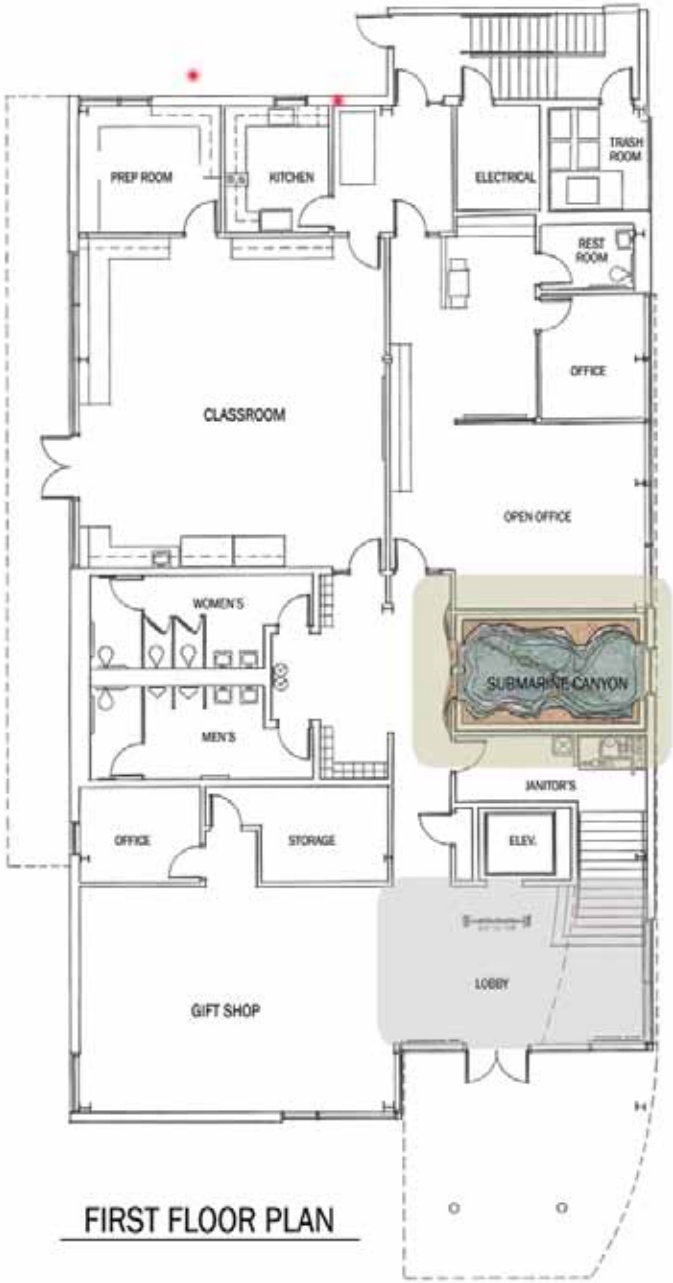
Monterey Bay National Marine Sanctuary Exploration Center Update

Monterey Bay & Gulf of the Farallones Joint Advisory Council Meeting

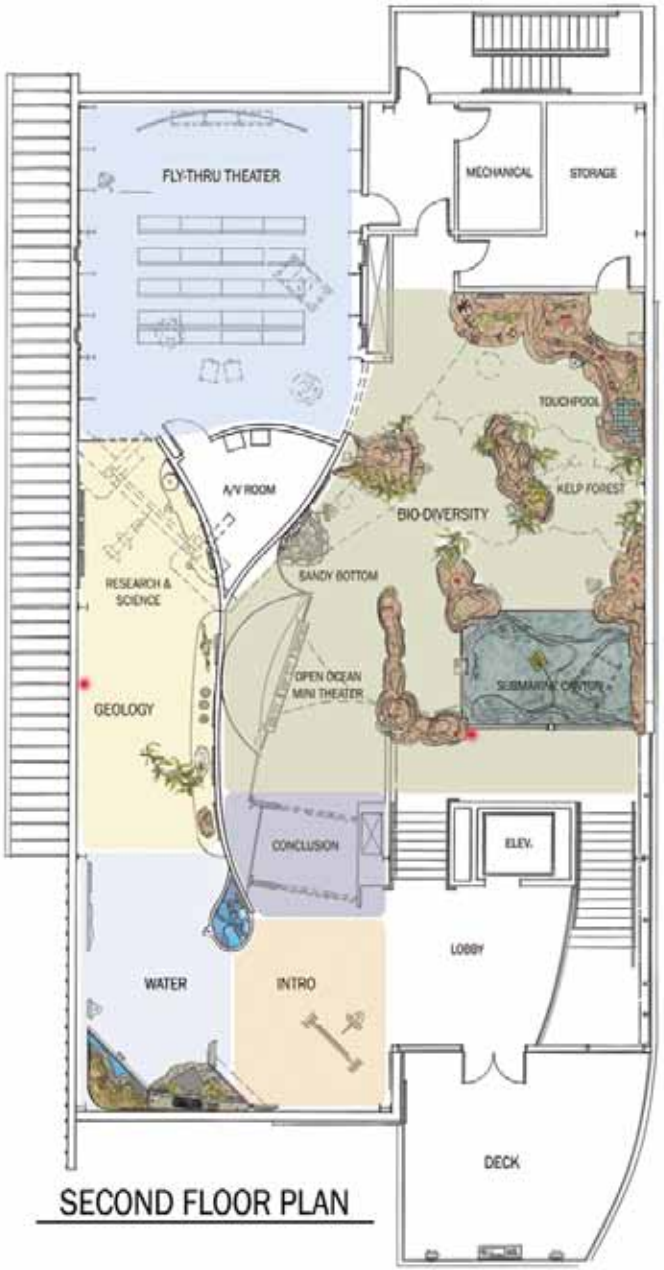
2.18.10

NATIONAL MARINE SANCTUARIES

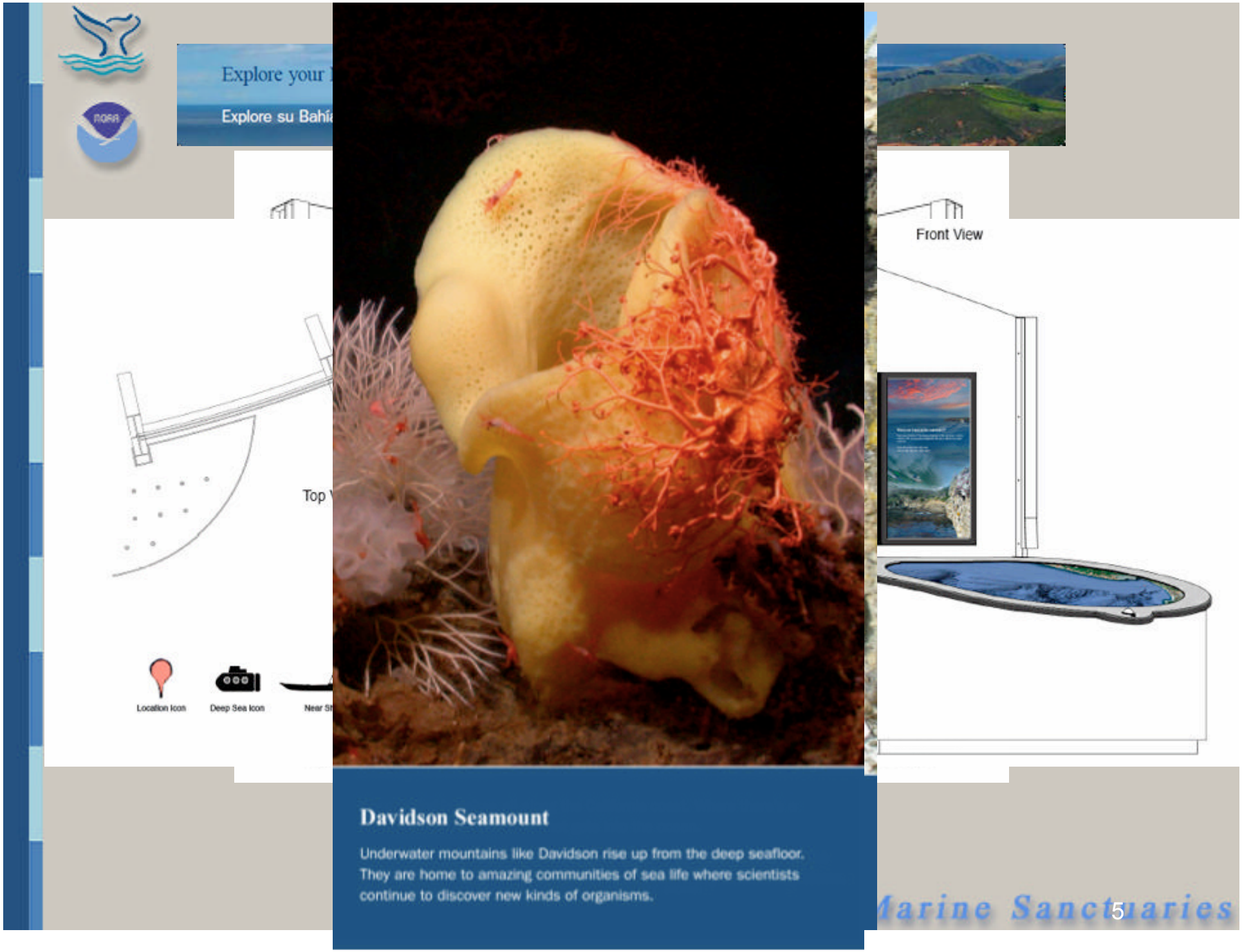
The visitor center will be an architecturally distinct two story, 10,600 square foot US Green Building Leaders in Energy and Environmental Design (LEED) building overlooking the ocean.

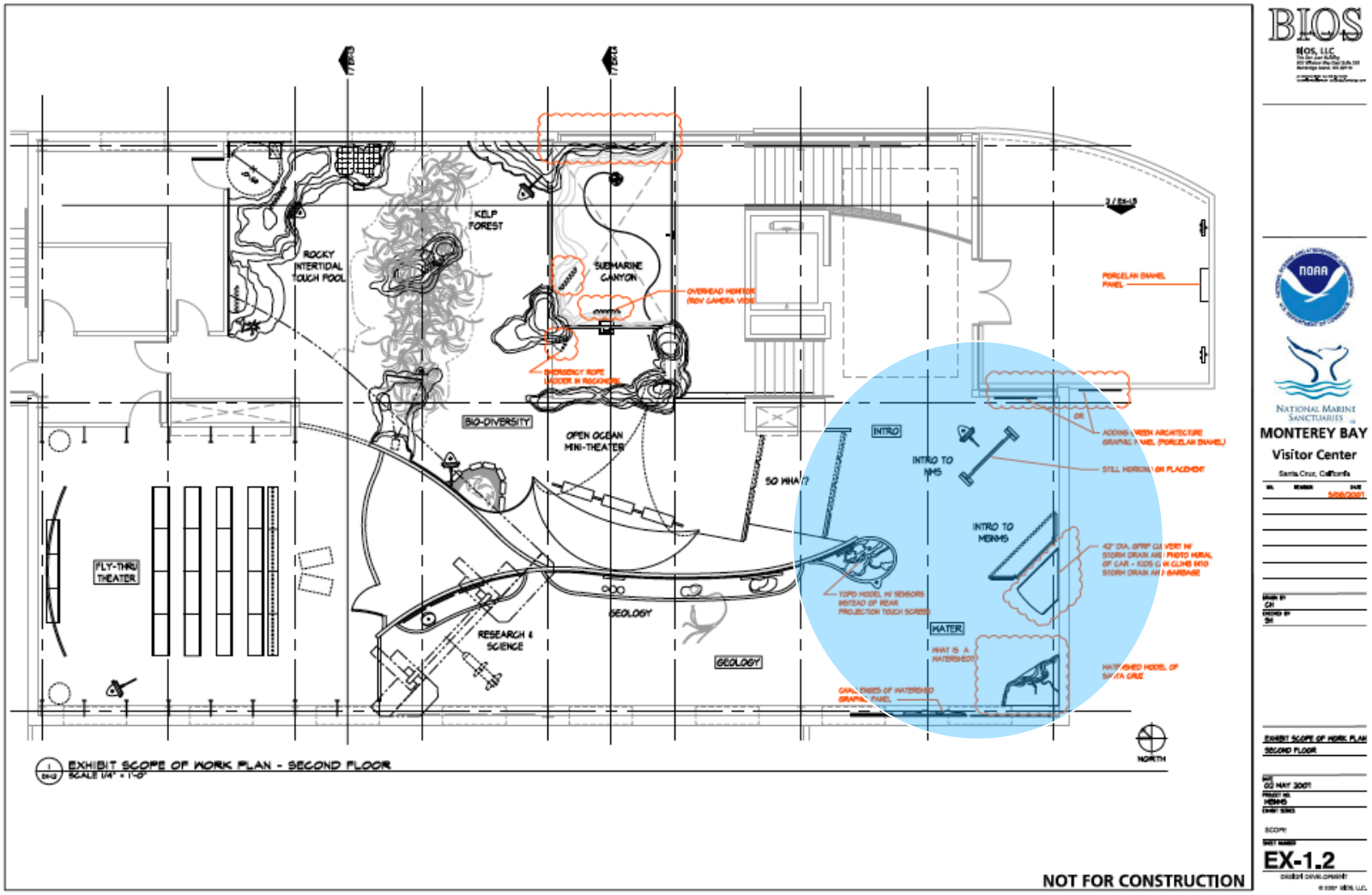


FIRST FLOOR PLAN



SECOND FLOOR PLAN


Explore your
Explore su Bahía
Top
Location Icon
Deep Sea Icon
Front View
Davidson Seamount
Underwater mountains like Davidson rise up from the deep seafloor. They are home to amazing communities of sea life where scientists continue to discover new kinds of organisms.
Marine Sanctuaries


BIOS
BIOS, LLC
KELP FOREST
ROCKY INTERTIDAL TOUCH POOL
SUBMARINE CANYON
OVERHEAD MONITOR (ROV CAMERA VIEW)
EMERGENCY ROPE LADDER IN ROCKWORK
PORCELAN ENAMEL PANEL
BIO-DIVERSITY
OPEN OCEAN MINI-THEATER
INTRO
INTRO TO NMS
INTRO TO MENMS
SO WHAT?
FLY-THRU THEATER
RESEARCH & SCIENCE
GEOLOGY
GEOLOGY
WATER
WHAT IS A WATERSHED?
TOPO MODEL W/ SENSORS INSTEAD OF REAR PROJECTION TOUCH SCREEN
WATERSHED MODEL OF SANTA CRUZ
NORTH
EXHIBIT SCOPE OF WORK PLAN - SECOND FLOOR
SCALE 1/4" = 1'-0"
NOT FOR CONSTRUCTION
NATIONAL MARINE SANCTUARIES
MONTEREY BAY
Visitor Center
Santa Cruz, California
EXHIBIT SCOPE OF WORK PLAN
SECOND FLOOR
02 MAY 2001
EX-1.2

Everyone lives in a watershed

Todos viven en una línea aguas

The sanctuary's watershed

Seven thousand square miles of land drain into the sanctuary through 10 major watersheds and 5 major rivers.

Water from creeks travels more than 200 miles before flowing into the sanctuary at the mouth of the Salinas River.

Spanish headline goes here

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.

What is a watershed?

A watershed is an area of land where water collects and drains into a river, lake or ocean.

We all live in a watershed whether we live in Salinas or Kansas or India. Even if we can't see it from home, the water that falls on our roofs flows into a river, a lake and eventually, the ocean.

Watersheds come in all sizes from a single hillside that drains into a small creek to all of North America west of the Rocky Mountains that drains into the Pacific Ocean.

So remember, whatever you put in your watershed eventually ends up in the ocean.

¿Qué es una línea divisoria de las aguas?

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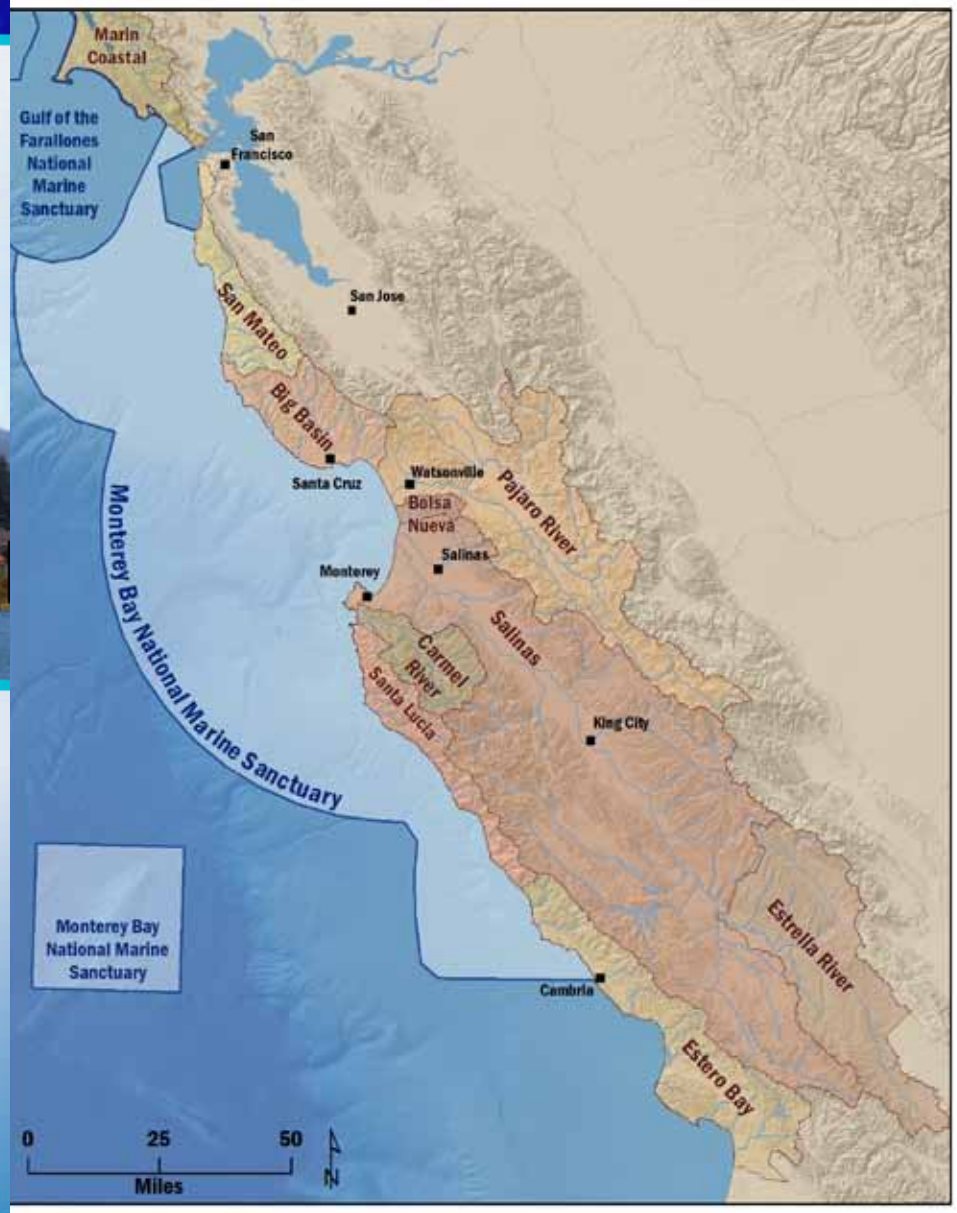
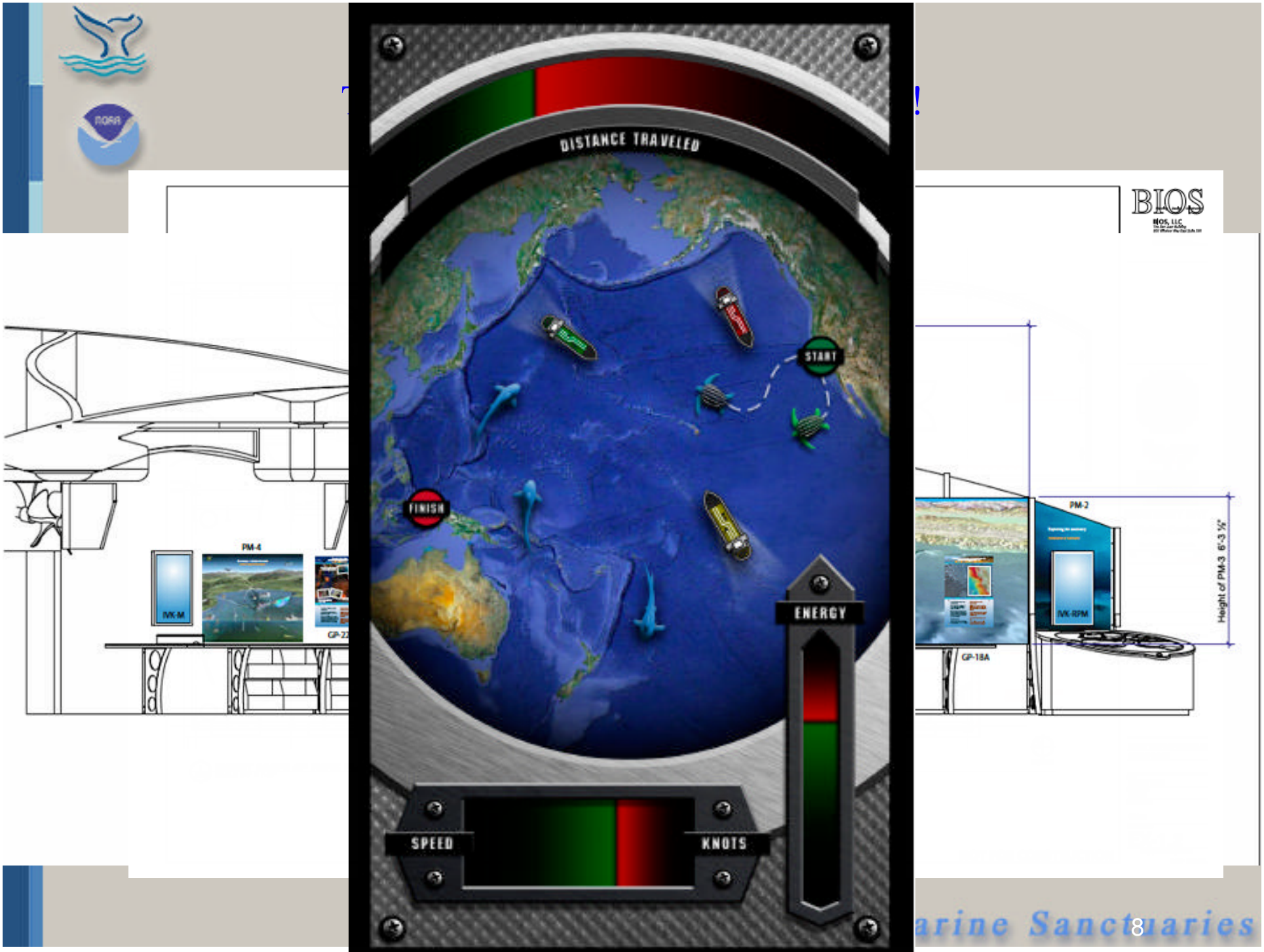
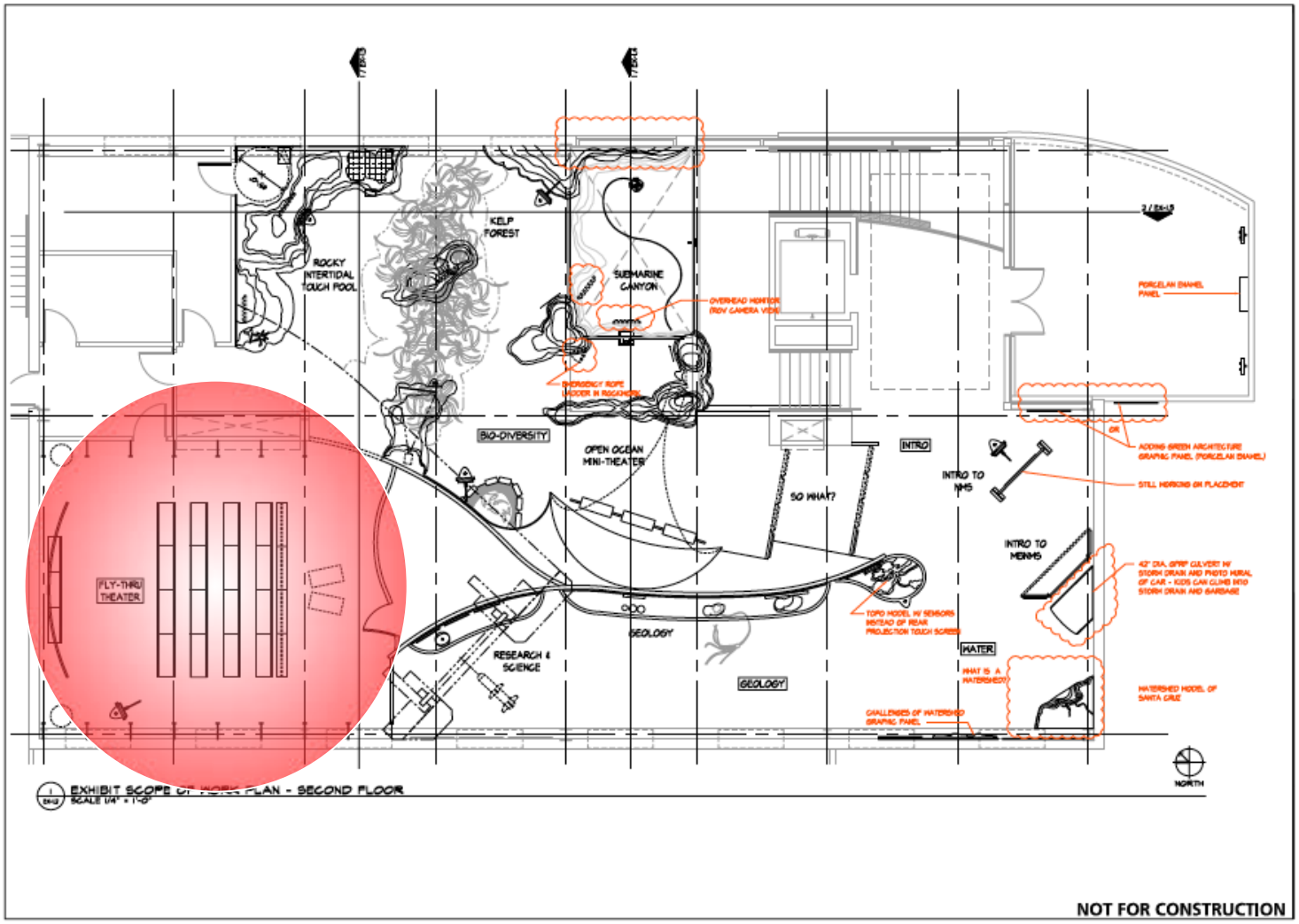
Watersheds flowing into the Monterey Bay National Marine Sanctuary




DISTANCE TRAVELED
START
FINISH
ENERGY
SPEED
KNOTS
BIOS
PM-4
IVK-M
PM-2
IVK-RPM
GP-18A
Height of PM-3 6'-3 ½"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INTRO TO MBNMS
PORCELAIN ENAMEL PANEL
OR
ADDING GREEN ARCHITECTURE GRAPHIC PANEL (PORCELAIN ENAMEL)
STILL WORKING ON PLACEMENT
42" DIA. CMP CULVERT W/ STORM DRAIN AND PHOTO MURAL OF CAR - KIDS CAN CLIMB INTO STORM DRAIN AND GARBAGE
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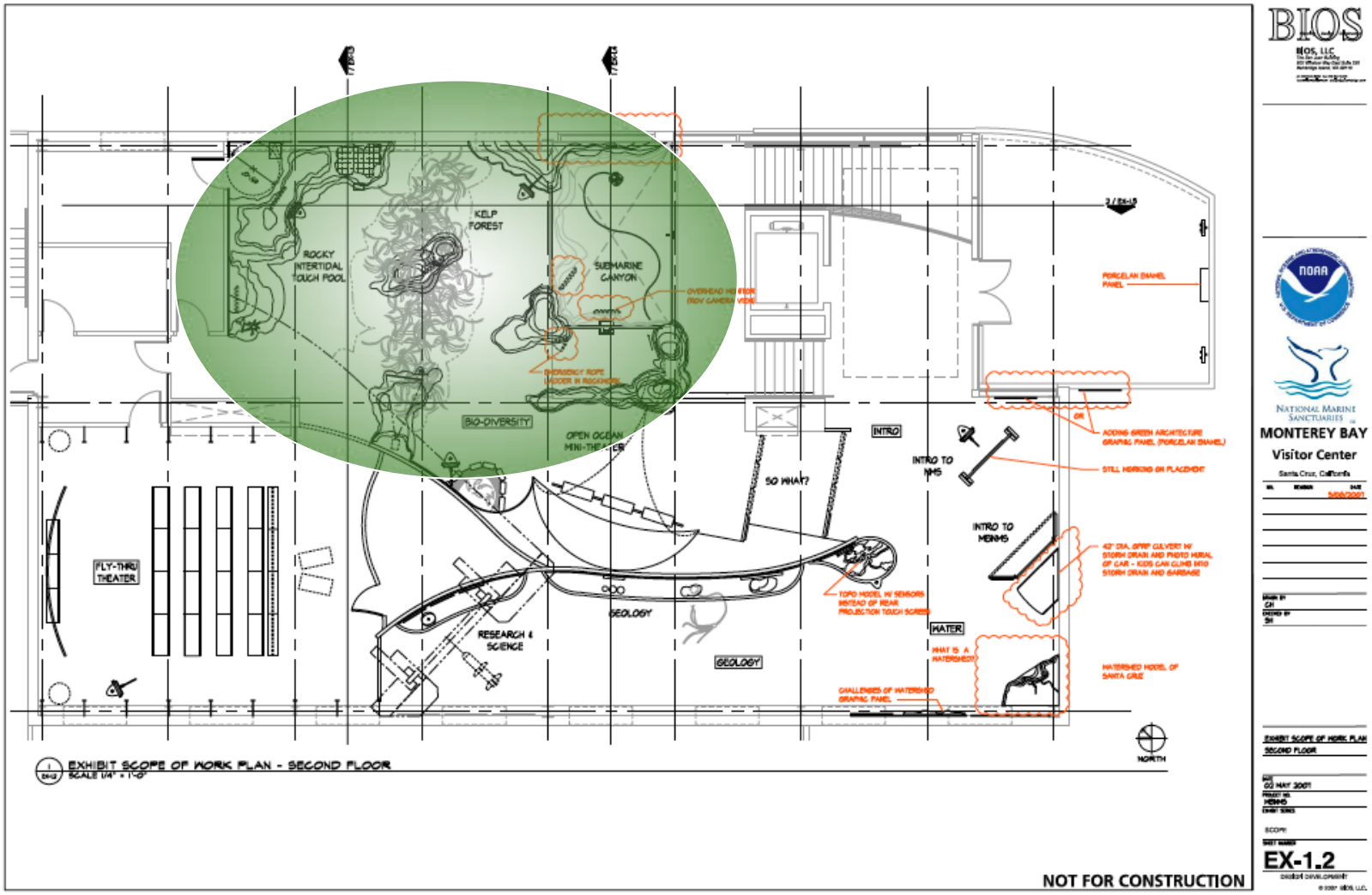
NATIONAL MARINE SANCTUARIES
MONTEREY BAY
Visitor Center
Santa Cruz, California
EXHIBIT SCOPE OF WORK PLAN
SECOND FLOOR
02 MAY 2007
EX-1.2
© 2007 BIOS, LLC

TALBOT
®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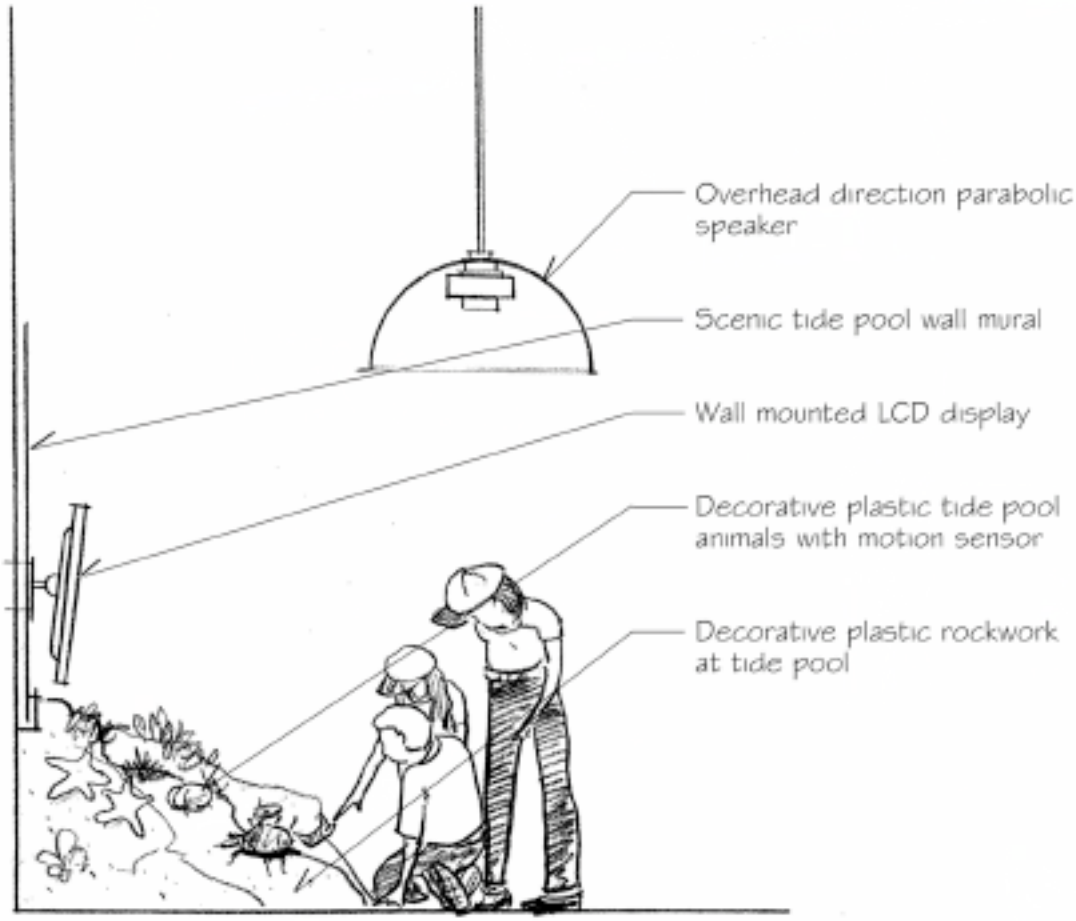
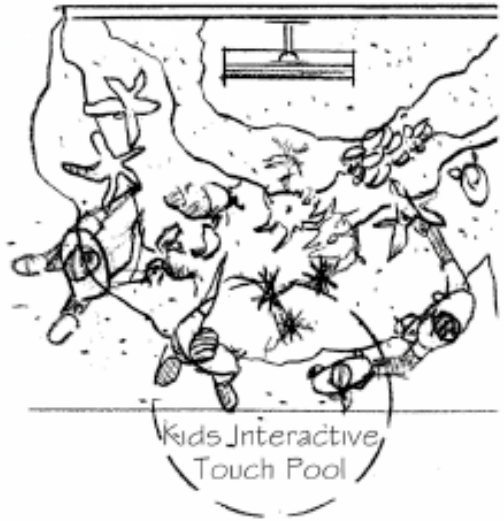


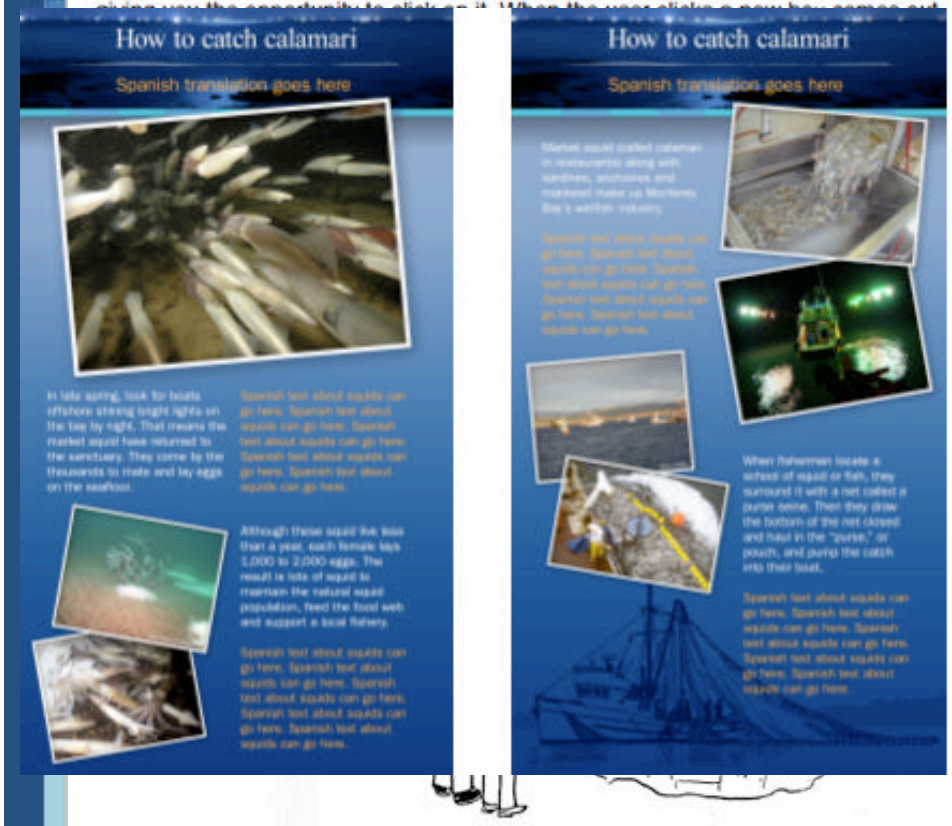
Side view



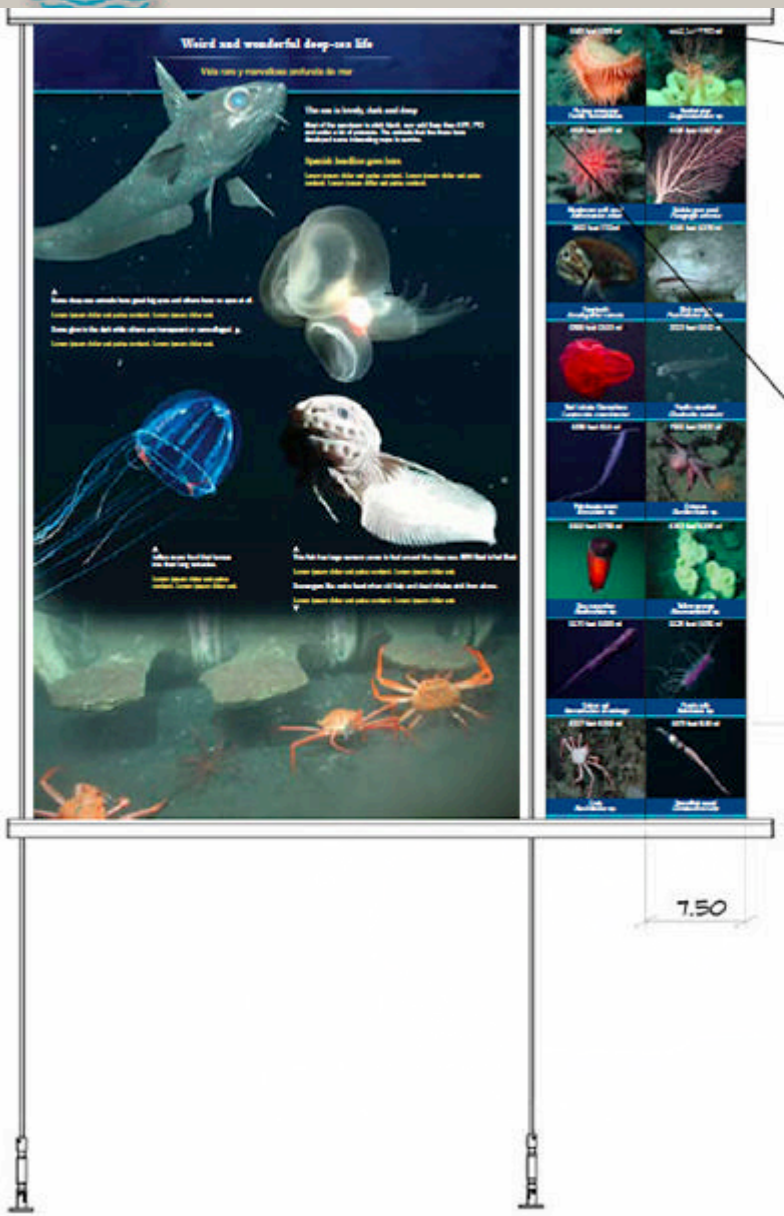
Plan view

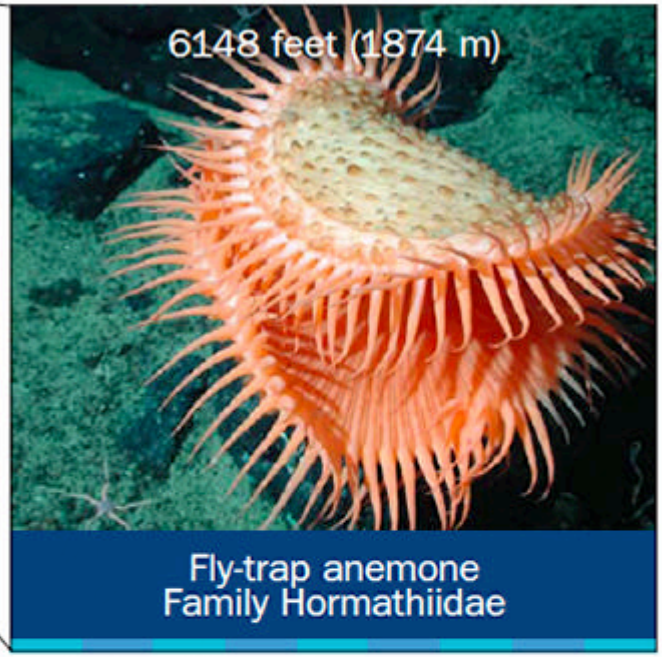
IVK-KFZ Overview

The scene is a live-motion kelp forest. The kelp is swaying in the ocean with live creatures swimming around it. The user will approach the unit and find a roller trackball that moves the viewing area of the kelp stalk up to the canopy or down to the holdfast. As the user moves up and down the kelp forest using your roller trackball, they will come across "glowing nodes" along the kelp stalk. Each "node" the users roll-over while going up and down the forest displays a preview image,



Main Interface


Weird and wonderful deep-sea life
7.50
7.50


6148 feet (1874 m)
Fly-trap anemone
Family Hormathiidae

The following messages will appear on the applicable screens:

This is your sanctuary

You are part of this sanctuary

Enjoy your sanctuary

Explore your sanctuary

Protect your sanctuary

Visit your sanctuary

Treat it with care

Care for your sanctuary

Volunteer in your sanctuary

Keep your sanctuary clean

Sanctuary Exploration Center Completion Schedule

December, 2006:	Conceptual Design complete
February, 2007:	Architectural Schematic Design complete.
March, 2007:	Exhibits Schematic Design complete
September, 2007:	Design Development complete
March, 2008:	Environmental Assessment Complete
January 2009:	50% Exhibit Construction Documents
February, 2009:	95% Facilities Construction Documents complete
March 2010:	Contractors Pre-qualification
March 2010:	100% Exhibit Construction Documents complete
March 2010:	100% Facilities Construction Documents Complete
June, 2010:	Bid and Award Building and Exhibits Construction
July 2010:	Groundbreaking Ceremony!!

June 2010-August 2011: Facility & Phase I Exhibit Construction
Sept 2011-June 2012: Exhibit Phase II Construction