APPENDIX H- Septic System Map and Plans

1. Topographical Aerial Survey, Topanga Lagoon
2. Topanga Beach Lifeguard Headquarters/Restroom Station Septic System Upgrade, Project Drawings
PLUMBING SCHEDULE

<table>
<thead>
<tr>
<th>Mark</th>
<th>Type of Plumbing Fixture</th>
<th>Existing Units</th>
<th>Proposed Units</th>
<th>Total Units</th>
<th>Valve Units</th>
<th>Existing Fixtures</th>
<th>Proposed Fixtures</th>
<th>Total Fixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.H.</td>
<td>Shower</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>15</td>
<td>5</td>
<td>50</td>
</tr>
<tr>
<td>F.T.</td>
<td>Trash Pull</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>6</td>
<td>12</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>U.S.</td>
<td>Urinal</td>
<td>3</td>
<td>5</td>
<td>8</td>
<td>8</td>
<td>16</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>F.T.</td>
<td>Lavatory</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>16</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>F.B.</td>
<td>Lavatory</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>LAV</td>
<td>Hand Wash</td>
<td>7</td>
<td>7</td>
<td>14</td>
<td>14</td>
<td>21</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td>U.B.</td>
<td>Urinal</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>16</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>S.F.</td>
<td>Showerheads</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>6</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Units: 70</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

53 units = 3,500 gallons
(Appendix K, 2001 Plumber's Code)

FLOOR PLAN
SCALE 1" = 30'

COUNTY OF LOS ANGELES
TOPANGA BEACH
LIFEGUARD HEADQUARTERS/RESTROOM STATION
18720 PCH MALIBU, CA 90265
PLUMBING SCHEDULE
TANK SIDE VIEW
8,000 GALLON PRIMARY TANK
Not to Scale

TANK SIDE VIEW
3,000 GALLON RECIRCULATION TANK
Not to Scale

CHAIN LINK FENCE
Not to Scale
GENERAL NOTES:
1. The contractor shall be responsible for the disposal of removed and unwanted materials to proper disposal sites and verify all utility lines before excavation.
2. The Advantage XADIX filter shall be equipped with a manufacturer approved recirculation and drain system. The washdown and recirculation panel shall be installed next to the filter pad at a convenient location on the pad. The panel shall be weatherproof and equipped with an on/off panel mounting assembly. A telephone line shall be installed for the recirculation.
3. The pump installation requirement (size & capacity) for the tank shall be as recommended by the pump manufacturer.
4. The location of existing power systems and utility lines are approximate. The contractor shall verify the actual location prior to excavation.
5. A pre-construction meeting will be held prior to any site work. Attendees will include the following individuals: LA County ERM Engineer, ERM Coordinator, Site Supervisor, Design and Engineering Project Managers, and Office of Environmental Action Officers.
6. A sanitarian & maintenance manual to be provided by the contractor upon completion.
7. Salter UV Disinfection unit shall be installed following the manufacturer's specification.
8. Electrical power shall be provided to the Salter UV Disinfection unit and the tank pump 120V AC single phase per manufacturer's installation instructions.
9. The contractor shall provide and maintain a complete facility for the public to use until the new system is available. Contractor shall provide at least four (4) portable toilets (1 ADA toilet) and one hand wash station.
10. All excavation shall be by heavy equipment. All excavation shall comply with the current occupational safety and health administration standards.
11. Benefits of all excavation to be compared to the current competition, including equipment to work per contract.
12. Decadentizing and reception shall be per manufacturer's specifications. Contract work shall be performed in accordance with the standard design manual of the Department of Public Works.
13. All changes or additions shall be approved by the ERM prior to initiating additional work.
14. Norwalk Biodiesel Citrus Management System Model B000 shall be installed per manufacturers specifications. All equipment shall be per manufacturer's manual and written specifications.
15. As-built plans (paper & digital format one copy each) shall be submitted to the Department of Public Works.
16. The contractor's equipment shall be under the contractor's personal workers.
17. Contractor shall be responsible for removing the equipment from the worksite and returning the site to the pre-construction condition for the contractor. The contractor shall provide the work right of way back to the original condition for the Department of Public Works. The contractor shall provide the equipment to the new site and disconnect the equipment before removing it from the site.
18. A pumpback with an Orange P3000 pump or equivalent for the primary pump, with a single phase, shall be used for the primary pump back-up system.
19. Pumpback and auxiliary systems will be controlled by operator and operators of the pre-construction meeting. Briefing of the primary pump and auxiliary control systems shall be handed over by the contractor. The auxiliary control systems shall be under the contractor's control at all times.
20. Contractor shall provide underground service and connect to a portable water source for the future addition to the tank.
21. Construction hours shall be from 7:00 a.m. to 5:00 p.m. Monday through Friday.
22. Contractor shall provide temporary fencing per UBC during all construction.
23. Advantages Invigorator and O & A provider shall be certified for waste water treatment systems.
24. Contractor shall provide access to Los Angeles ERM at all times.
25. The contractor shall verify all dimensions and conditions at the job site and notify the contractor of any discrepancies found prior to the start of construction.
26. A utility audit shall be performed, unless otherwise noted or specified during all phases of construction. In case of utility related issues, immediately notify the Department of Public Works.
27. A tank shall be constructed in accordance with the model specifications for the proposed use.