MATHILDA APARTMENTS
481 S. MATHILDA AVENUE, SUNNYVALE, CALIFORNIA

Site Development Permit Set
Fourth Submittal - October, 2013
Project: 2013/7171
S. Mathilda Avenue

Water Budget Calculation Worksheet

Maximum Applied Water Allowance (MABA):
The maximum allowed water to be used on a site is calculated based on the formula below.

\[ \text{MABA} = \frac{\text{EF} \times \text{Significant Resulting Land Use Area}}{100} \]

- EF: Conventional ETAF Landscape Area
- Significant Resulting Land Use Area

Estimated Total Water Use Savings: 56,425 gallons

Irrigation System Design Factors:

<table>
<thead>
<tr>
<th>Irrigation Category (NOZ/DLO)</th>
<th>Fractional Use</th>
<th>Volume Factor</th>
<th>Density Factor</th>
<th>Efficiency Factor</th>
<th>Average Water Use</th>
<th>Irrigation Rate (GPM)</th>
<th>Area (SG)</th>
<th>Water Flow Rate (GPM)</th>
<th>Volume (Gal)</th>
<th>Energy Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Water Use</td>
<td>MIXED</td>
<td>0.6</td>
<td>1</td>
<td>0.5</td>
<td>1,776</td>
<td>2.20</td>
<td>100</td>
<td>220</td>
<td>34,840</td>
<td></td>
</tr>
<tr>
<td>High Water Use</td>
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<td>0.6</td>
<td>1</td>
<td>0.5</td>
<td>1,776</td>
<td>2.17</td>
<td>100</td>
<td>210</td>
<td>34,170</td>
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</tr>
<tr>
<td>Medium Water Use</td>
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<td>0.6</td>
<td>1</td>
<td>0.5</td>
<td>3,770</td>
<td>3.01</td>
<td>100</td>
<td>301</td>
<td>50,250</td>
<td></td>
</tr>
<tr>
<td>Low Water Use</td>
<td>MIXED</td>
<td>0.6</td>
<td>1</td>
<td>0.5</td>
<td>1,776</td>
<td>2.17</td>
<td>100</td>
<td>210</td>
<td>34,170</td>
<td></td>
</tr>
</tbody>
</table>

Total Estimated Irrigation Requirement: 117,002 gallons

NOTES OF DESIGN INTENT:

- Low Water Use
- Medium Water Use
- High Water Use

PROPOSED EQUIPMENT LIST:

- Water Use Legend

MATHILDA APARTMENTS
481 S. Mathilda Avenue, Sunnyvale, California 94086

Steinberg Architects
OPEN SPACE SUMMARY

<table>
<thead>
<tr>
<th>Landscape Area Required</th>
<th>13,214 sf.</th>
<th>20% of the Lot Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Area PROVIDED</td>
<td>24,715 sf.</td>
<td>36% of the Lot Area (235 sf. per Unit)</td>
</tr>
<tr>
<td>Useable Open Space Required</td>
<td>8,250 sf.</td>
<td>100 sf. per Unit</td>
</tr>
<tr>
<td>Useable Open Space PROVIDED</td>
<td>8,115 sf.</td>
<td>77 sf. per Unit</td>
</tr>
</tbody>
</table>

OPEN SPACE LEGEND

Note: Open space calculations do not include apartment entrances.

- Landscape Area
- Public Useable Open Space - 0.203 ac (Public area with no dimension smaller than 15' and area greater than 200 sq ft)
- Private Useable Open Space - 1.910 ac (Private area with no dimension smaller than 6' and area greater than 80 sq ft)
NOTES:

1. Proposed sidewalks and fire services are subject to final review. Landscaping and irrigation will be coordinated with the fire and plumbing consultants.
2. Fire department access points are not shown and will be detailed in the project phases, as required.
3. Proposed sidewalk and driveway connections are subject to final review.
4. Maximum 8’ width, 3’-0” and location subject to final landscape and irrigation.
5. Street lighting along Mathilda Avenue subject to final design.
6. Street grading along Charles Street subject to final design.