## Proposed Program - ELLA & Supportive

### Building A

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Formerly Homeless</th>
<th>37% AMI</th>
<th>47% AMI</th>
<th>57% AMI</th>
<th>Super</th>
<th>Total</th>
<th>% by Unit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 BR</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>31</td>
<td>0</td>
<td>39</td>
<td>21%</td>
</tr>
<tr>
<td>1 BR</td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>20</td>
<td>0</td>
<td>28</td>
<td>15%</td>
</tr>
<tr>
<td>2 BR</td>
<td>109</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>114</td>
<td>62%</td>
</tr>
<tr>
<td>3 BR</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>3</td>
<td>2%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>111</strong></td>
<td><strong>9</strong></td>
<td><strong>9</strong></td>
<td><strong>54</strong></td>
<td><strong>1</strong></td>
<td><strong>184</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

### Buildings B, C, and D

<table>
<thead>
<tr>
<th>Building</th>
<th>No. of Units</th>
<th>AMI Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building B</td>
<td>71</td>
<td>40-60%</td>
</tr>
<tr>
<td>Building C</td>
<td>79</td>
<td>30-80%</td>
</tr>
<tr>
<td>Building D</td>
<td>176</td>
<td>30-80%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>326</strong></td>
<td></td>
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</table>

510 Units total
Buildings in Context
Garden Level Plan

GARDEN LEVEL PLAN

- Supportive Housing A Support Offices
- HELP Admin. & Domestic Violence Program Spaces
- Supportive Housing B & Support Offices
- Youth Arts Programming
- Affordable Housing Residential Buildings
Building A North Elevation
Building A Lobby
Building D From Snediker Ave
View From Hinsdale St.
Passive House Principles

- **Optimizing Building Envelope**
  - Continuous Insulation
  - Controlling Solar Gain
  - Reducing Thermal Bridging

- Creating Air/Wind Tightness

- Provide Ventilation w/ Heat/Moisture Recovery

**= Minimal Mechanical / Minimal Energy Consumption**
Sustainability Features

- Built to Passive House standards
- VRF heating and cooling systems
- Native plantings and landscaping

- Energy efficiency / thermal comfort
- Renewable energy
- Water efficiency
- Material and resource
- Active design
- Acoustic comfort
Wall Sections

- Metal Coving
- Flexible Flashing
- Modified Bitumen Roofing Membrane
- Cover Board
- Continuous 4" Rigid Insulation
- Continuous Air Barrier
- 5" CMU
- 10" Rigid Insulation at Roof
- Precast Plank
- 1" Rigid Insulation at Interior

- CMU Block
- Exterior Rigid Insulation Wrapping into Interior
- 5/8" Gypsum Board Over 2 1/2" Metal Stud Framing
- Continuous Air Barrier
- Double Pane Insulated Windows w/ Low U-Value
- Thermal Break at Perimeter
- Wrapped Insulation for Thermal Break
- Continuous Air Barrier
- Window Sill
- Air Gap
Centralized ERVs

- Provides fresh, tempered air in all units.
- Low maintenance
- More ductwork.
- Fewer penetrations
Predicted Results

Total Consumption/ft²  kBTu/ft²

<table>
<thead>
<tr>
<th></th>
<th>kWh</th>
<th>kBTu</th>
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</thead>
<tbody>
<tr>
<td>Annual Baseline</td>
<td>57.75</td>
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<tr>
<td>Energy Consumption</td>
<td></td>
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<tr>
<td>Proposed Design</td>
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<tr>
<td>Energy Consumption</td>
<td>26.59</td>
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</table>

Electric Consumption  Gas Consumption
View looking east from Sutter Ave. L Train Station