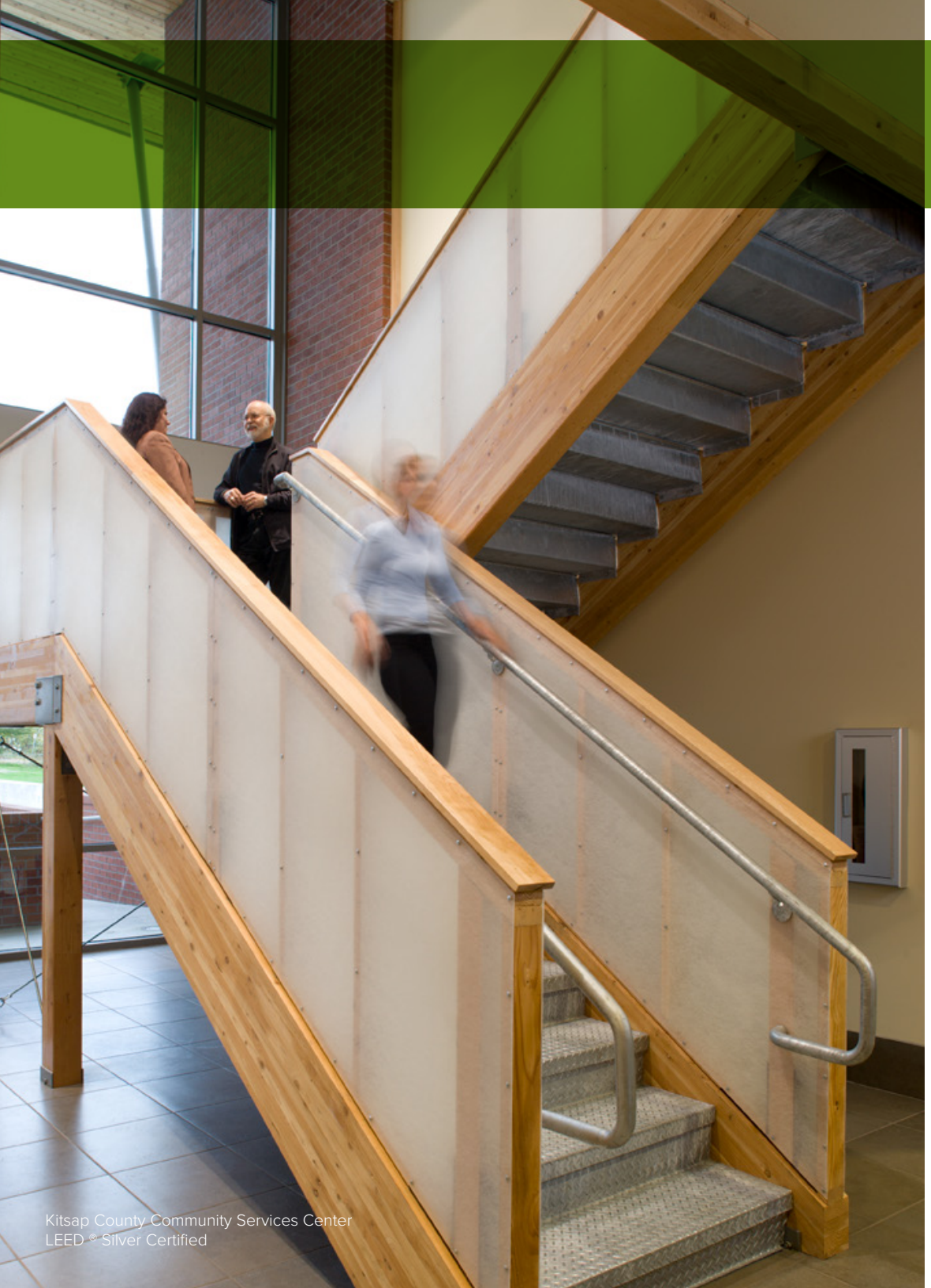
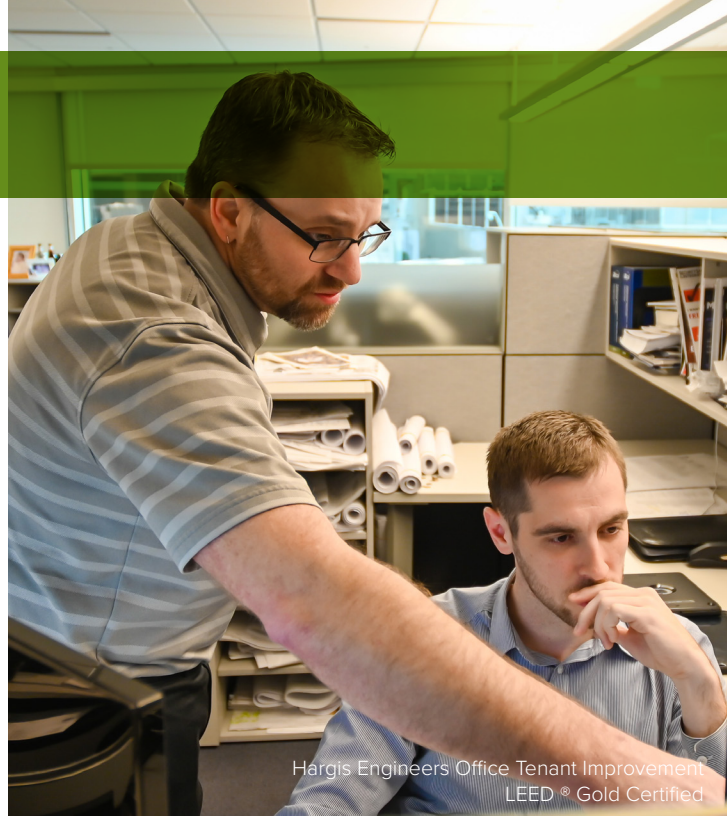


Kitsap County Community Services Center
LEED ® Silver Certified

2023 / AIA 2030 COMMITMENT

SUSTAINABILITY ACTION PLAN

WHAT'S INSIDE



Hargis Engineers Office Tenant Improvement
LEED ® Gold Certified

FIRM PROFILE

Hargis Background

Commitment to quality and sustainable growth has been a founding principle since our inception by Alexander Hargis. It is what has shaped who we are 60-plus years later. His emphasis on serving people over projects has earned Hargis the opportunity to serve a wide variety of clients. By being responsive to stakeholders' requests and fostering a positive work environment we have grown to a 190+ member team with healthy retention rate. ***We bring forth:***

Experience
We bring forth a team experienced in interweaving sustainable technologies into projects. Together we have served public and private efforts to advance conservation goals.

Perspective
Our commitment to serving community throughout our history has afforded us a unique perspective. We have experienced the evolution in building system technologies, codes, and occupant behaviors that directly influence project outcomes. We apply this insight to develop approaches that realize the clients' intent.

Creativity
As consultants, we apply our experience and perspective to help owners poise systems for future enhancements, securing grants and rebates ($40+ million to date), and validate system operations through commissioning and measurement and verification efforts.

Valley View Middle School
Rain Water Harvesting System

FIRM PROFILE

Mission Statement

The places where we live, work and play represent a significant source of greenhouse gas emissions. The design and construction industry has made significant strides toward creating high performance buildings. As a result, the industry is positioned to have a profound impact by continuing to foster high performance buildings and reduce related greenhouse gas emissions.

As engineers, we understand the need to exercise leadership in creating the built environment. We are committed to making alterations in our practices to inspire responsible use of resources for generations to come, both operational and embodied.

Casey Family Programs Headquarters Tenant Improvement | LEED ® Gold Certified

FIRM PROFILE

Sustainability Leadership

MICHAEL BARANICK

PE, CEM®, CMVP®, LEED®
Green Associate
Senior Associate, Energy Services

Mike brings forth a passion for sustainable facilities with his technical background as a mechanical engineer. He integrates into design teams to identify conservation strategies for the life of the building and beyond. He is a technical resource to design teams, as well as jurisdictional authorities and associations on energy code interpretation and applications to meet project objectives. He has presented several seminars to industry partners and community members on emerging technologies and sustainable applications.

BRENDON INMAN

PE, LEED® AP BD+C
Principal, Electrical

An executive leader, Brendon provides technical leadership and operations direction. He is actively involved with projects across the firm's portfolio with specialized experience serving public agencies. He is well-versed in electrical and lighting system technologies and he optimizes project outcomes.

BRIAN CANNON

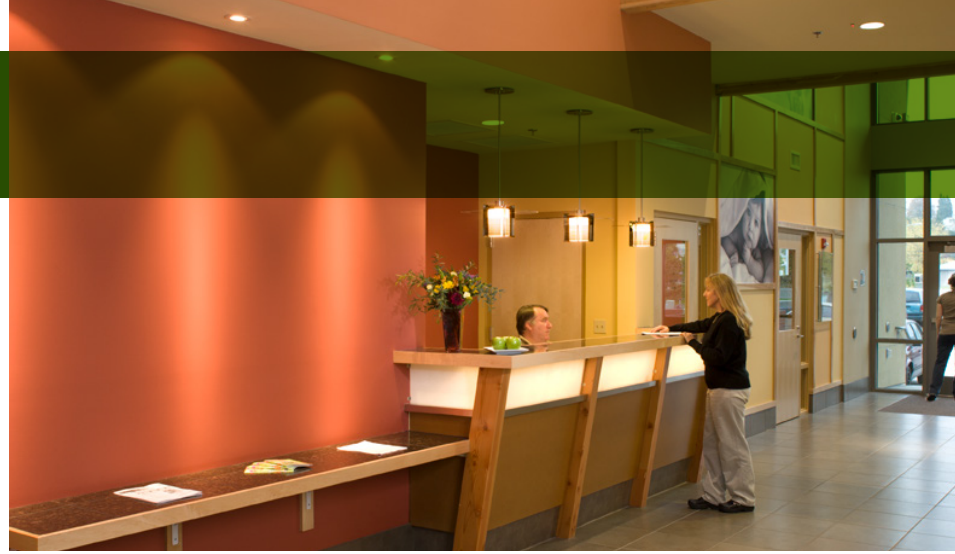
PE, LEED® AP
Associate Principal, Mechanical

Experienced employing sustainable design to improve energy efficiency and water conservation within the guidelines of WSSP, EnergyStar®, and LEED® programs, Brian balances applications with client objectives. He has contributed to some of the firm's most sustainable projects. Advancing clients' conservation goals, he balances programmatic requirements with adaptive solutions responsive to performance matrics.

MIKE ROBERTS

PE, LC, LEED® AP
Associate Principal, Electrical

Mike's proactive approach to obtaining and applying his knowledge of sustainable systems translates into the development of options that incorporate lighting control systems and day-lighting, photovoltaic, wind and power monitoring systems into facility operations. By focusing on how sustainable applications can benefit the life cycle, budget, user and environmental outcomes for new construction, renovation and remodel projects, Mike offers viable solutions.



Kitsap County Community Services Center LEED ® Silver Certified

FIRM PROFILE

2030 Commitment

According to Architecture 2030, the urban built environment is responsible for 75% of annual global green house gas emissions with buildings accouting for 39%. To combat this history and push towards a sustainable future, Architecture 2030 issued the 2030 challenge asking the building community to adopt a series of targets aimed at reaching a carbon-neutral standard for all new buildings and major renovations by 2030.

Hargis Engineers pledges to sign on to the 2030 Commitment and will build upon firm-wide design approaches that prioritize innovative sustainable strategies as well as the generation of on-site renewable resources.

Architecture 2030

Architecture 2030 is a non-profit, non-partisan and independent organization established in 2002 in response to the climate change crisis.

Architecture 2030

All new buildings, developments, and major renovations shall be carbon-neutral by 2030.

The 2030 Commitment

The mission of the AIA 2030 Commitment is to support the 2030 Challenge and transform the practices of engineering and architecture in a way that is holistic, firm-wide, project based, and datadriven. By prioritizing energy performance, participating firms can more easily work toward carbon neutral buildings, developments and major renovations by 2030.

Vitamilk - Green Lake Village Mixed-Use
LEED ® Silver Certified

OUR COMMITMENTS

We are committed to incorporating sustainable principals into our design efforts, providing tools and data to help promote sustainable operations, incorporating marketing and sharing best practices, and the continual education of our staff and industry partners.

Sustainable Design

Sustainable Operations

Incorporating Marketing

Training and Education

SUSTAINABLE DESIGN


City of Seattle Fire Station No. 32 | LEED ® NC 2.2 Platinum Certified

Actively engage in defining sustainability objectives throughout design development to uphold projects' charter

Actively engage in the integrated design process utilizing energy modeling and ROI analysis

Uphold sustainability goals that align with: 2030 Challenge EUI benchmarks, Net-zero ready, Net-zero, Living Building Challenge

Promote healthy environments through system planning and execution

SUSTAINABLE OPERATIONS

Commitments

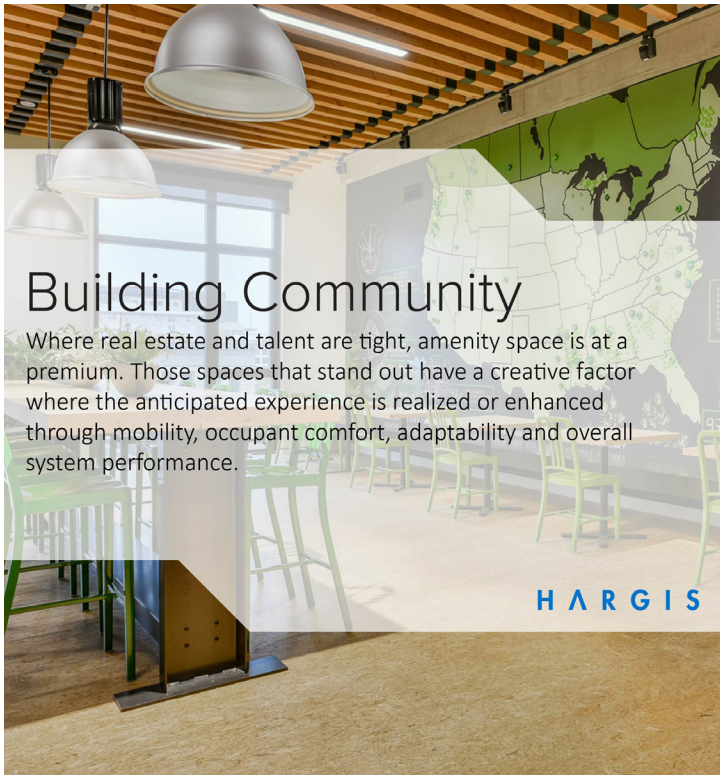
Leverage technology to collect, organize, analyze and synthesize real-time performance data

Perform measurement and verification to validate building performance

Co-author systems user manual for building occupants and stakeholders

Document and report results via AIA template and internal databases

Everett Community College Liberty Hall
LEED ® Gold Minimum



Hargis Industry Newsletter
Quarterly

INCORPORATING MARKETING

Commitments

Share best practices that accentuate building performance:

» Designed performance
» Operational performance
» Baseline performance
» Certification performance (if applicable)
» AIA performance target

Publicize client-approved results with internal and external communication channels

TRAINING & EDUCATION

Commitments

Communicate lessons learned

Share emerging technologies and applications that advance program goals

Celebrate successful projects and recognize team members

Communicate program and progress towards goal company-wide

Encourage training and professional certifications that advance program goals

Internal and External Training/Seminar Sessions

Hargis Engineers Office Tenant Improvement
LEED ® Gold Certified

CONCLUSION

What's Next

At Hargis Engineers we understand the criticality of sustainable design as it relates to the built environment. The places where we live, play, and work have a profound impact on quality of life of all creatures on the planet.

The ambitious and critical 2040 Challenge to have all new buildings and major renovations reach zero embodied carbon by 2040 requires a firm-wide, holistic approach to engineering design.

Our sustainability leadership team will continue to build upon our practices to promote resource conservation in operations, delivery of services, and sharing of best practices.