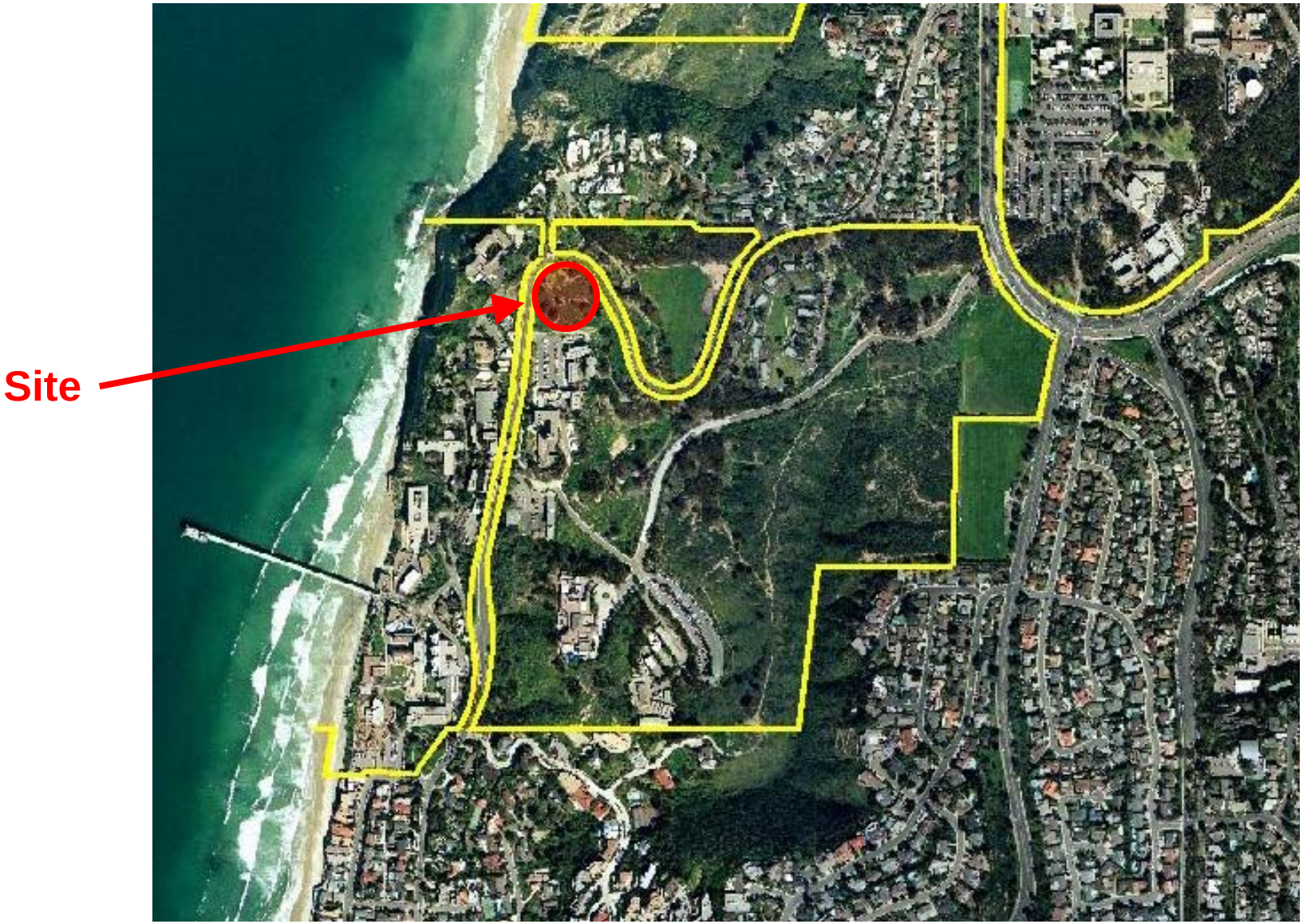
Regents Committee on Grounds and Buildings
Preliminary Review of Design
March 17, 2009

UC San Diego
National Oceanic and Atmospheric Administration (NOAA)
La Jolla Laboratory Replacement

Project Background

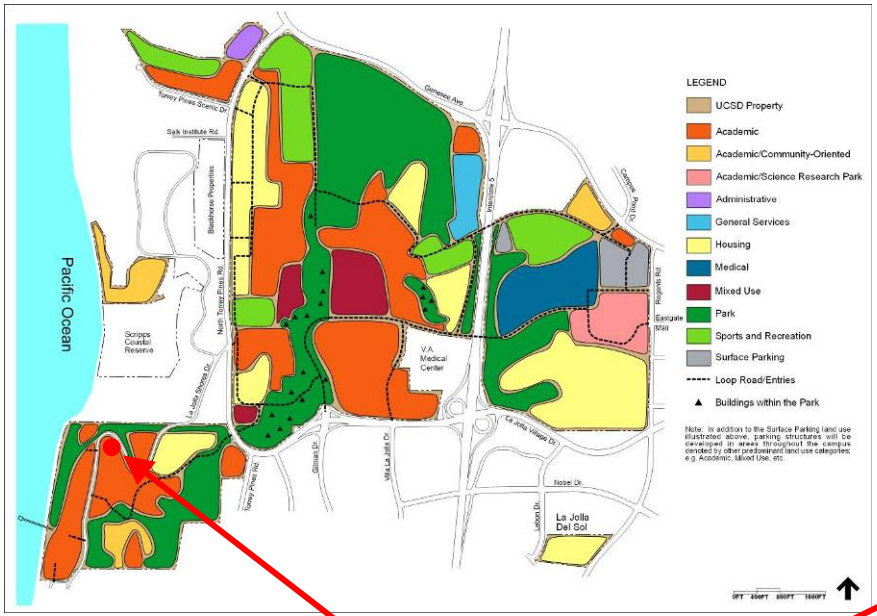
- Long term ground lease to federal government
- Project managed by NOAA
- Replace the existing NOAA National Marine Fisheries Service's Southwest Fisheries Science Center
- Project would provide approximately 214,065 ogsf / 156,267 asf of laboratories, office, conference, support space, and underground parking.
- The project will achieve a minimum USGBC LEED Silver rating

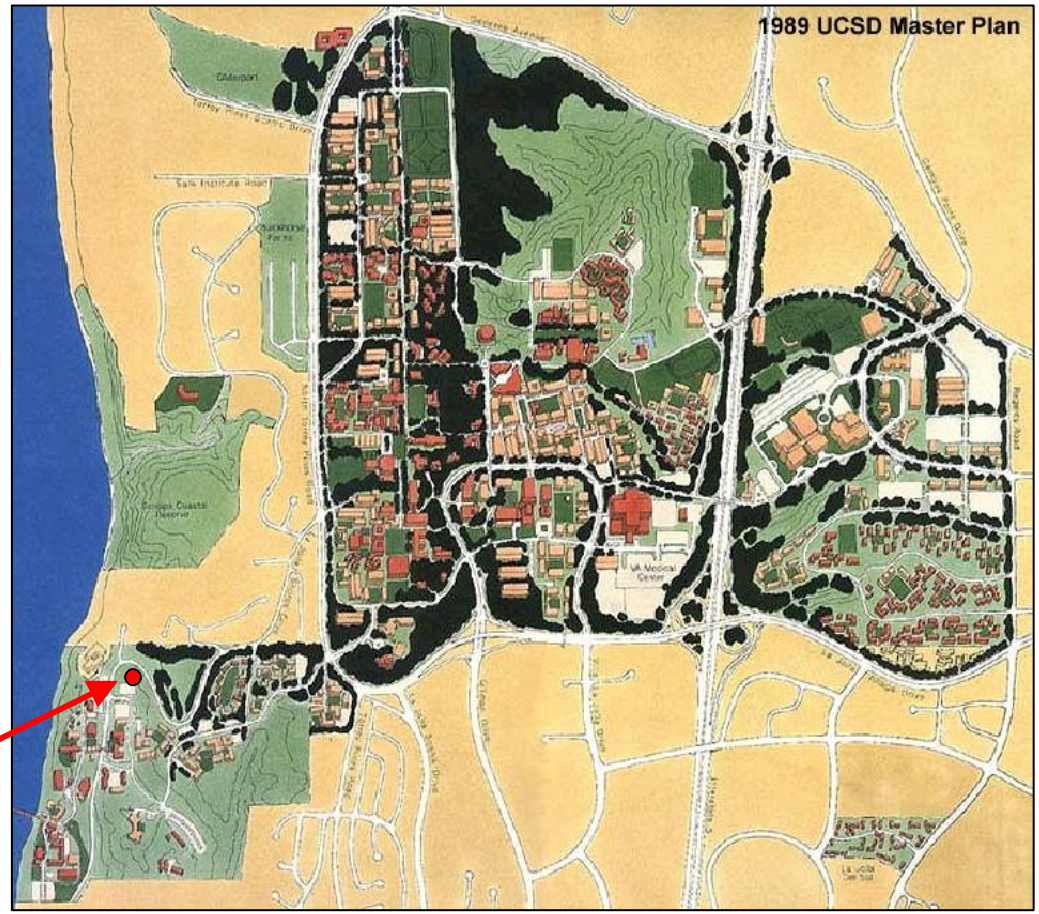
Aerial Photo of UC San Diego Campus



Aerial Photo of Scripps Institution of Oceanography

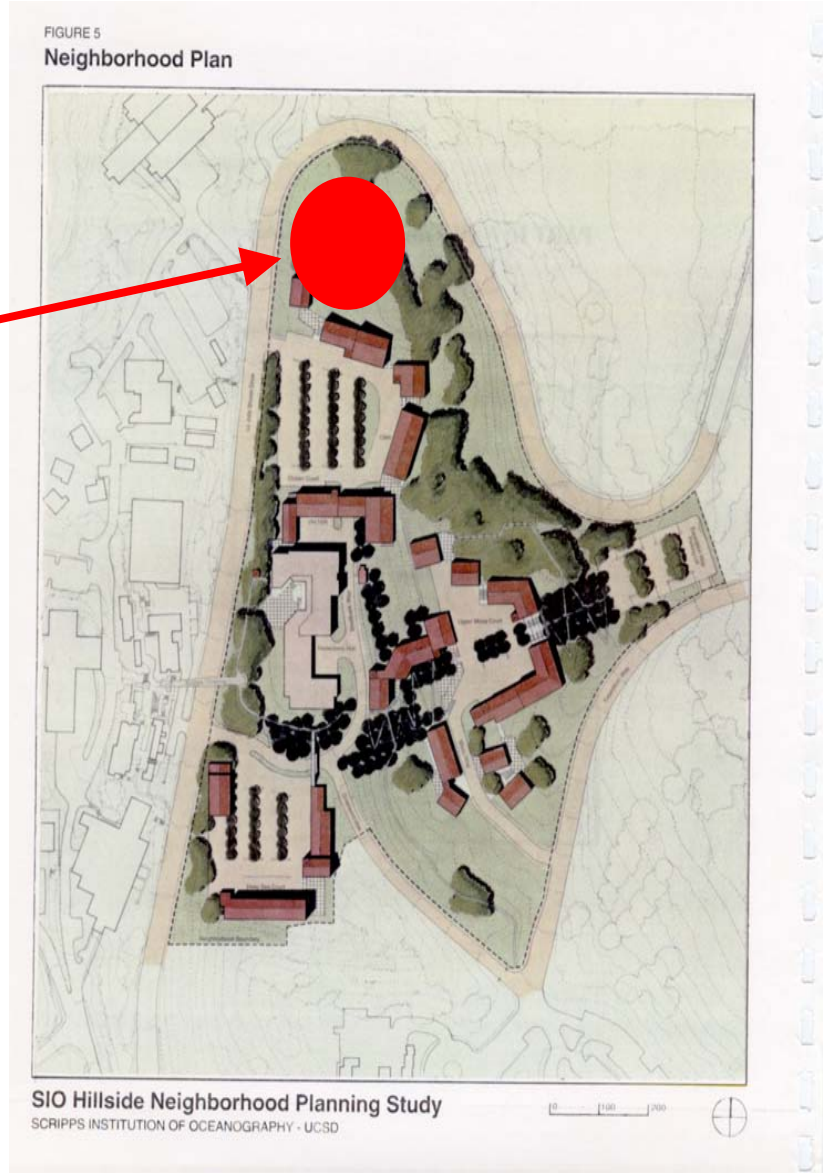
2004 LRDP AND 1989 UCSD MASTER PLAN





Site

Site



SIO Hillside Neighborhood Planning Study

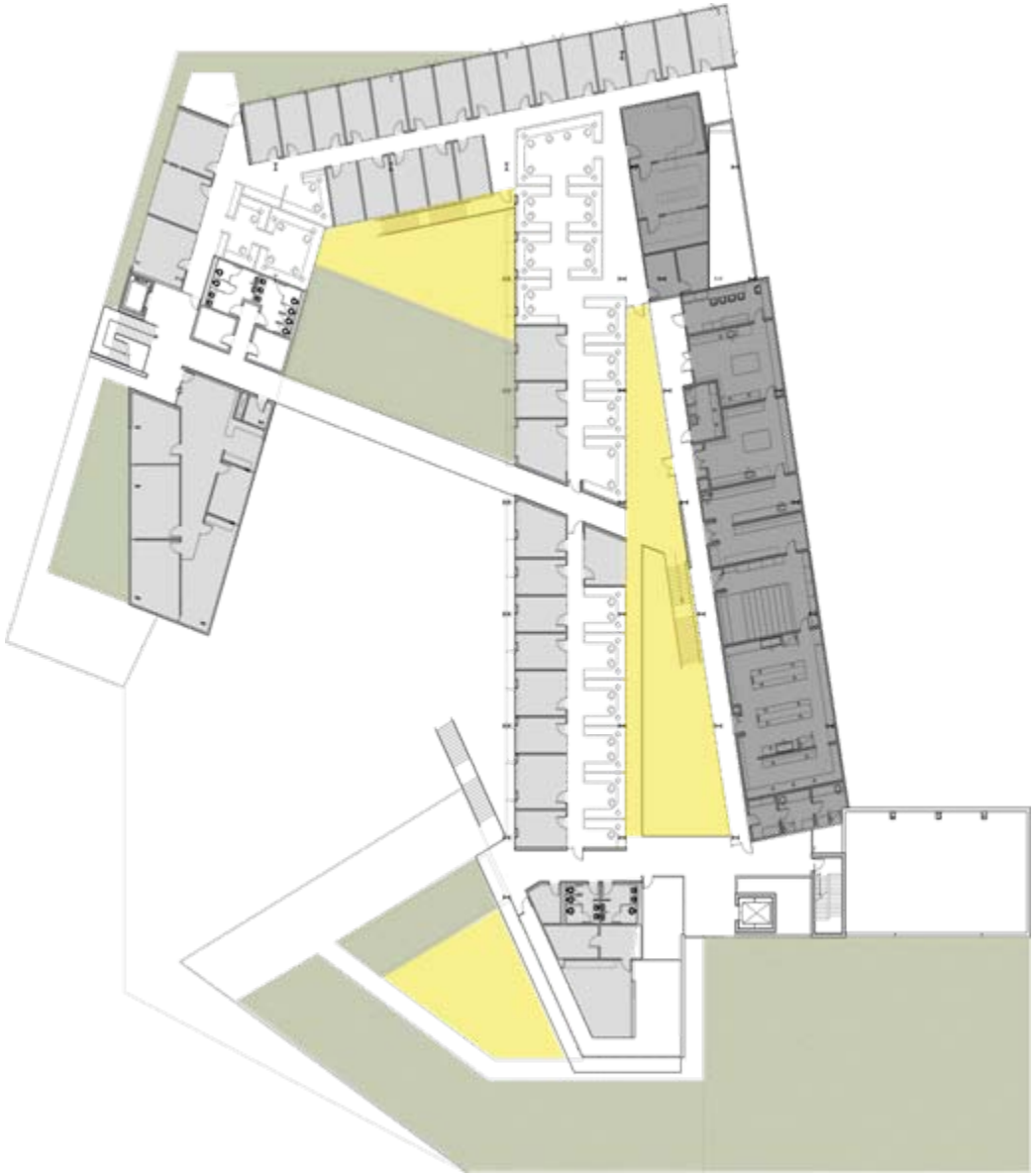
PUBLIC VIEWS

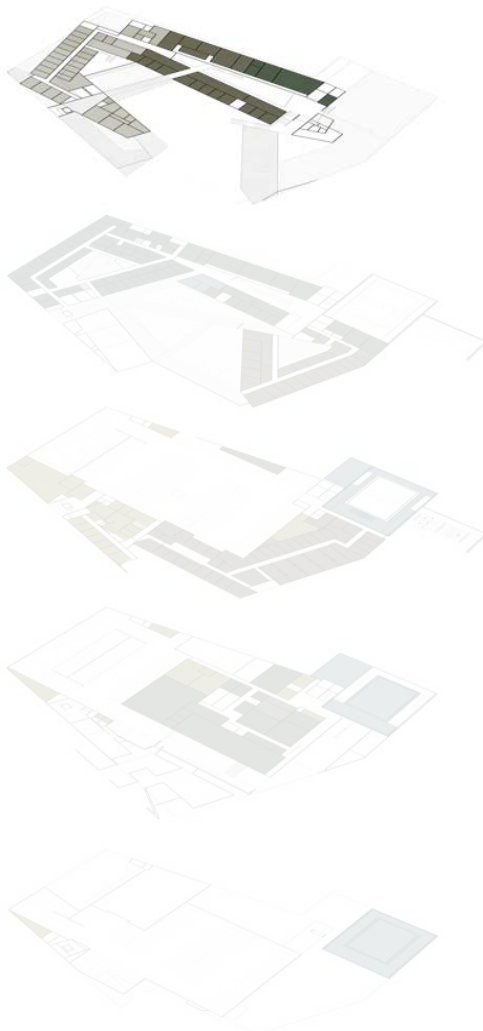
Campus Context
Scripps Institution of Oceanography

Campus Context

Computer Generated Model Movie
(slides following shown only if movie view fails)

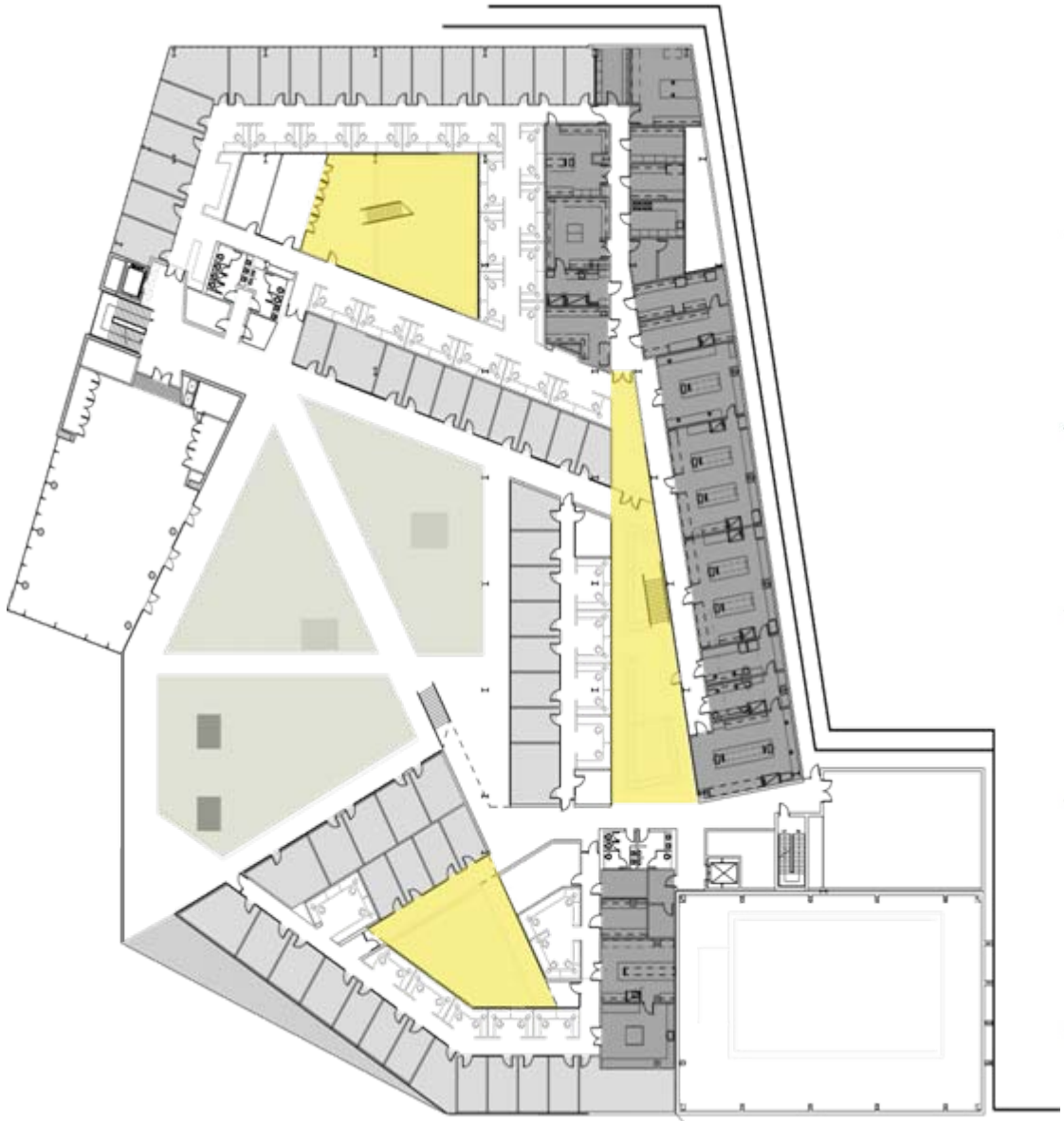
LEVEL 4

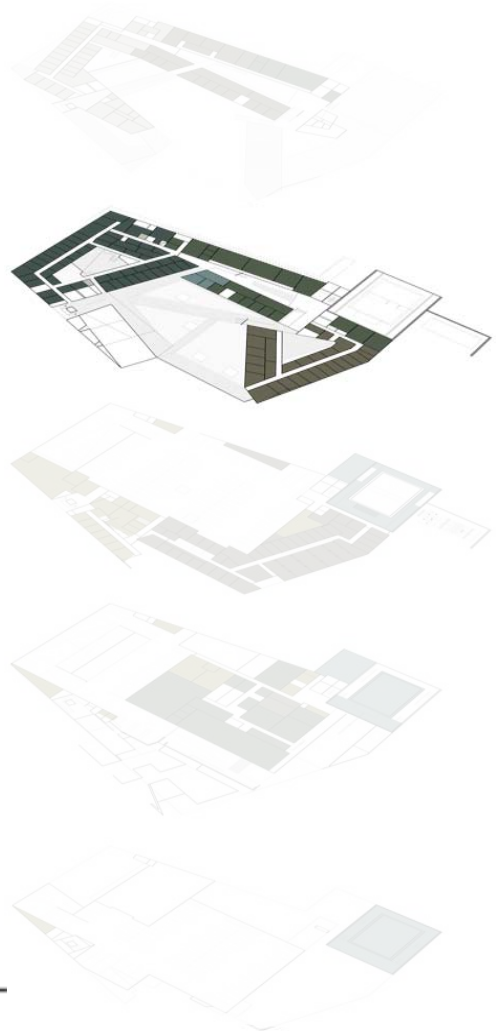




Offices and Laboratories

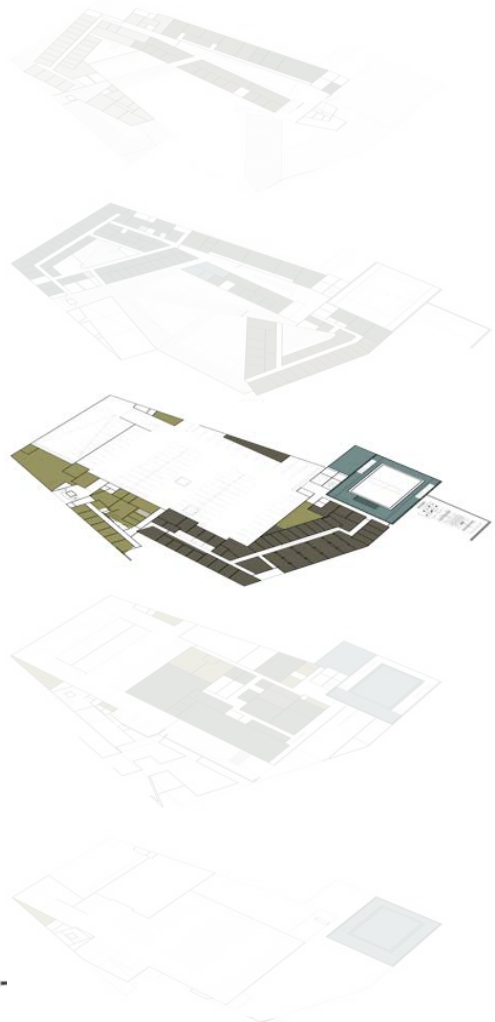
LEVEL 3





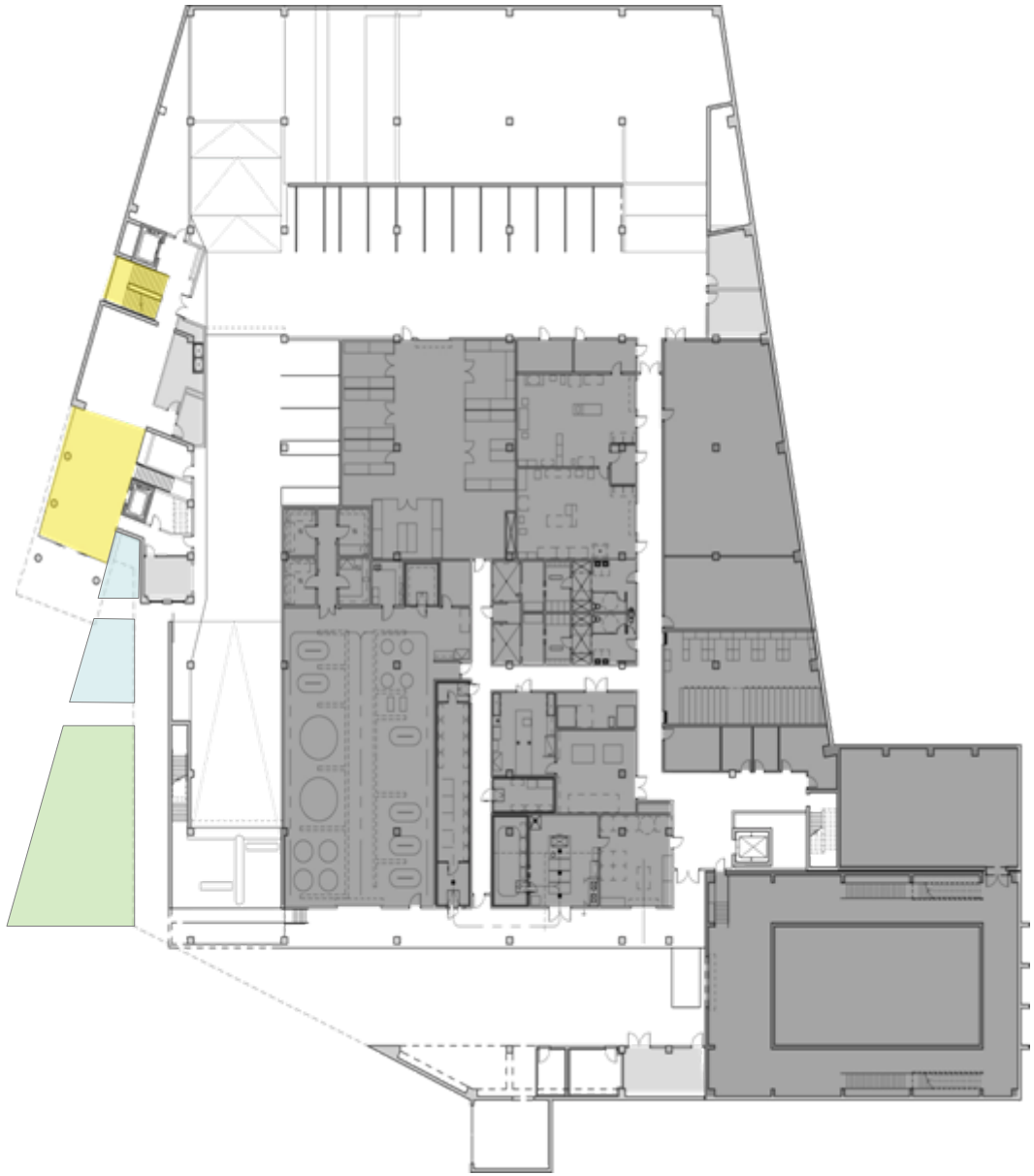
Offices and Laboratories

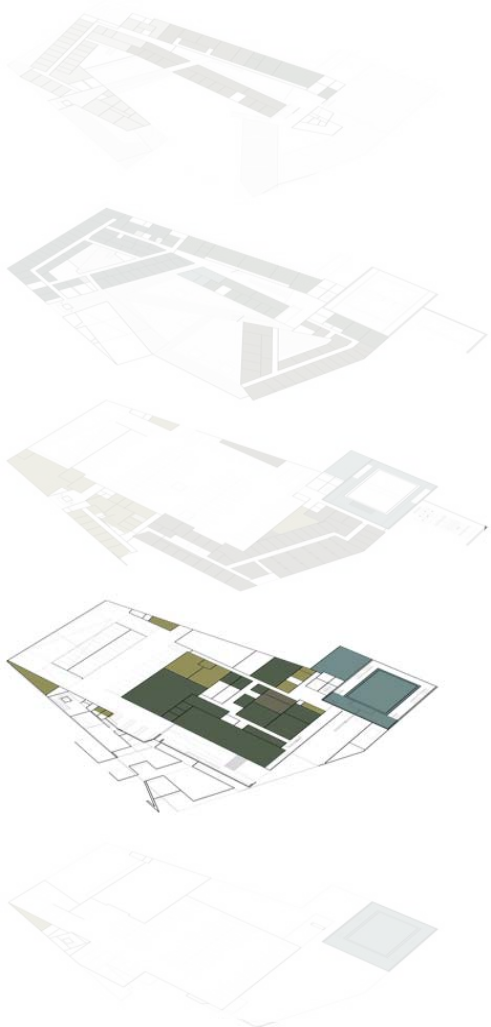
LEVEL 2



Offices, Administration and Parking

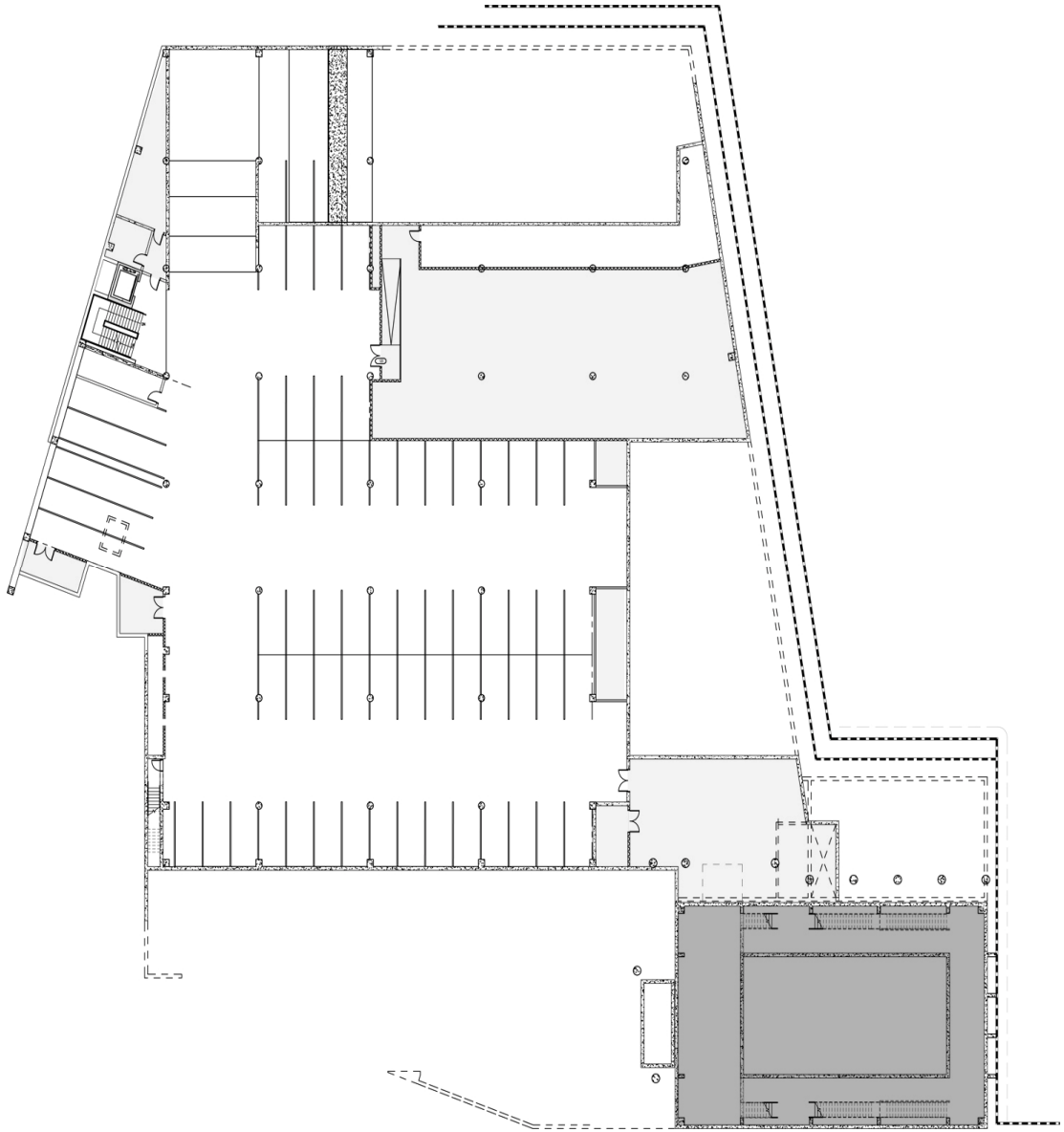
LEVEL 1

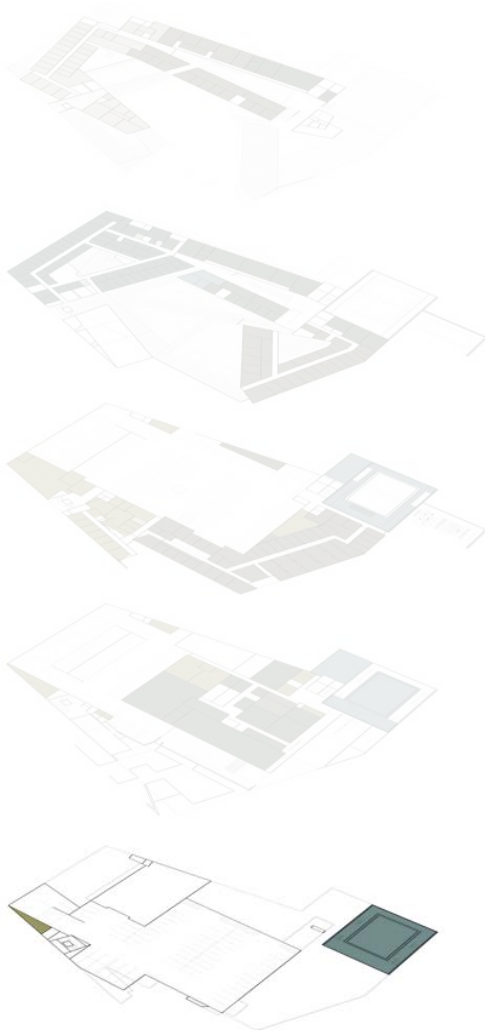




Building Support Spaces

LEVEL P





Parking and Acoustic Tank Laboratory

3D RENDERING

AERIAL VIEW

View of building from the west

3D RENDERING

AERIAL VIEW

View of building entrance area looking up La Jolla Shores Drive

3D RENDERING
LOOKING NORTHEAST

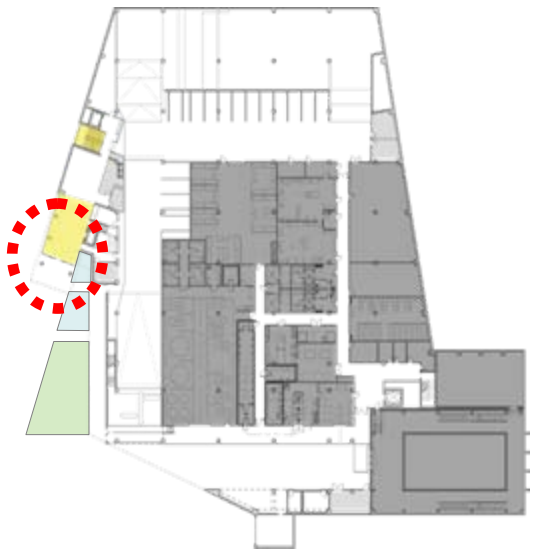
Computer model of building entry facade

PANORAMA VIEW

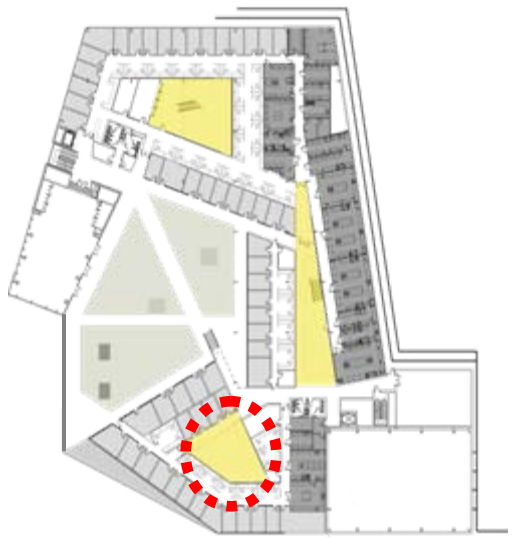
Views to the ocean remain unchanged as building is built into hillside. Roof is treated as an exterior elevation with sustainable green roof and photovoltaic panels

3D RENDERING

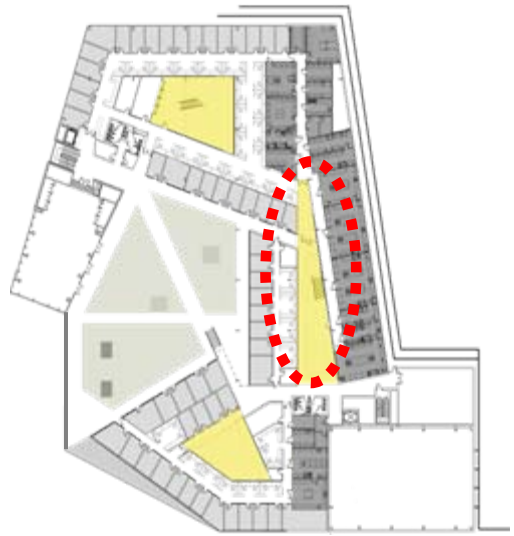
ENTRY LOBBY



3D RENDERING
PROGRAM COURT

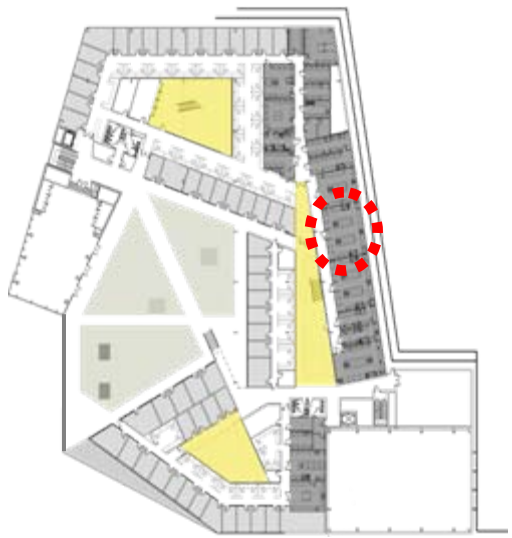


3D RENDERING
PROGRAM COURT



3D RENDERING

LAB



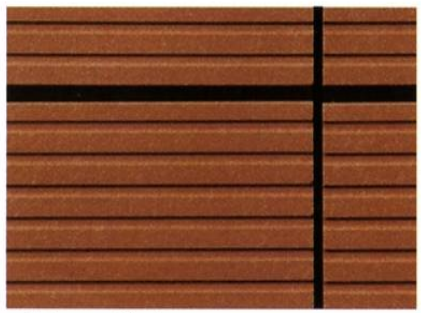

SEMINAR ROOM

EXTERIOR MATERIAL PALETTE

GLASS

gebürstet / scratch-brushed (1:1)

WOOD SOFFITS



gerillt / grooved (1:6)

TERRA COTTA SUNSCREEN

STUCCO

STOREFRONT FRAMING

CONCRETE

Materials include concrete structure, terra cotta sunscreen elements, wood soffits and clear glazing

Sustainability Features

- Naturally ventilated offices
- Effective use of daylighting opportunities
- Bicycle facilities/employee showers
- Dedicated parking for low emission vehicles
- Storm water treatment system
- Partially vegetated roof system
- Low flow plumbing fixtures
- Photovoltaic infrastructure
- Reintroduction of native landscaping
- Regional and recycled content materials
- Recirculating seawater supply system

Discussion…

Slides after this are not in formal presentation…

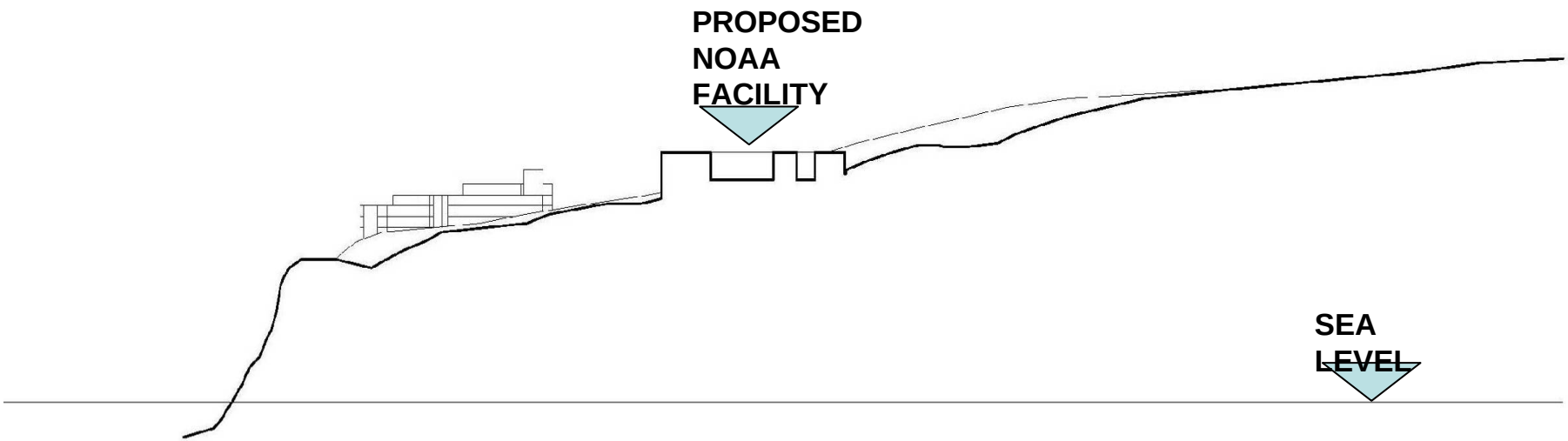
MEMBERS OF THE COMMITTEE ON GROUNDS AND BUILDINGS
For the Meeting of March 17, 2009

BACKGROUND INFORMATION
FOR
PRELIMINARY REVIEW OF DESIGN
NOAA LA JOLLA LABORATORY REPLACEMENT PROJECT
SAN DIEGO CAMPUS

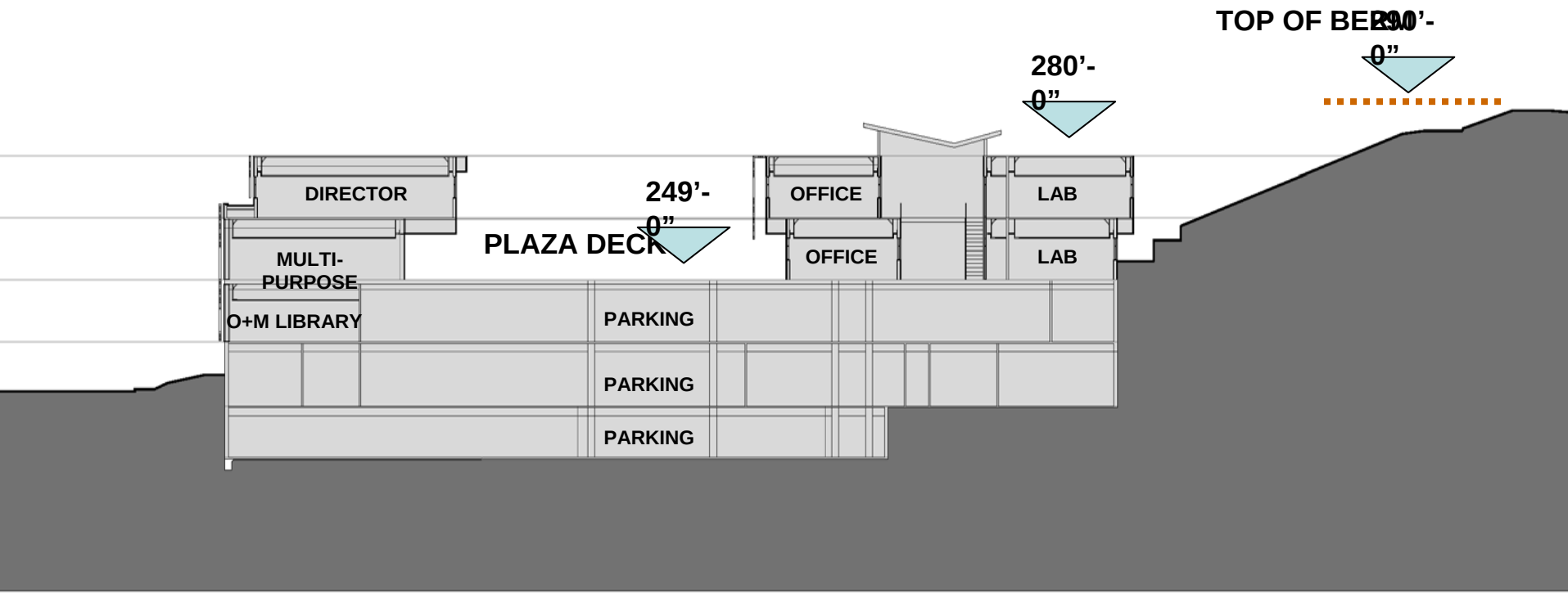
- The NOAA La Jolla Laboratory Replacement Project will be located on an undeveloped 3.3 acres site located in the Scripps Institution of Oceanography (SIO) neighborhood of the University of California at San Diego campus.
- The new facility will replace the existing NOAA Southwest Science Center (NOAA) whose site is experiencing significant coastal bluff erosion. The new site is located directly opposite the existing NOAA facility across La Jolla Shores Drive.
- The facility will be Federal Government funded with the site obtained from UCSD via a long-term ground lease.
- The collocation of the existing NOAA facility at SIO has fostered synergistic interactions between the two institutions for over 50 years.
- The collaboration enables SIO to better fulfill its mission, “to seek, teach, and communicate scientific understanding of the oceans, atmosphere, Earth, and other planets for the benefit of society and the environment”.
- Direct benefits to the SIO/NOAA collaboration include an extensive list of joint research projects and publications, financial support for SIO graduate students and the adjunct status of a number of NOAA scientists who teach and advise SIO students
- The annual NOAA support to University programs is valued at over $6.5M.
- Project is to be delivered by the Federal Government utilizing a traditional Design/Bid/Build delivery system.
- The project design is a single building comprised of five levels terracing into the steeply sloped site to create the lowest profile possible to maintain views from the provide La Jolla Shores Drive view corridor. Four levels are above ground with one level of underground parking.
- The proposed project would provide approximately 214,065 overall gross square feet (ogsf)/156,267 assignable square feet (asf) of laboratories, office, conference, support space, and underground parking.
- The project proposes a groundbreaking of March 2010 and is estimated to be completed for a Spring 2012 occupancy.
- The project will achieve a minimum USGBC LEED Silver rating.
- Total construction costs are estimated at $84,000,000.

SITE SECTION

WEST - EAST



BUILDING SECTION



NORTH-SOUTH SITE SECTION