Half Moon Bay Library
Neighborhood Context
Located just a block from Main Street, the Half Moon Bay Library is close to the lively downtown of Half Moon Bay, next to a public middle school, surrounded by residential housing, and small scale professional and commercial businesses.
Exterior Entry from Purissima Street
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Natural Materials and Ocean Views
The design character relies upon a refined coastal palette. Simple, natural materials such as reclaimed wood, patinated copper and rough stone will weather attractively with minimal maintenance. Everywhere, natural light and views of nature and the ocean draw the outside into the interior space.
Oriented for the Environment
Using PV panels, natural ventilation, high-performance heating and cooling systems, a high-performance building envelope, passive solar shading, and thoughtful siting and design reduces the need for energy.
Achieving Ambitious Sustainability Goals
The building is designed to achieve both Zero Net Energy and LEED Platinum certification.
Bring the Outside In  Natural materials reflect the coastal character throughout the library.

<table>
<thead>
<tr>
<th>Spaces</th>
<th>Materiality</th>
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<tbody>
<tr>
<td>1. GROUP STUDY</td>
<td>A. PRE-WEATHERED T&amp;G CEDAR SIDING</td>
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<td>2. ADULT READING ROOM</td>
<td>B. EPIC DECK: STRUCTURAL, ACOUSTIC &amp; INSULATING DECK</td>
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<td>3. CHILDREN’S LIBRARY</td>
<td>C. RECLAIMED TEAK</td>
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<tr>
<td>4. LIBRARY PROGRAM ROOM</td>
<td>D. FSC WOOD FRAMING</td>
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<td></td>
<td>E. GREEN ROOF</td>
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<td>F. HEAT ABSORBENT/RADIANT STONE</td>
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<td>G. LOW ALBEDO STANDING SEAM METAL ROOF</td>
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<td>H. COAST INSPIRED WOOD PANELING</td>
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<td>I. PRE-WEATHERED COPPER PANELS</td>
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Entry: First Steps Into the Library
Entry Service Desk and Children’s Portal
First Floor  Children’s Area
First Floor  Children’s Collection & Technology
Designed for Learning and Fun

The pint-sized portal gives kids a fun way to get into the children’s area. Green and blue pops of color represent playful water droplets and sea glass.
Connections to the Outdoors
The Children's Garden is directly accessible from the children’s area, and visible through large windows with generous window seats.
Courtyard

Children's Garden and Willow Thickets
Center of Activity
A community courtyard acts as an outdoor reading room, program space, and social scene. Nestled between the two wings, it is protected from ocean winds and captures the warmth of the sun.
A Space for the Community to Gather

The large community/program room seats 130 people, or can be split using an operable partition, or even opened to the courtyard for large events.
Second Floor Plan

1. Reading Room
2. Teen Spot
3. Makerspace
4. Quiet Study
5. Quiet Reading
6. Group Study
7. Literacy Room
8. Green Roof
9. Restrooms
10. Utility Room
11. Exit Stair
Connecting the Two Floors
Ascending the stairs, patrons pass the beautiful reclaimed teak cladding of the main elevator. The service desk is strategically positioned so staff can easily monitor activity on both floors.
A Light-Filled Reading Room
The dramatic wood and metal composite structure of the roof is exposed to create a grand room that looks towards the Pacific Ocean. The king-post trusses and tie-rods are evocative of the rigging of a ship, and natural materials such as patinated copper, reclaimed wood, and rough stone are articulated with clean and contemporary detailing.
A Peaceful Place to Read
The quiet reading room offers an intimate and acoustically separate space for reading and individual work.
Integrating Tinkering and Chill

With flexible furniture that can be reconfigured, the teen room has a direct view of the green roof and access to the makerspace.
Designed for Efficient Staffing
The library's organization was developed in close consultation with library staff to maximize efficiency. The library tripled in size, but is supported by a similar number of staff. The open design provides excellent visibility to all areas of the building. The staff workspace is well organized for a productive work environment.
Makerspace Activities for all ages
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HALF MOON BAY LIBRARY

CAE INFORMAL LEARNING SUBCOMMITTEE

CHRIS NOLL, FAIA PRINCIPAL