



MPL HELPS MISSOULIANS
BRIDGE THE DIGITAL DIVIDE.
ANNUALLY, WE SEE 9000
LAPTOP CHECK-OUTS
AND HOST 500,000
WIFI SESSIONS

LEVEL THREE: READING AND RESEARCH

Home of adult fiction and non-fiction collections, reference staff, and both traditional and innovative library services.

- Level 3 is at the metaphorical tree line, with an emphasis on warm wood tones and full views of Mt Jumbo and Mt Sentinel.
- Highlight: The Tony Veazey Montana Room contains MPL's historical collection, rare maps, and genealogy resources.



WHILE LEVEL 4 IS MPL'S
EVENT HQ, THE RECEPTION
COMMONS IS GREAT FOR
TELECOMMUTERS, ONE-ON-
ONE MEET UPS, AND JUST
SOAKING UP THE SUN

LEVEL FOUR: ENGAGEMENT AND INSPIRATION

A cornerstone of Missoula civic life, reserved for community events, public gatherings, and the exchange of ideas.

- The sky's the limit! The building's alpine summit is airy, full of light, with a stunning view of the community the Library serves.
- Highlight: Cooper's Space Event Center accommodates 270 people or can be divided by a skywall for mid-sized meetings.

TOUR NOTES



SHARED TECHNOLOGY
SUPPORTS LOCAL CONTENT
CREATORS, FROM BUDDING
PODCASTERS AND FILM-
MAKERS, TO ARTISANS
AND DESIGNERS

LEVEL ONE: COMMUNITY AND CONNECTION

A busy plaza where technology, media, DIY experiences, teens, social sciences, and good coffee intersect.

- If the building were a landscape, Level 1 emulates the energy of the Clark Fork river shaping Missoula's valley floor.
- Highlight: Returned books are handled by a "robot" designed in Finland, freeing staff to assist patrons throughout the building.



1,050 KIDS WERE SERVED
BY MPL'S 2022 SUMMER
LEARNING PROGRAM:
FREE BOOKS, FREE MEALS,
AND THREE MONTHS OF
LITERACY ACTIVITIES

LEVEL TWO: KIDS AND COLLABORATIONS

An entire floor devoted to children, families, and interactive learning, featuring MPL's youth services partners.

- The design of Level 2 references a mountain meadow, with pops of wildflower color and soft surfaces.
- Highlight: The Watershed Experience is a STEM partnership between MPL, spectrUM, Families First, and Clark Fork Coalition.



BECOME A LIBRARY SUPERFAN!

Use this QR code today to make a gift to MPL Foundation's Illuminate Campaign in support of lifelong learning, community engagement, and library excellence



missoula public library

LEVEL FOUR: ENGAGEMENT AND INSPIRATION

LEVEL THREE: READING AND RESEARCH

LEVEL TWO: KIDS AND COLLABORATIONS

LEVEL ONE: COMMUNITY AND CONNECTION

THE PROJECT AT A GLANCE

Construction began August 2018

Building opened May 2021

110,000 sf

Leads

A&E Design, Missoula

MSR Design, Minneapolis

Dick Anderson Construction, Helena

Budget

Project cost \$38,000,000

Bond funding \$30,250,000

Capital campaign \$ 6,250,000

Other sources \$ 1,500,000

Partners

Families First Learning Lab

Missoula Community Media Resource

spectrUM Discovery Area

UM Living Lab and the NIH

Friends of Missoula Public Library

Missoula Public Library Foundation



A FUTURE-FRIENDLY PUBLIC LIBRARY

The new Missoula Public Library lays the groundwork for future carbon neutrality. Currently, the building achieves an EUI of 38 kBtu/sf/yr, representing a 65.1% reduction in energy use compared to an older, conventionally built structure of similar size and function. A target EUI of 33 is anticipated from the Library's PV solar energy panels. Key factors that contribute to the building's Energy Use Intensity include:

ENVELOPE. The building relies on climate modeling, exterior materials, glazing and shading, and the unique angles of each level to put solar radiation to work for energy needs.

LIGHT. Primary source: natural daylight, supplemented by LED lights. Programmable and astronomical sensory systems manage "layered" lighting, when and where it's needed most.

AIR. Underfloor distribution system requires 30% less energy to control temperatures, which are automatically modulated. The intake system greatly reduces pollutants and germs.

COOLING. Groundwater in air handling system eliminates a need for mechanical cooling — one of largest energy uses in commercial buildings. Water is recycled back into aquifer.

HEATING. Variable Frequency Drives send water heated by 98% efficiency natural gas boilers strategically throughout the building. Secondary heating source: passive solar.

ELECTRICITY. Photovoltaic solar panels on the roof are expected to generate approximately 10% of the building's electricity needs.