well.

The other area that would likely require an upgrade to the fire rating would be the ceiling of the new unit and garage. The ceiling of the entire ground floor may be required to be finished in additional layers of gypsum board in order to increase the fire resistance of the separation between both the existing units above and the entire ground floor.

Walls that separate the garage from the new ADU also need to be fire-rated, and a fire-rated door is required between the unit and garage. It is important that any door that leads to the

garage not open directly into the space that is directly connected to a sleeping room. In this case, we have introduced a small vestibule that functions as entry to both the unit and the garage, and mitigates the separation requirement. This door to the vestibule also needs to be fire-rated.

If the tradesman door opening is too narrow to safely accommodate the exit path (less than 34" wide), a new door may need to be installed - either in place of the existing door, or at a new location. In this case, the project will need to be reviewed with the Planning Department to ensure that zoning code compliance, and any concerns over preserving the potential historic character of the structure are addressed. Similar to Prototype A, a new dedicated hall may need to be added if there is no suitable exit path in the existing configuration. Refer to Section Two for additional information about building code requirements.

Fire Sprinklers: The common fire protection systems reviewed in Section Two, including fire sprinklers, will be required in the new dwelling unit. This should be discussed at the Pre-application meeting.

Seismic Resistance Upgrades: The lateral force resisting capacity of the building will need to be upgraded per the San Francisco Existing Building Code requirements.

VARIATIONS

See the “Variations” section for Prototype A.

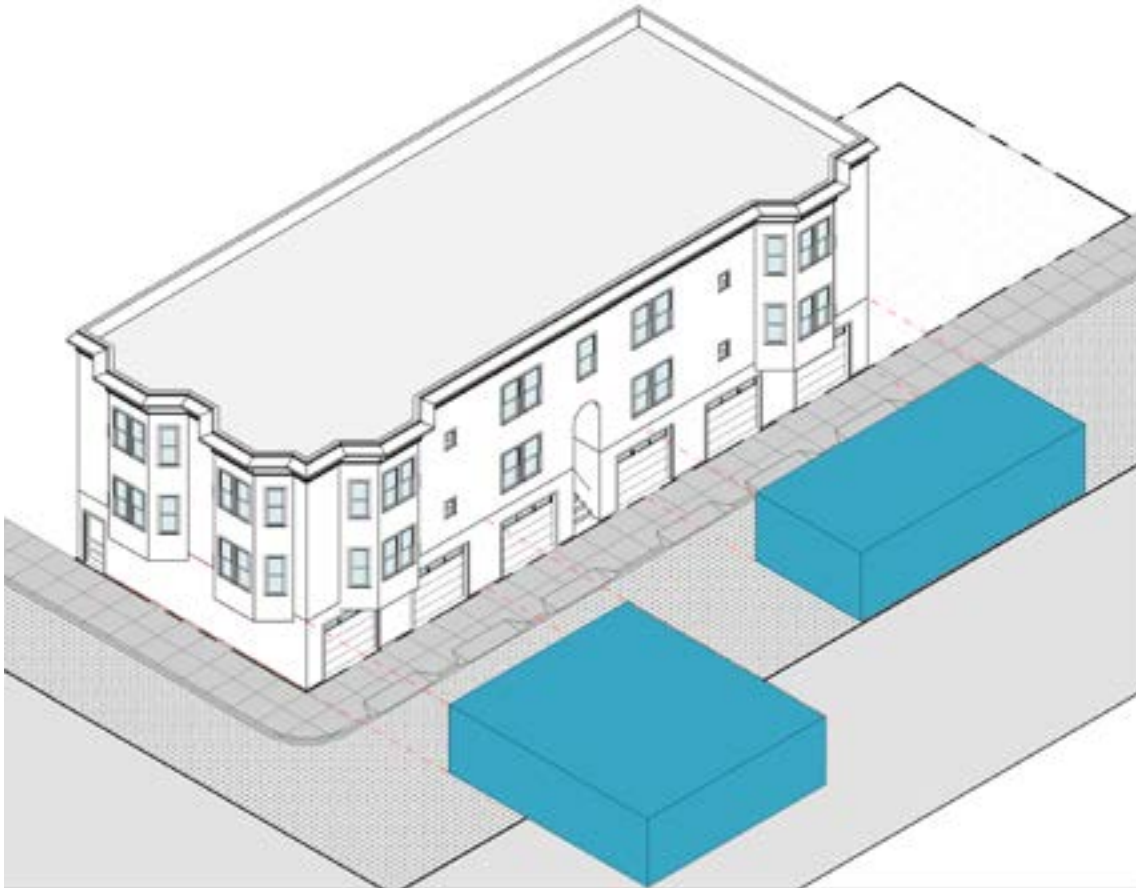
Please note that since September 2018, additions are now permitted to multi-unit buildings to incorporate the ADU as long as the addition does not increase the height of the building and is within the buildable area of the lot, as discussed in Section Two.



PROTOTYPE C

Partial garage conversion of a larger apartment building



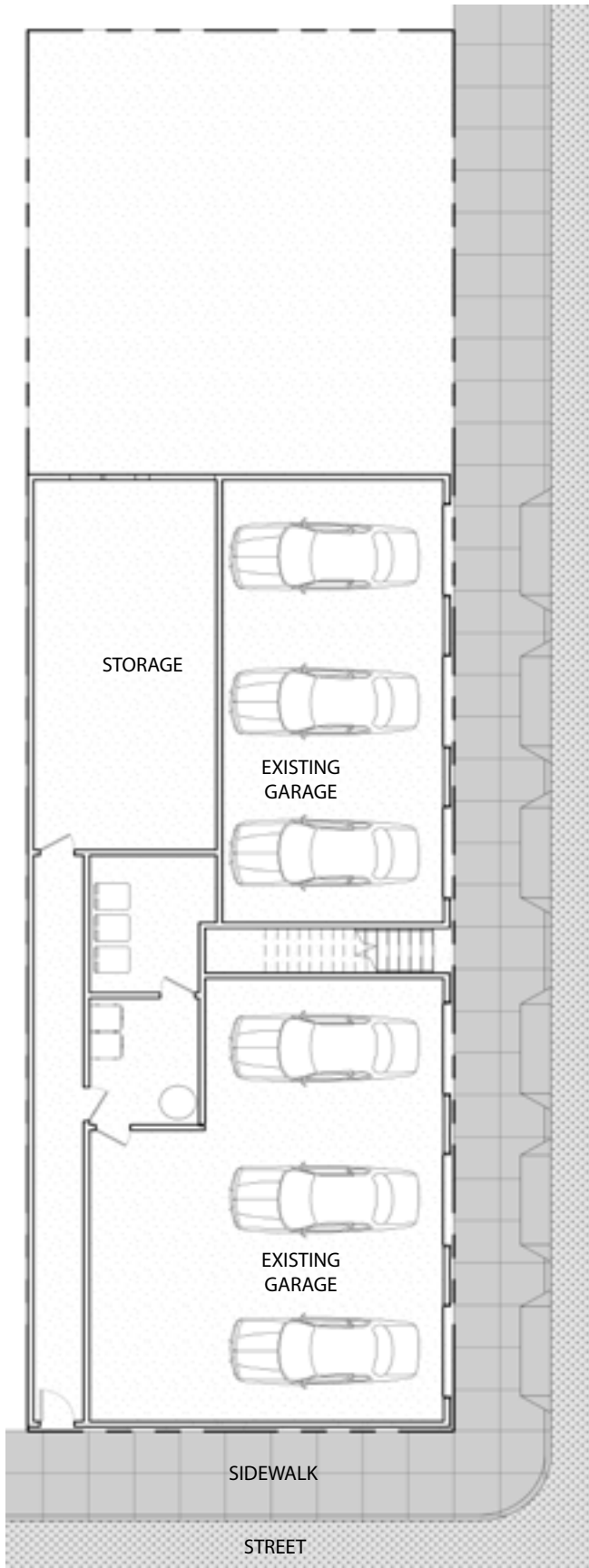


Existing Building

This model takes place in an older low-rise apartment building, common throughout much of the City. These are typically three or four stories and have at least six units. They are often found on corner lots, and may have quite a few parking spaces immediately adjacent to the sidewalk - with the cars either concealed behind separate garage doors or exposed in open carports.

SOFT STORY LEGISLATION

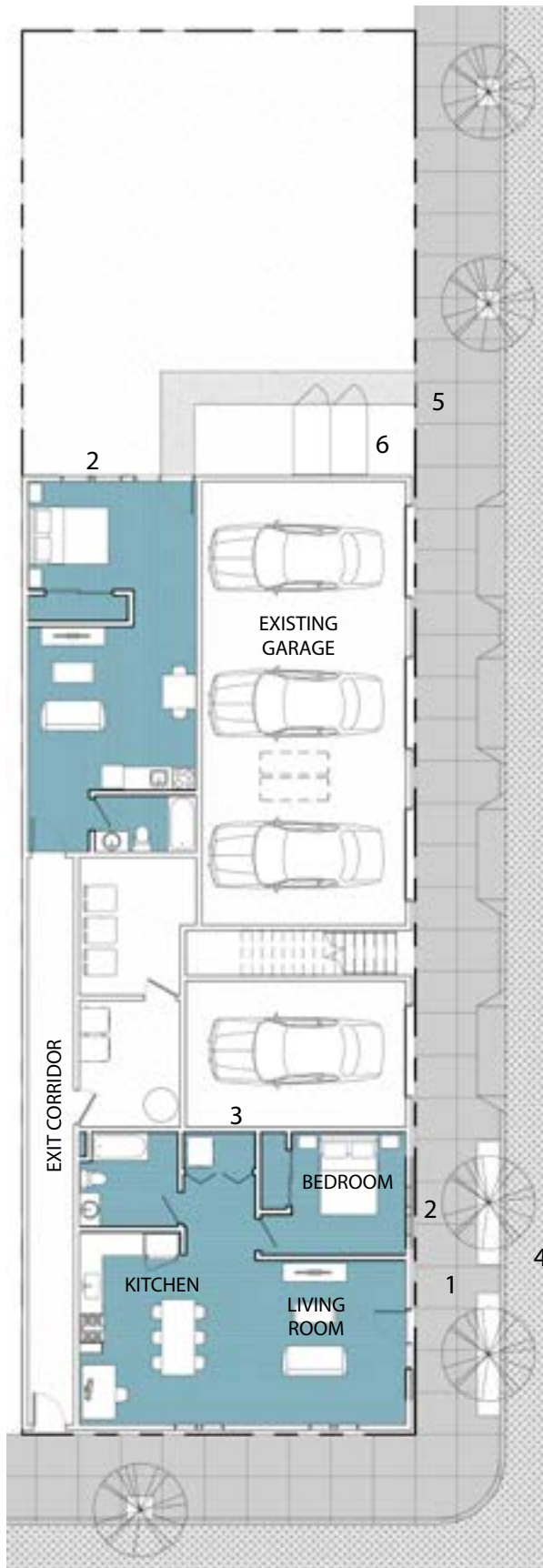
Many of these buildings have been identified as 'soft-story' structures under the City's Earthquake Safety Implementation Program, and may be impacted by the Mandatory Soft Story Retrofit Ordinance passed by the San Francisco Board of Supervisors in 2013.



Existing Ground Floor Plan

Existing Building

- Three or four stories
- Generally at least four units
- The ground is almost exclusively dedicated to car parking
- Each parking space typically has its own driveway
- Often on corner lots, but they are found mid-block as well



Ground Floor Plan

ADU Strategy

This ADU project is a modification of an apartment building with ground floor parking. One new ADU has been placed on the corner in this design to take advantage of windows on two sides, with the living room and kitchen extending nearly the full depth of the building.

A single parking space may be smaller than the 220 square foot minimum required for an Efficiency Unit. If there is not sufficient area in and around the parking space to accommodate the unit, two on-site parking spaces may need to be combined - as is shown in this corner ADU example. Curb cuts will need to be removed from in front of the existing garage doors.

The other ADU takes advantage of underutilized storage space facing onto the rear yard.

ADU PLAN

1. Replace garage door(s) with swing doors and windows.
2. Provide the bedroom and other sleeping spaces with adequate access to windows on an exterior wall for light and ventilation and for use as emergency rescue openings.
3. A fire-rated wall and ceiling is required between the new ADU and any garage or storage space and units above.
4. Remove the existing curb cuts.
5. Dedicated pathway for the ADU directly out through rear yard to street.
6. Outdoor bicycle storage locker to meet bicycle parking requirement.



Primary Considerations

Design & Preservation: Adding an ADU in this prototype results in changes visible from the street. Historic preservation review may be required if the building is identified as historically significant or potentially significant as described in Section Two Design & Preservation.

Fire Department Review: As this unit is being added to an apartment building that already has over three units, there is no change of occupancy per the Building Code. The Fire Department will still be involved in the plan review and should attend the pre-application meeting, but many of the issues related to the Change of Occupancy in Prototype B are eliminated when adding units to larger buildings.

Fire Ratings: As with other prototypes that insert a dwelling under existing habitable space, the floor/ceiling that separates them will need to be fire-rated. The fire sprinkler system will need to

be expanded to include the new unit, and the building's fire and smoke alarm system will need to include the new living space as well, or be installed in the building.

VARIATIONS

ADUs Not Fronting a Sidewalk in a Multifamily Building

In some apartment buildings, the ADU will not have a door leading out to the sidewalk, but will be located further back in the building. If this is the case, the new ADU will still need to have access to light and air from an exterior wall and will require a corridor for exiting to the street. Review the “Exiting” section for Prototypes A and B for additional information.

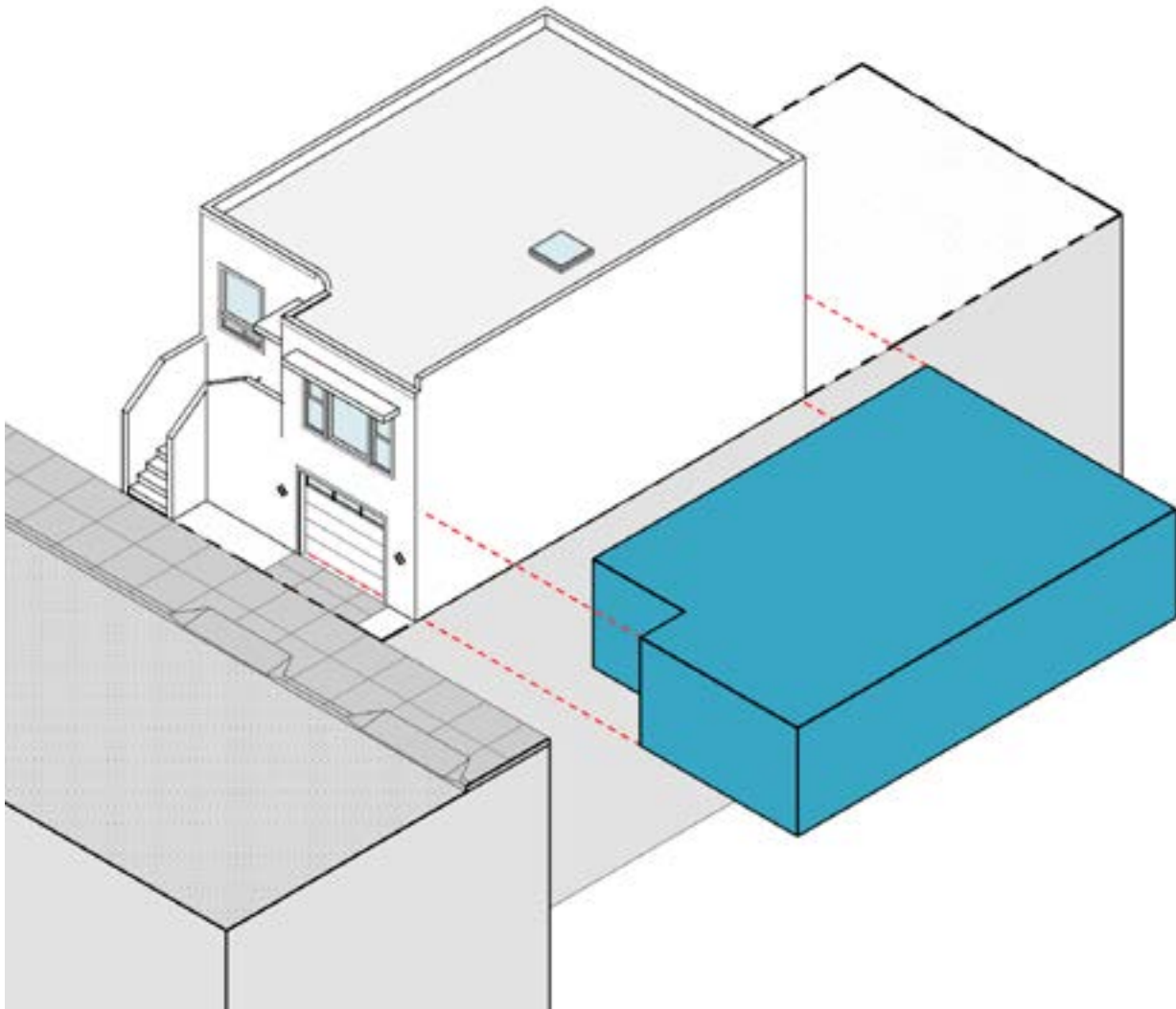
Low Ceilings

Even on flat lots, many garages in apartment buildings are built with lower ceilings than what is typical for a living space, especially in older buildings. If the ceiling is not at least 7'-6" high, the floor will need to be excavated to provide additional headroom. This means that the new ADU will have a floor below street level, requiring steps to access the door. The rest of the ground floor will need to stay at its original level if it is going to be maintained as a garage. The building could also be lifted to accommodate additional headroom but in many cases this will be impossible for technical reasons or be prohibitively expensive.



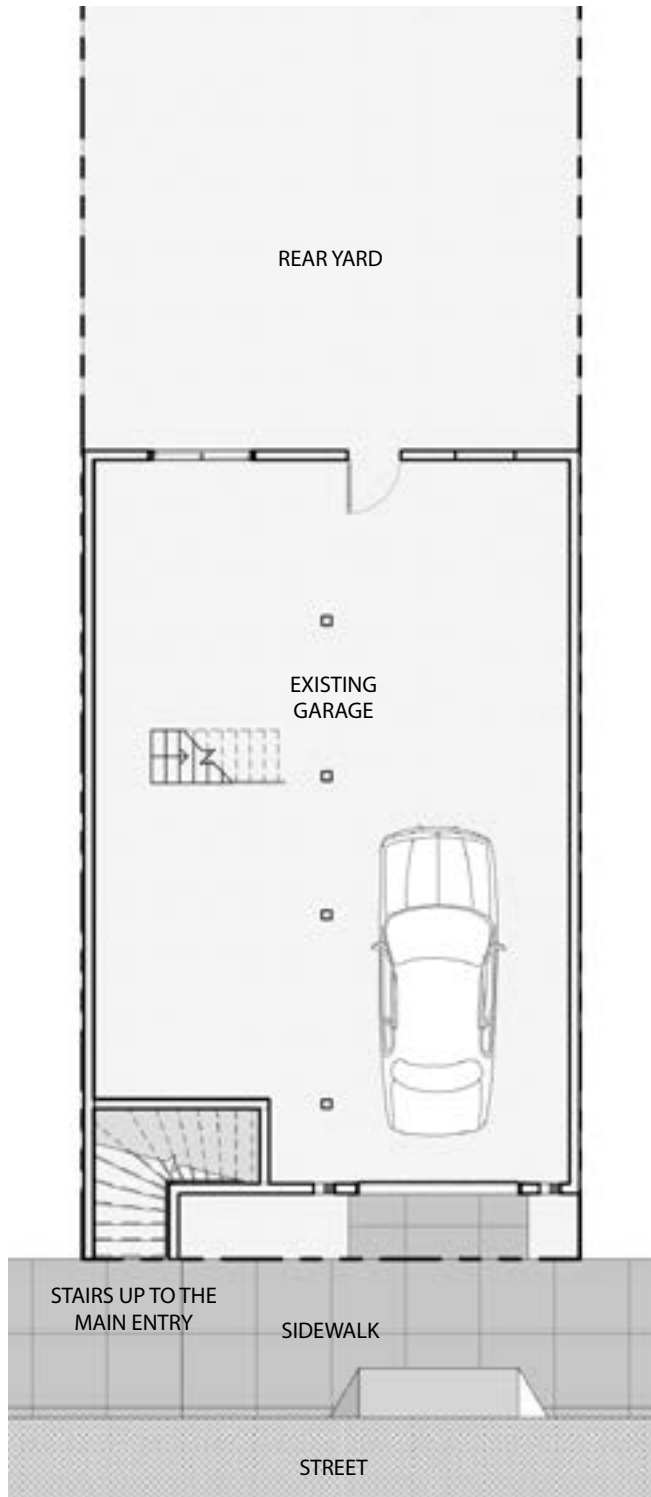
PROTOTYPE D

Full garage conversion of a single-family home
with an open ground floor



Existing Building

Similar to Prototype A, this type covers a single-family residence that is common throughout many parts of the City, but it is different from Prototype A in that the new ADU would cover the entire ground floor for the new dwelling unit. This prototype represents a common Junior-5 plan which is shallower (typically only 35' deep) than the larger barrel-front and patio-plan homes represented in Prototype A. These smaller footprints tend to be represented in a slightly newer housing stock, with variations on this type being common from the 1940's onwards.

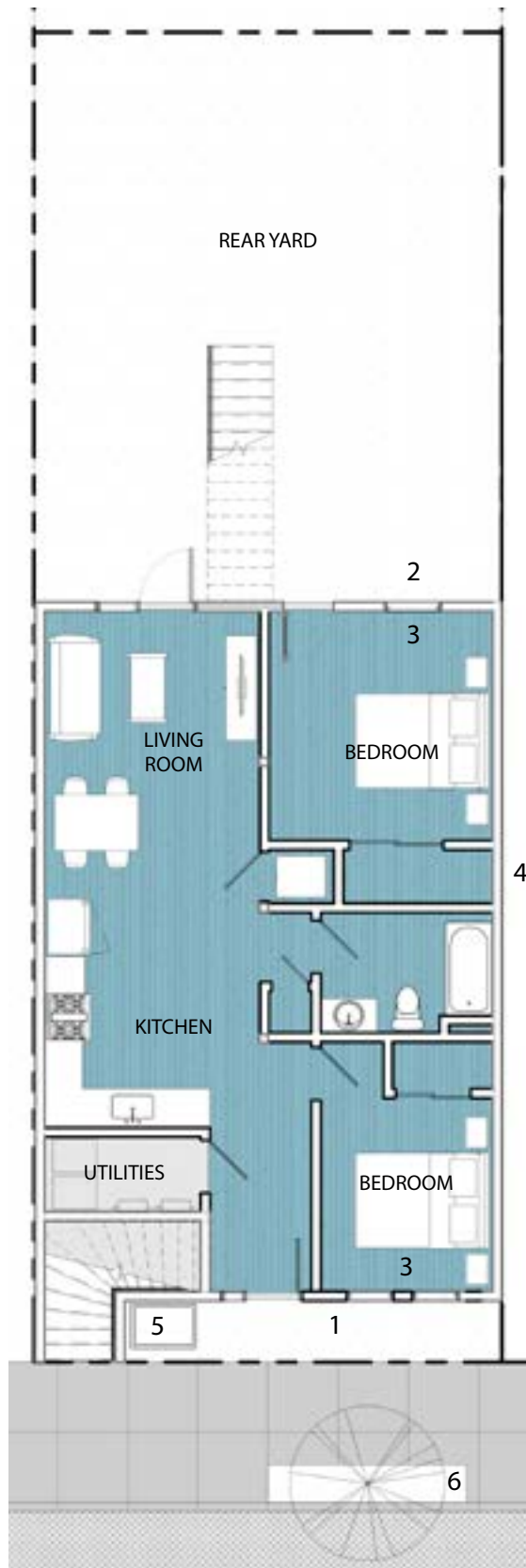


Existing Ground Floor Plan

Existing Building

- Single-family residence
- Two-stories
- Open garage at the ground floor
- Rear yard that is level enough to permit windows to be placed in the back wall of the ground floor
- No side yard
- No tradesman door

This prototype usually lacks an existing tradesman door and the main entry stair cuts across the front of the house. These two features would make it challenging to add a new hallway and entry door and still preserve a parking space in most circumstances. Other prototypes more easily allow adding a unit at the rear of the garage while preserving an on-site parking space.



Ground Floor Plan

ADU Strategy

This prototype is located on the ground floor of single family home. It utilizes as much of the ground floor as possible, while allowing space for the furnace and water heater that serve both this unit and the original unit. It is well suited to creating a two-bedroom unit.

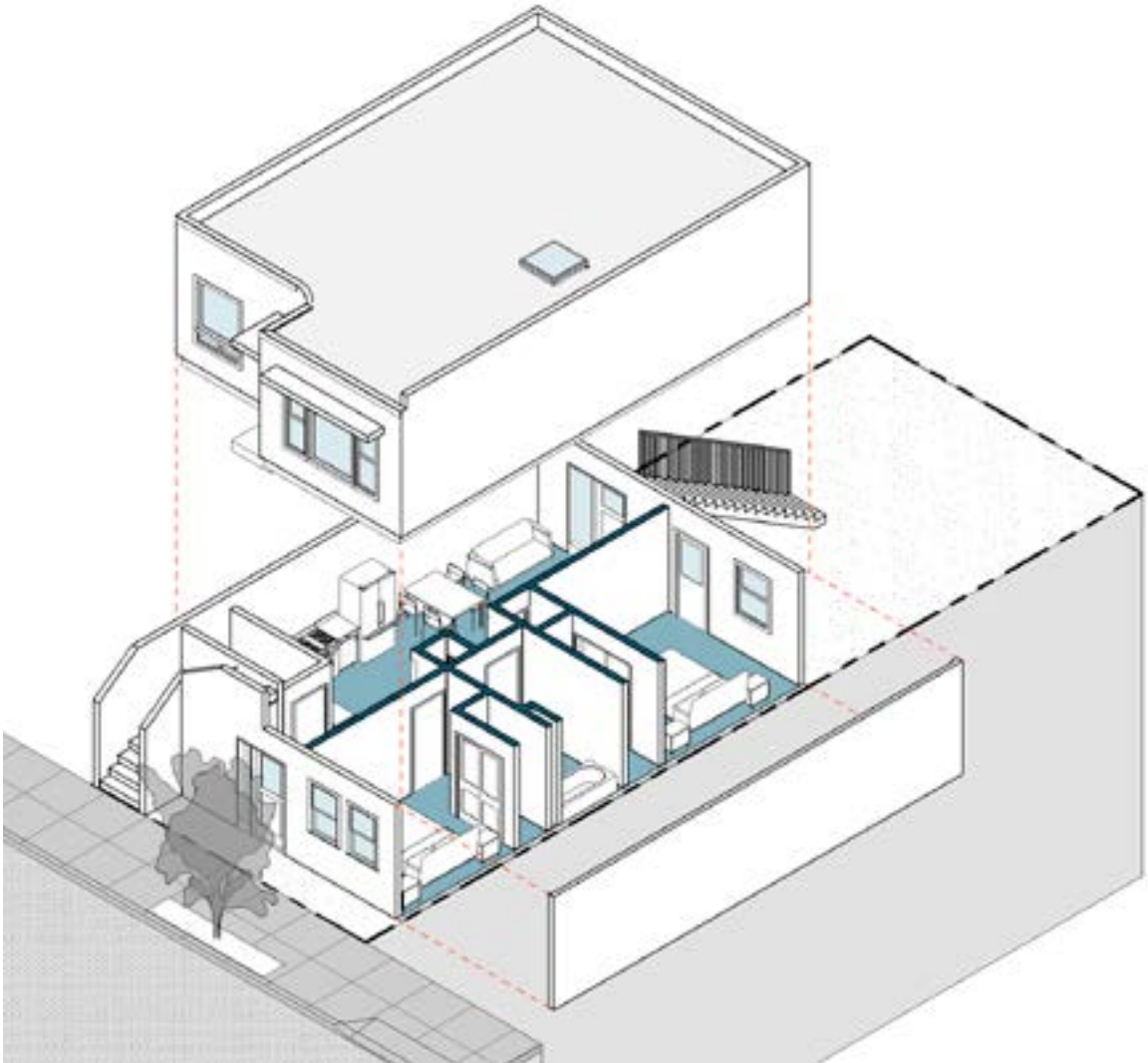
This particular layout assumes a relatively quiet street that would allow for a second bedroom next to the sidewalk. Other variables such as rear yard amenities, views, and sloped sites could suggest different arrangements of living room, kitchen and bedrooms.

Primary Considerations

Existing Building: There is usually an interior stairway that leads from the upstairs living spaces down to the garage, and this will likely be removed with the addition of the unit downstairs.

ADU PLAN

1. Replace the garage door with a swing door and windows.
2. Ensure that the sleeping spaces have access to a rear yard that is at least 25' deep.
3. Each bedroom has access to natural light, and the possibility of operable windows for ventilation.
4. Walls that are within 3' of the property line (unless on a street) need to be fire rated, and should be reviewed in the pre-application meeting.
5. New screening enclosure for trash, recycling, and compost toter receptacles.
6. Remove the existing curb cut.



Design & Preservation: Adding an ADU in this prototype results in changes visible from the street. Historic preservation review may be required if the building is identified as historically significant or potentially significant as described in Section Two Design & Preservation.

Fire Sprinklers: The common fire protection systems reviewed in Section Two, including fire sprinklers, may be required in the new dwelling unit.



Photo of a Garage Conversion Exterior

VARIATIONS

Sloped Lots or Low Ceilings

Many garages in single family homes are built with lower ceilings than what is typical for a living space, especially on sloped lots. If the ceiling is not at least 7'-6" high, the floor will need to be excavated to provide additional headroom.

Extension of the Footprint

Because the primary residence for this prototype is smaller than the other prototypes, some homeowners may wish to expand the building's footprint to the rear for additional floor space on both floors. Some owners may want to keep one parking space. This could mean expanding the building footprint to the back to account for the space needed for parking at the front while still having enough room for a new ADU.

Expanding the footprint usually triggers neighborhood notification. See the sections in Section Two dealing with setbacks, neighborhood notification and residential design guidelines.



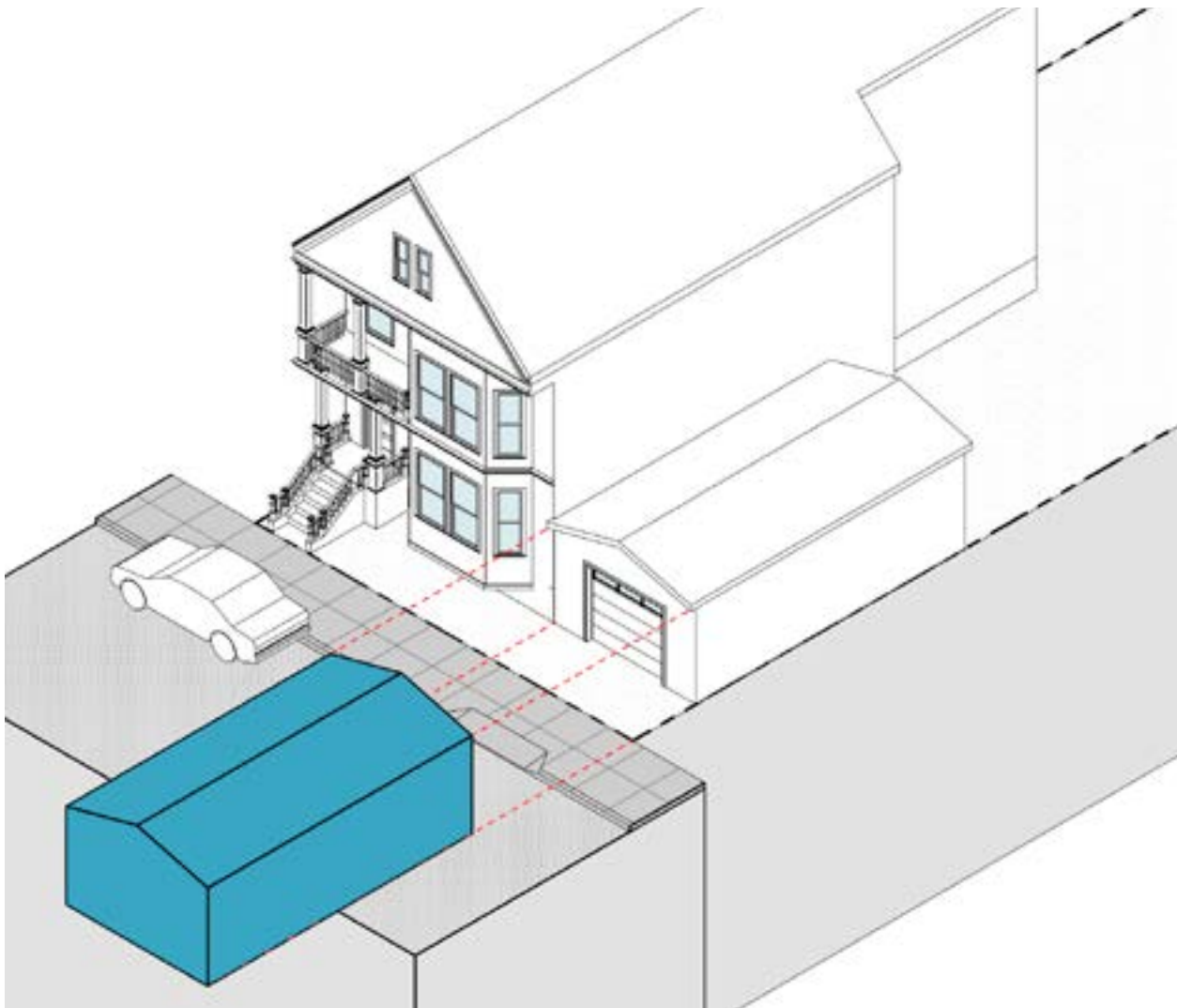
Variation of the ADU Plan for Prototype D, showing an extension into the rear yard.



PROTOTYPE E

Full conversion of a free-standing garage

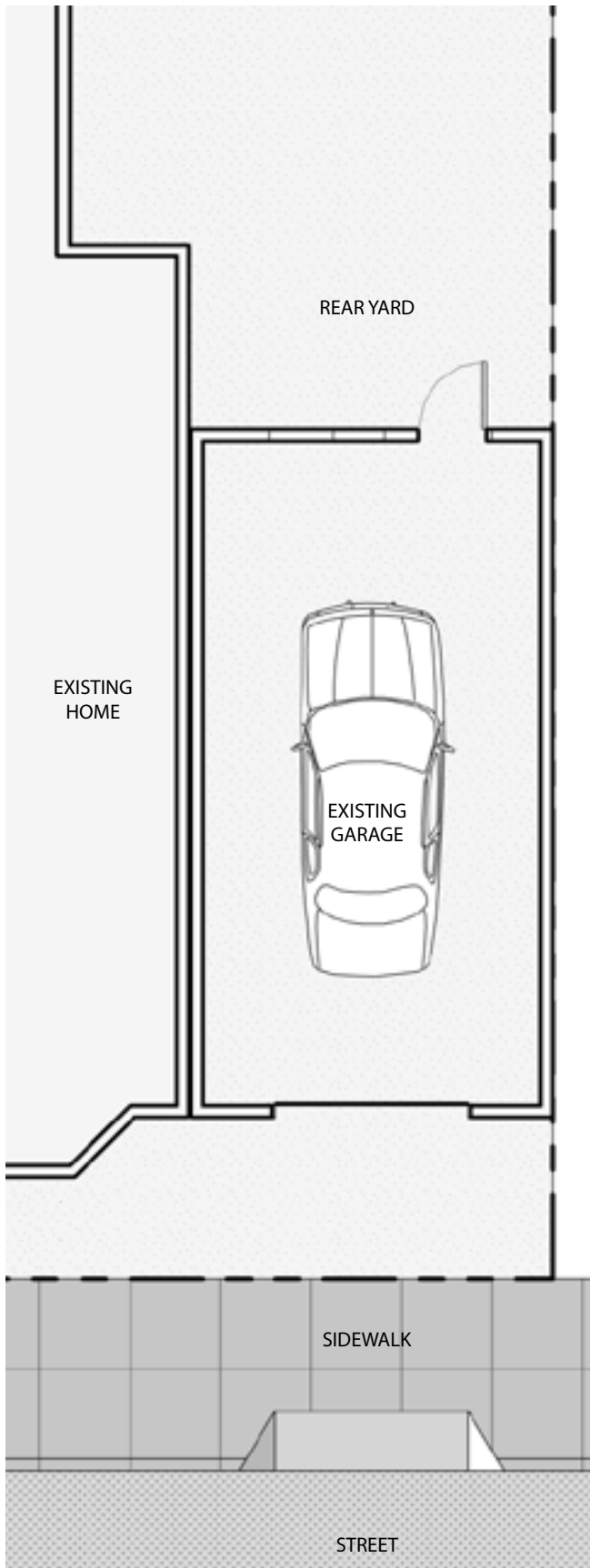




Existing Building

In San Francisco, it is not uncommon to find a small free-standing one-story garage built adjacent to the main house. The garage is usually built near the front property line, and typically has a large set of carriage doors, or a newer upward-acting door, as the only way into the garage from the sidewalk.

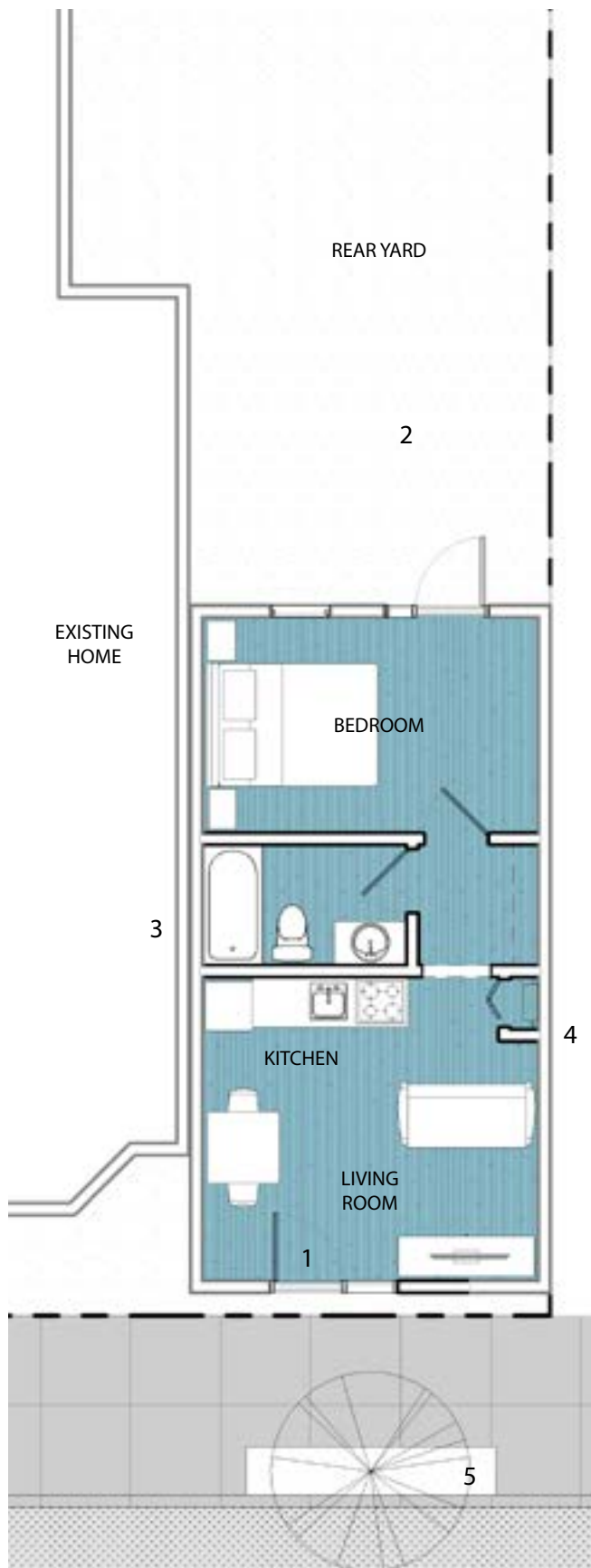
Having sufficient headroom in the existing garage is quite important in this scenario. Excavation or building a new roof will be required to create at least 7'-6" of headroom if it does not already exist.



Existing Ground Floor Plan

Existing Building

- Single-story free-standing garage
- Open access to the rear yard
- Sufficient headroom to not require substantial excavation and foundation work
- Floor area adequate to accommodate at least a 220 square foot efficiency studio (otherwise the garage will need to be expanded to at least this size).



Ground Floor Plan

ADU Strategy

Free-standing garages that have adequate headroom without the need for significant structural modifications are often well-suited to conversion to an ADU. These garages are often quite small and the floor area available to use for living space may be limited. There may be ready access to natural light from the front and rear - as well as an option for skylights. Access to the ADU is often easy to achieve directly from the sidewalk, but a new swing door must be added to the front of the structure to provide a safe means of entry and exit. Supporting components such as bicycle parking spaces, if required, and dedicated space for toters are included in the main structure.

ADU PLAN

1. Replace the garage door with a swing door and windows.
2. Ensure that the sleeping spaces have adequate access to a rear yard at least 25' deep, or have access to a public way.
3. Review the fire-rating requirements for the walls between the two structures.
4. Walls that are within 3' of the property line (unless on a street) also need to be fire rated, and should be reviewed in the pre-application meeting.
5. Remove the existing curb cut.



Primary Considerations

A small one-bedroom or efficiency studio is typically all that can be accommodated in a free-standing garage, unless the footprint is expanded (see “Variations”).

Design & Preservation: Changing the front of the garage to install the swing door will create a change visible from the street. Historic preservation review may be required if the building is identified as historically significant or potentially significant as described in Section Two. However, as noted, these changes are common when converting a

space into a residential use.

Exiting & Fire Ratings: If there is no access to the street, compliance with the emergency egress opening requirements may dictate that the sleeping space be located with direct access to the sidewalk, (rather than to the rear yard as shown in our example) unless the yard is deep enough to provide a safe refuge (typically over 25’ from the building).

Since these are two separate buildings on the same property, the fire-rating requirements of the walls between the primary residence and the garage/dwelling unit need to be reviewed

as part of the pre-application meeting.

Fire Sprinklers: The common fire protection systems reviewed in Section Two, including fire sprinklers, may be required in the new dwelling unit.

VARIATIONS

Studio Unit or Footprint Expansion

In the case of having no rear yard access and/or a very small building footprint, an efficiency studio may be the best option. If you have space to expand, you may want to consider enlarging the existing building. Read the sections on Setbacks, Neighborhood Notification and Historic Preservation in Chapter Two to understand what an expansion would involve.



Carriage House Variation

Carriage House

Rather than replacing the parking space with a unit, it is not uncommon to see a small unit placed on top of a free-standing garage. A small exterior staircase typically provides access to the rear of the carriage unit.



Front Yard Garage

Front Yard Garage

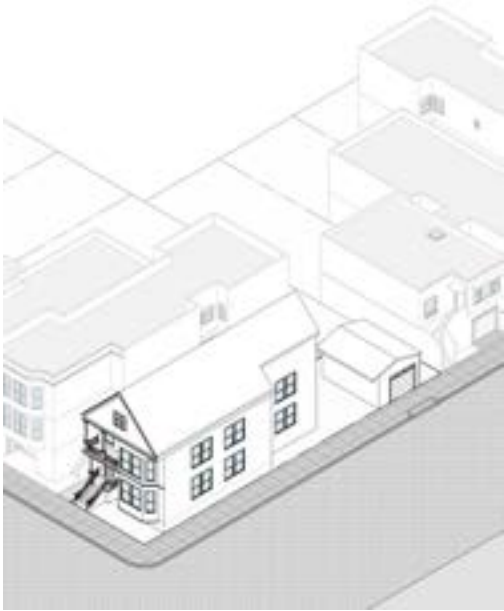
San Francisco has many homes where the free-standing garage sits in front of the main house. Many of the same issues apply, but the unit will need to be planned to get light and ventilation from the front of the garage (and possibly the side wall as well, if one is open). This would most likely be a studio unit, or a unit where the light and ventilation is shared across rooms.



Rear Yard Converted Garage on a Corner Lot

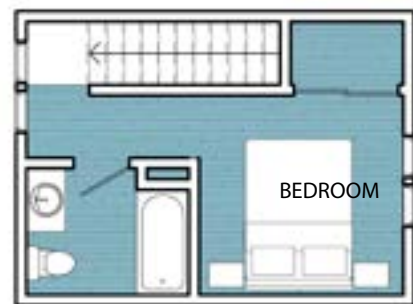
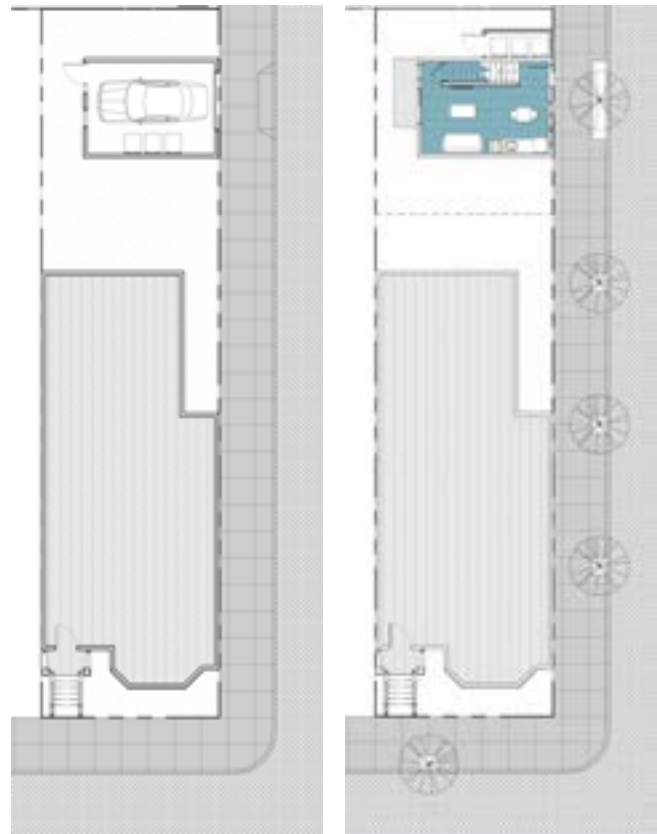
Rear Yard Structures

When the home is on a corner lot, in some cases the structure, workshop, shed, garage, is technically in the rear yard of the parcel. These structures in rear yards may be converted into an ADU through the rear yard waiver, as discussed in Section Two. See the next page for more discussion about corner lots.



Corner Lot

These corner lots, where the one-story garage is technically in the rear yard, are eligible for certain expansions when incorporating an ADU. In these scenarios, the structure may be expanded within its existing footprint by up to one additional story in order to create a consistent street wall and improve the continuity of buildings on the block.

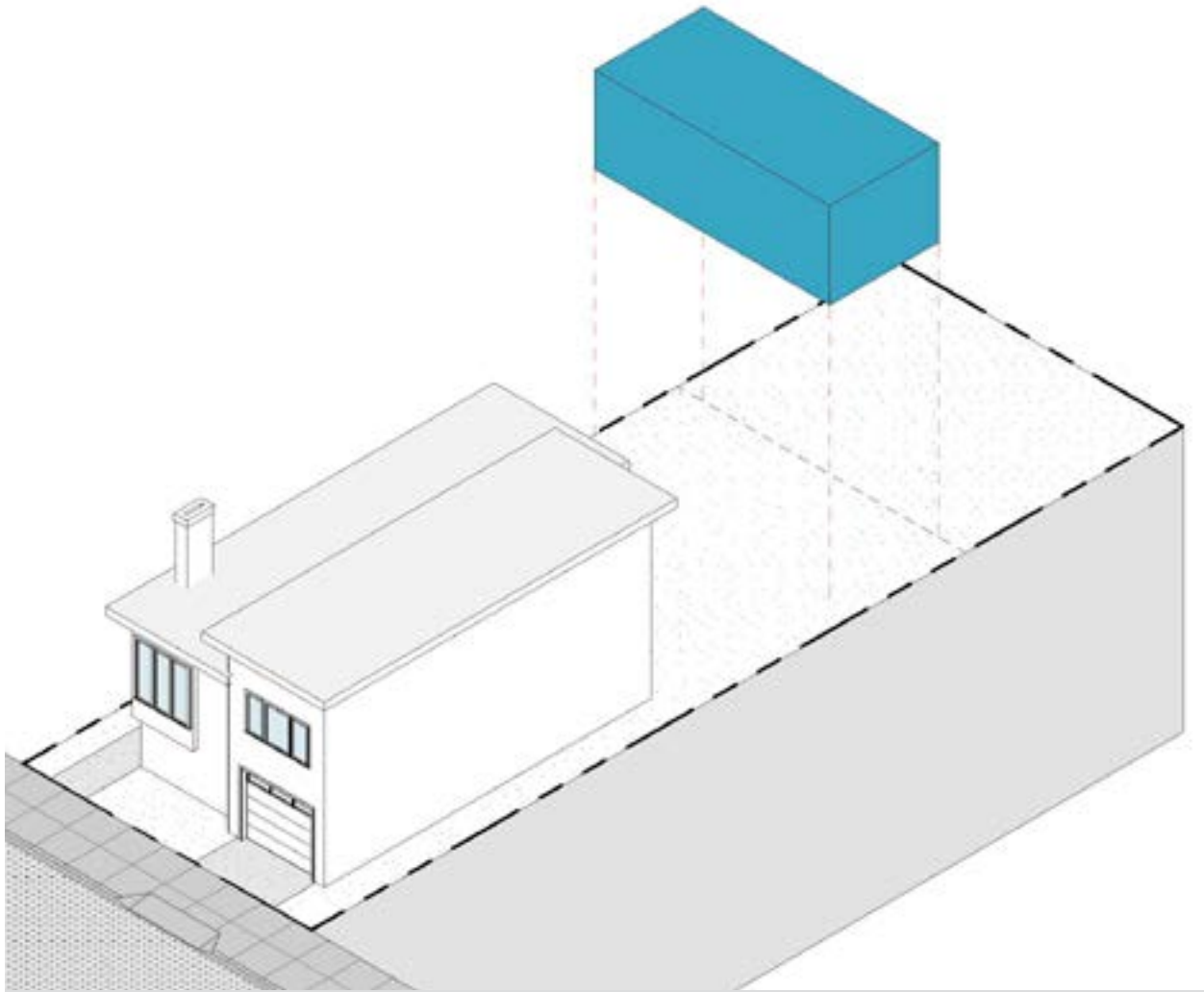




PROTOTYPE F

Construction of a new free-standing rear-yard dwelling unit

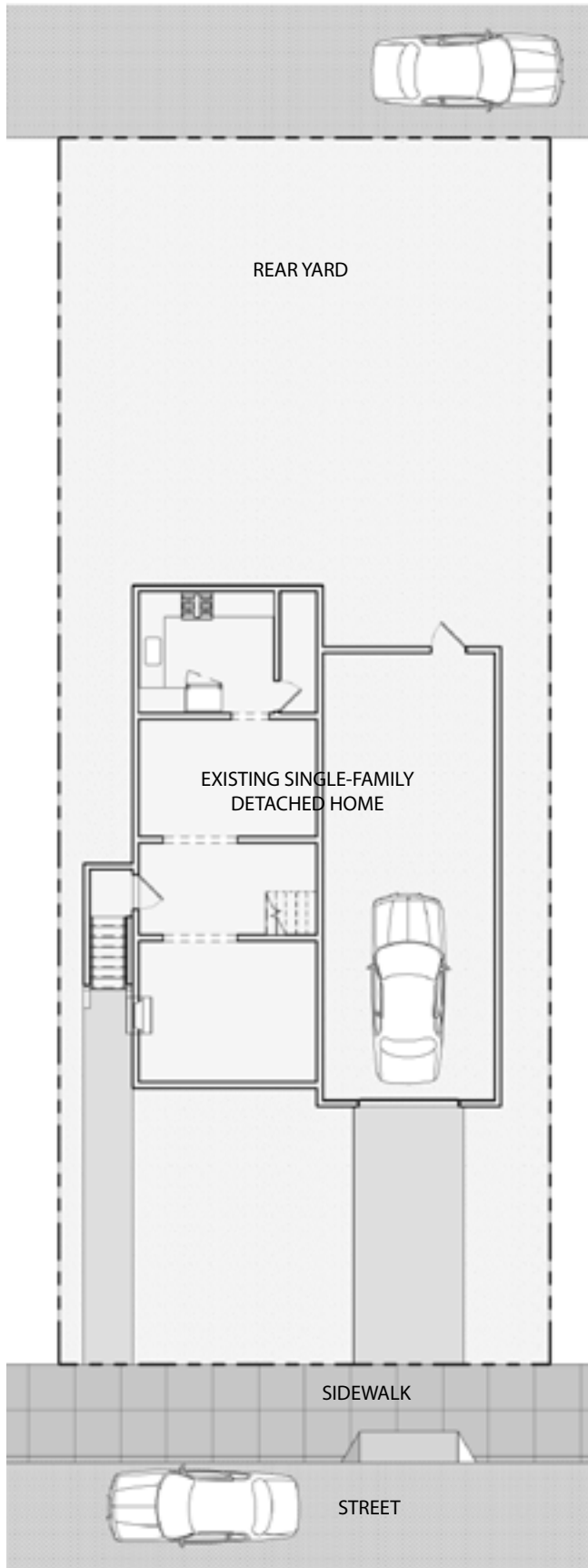




Existing Building

The existing configuration is a detached single-family house on a double-frontage lot.

Please note that the option to construct new building in the required yard for an ADU is not currently permissible in San Francisco. See Variation in this Prototype F for allowable option for new construction for ADU under the Planning Code - within the buildable area of the lot. As noted in Prototype E, existing structures in required yards are eligible for conversion to ADUs through the granting of the waiver for rear yard intensification. Please email CPC.ADU@sfgov.org to learn about proposed legislative changes.

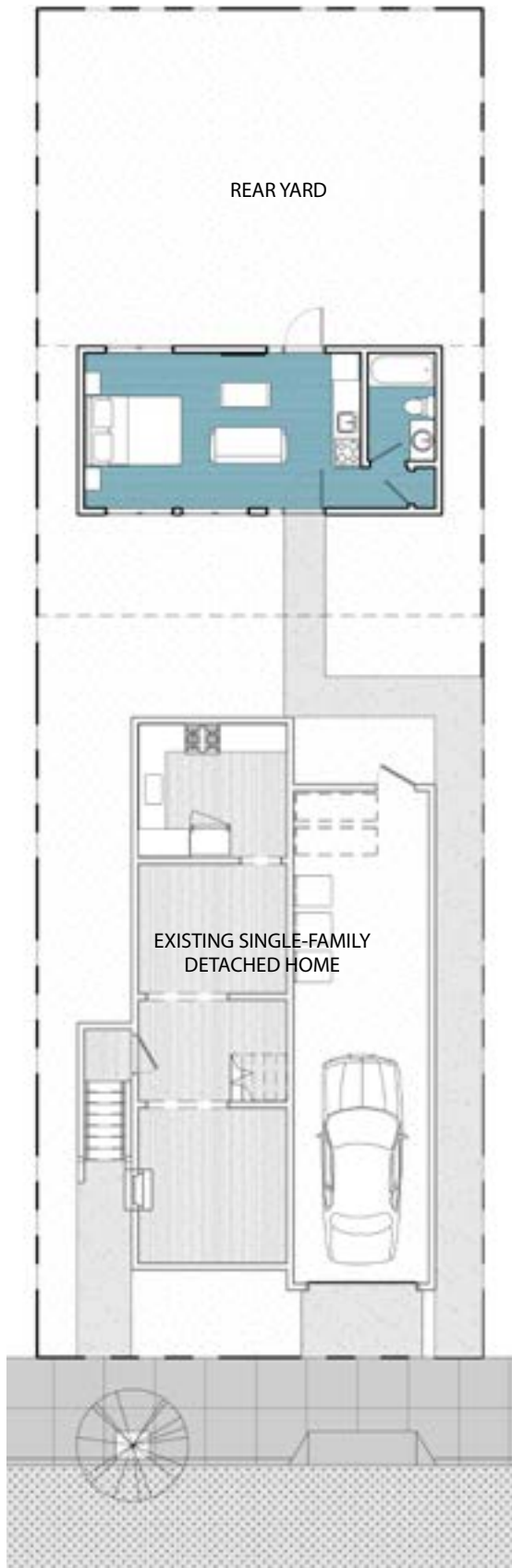


Existing Building

- A parcel with a single family home on a double-frontage lot (there is a street or alley at the back of the rear yard).
- Relatively deep lot.

While there are relatively few detached homes in San Francisco, this is a common ADU type in many other cities.

Existing Ground Floor Plan



Ground Floor Plan

ADU Strategy

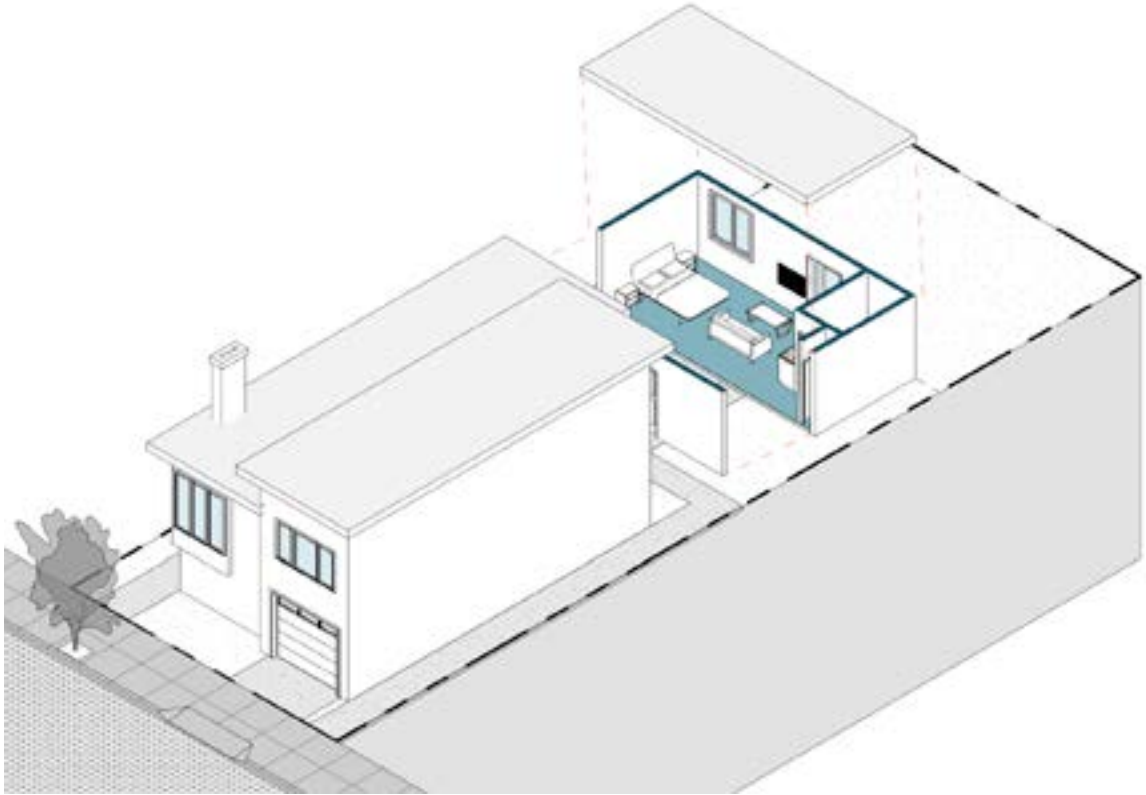
This new dwelling unit is located on a lot with a single-family dwelling with a substantial rear yard. The new structure is placed within the buildable area, or outside of setbacks, as discussed in Section Two. The size of the new structure for the unit is based on the size of the existing yard and a few Codes: enough of the yard must be preserved as dedicated open space for each unit, and the unit must meet minimum dimensions under the Building Code for room width and size.

Lots for detached homes are typically wider than San Francisco's typical 25' residential lot. To take advantage of this, the Prototype ADU has been planned to have light from two sides

Since this ADU is not adjacent to an existing garage space, basement, etc., water heating and space heating equipment will need to be accommodated inside the unit. A mini split heat pump system and tankless water heater work well in small structures like this.

ADU PLAN

1. Demonstrate adequate fire separation is maintained between the existing house and the new ADU.
2. Provide safe path of travel to the street from the ADU.
3. Dedicated pathway from sidewalk to the ADU at minimum 36 inches.



Primary Considerations

Utilities: Extending the water, sewer, and electricity services from the front house to the rear yard will need to be coordinated.

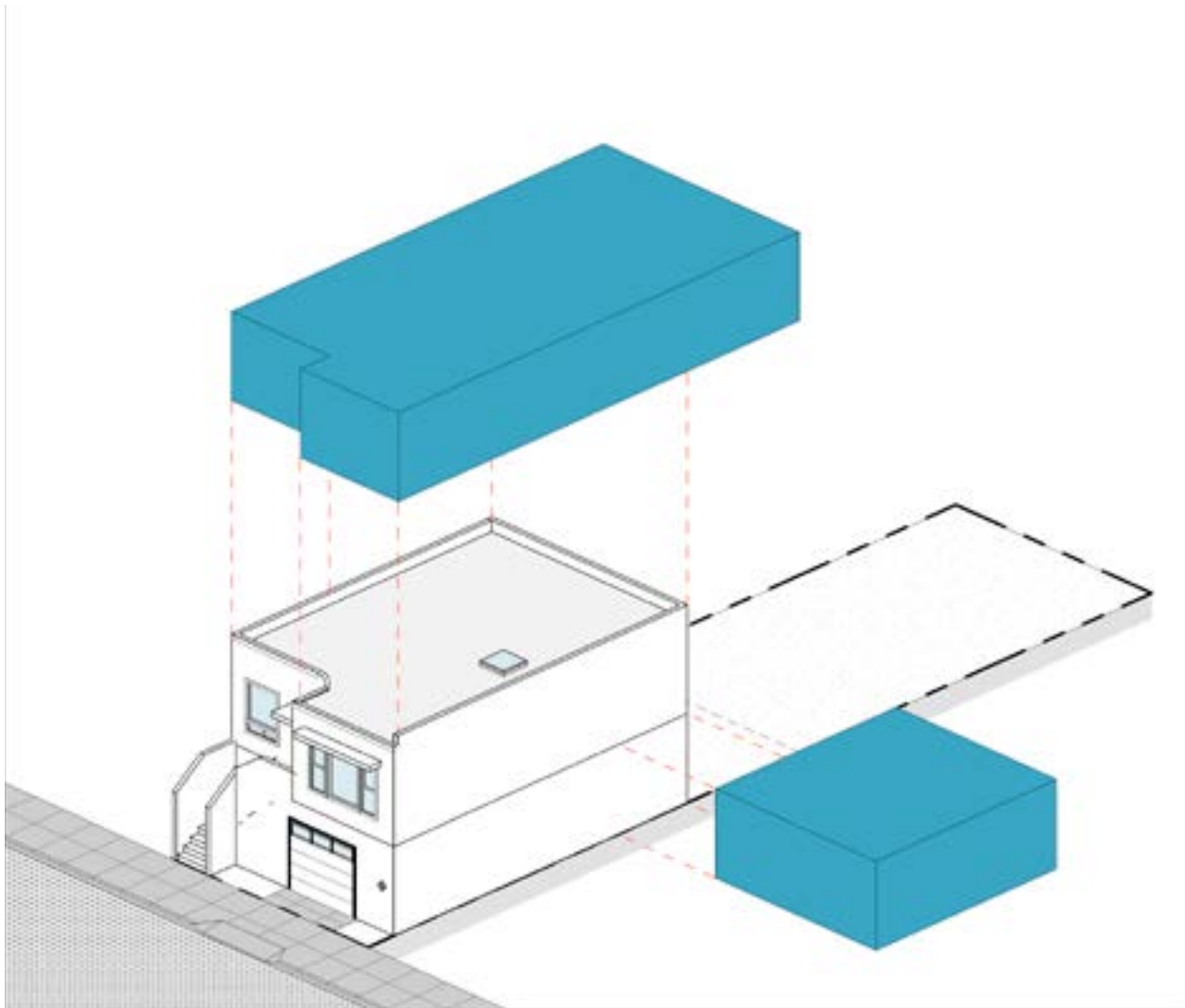
Fire Sprinklers: The common fire protection systems reviewed in Section Two, including fire sprinklers, will be required in the new dwelling unit.



PROTOTYPE G

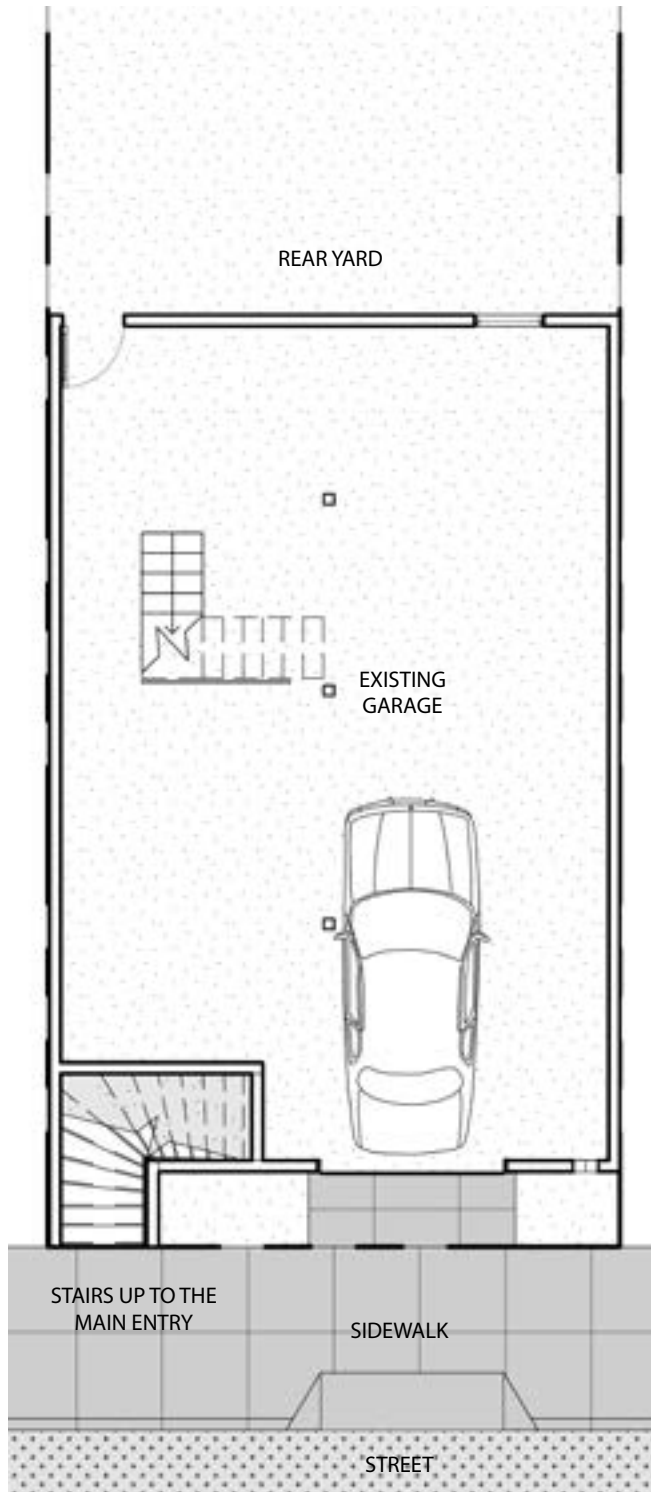
Vertical and horizontal expansion of a single-family home





Existing Building

Similar to Prototype A, this type covers a single-family residence that is common throughout many parts of the City, but it is different from Prototype A in that the new ADU would cover the entire ground floor for the new dwelling unit. This prototype represents a common Junior-5 plan which is shallower (typically only 35' deep) than the larger barrel-front and patio-plan homes represented in Prototype A. These smaller footprints tend to be represented in a slightly newer housing stock, with variations on this type being common from the 1940's onwards.

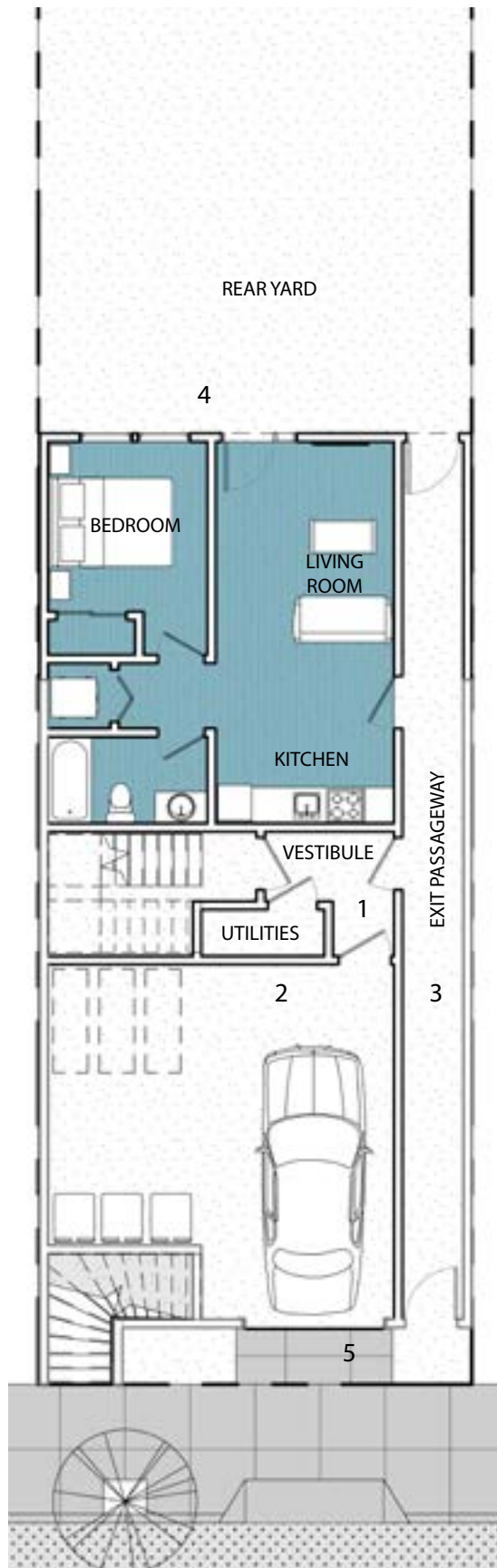


Existing Ground Floor Plan

Existing Building

- Single-family residence
- Two-stories
- Open garage at the ground floor
- Rear yard that is level enough to permit windows to be placed in the back wall of the ground floor
- No side yard
- No tradesman door

This prototype usually lacks an existing tradesman door and the main entry stair cuts across the front of the house. These two features would make it challenging to add a new hallway and entry door and still preserve a parking space in most circumstances. Other prototypes more easily allow adding a unit at the rear of the garage while preserving an on-site parking space.



Ground Floor Plan

ADU Strategy - Unit A

The ADU is arranged at the rear of the ground floor in order to maintain at least one on-site parking space.

The existing building footprint expands up to the rear yard setback per zoning. A passageway is created to provide access to the unit on the ground floor and access to the interior stairs connecting to the existing unit above.

ADU PLAN

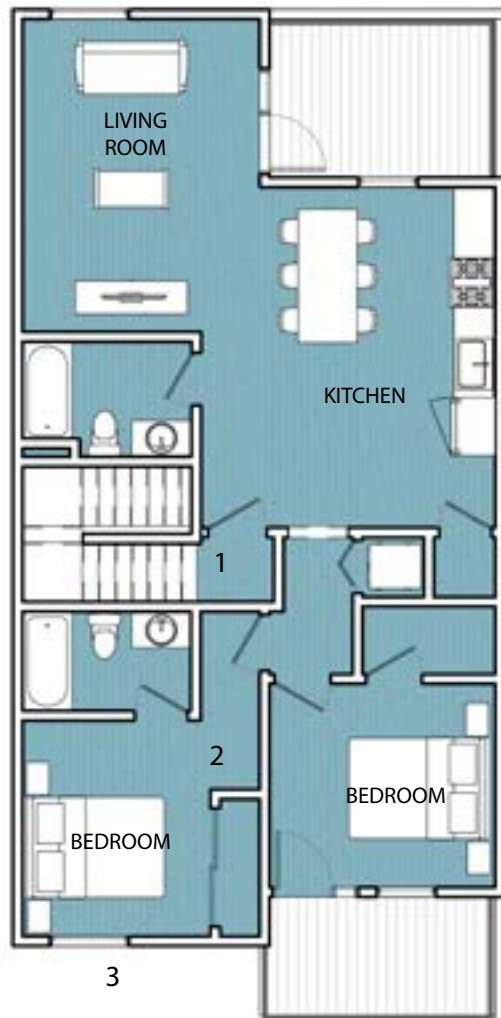
1. Vestibule to separate ADU from the garage
2. Fire-rated wall between the unit and the garage (and a rated ceiling to separate from the unit above).
3. Fire-rate the new exit passageway through the garage that leads from the new unit to a door that opens directly to the sidewalk.
4. Emergency escape and rescue openings to the rear yard at least 50 feet deep or have access to a public way.
5. Replace existing garage door with new garage door and exit door with at least 32" of clear opening width.

ADU Strategy - Unit B

The structure may be expanded by an additional story within the building footprint.

Access to the ADU is built from extending the stairs to the new third floor.

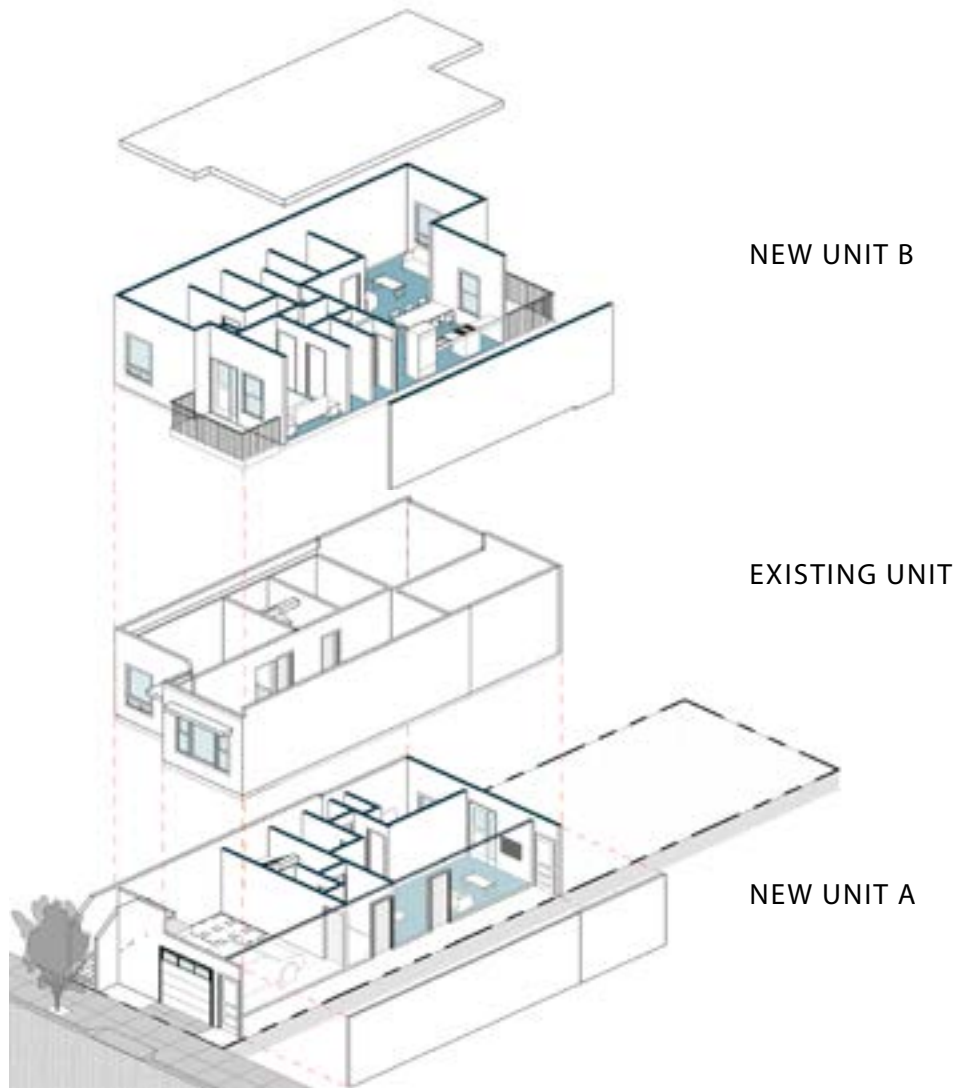
The bedrooms are placed to the front of the building facing the street in order to comply with emergency escape and rescue requirements.



ADU PLAN

1. Fire-rated shared access and egress stair.
2. Bedrooms are placed to the front of the building.
3. Emergency escape and rescue openings in front of the building.

Third Floor Plan



Primary Considerations

Design & Preservation: When changes are proposed to the public-facing facade of a building, including vertical expansions, to buildings that are historic resources or proposed resources, review for conformance with preservation standards and neighborhood character is required as discussed in Section Two.

Utilities: Utility upgrades would likely be necessary, especially the electric service in an older building.

Exiting & Fire Ratings: The floors and ceilings between units need to be 1-HR rated, as do property line walls, the stairway and exit passage in the ground floor.

Fire Sprinklers: In this case, the entire building will require fire sprinklers.

FINANCIAL ANALYSIS

This section explores the cost of building an accessory dwelling unit, potential rental income, and the impact on property value. While not all ADUs are built as rental properties, it is good to understand the income potential of adding a unit to your property as this will factor into the eventual resale value.

CONSTRUCTION COSTS

A BREAKDOWN OF ESTIMATED EXPENSES

In developing construction pricing for this chapter, we analyzed one of the most common prototypes. The cost estimating data was obtained from evaluating actual construction bids from 2018 for a project similar to Prototype A.

Prototype A is an ADU arranged at the rear of the ground floor. The unit plan assumes at least one on-site parking space will remain, and that the existing footprint of the house will be maintained.

This unit was chosen because it is very common in San Francisco and is representative of the changes required in most of the retrofit-type ADUs. Prototypes A, C, and D all have similar requirements and will see similar costs, depending on the square footage and level of finishes chosen. Prototype E, a garage retrofit, may have a lot of similarities but much of the cost will be dependent on the condition of the existing building. A free-standing building (like Prototype F) will have additional expenses associated with the foundation, roofing, and exterior walls that the interior ADUs will not incur. Free-standing buildings will also require additional utility work to bring services to the buildings.

New construction outside the existing building footprint will also trigger neighborhood notification in most cases, adding extra steps to your permitting process.

Assumed Scope of Work:

- Construction of a fire-rated wall between the garage and the new unit, along with a vestibule and door(s)
- Addition of windows and doors to serve the new unit
- Construction of interior partitions in the new unit
- A new bathroom and kitchen
- Plumbing, heating and ventilation to serve the new unit.
- Finishes and insulation at the new unit
- Seismic improvements required by the SF Building Code.
- Addition of sprinklers to the ground floor

This cost estimate is approximate, based on 2018 costs. Generally, construction costs rise 3-5% annually, although recent years have seen larger than usual increases. The estimate assumes a basic project described above. Depending on the existing conditions or variations an ADU may require additional work.

COST ESTIMATE - Based on Prototype A

ITEM	FEE
Construction Costs	
General Conditions	\$7,800
Shoring, Demolition, and Excavation	\$22,900
Concrete	\$21,200
Framing and carpentry	\$37,700
Finish Carpentry and Cabinetry & Counters	\$30,200
Insulation and moisture protection	\$7,600
Windows and doors	\$23,800
Finishes	\$28,900
Appliances and misc. fixtures	\$1,900
Plumbing (including fixtures)	\$26,800
Sprinklers	\$6,500
Heating and ventilation	\$15,500
Electrical (including fixtures)	\$28,600
<i>Sub-Total</i>	<i>\$259,400</i>
(Assumes Overhead and Profit are included in line items above)	
City Fees for Permits	
6-9% of Construction Costs (varies by project)	\$19,450
Professional Services	
Architectural, Engineering and other consultants	\$25,940
(approx. 10% of Construction Costs)	
TOTAL COST ESTIMATE	\$304,790

Additional Expenses

Excavation and Foundation Work

While the example project budget above did not involve substantial excavation at the ground floor, on many buildings this will be required to create enough headroom in the new unit. At current construction prices, we would advise homeowners to carry at least \$100 per square foot of the plan area, assuming an increase in headroom of one to two vertical feet.

This cost can vary dramatically depending on factors that include but aren't limited to:

- the slope/terrain of the site
- ease of access for construction equipment
- location of the sewer lateral (an ejector pump may be required)
- disposal costs for contaminated soil

Sprinklers & Fire Protection

The estimate includes an allowance for fire sprinklers, but there are numerous variables that could change this amount. For example, if the water pressure is not high enough in your area, you could be required to add an additional pump at an cost of several thousand dollars. Also, the type of sprinkler system installed may vary depending on the outcome of your pre-application meeting. This number could double or more in some cases.

Other things that could impose additional costs, including but not limited to:

- increasing existing door sizes or replacing existing doors with fire-rated ones (new doors are several hundred dollars each, plus installation). This could also require changes to the front of the building, which can require additional review at the Planning Department due to historic preservation concerns.
- putting existing utility meters in a cabinet or having to move them if they project into a space used for exiting. This could range from a few hundred to a few thousand dollars depending upon the extent of the changes required.

Changes to the Façade

Changes made to the front of your building may result in additional costs. In a building where the garage door is being removed or replaced, or additional openings are being added, you may trigger a historic review through the Planning Department. Most projects that propose to make minor alterations such as infill of the garage with new windows for the ADU, or such as add small new openings to incorporate windows or a new door, are approvable without requirement of additional reports prepared by consultants. Some special Landmarked properties require additional review for appropriateness, and an additional Planning entitlement application may be required to review the changes to special Landmarked buildings listed in the Planning Code. This fee ranges based on construction cost.

Impact of Tenant Disruption

Tenant parking (for existing tenants in your building) or other amenities may be removed or made inaccessible during construction in a multifamily building. Some building owners may choose to combine the construction of an ADU with other work that could potentially make the building uninhabitable for a period of time. Contacting the Rent Board is a good first step to understanding what your obligations may be in the case of disrupting the occupants of your building as there may be costs associated if alternate accommodations need to be found during portions of the construction process.

Earthquake Retrofitting

For an ADU installed in an existing larger apartment building (over five units, similar to Prototype C) at the same time as a soft-story retrofit, the cost of the retrofit alone will be in the range of \$60,000-\$130,000 in addition to the ADU costs.

There are a number of scenarios in which an ADU retrofit will trigger a mandatory seismic upgrade of a small building based on Chapter 34 the San Francisco amendments to the California Building Code. The two most likely to occur would be the addition of a third unit to a two unit building (Section 3408.4.1 Exception 2 of the S.F. Building Code) or when modifying a large portion of your building as defined under Section 3404.7. Substantial non-structural modification of more than two-thirds of a building's floors or cumulative modification of more than 30% of its structural elements since May 21, 1973 will also trigger it.

The cost of adding shear walls, foundation bolts and any potential improvements to the foundation itself will have to be factored into your costs. This can cost from under \$10,000 to upwards of \$50,000 or more, depending on the existing structure.

INCOME AND ASSETS

RENTAL INCOMES AND PROPERTY VALUES

Rental Income Estimates

Analysis of the 2014 Craigslist apartment listings for the City of San Francisco shows that the median listing price for studio and one-bedroom apartments between 200 and 750 square feet was approximately \$2,900, with monthly rents in most areas averaging just over \$4/square foot per month.

It is reasonable to assume that many accessory units will rent for less than other units in the same neighborhood that may have better views or be located in new buildings with other amenities. Doing your own research on comparable rental properties in your neighborhood is the best way to understand what the potential rental income from an ADU in your house would be.

Property Value

A simple analysis of District 5 (Hayes Valley, Haight, Western Addition, Inner Sunset, Cole Valley) sales from 2014 shows that, on average, two-unit properties sell for less than one unit properties. Two unit properties sold for approximately \$735 per square foot, while single family properties sold for slightly over \$1,000 per square foot. This is despite there being far more single family properties on the market (244 versus 56 two-unit buildings).

Digging deeper into resale values shows that this simple square foot analysis isn't completely accurate in determining the value of an ADU because most of the two-unit properties are duplexes built as two roughly equivalent apartments. Large homes with a smaller accessory unit are very different in the real estate market. As an example, the most expensive home sold in Noe Valley last year was nearly 6,000 square feet, sold for \$6,750,000 and contained a newly-built ADU.

Looking at sales data for the City as a whole over the second half of 2014, homes with and without ADUs sell for nearly the same amount per square foot (within about 6%):

Duplexes

147 2-Unit Buildings Sold
Avg. List: \$1,533,967
Avg. Sale: \$1,666,867
Avg. sq ft: 2791
Days on Market: 41
\$/sqft: \$622

Single Family Homes

849 Homes Sold
Avg. List: \$1,490,425
Avg. Sale: \$1,629,647
Avg. sq ft: 1956
Days on Market: 30
\$/sqft: \$783

Single Family w/ ADU

38 Homes Sold
Avg. List: \$1,485,362
Avg. Sale: \$1,644,974
Avg. sq ft: 2106
Days on Market: 29
\$/sqft: \$736

By increasing the square footage of your building, you are increasing the amount of square footage you sell when you decide to move. In our example two-unit property from the pricing exercise, adding 675 square feet of living space could add approximately \$420,000 to the resale of the property based on the average selling price of \$622/square foot.

In larger apartment buildings, there would be no reason not to add additional units from a resale viewpoint. The pricing of large buildings is usually tied to the unit count and financials of the leased units, so it is hard to imagine a scenario where bringing in additional rental income would not make the property more valuable.

FINANCING

PAYING FOR AN ADU

Many homeowners will find that a home equity loan is a viable way to finance an Accessory Dwelling Unit. Looking at the finances of a home equity loan on the example property priced above shows that homeowners who choose to put in an ADU are likely to receive enough rental income from the new unit to cover the monthly loan payment.

Example, based on a Home Equity Loan Amount of \$300,000:

Monthly Loan Payment (25 year loan at 5.7% interest)	\$1,880 / Month
Projected monthly rent (adjusted for location)	\$2,900 / Month

While there are a variety of other expenses that would need to be accounted for, including maintenance, increased property taxes on your new assessed value and income tax on the rental income, the homeowner would easily come out ahead financially in a scenario where this ADU is being used as a rental property.

It is reasonable to assume that many ADUs will rent for less per square foot than other units in the same neighborhood that may have better amenities, including views, better light access or dedicated parking. Doing your own research on comparable rental properties in your neighborhood is the best way to understand what the potential rental income from an ADU in your house would be.

Looking at a break even analysis provided by accessorydwellings.org and taking into account 5% annual appreciation (low by San Francisco standards) and the rent and loan figures noted above, our prototype ADU owner would break even in under five years.

RESOURCES

GLOSSARY

Change of Use

A “use” is a common planning concept. A use is established when land has been declared to be usable for a particular building type or development activity (see *Use* definition). Change of Use is a change from one permitted use to another. The only guide for determining whether one use is different from another is its treatment in the San Francisco Planning Code. If the Code treats them differently, they must be considered distinct uses. Thus if “Use A” is first permitted in a different zoning use district than “Use B,” it is clear that they are different uses. A good way of thinking about it is whenever the use of a building or lot changes in a way that would be regulated differently than the current use, a change of use occurs.

Conditional Use Application

A Conditional Use (CU) is a type of land use that is not principally permitted in a particular Zoning District. Conditional Uses require a Planning Commission hearing in order to determine if the proposed use is necessary or desirable to the neighborhood, whether it may potentially have a negative impact on the surrounding neighborhood, and whether the use complies with the San Francisco General Plan.

Coverage, Lot or Site

The percentage of a site covered by roofs, soffits or overhangs extending more than three feet from a wall and by decks more than four feet in height. Roofs with openings or perforations 50 percent or greater of their surface area, pools, or hot tubs shall not be included in lot coverage calculations.

Discretionary Review

The Planning Commission has discretion over all Building Permit applications. Normally, this discretion is delegated to the Planning Department, which approves applications that meet the minimum standards of the Planning Code, including the priority policies of the San Francisco Planning Code Section 101.1. Occasionally, the Commission will review a Building Permit application. The Commission may determine that modifications to the proposed project are necessary in order to protect the public interest. If so, they can require the permit applicant to make the changes necessary for approval. This process of Commission consideration is commonly known as “Discretionary Review” or simply “DR.”

Dwelling Unit

One or more rooms with no more than one kitchen, designed for occupancy by one family or single housekeeping unit for living and sleeping purposes, with all rooms (except an attached garage or carport) accessible from the interior of the dwelling unit.

Environmental Review

The California Environmental Quality Act (CEQA) requires public agencies to review the environmental impacts of proposed projects. In San Francisco, environmental review under CEQA is administered by the Environmental Planning division of the Planning Department. The environmental review process begins with the submittal of a completed Project Application to the Planning Department. The Project Application is submitted with the building permit, so no appointment is required but staff are available to meet with applicants upon request.

Environmental Review

The Environmental Planning division of the Planning Department reviews projects for potential environmental impacts on the City and County of San Francisco and its residents, a process known as environmental review. Reviews are conducted pursuant to the California Environmental Quality Act (CEQA), Chapter 31 of the San Francisco Administrative Code, which provides guidelines for implementing the CEQA process. The reviews identify any potential adverse environmental effects of proposed actions, assesses their significance, and proposes measures to eliminate or mitigate significant impacts.

Grade, Existing

The surface of the ground or pavement at a stated location as it exists before disturbance in preparation for a project.

Historic Preservation Commission Hearing

The Historic Preservation Commission is responsible for identifying and designating San Francisco's landmarks and the buildings in the City's historic districts. It consists of seven Commissioners and a Commission Secretary. The Commission holds a public hearing (also known as a "Commission Meeting") twice a month. Properties designated as special landmarks within the Code, or are within these Landmark Districts, are subject to certain applications to review changes to the building and may require this hearing.

Lot Line or Property Line

A recorded boundary of a lot.

Mandatory Soft Story Retrofit Ordinance

This ordinance requires the structural retrofit for added seismic safety of San Francisco buildings that meet ALL of the following criteria:

- Wood frame construction (Type V);
- Application of permit for original construction was prior to January 1, 1978;
- Five or more residential units;
- Two or more stories over a basement or underfloor area that has any portion extending above grade;
- A soft story condition that has not been seismically strengthened to the standards set forth in the ordinance.

The ordinance was signed in 2013 and is current law in San Francisco. As of this writing, buildings potentially within the scope of this ordinance have received formal notice of screening and compliance requirements.

Neighborhood Notification (also known as "Section 311/Section 312," "Notification," or simply "Notice")

San Francisco Planning Code Section 311 and Section 312 describe a neighborhood notification requirement applicable in certain residential districts (i.e. Section 311) and commercial districts (i.e. Section 312). Notification is a process generally triggered by new construction of a building, expansion of existing buildings, or certain changes of use.

Notification is usually comprised of three components: a mailing that to surrounding property owners and occupants, and a poster placed at the subject property. The process provides for a 30-day notification period for owners, tenants and neighborhood groups in the vicinity of a proposed project to allow them an opportunity to voice concerns over the nature of a proposal and/or to request a public hearing before the Planning Commission (known as a Discretionary Review) to request the project modified or denied.

Adding an ADU does not automatically trigger Neighborhood Notification. However if you expand the footprint of your building, you most likely will have to go through this process.

Occupancy

Each separate use of property conducted on a lot or within a building or any portion thereof.

Open Space

Usable open space shall be composed of an outdoor area or areas designed for outdoor living, recreation or landscaping, including such areas on the ground and on decks, balconies, porches and roofs, which are safe and suitably surfaced and screened, and which conform to the other requirements of Section 135 of the Planning Code.

Planning Commission Hearing

The Planning Commission consists of seven members appointed by the Mayor and the President of the Board of Supervisors to help plan for growth and development in San Francisco. The Commission holds a public hearing each week (also known as a "Commission Meeting") to carry out its duties and advise the Mayor, City Council and City departments on San Francisco's long-range goals, policies and programs on a broad array of issues related to land use, transportation, and neighborhood planning.

Planning Department Review of All Applications

The Planning Department reviews Building Permits and other Planning Department applications. In regards to Building Permit applications, depending on the scope of your ADU project, you may need to obtain permits from San Francisco Public Works for changes to the area outside your home that is public property, such as repairing the curb cut if removing a garage and a street tree permit.

Preliminary Plan Review and Project Review Meeting

These optional meetings provide members of the public and Planning Department staff an opportunity to discuss code requirements, planning process and Departmental policies related to a specific proposed project. It allows applicants to get early feedback on potential issues of concern, and thus avoid unnecessary or costly work on proposals that are not likely to be approved. A Preliminary Plan Review is available to anyone interested in filing a permit to add an ADU(s), during one hour meeting at the ADU counter at the Planning Information Center. No fee is charged. Appointments are available on the SF Planning Department ADU page. A Project Review Meeting is a 45 minute scheduled meeting at the Planning Department offices, available to any permit applicant who applies and pays the fee.

Pre-Application Process

Planning Department: In relation to ADUs, the Pre-Application Meeting Process with neighborhood is required when an expansion is proposed for the ADU for certain alterations located in zoning districts that are subject to Section 311 or 312 Notification. The Pre-Application Process needs to occur prior to the filing of any entitlement. ADU projects within the footprint of the existing building do not normally require the Planning Pre-Application Meeting Process with neighbors.

Department of Building Inspection (DBI) and the Fire Department: This is a meeting is to review questions with design issues that have building code implications. The meeting is intended to occur prior to submitting drawings for a permit. This is not mandatory, but is strongly encouraged for ADU projects.

Setback

The distance by which a structure, parking area or other development feature must be separated from a lot line easement, other structure or development feature. If a street dedication is required, then the setback requirement shall be measured from the revised property line after the dedication. The word “yard” is often used interchangeably, as in the “required rear yard.”

Street, or Public Right-of-Way

A public thoroughfare, avenue, road, highway, boulevard, parkway, way, drive, lane, court or private easement, not including freeways, providing access to, and egress from, the property.

Tandem Parking

A parking space configuration where two or more parking spaces are lined up behind each other.

Use (also known as Land Use)

A “use” is a common planning concept. A use is established when land has been declared to be usable for a particular building type or development activity. A simple example of these concepts would be when a home or residence is built, the “use” of the building would be “Residential” and its construction would only be allowed in a “Residential zoning use district.”

Variance Hearing

A variance is a request for an exception from the quantitative standards of the Planning Code, such as rear yard, front setback and parking. Certain provisions of the Planning Code, such as height, sign and use requirements, are not variable. The Zoning Administrator hears and makes determinations on variance applications.

REFERENCES

HELPFUL AGENCIES AND WEBSITES FOR PLANNING AN ADU

San Francisco Planning Department

1650 Mission Street, Suite 400

San Francisco, CA 94103

General Information: (415) 558-6378

www.sf-planning.org

San Francisco Department of Building Inspection

1660 Mission Street

San Francisco, CA 94103

General Information: (415) 558-6088

www.sfdbi.org

San Francisco Department of Building Inspection - Soft Story Program

(415) 558-6699

softstory@sfgov.org

www.sfdbi.org/softstory

San Francisco Fire Department Plan Check

1660 Mission Street, 5th Floor

San Francisco, CA 94103

(415) 558-6177

<https://sf-fire.org/plan-check>

California Building Code and San Francisco Amendments

www.sfdbi.org/codes

San Francisco Earthquake Safety Implementation Program

City Hall, Room 362

1 Dr. Carlton B. Goodlett Place

San Francisco, CA 94102

(415) 554-4925

<http://sfgsa.org/index.aspx?page=6044>

San Francisco Rent Board

25 Van Ness Ave., Suite 320

San Francisco, CA 94102-6033

415-252-4602

<http://www.sfrb.org/>

Earthquake Brace and Bolt

A project of the California Residential Mitigation Program

www.earthquakebracebolt.com

SF72

San Francisco's hub for emergency preparedness

www.sf72.org

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Martin John Brown and Taylor Watkins, The Appraisal Journal, Fall 2012

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www.accessorydwellings.org

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CREDITS

Program Management and Zoning Review

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