

Section 1 Summary of Achievements

Dave Dimond's expertise and vision leading an integrated design process on complex projects for governmental, institutional and non-profit clients has served to advance each organization's public mission through design excellence and sustainable innovation.

INTEGRATED DESIGN PROCESS

Cutting his design teeth on large-scale design-build competitions for public projects across the United States and Asia exposed Dimond to important challenges faced by the design process itself. One project at a time, he recognized and altered how our industrialized design process of linearly organized tasks-executed in isolation by specialists-was predetermining design outcomes and stifling the cost effectiveness of sustainable innovation. Dimond found, through iterative practice, that a highly collaborative team following a holistic integrated design process can transform how people fit into buildings, how buildings fit into the physical environment and how design serves the greater public good. In his role as Design Director for the Minneapolis Office of Perkins+Will and as a member of the firm's Design Leadership Council, Dimond has re-focused his Minneapolis office around the value of an integrated design process. His design teams systematically weave the ideas and resources of many experts through a project design culture most similar to deliberative politics: a problem-solving effort built around spirited dialogue that is idealistic, but eminently actionable.

DESIGN EXCELLENCE & SUSTAINABLE INNOVATION

Dimond maps a highly participatory **"front-end loaded" integrated design process** that identifies resources, feedback loops, analysis methods, measurement tools and verification checkpoints to progressively inform each project solution. Design drivers, including energy performance goals are identified early and tracked from pre-design through post-occupancy. His teams have developed rapid prototyping tools for holistic up-front analysis of sustainable design opportunities. These include the 2030e2 Calculator, Precautionary Material Guide, Shoebox Energy Models, Water-use Calculators and a Whole Systems Economic Modeling workbook that compares first costs with life-cycle costs.

- **At Bell Natural History Museum + Planetarium**, Dimond mapped his integrated design process to transform a neighborhood concern over localized flooding into a museum visitor storytelling opportunity. Interdisciplinary expertise, including a University biochemist, was combined with Discovery Phase water, energy and cost calculators to achieve a resiliency-based site plan that manages 1000 year floods, sponsors amphibian ponds with roof water and cleanses building gray water-all within the small site.
- **At Youngstown State's Williamson College of Business Administration**, Dimond's integrated design process rallied **key stakeholders around a sustainable design mission of such clarity that the Kresge Foundation reached out with a \$2 million grant to help showcase how to integrate a sustainable campus building with the business community through a green business curriculum**. The LEED Gold certified project was recognized in 2014 with an AIA Eastern Ohio Honor Award for shaping a high performance community.
- **Great River Energy Headquarters** already met national AIA 2030 Challenge goals when it opened on Earth Day 2008. But the real excitement was when **the Minnesota Legislature toured the facility; recognized the value and beauty of high performance design; and promptly enacted State Bill 2030 that identified AIA 2030 Challenge goals as requirements for funding new state buildings**. AIA National recognized Minnesota's first LEED Platinum facility with a 2009 COTE Top Ten Award.
- **Amherst Wilder Foundation's** mission to "create sustainable communities" was realized, through Dave's integrated design process, by transforming an abandoned inner city site into an urban park, community center and healthy workplace that **welcomes 22,000 visitors and clients each year**. The LEED Gold-certified building opened in 2007 with an innovative first-use of raised floor displacement ventilation in the region. AIA Minneapolis recognized the Wilder community-building integrated design process with a 2009 Merit Award.

GROWING FUTURE LEADERSHIP

Through practice, teaching and professional association, Dave advocates for the positive change architects make in association-as a community of cooperators. **"How we lead to a better world-together"** is at the core of Dave's message in presentations at AIA, ACEC, DBIA, IFMA, AIAS, the University of Arizona and the University of Minnesota. Since 1995, Dimond has taught at the University of Minnesota's College of Design and been active in leadership at AIA Minnesota. He has led three significant AIA Minnesota Task Forces achieving key results: 1) Publication of a Project Delivery Brochure still in use across the state and at the legislature; 2) Redesign and re-launch of AIA MN communication tools including the award-winning ARCHITECTURE MINNESOTA Magazine (circulation: 10,000); 3) and established AIA Minnesota's Annual Leadership FORUM to mentor early-career architects in community and client engagement-now in its 6th successful year.