

Wonder + Terrarium:
a large scale terrarium
floating on Lake Merritt



A collaborative project by
Sarah Filley + Yvette Molina

W O N D E R A R I U M

PROJECT OVERVIEW

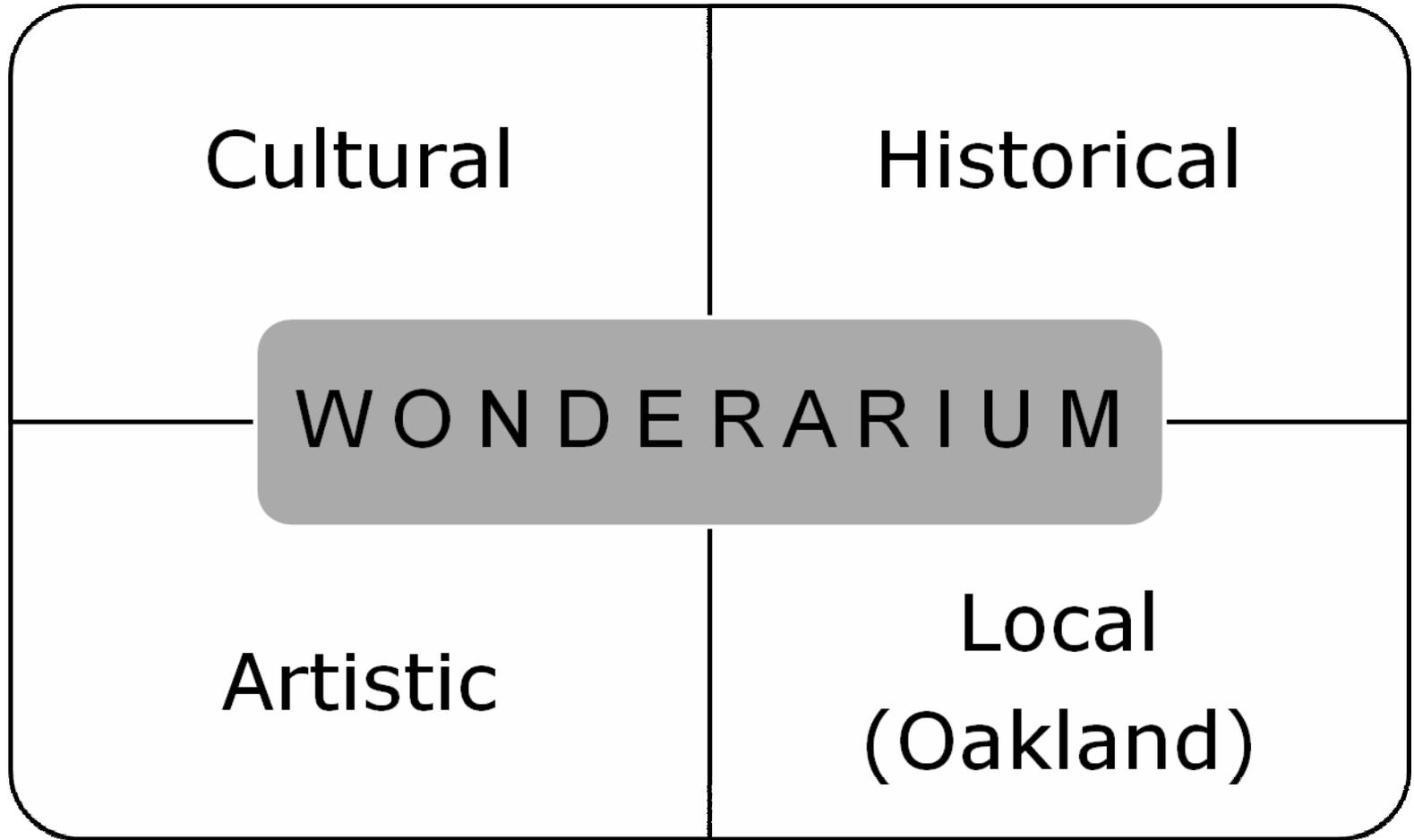
The WONDERARIUM is a large scale floating terrarium intended to create a fantastical interruption upon Lake Merritt in Oakland, California. The clear eight foot acrylic sphere will house a diverse selection of living plants. This botanical island will be affixed to a floatation deck visible just above the water line. We envision the WONDERARIUM anchored near the shoreline between the Lake Chalet and the Cameron Stanford House for a temporary public engagement. Inside the terrarium small solar panels absorb the sun's rays by day to illuminate the layers of flora by night.

Sarah Filley + Yvette Molina

Collaborative Partners

- UC Berkeley Botanical Garden
- ACE Gallery (Friends of Parks and Recreation)

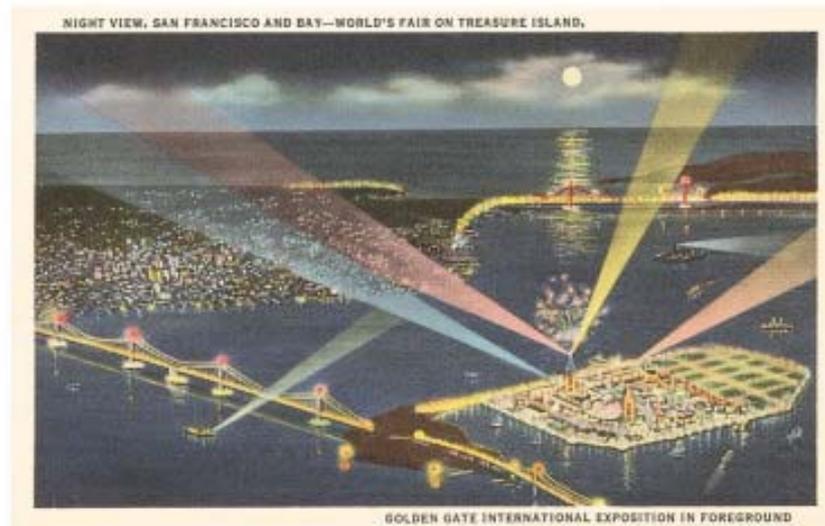
CONTEXTS



Cultural Contexts

Environment • Technology • Economy

Historical Context



Artistic Contexts

Projects • Artists • Cities

Project: Waterpod, NYC



Waterpod is a floating sustainable eco-habitat designed to engage the community while navigating New York's five boroughs.

Artist: Natalie Jeremijenko

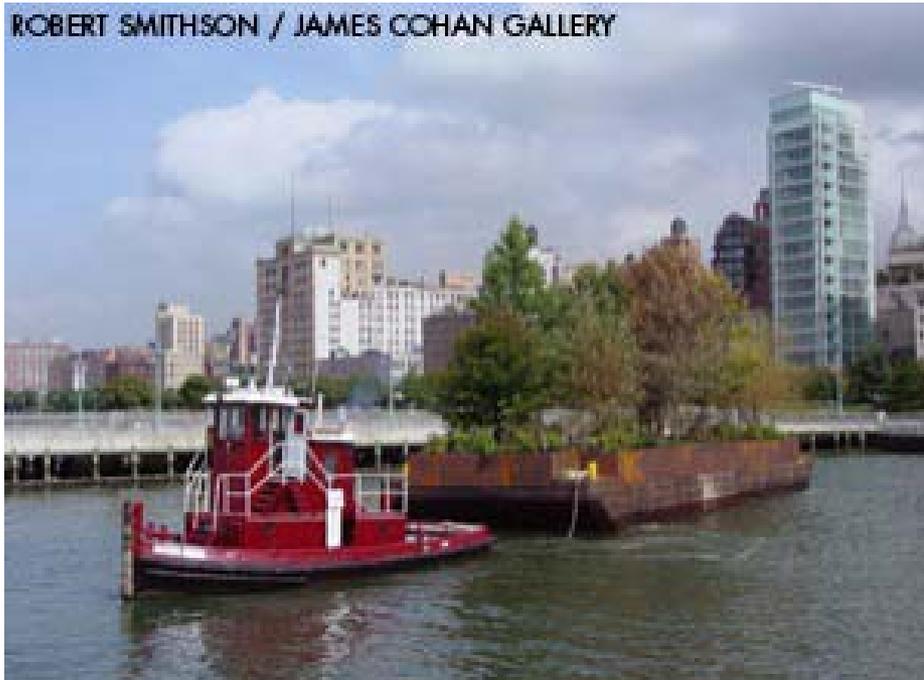


OneTree(s)



Green Light

Artist: Robert Smithson



Floating Island

Other Cities: Chicago



Millenium Park



Artist: Anish Kapoor

Local Context



Oakland

W O N D E R A R I U M



W O N D E R A R I U M

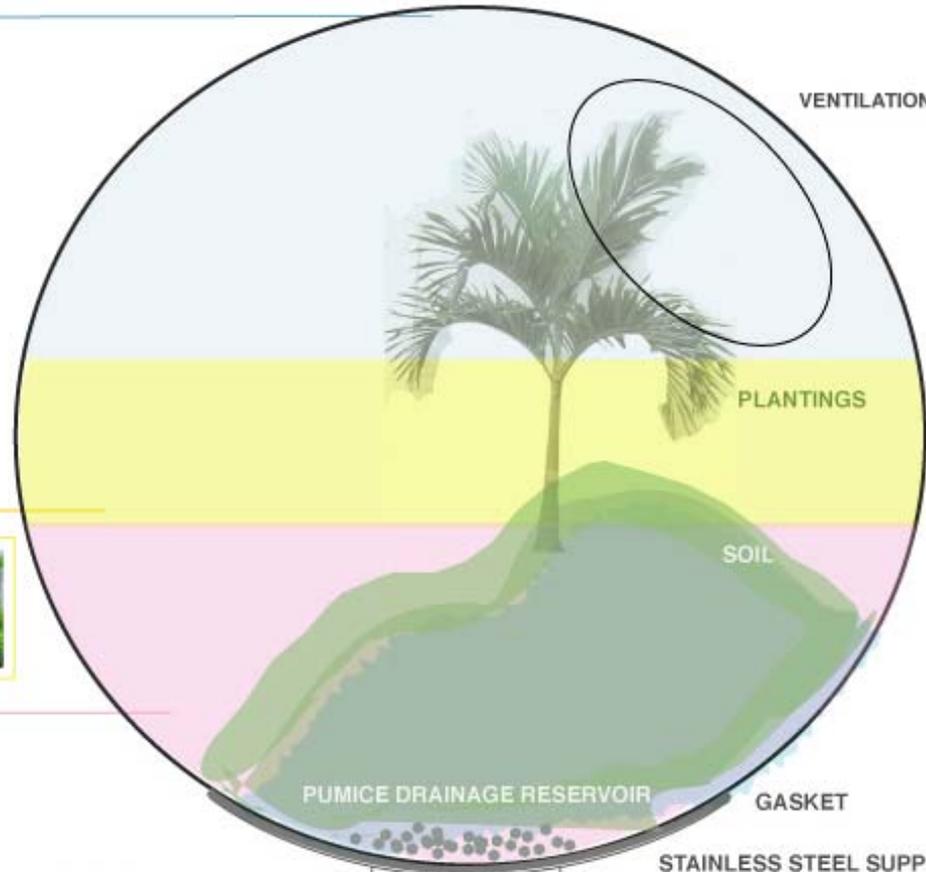
UPPER CANOPY



MIDDLE CANOPY



GROUND COVER



VENTILATION OPENING

PLANTINGS

SOIL

PUMICE DRAINAGE RESERVOIR

GASKET

FLOW THRU DECKING

STAINLESS STEEL SUPPORT

DOCK

BOUANCY BILLETS

W O N D E R A R I U M

Plant Index



Agave attenuata



Echevonia peacockii



Bird of Paradise



Asparagus densiflorus



Dymondia



Palm Veitchia merrillii



Bird of Paradise (White)



Kalanchoe beharonsis

Floating Dock Components

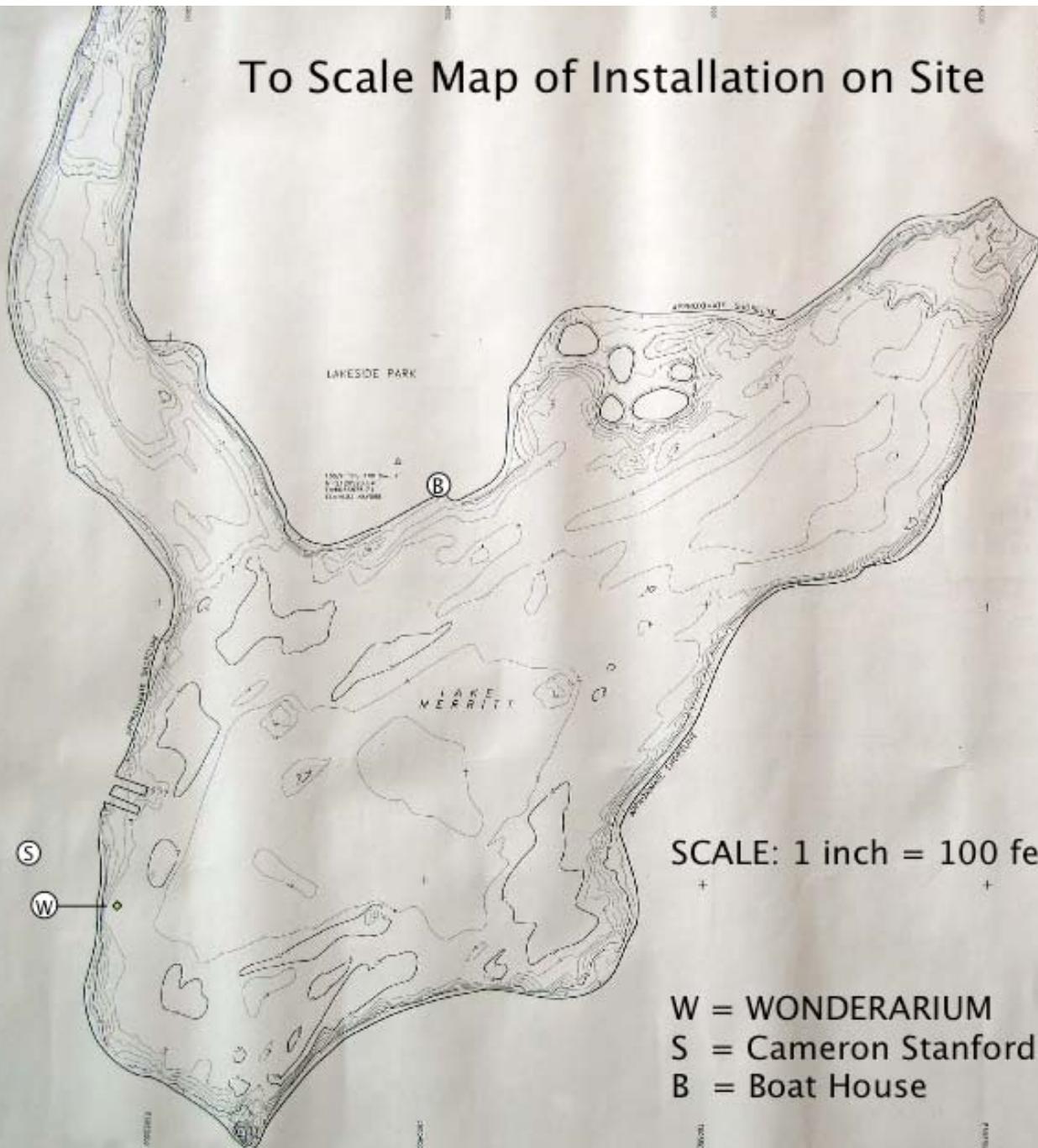


Specs for THRU FLOW decking

- No Maintenance
- UV and Static Electricity Protection
- Superior Load Bearing Capacity
- 360 Degree Non-Slip Surface
- Strong Durable and Lightweight
- Barefoot Friendly
- Pre-Drilled and Countersunk for Easy Installation
- Allows Sunlight, Water, and Debris Through
- Stays Cool even in the Hot Summer Sun
- ADA Compliant



To Scale Map of Installation on Site



SCALE: 1 inch = 100 feet

W = WONDERARIUM
 S = Cameron Stanford House
 B = Boat House

CITY OF OAKLAND BATHYMETRY SURVEY OF LAKE MERRITT

7th STREET PUMP
 STATION PROJECT

CITY PROJECT
 No. C244510

OAKLAND, CALIFORNIA
 OCTOBER 2003

PLATE 1

Fugro West, Inc.

VICINITY MAP



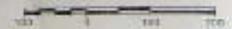
LEGEND

INTRODUCED CONTIGUA IN EAST (WIDE)

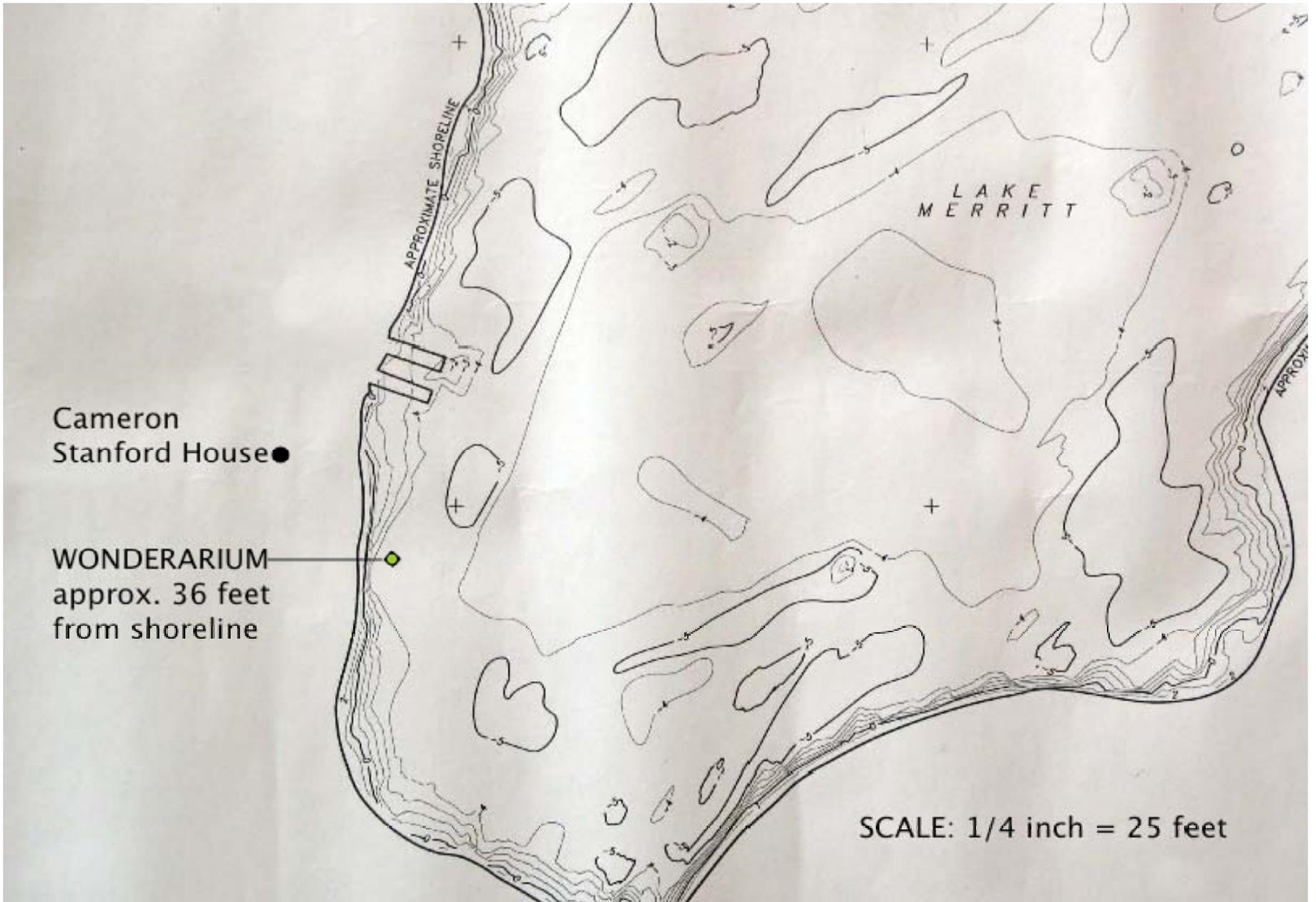
NOTES

1. BATHYMETRIC SOUNDINGS ARE GIVEN USING A CHY'S 1... WITH A 1/4" THICK... PACKAGE.
2. SHORELINE BATHYMETRIC DATA WERE COLLECTED ON... AT 24... 2003.
3. BATHYMETRIC CONTOURS ARE SHOWN AT 1 FOOT INTERVALS... (FROM 25... TO 100...).
4. THE... POINTS FOR... OF OAKLAND... (100... 100... 100...).
5. SURVEY EQUIPMENT... FOR... DIRECTION... (100... 100...).

SCALE: 1" = 100'



| | | | |
|--|------------------|----------------|----------------|
| DATE: 10/14/03 | BY: JAC | CHECKED: JAC | DATE: 10/14/03 |
| PROJECT: 7th STREET PUMP STATION PROJECT | SCALE: 1" = 100' | DATE: 10/14/03 | BY: JAC |
| CALIFORNIA COORDINATE SYSTEM | | | |
| DATE: 10/14/03 | BY: JAC | CHECKED: JAC | DATE: 10/14/03 |
| PROJECT: 7th STREET PUMP STATION PROJECT | SCALE: 1" = 100' | DATE: 10/14/03 | BY: JAC |



Cameron
Stanford House ●

WONDERARIUM
approx. 36 feet
from shoreline

SCALE: 1/4 inch = 25 feet



WONDERARIUM



Community!

Outreach • Education • Events