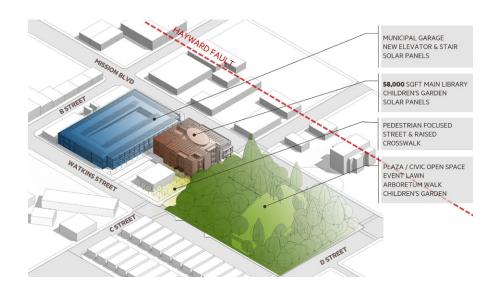
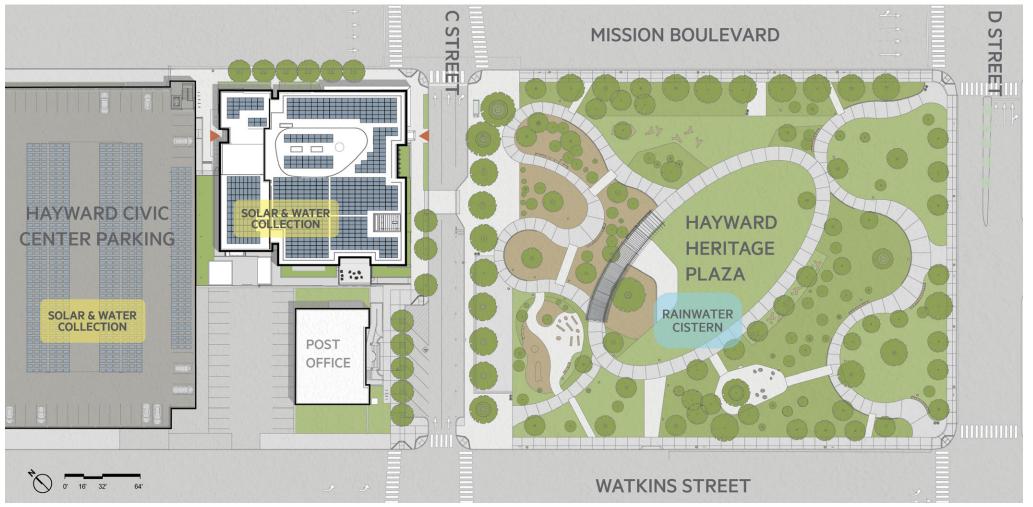
At the height of the Black Lives Matter protests, the library messaged "Unity" as a display of allyship for the Hayward Community

HAYWARD LIBRARY

The Hayward Library and Community Learning Center exemplifies the City's commitment to sustainability and the broader strategy to revitalize Downtown Hayward. Designing and engineering a highly efficient building and encouraging the City and project team to think beyond LEED Certification and envision a Zero Net Energy facility. In response to Hayward's climate action plan, renewable energy, reclaimed water, and the creation of Civic green space seeks to enliven the urban core.







C Street Main Entrance



Lobby & Atrium



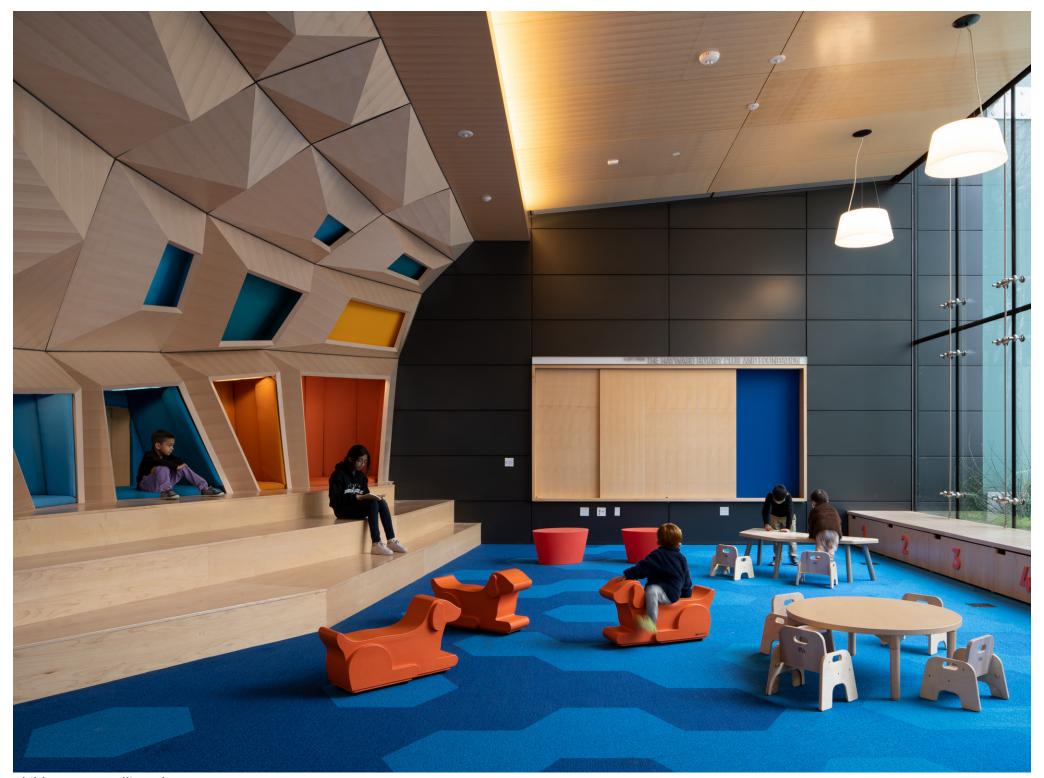


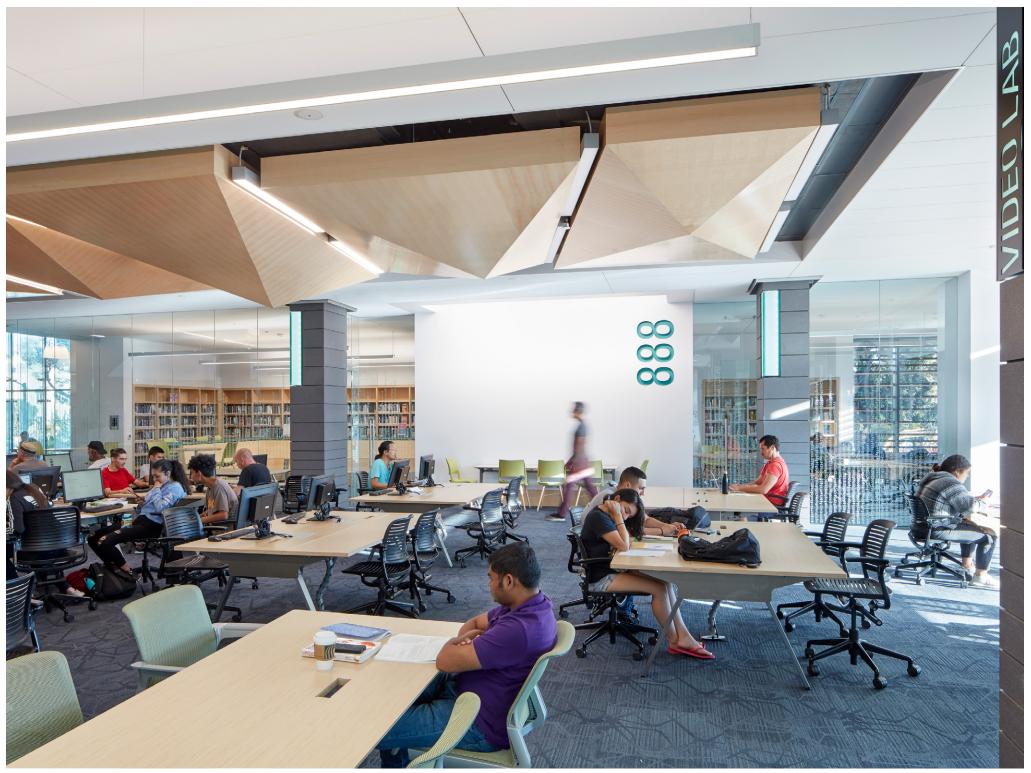
Children's Library



Tween Space

Service & Study





Teen Library & Technology





Teen Library

Flexible Community Room

"Presenting the Library and New Learning Center really made a difference. [The City] was thinking ahead, and not just trying to beautify. Literacy and academic performance had become a major milestone in the general plan. It was important that we give kids and families some support."

- Fran David, Former Hayward City Manager



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Central Stair & Adult Library



Main Reading Room





Atrium Daylighting

Audio & Video Learning

THIRD FLOOR FOCUS / REFLECTION / COLLECTIONS



- COMMUNITY LEARNING SPACE
- WORKSPACE / LITERACY PROGRAM

SECOND FLOOR INQUIRY / EXPLORATION / TECHNOLOGY

FIRST FLOOR

ENTRY LOBBIES / ATRIUM

WORKSPACE / SUPPORT

CHILDREN'S LIBRARY / TUTORING

MEDIA MARKETPLACE / BOOKSTORE / CAFE

ARRIVAL / FUNDAMENTALS / ROOTS



COMMUNITY ROOMS / CONFERENCE ROOM / MAKER SPACE

WORKSPACE / BREAKROOM

Central to Hayward, the Zero Net Energy Library and Heritage Plaza energize a new civic experience, inspiring a more sustainable future





Children's Garden



Arboretum & Central Glade

Rest & Recharge

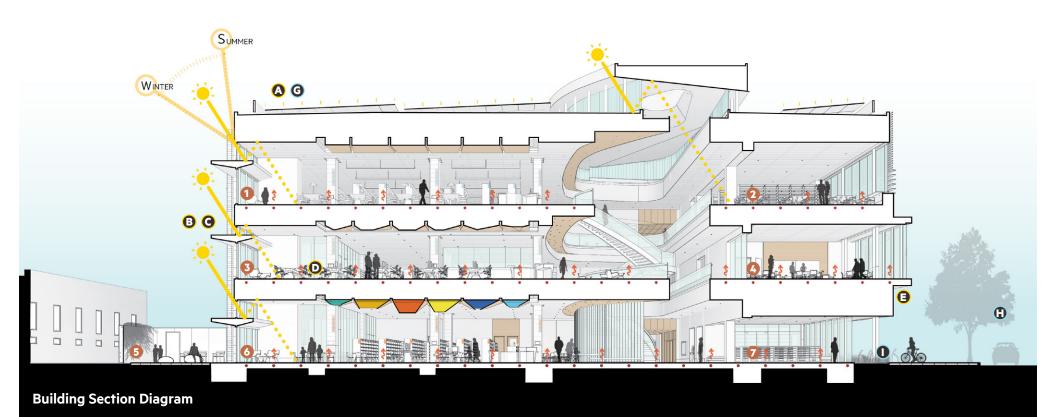


Library View from Heritage Plaza

Extending into the evening, the illuminated library acts as a prominent display of unity and community connection

DESIGN FOR INTEGRATION





DESIGN FOR EQUITABLE COMMUNITIES

Community Engagement

Local support was essential to the building's success. An extensive community process to build support for library and secure the vote on the library Bond Measure C bond began in 2012.

1 grassroots campaign

1,010 completed community surveys

125 neighborhood meetings

575 hand-signed letters by the Friends

1,416 online surveys submitted

1,000'S of pleasant phone calls

67.36% of votes cast YES for Measure C



Children's Art Installation



Friends of Hayward Library

WE ALL AGREE ON MEASURE C



"Our library is 60 years old and deteriorated! We need a modern facility with safe spaces for afterschool homework and tutoring. Measure C will make it possible."

— Judy Harrison President, Friends of the Hayward Public Library and 31-year Hayward School Librarian

PEOPLE IN HAYWARD ARE TALKING— AND THEY SAY VOTE YES ON CI

JOIN OUR GROWING LIST OF SUPPORTERS	IN OUR GROWING LIST OF S	UPPORTERS
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	Absentee Ballot or at the Poll	

Yes on Measure C

"We wanted to have a focused yet inclusive community process and use this opportunity to educate all the participants on what was possible."

- Sean Reinhart, Former Director of Library & Community Services

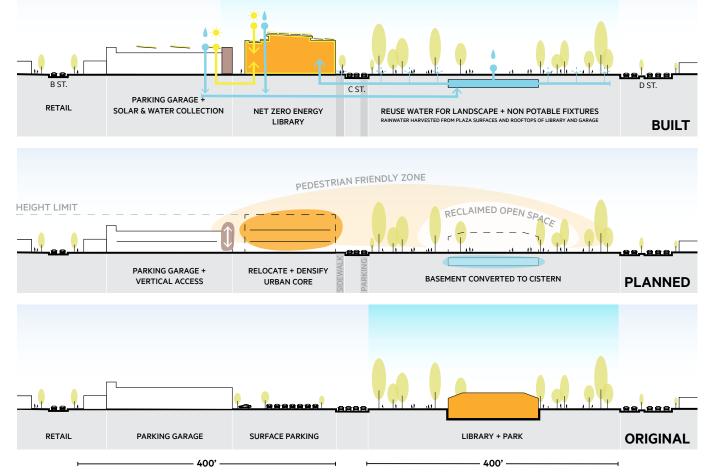
DESIGN FOR ECOSYSTEMS

Opening Up the Park

Moving the library out of the park provided a fresh perspective, allowing a restoration of the central plaza, making the entire landscape visible and therefore safer, accommodating a variety of activities and events.

This allowed for new opportunities:

- Improved Universal Access
 - Restored Plaza
 - City Arboretum
 - Civic Open Green Space
- Downtown Urban Density
 - Pedestrian Experience
- Environmental Opportunities
 - Economic Catalyst

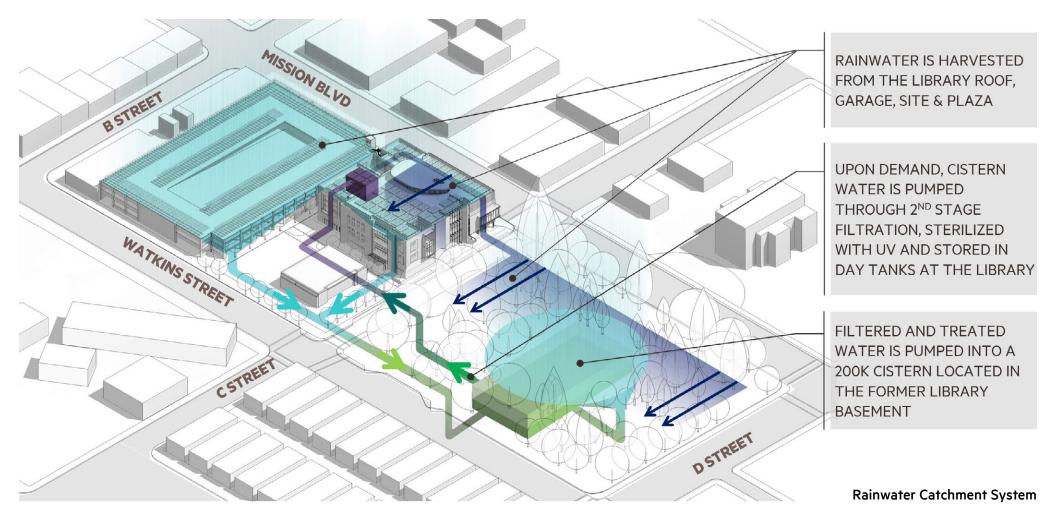






Cherry Tree Grove

Heritage Arboretum



DESIGN FOR WATER

Rainwater is harvested from the library roof, garage, site & plaza

Upon demand, cistern water is pumped through 2nd stage filtration, sterilized with UV and stored in day tanks at the library

Filtered and treated water is pumped into a 200,000 gallon cistern located in the former library basement

200,000 Gallon Underground Cistern

52% Non Potable Water Offset

87 pts Rescape Certified Bay Area Landscape and Water Use Rating System



Cistern Being Installed

DESIGN FOR ECONOMY

The influence of civic architecture

- An investment in the civic infrastructure of Hayward
 - Built to last 100 years
 - Flagship project in the City's ZNE action plan
 - Accessible services free to all
 - A downtown asset, increasing pedestrian traffic in the local business district
 - A collaborative partnership with non-profit and community groups to shape needed services







Welcoming Community Space



Activating a Downtown Streetscape

DESIGN FOR ENERGY

O kBtu/sf-yr Predicted Net EUI

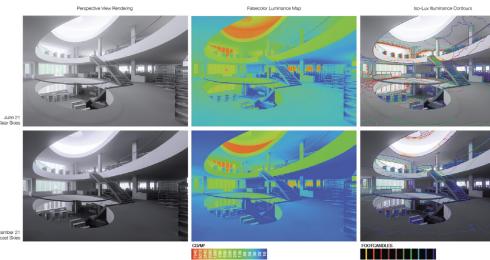
 $\mathbf{33}_{kBtu/sf\text{-}yr\text{ predicted Gross EUI}}$

O carbon based fuels

 $\mathbf{50\%}$ reduction of energy use to achieve "ZNE"

445,837 watts of solar power generation

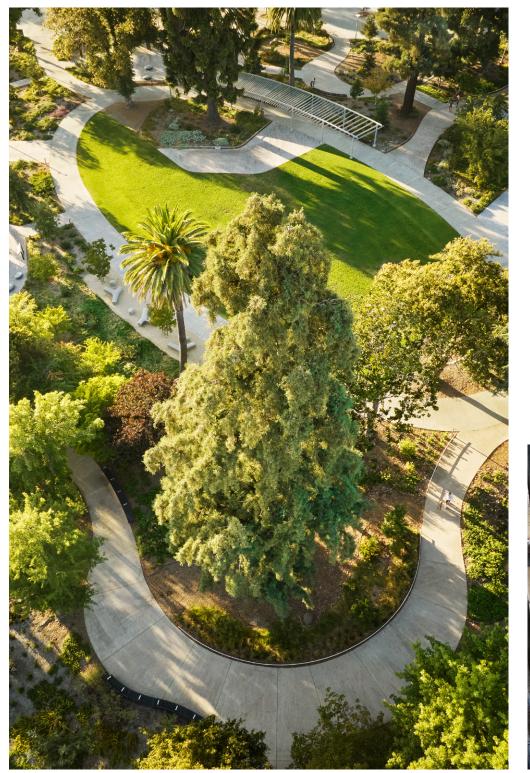
3,436,000 Pounds of CO2 Emissions Saved to Date 3,900,000 Electric Vehicles Miles Driven on Sunshine



<image><complex-block><image><image>

ALC: NO.

Luminance Modeling: Second Floor - Clerestory & Skylight



Heritage Plaza Arboretum & Central Elipse

DESIGN FOR WELL-BEING

Circulation and Views

Building is heated and cooled primarily by a radiant system providing pleasant comfort. The civic plaza ellipse mimics the Library's central atrium design.

100% Workstations with Views of Outdoors

100% Regularly Occupied Space within 30 feet of Operable Windows



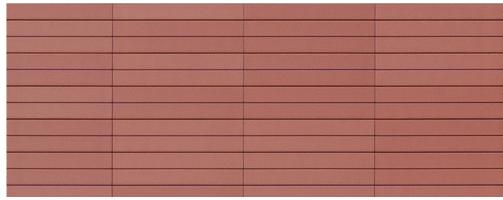
Radiant Heated/Cooled Floors & Infloor Electrical/Data Services



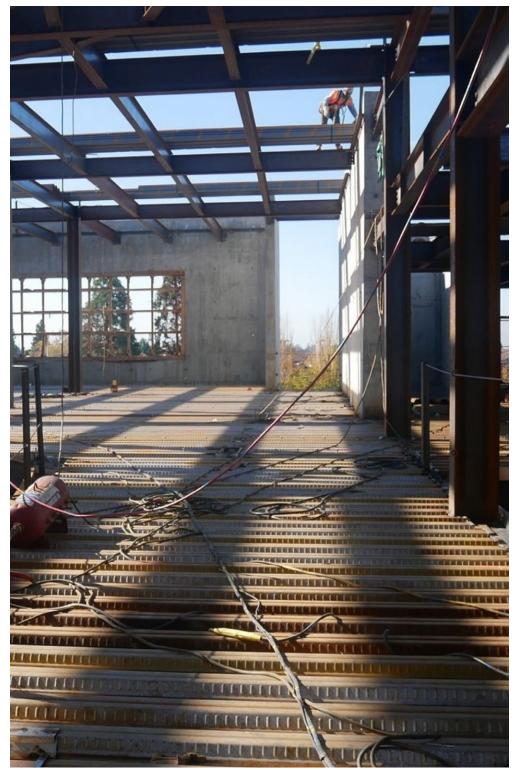
DESIGN FOR RESOURCES

Modern Traditional Materials

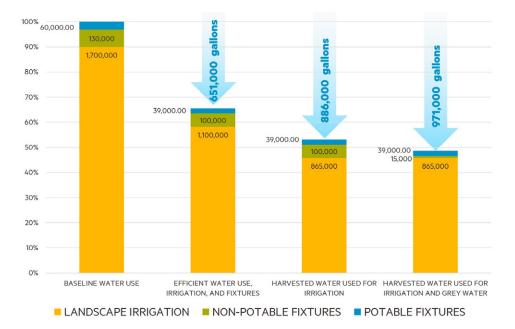
To reflect the history of brick use in downtown Hayward the library project utilizes a panelized terra cotta siding system as the primary exterior enclosure. It was selected as a simple finish to maintain and last the lifetime of the building. As a modular product it was delivered to the site in panels sized to be installed by two people, minimizing field labor and field cuts, reducing construction waste significantly.



Modular Terra Cotta Siding System



Hayward Known for our Faults



DESIGN FOR CHANGE

Evolving Library Services & Water Resources

By moving the structure of the building to the exterior, open floor plates allow for evolution of the library spaces over time. Water use reduction & the cistern respond to California's cyclical drought conditions.

Robust Structure For High Seismic Area

DESIGN FOR DISCOVERY

The project has been presented at many conferences, and in most cases, City of Hayward staff participated in the presentation along with the design team.

- Library Journal Design Institute
- Greenerbuilder Conference
- Stopwaste Conference
- Meeting of the Minds

- California Library
 Association Conference
- Public Library Association Conference



Hayward's Newest Library Card Holders



Hosting the Library Journal Design Institute



Lining up for the First Day

Hayward Library & Community Learning Center

Noll & Tam Architects City of Hayward, Hayward, California

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