

Affordable Housing Design Outline

- 1 / Designing for Specific Populations
- Resident Focused, Research on Special Needs, Amenities + Support Services
- 2 / Community Context
- Designed to Reflect the Community, Community Engagement, Investing in Community Building
- **3** / Housing Crisis = Need for Higher Density
- Capital A Affordable Housing, Maximize Use of the Site, Massing + Exterior Facade Moves
- 4 / Durability + Sustainability + Accessibility Goals
- Funding Requirements, Ensuring Affordable Rentals for 55 Years



SERVES SPECIFIC POPULATIONS

Transitional Low-Income Large Age Youth Seniors Exiting the Households Families Foster System (TAY) Adults with Individuals Families at Intellectual who have Risk of Veterans Developmental Experienced Experiencing Disabilities Chronic Homelessness (IDD) Homelessness



Mitchell Park Apartments
IDD Community + Low Income



Roosevelt Park Apartments
Families + Transitional Foster Youth + Rapid Rehousing



Auzerais Apartments
Permanent Supportive Housing + Low Income



Leigh Avenue Senior Apartments
Seniors who have Experienced Chronic Homelessness



lamesi Village
Veterans + Formerly Homeless + Int. Dev. Disabled



Orchard Gardens Apartments Family + Rapid Rehousing + IDD + PSH

IS BACKED BY RESEARCH



Housing Design Standards Accessibility and Inclusion

ESSENTIAL ELEMENTS

Trauma Informed Design

The Kelsey: Design for Inclusion

Human Experience Research

Community Engagement with Potential Future Residents

Working Sessions with Resident **Service Providers**

Post Occupancy Evaluations



FORA /

Trauma Informed Design

Mitigate Sensory Overload, Allow for SENSORY DELIGHT



between public and private

spaces



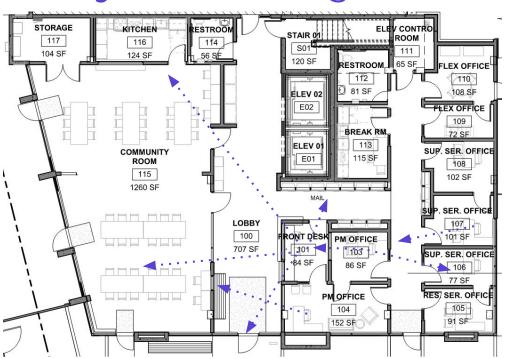


reflect the local flora and fauna

Murals by Morgan: Central Courtyard (left) Street Side Elevation (center) Parking Garage Entry (right)

Create Opportunities for VISUAL Connection for

Safety and Calming







UNIVERSAL AND INCLUSIVE DESIGN

Section 4 / Elements / Element Details: Building Components

Wayfinding Directional Signage

Impact Areas

3.8





Additional Benefits





Level 1-Design building directional signage to be clear and broadly usable. ESSENTIAL ELEMENT

- Signage includes room name or use in addition to room numbers, in both raised text and braille
- Signs are high-contrast (light text on a dark field yields the least glare)
- Signs have pictograms for non-English speakers, children, and others who cannot read
- Coordinate signage for the site and the building to use a consistent set of pictograms, wording, font style, etc.
- Directional signage: Position to face the direction of approach at intersecting routes and include arrows with room number groups or other primary rooms and functions
- In-stair signage indicates the floor number and direction to exit clearly
- Reference: SITE OVERALL DESIGN / SITE DIRECTIONAL SIGNAGE.

2 Point Value

Level 2 - Use tactile building orientation / evacuation maps.

- Tactile maps showing rooms and circulation spaces let people who are blind navigate spaces easier - can be 3D printed or built up. Locate at all primary entrances the primary access point to each floor, and all corridor intersections
- Consider having this available as printout for people to memorize/carry with them, especially if it contains evacuation information

3 Point Value

Level 3 - Augment signage with QR codes.

 Provides a link to additional online resources (information about the room, a link to get assistance or report a problem, etc.)



2 strips of molding at 2nd floor, 3 strips for 3rd floor,





UNIVERSAL AND INCLUSIVE DESIGN

Section 4 / Elements / Element Details: Site

28

Gardens and Courtyards Sensory Garden



Point Value

Include a sensory garden and aromatic plantings.

- Plants in a sensory garden are selected to stimulate and appeal to the five senses
- Fragrant plants at building entrances aid in wayfinding, particularly for people with cognitive, mental, or visual disabilities







Inclusive Design Standards

First Edition

HUMAN EXPERIENCE DESIGN

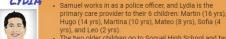
Resident and Staff Personas

Our goal is to understand and empathize with these personas as representatives of real people as we progress through design and decision making process to ensure the built project/development/home best serves the real people who will live and work there.

Who are the people who will live at 38th Avenue? Who are the staff who will work/live at 38th Avenue?







- . The two older children go to Soquel High School and two middle children attend Soquel Elementary. Sofia and Leo are home with Lydia during the day.
- Their previous living conditions were unstable and not suitable for an 8 person family.





- Betty is 72 years old, and uses a wheelchair because of a recent hip replacement surgery
- · She used to be a school teacher. · She has a small 9-year-old chihuahua.
- · She has 8 kids and 6 of them visit her regularly with
- · She's moving from a larger home to a smaller
- apartment, and is having a hard time downsizing. · She likes spending time outside where she can have
- natural interactions with neighbors



MARIA

- · Maria is a single, working mom of two children: Luis (5 yrs) and Xavier (1 yr)
- · She works as a dental assistant in Santa Cruz
- · Luis is in kindergarten at Soquel Elementary School.
- · Maria's mom, Sonia, lives next door in the mobile home park and watches Xavier during the day.
- · Maria is meeting with Cradle to Career coaches to become a better advocate for her children.
- · Luis and Xavier have a lot of energy and need space to move around inside and outside



Who are the people who will live and and work at Capitola 38th?

Design with understanding and empathy. Consider the lived experience in every decision.

JAMES

- James is a client of CCAH who lives in a studio unit on the ground floor
- · He is on a fixed income through the state and receives health coverage through Medicare
- · He has a physical disability that makes it difficult for him to drive, so he relies on the bus to get around town.
- · James is sensitive to a lot of stimulation and would like access to quieter, semi-private outdoor spaces

WILL

- · Will is the onsite property manager for 38th Avenue and lives in Unit B12, a two bedroom unit on the 3rd floor.
- · He has lived in Capitola his whole life and joined MidPen 1 year ago when construction was underway.
- He spends his weekends biking to his favorite local coffee shop, Verve Coffee Roasters on 41st Avenue and he surfs daily at Pleasure Point
- · He loves spending time with residents and connecting them with the resources they need.



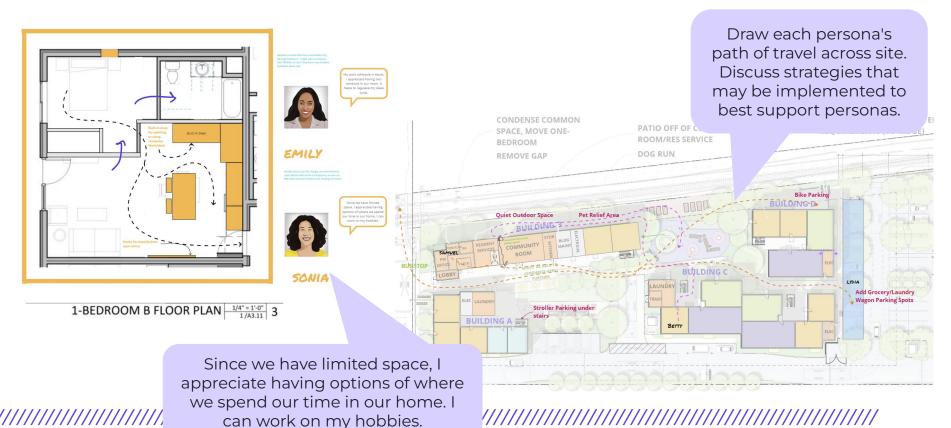
SONIA + EMILY

- Sonia and Emily are a young couple living in a one-bedroom. apartment because they have a hard . The affording the cost FMILY
- Emily recently received her Associates degre. abrillo college and works locally as a CNA at a skilled no
- Sonia works at New Bohemia Brewing around the cu. happy to be living within walking distance from her job
- Together they like to volunteer teaching art classes at an an.

Ask questions to better understand each persona's typical day. Consider how the persona's day may start, how they will move throughout the site.



HUMAN EXPERIENCE DESIGN



AMENITY AND SERVICES RICH





AMENITY AND SERVICES RICH



quieter outdoor spaces adjacent to indoor amenities

SITE FURNISHING AND AMENITY







Multi-level central

courtyard allows for

active play areas and

AMENITY AND SERVICES RICH



Home First

Christina Figueroa, Services Director, Housing Retention Kasandra Guerrero, Program Manager, Housing Retention Lead Resident Service Provider for All Residents



Housing Choices

Alondra Chavez, Resident Coordinator Luisa Curiel, Program Manager Supporting Residents with Developmental Disabilities



Veteran Affairs

Rhonda Staton, Supervisory Social Worker, VA Supported Housing Program Supporting Veteran Residents



The John Stewart Company

Sonia Toor, Property Manager Lynda Bright, Sr. Regional Director Property Management for Entire Building





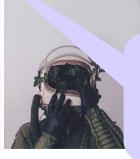
DESIGNED TO REFLECT THE COMMUNITY







Taking a deep dive into history and culture to create buildings that celebrate place.



Reciprocal
Preservation of
Belonging:
Exchange /
Celebrate / Bound

Concept presentation courtesy of Determined By Design

PRIORITIZES COMMUNITY ENGAGEMENT





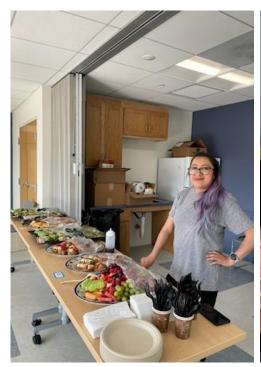








SUPPORTS COMMUNITY BUILDING





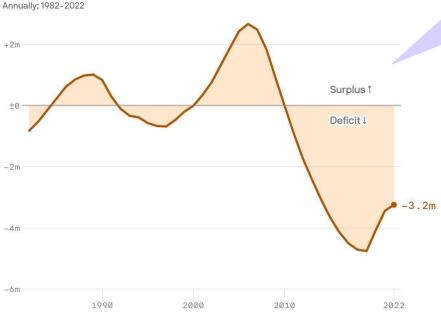




We have been...

UNDER PRODUCING HOUSING FOR DECADES

Existing housing units relative to population demand in the U.S.



America is short around 3.2 million homes, a big reason why prices are still high.

Why it matters: There aren't enough homes to keep up with the increase in households.

Between the lines: Apartment construction surged in recent years. **Yes, but:** Most newly built housing is high-end, and not widely affordable.

https://www.axios.com/2023/12/16/housing-market-why-homes-expensive-chart-inventory

HIGHER DENSITY TO PROVIDE MORE HOMES



HIGHER DENSITY TO PROVIDE MORE HOMES

/ 1: LIGHT TOUCH



- Maximizes the re-use of existing structures paired with renovation and strategic infill
- Minimize construction impacts from both sustainability and resident experience perspective
- · Minimizes construction costs and timeline to completion

/ 2: BALANCED APPROACH



- Balanced approach to demolition of lower density and addition of higher density infill
- Prioritizes contextual scale and creating a central office + community hub
- Prioritizes clear project scopes and phasing to optimize number of relocations

/ 3: HIGH IMPACT



- Maximizes the number of homes added & corresponding service areas
- Prioritizes cost efficient development of larger scale, fully accessible buildings
- Optimizes for the long term maximization and best use of these sites

WHY DOES IS COST SO MUCH?

How is Affordable Housing financed?

Federal + State + Local sources, all with requirements associated:

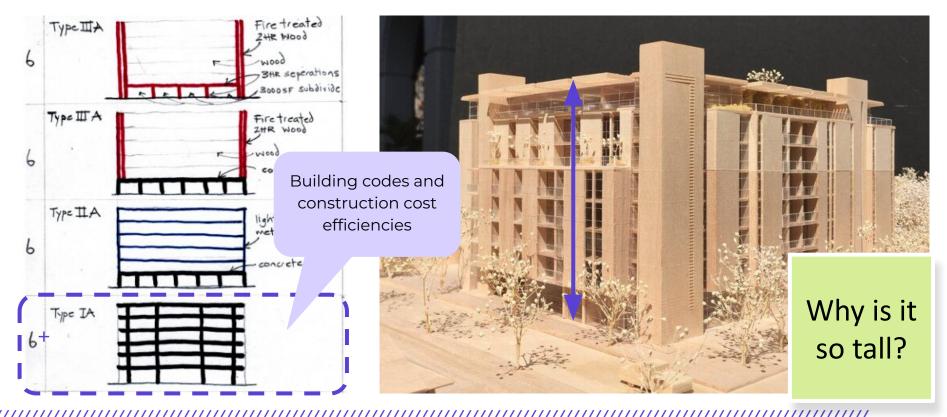
Funding is Extremely Competitive:

Goal is to build as many units as cost

effectively as possible

- Minimum size and mix of unit types → - → Efficient unit sizes + greater clearances for accessibility
- Construction and labor requirements Complicated construction types + prevailing wage labor rates
- Affordable rent rates for 55 years ← - - ➤ Durability key + keep operational costs low

HIGHER DENSITY DRIVES DESIGN MOVES



HIGHER DENSITY DRIVES DESIGN MOVES





Why does the ground floor look like a concrete bunker?

PARKING

HIGHER DENSITY DRIVES DESIGN MOVES





Why is it SO boxy?

Maximizing number of units and efficiency of stacking units +

HIGHER DENSITY DRIVES DESIGN MOVES



HIGHER DENSITY DRIVES DESIGN MOVES



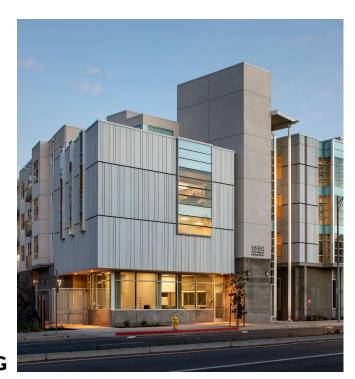
NEW TECHNOLOGY DRIVES DESIGN MOVES

Why are all new buildings covered in rectangles?

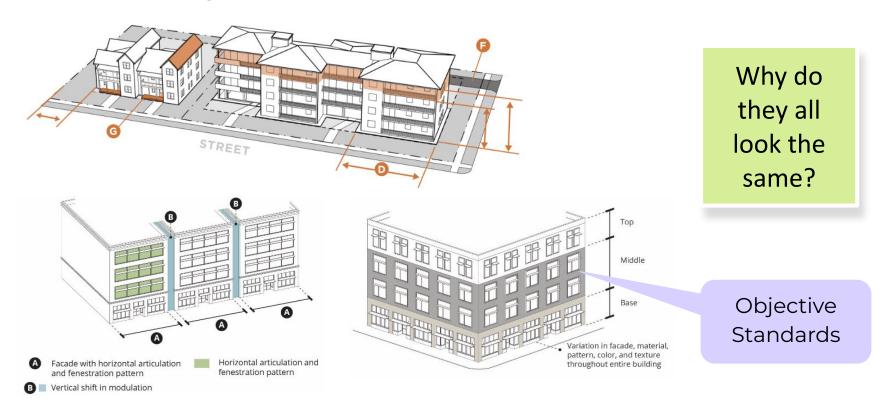
Building Technology advancement to provide better energy efficiency + durability

PANEL SUB-FRAMING

C.I. SUB-FRAMING



CODE REQUIREMENTS DRIVE DESIGN MOVES





IS HIGH QUALITY + DURABLE

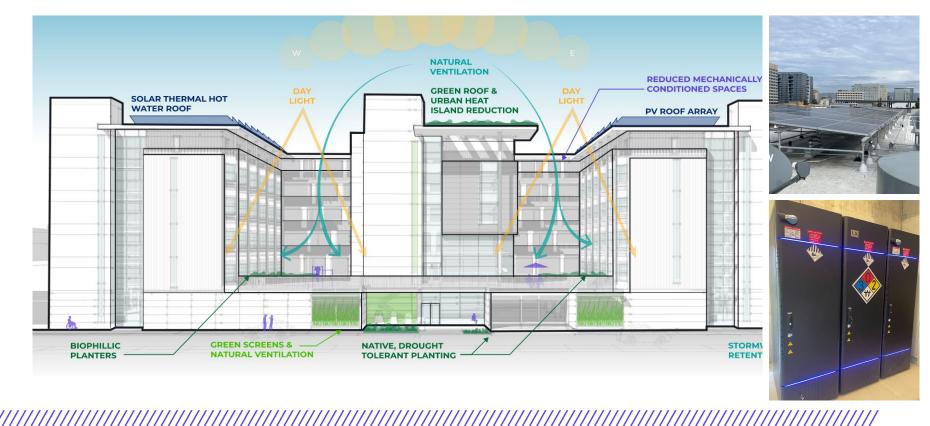




floor finishes

Walk-off entry mats at doors to units

IS SUSTAINABLE + RESILIENT



IS CONNECTED + TRANSIT-ORIENTED



Route includes Bank of America and Woodside Plaza Shopping center.



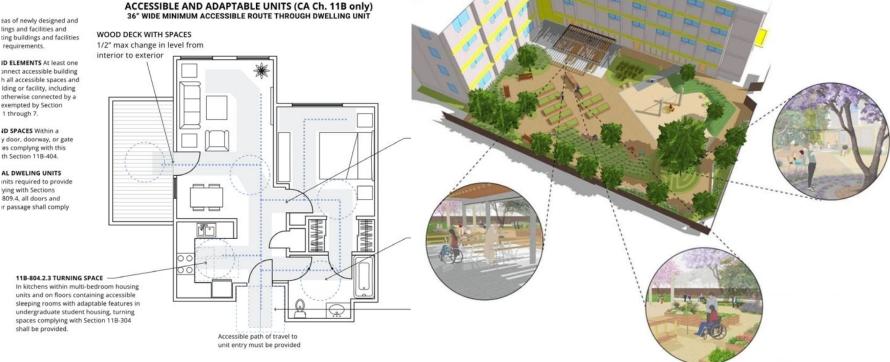
IS ACCESSIBLE FOR ALL ABILITIES

eas of newly designed and lings and facilities and ting buildings and facilities requirements.

onnect accessible building h all accessible spaces and lding or facility, including otherwise connected by a exempted by Section 1 through 7.

y door, doorway, or gate es complyng with this th Section 11B-404.

ying with Sections 809.4, all doors and



Centers around the people who will live and work there.

Reflects its community context & supports community building.

Creatively responds to the need for more homes.

Is durable + sustainable + accessible for all.

