MARINE CENTER RELOCATION
FOR THE SOEST
AT HONOLULU HARBOR AND SAND ISLAND
(PIERS 34–35 SECURITY FENCING)
UNIVERSITY OF HAWAI'I AT MANOA
HONOLULU, OAHU, HAWAI'I
UH 15–R16

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APPROVED BY:

[Signature] [Name]
[Position] [Organization]
[Date]

VICTORY MAP
SCALE AS SHOWN

LOCATION MAP
NOT TO SCALE
NOTES FOR ENVIRONMENTAL PROTECTION:

1. The Contractor, at his own expense, shall provide effective measures for the protection of the environment and of the works during the construction operations. Such measures shall be in compliance with the regulations and standards established by the Environmental Agency for the protection of the environment.

2. The Contractor shall ensure that all wastewater, construction waste, and other similar materials are properly disposed of in accordance with the regulations established by the Environmental Agency.

3. The Contractor shall ensure that all construction activities are carried out in a manner that minimizes the impact on the surrounding environment.

4. The Contractor shall ensure that all materials used in the construction are environmentally friendly and comply with the regulations established by the Environmental Agency.

5. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of noise and vibration.

6. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of dust and other air pollutants.

7. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of solid waste and hazardous waste.

8. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of waste water and other water pollutants.

9. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of electromagnetic fields and other radiation.

10. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of greenhouse gases and other climate change pollutants.

11. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of noise and vibration.

12. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of dust and other air pollutants.

13. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of solid waste and hazardous waste.

14. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of waste water and other water pollutants.

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19. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of solid waste and hazardous waste.

20. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of waste water and other water pollutants.

21. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of electromagnetic fields and other radiation.

22. The Contractor shall ensure that all operations related to the construction are carried out in a manner that minimizes the generation of greenhouse gases and other climate change pollutants.
GENERAL PLAN
SCALE 1\"=40\" FT

NOTES:
1. THE CONTRACTOR SHALL SUBMIT A DETAILED PROJECT SCHEDULE FOR APPROVAL BY THE OWNER WITHIN 7 WEEKS OF THE ISSUE OF CONTRACT.
2. PERMITS WERE REQUIRED FOR ALL WATERS TO BE LABORATORY WATERS 24 HOURS A DAY, 7 DAYS A WEEK, FOR MAINTENANCE AND REPAIR.
3. THE CONTRACTOR SHALL PROVIDE FOR EXISTING UTILITIES PRIOR TO EXCAVATION FOR FENCE AND GATE POSTS. ANY UTILITIES DAMAGED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
BEST MANAGEMENT PRACTICES PLAN

NOTES:
1. THE CONTRACTOR SHALL STRICTLY FOLLOW THE REQUIREMENTS OF THE STATE OF HAWAII DEPARTMENT OF TRANSPORTATION - HARBORS DIVISION CONSTRUCTION SITE HABITAT CONTROL PROGRAM.
2. SEE DRAWING CONTROL, BEST MANAGEMENT PRACTICES, WATER POLLUTION AND GOOD NEIGHBORING NOTES ON SHEETS C-1 AND C-2.
3. SEE DRAWING CONTROL SHEETS ON SHEET C-10.

LEGEND

- Filter Sock at Work Area
- Drain Pipe Inlet Sock Protection
- Drain Protection at Catch Basin

SCALE: 1" = 40'
Steel Post Schedule

<table>
<thead>
<tr>
<th>Use and Section</th>
<th>Fabric Width 7' or Less</th>
<th>Fabric Width 8' to 10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUBULAR - ROUND</td>
<td>2.35&quot; O.D.</td>
<td>2.875&quot; O.D.</td>
</tr>
<tr>
<td>C-SECTION (ROLL-FORMED)</td>
<td>3.55&quot; x 3.55&quot;</td>
<td>3.55&quot; x 3.55&quot;</td>
</tr>
<tr>
<td>H-SECTION</td>
<td>2.25' x 1.75'</td>
<td>2.25' x 1.75'</td>
</tr>
<tr>
<td>C-SECTION (ROLL-FORMED)</td>
<td>1.925&quot; x 1.375&quot;</td>
<td>1.925&quot; x 1.375&quot;</td>
</tr>
</tbody>
</table>

NOTES:

1. Attach wire to fencing fabric firmly to posts and bracings. Stretch wire and install to required height.
2. Provide electrical grounding to section 6 of the National Electrical Safety Code at each connection of electrical transmission, distribution, or secondary line.
3. Barbed wire at fence shall be set back 1-inch from the site boundary.
4. Provide gusset plate base plate in place of post footing at pier areas. See Sheet 6-9.

Chain Link Fence with Barbed Wire

Connection to Existing Chain Link Fence

Outside Track for Right Sliding Gate

Inside Track for Left Sliding Gate

8' Chain Link Fence
**Connection of Fence to Building**

Not to Scale

- 3" x 3" x 2" length
- Four per base plate, 1" edge distance, top
- 6" x 6" x 3/8" base plate welded to the bottom of frame

**Gate Post Base Plate Detail at Pier Deck**

Not to Scale

- 3/4" threaded rod, drill and epoxy, embed 7" deep
- 1/2" thick plate
- Gate post (8" max)
- Stainless steel

Note: All steel shall be stainless steel and painted
INLET PROTECTION (SEDIMENT CONTROL FILTER) AT CATCH BASIN

NOTES:
1. CONCRETE SHALL BE CONCRETE AND SHOULDBE CONSISTENT WITH EPA GUIDELINES.
2. WOODEN SPOUT ANCHOR NOT REQUIRED.

FILTER Sock

NOT TO SCALE