



AIA 2030 Commitment **Sustainability Action Plan**

Miller Hayashi Architects is committed to architectural design and processes that are environmentally beneficial and socially just. We see it as our duty to be a part of AIA 2030's collaborative of architects that seek to make significant and lasting change to our built environment.

We take a holistic approach to design which goes beyond the inspiration we draw from the beautiful Pacific Northwest, and encompasses energy consumption, stormwater runoff, safety, natural daylight, longevity, equity, and the ease of use and enjoyment of a space. We strongly believe that improvements to the existing building stock supports communities and reduces displacement within vulnerable neighborhoods. Furthermore, improvements to the existing building stock helps reduce embodied carbon emissions by leveraging materials already in place. We believe that both new buildings and improvements made to existing buildings should emphasize: flexible systems for long term adaptability, end-of-use recyclability of new building materials, and materials selection appropriate to the intended lifespan of the improvements.

We pledge to look at every project with a renewed sense of responsibility to the community and strive to constantly improve, learn, and push the envelope of sustainable and equitable design.



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Goals:

1. Sustainable Design Process

Incorporate environmental metrics and performance-based design throughout the entire design process

2. Evaluation & Reporting

Collect and streamline collected data for use in future projects

3. Sustainable Operations

Set short-term and long-term targets for reducing the firm's operational carbon footprint

4. Staff Training & Education

Provide opportunities for continuing education and encourage sustainable behaviors both in and out of the office

5. Outreach & Advocacy

Share findings with design community and participate in or lead community events



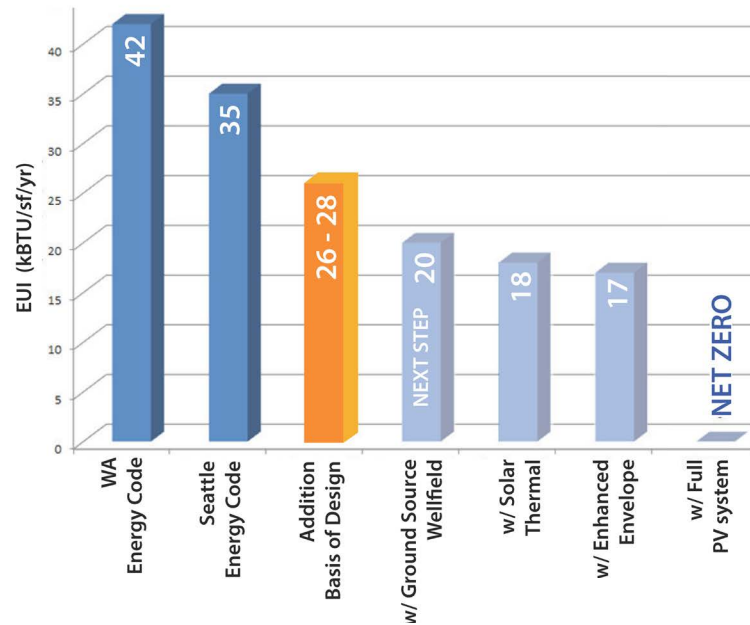
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Sustainable Design Process:

- Hold a sustainable design charrette for each project
- Conduct climate/site analysis at the beginning of each project
- Encourage reusing existing buildings over building new
- Begin energy modeling, daylight modeling and embodied carbon analysis in schematic design
- Coordinate with engineers in design development to ensure we are meeting energy goals
- Work with consultants and manufacturers who prioritize sustainable design
- Implement an office redlist and update the redlist yearly
- Encourage that a project use FSC Wood and spec local materials whenever possible
- Promote renewable energy options in projects

SUSTAINABILITY

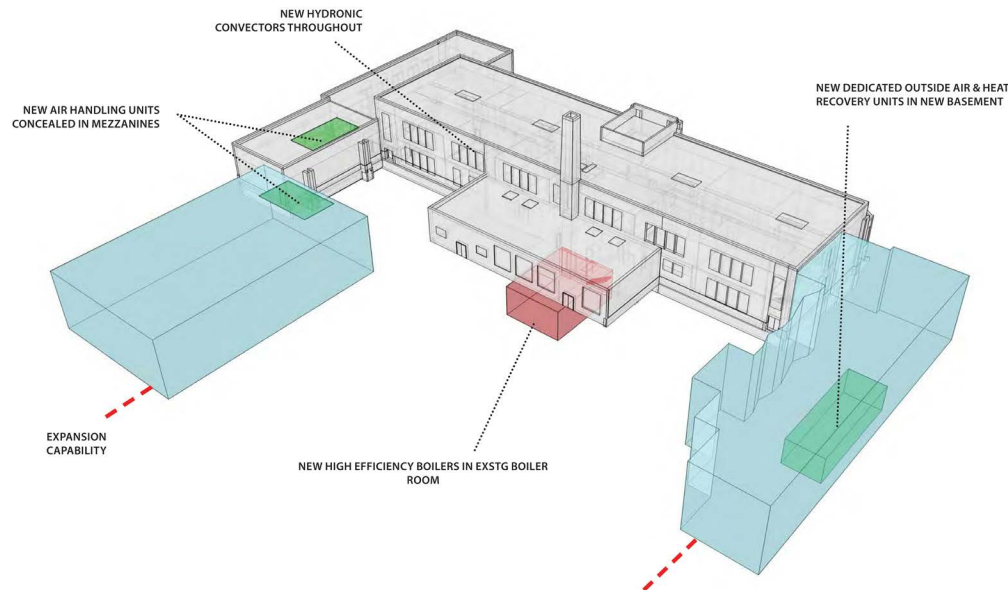
STEPS TO NET ZERO ENERGY AT BAGLEY



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Evaluation & Reporting:

- Give everyone a sustainability focus in the office to diversify knowledge
- Each project team leader will be in charge of reporting to AIA 2030 at the end of each phase of their project
- Add sustainability QA and checkpoints to project schedules
- Evaluate firm progress at the end of each year to analyze progress and to set new goals





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Sustainable Operations:

- Reduce and reuse whenever possible
- Recycle and compost
- Use 100% recycled paper products in the office
- Install LED lighting and more efficient plumbing fixtures
- Eliminate single use plastics: buy bulk snacks, use reusable dishware and towels, etc
- Reduce material library waste
- Move toward digitalization: reduce printed plans and collaborate with online tools
- Reduce driving trips to site visits
- Purchase carbon offsets
- Allow work from home when possible



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Staff Training & Education:

- Support for professional development time for continuing education
- Have one sustainability related design dialogue a month
- Provide assistance for sustainability accreditations (LEED, WELL, LFA, Passive House, etc.)
- Lunch and learns only with manufacturers that meet our criteria
- Tour local sustainable projects



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Outreach & Advocacy:

At Miller Hayashi we encourage:

- Participation in Seattle Architecture Foundation After School Programs
- Two volunteer events a year (one social, one environmental)
- Serving on AIA Committees
- Assembling OMWBE project teams

Miller Hayashi is currently on the UW Integrated Design Lab Strategic Advisory Board

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Sustainable Portfolio:

