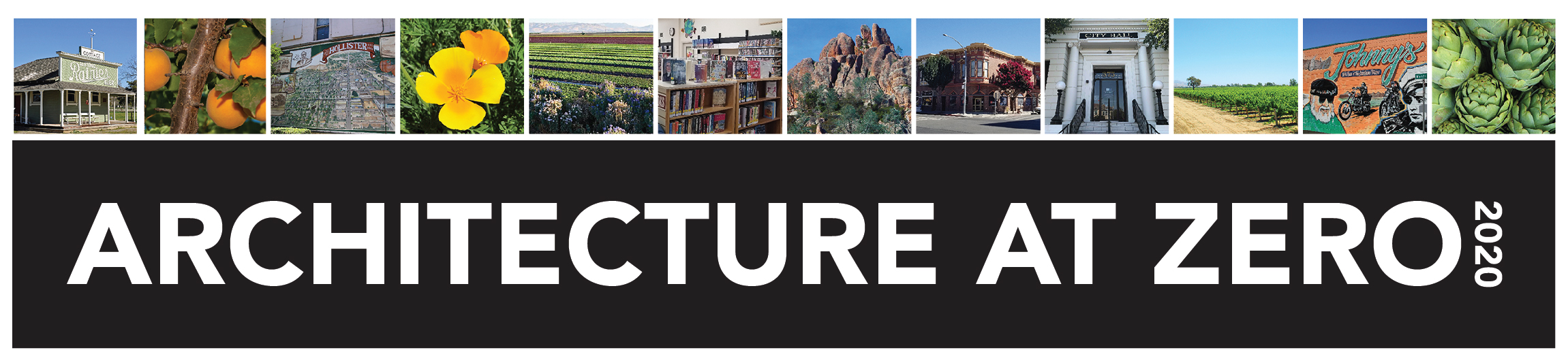
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**A New Library for San Benito County Free Library**

**Hollister, California**

CHALLENGE

The Architecture at Zero competition challenge is to create a zero net energy (ZNE) library for San Benito County Free Library in Hollister, CA. The new building will replace the existing structure.

First, entrants will create an overall site plan to accommodate the program outlined below. Entrants are encouraged to highlight any energy efficiency strategies or systems shown. Second, entrants will design the building in detail, and should demonstrate how the design will achieve zero net energy (ZNE) performance. In order to support that the building design can meet the ZNE performance goal, entrants will provide required documentation and may also include supplementary documentation.

**About San Benito County and Hollister:**

Almost 1400 square miles, the largely agricultural county of San Benito, is near the California counties of Monterey and Santa Clara (also known as Silicon Valley). The largest employer is Earthbound Farms, known for their organic salad mix. Many residents commute to jobs in Silicon Valley.

San Benito County is also the home to one of America’s great national parks; the features of Pinnacles National Park were formed about 23 million years ago with the eruption of multiple volcanoes. What remains is a unique landscape of chaparral, oak woodlands, and canyon bottoms. Hikers enter rare talus caves and emerge to towering rock spires teeming with life: prairie and peregrine falcons, golden eagles, and the inspiring California condor.

The city of Hollister is the undisputed center of the community with almost 2/3 of the county’s population. The present Library, approximately 11,000 square feet, was built when the county population was approximately 16,000. However the county population has almost quadrupled over the last 60 years (the 2010 census estimated a population of 55,000).

The City of Hollister bears no connection to the lifestyle/clothing brand of the same name.

**About the San Benito County Free Library:**

Founded in 1917, the current Library building was built in 1960 where it serves as the hub for a vibrant community. Helped by a strong “Friends of the Library” support group, library receives funding primarily from county government and with supplemental citizen and philanthropic support. In addition to the current building, the Library has an active “bookmobile” that delivers library services to surrounding communities.

The Library is the heart of community life- over 60% of San Benito County residents hold library cards, which are issued free of charge. Delivering far more than book check-out, the Library offers US passport services, computers with internet access, wireless printing, children’s story time, adult literacy classes, and more seven days a week.

Last year, the Library hosted 892 programs with over 21,000 attendees. The Library logged almost 115,000 visits with over 200,000 checkouts of books and materials. The Library is frequently challenged by a lack of space to host programs as well as long lines for free computer use since some county residents can not afford to purchase a computer.

**Architecture at Zero Competition 2020 Program**

The proposed program is for a new library on the site of the current library at 470 5th St. in Hollister, CA. The new building will quadruple the space of the current library, greatly increasing access for the entire community.

Notes:

* Maximum building height is 4 floors.
* Maximum building footprint is 15,000 sq. feet.
* Seismic (earthquake) activity is possible in Hollister, and a fault line runs close to the competition site. Competition submissions should focus on energy performance and will not be evaluated on a response to seismic safety.

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| **LIBRARY DIVISION** | **SPACE (SQ FT)** | **DIVISION (SQ FT)** |
| **Space Name** |  |  |
|  |  |  |
| **Business Reference Services** |  | **2,200** |
| Business Reference Collection & Seating | 400 |  |
| Chamber of Commerce Office | 400 |  |
| Conference Room | 400 |  |
| Business Reference Center/Entrepreneurial Lab | 1000 |  |
|  |  |  |
| **Children's Library** |  | **3,700** |
| Children's Entrance | Non-Assignable |  |
| Children's Restrooms | Non-Assignable |  |
| Children's Reference Desk | 200 |  |
| Children's Program Area | 1000 |  |
| Children's Collection & Seating | 1500 |  |
| Early Literacy Center & Lab | 1000 |  |
|  |  |  |
| **Circulation Services** |  | **3,500** |
| Book Return Room | 300 |  |
| Circulation Desk | 200 |  |
| Circulation Office | 300 |  |
| Computer/Telecommunications Room | 200 |  |
| Copy Center | 200 |  |
| Self-Service Holds Area | 100 |  |
| Staff Lounge | 600 |  |
| Staff Workroom | 1600 |  |
| Staff Entrance & Lobby | Non-Assignable |  |
| Staff Restrooms | Non-Assignable |  |
|  |  |  |
| **Fiction Collection** |  | **1200** |
| Fiction Collection & Seating | 1200 |  |
|  |  |  |
| **General Building Services** |  | **1250** |
| Custodial Workroom | 250 |  |
| General Library Storage Room | 800 |  |
| Shipping & Receiving | 200 |  |
| Loading Dock | Non-Assignable |  |
| Mechanical Equipment Room | Non-Assignable |  |
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| **Historical Museum & Collection** |  | **4000** |
|  |  |  |
| **Homework Center** |  | **1000** |
| Homework Collection & Seating | 1000 |  |
|  |  |  |
| **International Language Collections** |  | **1000** |
| International Language Collections & Seating | 1000 |  |
|  |  |  |
| **Law Library** |  | **1000** |
| Law Library Collection & Seating | 1000 |  |
|  |  |  |
| **Library Administration** |  | **1650** |
| Administrative Staff Office | 150 |  |
| Business Office | 300 |  |
| Conference Room | 200 |  |
| Foundation Development Office | 400 |  |
| Library Director's Office & Shower | 500 |  |
| Storage/Supply Room | 100 |  |
|  |  |  |
| **Library Entrance** |  | **1800** |
| Friends' Book Storage & Workroom | 600 |  |
| Friends' Bookstore/Café/Coffee Shop/Gift Shop | 1200 |  |
| Public Entrance & Lobby | Non-Assignable |  |
| Public Restrooms | Non-Assignable |  |
|  |  |  |
| **Literacy Center** |  | **1850** |
| Computer Lab/Training Room | 1000 |  |
| Literacy Office/Collection | 400 |  |
| Literacy Tutoring Room A | 150 |  |
| Literacy Tutoring Room B | 150 |  |
| Literacy Tutoring Room C | 150 |  |
|  |  |  |
| **Marketplace** |  | **1200** |
| Marketplace |  |  |
| Display Case/Area |  |  |
|  |  |  |
| **Media Area** |  | **600** |
| Media Collection | 600 |  |
|  |  |  |
| **Media Lab/Makerspace** |  | **1000** |
| Media Production Room | 500 |  |
| Makerspace | 500 |  |
|  |  |  |
| **Non-Fiction Collection** |  | **2400** |
| Non-Fiction Collection & Seating | 2400 |  |
|  |  |  |
| **Passport Center** |  | **750** |
| Passport Storage Room | 150 |  |
| Passport Office | 250 |  |
| Passport Waiting Area | 350 |  |
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| **Periodicals Collection** |  | **300** |
| Current Magazine & Newspapers/Seating | 300 |  |
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| **Public Meeting Rooms** |  | **6100** |
| Auditorium | 4500 |  |
| AV/Chair/Table Storage Room | 100 |  |
| Conference Room A | 200 |  |
| Conference Room B | 200 |  |
| Kitchenette | 100 |  |
| Meeting Room | 1000 |  |
| Custodial Sink & Supply Closet | Non-Assignable |  |
| Public Restrooms | Non-Assignable |  |
|  |  |  |
| **Research Services / Technology Engagement Center** | | **2550** |
| Technology Engagement Center | 1000 |  |
| Catalog Computers | 100 |  |
| Reference Collection & Seating | 1000 |  |
| Reference Desk | 200 |  |
| Study Room A | 125 |  |
| Study Room B | 125 |  |
|  |  |  |
| **Telecommuter Center** |  | **2000** |
| Telecommuter Offices | 2000 |  |
|  |  |  |
| **Wellness Center** |  | **2000** |
|  |  |  |
| **Young Adult Services** |  | **1875** |
| Young Adult Collection & Seating | 1500 |  |
| Study Room A | 125 |  |
| Study Room B | 125 |  |
| Study Room C | 125 |  |
|  |  |  |
| **Net Assignable Square Footage:** |  | **44,925** |
| **Non-Assignable Square Footage** |  | **15,000 (25% of Gross)** |
| **Total Gross Square Footage** |  | **60,000** |
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