

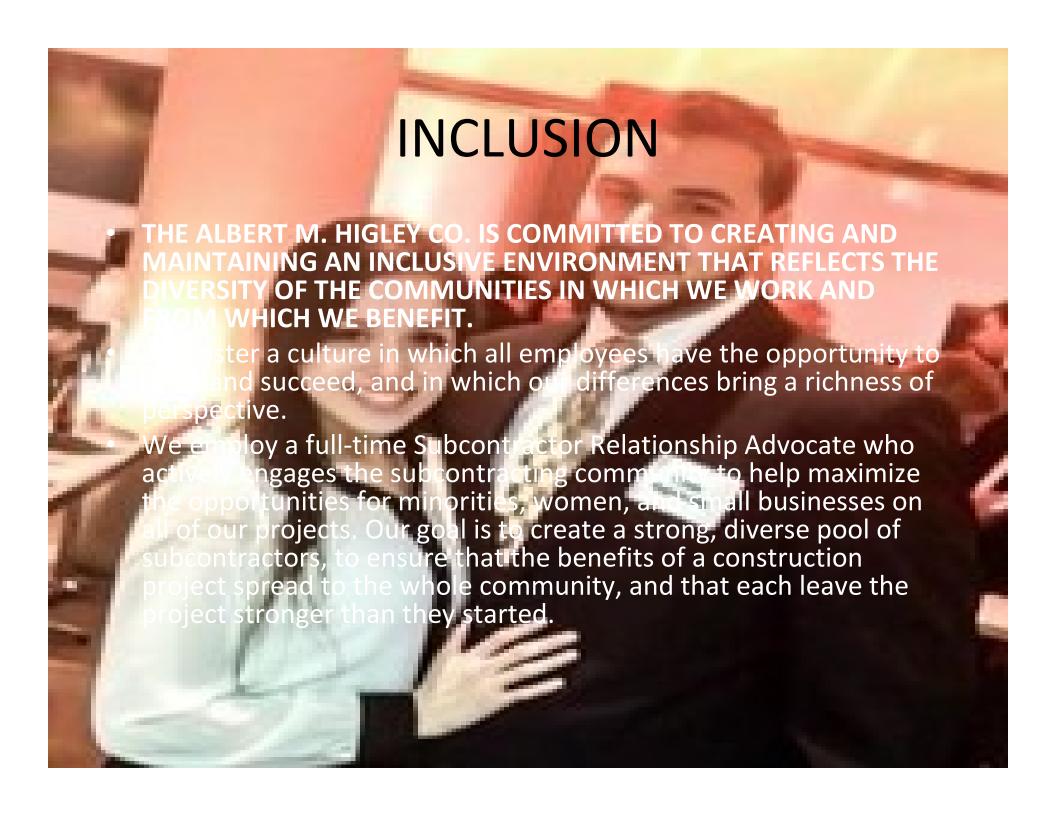




- BRUCE G. HIGLEY CHAIRMAN
- **Mr. Higley** received a B.S. in Civil Engineering from Lehigh University in 1980. After graduating, he worked for a large Pacific Northwest construction firm, joining The Albert M. Higley Co. in 1984. After progressing through several positions, Mr. Higley was elected Chairman in 2008. Mr. Higley is extensively involved in both the construction industry and the community serving on multiple boards and committees.
- RYAN DOYLE REGIONAL MANAGER, MICHIGAN OFFICE
- Mr. Doyle received his Master of Architecture and Master of Civil Engineering degrees in 2006 from the University of Detroit Mercy. That same year, he began his career working for a Construction Management firm in Michigan. Ryan has successfully managed several Healthcare, Food Service and Casino projects throughout Michigan as well as Aviation projects at O'Hare International Airport in Chicago. Ryan joined The Albert M. Higley Co. in 2017 as Regional Manager of their new Detroit office. Ryan is a Licensed Professional Engineer and the other professional Engine

MANAGEMENT

- GARETH D. VAUGHAN PRESIDENT & CEO
- CARLO BARONE CFO
- DANIEL F. SEHLHORST VP OF MAJOR & STRATEGIC PURSUITS
- DAVID A. PASTIR VP OPERATIONS
- ANNA C. DODSON VP BUSINESS DEVELOPMENT
- JASON PASTOR VICE PRESIDENT OF PRECONSTRUCTION
- KURT L. HEINICKE VICE PRESIDENT
- THOMAS E. LIPPERT VP SAFETY & QUALITY
- MARK VEGA CORPORATE OFFICE MARKET LEADER
- KEVIN CICEN HEALTHCARE MARKET LEADER
- DAVID J. MEEHAN, PE CULTURAL AND NOT-FOR-PROFIT MARKET LEADER
- GAVIN SMITH GOVERNMENTAL MARKET LEADER
- MIKE MOONEY CUSTOMER SERVICE GROUP MANAGER



ASSOCIATION

- American Concrete Institute
- American Institute of Architects
- American Society for Healthcare Engineering
- American Society for Quality
- American Society of Safety Engineers
- Associated General Contractors of Ohio
- Builders Exchange of Cleveland
- Building Laborers Local Union 310
- Building Owners and Managers Association
- Carpenter Contractors Association
- Cement Masons Local Union 404
- Cleveland Engineering Society
- Cleveland Restoration Society
- Commission on Economic Inclusion

- Construction Employers' Association
- Construction Management Association of America
- Construction Safety Council of Northeast Ohio
- Green Building Certification Institute
- Greater Cleveland Partnership Commission on Economic Inclusion
- Healthcare Executives Association of Northeast Ohio
- Midtown Cleveland, Inc.
- National Association of Women in Construction
- National Council of Architectural Review Boards
- National Society of Professional Engineers
- Northeast Ohio District Council Of Carpenters
- Northeast Ohio Hispanic Chamber of Commerce
- Northeast Ohio U.S. Green Building Council
- The Ohio State University CSM Advisory Committee
- Society for Marketing Professional Services
- U.S. Green Building Council



- The Albert M. Higley Co. is excited to announce the opening of our new Michigan office located in downtown Detroit! The office, which will be an extension of our Cleveland location, represents our regional growth and mission of expansion to serve our client's needs.
- "Our new location extends AMHigley's tradition of delivering high quality buildings to our clients," said
 Gareth Vaughan, President & CEO. "We're excited to bring our services and processes to the southeast
 Michigan market."
- The new office will be led by Ryan Doyle, a longtime Michigan resident. Ryan's project experience in the
 Michigan construction market paired with his active involvement in the community makes him the ideal
 fit for this role.
- Although expanding geographically, AMHigley will continue to abide by the guiding principles on which
 we were founded over 90 years ago:
- Our people are our greatest asset
- We adhere to the highest ethical standards
- We treat everyone with respect
- We keep our commitments
- We strive for excellence in everything we do
- Michigan Office:

CHRYSLER HOUSE

Chrysler House

719 Griswold St. Suite 280

Detroit, MI 48226

313.314.1466

HISTORY

amHigley

Beyond Bricks and Mortar

- About The Albert M. Higley Co: Since 1925, AMHigley has helped our clients realize their goals and visions; always while adhering to our principles of honesty, integrity, and mutual respect. To date, we have completed more than 11,000 projects totaling in excess of \$9 billion of construction for many of the region's leading corporations and institutions.
- Our dedication to best-of-class service, innovation and problem solving, client satisfaction, and improving the communities in which we live and work, helps make us the construction professionals of choice.
- AMHigley is more than just a construction company, because we build more than just buildings. We've built the offices where you work, the schools where you learn, and the hospitals where you heal. We build environments so that you can live, work and play. With every building, we go beyond bricks and mortar by connecting people and place.

PROJECT NARRATIVE

• Horticulture is a branch of agriculture that deals with the art, science, technology, and business of growing food plants such as vegetables, fruits, nuts, fungi, and seeds as well as nonfood crops such as grass, ornamental trees, and plants. Horticulture contrasts with the extensive field farming and animal husbandry of other branches of agriculture. The work of horticulturists involves plant propagation and cultivation with the aim of improving plant growth, yields, quality, nutritional value, and resistance to insects, diseases, and environmental stresses. They work as gardeners, growers, designers, and technical advisors in the food and non-food sectors of horticulture.

THE PLANNING

• The planning of a program devoted to horticulture at WCCCD is driven by the critical educational role that WCCCD can play in advancing state-level and regional objectives related to economic development, environmental stewardship, urban agriculture, sustainable food systems, family nutrition standards, and new forms of food production. The Horticulture Education Center will be a major community development resource. Community partners will include public and private K-12 schools, colleges and universities, conservatories, garden clubs, farmers markets, nurseries/greenhouses, and landscapers.

THE HORTICULTURE CENTER

 WCCCD's Horticulture Education Center will provide certificate and associate degree programs for those seeking careers in fields such as nursery and greenhouse management, ornamental horticulture, hydroponics, aquaponics, landscape design, and urban agriculture. The center will also be a continuing education resource for citizens with an interest in subjects such as gardening & pest control, floral arrangements & plant identification, tropical & indoor plant care, and starting a new business related to horticultural services. Continuing education offerings will take the form of tours/demonstrations, short courses, workshops & seminars.

DOWNRIVER CAMPUS

- The Horticulture Education Center will be located on the WCCCD Downriver Campus and will be a
- District-level entity serving Detroit, Wayne County, and the Southeastern Michigan region. There are five physical components of the Horticulture Education Center:
 - • 3 Greenhouses (Warm, Cool, Cold)
 - Conservatory adjacent to the existing pond
 - 2 Active Learning Laboratories
 - STEM Laboratory
 - Classroom, Conference Room, and offices
 - Outdoor learning spaces including Learning Garden and Propagation Plots

THE GREENHOUSE

 The greenhouses are indoor facilities with regulated climatic conditions designed so that vegetables and flowers can be raised in optimal conditions for plant growth. The greenhouses will serve as primary laboratories for the career-oriented and continuing education programs of the horticulture education course offerings.

THE CONSERVATORY

 The conservatory is a special type of greenhouse which creates optimal growing conditions for tropical and other special plants. The conservatory is designed for the education of elementary and secondary school students, community groups, and those involved in the horticulture courses and programs.

THE AQUACULTURE

 Aquaculture (raising aquatic animals such as fish, snails, crustaceans in tanks) and hydroponics (cultivating plants in water) will provide horticulture education students with the experience of growing food in distinct farming environments.

The Horticulture Education Center

- Geothermal Heating and Cooling
- Solar photovoltaic system for electricity production
- Rainwater harvesting systems
- Highly efficient plumbing, lighting, and mechanical systems
- Recycled content building materials
- Compact building footprint
- Passive ventilation system that reduces energy consumption
- Energy-reflective roof surface to reflect solar energy and reduce cooling load
- Mechanically ventilated operable roofs
- Computer-controlled greenhouse system

OUTDOOR LEARNING

- Substantial outdoor learning spaces are required for cultivation and planting along with clear and simple access to the existing pond for aquaculture studies. The outdoor spaces will also be used for the geothermal wells.
- Topics of nature & health, especially in relation to food & water, are of crucial importance to Southeast Michigan.
 Project-Based/Interactive & Collaborative learning requires proper educational spaces both indoors & outdoors that are flexible and technologically up-to-date to serve the needs of the community college pedagogy and ultimately contribute to student success.

CONTACT

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