



Qualifications



QUALIFICATIONS FOR CONSTRUCTION MANAGER AT RISK SERVICES

Cleveland Heights-University Heights City School District
Cleveland Heights High School

CLEVELAND HEIGHTS, OH

October 17, 2013

C O N T E N T S

Executive Summary - Firm Profile

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Gilbane and Ozanne AIA A305 Standard Qualifications

October 17, 2013

Mr. Steve Zannoni
Project Management Consultants
127 Public Square, 39th Floor
Cleveland, Ohio 44114

RE: Qualifications for Construction Management at Risk Services

Dear Mr. Zannoni,

Gilbane Building Company, in association with Ozanne Construction Company, is pleased to submit our qualifications to serve you as CMaR for the Cleveland Heights High School project. Our team has spent considerable time reviewing your program, attending your board meetings and touring the site to truly understand your goals and objectives for this important community project.

We are in an excellent position to serve you because of the following elements:

- ▶ **EXPERIENCE** that matches well with your program. Gilbane • Ozanne has completed more than 100 OFCC programs totaling more than \$1 billion just in Cleveland. These facilities include major demolition, high schools, learning community spaces, and media centers. We understand the new technologies involved with K-12 programs and OFCC procedures.
- ▶ **TEAM** has worked together before and we are proposing staff with direct relevant experience that includes high schools, Cleveland experience, renovation, CMaR programs and demolition with unforeseen conditions. This includes asbestos removal at the John Hay Campus, demolition of John Marshall HS and capping an active natural gas well, and the abatement/demo of 10 buildings on the Mt. Sinai Hospital campus. Our team is sensitive to historic preservation and construction waste recycling related to large demolition programs.
- ▶ **SYSTEMS** and procedures are geared specifically for K-12 programs. We will assist you with our K-12 CostAdvisor conceptual estimating tool, energy saving programs, transition planning and technology expertise.
- ▶ **DIVERSITY** is critical to program success. Our CMaR team includes EDGE certified firms Calvin Singleton, a Cleveland Heights-based architecture firm, for design reviews and HLMS Sustainable Solutions for LEED compliance. In addition, our community outreach programs will ensure that local, diverse firms be involved in your program.
- ▶ **AVAILABILITY** of resources and staff are important on your program. Our team lives in the community and is available to begin work immediately.
- ▶ **CMaR** is well understood by our team. In fact, we assisted the State of Ohio and OFCC in the development of documents to allow the CMaR approach. Over 60% of our business is under this approach.
- ▶ **COLLABORATION** is key to project success and we have worked with all of the K-12 national and local architects including Perkins+Will, Fanning Howey, ThenDesign Architecture, and Moody Nolan. In addition, we have worked with PMC and respect their firm. This collaboration ensures early CM input.
- ▶ **SAFETY** is a key component to our construction fabric. Our team has managed over 2 million work hours during the last 7 years on the Cleveland Metropolitan School District with zero lost time accidents.

We look forward to the next step in your selection process. We are committed to the success of your program.

Sincerely,



Gilbane Building Company
Thomas M. Laird
Executive Vice President



Ozanne Construction Company
Dominic Ozanne
President & CEO

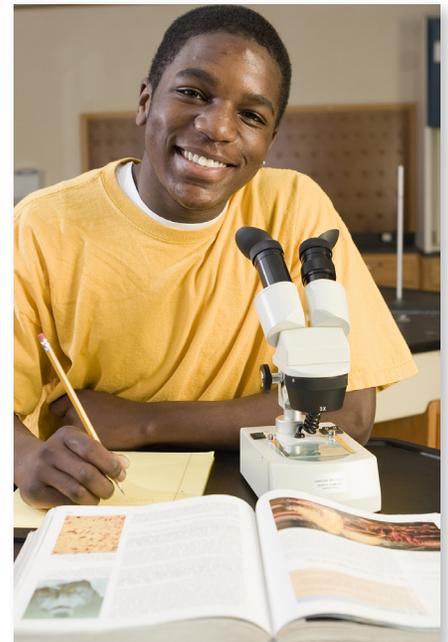
EXECUTIVE SUMMARY

Our team brings together a blend of professionals from both Gilbane Building Company and Ozanne Construction Company. This team has been working together for the past 12 years on the \$1.2 billion Cleveland Metropolitan School District Master Plan encompassing 38 new and renovated schools and the demolition of 31 facilities across the City of Cleveland. Together we are able to offer Cleveland Heights-University Heights (CH-UH) our combined experience which has fostered growth and learning through our years of collaboration. Our team's familiarity with OFCC policies and procedures and understanding of the needs and requirements of the range of K-12 and OFCC projects is unsurpassed.



Having built more than 2.9 million SF of K-12 space together, we recognize the importance of outstanding educational facilities and offer the best approaches to balancing cost with the unique requirements of the education industry. We can help CH-UH resolve the critical factors facing the educational landscape.

- ▶ **Never Compromise on Safety.** With many of our K-12 projects taking place on active campuses, student safety, and the safety of our workers is our primary concern. Our award-winning safety programs ensure that students, faculty, and anyone else on site are always protected.
- ▶ **Meeting immediate needs with an eye on the future.** While planning for long-term improvements for aging school facilities requires a thorough and systematic process, often urgent needs must be addressed in the short-term. For example, we helped address those critical needs through the Warm, Safe, and Dry program touching 120 schools at CMSD – ensuring students had immediate access to a safe and healthy environment.
- ▶ **Cutting-edge technology delivers technology-rich schools.** We realize there is more to technology-rich classrooms than just equipment, which is why we also help seamlessly integrate technology into your facilities for a richer educational experience.
- ▶ **Committed to diversity.** We will implement a contractor outreach program which include an outreach seminar which provide information to minority, female, disadvantaged, and local contractors and direct contact with the project team. Our team includes meaningful 15 percent EDGE participation with HLMS Sustainability Solutions for LEED compliance and Calvin Singleton & Associates, a Cleveland Heights-based architecture firm, will provide design review services.
- ▶ **Create energy and cost efficient schools with effective sustainability strategies.** We will help you evaluate the benefits of targeting LEED® certification. Utilizing custom energy models and benchmark studies, we help maximize the return on investment, reduce energy consumption, and exceed existing energy codes.





- ▶ **Ohio School Design Manual (OSDM).** Unsurpassed knowledge of the OSDM review process based on the completion of over 200 projects in the OFCC program.
- ▶ **We are a community partner.** Outstanding schools are a source of community pride, which is why we are committed to working with community members to keep everyone informed. For example, through the Bond Accountability Commission (BAC) more than 200 public meetings were held and extensive input was received from the community while the district, OFCC, and our CMSD CM team prepared the master facilities plan. Our process is transparent and we will communicate with the residents and implement student inclusion programs to involve the community in the building program.

K-12 CostAdvisor

The K-12 CostAdvisor is a tool that characterizes our dedication to excellence and customer satisfaction and is an innovative tool to help achieve a successful project.

The K-12 CostAdvisor is a model program designed by our team to develop conceptual estimates during the early stages of construction. It is intended to be used interactively with clients to develop construction costs and can then also develop total project costs, including a multitude of soft costs by program.

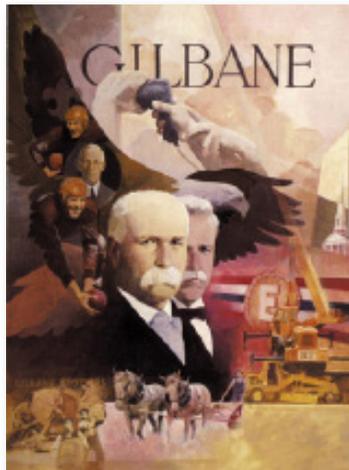
Based on the input from owners and architects, using “what if” scenarios to ascertain the type of information our clients may need to assess a project. Using national cost and historical data from our national K-12 archives, our experience is matched with the case scenarios to create a database with which our clients can easily analyze their needs based on our experience.

The CostAdvisor was designed with the client in mind. It is user-friendly, easily adaptable, and generates reports that are simple to read and easy to understand.

WE ARE LEADERS BUILDING IN K-12 FACILITIES...



Gilbane History and Philosophy



Founded in 1873, Gilbane Building Company is one of the nation’s oldest privately held construction companies. Fourth and fifth generation members of the Gilbane family continue to lead the 2,600 person company as a full-service construction company offering a variety of innovative facility solutions. As a leader in project delivery systems, Gilbane is a major innovator in construction management techniques and has the in-house resources to support our clients from the earliest planning stages through to project completion and close-out.

Current K-12 projects include Vantage Career Center, Upper Valley Career Center, Piqua City, Bellefontaine City, and Cleveland School Districts. Successfully completed schools include: Plymouth-Shiloh Local School District, Western Reserve Local School District,

Seneca East Local School District’s new PK-12 school; Galion City School District’s new elementary, middle, and high schools; Wapakoneta City School District’s new elementary schools, middle schools, and high school additions and renovation; St. Marys City School District’s new schools and renovations/additions; and multiple projects within the Cleveland Metropolitan School District’s renovation and modernization program.

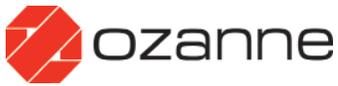
Gilbane is a firm that leads with integrity, loyalty, and a dedication to excellence. These are three of Gilbane’s six “core values” –and why over the past 140 years, Gilbane has had repeat business with 60 percent of our customers. Our professionals facilitate a team effort, foster cooperation and communication among players, and thereby minimize the risk of dissension, litigation, and ultimately saving money.

Gilbane
Core Values

- Integrity
- Toughmindedness
- Teamwork
- Dedication to Excellence
- Loyalty
- Discipline

GILBANE AT A GLANCE

- ▶ 140 years in business
- ▶ District office in Cleveland for more than 50 years
- ▶ Privately held corporation and managed by the fourth and fifth generations of the Gilbane family
- ▶ Manages more than \$4 billion nationally
- ▶ Currently managing more than 90 K-12 projects nationally totaling more than 8,804,869 SF and \$5.6 billion
- ▶ Ranked No. 1 CM in education according to *Building Design and Construction*



OZANNE AT A GLANCE

- ▶ In business for more than 57 years
- ▶ Headquartered in Cleveland, Ohio
- ▶ Recipient of the 2012 *Design-Build Institute of America Merit Award*
- ▶ 2012 *Greater Cleveland Partnership Best-in-Class Workforce Diversity*
- ▶ 2011 ENR Top 100 CM for Fee

Ozanne Construction Company History & Philosophy

Ozanne Construction Company, founded in 1956 in Cleveland, Ohio, is a multi-disciplinary construction management company doing business throughout the Midwestern and Southern United States. On an annual basis Ozanne averages over \$60 million in work on hand and over \$100 million as agency construction and program manager. We have

successfully worked for some of our nation's most respected and demanding owners including the United States Department of Justice, Federal Bureau of Prisons, United States Air Force Construction Management Division, Army Corps of Engineers, United States Post Office, NASA Glenn Research Center, and the General Services Administration, Ohio Facilities Construction Commission, Cleveland Metropolitan School District.

Ozanne has more than \$700 million and 2,900,000 SF of work with the Cleveland Metropolitan School District encompassed 38 new and renovated schools across the City of Cleveland.



Standard Qualifications

Gilbane and Ozanne's standard AIA A305 qualifications are included in the Appendix.

Bonding/Insurance

Please find evidence of our bonding capacity and insurance coverage on the following pages. Our confidential financial statements can be found under separate cover.



One Tower Square
Hartford, CT 06183

October 8, 2013

Mr. Steven Zannoni
Project Management Consultants
127 Public Square, 39th Floor
Cleveland, OH 44114

**RE: Gilbane Building Company
Contractor Qualification
Request for Qualifications for Construction Manager at Risk Services ("RFQ")
Cleveland Heights High School – Demolition, Renovation and Addition Project
Estimated Construction Cost: \$95,000,000 +/-**

Dear Mr. Zannoni:

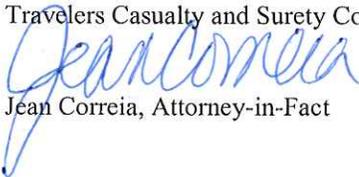
We understand that Gilbane Building Company is being considered for the above captioned project. Please be advised that Travelers Casualty and Surety Company of America has handled all of the bonding requirements for Gilbane Building Company for over 90 years. We have confidence in the financial and operations strength of the firm, and we are a strong supporter of their total work program. In the recent past, we have executed bonds on behalf of Gilbane Building Company in amounts up to \$250,000,000 with corresponding backlogs approaching \$2,500,000,000. We are pleased that Gilbane Building Company is pursuing the above referenced project, and we recommend them to you as one of the outstanding contractors in the country.

Gilbane Building Company has more than sufficient bonding capacity available to meet the requirements of this project, and has the ability to provide bonding in the amount of the project budget listed above, should they be selected and enter into a contract. Naturally, as is customary within the surety industry, the issuance of bonds is always contingent upon a favorable underwriting review that may include, but not be limited to, satisfactory contract terms, conditions, documents, bond forms, and confirmation of an acceptable financing source and payment provisions to Gilbane Building Company and Travelers Casualty and Surety Company of America at the time a request for bonds is made. It should be understood that any arrangement for surety bonds is a matter strictly between Gilbane Building Company and Travelers Casualty and Surety Company of America. We assume no liability to third parties or to you by issuance of this letter, should bid or final bonds not be issued.

Travelers Casualty and Surety Company of America is fully licensed to conduct business in the state of Ohio, and holds a Certificate of Authority as an acceptable surety listed on the United States Department of the Treasury's Listing of Approved Sureties (Department Circular 570) dated July 1, 2013. Furthermore, Travelers Casualty and Surety Company of America is rated "A+" (Superior) by A.M. Best Company.

If you need additional assurance regarding the technical ability or bonding capacity of Gilbane Building Company please do not hesitate to give us a call.

Sincerely,
Travelers Casualty and Surety Company of America


Jean Correia, Attorney-in-Fact



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 226836

Certificate No. 005598735

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Mark P. Herendeen, Kevin A. White, Jean Correia, Maria Chaves, Theresan E. Rowedder, Jane Gilson, and Bryan Huft

of the City of Boston, State of Massachusetts, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 14th day of August, 2013.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 14th day of August, 2013, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 8th day of October, 20 13

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

Kevin E. Hughes
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
06/28/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Northeast, Inc. Providence RI Office 100 Westminster Street, 10th Floor Providence RI 02903-2393 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105		
	E-MAIL ADDRESS:		
INSURED Gilbane Building Company Seven Jackson Walkway Providence RI 029400000 USA	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Liberty Insurance Corporation		42404
	INSURER B: Liberty Mutual Fire Ins Co		23035
	INSURER C:		
	INSURER D:		
	INSURER E:		
INSURER F:			

Holder Identifier :

COVERAGES **CERTIFICATE NUMBER:** 570050518159 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
B	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC <input checked="" type="checkbox"/>			TB2611259068023	06/30/2013	06/30/2014	EACH OCCURRENCE	\$2,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
							MED EXP (Any one person)	\$10,000
							PERSONAL & ADV INJURY	\$2,000,000
							GENERAL AGGREGATE	\$4,000,000
							PRODUCTS - COMP/OP AGG	\$4,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			AS2-611-259068-013	06/30/2013	06/30/2014	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION			TL2611259068053	06/30/2013	06/30/2014	EACH OCCURRENCE	\$10,000,000
							AGGREGATE	\$10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N	WA761D259068033	06/30/2013	06/30/2014	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH E.L. EACH ACCIDENT	\$1,000,000
							E.L. DISEASE-EA EMPLOYEE	\$1,000,000
							E.L. DISEASE-POLICY LIMIT	\$1,000,000

Certificate No : 570050518159

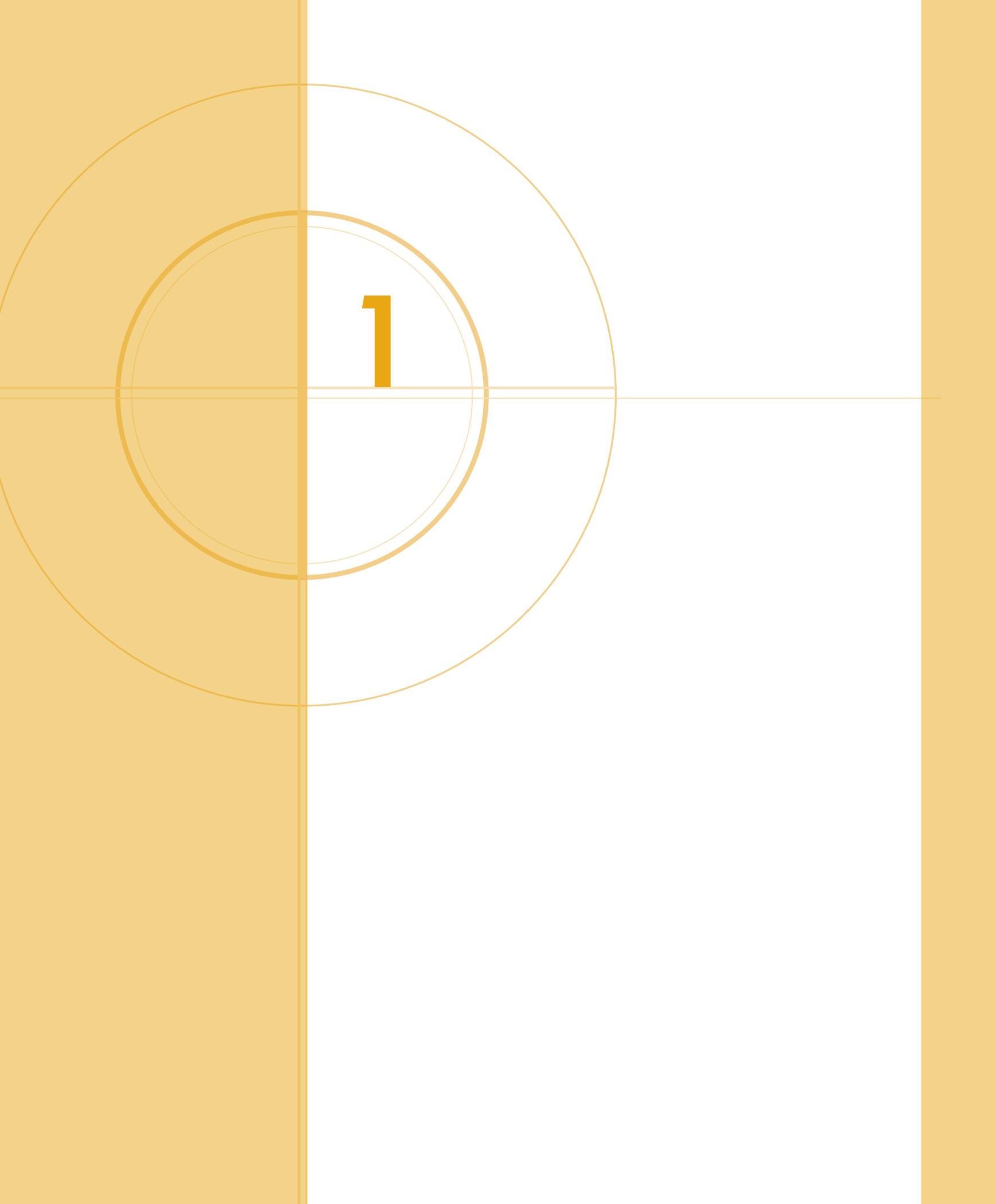
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Re: Evidence of Insurance Only

CERTIFICATE HOLDER**CANCELLATION**

Gilbane Building Company 7 Jackson Walkway Providence RI 02940 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Northeast, Inc.</i>

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1

BUILDING THE NEXT GENERATION OF

K-12 SCHOOLS

K-12 construction is a key part of our firms' core business. Our understanding of the school district's needs, expectations, and goals allows us to expertly manage OFCC projects. Utilizing the strengths of our companies combined, we offer a team that has similar high school renovation expertise, nationally leading K-12 experience, and an understanding of the local Cleveland Heights community and subcontractor market.

1 21st Century Learning Environments

Our team understands that K-12 construction is dynamic and requires an understanding of the school's mission, the community's needs, and the investment in student learning both now and in the future. A key aspect of today's K-12 facilities is creating a learning environment that encourages interdisciplinary interactions and the ability to provide flexibility in schools facilities to support STEM, vocational and music/arts curriculum.

2 Never Compromise On Safety

With many of our K-12 projects taking place on active campuses, student safety and the safety of our workers is our primary concern. Our award-winning safety programs ensure that students, faculty, and anyone else on site are always protected. That's why K-12 clients rank us as #1 in safety performance.

3 Facilities Built On Your Timeline

Through a Lean approach to construction management and project controls, we work collaboratively with the school district and design team to develop realistic schedules, maximize efficiencies, and improve overall project quality.

4 We are a Community Partner

Outstanding schools are a source of community pride, which is why we are committed to working with you and your community members to keep everyone informed and engaged on a project by project, as well as on a programmatic basis. We understand that these new or newly renovated buildings are "More than just schools."



#1
K-12 BUILDER
IN THE NATION
AS RANKED BY BD+C 2013



350+
K-12 PROJECTS

In the last 10 years
Total Combined
Construction Costs
Over \$12 Billion



K-12 Center of Excellence (COE)

Gilbane • Ozanne have developed a number of initiatives designed to respond to the evolving needs of our education clients, including the establishment of our K-12 Center of Excellence (COE). This market-focused peer group consists of our K-12 construction experts across our organizations. These teams meet regularly to share lessons learned and best practices and focus on company-wide initiatives that respond to critical issues in the education industry. Based on a full understanding of current trends and issues facing administrators and staff, the COE works to develop strategies that help schools implement facility solutions that will improve organizational efficiency.

Our K-12 COE brings together professionals such as estimators, project executives, regulatory experts and client-relationship managers across the entire enterprise. The ultimate goal is to share best practices, processes and procedures, tools and techniques specific to these unique client and building needs—from a state-of-the-art laboratory to a gymnasium, a public institution to an independent school. We have a full-time K-12 Market Leader dedicated to this initiative, an interactive Web portal specially designed to meet the needs of this dynamic collaboration and an extensive Lessons Learned database to tap into.

K-12 COE Benefits

- ▶ Clients benefit from Safety in School Construction best practices and communication tools.
- ▶ Expertise in several delivery methods provides clients with options and current data to make informed decisions.
- ▶ We offer a catalog of student learning opportunities associated with a construction project which helps minimize disruption to students and faculty.
- ▶ Classroom mapping is a specialty where we work with high school schedulers to make sure curriculum requirements can be met and class schedules are not impacted during construction in occupied buildings.
- ▶ Centralized resource for market trends, construction practices and client information.
- ▶ K-12 CostAdvisorSM is our early programming level cost modeling tool provided as part of our preconstruction services to assist with the “what if” scenarios of early facility planning.

Similar Successful Projects

Gilbane • Ozanne have many recent similar K-12 projects we have completed successfully. Our Lessons Learned and Best Practices that we have obtained from building multiple similar projects will be extremely useful in completing the Cleveland Heights High School project. Descriptions of our recent, similar K-12 projects are included in the following pages.

21st
CENTURY
 SCHOOLS EXPERTISE
 FOR INNOVATIVE AND FLEXIBLE
 LEARNING ENVIRONMENTS



KNOWLEDGE OF STATE OF THE ART
 FLEXIBLE LEARNING ENVIRONMENTS FROM
 NATIONAL K-12 COE EXPERIENCE



PROJECT INFORMATION

Architect:
Multiple - See Following Pages
for example projects

Square Footage:
Varies per Project

Program Cost:
\$1,500,000,000

Start - Completion:
01/2002 - 08/2015

Cleveland Metropolitan School District (CMSD) Master Program Cleveland, OH

Gilbane and Ozanne are teamed with an EDGE firm for the largest school district construction program in the State of Ohio encompassing more than 120 buildings. The Ohio Facilities Construction Commission (OFCC) and CMSD are funding a multi-year program to improve the district's facilities.

Many of the buildings within the district were originally built in the early 1900s and the last new facility, the Health Careers Center, was constructed in 1980. In May 2001 voters approved a bond issue to provide funds toward district-wide improvements.

The joint venture team identified many critical challenges early in the project, including such fundamental issues as working with two owners with divergent priorities, expectations, and organizational structures. Other challenges included the need to create new processes for nearly every activity, establishing a new organization to run the project, and the sheer magnitude of the program.

Community Partnership

Creation of the Bond Accountability Commission (BAC) is just one example of the unprecedented community collaboration for the CMSD's building program. The 23-member BAC serves as an independent group to oversee the construction process on behalf of the citizens of Cleveland. The committee consists of volunteers from the community who help to communicate construction progress and account for the OFCC and bond funds that are being utilized. Over 200 public meetings were held and extensive input was received from the community while the district, OFCC, and the program team prepared the master facilities plan.

Contractor outreach and community collaboration led to unprecedented local involvement in the CMSD program. The district has set hiring standards to ensure minority, female, and local contractor participation. Early in the program, Gilbane and Ozanne held semi-annual contractor outreach seminars to stimulate local interest, allowing contractors to learn about CMSD's master facilities plan, and to better understand the processes required by the OFCC.

Warm, Safe, and Dry

Due to the longevity of this building program, there were concerns on behalf of the project team, the district, the OFCC, and the community about the urgent needs of the facilities. Many of the facilities in the buildings were depleted, with leaky roofs, dysfunctional boilers, and broken windows and could not wait to be addressed in five or 10 years as part of the capital improvement program. As a result, Warm, Safe, and Dry (WSD), a first for a school building program in the State of Ohio, was developed specifically for the CMSD. The WSD program, was designed to address the immediate requirements of the district's facilities to enable them to be utilized until they can be addressed later in the master plan.

WSD was a vital element of the CMSD program as the \$65 million program touched over 110 schools and allowed for valuable swing space as construction progresses. Not only did WSD enable schools to be utilized during construction, addressing the needs of the facilities, in segment one allowed the school buildings to be made safer and created a better learning environment for the children.

Schools addressed through the WSD initiative were segmented into nine groups with each group being assigned an architect. The magnitude of the CMSD program is evident in this portion of the program with the coordination of nine architects and 27 contractors at 111 different facilities. The entire WSD program was completed in summer 2005.

Dual Ownership

Together the OFCC and the CMSD created a master plan to provide the children of Cleveland with facilities designed to meet their educational needs for the next 40 years. However, the priorities, goals, and expectations of the two organizations are very different. In summary, the OFCC's focus is on preconstruction and cost control, while the CMSD's focus is on schedule and community participation. The OFCC takes a conservative approach to ensure that every district it serves has the time required to complete its activities in an efficient and cost-effective manner. The CMSD is more aggressive in its approach, and is more concerned about the project schedules to provide the children of Cleveland with state-of-the-art facilities as soon as possible.

Establishing New Processes

Since this is the largest project that the CMSD has ever undertaken, and the first capital project in over 20 years, every process needed to be created from scratch. Some processes include the pay-application/invoice approval process, bidding/purchasing process, change order process, permit acquisition process, and phase submission approval process.

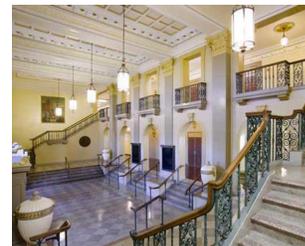
Multiple departments are involved within the CMSD, including facilities, purchasing, finance, and accounting, each with their own special requirements. When the OFCC's requirements are then addressed, many conflicts arise. The program team is working with all parties to facilitate solutions that address the blended requirements of all parties.

Project Magnitude

The magnitude of the CMSD project was evident in and the flurry of projects simultaneously occurring over the vast district. Segmenting the project into easily attainable segments was a challenge that was resolved through extensive planning and cooperation. The segments have now been finalized and the program team is responsible for overseeing multiple projects in various locations. Over the course of the project, it is anticipated that 360 estimates will be performed and over 40,000 pay applications will be processed.



Our team has highlighted select CMSD projects which include similar components to the CH-UH program on the following pages.



PROJECT INFORMATION

Architect:
Richard L. Bowen +
Associates

Project Square Feet:
252,313 SF

Construction Cost:
\$37,000,000

Completion Date:
March 2006

Cleveland Metropolitan School District John Hay High School Renovation

Cleveland, Ohio

A signature project in the CMSD master facilities plan was the comprehensive restoration of the John Hay Campus, originally constructed in 1929. The building was closed to students to complete the extensive interior and exterior renovations to the facility.

Many of the original architectural features of the building were preserved in the renovations including glass block floors in the hallways, skylights in the third-floor cafeteria, wood floors in the classrooms, and stained glass elements. The interior plaster walls and hard wood floors were repaired and refinished to preserve the 'vintage' look of the building. The auditorium was restored to seat 1,600 and includes a gilded ceiling with gold leaf detail.

The facility houses grades 9-12 and hosts three small learning communities with independent curriculums including the School of Science & Medicine, School of Architecture & Design, and Early College High School.

Contractor outreach and community collaboration led to increased local involvement throughout the CMSD program. The district has set hiring standards to ensure minority, female, and local contractor participation. Early in the program, Gilbane, Ozanne, and the construction team held semi-annual contractor outreach seminars to stimulate local interest, allowing contractors to learn about CMSD's master facilities plan, and to better understand the processes required by the OFCC.





Cleveland Metropolitan School District James F. Rhodes High School Renovation

Cleveland, Ohio

Located on Cleveland's west side, James F. Rhodes High School was originally constructed in 1932 and, in Segment 2 of CMSD's master facilities plan, the building underwent extensive interior and exterior renovations. The renovations were completed in seven phases as the work was scheduled to not interrupt instruction while one-third of the student population continued to occupy the building throughout the project. The construction team worked closely with the architect and district to develop extensive phasing plans and to coordinate swing space as the project progressed.

Phase 1 started in February 2005 with garage repairs and then in the fall of 2005 proceeded with interior renovations including relocating the cafeteria from the 2nd floor to the 1st floor and adding a 2nd floor media center. The cafeteria opened in August 2005 and the media center in early 2007.

Phases 2 through 7 were conducted from the fall of 2006 through the spring and summer of 2008. Work included gym renovations, all new MEP systems, classrooms, labs, locker rooms, administrative areas, auditorium renovations, updated technology, furnishings, exterior building restoration and site improvements.

The building now houses 1,000 students in grades 9-12 and is organized in multiple small learning communities for varying disciplines including the School of Medicine, Public Health & Justice, School of Media, Inquiry, & Technology and the Center for Urban & Environmental Studies.



PROJECT INFORMATION

Architect:
Cleveland Educational
Design Alliance (CEDA)

Project Square Feet:
164,931 SF

Construction Cost:
\$25,000,000

Completion Date:
March 2008





PROJECT INFORMATION

Architect:
Cleveland Educational
Design Alliance (CEDA)

Project Square Feet:
228,032 SF

Construction Cost:
\$38,000,000

Completion Date:
August 2006

Cleveland Metropolitan School District John Adams New High School

Cleveland, Ohio

The new John Adams High School was constructed on the same site as the original John Adams which was demolished in the mid 1990's. Prior to the start of the new building site remediation, funded by Locally Funded Initiatives (LFI), was conducted to prepare the site for the new building during early 2004. The new John Adams 9-12 high school was constructed in September 2004 to August 2006.

The 3-story high school features two gyms, a 1-story media center with standing seam roofing, cafeteria, high bay art area and a 3-story classroom wing that accommodates 3 schools within a school. In addition, the west elevation replicates the original building with the stairway and columns adjoining the building. The shingled hip roof includes exterior gutters and downspouts.

The community welcomed the return of this high school with a ground breaking ceremony that attracted well over 300 people and a very successful open house that attracted over 1,000 people over a 3 day weekend in 2006.



PROJECT INFORMATION

Architect:
Moody Nolan Inc.

Project Square Feet:
155,145 SF

Construction Cost:
\$16,000,000

Completion Date:
August 2003

Cleveland Metropolitan School District Franklin D. Roosevelt K-8 Renovation

Cleveland, Ohio

The Franklin D. Roosevelt project was a renovation of an existing middle school built in the 1970's to a 21st century K-8 school. The project consisted of interior demolition and abatement, new mechanical, electrical and plumbing systems in addition to updated site amenities, interior finishes, kitchen equipment, furnishings, technology and security enhancements.

Additional owner requested items consisted of exterior building painting, landscaping, stage curtains and additional interior painting. The building was occupied with students in August 2007 and remains in operation.



PROJECT INFORMATION

Architect:
Stantec

Project Square Feet:
70,341 SF

Construction Cost:
\$10,000,000

Completion Date:
August 2003

Cleveland Metropolitan School District Mary Bethune K-8 Renovation/Addition

Cleveland, Ohio

The Mary Bethune project was a renovation of an existing 2-story 1960's building with a 2-story addition to provide additional program space. The project consisted of interior demolition and abatement, new mechanical, electrical and plumbing system, utilization of warm, safe and dry windows, security screens, doors and roofing. Updated site amenities include landscaping, interior finishes, kitchen equipment, additional parking area, furnishings and technology and security enhancements.

The project also consisted of a 2-story masonry bearing addition that houses the media center, art room, cafeteria and music room. The building was occupied with students in August 2006 and remains in operation.



PROJECT INFORMATION

Architect:
Irie Kynk Goss, Architects

Project Square Feet:
30,649 SF

Construction Cost:
\$7,000,000

Completion Date:
August 2012

Cleveland Metropolitan School District Louisa May Alcott Renovation

Cleveland, Ohio

The new Louisa May Alcott project consisted of the renovation of the existing 1926 building as well as the 1972 addition. The renovations include new plumbing, sprinkler, HVAC and electrical systems throughout the building. New 21st century technology including wireless access was incorporated into the school. New finishes such as flooring, windows, ceilings, painting, doors and hardware in addition to new furniture were provided. The interior courtyard was enclosed to provide added classroom spaces.

The project was completed within a 9-month timeline and is applying for LEED silver status. The renovated K-5 building now provides the students in this neighborhood with an outstanding 21st century learning environment.



Mansfield City School District, Mansfield Senior High School

Mansfield, Ohio

The new, Mansfield Senior High School is the largest, single building program funded by the Ohio Facilities Construction Commission. The senior high school consolidated grades 9-12 from three facilities within the district.

As part of the land acquisition initiative for this new facility, negotiations occurred between the city and owners of sixty-five adjacent single-family homes. Once acquired, Gilbane orchestrated a large coordination effort between multiple community user groups to reconfigure the city's infrastructure.

Maintaining high school operations and securing faculty/student safety was a top priority with the construction site only 30 feet from the existing school. Focused efforts in developing and implementing a site utilization and staging plan were successful. Key features of this plan involved the origination of a temporary parking system, alternate bus routes, and construction traffic layout. Monthly meetings between the City of Mansfield and the police and fire departments facilitated the process.

The new high school is a comprehensive campus that includes both traditional and vocational classrooms. A new Career Technology Center features spaces for cosmetology, culinary arts, machine trades, construction trades, business, auto technology, childcare, and other vocational spaces. The facility houses a gymnasium and an auxiliary gymnasium, an auditorium with orchestra pit, extensive musical spaces featuring soundproof practice rooms, and a student plaza.

PROJECT INFORMATION

Architect:
MKC Architects, Inc.

Project Square Feet:
354,000 SF

Construction Cost:
\$50,400,000

Start - Completion:
06/2001 - 08/2004



St. Marys City School District, New Middle/High School, and Renovations/Additions

St. Marys, Ohio

Rebuilding and modernization program included a new middle/high school for students in grades 6-12; renovations to Dennings Vocational Building and East Elementary School; and renovations/addition to West Elementary School.

New Middle/High School: Features include a 600-seat auditorium; student and staff dining commons with full-service kitchen; 35 academic classrooms, nine labs with teacher preparation work rooms, and eight, special-education rooms; a competition gymnasium and auxiliary gymnasium with five student-locker rooms, training room, health classroom, and multi-use PE room; and media center with computer labs and support spaces. The exterior has a standing-seam metal roof, ground face blocks, and brick and split-faced block. There are 118 security cameras throughout the facility.

This high-performance building contains a geothermal system, which harnesses the ground temperatures for efficient and economical heating and cooling of the building, thus eliminating the need for the school to be dependent on natural gas for heat and the expense of operating a chiller for cooling. The geothermal well field has 288 geo wells/geo loops at 305 feet deep. Other green items include cool or high-reflective roof colors, pervious concrete, and motion-activated lighting controls.

Dennings Vocational Building: The renovations serve students in grades 9 -12 from various surrounding school districts interested in the vocational curricular offered. Included replacement of safety shower/eyewash systems; acoustical ceilings; interior lighting/emergency egress lighting replacements; new building security system, fire alarm system and fire suppression system; replacement of technology wiring and infrastructure; and replacing outdated/inadequate furniture.

East Elementary School: Renovations included replacement of HVAC systems, interior and emergency egress lighting, and building security system; provisions for a back-up generator and fire suppression system; technology wiring and infrastructure replacement, and worn, outdated, or inadequate furniture.

West Elementary School: Renovation/addition included a new gymnasium; new fire alarm, security and air conditioning systems; and all buildings were fully sprinklered with fire protection and emergency generators.

PROJECT INFORMATION

Architect:

Fanning/Howey Associates

Project Square Feet:

424,753 SF Total

210,935 SF New

213,818 SF Renovation

Construction Cost:

\$55,000,000

Start - Completion:

11/2008 - 02/2011



PROJECT INFORMATION

Architect:
SHP Leading Design

Project Square Feet:
443,000 SF

Construction Cost:
\$55,000,000

Start - Completion:
06/2010 - 12/2012

Pickerington Local School District

Pickerington, Ohio

Pickerington City School District's overall building program includes renovations and multiple additions to five occupied school buildings. The project is targeting LEED Silver certification.

Renovations at Ridgeview Junior High total 120,000 SF and include a major mechanical upgrade and finishes throughout. Due to the age of the junior high facility, the building was reconfigured to meet the needs of the district without adding additional square footage and reusing the current space. Construction at the Central High School include 210,000 SF of renovations and a 1,100 SF addition. Renovations at the three elementary schools include Fairfield (49,000 SF), Pickerington (47,000 SF) and Violet (47,000 SF).

All projects are phased renovations with aggressive schedules to coordinate with holiday and summer vacations. On average, Gilbane coordinates five separate phases of renovations within each occupied building with strict safety measures to protect the students, faculty, and visitors working in adjacent spaces. To help facilitate the moves, Gilbane also oversees the removal of existing furniture from the facilities.

At the district's request, a month earlier than originally planned, Gilbane successfully bid and built out space for the district's \$1 million network mechanical room between June and August 2010. The 3,000 SF area serves as the operating center for the District and the technology and equipment was installed and the room completed on time for the first day of school with no down time.



PROJECT INFORMATION

Architect:
Garmann/Miller Architects & Engineers

Project Square Feet:
259,000 SF

Construction Cost:
\$34,000,000

Start - Completion:
01/2011 - 12/2012

Vantage Career Center

Van Wert, Ohio

Vantage Career Center provides authentic, student-focused, career technical training that prepares high school students and adults for employment and further education. High school students from 13 schools can choose from 16 career technical programs and nearly 2,000 adult learners are served annually at Vantage.

The project scope included renovations and additions to career center to house 485 students. Facility additions added more space and included complete renovation of the entire center; relocating three training rooms into new space; and increasing overcrowded classrooms.

All spaces are handicap-accessible and modern science labs were built with running water, proper lighting, and life safety systems. The main operational systems in electrical, plumbing, and heating were replaced with proper capacity and high efficiency systems.

Gilbane actively used Building Information Modeling (BIM) on the Vantage Career Center and the project is pursuing LEED Gold Certification.





School District of Philadelphia Microsoft School of the Future

Philadelphia, Pennsylvania

Located in West Philadelphia adjacent to Fairmount Park and the Philadelphia Zoo, the School of the Future is a grade 9-12 high school for approximately 750 students. Designed to promote interaction among students in an open environment the building includes general classrooms, science rooms, an art room, instrumental and vocal music rooms, fitness center, two gymnasiums, an Interactive Learning Center, performing arts center, and special educational spaces.

In collaboration with Microsoft, the school aims to be the most technologically advanced in the world and serve as a model for the future schools by melding high technology with cutting-edge learning environments. Students use computerized tablets, interactive digital textbooks and wireless, mobile technology. Similarly, technology is embedded to streamline administrative functions, such as attendance, ordering lunches and school supplies, teacher training and tracking student progress. Combining the best of industry and education, the project will bring together research-inspired learning principles and best-in-class technology in order to create a model for 21st century learning environments that can be duplicated across the country.

The facility is certified LEED Silver and employs state of the art strategies for ultimate site sustainability in materials selection, water savings, energy efficiency, and indoor environmental quality. To minimize cut and fill to the site, the building is stepped into the terrain of the densely wooded and steeply sloped site. While the building is primarily a three-story structure, the extreme site and grade changes require the building to extend a fourth story into the terrain at lower elevations of the site. However, the building is designed to create a soft view from locations throughout the park and by the neighborhood residents.



PROJECT INFORMATION

Architect:
The Prisco Group

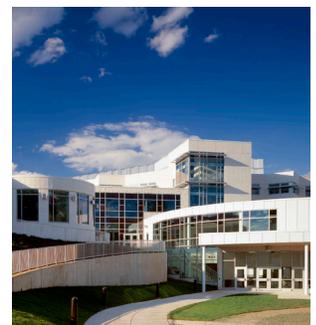
Project Square Feet:
161,000 SF

Construction Cost:
\$45,445,542

Start - Completion:
11/2004 - 09/2006

Winner of 2006
Construction Excellence
Honorable Mention for
Best Commercial Project,
Associated General
Contractors, Philadelphia
Chapter

Winner of 2006
Project of the Year for
Private Project,
Construction Management
Association of America,
Mid-Atlantic Chapter





PROJECT INFORMATION

Architect:
Multiple Architects

Square Footage:
4,200,000 SF

Program Cost:
\$1,660,000,000

Start - Completion:
02/1998 - 12/2015

New Haven Schools

CAPITAL PROGRAM

New Haven, CT

Gilbane is providing program management services for a 46-school construction and renovation program involving 4.2 million SF in the city of New Haven, Connecticut. The \$1.66 billion, 17-year construction program includes renovation, demolition, new construction, and relocation for site-specific requirements of an entire state of the art K-12 school system, collegiate level athletic field-house, central kitchen and ancillary facilities. Services began in 1998 and are anticipated to continue through 2015.

School construction spans across all grade levels from Pre-K through High School. Completed projects range from 35,000 SF to 322,000 SF. Upon completion of the program, Gilbane will have brought on line 15 totally new schools and 31 completely renovated schools. The project is the largest school construction program in the state and the largest per capita in the country.

Local Job Creation

Gilbane worked with Nichole Jefferson, Executive Director of the City's Commission on Equal Opportunity to attract, train and nurture individuals of diverse backgrounds for employment as a local workforce hires. In New Haven, Gilbane assisted in extensive outreach efforts which resulted in attracting 400-500 applicants at the end of each period of outreach. Of those interested, on average, 100 supplied the relevant materials and pass the drug screening. Of those, over 75% on average completed the pre-apprentice program, to train individuals interested in pursuing employment in the construction industry with skills necessary to be successful. Our agreement with the unions in New Haven is that the top 20 students are offered jobs in the respective trade. The result was **1,061 jobs created for minorities** through the school-construction program. This includes **599 New Haven minority resident** jobs created and 181 jobs created for women, with \$5+ million allotted to the City minority community through certified payroll.

The City of New Haven has pledged to build only high performance, energy efficient schools in the future. Since 2003, Gilbane has developed a comprehensive High Performance School's design and construction program where all schools have been designed to meet a combination LEED and Energy Star standard, with one of the new schools (the Barnard Environmental Magnet School) achieving LEED Gold certification. While recognizing and tracking the LEED points that are achievable on each project, New Haven does not pursue LEED certification on each project and instead is an Energy Star Partner and uses the EPA Energy Star Target Finders for program and project goal setting, seeking a minimum score of 75 on a scale of 100. Currently, all new schools have been achieving Energy Star ratings. To date, thirteen new schools have been completed under the high performance program and 19 others have been upgraded, with operating cost savings of \$5,000,000 annually, resulting from an overall energy use improvement of over 65% from the initial 230 kbtu/sf average of all buildings to a current 75 kbtu/sf average. The 20-year lifetime utility cost savings are expected to exceed \$100,000,000.

Leadership and a Long-Term Perspective: Enthusiastic support for the goals of New Haven's program starts with the City's Mayor, continues with the Superintendent of the Board of Education and his staff, and is fundamental to the day-to-day work of contracted school construction program manager Gilbane Building Company, which manages all project design and construction, and AFB Services, which manages school operations. All parties recognize that today's construction will be with New Haven for many decades to come and that the multiple benefits of this approach, in money saved, improved occupant health, and increased student learning, more than offset the additional costs.

Design Standards: To support this effort, New Haven created a High Performance School's Design Guide that includes both mandatory and optional standards for new school and major rehabilitation, and, perhaps most importantly, lays out a detailed process for design, energy modeling, construction oversight and review, and measurement and verification of results.

Integrated Design: The building design process creates a design team that brings together all of the professionals engaged in a project (architects, landscape architects and site planners, engineers, and operations specialists) to collaboratively develop a design that optimally addresses the project owners needs and requirements. This process often addresses trade-offs created by competing objectives and site opportunities and limitations.

Building Information Modeling: The design engineering process makes extensive use of computerized modeling applications to test the performance of design alternatives and optimize design components.

Early and Ongoing Commissioning: An independent Commissioning Agent is hired early in the design process to monitor the design discussions and decisions, to ensure that design standards are followed, to confirm that construction activity and systems installed conform to design specifications, and to verify that all installed equipment operates as intended by the design team.

Process and Performance Auditing for Continuous Improvement: The construction team employs an iterative process, including retro-commissioning as appropriate, to ensure that building systems and components are performing properly and generating expected results. All aspects of the project, including the design and construction process itself, are evaluated so lessons learned can be applied to future projects.



Betsey Ross Magnet School



Edgewood School



John S. Martinez School



PROJECT INFORMATION

Architect:

Clark Patterson Lee
Chaintreuil Jensen Stark
Architects, LLP
SWBR Architects & Engineers
P.C.

Square Footage:

1,000,000 SF +

Program Cost:

\$1,200,000,000

Start - Completion:

07/2012 - 12/2016

Rochester Joint Schools Construction Board

ROCHESTER CITY SCHOOL DISTRICT FACILITY MODERNIZATION PROGRAM

Rochester, NY

Rochester Joint Schools Construction Board (RJSCB), agent for the Rochester City School District and the City of Rochester, is embarking on a multi-phased Facilities Modernization Program (FMP). The FMP is a three-phase program to update and improve school facilities, and will span 15 years and total approximately \$1.2 billion. The program is expected to infuse more than a billion dollar into the local economy, making it the largest public project in Rochester's history.

Throughout the project, Gilbane is collaborating with the District's Facilities Department staff to plan for modernization of the schools in the Rochester City School District. For the Phase One program, this includes 12 schools where design and construction will occur from 2012 - 2016. Special attention is paid to minimizing the disruption of school operations. The overall program will create a portfolio of state-of-the-art schools for students and families in the Rochester City School District to choose from.

Many of the schools will be modernized to address academic/programming needs including technology and operating systems improvements, additions that will be built to accommodate anticipated educational program needs, site improvements to address pedestrian and traffic safety concerns and refurbishment of the existing interior finishes including the abatement of asbestos-containing materials.

Public input into the overall program was gathered through the School Community Advisory Committee public meetings held in 2004-05, meetings with and surveys of staff, Schools of the Future meetings, and information sessions conducted by the Board of Education in January 2006. Input from these meetings was reflected in an initial program plan in 2007 which was updated by Gilbane in 2011 and is carried over into the current proposed Master Plan for Phase One.



The Cleveland Museum of Art, Campus Expansion/Renovation Cleveland, Ohio

Gilbane and its joint venture partner provided CM at-risk services for the \$258 million expansion and renovation of The Cleveland Museum of Art (CMA). The expansion program occurred in two phases and reorganized the existing structure to create a unified facility with efficient circulation while providing a significant increase in gallery space.

Milestone One was constructed in five phases totaling \$127 million. It included demolition of existing facilities, a new underground entrance, atrium lobby, 125,000 SF of galleries and public spaces, new offices for museum staff, parking structure for 650 cars, a complete upgrade of all building mechanical and electrical systems, and a central utility plant.

A 34,000 SF, glass-enclosed 'piazza,' which is the jewel of the Rafael Vinoly signature design, was included in Milestone 2. This atrium, modeled after the streets of Venice, Italy, included a 70-foot-high skylight and features a restaurant and café and gift shop. The atrium is the primary location for special museum programming.

The CM team has partnered with CMA to establish a comprehensive building program that encourages MBE/WBE opportunities and all contractors were required to provide a plan that enhances CMA's commitment. To facilitate contractor partnerships, the project team held a Construction Community Kick-Off and Diversity Forum to allow prime contractors and MBE/WBE firms to learn more about the construction process and form alliances. Additionally, a diversity advisory group was established and met regularly to monitor involvement.



Phase 1 featured the installation of an innovative, 22-foot high, "double skin" glass-box gallery assembled utilizing no metal fastening.

PROJECT INFORMATION

Architect:
Rafael Vinoly Architects

Project Square Feet:
600,000 SF

Construction Cost:
\$258,000,000

Start - Completion:
06/2005 - 03/2013



PROJECT INFORMATION

Architect:
Multiple Architects

Project Square Feet:
More than 188 Projects

Construction Cost:
\$200,000,000

Start - Completion:
01/2009 - 12/2012

Cuyahoga Community College Master Plan

Cleveland, Ohio

To aid in the implementation of Cuyahoga Community College's Academic and Facilities Master Plan as program manager/owner's representative, Gilbane managed an organization of seven construction management firms and collaborated with nearly 100 design professionals and specialty consultants.

With more than 188 projects, Gilbane's services helped the capital and construction staff at Tri-C successfully accomplish a wide range of projects in three years. A sample of significant projects included:

- ▶ Health Careers and Technology Center - New facility to house programs such as occupational therapy, anatomy and physiology labs, nursing and biology/chemistry spaces.
- ▶ Westshore Campus Center - New building included health careers, classrooms, studio classrooms, lecture halls, science labs, library, admissions, business center, bookstore and cafe.
- ▶ Natatorium/Wellness Addition - New natatorium and wellness addition which included a swimming pool, therapy room, locker rooms, dance studio, fitness center and student lounge.
- ▶ Downtown Hospitality and Culinary Arts - Renovation of the May Company Building into classrooms, faculty offices, culinary store, demonstration kitchen, beverage laboratory and commercial restaurant space.

The Gilbane team interfaced daily with Tri-C's staff to assist with a variety of tasks including project definition, selection of architects and engineers, bidder solicitation, preparation of conceptual budgets and schedules, monitoring the construction management process, implementation of diversity outreach methods, and developing sustainability requirements.





PROJECT INFORMATION

Architect:
Robert P. Madison
Phillips Swager Associates

Project Square Feet:
800,000 SF

Construction Cost:
\$15,000,000

Start - Completion:
07/2003 - 04/2004

Case Western Reserve University, West Quad Demolition Cleveland, Ohio

This project included the demolition of the former Mt. Sinai Medical Center and seven of the 10 buildings on the 14-acre site were razed. The West Quad is planned to house medical and research facilities on the Case campus including the Cleveland Center for Structural Biology/Wright Fuel Cell Group building.

Asbestos abatement and removal of hazardous materials were key early in the project. Gilbane assisted in the abatement process to ensure all EPA requirements were met while decommissioning the former hospital building. It was critical that all items such as bulbs, light ballasts, drugs, fluids, and other hazardous materials were accounted for and documented before demolition could begin.

The West Quad site is directly adjacent to the Citizens' Academy elementary school property. Gilbane altered the demolition sequence in order to raze the buildings closest to the school when classes were not in session. In addition, truck traffic was redirected from the school and high fencing was erected to provide a visual barricade to minimize student exposure to the site.

Gilbane partnered with Case's Supplier Diversity Initiative Council (SDIC) to ensure meaningful minority participation throughout the project. A diversity program was held prior to bidding to stimulate minority interest in the project. Over 200 representatives from local minority, female, and disadvantaged businesses were present to learn how they could be involved in the West Quad project, as well as other future projects on the Case campus. The project reached its goal of 35 percent minority participation and more than 88 percent of the general conditions were performed by local minority companies.

Demolition program included 10 buildings on the 14 acre site adjacent to an operational K-12 facility.

Project Owner References:	
Cleveland Metropolitan School District	
Name:	Mr. Gary Sautter
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New Haven Schools	
Name:	Dr. Reginald Mayo
Title:	Superintendent
Telephone #:	(203) 946-8888
Cleveland Museum of Art	
Name:	Mr. Jeffrey Streat
Title:	Deputy Director of Design & Installation
Telephone #:	(216) 707-2400
Cuyahoga Community College	
Name:	Mr. Peter MacEwan
Title:	Vice President, Capital & Construction
Telephone #:	(216) 987-4758
Vantage Career Center	
Name:	Ms. Staci Kaufman
Title:	Superintendent
Telephone #:	(419) 238-5411

Letters of Recommendation

The Pickerington Local School District

May 8, 2012

To Whom It May Concern:

This letter of recommendation is being written on behalf of Gilbane Building Company, the construction manager for the Pickerington Local School District. The Gilbane team of passion, commitment, experience, integrity and professionalism was demonstrated on our building project. All Gilbane employees on this project is the single most important project and have represented our district in a positive and professional manner.

Gilbane approached this project as if they are building the schools for their own families and community. They are customer oriented listening to our requests and guiding us on how to construct schools that meet our needs now and in the future. The Gilbane staff truly models a team approach, involving everyone who has a role in the project to guarantee the best possible finished product for our community.

Since the construction phase of the project includes 5 separate buildings and many individuals, communication is extremely important. The Gilbane staff has ensured that the principals, teachers, custodial staff, etc. have been involved and communicate with them on a daily basis. Communication is essential in a building project and Gilbane fostered their guarantee of quality assurance by scheduling weekly construction meetings and monthly Core meetings in which we received project updates. These meetings provided us with an open forum to discuss any questions or concerns we had with members of the construction team, the OSFC contact, and the architects. The members of the Board of Education were encouraged to attend these meetings to be briefed on the status of the project and to provide their input as members of the community.

Gilbane approached this project as if they are building the schools for their own families and community.

**- Vince Utterback,
Business Manager
Pickerington Local Schools**

St. Marys City Schools
101 West South Street
St. Marys OH 45885-2599
FAX: 419-394-5638
www.smridders.net

Board of Education
Ralph Wiley, President
Eric Langsdon, Vice President
Lisa Tobin
Rees Mckeon
Craig Gottschalk
Thomas S. Sommer

September 24, 2009

To Whom It May Concern,

It is our pleasure to write a letter of recommendation for Gilbane Building Company. Our district is currently under construction from renovations of 3 buildings to a brand new 210,000 square foot middle and high school, altogether a 55 million dollar project. Gilbane Building Company has been our construction manager firm from the beginning of the project.

We have been very appreciative of the communication, attention to detail and desire to deliver a great building to the district. Beyond the focus on the district's projects, Gilbane does a wonderful job with assuring safety for the construction crews. The district attends weekly meetings with Gilbane, contractors and architects and safety is the very first item of discussion each week. Since most contractors are aware of the Gilbane standard for safety, there is not much to report so we quickly move to quality and schedule, two very important factors for the district.

The Gilbane Building Company staff assigned to our projects are enjoyable, up-front and help us, as owners, make decisions that are beyond our experience. They take the time to explain options and give examples of other how schools made decisions. From an owner standpoint this is very helpful. We believe we have a dedicated group of Gilbane staff, backed by a quality company who are working with us closely and patiently to deliver quality schools to the students of St. Marys City Schools.

Sincerely,
Mary Rieppenhoff
Mary Rieppenhoff

We have been very appreciative of the communication, attention to detail, and desire to deliver a great building to the district. . . . Gilbane does a wonderful job with assuring safety. . .

**- Mary Rieppenhoff
Superintendent
St. Marys City Schools**

BELLEFONTAINE CITY SCHOOLS ADMINISTRATIVE OFFICES
820 LUDLOW ROAD BELLEFONTAINE, OHIO 43111 (614) 599-8060

February 6, 2013

To Whom it May Concern,

I am pleased to write this letter of recommendation regarding the construction management services of The Gilbane Construction Company, in particular, the service of Todd Marcum and Jason Woehrl.

As our OSFC project is nearing its end, I cannot say enough about the work and dedication that has been shown by Gilbane's employees. Every phase of the process has been managed and communicated well-from initial planning, weekly and monthly meetings, budgeting and now, the closeout process. I have been fully informed along the way.

This project has been a financially difficult one from the beginning. Gilbane has worked with the district and architects through a rebidding process and value engineering of the buildings. At one point in the project, we faced a possible change order of \$500,000 to a million dollars, and the folks at Gilbane were able to problem-solve with all entities, and reduced the cost of the change to \$100,000. This kind of expertise and ability has enabled me to spend my time running a district, instead of dealing with construction issues.

The district and Board of Education are extremely pleased with the work of Mr. Marcum and Mr. Woehrl, and would recommend their quality services to any school district.

Sincerely,
Beth Harman
Beth Harman
Superintendent
Bellefontaine City Schools

VANTAGE CAREER CENTER GET THE EDGE

818 N. FRANKLIN ST.
VAN WERT, OHIO 45891
PHONE: (419) 238-5411
FAX: (419) 238-4058

March 22, 2013

RE: RECOMMENDATION LETTER FOR GILBANE BUILDING CO.

This letter is written to recommend the Gilbane Building Company's services in the capacity of construction management. The Vantage Career Center district recently finished a complete renovation and expansion project, co-funded by the Ohio School Facilities Commission. The \$35 million project was steered by Gilbane Building Company, and consisted of complete renovation of the existing 123,000 square foot facility, as well as the addition of another 67,000 square foot of new construction.

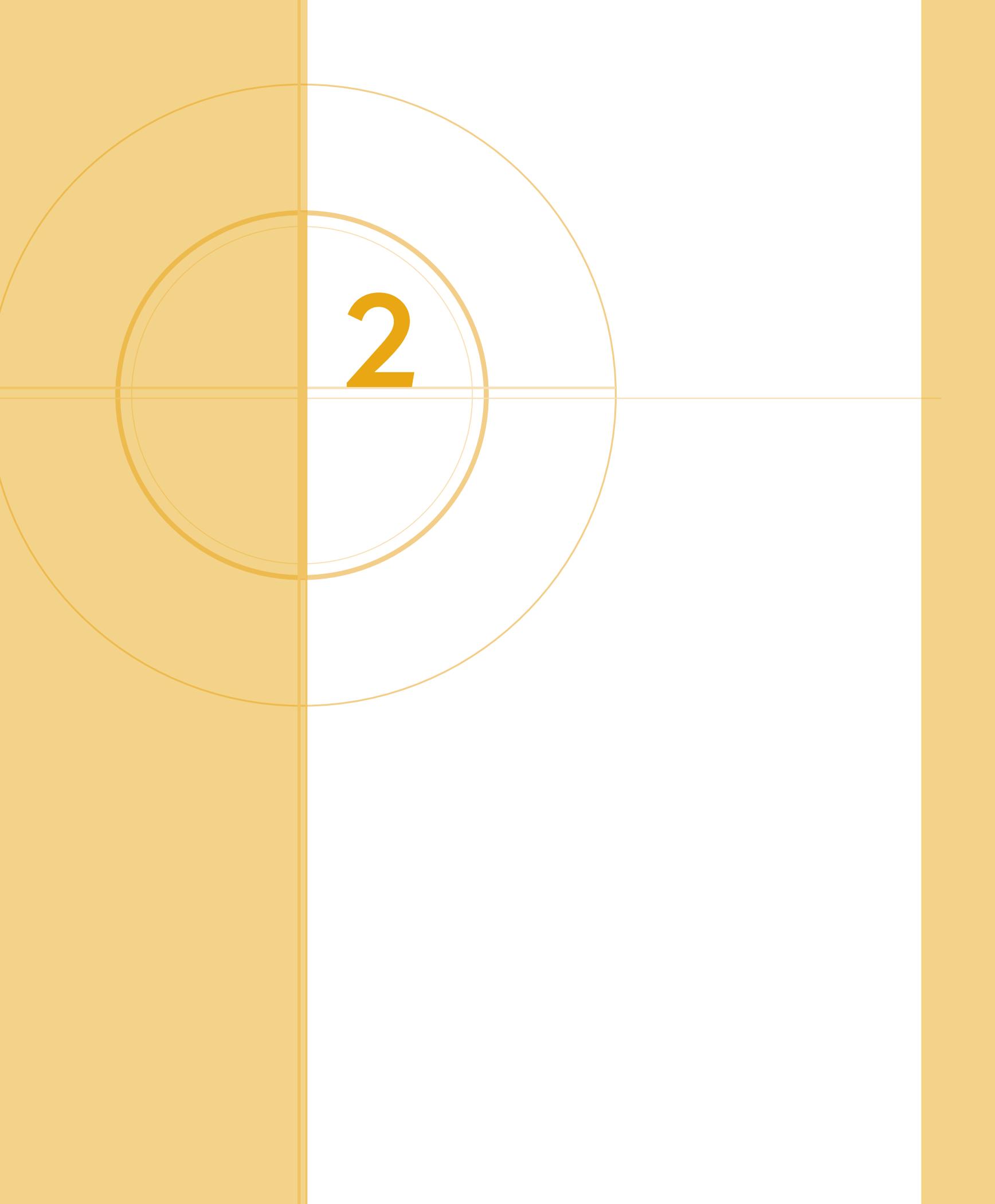
Throughout the 18-month construction period, which actually spanned over 24 months from site work to completed facility, Gilbane representatives on site provided steadfast communication with me and my staff. In terms of an aggressive swing space needs, diligent attention by Gilbane, however, Gilbane has provided solutions so that I could consistently meet my obligations. and quick attention to requests. Most important, should there ever be a need to speak further

Every phase of the process has been managed and communicated well-from initial planning, weekly and monthly meetings, budgeting and the closeout process.

**- Beth Harman
Superintendent
Bellefontaine City Schools**

While our project was difficult in terms of an aggressive and necessary phased construction schedule, and complicated by unique swing space needs, Gilbane met each occupancy deadline of the six-phase schedule. Our district's treasurer was satisfied with the budget oversight, and quick attention to requests for information, and their willingness to meet to discuss budgetary items.

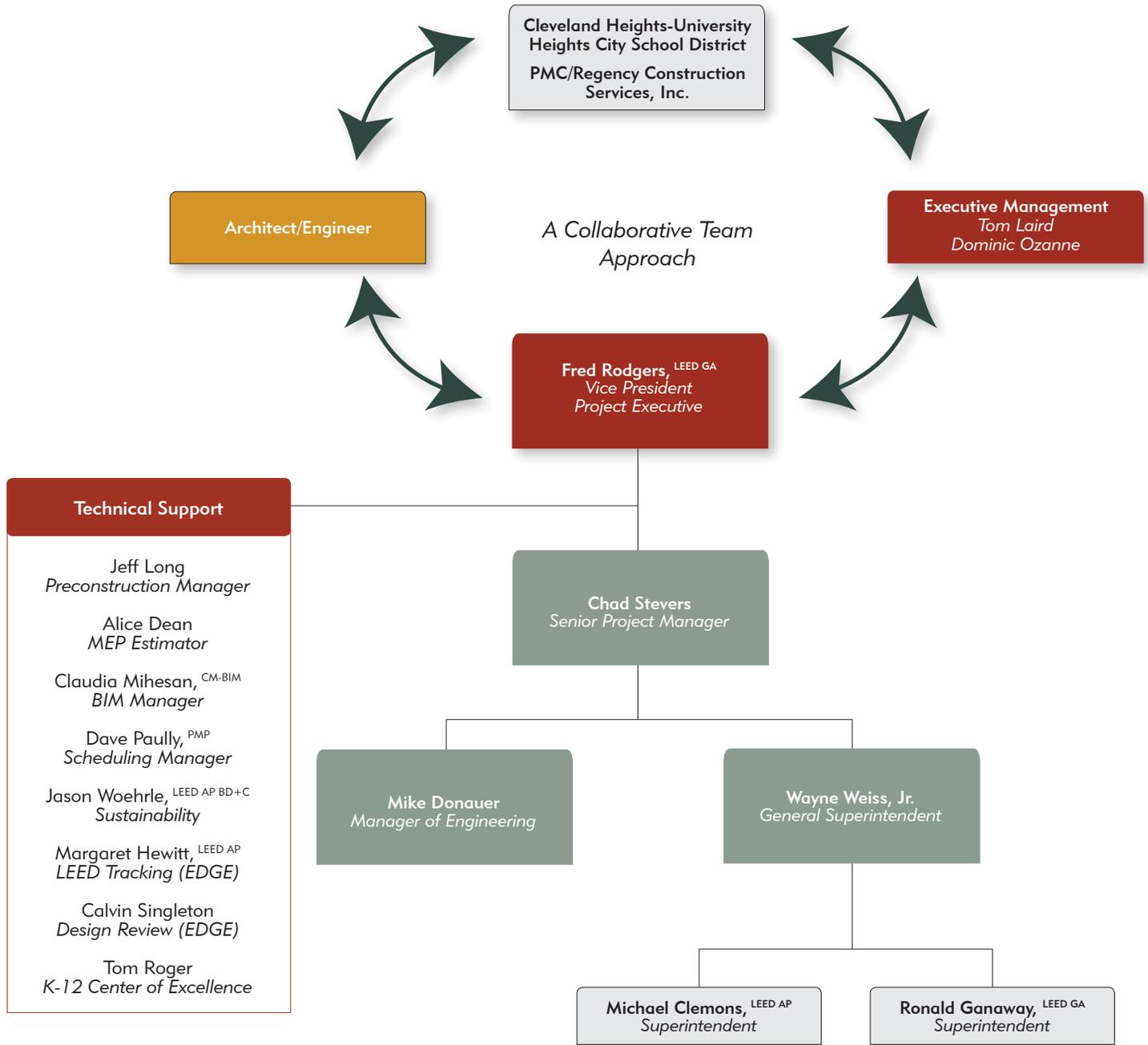
**- Staci A Kaufman
Superintendent
Vantage Career Center**



2

SECTION 2

Personnel/Staffing



ADDITIONAL IN-HOUSE RESOURCES

Superintendents	Assistant Project Engineers	Accounting
MEP Experts	Quality Control	Safety Manager

Fred Rodgers, LEED Green Associate
Vice President, Project Executive

EDUCATION

Cleveland State University – Civil Technology 1981 B.S.

PROFESSIONAL CREDENTIALS

LEED Professional Accreditation, 2010
OSHA 30-Hour Certification
American Institute of Constructors, Member
Construction Managers Association of America (CMAA), Member
U.S. Green Building Council, Member



EXPERIENCE SUMMARY

Ozanne Construction Company, Inc. 1985 – Present
Over 28 years experience

Fred has extensive experience in large scale construction management on various types of projects including correctional, housing, and educational. He was the Project Executive for the Elkton Federal Correctional Institution in Elkton, Ohio and the Marion Juvenile Secure Facility in Marion, Ohio. Fred is currently serving as the Project Director for the Cleveland Metropolitan School District (CMSD) program and has been involved with the program since its inception. He is the key point of contact for both the OFCC and CMSD. He has consistently provided excellent professional services with integrity and commitment to both owners.

During Mr. Rodgers' tenure at Ozanne he has served in the capacity of project manager, project executive and vice president of operations. Overall, his duties included complete operations and staff management, project oversight from pre-construction to construction and closeout phases including all aspects of general contracting and construction management at the executive level. Inclusive of preparation and analysis of project budget and estimates, schedule management oversight, procurement and contract administration oversight along with coordination and communication between all project participants on large scale projects. He has consistently provided excellent professional services with integrity and commitment to our clients.

SELECTED PROJECTS

- Federal Correctional Institution – Elkton | Elkton, OH | \$67M
- Ohio Department of Youth Services – Marion Juvenile Secure Facility | Marion, OH | \$28M
- OFCC Program – Cleveland Metropolitan School District Wide Capital Improvements Program | Cleveland, OH | \$ 996 M
- Cardinal Local Schools New Middle School | Middlefield, OH | \$ 8.4 M
- Cuyahoga Metropolitan Housing Authority | Cleveland, OH | \$37.8M
 - Carl B. Stokes Social Services Mall Comprehensive Renovation
 - Cedar High Rise Extension Renovation
 - Wade & Springbrook High Rises Exterior Restoration, Door & Window Replacement
 - Lakeview Terrace Apartments Comprehensive Renovation
 - Riverside Park Estates Scattered Site Comprehensive Renovation
- University of Akron Bulger Hall Renovations | Akron, OH | \$9.3M
- U.S. Air Force 910th Wing Headquarters | Vienna, OH | \$5M

Chad Stevers

SENIOR PROJECT MANAGER

St. Marys City School District, St. Marys, OH

Rebuilding and modernization program, including construction of a new, 211,000 SF middle/high school for 1,200 students in grades 6-12; renovations to Dennings Vocational Building and East Elementary School; and renovation/addition to West Elementary School.

Vantage Career Center, Van Wert, OH

Renovations and additions to career center to house 485 students. Facility additions will add more than 69,000 SF and includes complete renovation of the entire center; relocating three training rooms into new space; and increasing over-crowded classrooms for a total of 190,000 SF.

Seneca East Schools, Attica, OH

New, two-story, 159,000 SF school to house grades PK-12 and career technical students. The facility will allow a consolidation of three, existing schools into one building on one main campus. Features include two, 1,300-seat gyms, 56 classrooms, 400 computer work stations, and a multi-tiered auditorium/cafeteria. Scope of work also included the abatement and demolition of Seneca Huron Elementary, Seneca East Junior High/Republic Elementary, and Seneca East High/Alicia Elementary schools.

Piqua City School District, Piqua, OH

New, 245,000 SF school campus totaling \$55 million. Project includes construction of two, new, 70,000 SF elementary schools for grades PK-3 and one, new, 105,000 SF elementary/middle school for grades 4-6. All three schools will include auditoriums and full gymnasiums and will be LEED Silver. Also consists of abatement and demolition of eight existing elementary school buildings.

Colonel Crawford Local Schools, North Robinson, OH

A new, 102,000 SF school facility housing grades PK-8. The facility was built as a PK-8 school, however, it was designed as a PK-12 school to accommodate the high school once it is built. All common spaces including the cafeteria, media centers, kitchen, and administrative areas were built big enough for the future high school. Features include a playground, landscaping, music room sound system, stage dimming system, and custom casework.

Tiffin City School District, Tiffin, OH

Construct new, 103,000 SF middle school combines 6-7-8th graders to house 734 students. The school features a library, media center, cafetorium and an open classroom layout equipped with light speed sound-reinforcement systems, smart boards and wireless systems.

Firelands Regional Medical Center Campus Expansion and Renovation, Sandusky, OH

Major expansion and phased renovation to the existing, operational hospital campus totaling 400,000 SF; the scope includes a 70,000 SF physician office building, a five-story, 127-bed patient tower addition, expansion of the central plant, and a new, six-story, 191,916 SF, 583-car parking garage. Multiple renovations were completed within the hospital including laboratory, dietary and conference spaces, pediatrics, nursing units, cafeteria, and sterile processing. Facility also has a helipad.



Qualifications | Education

- ▶ More than 18 years in the construction industry; 15 years with Gilbane
- ▶ BS/Construction Management/Bowling Green State University

Licenses & Certifications

- ▶ OSHA 30-Hour Trained
- ▶ First Aid CPR/AED

Awards

- ▶ Iver Johnson Builders of the Year Award, Seneca East Local Schools project
- ▶ Group Safety Award, St. Marys Local School District project
- ▶ Gilbane Excellence Award



Wayne Weiss

GENERAL SUPERINTENDENT

Cleveland Metropolitan School District, Cleveland, OH

CM agency services for \$1.5 billion school renovation and modernization program that includes more than 120 facilities throughout the Cleveland area. Ten projects are currently in design and are all seeking LEED for Schools Silver certification.

- ▶ **John Hay Campus** - A comprehensive historical restoration of the John Hay Campus, originally constructed in 1929. Many of the original architectural features were preserved including glass block floors, skylights, wood flooring, and stained glass elements. The facility houses grades 9-12 and hosts three small schools with independent curriculums. The scope of work also included renovation and upgrades to the theatre, cafeteria, and gymnasium.

Qualifications | Education

- ▶ More than 41 years in the construction industry; 12 years with Gilbane

Licenses & Certifications

- ▶ 10-Hour OSHA Training
- ▶ 30-Hour OSHA Training

Awards

- ▶ *Thomas and William Gilbane Project Achievement Award*
- ▶ *Individual Corporate Safety Award*
- ▶ *Construction Waste Management Award*

Vantage Career Center, Van Wert, OH

Project scope includes renovations and additions to career center to house 485 students. Facility additions will add more than 69,000 SF and includes complete renovation of the entire center; relocating three training rooms into new space; and increasing over-crowded classrooms for a total of 190,000 SF.

Gibsonburg Exempted Village Schools, Gibsonburg, OH

This program included a 39,900 SF renovation and 34,900 SF addition to Hilfiker Elementary (PK-5) and a new, 103,600 SF middle/high school.

Mansfield City School District, Mansfield, OH

A new high school totaling 354,000 SF located on a 27-acre site for grades 9-12 including a comprehensive vocational training school and demolition of two high schools.

Western Reserve Local School District, Collins, OH

Consolidation of two elementary schools into one new elementary school to house K-6, totaling 86,000 SF and renovations/additions totaling 103,000 SF to middle/high school to house grades 7-12.

Firelands Regional Medical Center Campus Expansion and Renovation, Sandusky, OH

Major expansion and phased renovation to the existing, operational hospital campus totaling 400,000 SF; the scope includes a 70,000 SF physician office building, a five-story, 127-bed patient tower addition, expansion of the central plant, and a new, six-story, 191,916 SF, 583-car parking garage. Multiple renovations were completed within the hospital including laboratory, dietary and conference spaces, pediatrics, nursing units, cafeteria, and sterile processing. Facility also has a helipad.

University Hospitals Vision 2010 Seidman Cancer Center, Cleveland, OH

The cancer center is approximately 370,600 SF of new construction, located on University Hospitals Case Medical Center campus. The cancer hospital includes radiation oncology with four vaults, two simulators, and one HDR/Brachytherapy room, ambulatory center, phlebotomy, infusion suite, bone marrow transplant unit, inpatient surgical suite with four new operating rooms, and 120 patient rooms in four nursing units. This project achieved LEED certification.

Ronald Ganaway, LEED Green Associate
Superintendent

EDUCATION

Cleveland State University – Civil Technology 1980 B.S.
Cuyahoga Community College – 1974 A.S.

PROFESSIONAL CREDENTIALS / CERTIFICATIONS

LEED Professional Accreditation, 2010
OSHA 30 - Hour Certification

PROFESSIONAL ORGANIZATIONS

Construction Management Association of America (CMAA), Member
U.S. Green Building Council, Member

EXPERIENCE SUMMARY

Ozanne Construction Company, Inc. 2005 – Present
Over 31 years experience

Ron served as the Project Manager on the J.R. Rhodes HS occupied multi-phase renovation, the construction of 2 new K-8 schools, the abatement and demolition of 4 elementary schools, and several LFI projects for the Cleveland Metropolitan School District (CMSD) program. He served as a Project Superintendent for the Warrensville Heights School District on renovations and additions for the high school, middle school and 3 elementary schools.

He has over 31 years of experience in construction management and has the flexibility to perform as a Project Manager or Project Superintendent. His experience includes construction administration, contract management and coordination of multiple prime contractors, project cost management, project schedule management, and closeout management. He also has experience in on-site management of field operations, trade contractor coordination, safety oversight, quality control inspections, punch list completion, and project closeout.

SELECTED PROJECTS

- Cleveland Public Library Renovation and New Construction | Cleveland, OH | \$ 90 M
- OFCC Program – Cleveland Metropolitan School District Wide Capital Improvements Program | Cleveland, OH | \$ 996 M

James F. Rhodes High School Occupied Multi-Phase Renovation

Rhodes required intense prime contractor coordination for rough-in to finishes due to required restructured work areas to complete the phasing of the occupied building.

Charles Dickens New K-8

Spearheaded weekly coordination meetings with field supervisors from each prime as well as weekly progress meetings with the owner, architect and prime contractors.

Euclid Park New K-8

Implemented the site schedule that required Geo-thermal well drilling and horizontal branch lines in conjunction with new storm and sanitary systems for the new building.

LFI Projects - Summers 2010 & 2011

Fast track LFI projects required multi-prime coordination with the district's maintenance and moving contractors. Average project duration was 6 to 8 weeks.

Abatement & Demolition Phase 1 - 4 Buildings

Corlett, Euclid Park, Charles Lake, Jamison and Jefferson

- Avon Lake City Schools High School Addition and Renovation | Avon Lake, OH | \$7.7M
- Warrensville Heights School District Elementary, Middle and High School Renovations & Additions | Warrensville Heights, OH



**Michael Clemons, LEED AP
Superintendent**

EDUCATION

The University of Akron – Construction Engineering Technology B.S.
Cuyahoga Community College – Architectural & Construction Engineering Technology A.S.

PROFESSIONAL CREDENTIALS / CERTIFICATIONS

LEED Professional Accreditation, 2009
OSHA 30-Hour Certification

PROFESSIONAL ORGANIZATIONS

Construction Management Association of America (CMAA), Member
U.S. Green Building Council, Member

EXPERIENCE SUMMARY

Ozanne Construction Company, Inc. 2005 – Present
Ozanne Construction Company, Inc. 1994 - 2000
Over 17 years experience

Mike served as a Project Manager on 6 new K-8 schools, multiple LFI swing space projects for the Cleveland Metropolitan School District (CMSD) program and demolition projects for the Warren City School District. He has managed multiple projects simultaneously with on-time completion. His experience includes construction administration, contract management and coordination of multiple prime contractors, project cost management, project schedule management, and closeout management.

SELECTED PROJECTS

- Cleveland Public Library Renovation and New Construction | Cleveland, OH | \$ 90 M
- NASA Glenn Research Center Construction Task Order Program | Brookpark, OH | \$55 M
- OFCC Program – Cleveland Metropolitan School District Wide Capital Improvements Program Segments 1, 2, 3, 4 & 5
Cleveland, OH | \$ 996 M

Daniel Morgan New K-8

Coordinated major utility relocations during the site work phase and opened the school on schedule. The new school was constructed while existing school was in session.

Hannah Gibbons New K-8

Completed first 350 student school in the Cleveland program and opened two months ahead of schedule.

Wade Park New K-8

Replaced 70's style building and opened on schedule.

East Clark New K-8

Replaced the second oldest school building the Cleveland district and coordinated the demolition of existing houses to accommodate the new school.

George Washington Carver New K-8

Constructed on the historic Central High School site and opened on schedule.

Mound New K-8

Completed the first LEED project for the Cleveland program and coordinated the material recycling process and the indoor air and quality plans during construction.

- Demolition Projects - Warren City Schools

Alden Elementary

Western Reserve High

Secrest Elementary

Devon Elementary

Horace-Mann Elementary

Emerson Elementary

- OFCC Program – East Cleveland School District | East Cleveland, OH | \$ 105 M



Mike Donauer

MANAGER OF ENGINEERING

Cleveland Metropolitan School District, Cleveland, OH

CM agency services for \$1.5 billion school renovation and modernization program that includes more than 120 facilities throughout the Cleveland area. Ten projects are currently in design and are all seeking LEED for Schools Silver certification.

- ▶ **Segment 3** - Willson (K-8)
- ▶ **Segment 4** - Adlai Stevenson, (PreK-8), Anton Grdina (PreK-8), Charles Dickens (K-8), Mound-STEM (PreK - 8)
- ▶ **Segment 5** - Alexander Graham Bell (PK - 8), Miles Park (K-8), Orchard STEM @ Halle (PreK - 8), Paul Dunbar (PreK - 8), Charles Mooney (K-8), Max Hayes High School, Forest Hill Parkway, John Marshall High School
- ▶ **Segment 6** - Gracemount Elementary School, John W. Raper Elementary School, Louis Pasteur Elementary School, Stephen Howe Elementary School, Albert B. Hart Elementary School, Alexander Hamilton Middle School, Jesse Ownes Academy-Cleveland Learning Center (4-12)
- ▶ **Locally Funded Initiative** - Walton School (K-8), East Tech High School, Clark (K-8)

The Cleveland Museum of Art, Renovation/Expansion Project - Phase II, Cleveland, OH

Phase II expansion and renovation totaling more than 588,000 SF to the museum and included a new gallery wing, new parking structure, a new central utility plant, and renovation of the historic 1916 and 1971 art buildings. Renovations to the 1916 building included selective demolition and conservation and matching of existing building materials to preserve historic architecture and original interior finishes.

Firelands Regional Medical Center Campus Expansion and Renovation, Sandusky, OH

Major expansion and phased renovation to the existing, operational hospital campus totaling 400,000 SF; the scope includes a 70,000 SF physician office building, a five-story, 127-bed patient tower addition, expansion of the central plant, and a new, six-story, 191,916 SF, 583-car parking garage. Multiple renovations were completed within the hospital including laboratory, dietary and conference spaces, pediatrics, nursing units, cafeteria, and sterile processing. Facility also has a helipad.

University Hospitals Vision 2010 Seidman Cancer Center, Cleveland, OH

The cancer center is approximately 370,600 SF of new construction, located on University Hospitals Case Medical Center campus. The cancer hospital includes radiation oncology with four vaults, two simulators, and one HDR/Brachytherapy room, ambulatory center, phlebotomy, infusion suite, bone marrow transplant unit, inpatient surgical suite with four new operating rooms, and 120 patient rooms in four nursing units. Targeting LEED v3 Certified level.



Qualifications | Education

- ▶ More than 13 years in the construction industry; 11 years with Gilbane
- ▶ BS/Construction Management/Bowling Green State University

Licenses & Certifications

- ▶ OSHA 30-Hour Trained
- ▶ First Aid CPR/AED

Awards

- ▶ Construction Waste Management Award, University Hospitals Seidman Cancer Center



Tom Roger

K-12 CENTER OF EXCELLENCE

Tom Roger joined Gilbane in 1983 and since then has focused his concentration on the K-12 market and higher education projects. His experience in the educational market spans over 20 years including the successful management of 72 K-12 projects totaling over \$2 billion in value. This includes major multi-building programs and has resulted in his leading efforts to establish the Center of Excellence (COE) for K-12 work which he continues to lead within Gilbane. Mr. Roger is a recognized leader in the K-12 industry and is a frequent speaker at NSBA, CEFPI, and many other regional and local trade conferences.

Qualifications | Education

- ▶ More than 44 years in the construction industry; 30 years with Gilbane
- ▶ JD/Law/University of San Diego
- ▶ AB/Engineering/Brown University

Awards

- ▶ *Thomas and William Gilbane Project Achievement Award*
- ▶ *Individual Corporate Safety Award*
- ▶ *Construction Waste Management Award*

New Haven Schools Capital Program, New Haven, CT

This citywide school construction program includes 46 schools over 18 years. The construction and renovation program includes overseeing the implementation of the master facilities plan, contract administration, schedule and budget review and development of project procedures. Gilbane is responsible for all program management including planning, administration of all general contractors, architect/engineers and other consultants, financial management, and interface with all approving authorities.

Rochester City Schools, Facility Modernization Program, Rochester, NY

Gilbane was selected to provide Program Management services for the Phase 1 of the Facilities Modernization Program (FMP) of the Rochester City School District and the City of Rochester. The FMP is a three-phase program to update and improve school facilities, and will span 15 years and total approximately \$1.2 billion. The Phase 1 program is expected to infuse up to \$325 million into the local economy, making it the largest public project in Rochester's history.

Syracuse City Schools, Phase 1 Program, Syracuse, NY

Gilbane has been selected to serve as program manager for the overhaul of several schools in the community. The first part of the project to be completed is construction of a new career and technical high school in the old Central High building. All schools are targeting LEED for Schools Silver level certification.

New York City School Construction Authority Term Contract, Long Island City, NY

Gilbane provided professional staff augmentation and project management services for the New York City School Construction Authority (NYCSCA). Gilbane was retained through a three year Professional Services Contract. On this contract, Gilbane provided project management professionals to SCA on various school construction projects throughout the five boroughs of the City of New York.

Chicopee High School and Miscellaneous School Projects, Chicopee, MA

Project management services for the city's new, 200,000 SF high school, as well as 13 miscellaneous projects involving middle and elementary schools throughout the city totaling approximately 70,000 SF.

Monson Schools, Monson, MA

This project consisted of a new, 90,000 SF, high school and 88,000 SF of renovations to the middle school.

Jeff Long

PRECONSTRUCTION MANAGER



Cleveland Metropolitan School District, Cleveland, OH

CM agency services for \$1.5 billion school renovation and modernization program that includes more than 120 facilities throughout the Cleveland area. Ten projects are currently in design and are all seeking LEED for Schools Silver certification.

Vantage Career Center, Van Wert, OH

Project scope includes renovations and additions to career center to house 485 students. Facility additions will add more than 69,000 SF and includes complete renovation of the entire center; relocating three training rooms into new space; and increasing over-crowded classrooms for a total of 190,000 SF.

Seneca East Schools, Attica, OH

New, two-story, 159,000 SF school to house grades PK-12 and career technical students. The facility will allow a consolidation of three, existing schools into one building on one main campus. Features include two, 1,300-seat gyms, 56 classrooms, 400 computer work stations, and a multi-tiered auditorium/cafeteria. Scope of work also included the abatement and demolition of Seneca Huron Elementary, Seneca East Junior High/Republic Elementary, and Seneca East High/Alicia Elementary schools.

The Cleveland Museum of Art, Renovation/Expansion Project - Phase II, Cleveland, OH

Phase II expansion and renovation totaling more than 588,000 SF to the museum and included a new gallery wing, new parking structure, a new central utility plant, and renovation of the historic 1916 and 1971 art buildings. Renovations to the 1916 building included selective demolition and conservation and matching of existing building materials to preserve historic architecture and original interior finishes.

District of Columbia Public Schools Dunbar High School, Washington, DC

Construction of a new 280,000 SF high school involves the demolition of the existing campus. The new school will be LEED Gold, aspiring to Platinum, with geothermal and photovoltaic systems among many others employed to make this the most efficient school in the district. An Olympic pool, basketball gymnasium, performance auditorium, extensive athletic and academic facilities are included.

Cuyahoga Community College Program Management, Cleveland, OH

Integral program management services to Cuyahoga Community College, the largest community college in Ohio serving more than 55,000 students. Gilbane works with the college to support more than 188 projects in the planning stage or under construction on three campuses and multiple off-campus locations.

Kent State University Tri-Towers Residence Hall Rooms and HVAC Upgrade, Kent, OH

Tri-Towers complex consists of two, 10-story residence halls; one twelve-story residence hall; and a central connecting building for dining and student activities. The complex houses approximately 1,400 students. The project will address deferred maintenance issues including aging HVAC infrastructure, building envelope failures, elevator modernizations, interior room configurations, and finishes that were not corrected as part of previous renovations.

Qualifications | Education

- ▶ More than 22 years in the construction industry; 7 years with Gilbane
- ▶ BS/Building Construction/ Purdue University

Associations

- ▶ American Society of Professional Estimators

Awards

- ▶ *Individual Excellence Award*, for exemplary work on Ricerca BioSciences project

Claudia M. Mihesan, CM-BIM
Preconstruction / BIM Coordinator

EDUCATION

Kent State University – Interior Design, 2010 B.A

PROFESSIONAL CREDENTIALS / CERTIFICATIONS

Certificate of Management – Building Information Modeling (CM-BIM)

PROFESSIONAL ORGANIZATIONS

U.S. Green Building Council, Member

PROFESSIONAL TRAINING

Associated General Contractors CM-BIM Program Training and Certification

Autodesk Revit Architecture Software Training

Autodesk Navisworks Manage Software Training

Autodesk AutoCAD

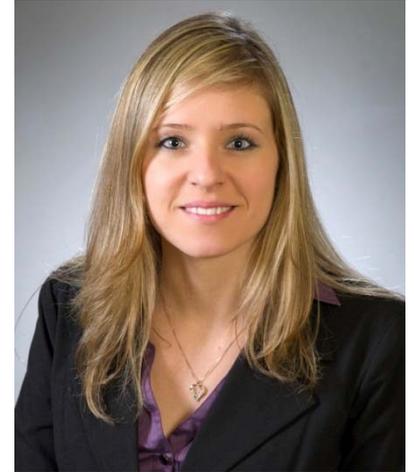
Autodesk Ecotect Analysis

Google SketchUp

Adobe Creative Suites (Photoshop, InDesign, Illustrator, Premiere Pro)

Primavera Project Management

Sage Timberline Office



EXPERIENCE SUMMARY

Ozanne Construction Company, Inc. 2011 – Present

Over 4 years experience

As BIM Coordinator, Claudia implements the use of BIM application tools such as Autodesk Revit Architecture, Navisworks Manage, Google SketchUp and has experience utilizing the sustainable design analysis application Autodesk Ecotect. Her experience includes construction document preparation assistance utilizing Autodesk Revit Architecture and AutoCAD; preparation of 3D models, perspectives, renderings and walkthroughs using Autodesk Revit Architecture and Adobe Photoshop; preparation of virtual builds, virtual phasing plans, and virtual presentations for coordination meetings utilizing Autodesk Navisworks. She works closely with the project team utilizing the model to aide in pre-installation meetings, M/E/P coordination work sessions, schedule planning sessions, and project progress presentations. In addition, Claudia's responsibilities include document management for both the submittal and RFI processes utilizing Oracle Primavera Contract Manager (formerly Expedition).

SELECTED PROJECTS

- Kent State University, Renovations and Additions for the School of Art | Kent, OH | \$ 18.5 M
- Beachwood City Schools High School Renovation | Beachwood, OH | \$ 13.5 M
- Cuyahoga Metropolitan Housing Authority - Euclid-Belmore Senior Building | Cleveland, OH | \$7.8 M
- Akron Metropolitan Housing Authority - Fred Nimmer Senior Apartments | Akron, OH | 2011
- RFD Beaufort Inc. - Corporate Office | Sharon Center, OH | 2011
- Captrust Financial Advisors - Corporate Office | Akron, OH | 2010
- Akron Urban League | Akron, OH | 2010
- Town Center Construction - Corporate Office | Northfield, OH | 2010
- Northwestern University - Gleacher Golf Center Player's Lounge | Evanston, IL | 2010

Alice Dean

CHIEF MECHANICAL ESTIMATOR

Cleveland Metropolitan School District, Cleveland, OH

CM agency services for \$1.5 billion school renovation and modernization program that includes more than 120 facilities throughout the Cleveland area. Ten projects are currently in design and are all seeking LEED for Schools Silver certification.

- ▶ **John Hay Campus** - A comprehensive historical restoration of the John Hay Campus, originally constructed in 1929. Many of the original architectural features were preserved including glass block floors, skylights, wood flooring, and stained glass elements. The facility houses grades 9-12 and hosts three small schools with independent curriculums. The scope of work also included renovation and upgrades to the theatre, cafeteria, and gymnasium.
- ▶ **James F. Rhodes High School** - Originally constructed in 1932, the building underwent extensive interior and exterior renovations and upgrades. The renovations were completed in 7 phases as the work was scheduled not to interrupt school activities.

Vantage Career Center, Van Wert, OH

Renovations and additions to career center to house 485 students. Facility additions will add more than 69,000 SF and includes complete renovation of the entire center; relocating three training rooms into new space; and increasing over-crowded classrooms for a total of 190,000 SF.

Wapakoneta City School District, Wapakoneta, OH

Rebuilding and modernization program, including two, new elementary schools to house 1,117 students in grades PK-4; renovation/addition to middle school; and renovations to high school. This project is targeting LEED for Schools Silver Certification.

Case Western Reserve University West Quad Demolition, Cleveland, OH

West Quad project involved the 800,000 SF demolition of the former Mt. Sinai Medical Center. Seven of the 10 buildings on the 14-acre site were demolished over a period of eight months.

The Cleveland Museum of Art, Cleveland, OH

Phased expansion and renovation totaling more than 588,000 SF to the museum and included a new gallery wing, new parking structure, a new central utility plant, and renovation of the historic 1916 and 1971 art buildings. Project included a complete upgrade of MEP, fire protection, and building management systems and coordination of a new steam and humidification system to protect the sensitive art environment.

Seneca East Schools, Attica, OH

New, two-story, 159,000 SF school to house grades PK-12 and career technical students. The facility will allow a consolidation of three, existing schools into one building on one main campus. Features include two, 1,300-seat gyms, 56 classrooms, 400 computer work stations, and a multi-tiered auditorium/cafeteria. Scope of work also included the abatement and demolition of Seneca Huron Elementary, Seneca East Junior High/Republic Elementary, and Seneca East High/Alicia Elementary schools.



Qualifications | Education

- ▶ More than 36 years in the construction industry; 15 years with Gilbane
- ▶ AS/Architecture Columbus State Community College

Associations

- ▶ American Society of Civil Engineers
- ▶ The Builders Exchange of Central Ohio

Awards

- ▶ *Iver Johnson Builders of the Year Award*, Seneca East Local Schools project
- ▶ *Thomas & William Gilbane Project Achievement Award*, Seneca East Local Schools project
- ▶ *Greg Honzo Core Values Award*
- ▶ *Individual Excellence Award*, for exemplary work reflecting Gilbane's Core Values

Community Involvement

- ▶ ACE Mentor Program



Dave Pauly, PMP

REGIONAL SCHEDULER

Cleveland Metropolitan School District, Cleveland, OH

CM agency services for \$1.5 billion school renovation and modernization program that includes more than 120 facilities throughout the Cleveland area. Ten projects are currently in design and are all seeking LEED for Schools Silver certification.

The Cleveland Museum of Art Phase I, Cleveland, OH

Phased expansion and renovation totaling more than 588,000 SF to the museum and included a new gallery wing, new parking structure, a new central utility plant, and renovation of the historic 1916 and 1971 art buildings. Project included a complete upgrade of MEP, fire protection, and building management systems and coordination of a new steam and humidification system to protect the sensitive art environment.

Vantage Career Center, Van Wert, OH

Renovations and additions to career center to house 485 students. Facility additions will add more than 69,000 SF and includes complete renovation of the entire center; relocating three training rooms into new space; and increasing over-crowded classrooms for a total of 190,000 SF.

Wapakoneta City School District, Wapakoneta, OH

Rebuilding and modernization program, including two, new elementary schools to house 1,117 students in grades PK-4; renovation/addition to middle school; and renovations to high school. This project is targeting LEED for Schools Silver Certification.

Pickerington Schools, Pickerington, OH

Program includes renovations and multiple additions to five, occupied school buildings and totals more than 443,000 SF. Project targeting LEED Silver certification.

Galion City Schools, Galion, OH

New elementary school housing grades PK-2; new elementary school housing grades 3-5; new middle school housing grades 6-8; new high school housing grades 9-12; and abate and demolish Dawsett, North, Renschville and Wilma Crall elementary schools, Galion Middle School, and Galion High School.

Piqua City School District, Piqua, OH

New, 245,000 SF school campus totaling \$55 million. Project includes construction of two, new, 70,000 SF elementary schools for grades PK-3 and one, new, 105,000 SF elementary/middle school for grades 4-6. All three schools will include auditoriums and full gymnasiums and will be LEED Silver. Also consists of abatement and demolition of eight existing elementary school buildings.

Kent State University Tri-Towers Residence Hall Rooms and HVAC Upgrade, Kent, OH

Renovation of two, 10-story residence halls and one 12-story residence hall and a central connecting building for dining and student activities. The project will address HVAC infrastructure, building envelope failures, elevator modernizations, interior room configurations, and finishes that were not corrected as part of previous renovations.

Qualifications | Education

- ▶ More than 32 years of specialized scheduling experience in the construction industry; five years with Gilbane
- ▶ BS/Business Administration Kent State University

Licenses | Certifications

- ▶ Project Management Professional (PMP)

Associations

- ▶ Project Management Institute
- ▶ American Association of Cost Engineers

Awards

- ▶ Iver Johnson Builders of the Year Award, Seneca East Local School District

Community Involvement

- ▶ Rebuilding Together Cleveland
- ▶ ACE Mentor Program of Cleveland

Jason Woehrle, LEED AP BD + C

SUSTAINABILITY EXPERT

Jason Woehrle joined Gilbane in 2008 and has been in the construction industry for more than 16 years. Jason serves as Regional Sustainability Expert for Gilbane's Central Region. Mr. Woehrle was appointed to Columbus Mayor Michael B. Coleman's Green Team Advisory Group whose commitment demonstrates excellence in business practices that produce environmental benefits. He is a LEED Accredited Professional and has earned his LEED Bldg Design + Construction certification and Green Advantage Certification.



Bellefontaine City School District, Bellefontaine, OH

New 88,000 SF middle school and a new 80,000 SF elementary school on a 65-acre greenfield site at Ludlow and Lake Avenues in Bellefontaine, Ohio. Both projects are targeting LEED for Schools Silver Certification.

Pickerington Schools, Pickerington, OH

The overall program includes renovations and multiple additions to five occupied school buildings and totals more than 443,000 square feet. The project is targeting LEED Silver certification.

Piqua City School District, Piqua, OH

New, 245,000 SF school campus totaling \$55 million. Project includes construction of two, new, 70,000 SF elementary schools for grades PK-3 and one, new, 105,000 SF elementary/middle school for grades 4-6. All three schools will include auditoriums and full gymnasiums and will be LEED Silver. Also consists of abatement and demolition of eight existing elementary school buildings.

St. Marys City School District, St. Marys, OH

Rebuilding and modernization program, including construction of a new, 211,000 SF middle/high school for 1,200 students in grades 6-12; renovations to Dennings Vocational Building and East Elementary School; and renovation/addition to West Elementary School. This high-performance building contains a geothermal system, which harnesses the ground temperatures for efficient and economical heating and cooling of the building, thus eliminating the need for the school to be dependent on natural gas for heat and the expense of operating a chiller for cooling. The geothermal well field has 288 geo wells/geo loops at 305 feet deep. Other green items include cool or high-reflective roof colors, pervious concrete, and motion-activated lighting controls.

The Ohio State University, Chemical and Biomolecular Engineering and Chemistry Building (CBEC), Columbus, OH

The CBEC project is 235,000 SF, laboratory located in the center of the Academic Core North area of campus. The new facility will contain research wet labs with ancillary support spaces, computational research spaces, shared core laboratories, instructional spaces, and offices for faculty, administration, and graduate students. This project is seeking LEED v3 Silver Certification.

Nationwide Children's Hospital, Central Utility Plant, Columbus, OH

Development and expansion to the 55,000 SF CEP and utility/transportation tunnel system to support the hospital's main campus. System improvements included reconstruction of existing tunnels and an extension of the overall system to create a loop system. This project achieved LEED NC Gold Certification.

Qualifications | Education

- ▶ More than 16 years in the construction industry; 5 years with Gilbane
- ▶ BS/Mechanical Engineering/ The Ohio State University

Licenses & Certifications

- ▶ LEED Accredited Professional
- ▶ LEED Bldg Design + Construction
- ▶ Green Advantage Certification
- ▶ OSHA 30-Hour Trained

Awards

- ▶ Construction Waste Management Award, Franklin County Courthouse
- ▶ Group Safety Award, Nationwide Children's Hospital



HLMS Sustainability Solutions

Margaret Hewitt

EXPERTISE AND SKILLS

Degreed Architect with more than 20 years of management and project analysis experience, including leadership roles at McCormick Place Convention Center, Chicago Public Schools, URS Corporation, Quality Project Management, Progressive Insurance, Cedarwood Development and University Hospitals of Cleveland.

- Program management
- LEED & green building certification
- Strategic planning
- Owners representative and liaison
- Budgeting
- Community leadership
- Project team selection and management
- Identifying win-win opportunities

RELEVANT EXPERIENCE

HLMS Sustainability Solutions, Cleveland, Ohio

2012 – Present

Principal: Launched HLMS Sustainability Solutions an environmental service firm that helps commercial, residential and institutional property owners develop and implement green building practices. She oversees a team of LEED-APs, and together they provide counsel, services and training that enable clients to create sustainable living, learning and working spaces. Their work focuses on sustainable strategy and operations and direct services such as energy audits and start-to-finish support in achieving third party certifications such as LEED.

University Hospitals, Cleveland Ohio

2007 - 2011

Vice President, Construction Services: Manage the construction of facilities and improvements throughout University Hospitals. The program is valued at \$1.2 billion and includes approximately 72 projects. Developed new department in 2007, consisting of a team of 17 including directors, professional project managers and support staff.

Liaised regularly with stakeholders, including City of Cleveland Mayor's Office; Cleveland Building Department; City of Cleveland Department of Streets; City of Cleveland Office of Economic Opportunity; Cleveland Metropolitan School District; City of Beachwood Mayor's Office; City of Beachwood Building Department; Case Western Reserve University; Cleveland Museum of Art; local and state elected officials; several community organizations; and area businesses

URS, Cleveland, OH

2000 - 2003

Program Manager: Directed consulting team of multiple firms for the Akron Public Schools (APS) Facilities Improvement Program, of which URS was a team member. The program consisted of 58 school projects. Which includes 36 new schools and 20 renovated schools. Estimated cost for the program is \$800M. Managed a team of seven project managers from six different firms. Participated in negotiations with the Ohio School Facilities Commission (OSFC). Participated in APS community meetings. Organized preliminary planning effort for 23 APS facilities. Wrote portions of the APS/OSFC Facilities Master Plan.

Directed consulting team of two firms for the Cincinnati Public Schools (CPS) Facilities Improvement Program. The program consists of 85 school projects. Which includes 35 new schools and 40 renovated schools; 10 schools were decommissioned. Estimated cost of the program is \$990M. Participated in negotiations with the Ohio School Facilities Commission (OSFC). Participated in CPS community meetings. Administered planning effort for 75 CPS facilities; including meeting with representatives from each of the 75 schools planned. Wrote portions of the CPS/OSFC Facilities Master Plan.

EDUCATION & CERTIFICATIONS

University of Illinois
LEED – Accredited Professional

BS, Architectural Studies – 1988
2011



HLMSS Sustainability Solutions

Anna-Katrin Hildebrandt Strauss

PROFESSIONAL PROFILE

An architectural designer and LEED AP with 10 years post-graduation experience and a passion for green design.

EXPERTISE & SKILLS

- LEED Accredited Professional since 2/2007
- Design abilities in programming, SD, DD, and CDs
- Proficiency AutoCAD, Microsoft Office, Windows8, Photoshop

PROFESSIONAL EXPERIENCE

Independent Consultant

6/2008-Present

Provide architectural design and LEED project administration services on as as-needed basis to several companies including J. Philip O'Neil Architects, Peninsula Architects, and Humanity's Loom.

ka, Inc., Cleveland, OH

11/2006-3/2008

Project Designer: Participated in all stages of design, specializing in retail centers. Conducted LEED reviews and feasibility studies. Participated in the firm's Sustainability Committee, led a LEED exam study group, and attended Greenbuild 2007.

schmidtcopelandparkerstevens, inc., Cleveland, OH

4/2005-10/2006

Designer: Participated in all stages of design on architecture and landscape planning projects, specializing in schools and camp buildings such as cabins, health centers, and dining halls.

AK Design, LLC, Chagrin Falls, OH

11/2003-3/2005

Principal/Designer: Worked on all phases of architectural, interior design, and millwork design for high-end residential projects including new custom homes and historical renovations. Defended projects to local ARBs and provided CM services.

Michael Greenberg Associates, Westport, CT

6/2002 -10/2003; 5-8/2001, 6-8/2000

Intern & Designer: Worked on all phases of architectural, interior design, and millwork design for high-end residential projects including multi-million dollar new homes, and historical renovations. Defended projects to local ARBs, provided CM services, created detailed models, and assisted with marketing efforts.

EDUCATION

Miami University, Oxford, OH

B.F.A. Architecture, double minor Landscape Architecture & French

2002

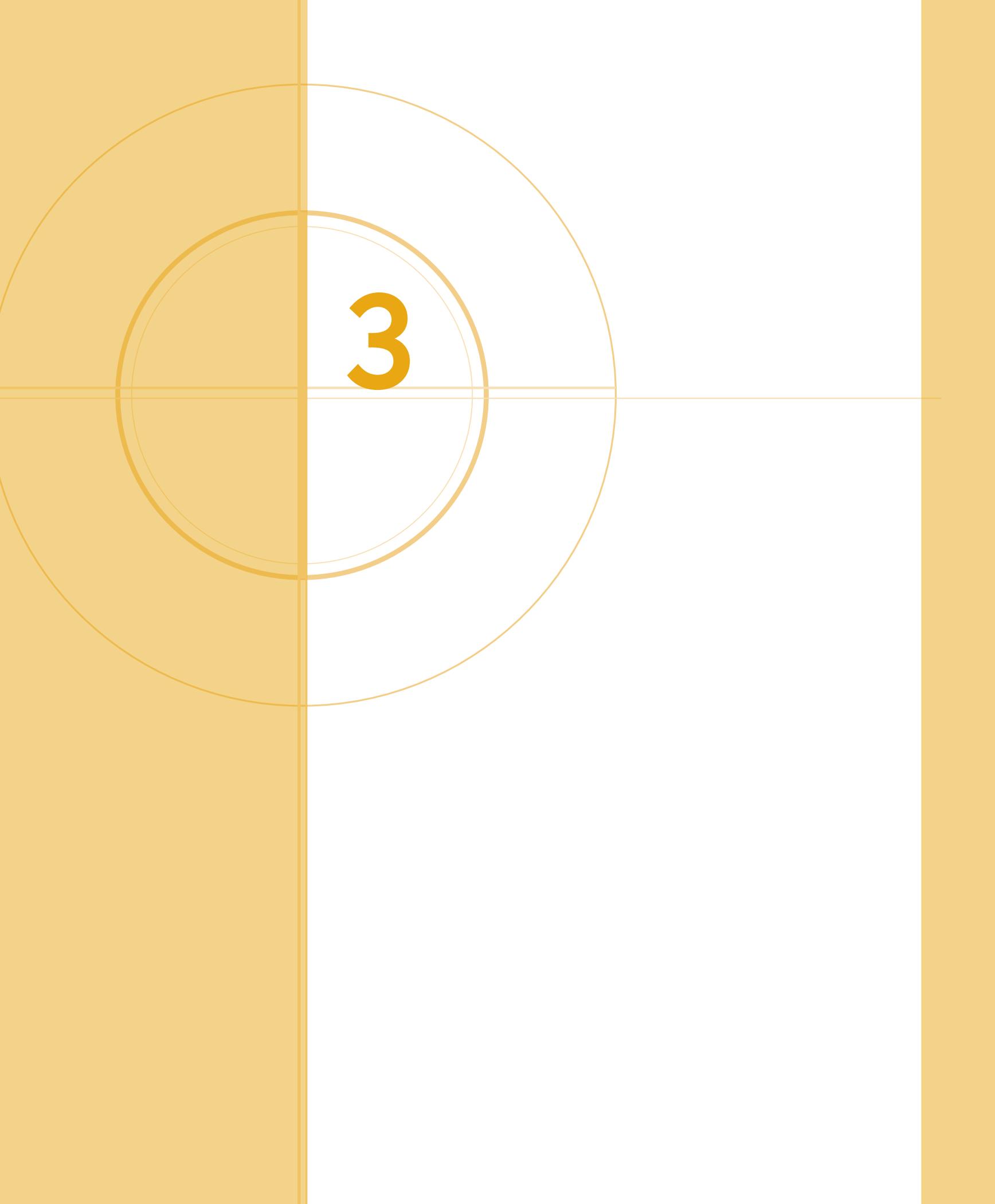
References available upon request

Calvin M. Singleton, Jr. - BIO

- Graduated with BArch – cum laude degree from Illinois Institute of Technology – Chicago, Illinois in 1979
- Ohio registered architect since 1982
- President of Calvin Singleton & Associates, a sole proprietorship, and located in Cleveland Heights, Ohio for over 30 years
- Resident of Cleveland Heights, Ohio for 28 years; raising a son & daughter who completed all of their education through high school in the CH-UH school system
- 2012 Contracted with the City of Cleveland Heights to provide backup Master Plans Examiner (MPE) consultant services on an ongoing annual basis
- Selected to be a member of the 2001 Visioning Committee for the City of Cleveland Heights & sub-committee chair which entailed numerous community meetings & charettes to determine the viable goals & direction for the entire city
- Selected as an honorary member of the Cleveland Heights High School/Tri-Heights C.P.C. chapter of the National Vocational Technical Honor Society in 2003, partly for providing a professional work site for high school CADD drafting students over a period of 13 years
- Recipient of the 2005 Reaching Heights – “Friend of Public Education” award for sharing his time & talents as a tutor, role model, employer & fan of the students in the CH-UH school system

Redevelopment/Feasibility Study Projects:

- CSA worked in a team effort as project architect to provide streetscape analysis & planning, parking & circulation analysis & planning, conceptual development planning, & urban design guidelines for the Kinsman Community from E. 154th St. to E. 112th St. In addition, community meetings & surveys were performed in order to provide a complete community redevelopment plan & feasibility study for Mount Pleasant Now Development corporation.
- CSA worked in a team effort as project architect to create a neighborhood development strategy for the Cleveland Near West/Ohio City area bounded by W. 58th St., Interstate 90, the Cuyahoga River and Detroit Ave. CSA provided streetscape analysis & planning, parking & circulation analysis & planning, conceptual development planning, & urban design guidelines.
- CSA worked in a team effort as project architect to assist in the analysis of approximately 24 buildings over an area covering more than 59 acres of the Cleveland far West side in an effort to determine each buildings architectural and structural building code deficiencies. Said analysis was compiled in a final assessment report which was delivered to the City of Cleveland for their use.



3

EDGE PARTICIPATION

Our CM team includes meaningful EDGE participation totaling 15% and will include both HLMS Sustainability Solutions and Calvin Singleton & Associates. HLMS, led by Margaret Hewitt, LEED AP, will provide LEED compliance including establishing sustainability goals, working with the design team to integrate recommendations per OSDM standards and ensuring CH-UH maximizes the LEED opportunities that best meets the budget and future life-cycle costs. Margaret brings more than 23 years in the design and construction industry for clients including the Chicago Public Schools and University Hospitals in Cleveland and will implement those best practices on the CH-UH program. Calvin Singleton is based in Cleveland Heights and will provide design review services on the construction management team.

HLMS Sustainability Solutions

HLMS is a sustainability consulting business working at the intersection of sustainable buildings and business practices. As a leader in an ever-evolving market, HLMS helps clients weave high performance building methods and sustainable business practices with their financial, operational and environmental objectives. Their expertise is rooted in more than 20 years of construction and real estate experience and designing and leading change within organizations and systems.



HLMS Sustainability Solutions

HLMS is best known for its LEED project management services, which provide project teams start-to-finish support in establishing sustainability goals, designing to meet those goals, and building or renovating facilities that achieve LEED certification. Because of their expertise in sustainable business strategy, HLMS also consults with organizations on their sustainability goals and strategies.

HLMS Sustainability Solutions is focused on providing high-quality service and customer satisfaction - we will do everything we can to meet your expectations. HLMS strives to assist clients:

- ▶ Achieve higher operational efficiency
- ▶ Become certified in LEED and/or Energy Star
- ▶ Increase market competitiveness
- ▶ Engage employees, clients, and the community
- ▶ Increase social responsibility initiatives
- ▶ Increase environmental stewardship

Our approach is catered to your program. Through listening and developing a heightened understanding of your needs, HLMS Sustainability Solutions leverages the best resources to ensure value and return on investment.



Margaret Hewitt, ^{LEED AP}
Principal



Laura Steinbrink, ^{LEED AP}
Principal

Calvin Singleton & Associates

- ▶ CSA located in Cleveland Heights for more than 30 years
- ▶ Calvin Singleton, Jr. resident of Cleveland Heights for more than 28 years
- ▶ Extensive K-12 experience in Cleveland
- ▶ Recipient of the 2005 Reaching Heights - *Friend of Public Education Award*
- ▶ Honorary member of the 2001 Visioning Committee for the City of Cleveland Heights
- ▶ Honorary member of the Cleveland Heights High School/Tri-Heights CPC Chapter of the National Vocational Technical Honor Society

Calvin Singleton & Associates

Calvin Singleton & Associates (CSA) is a Cleveland Heights based architectural and design firm owned and operated by Calvin Singleton, Jr. Mr. Singleton has been a resident of Cleveland Heights for more than 28 years and two children who have completed their education in the CH-UH school system. He was selected as an honorary member of the 2001 Visioning Committee for the City of Cleveland Heights and subcommittee chair which entailed numerous community meetings and charrettes to determine the viable goals and direction for the city.

Calvin Singleton & Associates has an extensive resume working in Cleveland and includes the following experience:

- ▶ Cleveland Metropolitan School District, Warm, Safe, and Dry, Group 2 Renovation Work - Cleveland, OH
- ▶ Cleveland Metropolitan School District, Success Tech Renovation Work - Cleveland, OH
- ▶ East End Neighborhood House - Cleveland, OH
- ▶ Cleveland Thematic School Renovations - Cleveland, OH
- ▶ Empire Jr. High School - East Cleveland, OH
- ▶ Kirk Junior High School - East Cleveland, OH
- ▶ Marotta Montessori Schools - Cleveland, OH
- ▶ Cuyahoga Community College, Western Campus - Parma, OH
- ▶ Cuyahoga Community College, Eastern Campus - Highland Hills, OH
- ▶ Cuyahoga Community College, Metro Campus - Cleveland, OH
- ▶ University of Akron, New School of Business - Akron, OH
- ▶ Library Book Depository, Phase II, Ohio University - Athens, OH
- ▶ Library Book Depository, Phase II, The Ohio State University - Columbus, OH

WORKFORCE FOR LOCAL/DIVERSITY PARTICIPATION

In order to achieve results, M/WBE and workforce participation goals must be a priority for both the project owner and construction manager. It is clear that Cleveland Heights-University Heights City Schools is dedicated to building strong communities as an integral part of your mission. Throughout this project and as a company, Gilbane • Ozanne is wholly committed to ensuring that your mission is translated into reality during the construction process. We believe that this project presents an opportunity for CHUH to further its mission to support the neighborhoods it resides in. As your construction manager, we will utilize our previous successes in diverse participation to ensure that the Cleveland Heights High School project achieves results.

Our team understands the importance of maintaining an environment that promotes and improves the overall participation of a widely-diverse group of business enterprises. In the past five years, we have awarded an average of nearly \$45 million annually to MBE/WBE Cleveland subcontractors and suppliers and will leverage that experience and best practices for CHUH. Immediately upon award, we will work closely with CHUH to establish local inclusion goals for the program and develop a collaborative diversity execution plan. Action items by our team will include:

- ▶ Engaging local community organizations such as the Commission on Economic Inclusion, Construction Employers Association, Minority Business Assistance Center and Urban League to ensure the construction community is aware of opportunities on the project
- ▶ Holding a diversity outreach seminar to discuss the project and encourage prime contractor and MBE/WBE partnerships
- ▶ Structuring the bid packages to achieve maximum MBE/WBE participation
- ▶ Reporting monthly to CHUH on MBE/WBE trade contractor involvement, diverse workforce participation, and community activities by the team

Recent success stories have included the diversity outreach efforts at Cleveland Metropolitan School District, University Hospitals, Cuyahoga Community College, KeyBank, Case Western Reserve University, The Cleveland Museum of Art, and the Flats East Development.

Cleveland Metropolitan School District

Creation of the Bond Accountability Commission (BAC) is just one example of the unprecedented community collaboration for the CMSD's building program. The 23-member BAC serves as an independent group to oversee the construction process on behalf of the citizens of Cleveland. The committee consists of volunteers from the community who help to communicate construction progress and account for the OFCC and bond funds that are being utilized. Over 200 public meetings were held and extensive input was received from the community while the district, OSFc, and the program team prepared the master facilities plan.

Contractor outreach and community collaboration led to unprecedented local involvement in the CMSD program. The district has set hiring standards to ensure minority, female, and local contractor participation. Early in the program, Gilbane and Ozanne held semi-annual contractor outreach seminars to stimulate local interest, allowing contractors to learn about CMSD's master facilities plan, and to better understand the process required by the OFCC.



University Hospitals

Gilbane closely partnered with UH in its commitment to achieving local contractor leadership and diversity by reaching out to minority- and women-owned businesses and local suppliers for the \$334 million Vision 2010 project. Gilbane hosted numerous diversity outreach programs to advertise bid opportunities and encourage partnerships among the MWBE firms and prime contractors. Educational workshops were also held to prepare MWBE firms for specific bid packages and provide one-on-one guidance related to the pre-qualifications process.

The diversity outreach efforts were extremely successful and the University Hospitals Vision 2010 project team exceeded its goals and achieved approximate participation of:

PROJECT	MBE	WBE
Seidman Cancer Center	15%	6%
Ahuja Medical Center	17%	7%
NICU	24%	8%

Additionally, Gilbane’s commitment to diversity on this project did not simply reside on the trade contractor side, it carried over to our own team resulting in a partnership with four local MWBE firms who served in associate construction management roles. Gilbane provided mentorship to these firms and incorporated their staff into central positions on each of the four UH projects.

DIVERSITY & LOCAL RESULTS AT UNIVERSITY HOSPITALS

- ▶ Planned for 5 percent of construction costs for women-owned businesses and achieved 7.3 percent
- ▶ Planned for 15 percent of our construction costs for minority-owned businesses and reached 22.3 percent
- ▶ Awarded 80 percent of Vision 2010 contracts to local business by ultimately awarding 91.5 percent
- ▶ Construction activities supported more than 5,200 jobs at the height of construction and generated more than \$500 million in wages, salaries, and benefits
- ▶ Following completion of construction Vision 2010 supported an estimated 1,200 new hospital-based jobs



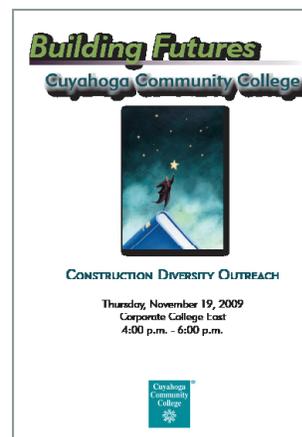
“University Hospitals is proud of the on-going achievements of our Vision 2010 program and all our partners who are involved. Gilbane’s contributions to that success related to community inclusion have been substantial and are worth recognition.”

~Steven Standley, Chief Administrative Officer, University Hospitals

Cuyahoga Community College

Gilbane served as program manager to oversee \$300 million Tri-C’s master plan construction program. In this role, Gilbane worked as an extension of Tri-C’s Capital and Construction Department and managed seven construction management firms and collaborated with nearly thirty A/Es on the program.

Gilbane worked closely with Tri-C to establish and execute diversity requirements related to the master plan. To support this effort, three community outreach programs were held targeting MBE/WBE/DBE/SBE, Veteran, and local firms and served as an open forum for the construction and design community to become familiar with the opportunities on campus. Educational and training opportunities through the Workforce and Economic Development Division (WEDD) and the Minority Contractors and Business Assistance Program (MCBAP) were also discussed as part of these events.



KeyBank

Gilbane partnered with KeyBank’s Supplier Diversity Department to establish a successful diversity inclusion program for a \$50 million building program which included outreach, mentoring, and education components. A contractor information meeting was held to educate the construction community about the project and MBE/WBE vendors in specific trades were tracked to ensure their awareness of who was bidding the project. Additionally, MBE/WBE firms were mentored on the use of the Building Information Model (BIM) used in the coordination of the project. In conclusion, 98% of the prime contractors that set MBE/WBE participation goals in their original contract met or exceeded those goals.

PROJECT	MBE	WBE
KeyBank Operations Center	53%	3%

More than 80 MBE/WBE firms attended an informational meeting and had the opportunity to meet with KeyBank Supplier Diversity personnel, the architect, and Gilbane team members to discuss available bid packages and bid schedules.

Case Western Reserve University

Gilbane partnered with Case’s Supplier Diversity Initiative Council (SDIC) to ensure diverse participation on two projects in which we provided construction management services: the 750,000 SF West Quad demolition, and the Cleveland Center for Structural Biology/Wright Fuel Cell Group (CCSB/WFCG) research facility.

Each month Gilbane reported construction progress and diversity business and workforce participation figures to the SDIC and worked with the university to ensure maximum participation. Additionally, the project team hosted three Diversity Initiative Programs to expose minority and disadvantaged businesses to significant opportunities at Case and allow them to network with other interested firms. Over 400 representatives from Cleveland-area businesses attended the events and information collected was utilized as the projects moved into the bidding stages. Results of our diversity commitment and successful recruitment efforts at Case are evident by the final participation percentages below.

PROJECT	MBE	WBE
West Quad	38%	3%
CCSB/WFCG	49%	19%



The Cleveland Museum of Art



Gilbane and its joint venture partner are currently providing construction management services for the \$258 million renovation and addition project at The Cleveland Museum of Art (CMA). CMA and Gilbane have worked together to establish a comprehensive building program that encourages MBE/WBE/DBE participation.

PROJECT	MBE	WBE
CMA Phase 1	15%	6%
CMA Phase 2	21%	10%

In addition to a diverse program of inclusion for the subcontractors and vendors, the joint venture team has also brought on board an associate MBE/WBE firm to the construction management team as well as a third-party diversity consultant to oversee the outreach efforts and monitor the program on a recurring basis. A Diversity Advisory Group consisting of representatives of local community organizations and the design and construction team meets monthly to ensure the program is carried out.



Gilbane's proven process that was used at a project for Case Western Reserve University was utilized as we launched our project. They have achieved our collaborative goal of inclusion over the past five years as they work in concert with us to ensure the involvement of local minority and female businesses in the construction process.

~ Janet Ashe, Former CMA Deputy Director of Administration and Treasurer

Flats East Bank Office Building and Hotel

Gilbane provided design-build services for the first phase of the \$123 million Flats East Development project. This high-profile project included the construction of a 6-story hotel and three-story, 545-car parking garage.

In 2010, Gilbane partnered with the Flats East Development, LLC and the Greater Cleveland Partnership’s Commission on Economic Inclusion to host a Diversity Partnership Meeting. Minority-, women-, small-, veteran-, and disadvantaged-business enterprises were invited to attend this outreach event.

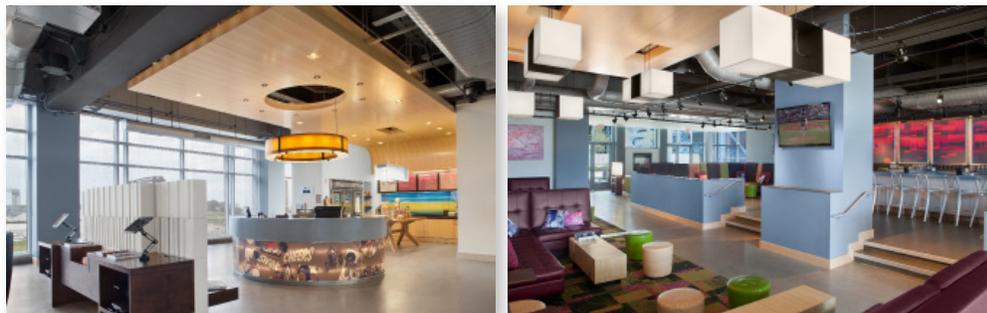
Attendees were briefed by the owner’s representative and Gilbane project managers on the project description, procurement process, and upcoming bid packages. This event gave participants an opportunity to form partnerships between minority businesses and prime contractors. Current diversity participation includes:



PROJECT	MBE	WBE
Flats East	23%	9%

Gilbane had a contract through the Construction Assistance Association (CAA) to participate in its mentor-protégé program. KBJ, Inc. was selected as the MBE firm to receive mentorship from Gilbane on the Flats East project. A KBJ employee provides field supervision support onsite for the duration of the project. Additionally, several learning sessions were organized by Gilbane for KBJ employees in disciplines such as estimating, marketing, project engineering systems and processes, and other industry-specific courses.

In addition to the mentor-protégé program, Gilbane took the mentoring efforts a step further, by requiring all prime contractors to select a subcontractor to mentor throughout the life of their contract on the Flats.





Gilbane and Ozanne are leaders in the ACE Mentor Program of Cleveland to directly impact high school students and their future careers.

ACE Mentor Program of Cleveland

Gilbane is dedicated to contributing to the overall quality of life in all the cities we call home, and we encourage our employees to be involved in their communities as well. We accomplish this through volunteerism, corporate giving and partnerships with organizations, many with needs that match up well with our skills in the building industry. The ACE Mentor Program is one example of our commitment to not only the community, but also the development of future leaders.

ACE is an organization to inform high school students about career opportunities in architecture, construction, and engineering. The program relies on mentors drawn from the professional staffs of leading design and construction firms who volunteer time to work with the students for 15 weeks out the year. Gilbane was instrumental in bringing an ACE affiliate to Cleveland and Ozanne employees are currently active leaders in providing volunteer mentors. The chapter currently has more than 120 students and 47 firms participating.



ACE students from John Hay are led on a tour by Gilbane personnel through the Flats East Development project office and hotel tower.

Since its inception in 2008, the Cleveland affiliate of the ACE Mentor Program has partnered with the Cleveland Metropolitan School District and now features five teams with more than 100 students at the John Hay School of Architecture and Design, James F. Rhodes High School, East Tech High School, and Max Hayes High School. More than 46 local firms from the design, engineering, and construction industry have provided volunteers to assist with the program. Students have been exposed to diverse elements of the Cleveland construction community in multiple ways including visits to University Hospitals, MetroHealth, Flats East Development, and the Cleveland Museum of Art construction sites; office visits to the Cuyahoga County Engineer's Office, PSI, Gardiner Trane; walking architectural tours of University Circle; college visits and design charrettes at Kent State University's main campus and the Cleveland Urban Design Collaborative.

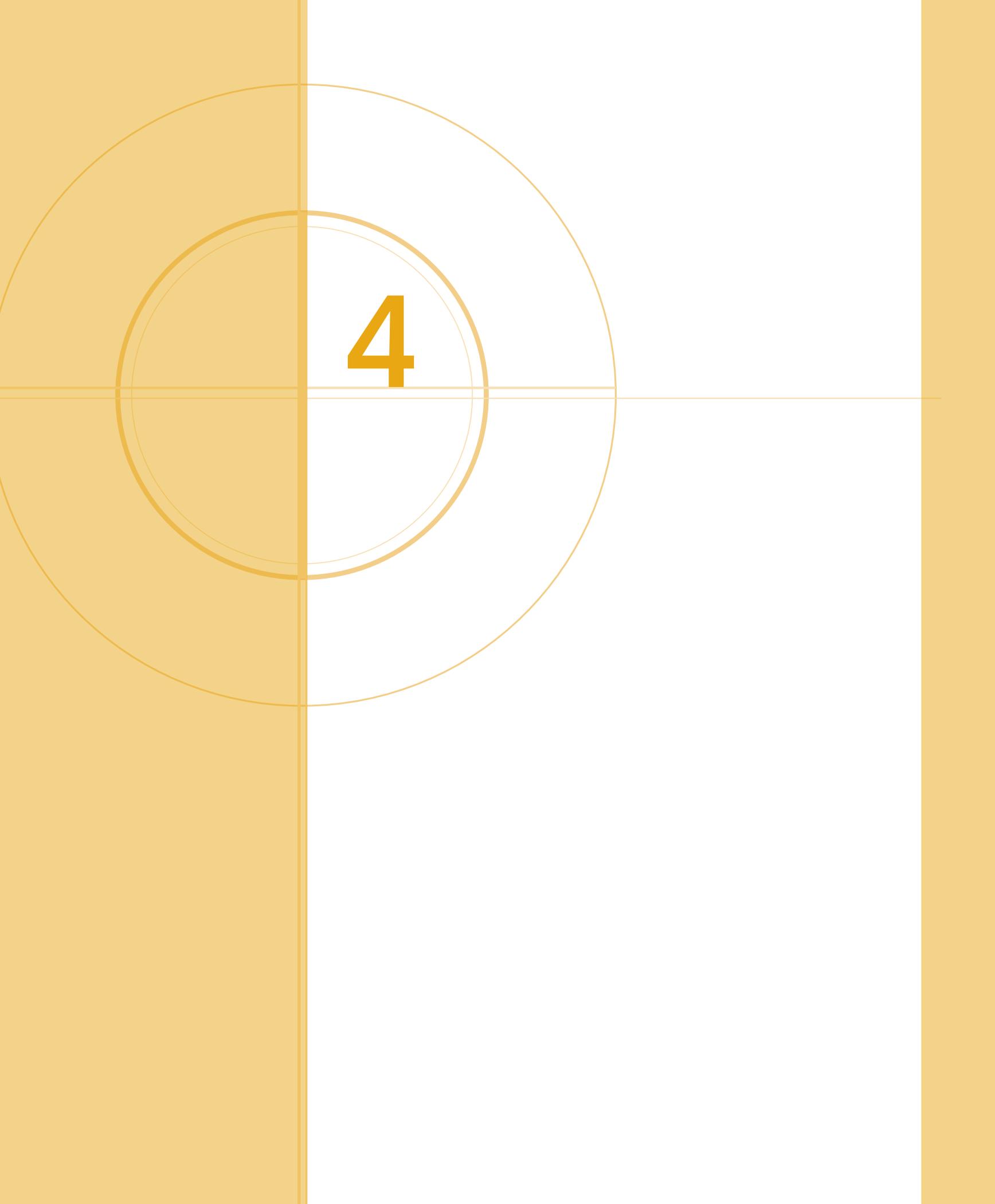
Scholarship Awards

For ACE students who pursue post-secondary education, including registered apprenticeship programs, the ACE Mentor Program of Cleveland supports select participants with scholarships and grants following their senior year of high school. Students are selected for scholarships based upon predetermined criteria such as level of participation, commitment to the program's goals, and desire to pursue a career in the industry.

Since 2010, ACE Cleveland has been honored to award more than \$193,000 in scholarships to 43 graduating ACE seniors. In total, 55% of the graduating students in Cleveland elected to pursue a higher education curriculum focusing on design, engineering, or business management. Recently, University Hospitals announced a \$400,000 donation to the ACE Mentor Program of Cleveland Scholarship Fund. Local construction industry support, the KSU, CSU, University of Akron, and Cuyahoga Community College scholarship matching programs, and University Hospitals' investment have made meaningful scholarship opportunities available to the students.



Mayor Frank G. Jackson was the keynote speaker at the 2012 Final Presentation Night & Scholarship Awards Banquet for the ACE Mentor Program of Cleveland.



4

BIM

Gilbane and Ozanne have extensive relevant experience working on K-12 projects in a collaborative BIM environment at various stages of model development which is consistent with the lean delivery ideals. We coordinate directly with the design team, trade contractors, and owner on the development of the model for specific project requirements such as site logistics, visual scheduling, design review, virtual trade coordination, virtual mock-ups, QA/QC support, and model-based estimating. On every project, we are finding innovative, yet practical ways to use technology in order to control cost, schedule and quality. We are finding that the use of these technologies increases interaction and collaboration amongst the project team as information is exchanged more fluidly.



Virtual Design & Construction (VDC) Capabilities

While many construction management firms use BIM, our Virtual Design and Construction (VDC) process is a technology-based solution that takes the next steps to ensure that the model is used in a practical and highly effective manner throughout the lifespan of the project. Through VDC, we will ensure that your building's model produces tangible and quantifiable results through each step of construction and after the project is complete.

Benefits of Gilbane • Ozanne's BIM model coordination efforts to Cleveland Heights-University Heights City School District include:

- ▶ Schedule optimization (eliminates schedule waste)
- ▶ Reduced project costs (through schedule optimization/refined coordination)
- ▶ Increased team communication, collaboration, and cohesion
- ▶ Higher quality facilities based on a common goal and increased collaboration with trades
- ▶ Safer jobsite through better understanding of workflow by all

Applications

VDC complements traditional construction management services by applying a series of key Virtual Design and Construction (VDC) tasks to a project. Each step in the process can stand alone or can build on the previous one – beginning with the Building Information Model and growing from there VDC impacts each of the following areas:

Building Information Modeling (BIM)

Using BIM, we'll create a model along with the architect that can be used throughout the project life cycle for visualizations, logistics planning, constructability analysis, clash detection, improving speed and accuracy of estimates, optimizing construction sequence, and integration into a functional facilities management tool.

Recent BIM project experience:

- ▶ Cleveland School of the Arts
- ▶ Vantage Career Center
- ▶ Beachwood City Schools High School Addition & Renovations
- ▶ Cleveland Museum of Art
- ▶ Cleveland Clinic Data Center
- ▶ Cuyahoga Community College
- ▶ Cuyahoga Metropolitan Housing Authority Headquarters Administrative Campus
- ▶ Bristol Schools West Bristol K-8 School
- ▶ East Somerville Community School
- ▶ Essex North Shore Agricultural and Technical High School
- ▶ Georgia Institute of Technology Carbon-Neutral Energy Solutions Laboratory
- ▶ H. C. Wilcox Technical High School
- ▶ Kady ISD Obra D. Tompkins High School
- ▶ Lamar Consolidated ISD 2006 Bond Program
- ▶ Longmeadow High School
- ▶ Lorain County Community College Joint Facility for Culinary Arts & Convergent Digital Arts
- ▶ North Reading Schools Middle/High School
- ▶ Providence Schools Capital Program
- ▶ Rochester Memorial School
- ▶ Shrewsbury School District Sherwood Middle School
- ▶ Tomball ISD Memorial High School
- ▶ Waterbury School District Career Academy High School
- ▶ Wilmington Schools New High School

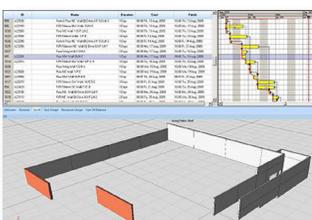


Visualizations

Leveraging the BIM, we can produce visualizations that will allow the project team to communicate design intent in three dimensions instead of flat two-dimensional plans. As the project progresses, higher levels of detail can be included to produce high-quality rendered images or animations. Real time walk-throughs, simulations and orbits can realistically convey the look and feel of the new facility.

Site Logistics / Safety Planning

Site logistics is the process of planning and coordinating the construction area and surrounding areas impacted by the construction process. Safety of the school's on-site students, staff, and personnel as well as the adjacent pedestrian and vehicular traffic is paramount. The logistics plan illustrates the placement of field trailers, site fencing, construction equipment, material staging, storage areas and other construction areas as well as identifies temporary pedestrian, vehicle, equipment and delivery routes.

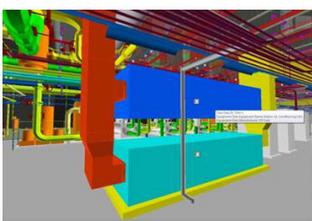


Visual Scheduling (4D)

Visual Scheduling (4D) is the integration of the project schedule with the BIM. The result is a progression of visual images that illustrates what the construction progress will look like at a specific point in time. The project team can use these visuals to better communicate and plan site logistics and sequencing as well as to identify potential safety issues.

Quantity Survey / Estimate Integration (5D)

When the model has matured and attribute data is embedded, a 5D model can be generated. This inherent intelligence is then surveyed and leveraged with our cost estimating systems for cost analysis. Counts, lengths, areas and volumes can be generated directly from the model in a matter of minutes and hours as opposed to days and weeks.



Virtual Trade Coordination / Clash Detection

Virtual coordination is the process of taking the 3D shop drawings from the subcontractors and combining them into one composite model so that any conflicts between systems can be identified and addressed before construction begins. This process helps avert problems and the potential for change orders. Design clashes are swiftly identified to eliminate pitfalls in advance and avoid needless unforeseen expenses on site. The model can be used to demonstrate virtual collisions that occur because of intersecting object geometry.

BIM CASE STUDY: VANTAGE CAREER CENTER VAN WERT, OHIO

The \$34 million project scope included renovations and additions to career center to house 485 students. Facility increased by more than 69,000 SF and included complete renovation of the entire center, relocating three training rooms into new space, and increasing over-crowded classrooms for a total of 190,000 SF.

Our team used Building Information Modeling (BIM) on the Vantage Career Center, facilitating better decision making and saving the district thousands of dollars in change orders and weeks on the construction schedule.



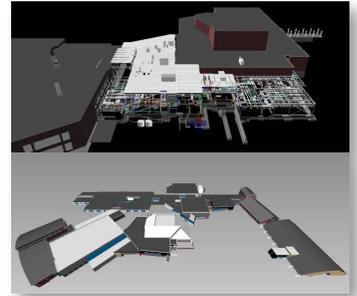
Integration/Fabrication

After the model has been fully integrated with the trade contractor’s model information and the clash detection / collision avoidance measures have been exhausted, the trade contractors will then have the ability to prefabricate their larger assemblies off site. This will aid the trade contractors with optimization of in-house production capabilities and mitigates the congestion of materials stored on site.

Virtual Constructability Review

Our constructability review services are a form of checks and balances between the project’s plans and its ability to be built efficiently. Leveraging the BIM, we can scrutinize design intent to a greater level than possible before. We check for:

- ▶ Clarity
- ▶ Constructability
- ▶ Completeness
- ▶ Material Selection
- ▶ Economic Viability
- ▶ Schedule Impact



Facilities Management & Systems Integration

The construction of any facility requires the timely collection and integration of new information into a facility management information system. Our team has the technical, facility, application, database and IT infrastructure knowledge necessary to help you gather all of the required information. We can integrate BIM with our e.TOP (Enhanced Turn Over Package) to incorporate critical real estate, facilities or asset-related information from construction in a digital format. At turnover, facility management systems can be fully operational in accordance with your specific business needs.

Summary

We have found the greatest use of BIM is as a communication tool. It is rich in data and graphically accessible which helps to include all members of a project team. We want to make certain that Cleveland Heights-University Heights City School District, the design team, users, building facility managers, and maintenance are all included in the process and feel that their contributions have made the project the best it can be.

BIM Trained Staff

Our project team has trained staff available to utilize for the Cleveland Heights High School project. The following staff members are enrolled in the AGC CM-BIM program, with one staff member completing the program and obtaining the CM-BIM Certificate.

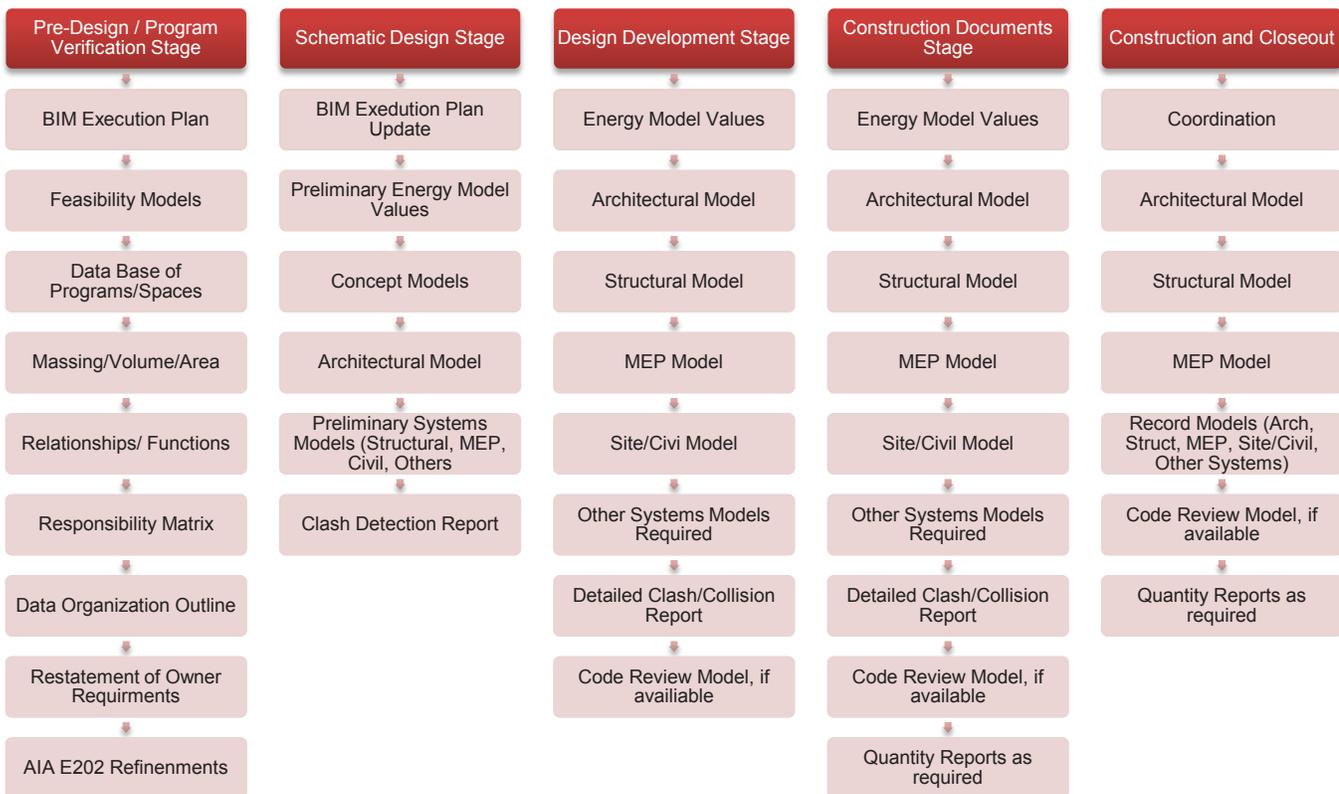
AGC CM-BIM Courses	Staff Members	CM-BIM Course
Unit 1 – BIM 101 An Introduction to Building Information Modeling	Larry Lacure, Associate DBIA, AVS	Unit 1
Unit 2 – BIM Technology	Angela Jeffries-Ragland, CCM, LEED-AP BD+C	Unit 1, 2, 3, 4
Unit 3 – BIM Contract Negotiation and Risk Allocation	Claudia Mihesan, CM-BIM	Unit 1, 2, 3, 4
Unit 4 – BIM Process, Adoption and Integration		

BIM Collaborative Process

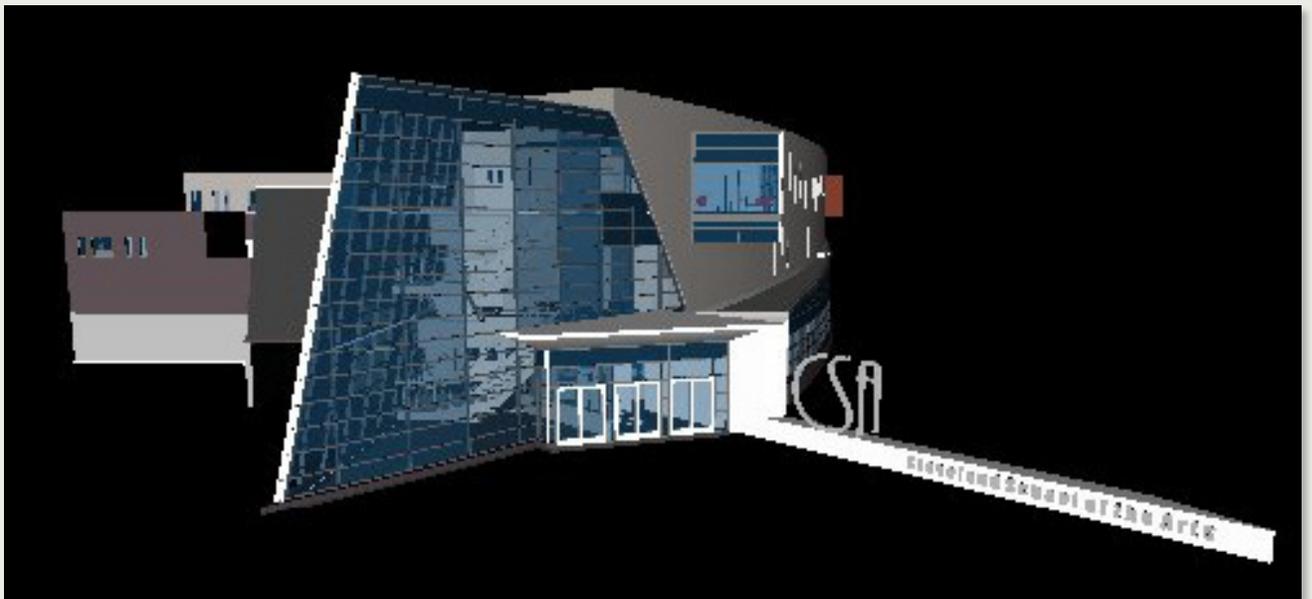
Implementation of the BIM process starts in the planning phase and includes the owner, architect, and construction manager and any other key team members. The implementation of the BIM process will be in accordance with the **State of Ohio BIM Protocol** as it applies to the Construction Manager at Risk project delivery method. Our team is currently utilizing this BIM collaborative process on the Cleveland School of the Arts High School.



Deliverables for Construction Manager at Risk Project Delivery Method



BIM CASE STUDY: CLEVELAND SCHOOL OF THE ARTS HIGH SCHOOL CLEVELAND, OHIO

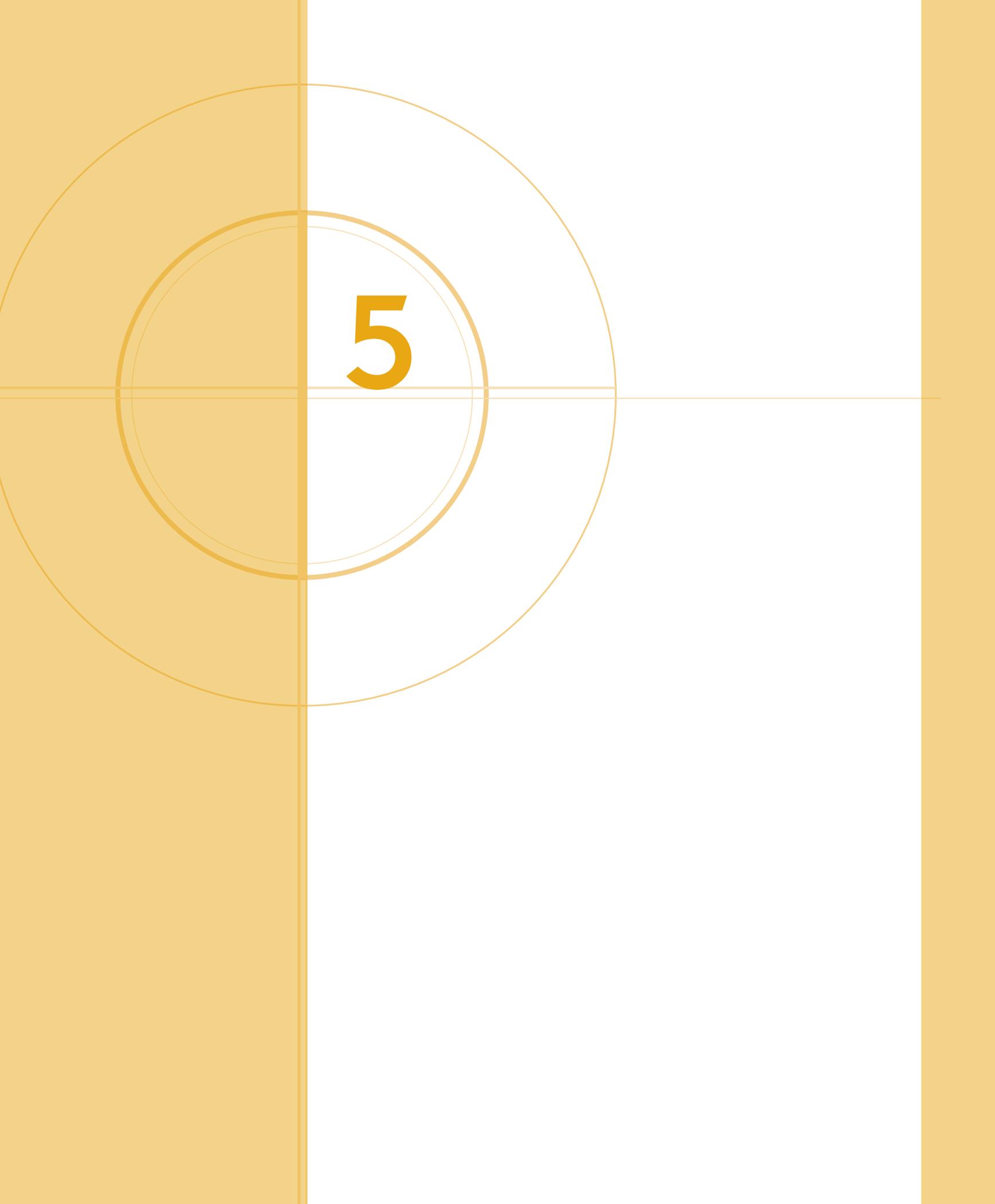


BIM Services Provided

Our team is currently utilizing BIM for the Cleveland School of the Arts High School project. This state-of-the-art high school utilizes the latest technology for a collaborative design. BIM services we provided include:

- ▶ Project Visualization
- ▶ Virtual Walk-Through
- ▶ Clash Detection

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A decorative graphic featuring a large, bold number '5' centered within a circle. The circle is divided into four quadrants by a vertical and a horizontal line. The left half of the image is a solid gold color, while the right half is white. The number '5' is gold and positioned in the upper-right quadrant of the circle. The overall design is minimalist and modern.

5

SUSTAINABILITY

Gilbane and Ozanne have embraced the need for responsible development and are industry leaders in applying sustainable design and construction strategies on our projects. Independent of an individual project's LEED certification targets, we believe implementing environmentally responsible construction practices on all projects to the greatest extent possible is intrinsic to our core values.

In total, more than 25 percent of our employees are either LEED Accredited Professionals or are participating on sustainable facility projects. We have been proactive in this area, providing employee training on green building/sustainable design, as well as implementation of environmentally-friendly construction methods for urban sites. Our experience allows us to help owners understand their options and approaches, evaluate cost effective systems and technologies, develop strategies toward targeted project LEED certification levels, register their projects, develop complete scopes of work, document LEED/green building information, and submit certification applications.

Jason Woehrle, LEED AP BD+C, Regional LEED/Sustainability Coordinator

Mr. Woehrle leads the Green Team for CRO. He is also a member of Gilbane's Sustainability & High Performance Buildings COE and a member of the Mayor Coleman's Green Team, Green Building Committee. He is assigned to all projects and will assist our OFCC project teams with their LEED efforts.



High Performance Building Center of Excellence (HPB COE)

The HPB COE focuses on providing added value by assisting clients and project teams make intelligent energy efficiency and high performance choices during the design and construction process. The HPB COE has three categories of services:

- ▶ **High Performance Building Program**
 - This is a comprehensive, team-driven approach to maximizing energy efficiency and sustainable design. Involves creation of a HBP Plan during an integrated design process. The program establishes a significant and predictable energy savings goal of at least 25-35% beyond the performance of the current ASHRAE 90.1 code and then applies the EPA's ENERGY STAR Target Finder to demonstrate savings over peer buildings.
- ▶ **Energy Modeling Services**
 - This is an active tool to maximize energy efficiency of a design. Our in-house energy modeler will simulate a year of operations based on design documents, then analyze various energy conservation measures to determine the most cost effective solution. This is different than the MEP engineer's design model, and can be used as LEED EA Credit 1 documentation.
- ▶ **Energy Systems Peer Review**
 - We can review, analyze and report on the energy efficiency of a current design. This peer review will help ensure that the design the client bought is as energy efficient as they had hoped.



Commitment to Sustainability

- ▶ 25% of our employees are LEED Accredited Professionals
- ▶ We require 75% construction waste landfill diversion on all projects
- ▶ Our commitment to environmental responsibility is based on the simple principle of: *"Doing the right thing for the communities where we live and work."*

LEED Experience

Our team leads construction management firms with 472 LEED Accredited Professionals, and we have 267 LEED projects. By partnering with our clients, we are able to identify ways to deliver a building that is aligned with LEED goals and is sustainable and energy efficient. Our Sustainability Council along with our and HPB Center of Excellence work together to provide ideas and best practices which result in a healthier building for not only the occupants but also the community.

LEED Certification Level	Number of Gilbane Projects Completed or Targeting LEED Certification
Platinum	8
Gold	60
Silver	136
Certified	47
TBD	16
Total	267



As an ENERGY STAR Partner and a member of the U.S. Green Building Council, Gilbane • Ozanne strives to provide clients with outstanding experience and extensive support to achieve sustainability goals.

LEED Construction Approaches

Waste Recycling

We have adopted stringent standards for waste recycling and minimization on all projects and we require new projects recycle a minimum of 75 percent of construction waste. Most projects exceed that goal, and in some cases, more than 95 percent recycling will occur, which can qualify a project for three LEED points. These efforts include a combination of creative strategies including recycling of raw materials produced in demolition, minimizing waste by asking suppliers to eliminate packing and shipping materials, and reusing building components.

Sustainable Construction Techniques

Gilbane • Ozanne work collaboratively with the design team to further your design and can confirm the value of each decision through life-cycle cost and operational analyses, as well as environmental benefits. We employ the US Green Building Council's established rating system to quantify our decisions on building criteria and construction practices. We are members of the USGBC, and active participants in policy development. As an ENERGY STAR partner, we are also committed to assisting clients in increasing energy efficiency while managing the bottom line. We offer a selection of the considerations we will review for your project, each tested and proven by our prior work experience.

Our teams proactively contribute to the integrated design process on projects mandated by USGBC typically by providing input on:

- ▶ Recycling existing materials
- ▶ Local sourcing
- ▶ Specifying materials of recycled content
- ▶ Waste management plan
- ▶ Indoor air quality
- ▶ Innovative MEP system

Balancing LEED With Project Budget Objectives

The Sustainability Council works closely with our estimating peer group to ensure that our estimators have both the necessary understanding of the potential impacts of a LEED pursuit, plus the tools at their disposal to accurately quantify those impacts and provide value added input regarding compliant alternatives. We will ensure that each and every preliminary design concept and idea put into place proves its worth financially, organizationally and environmentally with an emphasis on sustainability. The HPB COE can also assist in the life-cycle cost process to provide project-specific utility consumption projections for various combinations of energy conservation measures as an added dimension.



Wapakoneta City School District
LEED Silver

Green School:

A school building or facility that creates a healthy environment that is conducive to learning while saving energy, resources, and money.

Gilbane • Ozanne’s experience with the U.S. Green Building Council, LEED projects, and sustainable buildings spans several years and many types of facilities. This experience allows us to help owners understand their options and approaches toward LEED certification and helps to develop strategies to ensure that established goals are met. Our goal is to provide information and assist you in evaluating cost saving options.

Environmental and societal advantages include: lower energy costs and operating cost benefits, improved air quality, increased building efficiencies, enhanced staff health and well-being, and greater innovation.

Gilbane has been ranked as the second largest Green Builder of Educational Facilities, and according to *Engineering News-Record (ENR)*, we are currently ranked 6th in the “Top 100 Green Contractors”. Local and similar LEED project examples are included in the following pages.



Cleveland Schools, Cleveland, OH

Currently 10 schools are seeking LEED certification including: Mound PK-8, Louisa May Alcott K-5, Almira PK-8, Cleveland School of the Arts, Paul Dunbar PK-8, Max Hayes High School, John Marshall High School, Miles PK-8, Orchard PK-8, and West Side High School.



Wapakoneta City School District, Wapakoneta, OH

Two, new elementary schools for grades PK-4; renovations/additions to Wapakoneta Middle School for grades 5-7; renovate Wapakoneta High School for grades 8-12 and Career Tech students; and abate and demolish Centennial, Cridersville, and Northridge elementary schools. Project is seeking LEED Silver Certification.



Cleveland State University, Recreation Center, Cleveland, OH

New, \$26 million, 135,000 SF facility with a 19,000 SF fitness/weight room; basketball, racquetball, and squash courts; running track; and demolition of a 30,000 SF geodesic dome. Gilbane established a rigorous documentation process with the architect and university to coordinate LEED-certification efforts. As part of the LEED process, aluminum connecting members of demolished geodesic dome were recycled. Provisions for a pedestrian bridge connecting facility to a 400-car garage resulted in an environmentally-sound design allowing for energy conservation/cost savings. Project is LEED Silver certified.



Franklin County, New Courthouse, Columbus, OH

New, \$92 million, seven-story, 325,000 SF courthouse in downtown Columbus includes 32 court sets, with 20 of the court sets used for the common pleas courts. Each is a self-contained unit featuring a court room, jury box, judge’s chamber, holding cell, bailiff’s office, and jury deliberation rooms. There are 10 magistrate court rooms, one special proceedings court room, and one arraignment court room. Each court set contains extensive sound and vibration control to eliminate noise transmissions from adjacent court rooms and office spaces. Project achieved LEED Gold Certification.



GSA, A.J. Celebrezze Federal Building Façade Replacement, Cleveland, OH

Design reviews and construction oversight for \$100 million, 1.4 million SF, 32-story building with complete façade replacement; installation of various, renewable-energy components; and repair, replace or “over-clad” the building’s façade with a new, insulated curtain-wall system. Project will seek LEED Gold or Platinum certification.



Lorain County Community College, Learning Technology Center/Library, Elyria, OH

New, \$20 million, three-story, 83,300 SF facility including enhancements of services to over 600 study seats, 125 computer stations, 13 enclosed-group study rooms, 11 open-group study areas, experimental classrooms, and distance-learning facilities. Project achieved LEED Silver certification.

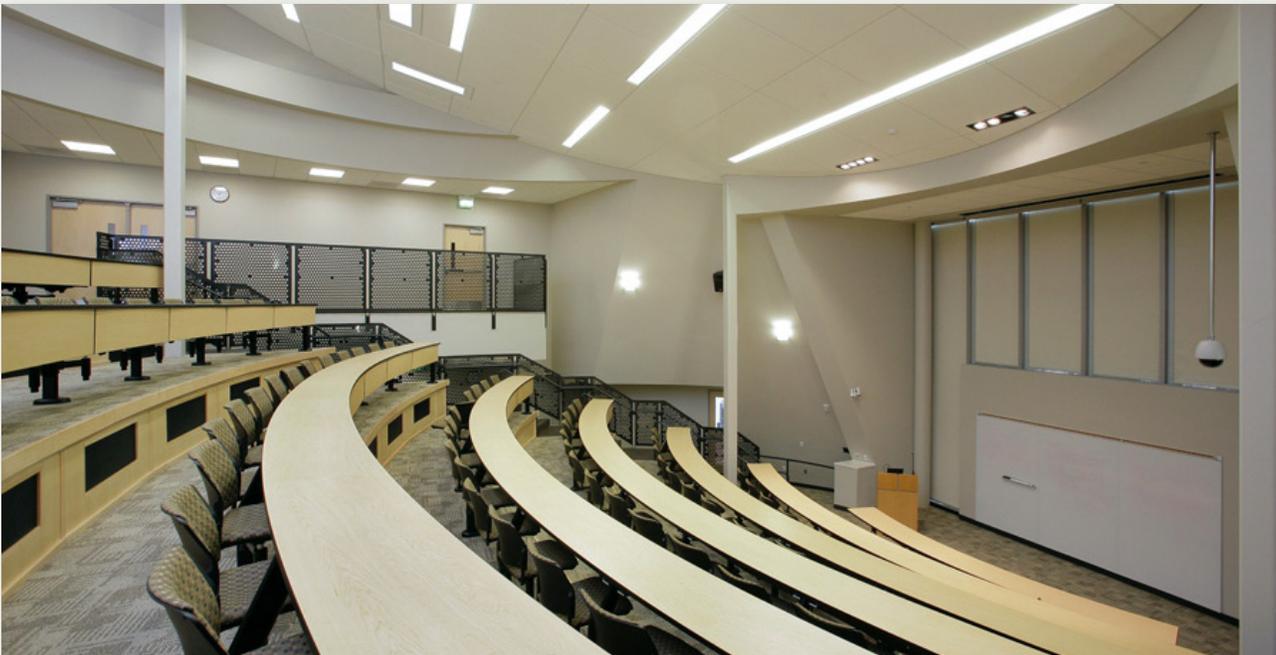
SUSTAINABILITY CASE STUDY: NEW HAVEN SCHOOL CONSTRUCTION PROGRAM NEW HAVEN, CT

The Opportunity – In 2002, as operation and maintenance data was collected on district-wide energy consumption for New Haven’s Public Schools, Gilbane, the Mayor, and School Board realized that something needed to be done to curb the rising cost of utilities for the 46-school construction and renovation program. While several schools had already been constructed, Gilbane chaired the Energy Committee to develop and implement sweeping changes to how the buildings were designed, constructed and operated.

The Solution – Our team proposed solution was a three-pronged approach: develop guidelines and an integrated design process for designing new facilities to exceed existing energy codes by at least 20%, perform energy audits and upgrades on existing buildings to lower consumption, and develop operating procedures and systems to reduce demand.

Owner’s Savings – As program managers on the 14-year program, we implement the High Performance Schools Design Requirements and High Performance Plan Process which includes a comprehensive design charrette at Conceptual, Schematic and Design Development phases, as well as a confirmation during the final Construction Document phase. Coupled with energy modeling and building commissioning, **the process has already resulted in energy cost savings of \$10 million per year and predicted 20-year savings of over \$200 million.**

An in depth article on the New Haven High Performance Public schools published in *CONNstruction* magazine is included in the following pages.





feature

How New Haven's Public Schools are Becoming High Performing Facilities

A look at why the modernization program for New Haven's public schools is viewed as a model of energy efficiency planning and implementation throughout the country.

By Webster Grouten, Gilbane Building Company senior manager

Since 1996, the city of New Haven, Connecticut, has been building and renovating schools as part of a comprehensive multi-year school construction program

that includes 46 schools at a total estimated cost (when completed) of \$1.6 billion. The New Haven School Construction Program (SCP) has and continues to revitalize the



Barnard Environmental Magnet School. Photo by Frank Giuliani



L.W. Beecher Museum School of Arts & Sciences. Photo by Frank Giuliani.



entire New Haven community, as well as improving educational opportunities for over 20,000 children.

The New Haven SCP is the largest per capita effort of its kind in the nation. The program began under the direction of Mayor John DeStefano, Jr. and, barring any changes in direction, is scheduled for completion in 2021. To date, 37 projects valued at over \$1.3 billion have been completed. At the end of the program, the district will have 24 brand-new schools and 22 renovated, “like-new” facilities, most with major new additions. These buildings not only offer state-of-the-art education to New Haven students, they will also serve as welcoming and vital fixtures to the communities they serve.

Early in the program, a decision was made to individually design each school to fit the unique aspects of the local neighborhood from an architectural, cultural and curriculum perspective. Eschewing application of a common “boxed” design to whichever site was next on the list, 19 different architectural and engineering firms and 9 different construction managers have labored to provide distinctive and effective learning environments for the children of New Haven.

As program manager, Gilbane oversees all of the master planning, feasibility studies and the design and construction of all of the projects within the program. Gilbane is also responsible for the filing of state grants and manages the budget for each of the schools. The project team and the city of New Haven have reached a higher level of cooperation through this effort, which led to a significantly improved final product.

High performance goals

A high performance building is the result of a deliberate, integrated planning and decision making process to achieve a building that is energy efficient and is optimally designed for its users, maintenance, and lifespan. A facility that is optimally designed for both its use and lifespan speaks to design choices that are not limited to mechanical/electrical/plumbing (MEP) systems. For example, on a K12 school, exterior doors and hardware are of suitable gage and type to withstand years of heavy usage. That is a high performance choice.

The New Haven program is on the forefront of high performance building. In early 2003, part way into this building campaign and after the completion of several major facilities, it became apparent that while a broad architectural license would best meet the goals of the program, it was necessary to provide a set of guidelines. The guidelines would allow for ease of maintenance and basic continuity of care for the central building blocks of the District’s curriculum and facility operations, as well as an overall energy management program. With this in mind, the city and Board of Education challenged the program manager to develop comprehensive School Design Standards and to improve the energy and environmental performance of the schools by writing and integrating high performance design criteria into the New Haven High Performance Schools Design Requirements (HPDR), The Standards.

The energy and environmental initiative was in response to the energy management program and the fact that many of the newly constructed schools were revealing a pattern of relatively high operating costs due to updated systems for indoor air quality, lighting, technology, etc. Thus, the HPDR emphasized a range of both architectural and engineering strategies to improve building performance from an energy, indoor air quality, and environmental perspective. They also outline site selection and design measures as well as best practices for water management and building materials selection.

There are 33 pages of items in the high-performance checklist. Gilbane worked closely with the city of New Haven to shape the process of the HPDR that the project’s design partners are required to follow. When an architect starts work on the program, the program manager facilitates high performance design charrettes (even before the schematic design phase) on behalf of the Board of Education for a formal review of the New Haven Building Standards as well as the New Haven HPDR. These charrettes also include a formal review of possible renewable energy sources, maintenance concepts and feasibility. The program manager works with the design teams to consider all options available for envelope, systems, and interiors with an eye for maxi-

mizing the return on capital investment and minimizing energy use and operating costs.

By understanding high performance requirements and expectations from the start, it is possible to integrate each of the objectives with minimal redesign and cost. In addition, participants have learned from the New Haven program and are able to apply these concepts to other projects. One example of this is third party Commissioning (CX); where contractors and engineers were at first reluctant to participate in the CX process, but are now convincing other owners to hire independent reviewers.

Demonstrated results over time

The initial goal of the high-performance guidelines was to exceed the energy code by 20 percent, but as the multi-discipline team of professionals met to develop the Guidelines to best meet this goal, other aspects of sustainability were added to the mix. While energy modeling guides an efficient design, once a school is turned over,

Driving the change

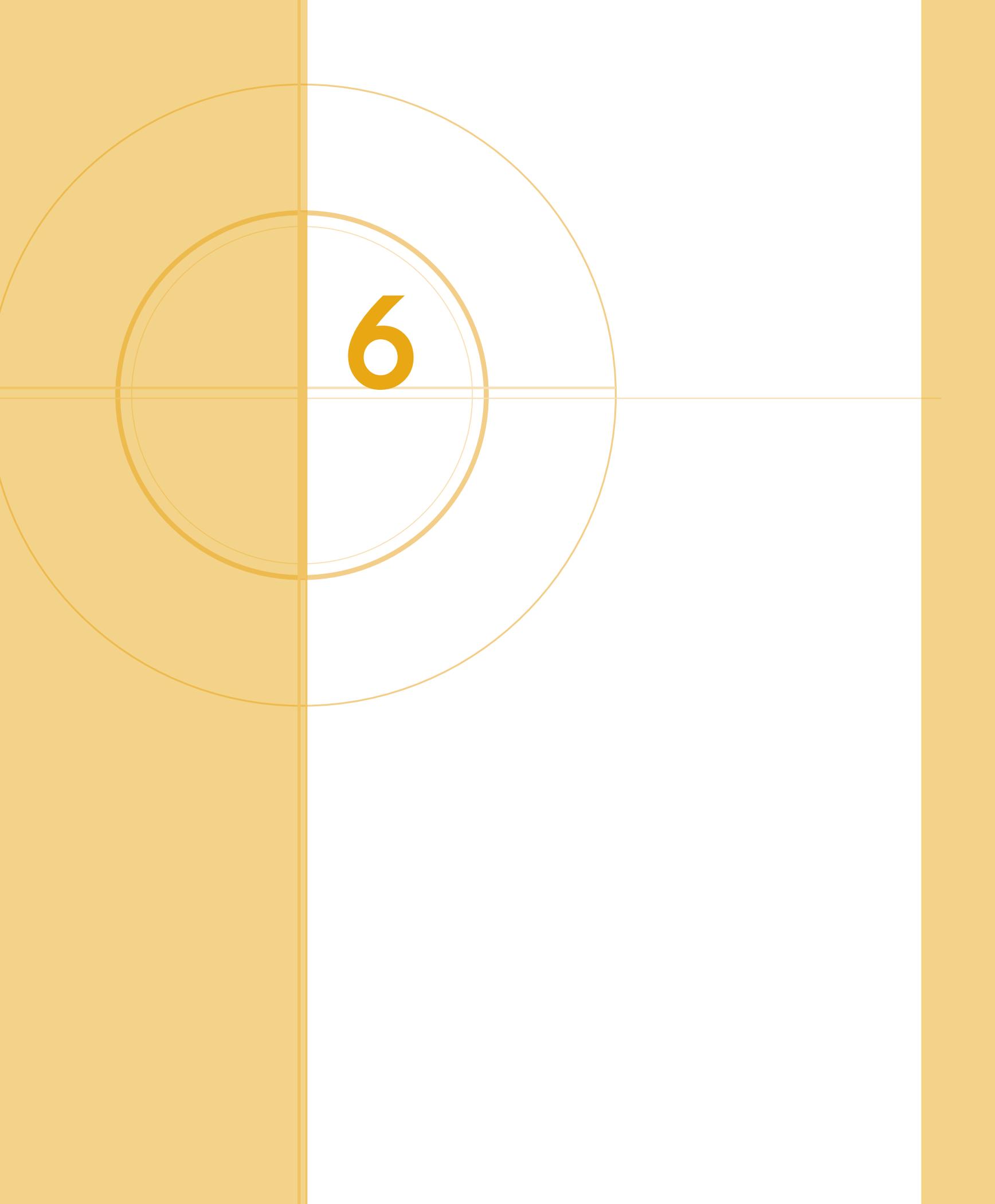
Energy goals have consistently been met, even as the bar is raised; however, not every initiative has been met with welcome arms and resounding success. Because of the public nature of funding, it has been an uphill battle to justify higher first costs on systems that have longer paybacks and less tangible results.

Overcoming these challenges requires continued efforts to ensure an environment of collaboration and to encourage design teams to push the envelope. Changes to standard contracts reinforce the importance of the HPDR and encourage creative problem-solving. Goals for less favorable initiatives are discussed at every design charrette. Public meetings have served an important purpose by giving community members a voice and building their buy-in.

A key factor in the completion of the Master plan, which includes another five schools, will be the issue of a new mayor when Mayor DeStefano's term ends in 2013. The program has benefited from the consistent leadership and vision of Mayor DeStefano; it will be up to the new mayor to decide whether or not to complete the remaining schools.

The Connecticut legislation standards that are in place now for all new publicly funded schools over \$5 million are based on this program. If it were not for the HPDR, the City would have to divert funds from education to pay its utility bills due to its energy consumption. The team has significantly reduced energy consumption with these goals, allowing the city to put funds into education. That's something everyone benefits from. 

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A decorative graphic on a page. It features a large, thin-lined circle on the left side. A vertical line runs through the center of the circle, and a horizontal line runs through its middle. The number '6' is positioned in the upper-right quadrant of the circle, centered on the horizontal line. The background is white, with a solid gold vertical bar on the far left and a solid gold vertical bar on the far right. The number '6' is a bold, gold-colored font.

6

MANAGEMENT SYSTEMS

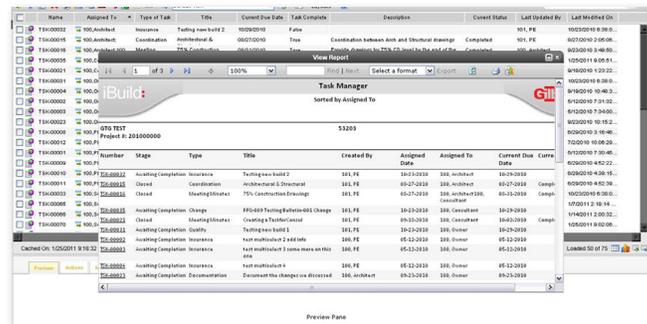
In our efforts to provide optimal service to our clients, we have enabled our employees, customers and project partners to communicate and collaborate with maximum efficiency.

Supporting the best technology requires a wide range of services that are delivered by skilled professionals who understand the impact to construction operations. We provide the following services to ensure Cleveland Heights-University Heights City School District receives exceptional service throughout the life of your project. Our cutting-edge technology construction management systems include:

- ▶ **Document Control:** iBuild
- ▶ **Estimating:** Timberline, ROCTEK
- ▶ **Accounting:** CMiC
- ▶ **Scheduling:** Primavera
- ▶ **Procurement:** iBidPro
- ▶ **Safety:** Handheld SafetyNet System

All users can see activity reports, action items, issues, dates and pertinent job information on one screen which reduces paper, compresses time and increases efficiency.

Gilbane • Ozanne have a proven track record of working as a team with school districts and the local community as well as utilizing cutting edge management and reporting systems to make our projects run smoothly. Our procedures ensure complete project communication and teamwork as well as overall client satisfaction.



iBuild - Task Manager Report

Invoice No.	Invoice Date	Invoice Description	Invoice Amount	Estimated	Invoice	Approved	Current Value	Absence SC Rptg	OWNR Amount
FCI No. TA-0001 - Empire Allowances - Status: POC - Posted: W									
Job: V0289-048 - Color Gablewater North - SMF CORSTR									
Phase Code: 10.00A.000002.TA - Site Logistics & Prep									
Vendor: EMPK002 - Empire Control Abatement Inc. - Contract: V0289-29922									
ALL-1	05/22/12	Exploratory Drones	3,333.00	3,333.00	3,333.00	3,333.00			
ALL-2	05/22/12	Temporary Plywood Fence	18,500.00	18,500.00	18,500.00	18,500.00			
Total for Vendor: EMPK002 - Empire Control Abatement Inc.			21,833.00	21,833.00	21,833.00	21,833.00			
Total for Job/Phase/Category									
Job: V0289-048 - Color Gablewater North - SMF CORSTR									
Phase Code: 10.00A.000002.TA - Generator Work									
Vendor: EMPK002 - Empire Control Abatement Inc. - Contract: V0289-29922									
ALL-3	05/22/12	Temporary Emergency Generator	98,360.00	98,352.00	98,352.00	98,352.00			
Total for Vendor: EMPK002 - Empire Control Abatement Inc.			98,360.00	98,352.00	98,352.00	98,352.00			
Total for Job/Phase/Category									
Job: V0289-048 - Color Gablewater North - SMF CORSTR									
Phase Code: 10.00A.000002.TA - Premium Time									
Vendor: EMPK002 - Empire Control Abatement Inc. - Contract: V0289-29922									
ALL-4	05/22/12	PT Work - 3/4/13-3/7/13	6,219.00	6,219.00	6,219.00	6,219.00			
Total for Vendor: EMPK002 - Empire Control Abatement Inc.			6,219.00	6,219.00	6,219.00	6,219.00			
Total for Job/Phase/Category									
Job: V0289-048 - Color Gablewater North - SMF CORSTR									
Phase Code: 10.00A.000002.TA - Snow Removal									
Vendor: EMPK002 - Empire Control Abatement Inc. - Contract: V0289-29922									
ALL-8	05/22/12	Snow Removal	1,004.00	1,004.00	1,004.00	1,004.00			
Total for Vendor: EMPK002 - Empire Control Abatement Inc.			1,004.00	1,004.00	1,004.00	1,004.00			
Total for Job/Phase/Category									
Job: V0289-048 - Color Gablewater North - SMF CORSTR									
Phase Code: 10.00A.000002.TA - Snow Removal									
Vendor: EMPK002 - Empire Control Abatement Inc. - Contract: V0289-29922									
Total for Vendor: EMPK002 - Empire Control Abatement Inc.			1,004.00	1,004.00	1,004.00	1,004.00			
Total for Job/Phase/Category									
Job: V0289-048 - Color Gablewater North - SMF CORSTR									
Phase Code: 10.00A.000002.TA - Site Logistics & Prep									
Vendor: EMPK002 - Empire Control Abatement Inc. - Contract: V0289-29922									
Total for Vendor: EMPK002 - Empire Control Abatement Inc.			27,500.00	27,500.00	27,500.00	27,500.00			
Total for FCI TA-0001 - Empire Allowances									

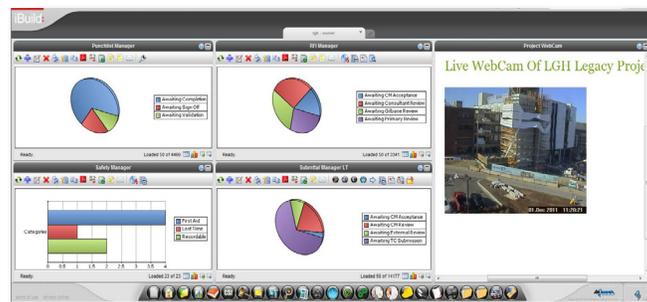
CMiC - Sample Allowance Tracking Detail

CONTRACTOR	ASSIGNMENT DESCRIPTION	RESPONSIBLE CONTRACTOR	PERCENT COMPLETE					COMMENTS / REASONS FOR VARIANCE	AUDITORY
			Jan	Feb	Mar	Apr	May		
...	

Primavera - Work Planning Report

Construction		
Item #: 00012-001	Item Title: DOJ Grant	Item Assigned To:
Item Status: Open		Due Date:
Current Meeting Notes		
There has been a preliminary meeting to review the general scope of the work. There is a follow-up meeting scheduled for tomorrow. A13 and Gilbane will both be in attendance. A13 will also be presenting an added scope proposal to support this work to the building committee for review and approval.		
Gilbane asked that any changes / adds in the science wing be expedited. A13 acknowledged and agreed.		
Item #: 00012-002	Item Title: Klin Exhaust	Item Assigned To:
Item Status: Open		Due Date:
Current Meeting Notes		
One klin is now functional. Exhaust was brought up and terminated thru the roof rather than the sidewall due to ceiling height restrictions. Final enclosure of the duct work on the third floor still pending. Second klin had some pre-existing damage and should be repaired later this week.		
Item #: 00012-003	Item Title: Review of Finishes	Item Assigned To:
Item Status: Open		Due Date:
Current Meeting Notes		
Requests into the trades. Schedule pending.		
Item #: 00001-002	Item Title: Purchasing Update	Item Assigned To:
Item Status: Open		Due Date:
Current Meeting Notes		

iBuild - Meeting Minutes Report



iBuild - Owner's Dashboard

iBuild

iBuild is a comprehensive construction management solution packaged in a single web-based application. iBuild focuses on collaborative team communication, quality, data and electronic workflow management.



Constantly Updated Project Information

Our project information systems are constantly updated as the project progresses. The project team has the ability to access the iBuild system through the web or with tablets and smartphones in the field. This accessibility provides the project team, Cleveland Heights/ University Heights City School District, and the design team with the most accurate information to make informed decisions and guide the project to completion.

iBuild - Project Management and Information Systems

As a leader in delivering construction management services in an integrated team approach, Gilbane • Ozanne has developed a one-stop project management application that is capable of sharing project information between systems and project team members - **iBuild**.

iBuild focuses on collaborative team communication, quality, data and electronic workflow management. Our clients and project partners have experienced increased efficiency, improved communications and centralized document management solutions with iBuild. This system can be customized to meet the school district’s reporting and communication needs.

iBuild changes the entire landscape for construction management while improving team productivity and communications for our clients. Project team members can now enter up to 40 different types of information through portable tablets in the field. Real-time reporting of safety and quality information, RFIs and potential change items, punch lists and drawing markups allow our teams to streamline communications.

Functions

Construction Phase	Inspections and Test Manager		Replacement of paper-based inspections which allows for interactive review of any type of work. Includes automatic notifications to invited parties prior to the meeting. Links with appropriate submittals and RFIs.
	Contractor Daily Work Log		Each trade completes their own information on the work performed on site for the day. Includes detailed manpower, links to inspections, tasks and equipment.
	Punch List Manager		Tracking of final punch list for the project while keeping closed RCL items separate. All open RCL items can be promoted to punch list items and tracked under this list. Items can be spatially indexed via mapping to a drawing in Smartviewer.
	Submittal Manager		Generation and management of submittal register with automated workflow to handle the routing of packages, collect dates, track the architect’s responses, and manage revisions as needed.
	RFI Manager		Used to create and manage RFIs, customizing the workflow to meet your specific needs, such as handling multiple reviewer answers, and various answer functionality for architects. RFIs can also be mapped on drawings with a Pushpin to easily communicate location to our project team members.
	Master Daily Work		Single log of all TC daily work logs combined with tracking of Gilbane personnel and visitors to the site. Includes weather details and other overall project notes. Workflow includes PM/Supt. approval of daily work reports.
	Contract Doc. Manager		Manage all your drawings, specifications, narratives, and sketches centrally with drawing metadata, versions and revisions, check-in / check-out, and a full audit trail. Each associated file is easily opened within Smartviewer for review.
	RCL Manager		Identify and track the list of items requiring completion with automatic notifications to responsible parties. Items can be spatially indexed via mapping to a drawing in Smartviewer.
	Bid Package Manager		Identification and tracking of the bid packages associated with the project. Companies, individuals, and CSI codes are all tagged to a specific bid package.

Capabilities

iBuild is the Ultimate Collaboration Tool



Improves

Communications

Expedites the turnaround time for problem resolutions by providing immediate access to all team members regardless of geographic constraints. It also provides the convenience of communicating with project team members online for minor issues without having to arrange meetings.

Enhances

Information Flow

Enables online updates and access to all pertinent project data such as schedules, safety logs, RFIs, rolling punch lists, submittals, requisitions, meeting minutes and project reports. It also allows information, updates and requests to be routed immediately through an online system.

Promotes

Cost Savings

Saves storage costs and related charges over the term of legally required archival storage by replacing numerous file cabinets with a minimal number of optical storage disks. It also reduces travel costs by allowing online communications with remote team members, and provides a means for quicker decision making to save overhead costs and project time.

Uses Resources

Effectively

Through the use of online systems, personnel can respond to requests, complete reports and process claims, payments and other documents more effectively to save time, increase productivity, reduce redundancies in procedures and complete the project more efficiently.



**Project Management
Information and
Accounting Systems**

We utilize our proprietary iBuild Project Management Information system and a customized CMiC Enterprise Resource Planning program for cost control. This powerful system combines the many elements of our entire accounting system into a single centralized program.

CMiC - Cost Control

Gilbane • Ozanne utilizes the CMiC Enterprise Resource Planning (ERP) system for cost control. This powerful system combines the many elements of Gilbane • Ozanne’s entire accounting system into a single functioning program. Through this system, we are able to generate accurate monthly cost reports in a timely manner to keep our teams and Cleveland Heights-University Heights City School District staff up-to-date on the status of the project and make management decisions on an informed basis. The CMiC system provides flexibility in terms of detail, format and ability to share information with our field-based project management system, iBuild.

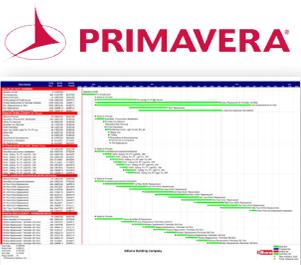
iBuild in turn provides the capability to ensure secure access to the budget and cost information as desired by the Cleveland Heights-University Heights City School District.

Gilbane • Ozanne’s accounting system provides a number of efficiencies to the accounting function. Whereas other systems require multiple points of entry and duplication of entry for the system to function, the Gilbane financial management system is designed for information to be entered once. In addition to reducing the cost of accounting, the single entry of information has provided greater accuracy. The specific reports used on a project are a function of the size and complexity of the project, as well as Cleveland Heights-University Heights City School District requirements.



Interactive Planning Session

Working collaboratively with the entire project team is the key to a successful project.



Primavera Schedules

Oracle's Primavera scheduling software better facilitates the planning process by using graphical tools and techniques in an interactive fashion to create a consensus plan.

Scheduling Systems

Gilbane • Ozanne understands the importance of the accuracy and predictability of schedules. Having proven data to rely on for informed decision-making can make all the difference. We will utilize Primavera software to develop our Critical Path Schedule. These schedules are updated weekly.

The level of scheduling detail depends on the specific project and project requirements. In our view the more detailed the schedule the better. Scheduling controls that we utilizes include:

- ▶ Project Master Schedule.
- ▶ Design Review / Bid / Award Schedules
- ▶ Pre-Bid Construction Schedules
- ▶ Detailed Construction Schedules
- ▶ Short Interval Work Schedules

Unique Interactive Planning Sessions

We have developed a collaborative scheduling approach to achieve buy-in and produces a schedule the entire team will use as a tool. This is an interactive team planning session and process, and is conducted early in the design phase. This process is facilitated by the project executive and includes project management representatives from Cleveland Heights-University Heights City School District, designers, engineers, trade contractors and other project stakeholders.

This unique approach assembles all team members in one room to evaluate specific responsibilities and when they must be accomplished. The session is designed to focus on teamwork, realism and individual accountability. The result of the session is a well-developed master schedule with buy-in from the entire project team.

Upon completion of the IPS, our scheduler, Dave Paully, loads the activities into Primavera and create Critical Path Method (CPM) master project schedule. The CPM master schedule represents the overall project strategy, objectives and activities set to time scale. It is the framework from which all project time control information is developed. It also serves as a baseline against which project progress is measured. The master schedule is distributed to all project stakeholders in both a summarized and detailed format. Our team will work closely with Cleveland Heights-University Heights City School District and the design team to review, evaluate and refine the master schedule.

Gilbane's master project schedule will include:

- ▶ Formalizing the design schedule
- ▶ Formalizing preconstruction deliverables schedule
- ▶ Optimal sequencing of construction activities
- ▶ Phasing requirements
- ▶ Permit and approval requirements
- ▶ Long-lead purchasing needs
- ▶ Trade contractor procurement strategy
- ▶ Commissioning program

Scheduling Control During Construction

There are a series of procedures that our proven team will utilize to ensure work progresses per the project schedule. First, our standard subcontract document ties the trade contractor to start and completion dates that were defined in our project schedule so these dates become bound for performance. Next, the schedule does not remain static, as part of the monthly progress of the work the master schedule is updated and distributed to the team. This update is facilitated by information derived from our weekly trade contractor coordination meetings where schedule is

a major topic. At these coordination meetings, the project team develops and presents a short-interval “Look-Ahead” schedule to break down the work activities into greater detail to identify the specifics of each larger component. This smaller scale process allows the trade contractors to focus on what is happening right now, as well as assisting with forecasting the manpower and materials that will be needed in the immediate future. This process enables our field team can ensure that adequate resources are allocated to maintain the project schedule.

District & Community Communications and Student Inclusion

We strive to be a part of the community and the district, and on our projects have implemented many programs to foster communication and teamwork, such as: student inclusion initiatives, mentoring programs, developing press releases, articles for local media, local and national trade periodicals, and planning and organizing ground breaking and dedication ceremonies, and more. We always encourage districts to consider some form of student inclusion activity as these programs offer students a chance to get involved with the construction process of their schools. This commitment and involvement gives them a sense a pride and ownership in their school.

School facility additions and renovations can be disruptive for students and faculty, but with the use of student inclusion programs during construction, the project can become a real-life learning experience, which turns distractions into teaching tools, and actually enriches the educational program. We have utilized many different approaches and activities on past projects including:

- ▶ **Ground Breaking and Ribbon Cutting Ceremonies** – In addition to the administrators/faculty/school board members, students turn over the first shovel or cut the ribbon. Recently at Wapakoneta City Schools, we assisted the district as they planned four ground breaking ceremonies in a single day. Hundreds of community members and students were able to participate in the events.
- ▶ **Topping Out Ceremonies** – Students are asked to sign the final “topping out” beam. Normally, a beam is signed by all of the tradesmen working on a building just before the last steel member is hoisted into place. By having the students sign the beam, they can feel that they have left their mark on the building.
- ▶ **School newspapers/community newsletters** – A variety of communication mediums can be utilized during the life of a construction project to keep the students and community informed and abreast of project progress. One medium we proposed to the Galion CSD was a monthly newsletter. At another project, two students were selected monthly from the fifth-grade class to meet with our on-site project manager for an update on their new school’s construction progress. The two fifth graders were then responsible for writing a construction progress article for their school newspaper.
- ▶ **Classroom lessons** – In conjunction with teachers, we can assist in developing creative lessons for multiple grades and different subjects. Each session could involve reviewing the construction in progress and answering questions from the students. Lessons include topics on construction tools and equipment, careers and job specialization, and math related topics.

The following page is a sample newsletter that communicates construction progress to the Piqua City School District and local community.

Additionally, the performance of the Gilbane • Ozanne team on similar projects in Cleveland is evidenced by the positive performance evaluations included at the end of this section.

Student Inclusion Program for Wapakoneta Local School District and Danville School District



Galion City School District Project Update

Community Construction Newsletter July 2006

Where Does the Money Come From?

Sources of Construction Funds

The Galion community is not the sole provider of funds for our construction program. The Ohio School Facilities Commission (OSFC) is contributing 76 percent, or nearly \$38.2 million, toward construction while Galion tax payers are contributing the remaining \$12 million, or 24 percent. The community funds were made possible following the passage of a 6.84 mill bond issue in 2003.

\$38.2 million	\$12.0 million
OSFC	Galion Tax Payers

The OSFC was founded in 1997 to provide funding and construction support for the 612 school districts throughout Ohio. Its mission is “to provide funding, management oversight, and technical assistance to local school districts for construction and renovation of school facilities in order to provide an appropriate learning environment for Ohio’s school children.”

(Note to Readers) This newsletter is a publication created to inform the Galion community of important aspects of the school construction program.

One of Ohio’s Largest K-12 Campuses

Construction is well underway on Portland Way North where the new high school (grades 9-12), middle school (grades 6-8), and two new elementary schools (grades PK-2 and 3-5) will soon occupy the 40 acre site. The \$50.2 million project is one of the largest, single-campus K-12 building programs in Ohio.

Currently working on the new high school, six trade contractors are on site and with an average 80 tradesman per day. As the project continues to move forward with all four schools, there will be approximately 20 firms and an average of 200 tradesmen on site per day at the peak of construction.

The project team consists of four primary entities with each working to ensure the Galion community can be proud of its new facilities. Galion City Schools and its board of education and community groups are deeply involved in all aspects of the project. The Ohio School Facilities Commission (OSFC) has assigned a project administrator and ensures that the state and local funds are being used appropriately (see sidebar) and that the building is designed to the guidelines outlined in the Ohio School Design Manual. Gilbane Building Company is serving as the construction manager and provides on-site supervision of the trade contractors and strives to keep the project safe, on-budget, and on-schedule.

Fanning/Hovey Associates’ role as architect/engineer for the complex is to design the site, buildings, and engineering systems to provide functional and attractive facilities for the community.

Throughout the building process, the team members will partner with the community to schedule site tours and student inclusion activities to allow the construction to serve as an educational tool for the students.

The **Gilbane** *Gossip*

A newsletter for the neighbors of our project

Hello neighbor! They say good fences make good neighbors. However, we believe good communication makes for good neighbors. Gilbane will be providing you updated information on our projects through our news letter, *The Gilbane Gossip*.

You may have started to notice some activity outside your windows on the Washington and Springcreek project sites. Over the next few months you will see earth movers cutting and shaping the ground to the finished grade, gravel being placed and compacted for the future roads and parking lots, concrete foundations being poured, and lots of masons laying the block walls for the new school. The plumbers and electricians will also be busy roughing in underground utilities and working with the masons to get utilities roughed in the block walls.

Springcreek: Since our groundbreaking ceremony on May 15, 2013 (photos below), the contractors have been busy at the new Springcreek Elementary site working on site work, underground utilities, concrete foundations, and even masonry walls are being constructed. The existing Springcreek building will remain in operation until the new building is completed.

Washington: Activity is just beginning at Washington. Now that school is out, contractors will begin installing temporary construction fencing and mobilizing in preparation for construction of the new school. The existing Washington building is scheduled to be abated and demolished this summer to make way for the new Washington Elementary. Over the next few months contractors will be performing site demolition of trees and site furnishings, stripping the topsoil, earth moving, and constructing the future building pad.

I am sure you are aware that construction projects can sometimes be dirty and noisy. We want to assure you that we will do our best to keep these temporary inconveniences to a minimum as we construct these new school buildings that will serve the Piqua community and students for generations to come.

Lastly, as Construction Manager, Gilbane wants all aspects of your project to be a success. Our “Gilbane Cares” approach means that in addition to managing schedule and quality, we also want each worker to be able to go home at the end of each day safe and sound to their families. There is nothing more important to Gilbane than the safety of everyone involved with our construction projects. We view everyone involved as family, including the neighbors of our sites.

Please feel free to contact me directly with any questions or concerns you may have throughout this journey.

Sincerely,

Chad R. Stevers

Chad Stevers | Sr. Project Manager | **Gilbane Building Company** | 419-304-2638 | cstevers@gilbaneco.com



Gilbane  **Cares**
Because we're all one family.



OHGR (Ozanne, Hammond, Gilbane Regency) Past Performance Ranking Summary – Cleveland Schools

The following performance ranking summary is the average of OHGR's past performance rankings by OSFC (now OFCC) and CMSD management from 2005 to 2011 (Craig Weise, Bill Prenosil, Fred Ahlborn, Tamara Rachel, Gary Sautter). These rankings demonstrate our team's leadership abilities and qualifications. Also included is the last evaluation of OHGR's performance completed by Gary Sautter, Deputy Chief of Capital Projects,

OHGR's scores went up in 32 of 36 categories since 2005. OHGR's management consistently improved as we gained more experience with the OSFC, CMSD, and the challenges associated with managing an urban school district's capital program.

Working closely with OSFC project administrators and CMSD has enabled us to work collaboratively with the co-owners to provide continuity through the changes in leadership and other adjustments to the program.

CLEVELAND METROPOLITAN SCHOOL DISTRICT

OSFC Performance Evaluation Summary 2005 - 2011

Category	2005 Average	2006 Average	2008 Average	2011 Average	Total Average
I - Management Performance					
Overall Effectiveness	3.25	3.50	4.00	4.00	3.69
Leadership	3.00	3.00	4.00	4.33	3.58
Scope Management					
CM's knowledge of the master plan scope of work	3.50	3.50	4.00	4.33	3.83
CM's ability to identify scope that is outside of the Master Plan	3.00	3.50	4.00	4.00	3.63
CM's ability to track and manage changes in scope	3.13	4.00	4.00	4.00	3.78
CM's effectiveness in supporting the Master Plan update process	2.88	2.50		5.00	3.46
Cost Management					
CMs ability to manage the project budget	3.63	4.00	3.00	2.67	3.32
CM's ability to track costs and expenditures	3.38	4.50	4.00	3.33	3.80
Accuracy, Clarity and timeliness of cost reporting	3.25	3.50	3.00	3.00	3.19
CM's ability to provide accurate cash flow projections	3.13	2.50	3.00	4.00	3.16
CM's ability to track and manage changes in the project budgets	3.25	3.50	4.00	4.00	3.69
Schedule Management					
CM's ability to develop realistic project schedules	3.00	3.50	4.00	3.67	3.54
Timeliness of updating and maintenance of the schedule	3.00	3.50	4.00	3.67	3.54
Effectiveness of the CM in managing the team to remain on schedule	3.25	3.50	4.00	3.67	3.60
Contract Administration Controls					
Timeliness of the CM to issue meeting minutes	3.00	4.50	4.00	4.33	3.96
Effectiveness and timeliness of the CM's monthly status reports	1.75	3.50	3.00	4.33	3.15
Timeliness of the CM in updating the OSFC CM website	2.38	3.00		4.00	3.13
Timeliness and quality of the CM's design phase submissions	3.00	4.00	3.00	4.00	3.50
Accuracy of the CM's estimates	2.63	3.50	3.00	2.67	2.95
Timeliness of CM to process submittals	3.13	3.00	4.00	4.00	3.53
Timeliness of the CM to process RFI's			3.00	4.00	3.50
Accuracy and timeliness of the CM processing change orders			3.00	3.33	3.17
Closeout Management					
Effectiveness of the CM to resolve open issues during closeout			3.00	2.50	2.75
Quality and timeliness of CM Closeout documentation			4.00	2.50	3.25
Management Performance (Average)					3.45
II - Implementation Plan Management					
Management of Contract					
CM's ability to manage and update the implementation plan	2.33	2.00	4.00	4.00	3.08
Strategic considerations within the staffing plan	2.63	2.50	4.00	3.67	3.20
Staff Development					
Adequacy of CM training of staff	2.88	3.00	4.00	4.00	3.47
CM's development of a staff succession plan	2.63	3.00		3.00	2.88
CM's consideration and development within AUI project	2.75	3.50		4.00	3.42
CM's ability to maintain morale of the team	2.75	3.00		4.00	3.25
Implementation Plan Management (Average)					3.32
III - Technology					
Effectiveness					
CM's expertise and effective use of technology	3.75	4.00	4.00	3.67	3.85
CM's creativity in using technology	3.50	3.50	4.00	4.00	3.75
Technology (Average)					3.80
IV - Supplemental Management Strategies					
Emergency Response/Safety					
Effectiveness and thoroughness of CM's emergency response plan	3.75	4.00	4.00	4.00	3.94
Communications					
Effectiveness of the CM's communication with District reps	3.50	3.00	4.00	4.33	3.71
Effectiveness of the CM's communication plan when responding to community feedback and information requests	3.25	3.25	4.00	3.67	3.54
Effectiveness of the relationship and communication between the CM team and the Architect/Engineer			4.00	4.00	4.00
Effectiveness of the relationship and communication between the CM and the Trade Contractors			3.00	4.00	3.50
Core Team					
CM's strategies for managing multiple architects/engineers	2.63	3.50	5.00	4.00	3.78
Student Involvement					
CM's student involvement program to encourage careers in construction	4.38	4.00		4.50	4.29
Quality Control/Quality Assurance					
Thoroughness and communication of the CM's quality assurance plan	2.75	3.50	4.00	3.50	3.44
Effectiveness of the CM implementing quality control measures during the design phase	2.63	3.50	3.00	3.50	3.16
Effectiveness of the CM implementing quality control measures during the construction phase	3.25	4.00	3.00	4.00	3.56
Effectiveness of CM implementing quality control measures during the close-out construction phase?				4.00	4.00
Supplemental Management Strategies (Average)					3.72
Overall Average					3.50

**OHIO SCHOOL FACILITIES COMMISSION
Construction Manager Proposal
Evaluation Form**

CM Firm: OHGR

Group: _____

Evaluator's Name: Gary Sautter, Dept. Chief Capital Programs, Cleveland Schools

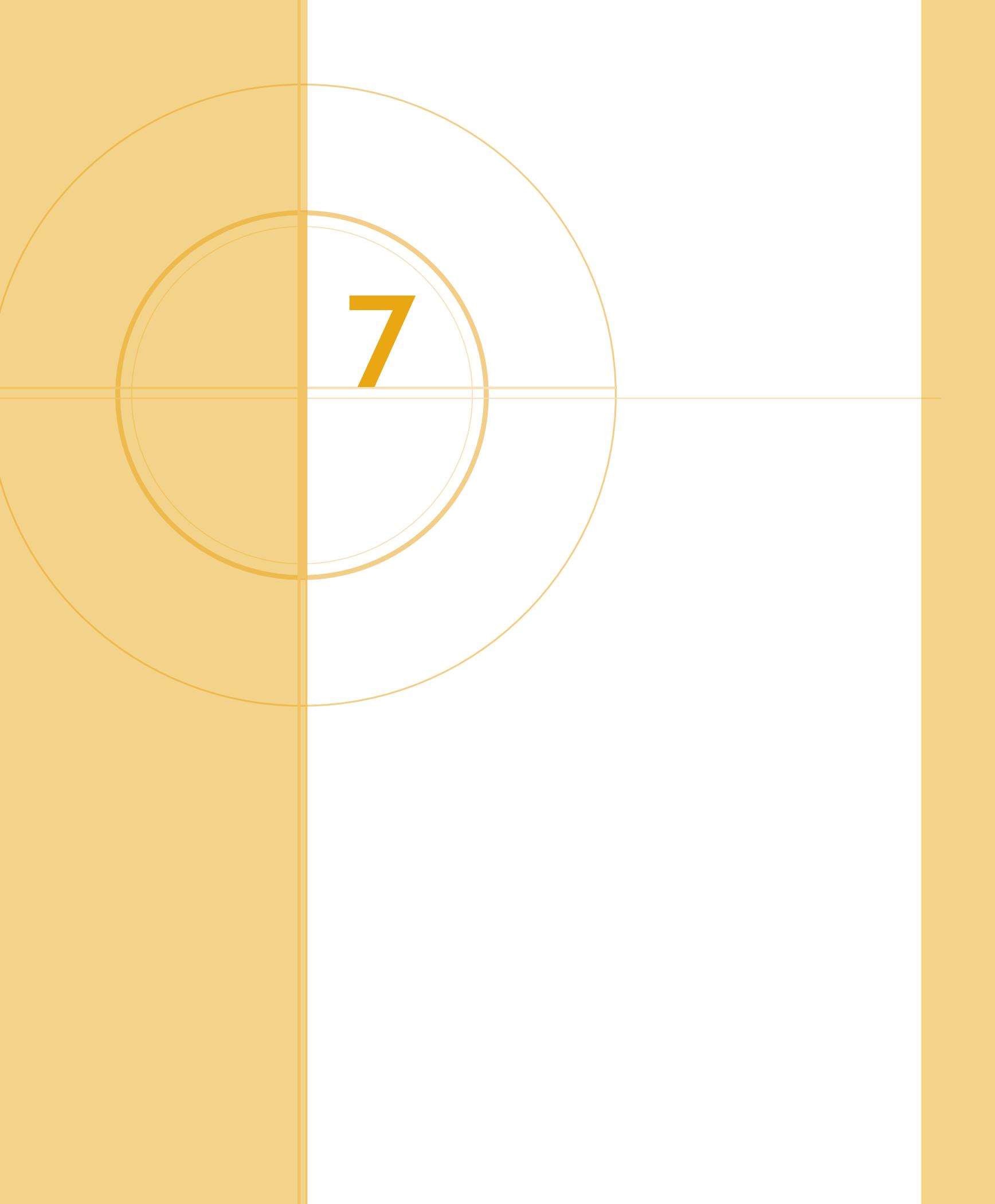
			VALUE	SCORE
A. PROFILE - STAFF ASSIGNMENTS 30 Points	Project Manager	Experience / ability to manage scope / budget / schedule / quality/ ability to work cooperatively and responsively with Commission staff and core team members	0 - 10	9
	Project Superintendent	Experience / ability to identify / solve issues during construction / ability to manage and coordinate trade contractors	0 - 10	9
	Availability of Staff	Capacity of the firm to effectively manage the project / availability of staff identified in the proposal through project completion / historical trend of project staff remaining with a project through completion	0 - 10	9
Commitment for EDGE Business Enterprises 10 Points	5% EDGE Participation	Use only one category to score	2	2
	6% - 10% EDGE Participation		4	
	11% - 15% EDGE Participation		6	
	16% - 20% EDGE Participation		8	
	21% + EDGE Participation		10	
B. ABILITY TO PROVIDE QUALITY ADMINISTRATION 110 Points	Knowledge of OSFC Policies & Procedures	Experience with Design Manual / experience with CM website / knowledge of contracting structure / familiarity with OSFC policies, procedures & best practices / management of expectations as they relate to OSFC policies & procedures	0 - 10	9
	Understanding School Construction & Public Owners Requirements	Experience with the complexity of school construction in K-12 environment / working with Boards of Education / comprehensive building program / managing construction in a metropolitan or rural environment (as applicable)	0 - 10	9
	Budget Management	Ability to manage project within the master plan budget/ accuracy of estimates/ management of expectations/ management of value engineering/ frequency of amendments & change orders	0 - 20	18
	Design Schedule Management	Ability to coordinate with the Design Team and Owners in the development / management of the approved design schedule. Ability to manage owner expectations in the establishment of a realistic design schedule and prevent delays of approved design schedule.	0 - 10	9
	Construction Schedule Management	Ability to coordinate the Prime contractors scheduling input to successfully achieve approved schedule by all parties as or when required / manage the project schedule and updates to meet all milestone dates / complete the project on time according to the approved baseline schedule	0 - 10	9
	Problem Solving & Dispute Resolution	Ability to resolve issues between parties / ability to provide leadership in resolving problems and disputes / professionalism in manner of resolving problems and disputes/ability to resolve issues at project level	0 - 10	9
	Facility Occupancy Plan	Experience and demonstrated ability to manage major system equipment start-up process / coordinate Commissioning Agent involvement / administration of training and closeout documentation / management of Owner turn-over process	0 - 10	9
	Occupancy & Post-Occupancy Issue Resolution	Ability to recognize and resolve quality or missed scope items immediately/ management of 72 hr notice process/ ability to resolve punch list in a timely manner/ ability to resolve issues before 11 month walk through	0 - 10	9
	External/Internal Communications & Responsiveness	Responsiveness to core team members / requests for information / public records requests, all in a timely and complete manner	0 - 10	9
C. CM PAST PERFORMANCE 50 Points	Past Performance - Project Management	General project administration / documentation and record keeping / meeting facilitation / management of contractors / management of onsite coordination issues / onsite safety record / project reporting / website management / recommendations for awarding contracts	0 - 20	19
	Past Performance - Program Management	Executive level issue resolution / ability to lead project team in design and construction / contract and documentation management / claims management / program reporting and contract tracking / accuracy of estimates / effective management of owner interests / attainment of previous EDGE participation goals	0 - 10	9
	Contracts Compliance & Management	Positive track record regarding recommendation of trade contractors for contract award / ability to resolve trade contractor and quality issues in a timely manner / ability to manage contractor claims process	0 - 10	9
	Closeout	Experience / ability to manage and reconcile project construction fund in an accurate and timely manner / reconciliation of project budget / ability to achieve project closeout in a timely manner	0 - 10	9
	Total Score:			200

Comments:

OHGR has constructed \$526 million dollars of school build. They have been consistently successful in all phases of construction. They are respected and trusted for effective leadership with others and delivery of service in an ethical, legal and policy compliant manner.

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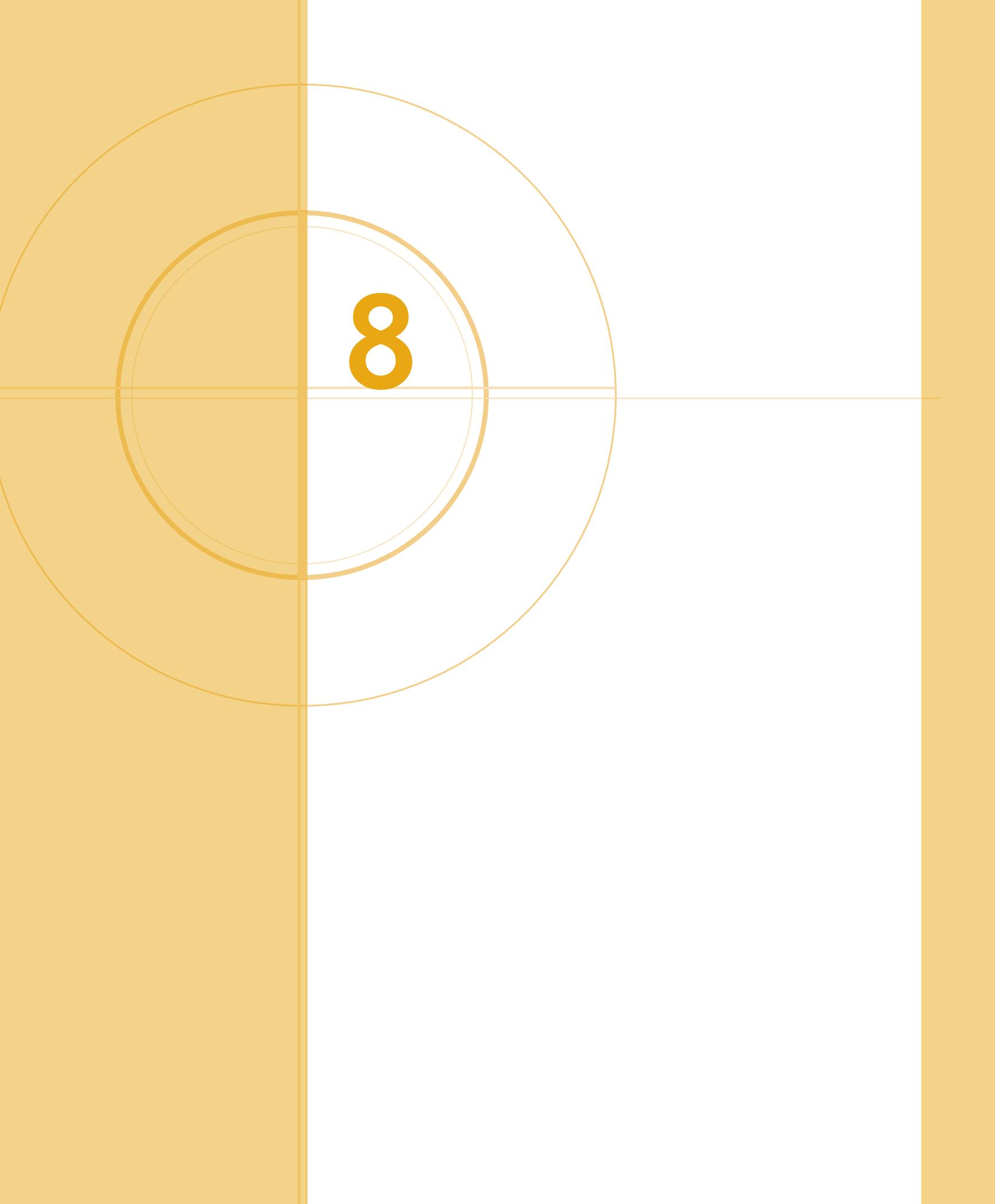
SELF PERFORMED WORK

Ozanne is signatory to the Laborers and Carpenters local unions. We have the capability to self perform general condition items such as clean up and safety items. We also have the capabilities to perform carpentry and other trades.

We intend to competitively bid trade contractor work. In order to obtain the best pricing for a job, we recommend competitively bidding the trade contractor work. We have found that the trade contractors who are specialists in the specific areas of work involved provide us with their best competitive pricing when there is no concern that the construction manager is only using them for pricing, intending to perform the work ourselves.

Rather than self-performing any significant trade work, we proposes to make maximum use of the available local labor and materials marketplace. This policy, in our opinion, removes any conflict of interest and best serves the Cleveland Heights-University Heights City School District in all aspects.

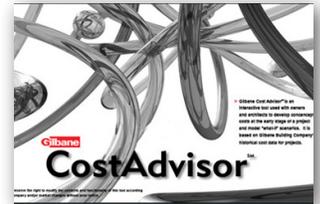
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8

ESTIMATING

Our project team can bring two unique, proprietary estimating tools that will benefit Cleveland Heights-University Heights City School District in lowering overall project costs of the Cleveland Heights High School project during preconstruction. The CostAdvisor K-12 programming level cost modeling tool and the Interdisciplinary Document Coordination process are tools that are proven in saving our clients money.



CostAdvisor Overview

CostAdvisor is an interactive tool used for conceptual cost modeling of proposed facility programs, involving new construction or renovation. Based on our historical cost data for projects, the CostAdvisor forecasts construction cost for a proposed conceptual program based on information at the early stages of a project including the department gross square footage, building footprint, number of stories, location, and a general idea of the Basis of Design for the exterior and interior. Used interactively with owners, architects and our preconstruction team; CostAdvisor illustrates construction costs and total project costs by technical space program area.

- ▶ How can we help you work smarter, faster, and more accurately?
- ▶ How can we help you see into the future and build the best higher education facility for your needs and your budget?
- ▶ How can we get everyone on the same page to avoid costly surprises down the road?

We ask questions like these every day. Our CostAdvisor is one of the solutions we have come up with to fit your needs. Over 55 education projects, with a construction cost of \$2 Billion of various building types including academic classrooms, sports and recreation centers, administrative space, dining/residence halls, library, and laboratories, to list a few, are currently loaded in the CostAdvisor.

"What-if" Scenarios

The CostAdvisor is flexible and used to analyze "what-if" scenarios on a program or building system level. It is user-friendly, and easy to read, understand and present. The system is normalized by time and location.

The application of the CostAdvisor is best served at the program level of a project. The process typically occurs through a series of meetings, where our preconstruction team explores the project's mission, goals, and concepts in order to assign value to these elements. As a national leading builder, we possess a comprehensive database of cost information. Valuable data extracted from several billion square feet of construction in the past five years alone is cataloged, categorized and indexed to maximize the facility program.

Results of utilizing the CostAdvisor have included Design Documents that are within 2% of the CostAdvisor conceptual cost model.

What if I...



CostAdvisor Benefits:

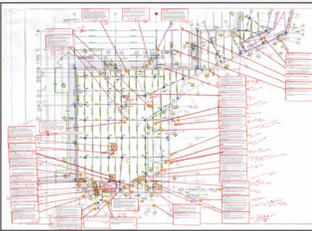
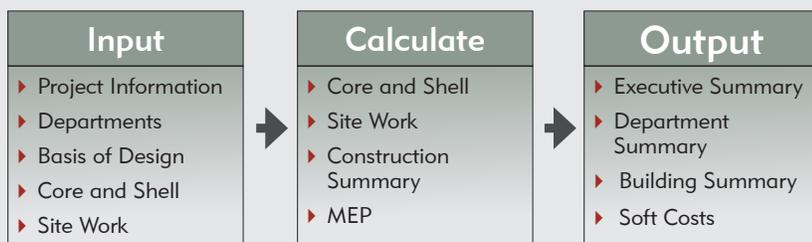
- ▶ Provides early cost information by technical program space or building systems to assist informed decision-making
- ▶ Enables real-time "what-if" options analysis
- ▶ During Fundraising Activities it allows owners to accurately forecast project budgets prior to incurring design costs
- ▶ Allows owners to accelerate the project given quicker decision-making and less re-design
- ▶ Based on historical data with local market input to provide a confident early budget

COST ADVISOR CASE STUDY: NEW HAVEN SCHOOL CONSTRUCTION PROGRAM, NEW HAVEN, CT

We developed the CostAdvisor system to assist Owners in establishing and controlling budgets for K-12 projects during the planning and early design phases. We started using CostAdvisor in New Haven in 2007, providing estimates for schools in New Haven, Syracuse, Rochester, and other educational projects throughout the Region. CostAdvisor was actively used for early cost control on the \$33 Million Amistad K-8 Renovation/Addition project which began in the planning and conceptual design of the school during design/development. The project ended up being completed this past summer nearly precisely as estimated using CostAdvisor, within a 1-2% tolerance.



COST MODEL PROCESS



Interdisciplinary Document Coordination

Interdisciplinary Document Coordination (IDC) is a preconstruction service designed to identify, track and communicate document coordination issues to the design and project teams prior to procurement and construction. IDC reduces unnecessary requests for information (RFIs), change orders and project delays; improves relationships among owners, architects, engineers and contractors; and enhances the QA/QC process by allowing design teams to provide collaborative feedback.

Interdisciplinary Document Coordination Benefits:

- ▶ Reduces the amount of bidder questions and RFI's.
- ▶ Better documents result in more consistent and competitive subcontractor bidding.
- ▶ Historically – Construction Phase RFI's are reduced by 60%.
- ▶ Customers can expect a 7 to 1 return on costs avoided change orders versus initial review expenditures.

IDC was created to address coordination issues within the context of construction management services. It is a separate department from other preconstruction or construction services within Gilbane. Depending on the schedule, an IDC review and dissemination of results can be conducted in a manner that meets the project's specific needs.

500-Step Checklist

Utilizing a 500-step checklist, supplemented by lessons learned and best practices, IDC is a rigorous, systematic, step-by-step analysis of the plans, specifications, bulletins, addendum and other related contract document information.

- ▶ **Physical**
 - Will it hit? Will it fit? (i.e. ducts clashing with steel, above ceiling congestion)
- ▶ **Functional**
 - Does it work? (i.e. 120 volt VAV box circuited to a 120/208 volt panel)
- ▶ **Scope**
 - What does it need to work? (i.e. How is the curtainwall attached to the superstructure? Who owns this? Is the responsibility for site utility trenching and tie-ins identified?)
- ▶ **Life Safety Review and Recommendation**
 - IBC, NFPA and life safety compliance (executed by Certified Fire Protection Specialist)

Cost Estimating Process

Successful projects are built upon solid estimating and budget development based on a clear understanding of the intended scope, the desired schedule and the project team's expectations. Our experienced preconstruction team will draw upon a vast company-wide database of current pricing using powerful cost management tools to develop accurate and reliable cost models.

Document Review

Our estimating team is comprised entirely of in-house experts in the architectural, structural, civil, mechanical and electrical disciplines. They will examine the project documents, such as drawings, specifications, addenda, project budget, schedule, contracts and RFIs. We review the documents to:

- ▶ Ensure that they are complete, noting any missing information and following up accordingly
- ▶ Understand their intent
- ▶ Divide the facility into logical subcomponents that can be quantified and priced
- ▶ Utilize the agreed-upon work breakdown structure for the project

Quantity Takeoffs

On-Screen Takeoff

The estimating team uses On-Screen Takeoff software to effectively quantify all materials on the project by creating color-coded drawings to identify conditions and their quantities. Gilbane • Ozanne utilizes this powerful software to increase accuracy and team efficiency with streamlined project setup, color-coded quantities on drawings, quickly manipulated takeoffs, and easily document RFIs.

BIM Quantity Survey/Estimate Integration (5D)

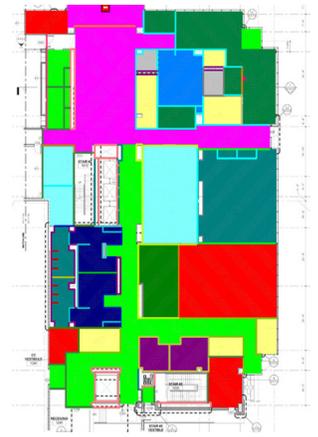
Our virtual construction engineers can integrate cost data into the BIM once the model has matured and attribute data is embedded. This inherent intelligence is then surveyed and leveraged in conjunction with our cost estimating systems for cost analysis. Counts, lengths, areas and volumes can be generated directly from the model in a matter of minutes and hours as opposed to days and weeks.

ROCTEK Site Quantities

ROCTEK is an estimating software which allows us to quantify alternative site development and phasing scenarios with their associated cost implications. The software accounts for site conditions and allows the project team to have cutting-edge information in making decisions related to site issues.

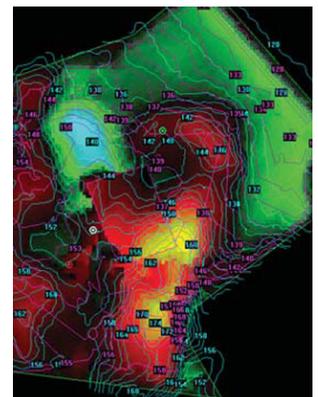
Timberline Cost Estimates

Our estimating software, Timberline, facilitates our detailed approach by maintaining libraries of detailed cost elements and managing large databases that are populated and continuously updated with cost information gathered from actual current company-wide costs data.

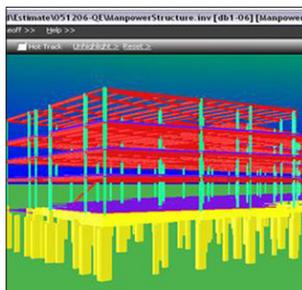


On-Screen Takeoff

Simplify the estimating process with color-coded quantities on drawings.



ROCTEK Site Quantities
Color-code soil and rock quantities to determine best use of the project site.



Timberline Estimating Software

This efficient software loaded with extensive Gilbane • Ozanne current cost libraries, enables our estimators to spend more time researching and analyzing your project, resulting in more accurate cost information and the best possible balance of scope and cost.

The estimating team determines pricing based on our current cost database, subcontractor/supplier input, as well as the following factors:

- ▶ Conditions and circumstances surrounding the subcomponent
- ▶ Material quantity
- ▶ Market conditions
- ▶ Escalation

Cost Estimate Reports

Timberline produces detailed estimates that can be configured in a wide range of formats, such as Uniformat (by system), CSI (by trade), program area or custom formats. Our cost estimate reports document any assumptions, exclusions, clarifications, alternates or constructability issues that were used to determine pricing. We will utilize the agreed-upon work breakdown structure for the project from the estimate to the cost report.

Estimate Trending Log

One of the most effective methods of communicating the project's status is through our estimate trending log. This log is presented to clearly communicate pending and accepted changes from the previous estimate. As a team, we use the trending log to minimize cost surprises. Early warning of adverse trends is important to maintaining cost, schedule, and to avoid and re-do of the design documents. The goal is to immediately correct the project course so that both time and money are not wasted with futile documentation.

Cost Estimate Types

Depending on your needs, Gilbane • Ozanne can provide complete estimates at all major milestones with increasingly more detailed and accurate information to ensure the project is being designed within your budget constraints. We are fully prepared to deliver the programming, schematic, and design development estimates as required.

ESTIMATE TYPES
<p>Schematic Design (SD) Estimate</p> <p>The SD estimate builds on the established program budget by organizing costs by major construction elements. The estimating staff develops a detailed statement of construction costs based on a quantity survey of the schematic design drawings and specifications.</p>
<p>Design Development (DD) Estimate</p> <p>Using quantity surveys from the enhanced design development documents - mechanical, electrical, and plumbing documentation begins to materialize. Because there is more detail for specific project components, the accuracy of the estimate is increased and allowances become real numbers, and contingencies begin to be reduced. A full cost report will be provided at this time.</p>
<p>Construction Document (CD) Estimates</p> <p>The CD estimates are the final major pricing efforts. They reflect the impact of changes that occur following the DD estimate. CD documentation is detailed and complete, thus, the construction cost is very detailed. This estimate is sorted to reflect the bidding strategy (bid packages) and provides the information required to establish bid alternates.</p>

Demonstrated Capability of Estimating

Gilbane • Ozanne have a proven track record of successful estimating in schematic design and design development phases on K-12 projects similar to this Cleveland Heights High School project. Estimating reports for similar projects in the recent CMSD Segment Five program are included on the following pages.

ALMIRA Bid 04.12.12				AWARD			\$ DELTA	% DELTA	BID		
64,297	MP	CD Estimate	LOW BID	MEDIAN	HIGH	LOW BID-EST	LOW BID/EST	\$/SF			
Sitework	\$1,208,780	\$643,218	\$785,000	\$814,483	\$869,000	\$141,782	22.04%	\$12.21	Hard Costs per SF	\$208.97	
General Trades	\$8,930,003	\$6,302,835	\$6,296,000	\$6,596,825	\$6,825,000	(\$6,835)	-0.11%	\$97.92			
Fire Protection		\$144,205	\$189,795	\$243,398	\$297,000	\$45,590	31.61%	\$2.95	Soft Costs per SF	\$28.70	
Plumbing		\$925,337	\$744,000	\$801,600	\$840,000	(\$181,337)	-19.60%	\$11.57			
HVAC		\$1,746,872	\$1,976,000	\$2,068,000	\$2,259,000	\$229,128	13.12%	\$30.73			
Electrical		\$1,895,895	\$1,615,658	\$1,677,102	\$1,796,250	(\$280,237)	-14.78%	\$25.13			
Landscaping		\$13,612	\$30,000	\$33,190	\$36,379	\$16,388	120.39%	\$0.47			
Site Concrete		\$176,418	\$92,500	\$137,600	\$195,000	(\$83,918)	-47.57%	\$1.44			
Technology	\$586,223	\$422,500	\$673,713	\$684,857	\$696,000	\$251,213	59.46%	\$10.48			
FF & E * 05.31.12	\$555,991	\$455,991	\$397,020			(\$58,971)	-12.93%	\$6.17	% DELTA LOW BID/MP	\$ DELTA LOW BID-MP	
Contingency @ 5%	\$564,050	\$636,344	\$636,344			\$0	0.00%	\$9.90			
Soft Costs	\$1,907,246	\$1,845,105	\$1,845,105			\$0	0.00%	\$28.70			
TOTAL	\$13,752,292	\$15,208,332	\$15,281,135	NA	NA	\$72,803	0.48%	\$237.66	11.12%	\$1,528,843	
LFI		(\$149,675)	(\$149,675)								
TOTAL CO-FUND	\$13,752,292	\$15,058,657	\$15,131,460								

FF & E for Administration & Cafeteria to be re-bid 05.31.12; only rec'd one bid
 RED NUMBER = PLUG

ALCOTT Bid 03.15.12				AWARD			\$ DELTA	% DELTA	BID		
30,649	MP	Pub Estimate	LOW BID	MEDIAN	HIGH	LOW BID-EST	LOW BID/EST	\$/SF			
Sitework **	\$160,806	\$321,986	\$306,000	\$333,000	\$360,000	(\$15,986)	-4.96%	\$9.98	Hard Costs per SF	\$170.05	
General Trades **	\$4,099,579	\$1,987,066	\$1,891,000	\$2,047,129	\$2,281,000	(\$96,066)	-4.83%	\$61.70			
Fire Protection *		\$92,211	\$159,220	\$178,610	\$198,000	\$67,009	72.67%	\$5.19	Soft Costs per SF	\$21.94	
Plumbing		\$286,531	\$311,850	\$388,313	\$527,000	\$25,319	8.84%	\$10.17			
HVAC		\$953,513	\$799,000	\$948,500	\$1,098,000	(\$154,513)	-16.20%	\$26.07			
Electrical		\$697,589	\$985,850	\$1,359,698	\$1,635,600	\$288,261	41.32%	\$32.17			
Landscaping **		\$33,306	\$17,200	\$36,100	\$55,000	(\$16,106)	-48.36%	\$0.56			
Site Concrete **		\$48,037	\$52,800	\$61,433	\$71,000	\$4,763	9.92%	\$1.72			
Technology	\$342,318	\$376,983	\$204,130	\$223,435	\$242,740	(\$172,853)	-45.85%	\$6.66	% DELTA LOW BID/MP	\$ DELTA LOW BID-MP	
FF & E	\$76,848	\$266,107	\$231,545	\$239,352	\$247,158	(\$34,562)	-12.99%	\$7.55			
Contingency @ 5%	\$298,980	\$253,165	\$253,165			\$0	0.00%	\$8.26			
Soft Costs	\$728,964	\$672,368	\$672,368			\$0	0.00%	\$21.94			
TOTAL	\$5,707,495	\$5,988,862	\$5,884,128	NA	NA	(\$104,734)	-1.75%	\$191.98	3.09%	\$176,633	
LFI		(\$43,958)	(\$43,958)								
TOTAL CO-FUND	\$5,707,495	\$5,944,904	\$5,840,170								

* Fire Pump post proxy \$ ** Combo is less than individual low bids by \$81,000
 RED NUMBER = PLUG

DUNBAR Bid 04.19.12				AWARD			\$ DELTA	% DELTA	BID		
63,549	MP	CD Estimate	LOW BID	MEDIAN	HIGH	LOW BID-EST	LOW BID/EST	\$/SF			
Sitework	\$1,208,780	\$667,273	\$610,492	\$757,147	\$874,597	(\$56,781)	-8.51%	\$9.61	Hard Costs per SF	\$211.86	
General Trades	\$8,930,003	\$6,168,642	\$6,306,600	\$6,514,150	\$6,623,000	\$137,958	2.24%	\$99.24			
Fire Protection		\$172,855	\$239,093	\$239,093	\$239,093	\$66,238	38.32%	\$3.76	Soft Costs per SF	\$29.27	
Plumbing		\$760,019	\$721,200	\$816,957	\$962,000	(\$38,819)	-5.11%	\$11.35			
HVAC		\$1,688,249	\$2,091,000	\$2,160,200	\$2,239,000	\$402,751	23.86%	\$32.90			
Electrical * - 06.07.12		\$1,531,174	\$1,746,600	\$1,830,636	\$1,949,309	\$215,426	14.07%	\$27.48			
Landscaping		\$17,792	\$50,000	\$54,500	\$59,000	\$32,208	181.03%	\$0.79			
Site Concrete		\$164,531	\$116,640	\$124,880	\$134,000	(\$47,891)	-29.11%	\$1.84			
Technology	\$586,223	\$586,223	\$599,393	\$648,670	\$697,947	\$13,170	2.25%	\$9.43	% DELTA LOW BID/MP	\$ DELTA LOW BID-MP	
FF & E - 05.31.12	\$555,991	\$455,991	\$371,821			(\$84,170)	-18.46%	\$5.85			
Contingency @ 5%	\$564,050	\$610,638	\$610,638			\$0	0.00%	\$9.61			
Soft Costs	\$1,907,246	\$1,860,105	\$1,860,105			\$0	0.00%	\$29.27			
TOTAL	\$13,752,292	\$14,683,492	\$15,323,582	NA	NA	\$640,090	4.36%	\$241.13	11.43%	\$1,571,290	
LFI		(\$351,614)	(\$351,614)								
TOTAL CO-FUND	\$13,752,292	\$14,331,878	\$14,971,968								

* First two bids were incomplete
 FF & E plug # per Orchard bid numbers; Three packages to be re-bid 05.31.12
 Electric to be re-bid 06.07.12
 RED NUMBER = PLUG

Savings on Bid Day = Program Enhancements

MILES			AWARD			\$ DELTA	% DELTA	BID		
Bid 05.03.12			LOW BID	MEDIAN	HIGH	LOW BID-EST	LOW BID/EST	\$/SF		
64,347	MP	CD Estimate								
Sitework - 06.05.12	\$1,208,780	\$650,044	\$1,016,102	\$1,105,592	\$1,224,000	\$366,058	56.31%	\$15.79	Hard Costs per SF	\$236.05
General Trades	\$8,930,003	\$6,427,687	\$7,210,000	\$7,423,493	\$7,682,000	\$782,313	12.17%	\$112.05		
Fire Protection		\$155,579	\$197,600	\$197,600	\$197,600	\$42,021	27.01%	\$3.07	Soft Costs per SF	\$28.67
Plumbing		\$703,002	\$991,000	\$1,038,500	\$1,117,000	\$287,998	40.97%	\$15.40		
HVAC		\$1,649,873	\$1,995,000	\$2,081,000	\$2,120,000	\$345,127	20.92%	\$31.00		
Electrical - 06.05.12		\$1,577,125	\$1,989,000	\$1,991,500	\$1,994,000	\$411,875	26.12%	\$30.91		
Landscaping		\$52,707	\$45,200	\$45,200	\$45,200	(\$7,507)	-14.24%	\$0.70		
Site Concrete		\$164,498	\$93,500	\$118,500	\$137,000	(\$70,998)	-43.16%	\$1.45		
Technology	\$586,223	\$724,618	\$645,682	\$650,364	\$658,045	(\$78,936)	-10.89%	\$10.03	% DELTA	\$ DELTA
FF & E - 05.03.12 & 05.31	\$555,991	\$455,991	\$377,723			(\$78,268)	-17.16%	\$5.87	LOW BID/MP	LOW BID-MP
Contingency @ 5%	\$564,050	\$628,055	\$628,055			\$0	0.00%	\$9.76		
Soft Costs	\$1,907,246	\$1,845,105	\$1,845,105			\$0	0.00%	\$28.67		
TOTAL	\$13,752,292	\$15,034,284	\$17,033,967	NA	NA	\$1,999,683	13.30%	\$264.72	23.86%	\$3,281,675
LFI		(\$444,996)	(\$444,996)							
TOTAL CO-FUND	\$13,752,292	\$14,589,288	\$16,588,971							

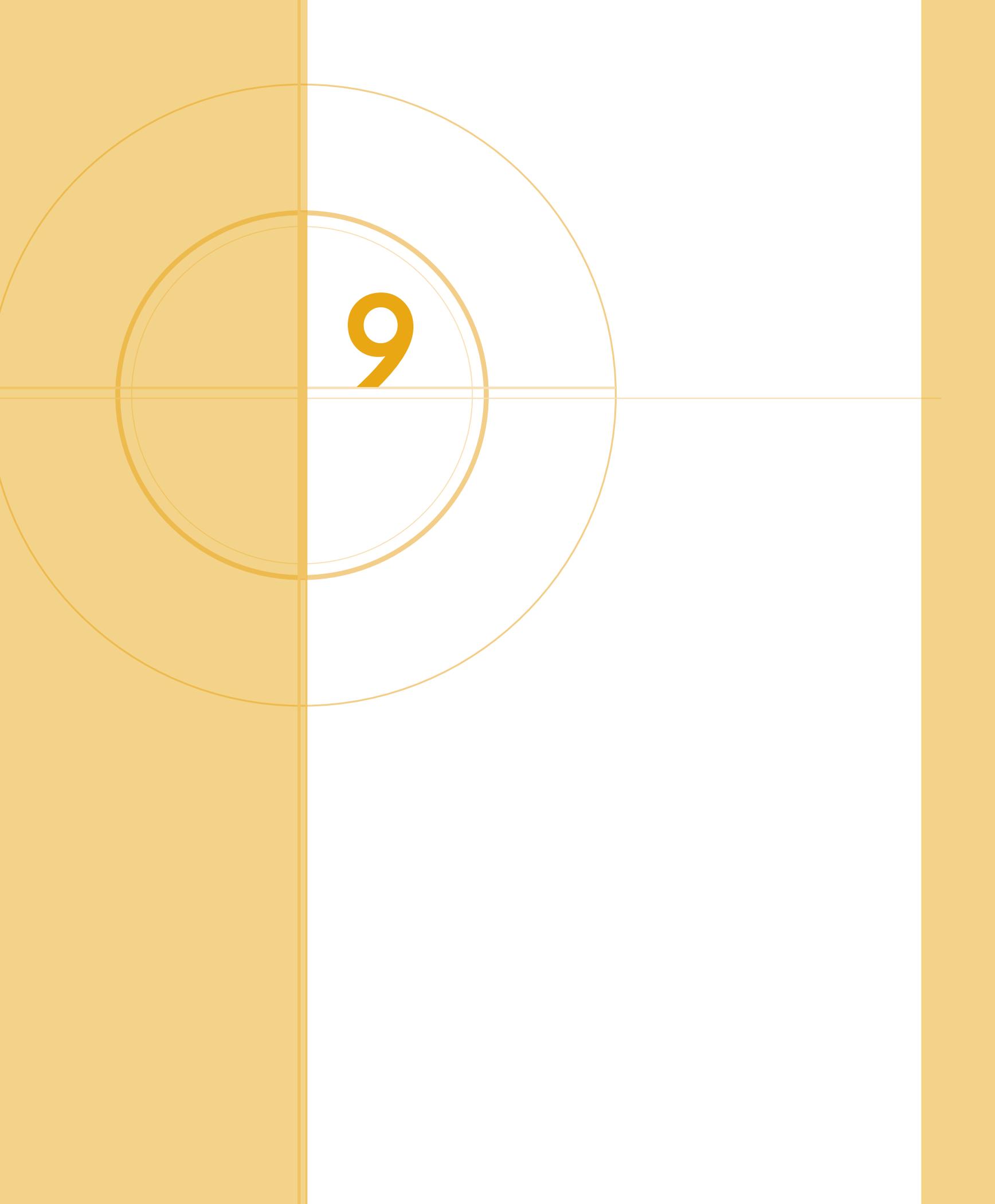
RED NUMBER = PLUG

Combination bids received were not less than individual low bidders
 FF & E admin & library to be re-bid 05.31.12 due to only one bid received.
 Electric and Site to be re-bid 06.05.12

ORCHARD			AWARD			\$ DELTA	% DELTA	BID		
Bid 03.29.12			LOW BID	MEDIAN	HIGH	LOW BID-EST	LOW BID/EST	\$/SF		
63,282	MP	Pub Estimate								
Sitework *	\$1,208,780	\$841,395	\$830,000	\$837,897	\$845,794	(\$11,395)	-1.35%	\$13.12	Hard Costs per SF	\$218.80
General Trades	\$8,930,003	\$6,345,697	\$6,614,500	\$7,057,900	\$7,455,000	\$268,803	4.24%	\$104.52		
Fire Protection		\$171,313	\$229,696	\$229,696	\$229,696	\$58,383	34.08%	\$3.63	Soft Costs per SF	\$29.39
Plumbing		\$865,216	\$648,000	\$746,998	\$843,090	(\$217,216)	-25.11%	\$10.24		
HVAC		\$1,837,572	\$2,098,000	\$2,248,000	\$2,467,000	\$260,428	14.17%	\$33.15		
Electrical ** Re-bid 05.03	Combo	\$1,372,261	\$2,272,661	\$1,896,113	\$2,164,883	\$900,400	65.61%	\$35.91		
Landscaping		\$45,069	\$52,863	\$52,863	\$52,863	\$7,794	17.29%	\$0.84		
Site Concrete		\$158,233	\$104,890	\$137,975	\$194,300	(\$53,343)	-33.71%	\$1.66		
Technology**Re-bid 05.03	\$586,223	\$748,300	\$0	\$649,282	\$668,638	(\$748,300)	-100.00%	\$0.00	% DELTA	\$ DELTA
FF & E ** Re-bid Adm 5.03	\$555,991	\$455,990	\$353,463			(\$102,527)	-22.48%	\$5.59	LOW BID/MP	LOW BID-MP
Contingency @ 5%	\$564,050	\$642,053	\$642,053			\$0	0.00%	\$10.15		
Soft Costs	\$1,907,246	\$1,860,105	\$1,860,105			\$0	0.00%	\$29.39		
TOTAL	\$13,752,292	\$15,343,204	\$15,706,231	NA	NA	\$363,027	2.37%	\$248.19	14.21%	\$1,953,938
LFI		(\$454,713)	(\$454,713)							
TOTAL CO-FUND	\$13,752,292	\$14,888,491	\$15,251,518							

RED NUMBER = PLUG

** FF & E (Administration) and Technology & Electric to be re-bid.
 * Low bidder pulled bid
 05.03 Re-bid electric and tech combo is less than individual low bids by \$47,834



9

LIQUIDATED DAMAGES AND EXPERIENCE WITH GMP-AT-RISK PROJECTS

Gilbane successfully worked with The Ohio State University to have the first CM-at-Risk project under the new guidelines in the State of Ohio and are currently under contract for six CM-at-Risk projects in the state for clients including OSU, Miami University, and Kent State University. Gilbane is a national leader in CM-at-Risk best practices and helped the and OFCC developed the current requirements. Nationally, our K-12 clients include more than 125 projects in the past 10 years under a CM-at-Risk contract including programs in states such as Massachusetts, Texas, Rhode Island, Wisconsin and Florida. Below is a breakdown of Gilbane's current, national workload by delivery method:

"Gilbane is a leader in the Construction Management Delivery method throughout the United States."

Delivery Method	Total Construction Value	% of Total
CM At Risk (71 Projects)	\$5,981,291,892	46.12%
CM-GMP (52 Projects)	\$4,844,405,502	37.36%
CM-Cost Plus a Fee (10 Projects)	\$998,324,000	7.70%
Lump Sum Bid/General Contractor (9 Projects)	\$138,562,390	1.07%
Agency CM (36 Projects)	\$6,461,666,024	49.83%
CM-Agency (20 Projects)	\$2,523,334,268	19.46%
Program Management (16 Projects)	\$3,938,331,756	30.37%
Design-Build (10 Projects)	\$525,232,517	4.05%
Design-Build (10 Projects)	\$525,232,517	4.05%
Total Projects 117	\$12,968,190,433	

We are willing to accept liquidated damages and discuss the provisions at the appropriate time.

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Contractor's Qualification Statement

1986 EDITION

This form is approved and recommended by The American Institute of Architects (AIA) and The Associated General Contractors of America (AGC) for use in evaluating the qualifications of contractors. No endorsement of the submitting party or verification of the information is made by the AIA or AGC.

The Undersigned certifies under oath that the information provided herein is true and sufficiently complete so as not to be misleading.

SUBMITTED TO: Steven Zannoni, Project Management Consultants

ADDRESS: Project Management Consultants
127 Public Square, 39th Floor
Cleveland, OH 44114

SUBMITTED BY: 

NAME: Gilbane Building Company Corporation X
Partnership

ADDRESS: Tom Laird, Executive Vice President
950 Main Avenue, Suite 1410
Cleveland, OH 44113
(216)535-3000; tlaird@gilbaneco.com Individual
Joint Venture

PRINCIPAL OFFICE: 7 Jackson Walkway Other
Providence, RI 02903

NAME OF PROJECT (if applicable): Cleveland Heights High School

TYPE OF WORK (file separate form for each classification of Work):

_____ General Construction _____ HVAC
_____ Plumbing _____ Electrical
 X Other (please specify)
 Construction Management

1. ORGANIZATION

1.1 How many years has your organization been in business as a Contractor?

Gilbane has been in business for 140 years.

1.2 How many years has your organization been in business under its present business name?

140 years

1.2.1 Under what other or former names has your organization operated?

None

1.3 If your organization is a corporation, answer the following:

1.3.1 Date of Incorporation: 1908

1.3.2 State of Incorporation: Rhode Island

1.3.3 President's name:
William J. Gilbane, Jr.
President-Chief Operating Officer

1.3.4 Vice President's name(s): John T. Ruggieri
Senior Vice President, Chief Financial Officer

1.3.5 Secretary's name: Brad A. Gordon
Senior Vice President-General Counsel-
Secretary

1.3.6 Treasurer's name: Richard R. Roy
Senior Vice President – Director of Finance,
Treasurer

1.4 If your organization is a partnership, answer the following:

1.4.1 Date of Organization:

1.4.2 Type of Partnership (if applicable):

1.4.3 Name(s) of general partner(s):

1.5 If your organization is individually owned, answer the following:

1.5.1 Date of Organization

1.5.2 Name of Owner

Does not apply

1.6 If the form of your organization is other than those listed above, describe it and name the principals:

Does not apply.

2. LICENSING

2.1 List jurisdictions and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable.

State	Classification	License No.
Alabama	Required (A)	Required (A)
Arizona	General Commercial Contractor	151136
Arkansas	Building Contractor	138650411
California	Class B Contractors	777701
Connecticut	Major Contractor	900153
Colorado	Not required	
Delaware	Non-Residential Contractor	1999210369
District of Columbia	General Contractor	70107331
Florida	Qualified & General Contractor	QB41563
Georgia	General Contractor	GCQA001723
Hawaii	General Building	32440
Idaho	Contracting	RCE24620
Illinois	Not required	
Indiana	Not required	
Iowa	Registered	94756-04
Kansas	Not required	
Kentucky	Not required	
Louisiana	Building & Heavy Construction	11295
Maine	Not required	
Maryland	Construction	16168947
Massachusetts	Not required	
Michigan	Req. for residential only (A)	Req. for residential only (A)
Minnesota	Req. for residential only (A)	Req. for residential only (A)
Mississippi	Building Constr./Constr. Mgmt.	14077
Missouri	Not required	
Nebraska	Not required	
Nevada	Class B General Building	58700
New Hampshire	Not required	
New Jersey	Not required	
New Mexico	Contractor	57229
New York	Not required	
North Carolina	General Contracting	8425
Ohio	Not required	
Oklahoma	Not required	
Oregon	Required (A)	Required (A)
Pennsylvania	Not required	
Rhode Island	Not required	
South Carolina	Building	G110116
Tennessee	Contractors	53291
Texas	Not required	
Utah	Contractor B100	7337228-5501
Vermont	Not required	
Virginia	Class A Contractor	2701004552A
Washington	General Contractor	GILBABCO027J8
West Virginia	General Building	WV049635
Wisconsin	Building Contractor	1103407
Puerto Rico	Not required	
<i>Revised January 2013</i>	N/A = Not Applicable	(A) Gilbane does not have

2.2 List jurisdictions in which your organization's partnership or trade name is filed.

Not applicable.

3. EXPERIENCE

3.1 List the categories of work that your organization normally performs with its own forces.

It is our policy not to self perform trade work. We have found that owners prefer that we do not perform trade work (except for items of General Conditions, such as clean-up and miscellaneous carpentry) because of the possibility of a conflict of interest and the possible reduction of interest in the project by the local trade contractors.

In order to obtain the best pricing for a job, we recommend competitively bidding all phases of the work. We have found that the trade contractors who are specialists in the specific areas of work involved provide us with their best competitive pricing when there is no concern that we are only using them for pricing, intending to perform the work ourselves.

Rather than self-performing any significant trade work, our team proposes to make maximum use of the available local labor and materials marketplace. This policy, in our opinion, removes any conflict of interest and best serves the owner in all aspects.

3.2 Claims and Suits. (If the answer to any of the questions below is yes, please attach details.)

3.2.1 Has your organization ever failed to complete any work awarded to it?

No

3.2.2 Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or its officers?

As would be expected for a construction firm involved in well over \$3 billion per year in construction business, Gilbane Building Company has been involved in a number of claims and/or litigation cases. Most of these are inconsequential cases into which Gilbane is brought by a subcontractor or other party. In our judgment, there are no current outstanding legal cases that have significant potential to have any substantial adverse impact on Gilbane's overall financial position, nor have there been within the past five years.

3.2.3 Has your organization filed any law suits or requested arbitration with regard to construction contracts within the last five years.

Please refer to response 3.2.2 above.

3.3 Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract? (If the answer is yes, please attach details.)

No.

3.4 On a separate sheet, list major construction projects your organization has in progress, giving the name of project, owner, architect, contract amount, percent complete and scheduled completion date.

Please refer to the Appendix section of our Qualifications.

3.4.1 State total worth of work in progress and under contract:

\$5,286,458,000– Companywide

\$970,104,000 – Region

3.5 On a separate sheet, list the major projects your organization has completed in the past five years, giving the name of project, owner, architect, contract amount, date of completion and percentage of the cost of the work performed with your own forces.

Please refer to Section 3.5 in the Appendix.

3.5.1 State average annual amount of construction work performed during the past five years:

(National)

Year	# of Projects	Construction Value
2012	991	\$3,160,499,000
2011	918	\$2,890,059,000
2010	616	\$2,723,441,000
2009	445	\$3,060,357,000
2008	458	\$3,225, 140,000
5 YR. AVERAGE	686	\$3,011,899,000

3.6 On a separate sheet, list the construction experience and present commitments of the key individuals of your organization.

Please refer to Section 2 for key personnel resumes and references.

4. REFERENCES

4.1 Trade References:

Gilbane Building Company is a national company with trade references throughout the country.

The following represents trade references in the local area:

<u>Name</u>	<u>Telephone #</u>
Mr. Lonnie Coleman President 1775 East 45 th St. Cleveland, OH 44103	(216) 431-8070
Mr. Ed Sellers General Manager OCP Contractors 3900 Ben Hur Ave. Willoughby, OH 44094	(440) 951-9727
Mr. Mike Joyce Zenith Systems 5069 Corbin Dr. Bedford Heights, OH 44128	(216) 587-9511

4.2 Bank References:

Bank of America Corporate Banking Division 100 Westminister Street Providence, RI 02903	Oliver H. L. Bennett Senior Vice President-Commercial Banking Phone: (401) 278-5289 Fax: (401) 421-5030
RBS Citizens Bank, N.A. One Citizens Plaza – RC0420 Providence, RI 02903	Justin H. DeShaw Senior Vice President, Corporate Banking Phone: (401) 282-7040 Fax: (401) 282-7380

4.3 Surety:

4.3.1 Name of Bonding Company:

Travelers Casualty & Surety Co. of America has handled all of Gilbane's insurance and bonding requirements for over 90 years.

4.3.2 Name and Address of Agent:

Aon Risk Services, Inc. of Massachusetts Construction Services Group One Federal Street, 20 th Floor Boston, MA 02110	Mark Herendeen, ARM Vice President (617) 457-7715
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5. FINANCING

5.1 Financial Statement.

Financials submitted as separate attachment.

5.1.1 Attach a financial statement, preferably audited, including your organization's latest balance sheet and income statement showing the following items:

Current Assets (e.g., cash, joint venture accounts, accounts receivable, notes receivable, accrued income, deposits, materials inventory and prepaid expenses);

Net Fixed Assets;

Other Assets;

Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes);

Other Liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings).

5.1.2 Name and address of firm preparing attached financial statement, and date thereof:

McGladrey LLP
80 City Square
Boston, MA 02129
(617) 241-1129

5.1.3 Is the attached financial statement for the identical organization named on page one?

Yes.

5.1.4 If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsidiary).

5.2 Will the organization whose financial statement is attached act as guarantor of the contract for construction?

Not applicable.

6. SIGNATURE

6.1 Dated at (Cleveland, Ohio) this 17th day of October, 2013

Name of Organization: Gilbane Building Company

By: Mark McHill _____

Title: VP Vice President

6.2 Mr. Hill being duly sworn deposes and says that the information provided herein is truly and sufficiently complete so as not to be misleading.

Subscribed and sworn before me this 17th day of October 2013

Notary Public: Linda R. Hein

My Commission Expires:



LINDA R. HEIN
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES APRIL 13, 2015

AIA A305 Item 3.4 Current Projects
Gilbane Building Company – Central Region

<p>Nationwide Children's Hospital, T1 Physical Medicine and Urgent Care Clinics Renovation Columbus, OH</p> <p>Start - Completion Dates 8/1/2012 - 10/30/2013</p> <p>Percent Complete - 95%</p>	<p>\$ 1,296,000</p> <p>The project involves vacating the emergency department; demolition of 22,600 SF; and construction of a new 6,100 SF Physical Medicine Clinic and new 6,650 SF Urgent Care.</p> <p>Owner - Nationwide Children's Hospital</p> <p>Architect - DesignLevel</p>
<p>Hard Rock Northfield Park Rocksino Northfield, OH</p> <p>Start - Completion Dates 6/1/2012 - 12/1/2013</p> <p>Percent Complete - 80%</p>	<p>\$78,971,000</p> <p>A new entertainment/gaming facility will be constructed adjacent to the existing, operational Northfield Park racetrack. The single-story facility includes dining options such as a full-service Hard Rock Cafe, steakhouse, buffet and concessions, and also features a comedy club, a Hard Rock Live amphitheater and a gift shop. The complex will include more than 3,200 slots and 65,000 SF of gaming area on an 8-inch raised floor and extensive back of the house support facilities.</p> <p>Owner - Northfield Park Associates LLC</p> <p>Architect – SOSH Architects / Richard L. Bowen Associates</p>
<p>Columbus Regional Airport Authority, Concourse B Modernization Project Columbus, OH</p> <p>Start - Completion Dates 9/1/2013 - 1/1/2015</p> <p>Percent Complete - 1%</p>	<p>\$9,250,000</p> <p>Project includes updating all interior finishes and MEP systems inside the 55,000 SF space. Concourse B is a heavily traveled area within the airport and much of the work will take place during off hours so as to limit the impact to the public. In addition, there are five separate airlines and numerous vendors inside the project area that must remain operational so extra care will be taken to not impact their daily operations.</p> <p>Owner - Columbus Regional Airport Authority</p> <p>Architect - URS</p>
<p>Columbus Regional Airport Authority, Concourse C Modernization Project Columbus, OH</p> <p>Start - Completion Dates 4/1/2013 - 12/1/2013</p> <p>Percent Complete - 50%</p>	<p>\$4,500,000</p> <p>Installation of approximately 50,000 SF of new flooring (carpet and epoxy terrazzo) and ceiling materials, existing bathroom demolition and rework, interior finish replacement, and MEP upgrades in the heavily traveled Concourse C at Port Columbus International Airport. Includes both preconstruction and construction management services to be coordinated around active airport operations.</p> <p>Owner - Columbus Regional Airport Authority</p> <p>Architect - URS</p>
<p>The Ohio State University, Smith Laboratory Rehabilitation Columbus, OH</p> <p>Start - Completion Dates 12/1/2012 – 1/1/2014</p> <p>Percent Complete - 50%</p>	<p>\$11,614,000</p> <p>A five-story laboratory, classroom, and faculty office building housing spaces for anthropology, astronomy, film studies, physics, an engineering experiment station and the Office of Energy and Environment. The building will remain fully operational during extensive upgrades to the HVAC, fire protection, electrical systems, as well as installation of new ceilings, light fixtures and limited interior finish upgrades. The project is targeting LEED Silver certification.</p> <p>Owner - The Ohio State University</p> <p>Architect – Prater Engineering</p>

<p>U. S. Department Veterans Affairs, Lancaster Medical Center Lancaster, OH</p> <p>Start - Completion Dates 1/1/2013 - 1/1/2014</p> <p>Percent Complete - 50%</p>	<p>\$2,000,000</p> <p>Design/build services for a tenant fit out to convert retail space into a medical clinic. The 10,000 SF project includes exam rooms, doctor's offices, pharmacy and a full replacement of all MEP systems.</p> <p>Owner - Bromont Group</p> <p>Architect - Andrews Architects, Inc.</p>
<p>Miami University, Kreger Hall Renovation and Addition Oxford, OH</p> <p>Start - Completion Dates 3/1/2013 - 7/1/2014</p> <p>Percent Complete - 5%</p>	<p>\$14,100,000</p> <p>Reorganization and rehabilitation of 33,300 SF of interior spaces and upgrade of the building infrastructure to meet the needs of the Department of Physics. A 22,500 SF addition is also planned. Areas will include a faculty office suite and graduate student offices, research laboratories, seminar rooms, classrooms and instructional labs.</p> <p>Owner - Miami University</p> <p>Architect - SFA Architects</p>
<p>Kent State University, Tri-Towers Residence Hall Rooms and HVAC Upgrade Kent, OH</p> <p>Start - Completion Dates 3/1/2013 - 8/31/2014</p> <p>Percent Complete - 5%</p>	<p>\$29,000,000</p> <p>Tri-Towers complex consists of two, 10-story residence halls; one twelve-story residence hall; and a central connecting building for dining and student activities. The complex houses approximately 1,400 students. The project will address deferred maintenance issues including aging HVAC infrastructure, building envelope failures, elevator modernizations, interior room configurations, and finishes that were not corrected as part of previous renovations.</p> <p>Owner - Kent State University</p> <p>Architect - Domokur Architects, Inc.</p>
<p>The Ohio State University, Chemical and Biomolecular Engineering and Chemistry Columbus, OH</p> <p>Start - Completion Dates 7/1/2012 - 11/1/2014</p> <p>Percent Complete - 50%</p>	<p>\$86,979,000</p> <p>The Chemical and Biomolecular Engineering and Chemistry project is a 235,000 SF, laboratory located in the center of the Academic Core North area of campus. The new facility will contain research wet labs with ancillary support spaces, computational research spaces, shared core laboratories, instructional spaces and offices for faculty, administration and graduate students. The project is targeting LEED Silver certification.</p> <p>Owner - The Ohio State University</p> <p>Architect - Pelli Clarke Pelli Associates / Stantec</p>
<p>General Services Administration (GSA), A. J. Celebrezze Federal Building - Facade Recladding Project Cleveland, OH</p> <p>Start - Completion Dates 2/1/2011 - 12/1/2014</p> <p>Percent Complete - 46%</p>	<p>\$92,000,000</p> <p>Provide design reviews and construction oversight for the complete facade replacement as well as installation of various renewable energy components. The 32-story building encompasses 1.4 million SF and is located on the corner of East Ninth St. and Lakeside Ave. in downtown Cleveland. The scope of work will repair, replace or "over-clad" the building's facade with a new, insulated curtain wall system. Plan to increase the building's current LEED certification to the Gold or Platinum level.</p> <p>Owner - General Services Administration</p> <p>Architect - InterActive Design Eight Architects</p>
<p>Ohio School Facilities Commission (OSFC), Cleveland Metropolitan Cleveland, OH</p> <p>Start - Completion Dates 1/1/2002 - 8/1/2015</p> <p>Percent Complete - 53%</p>	<p>\$1,500,000,000</p> <p>CM agency services for \$1.5 billion school renovation and modernization program that includes more than 120 facilities throughout the Cleveland area. 10 projects are currently in design and are all seeking LEED for Schools Silver certification.</p> <p>Owner - Cleveland Metropolitan School District</p> <p>Architect - Multiple</p>

<p>Ohio School Facilities Commission (OSFC), Piqua Schools Piqua, OH</p> <p>Start - Completion Dates 1/1/2013 - 8/1/2015</p> <p>Percent Complete - 7%</p>	<p>\$55,000,000</p> <p>New, 245,000 SF school campus totaling \$55 million. Project includes construction of two, new, 70,000 SF elementary schools for grades PK-3 and one, new, 105,000 SF elementary/middle school for grades 4-6. All three schools will include auditoriums and full gymnasiums and will be LEED Silver. Also consists of abatement and demolition of eight existing elementary school buildings.</p> <p>Owner - Ohio School Facilities Commission</p> <p>Architect - Fanning/Howey Associates, Inc.</p>
<p>University Hospitals Proton Therapy Case Medical Center Cleveland, OH</p> <p>Start - Completion Dates 8/1/2013 - 9/1/2014</p> <p>Percent Complete - 5%</p>	<p>\$5,500,000</p> <p>This project includes development of a proton therapy facility addition including a single-room, three-level concrete vault for a Mevion proton therapy system, interior renovations for clinical support, infill of the ambulance bay, select demolition and an upgrade of the HVAC systems. The project will be located on the UH Case Medical Center campus in University Circle and nearby the Seidman Cancer Center recently completed by Gilbane.</p> <p>Owner - University Hospitals</p> <p>Architect - Tsoi/Kobus & Associates</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>Huntington National Bank Meijer In-Stores Columbus, OH</p> <p>Start - Completion Dates 02/13 - 08/13</p> <p>Percent With Own Forces 0%</p>	<p>\$ 1,530,000</p> <p>The Huntington National Bank 2013 Meijer In-store Roll-out remodeling project consisted of building 17 new branch offices inside existing and new Meijer stores in Western, Central and Eastern Michigan. Projects varied in size from 550 SF to over 1,000 SF in size. Build outs included the demolition of existing space, adding workrooms, teller and office space as well as ATM installations along with specialized furniture and technology equipment for the banking office.</p> <p>Architect Lab 8 Designs, Pittsburgh, PA</p>
<p>GEICO Indianapolis Regional Facility Indianapolis, IN</p> <p>Start - Completion Dates 05/13 - 08/13</p> <p>Percent With Own Forces 0%</p>	<p>\$ 1,100,000</p> <p>Tenant fit out of 70,000 SF to serve Geico's business operations in several states. The fast track renovation build out included MEP infrastructure upgrades and space reconfiguration to accommodate work areas for the Sales and Claims operations team. MEP systems were procured through a design assist delivery process to expedite the schedule to ensure completion in eight short weeks.</p> <p>Architect American Structurepoint, Indianapolis, IN</p>
<p>Cuyahoga County Public Library Garfield Heights Branch Garfield Heights, OH</p> <p>Start - Completion Dates 04/12 – 09/13</p> <p>Percent With Own Forces 0%</p>	<p>\$ 9,300,000</p> <p>Demolition of the existing library and two residential structures and construction of a new, 32,000 SF library. The new library will double the size of the existing library and includes an open library space with high ceilings, study rooms, meeting rooms, technology learning center, toddlers area, children's area, teen area, homework center, along with staff offices.</p> <p>Architect Bostwick Design Partnership, Cleveland, OH</p>
<p>Indiana University Bart Kaufman Field Baseball and Softball Stadium Bloomington, IN</p> <p>Start - Completion Dates 05/12 - 04/13</p> <p>Percent With Own Forces 0%</p>	<p>\$ 19,800,000</p> <p>The new Indiana University Bart Kaufman Field Baseball and Softball Stadium includes all the necessary NCAA Division 1 field sports amenities such as seating for 2,500, dugouts, ticketing areas, restrooms, press boxes, clubhouses, hospitality suites, and sports equipment. The baseball field will be a synthetic turf field and the softball field will be made of natural grass. This project will also include exterior infrastructure and is targeting LEED Silver certification.</p> <p>Architect Browning Day Mullins Dierdorf, Indianapolis, IN</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>Cleveland Indians Progressive Field Premium Club Renovation Cleveland, OH</p> <p>Start - Completion Dates 11/12 - 03/13</p> <p>Percent With Own Forces 0%</p>	<p>\$ 1,500,000</p> <p>The Collection Auto Club project included renovations and upgrades to 10 existing suites and corridor space on the press level into a single premium club and sports bar. The scope of work included new balcony seating, a new field side glazing system, new private restrooms, sports bar, interior finishes, and MEP upgrades.</p> <p>Architect KA Architecture, Cleveland, OH</p>
<p>Cleveland Museum of Art Phase II Cleveland, OH</p> <p>Start - Completion Dates 03/09 - 03/13</p> <p>Percent With Own Forces 0%</p>	<p>\$ 65,188,000</p> <p>Phase II expansion and renovation totaling more than 588,000 SF to the museum and included a new gallery wing, new parking structure, a new central utility plant, and renovation of the historic 1916 and 1971 art buildings.</p> <p>Architect Rafael Vinoly Architects, New York, NY</p>
<p>Goodyear Tire & Rubber Company Headquarters Akron, OH</p> <p>Start - Completion Dates 07/11 - 03/13</p> <p>Percent With Own Forces 0%</p>	<p>\$131,000,000</p> <p>New, seven-story, 703,000 SF world headquarters includes three multi-story atriums, office and collaborative work spaces featuring 15-inch raised access flooring, a full kitchen and dining commons to seat 600 employees, fitness center, conference spaces with integrated AV control systems, and underground executive parking for 80 vehicles. Designed for LEED Silver certification.</p> <p>Architect Gensler and Associates, Chicago, IL</p>
<p>Ohio School Facilities Commission (OSFC) Bellefontaine City School District Bellefontaine, OH</p> <p>Start - Completion Dates 02/12 - 03/13</p> <p>Percent With Own Forces 0%</p>	<p>\$ 35,000,000</p> <p>New 88,000 SF middle school and a new 80,000 SF elementary school on a 65-acre greenfield site at Ludlow and Lake Avenues in Bellefontaine, Ohio. Both projects are targeting LEED for Schools Silver Certification.</p> <p>Architect Freytag & Associates, Inc. Architects, Sidney, OH 45365</p>
<p>Ohio School Facilities Commission (OSFC) Upper Valley Career Center Piqua, OH</p> <p>Start - Completion Dates 03/11 - 12/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 24,700,000</p> <p>Upper Valley Career Center is a vocational school housing high school juniors and seniors from 10 local communities. Includes extensive renovations to main campus (200,000 SF) and Willowbrook Wilderness facility (11,870 SF).</p> <p>Architect Levin Porter Associates, Inc., Dayton, OH</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>Ohio School Facilities Commission (OSFC) Vantage Career Center Van Wert, OH</p> <p>Start - Completion Dates 01/11 - 12/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 34,000,000</p> <p>Project scope includes renovations and additions to career center to house 485 students. Facility additions will add more than 69,000 SF and includes complete renovation of the entire center; relocating three training rooms into new space; and increasing over-crowded classrooms for a total of 190,000 SF.</p> <p>Architect Garmann/Miller Architects & Engineers, Minster, OH</p>
<p>Ohio School Facilities Commission (OSFC) Pickerington Schools Pickerington, OH</p> <p>Start - Completion Dates 06/10 - 12/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 55,260,000</p> <p>The overall program includes renovations and multiple additions to five occupied school buildings and totals more than 443,000 square feet. The project is targeting LEED Silver certification.</p> <p>Architect Steed Hammond & Paul, Inc., Hamilton, OH</p>
<p>Cleveland Clinic Crile Mall East Project Cleveland, OH</p> <p>Start - Completion Dates 05/12 - 10/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 3,298,000</p> <p>This program replaced eight acres of impermeable asphalt parking surface serving the Crile Center and Eye Institute with over three-acres of new green space and more than four acres of new parking for patients.</p> <p>Architect Cawrse & Associates, Inc., Chagrin Falls, OH</p>
<p>Scioto Downs Slots Casino Columbus, OH</p> <p>Start - Completion Dates 12/11 - 09/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 55,069,000</p> <p>Two-phase, fast-track construction of a new, one-story gaming facility including a main casino building and enclosed walkway connecting the new building and existing track facility. The building features 2,100 VTL slot machines, three food venues, bar/ lounge, casino cage, and retail and promotions area. Project was completed on a fast-track schedule in 6.5 months working adjacent to an operational race track.</p> <p>Architect SOSH Architects, Atlantic City, NJ</p>
<p>Indianapolis Public Schools #19 Frederick Douglas Elementary School Indianapolis, IN</p> <p>Start - Completion Dates 12/11 - 07/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 6,900,000</p> <p>Construction Quality Management Services for renovation to an existing facility. Scope includes interior demolition, extensive upgrades to all MEP and technology systems, new roof and windows, ADA and site-work improvements, and a new entrance. Project is designed for the LEED certification level. Gilbane will once again serve as on-site manager during construction to oversee a single general contractor on behalf of the school district.</p> <p>Architect A2SO4 Architects, Indianapolis, IN</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>Huntington National Bank Rebranding Program Columbus, OH</p> <p>Start - Completion Dates 06/10 - 07/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 68,220,000</p> <p>Oversight of Huntington’s rebranding and renovation efforts at 592 branch banks and 611 remote ATM sites across their six-state footprint (OH, IN, KY, WV, PA, MI.) Includes new, monumental building and ATM signage, branded entrances, refreshed paint, flooring and teller lines, new logo soffits, furniture, electronic merchandising monitors and miscellaneous interior merchandising. Gilbane serves as an extension of the Huntington staff.</p> <p>Architect URS Greiner, Inc., Columbus, OH</p>
<p>AIG 625 Liberty Street Consolidation Project Pittsburgh, PA</p> <p>Start - Completion Dates 03/12 - 05/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 107,000</p> <p>Two-story consolidation project including new office build-outs, flooring, painting, mechanical, electrical, fire protection, life safety, coordination with furniture vendors, A/V subs, data and security. All work was performed on shift time. The team achieved the building permit in one day by meeting Pittsburgh requirements for small projects. They also completed scope of work in four weeks.</p> <p>Architect IA Interior Architects, Boston, MA</p>
<p>Indianapolis Public Schools #70 Mary Nicholson Elementary School Indianapolis, IN</p> <p>Start - Completion Dates 10/10 - 04/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 6,000,000</p> <p>Construction quality management services for renovation of the historical facility with enhanced measures taken to protect many of the original features. Also included extensive upgrades to all MEP, technology systems, select roofing, ADA, site-work improvements, and a performing arts addition. Our team provided preconstruction services and acted as on-site managers during construction on behalf of the district.</p> <p>Architect Mussett Nicholas & Associates, Inc., Indianapolis, IN</p>
<p>Mane, Inc. Manufacturing Addition Lebanon, OH</p> <p>Start - Completion Dates 05/11 - 04/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 16,486,000</p> <p>Construction management services for a 67,000 SF, two-story manufacturing facility addition on the 30-acre campus. Mane is a worldwide leader in the development of flavorings and fragrances.</p> <p>Architect Jedson Engineering, Inc., Milford, OH</p>
<p>Cleveland Clinic Data Center Brecksville, OH</p> <p>Start - Completion Dates 08/10 - 01/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 68,000,000</p> <p>New, two-story, 116,000 SF data center for the Cleveland Clinic constructed on a greenfield site. The Tier III facility houses 40,000 SF of white space on a 36-inch raised floor with 150 W per SF power capacity. The data center achieved LEED Silver certification.</p> <p>Architect Gensler and Associates, Chicago, IL</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>The Ohio State University Ohio Agricultural Research & Development Center (OARDC) Wooster, OH</p> <p>Start - Completion Dates 12/09 - 01/12</p> <p>Percent With Own Forces 0%</p>	<p>\$ 15,000,000</p> <p>A 26,830 SF BSL-3Ag facility for the research of biological agents and pathogens in animals. Associated spaces to support research include laboratories, cage wash, office, clean and dirty gowning areas, locker rooms, necropsy, animal holding rooms, clean and dirty corridors, and a loading dock along with basement and interstitial level equipment areas.</p> <p>Architect Flad & Associates, San Francisco, CA</p>
<p>Cuyahoga Community College Program Management Cleveland, OH</p> <p>Start - Completion Dates 01/09 - 12/12</p> <p>Percent With Own Forces 0%</p>	<p>\$200,000,000</p> <p>Integral program management services to Cuyahoga Community College, the largest community college in Ohio serving more than 55,000 students. Gilbane works with the college to support more than 188 projects in the planning stage or under construction on three campuses and multiple off-campus locations. Gilbane managed seven CM firms and collaborates with nearly 100 design professionals and specialty consultants on the program. Several projects are seeking LEED-NC v2.2 Silver certification..</p> <p>Architect Multiple Architects, Various Locations</p>
<p>Battelle Memorial Institute Center for Life Sciences Research West Jefferson, OH</p> <p>Start - Completion Dates 05/09 - 08/11</p> <p>Percent With Own Forces 0%</p>	<p>\$ Confidential</p> <p>New 200,000 SF, greenfield toxicology laboratory that will include modular vivarium space, vivarium support areas, research laboratories, administrative office space, limited cafeteria area, and space for building support, as well as on-site parking to accommodate for more than 500 cars, shipping and receiving docks, and room for future expansion.</p> <p>Architect Flad & Associates, Madison, WI</p>
<p>Franklin County Courthouse Columbus, OH</p> <p>Start - Completion Dates 11/07 - 07/11</p> <p>Percent With Own Forces 0%</p>	<p>\$ 92,000,000</p> <p>New, seven -story, 325,000 SF courthouse facility in downtown Columbus. Program elements include the common pleas courts and associated administrative offices, detainee staging, jury commission, assignment office, probate services, clerk of courts and the law library. This project achieved LEED NC v2.2 Gold certification.</p> <p>Architect Design Group, Inc., Columbus, OH</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>General Services Administration (GSA) Major General Emmett J. Bean Center Indianapolis, IN</p> <p>Start - Completion Dates 12/09 - 05/11</p> <p>Percent With Own Forces 0%</p>	<p>\$ 28,000,000</p> <p>Construction Manager as Agent (CMa) Services for the GSA in Indianapolis. Our team provided design reviews and construction oversight for the Renewable Energy Phase of the project. The LEED Silver project consisted of a new IRMA (Inverted Roof Membrane Assembly) roof system and the installation of a 6,152 panel photovoltaic (PV) system as well as a PV test lab. In addition, Gilbane worked as a design team member in the completion of the DoD security upgrades design.</p> <p>Architect Dewberry, Peoria, IL</p>
<p>University Hospitals Vision 2010 Seidman Cancer Center Cleveland, OH</p> <p>Start - Completion Dates 03/08 - 05/11</p> <p>Percent With Own Forces 0%</p>	<p>\$163,247,000</p> <p>The cancer center is approximately 370,600 SF of new construction, located on University Hospitals Case Medical Center campus. The cancer hospital includes radiation oncology with four vaults, two simulators, and one HDR/Brachytherapy room, ambulatory center, phlebotomy, infusion suite, bone marrow transplant unit, inpatient surgical suite with four new operating rooms, and 120 patient rooms in four nursing units. Targeting LEED v3 Certified level.</p> <p>Architect Cannon Design Inc., St. Louis, MO</p>
<p>Ohio School Facilities Commission (OSFC) Wapakoneta City School District Wapakoneta, OH</p> <p>Start - Completion Dates 09/08 - 03/11</p> <p>Percent With Own Forces 0%</p>	<p>\$ 66,000,000</p> <p>Rebuilding and modernization program, including two, new elementary schools to house 1,117 students in grades PK-4; renovation/addition to middle school; and renovations to high school. This project is targeting LEED for Schools Silver Certification.</p> <p>Architect Garmann/Miller Architects & Engineers, Minster, OH</p>
<p>Ohio School Facilities Commission (OSFC) St. Marys City School District St. Marys, OH</p> <p>Start - Completion Dates 11/08 - 02/11</p> <p>Percent With Own Forces 0%</p>	<p>\$ 55,000,000</p> <p>Rebuilding and modernization program, including construction of a new, 211,000 SF middle/high school for 1,200 students in grades 6-12; renovations to Dennings Vocational Building and East Elementary School; and renovation/addition to West Elementary School.</p> <p>Architect Fanning/Howey Associates, Inc., Celina, OH</p>
<p>University Hospitals Vision 2010 Ahuja Medical Center Beachwood, OH</p> <p>Start - Completion Dates 02/08 - 01/11</p> <p>Percent With Own Forces 0%</p>	<p>\$163,247,000</p> <p>The Ahuja Medical Center sits on a 40-acre site and includes a new, 358,300 SF community hospital; a 56,600 SF medical office building; and a 15,700 SF central energy plant. The program consists of 144 private beds, surgical services and endoscopy, diagnostics and imaging, emergency medicine services, and ambulatory surgery center. The project is targeting LEED BD+C Silver certification.</p> <p>Architect HKS Architects Inc., Dallas, TX</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>Nationwide Children's Hospital (NCH) Central Energy Plant Columbus, OH</p> <p>Start - Completion Dates 07/07 - 12/10</p> <p>Percent With Own Forces 0%</p>	<p>\$ 57,264,000</p> <p>Project included development and expansion to the 55,000 SF CEP and utility/transportation tunnel system to support the hospital's main campus. System improvements included reconstruction of existing tunnels and an extension of the overall system in the first several phases to create a loop system and expanding the existing shipping/receiving docks and managing a comprehensive boundary, topography, and utility survey of overall campus. This project achieved LEED NC Gold Certification.</p> <p>Architect Moody/Nolan Ltd., Columbus, OH</p>
<p>Indianapolis Public Schools #31 James A. Garfield Elementary School Indianapolis, IN</p> <p>Start - Completion Dates 11/09 - 09/10</p> <p>Percent With Own Forces 0%</p>	<p>\$ 5,600,000</p> <p>Construction quality management services for renovation to elementary school. Project focused primarily on upgrading all MEP and technology systems, select roofing, ADA, and site work improvements. Multiple classrooms were reconfigured to enhance the learning environment and provide a more efficient flow through the building. A key portion of the project was removing all window conditioned units to ensure all students had access to conditioned air.</p> <p>Architect Mussett Nicholas & Associates, Inc., Indianapolis, IN</p>
<p>OhioHealth Doctor's Hospital Emergency Department and Medical Education Center Columbus, OH</p> <p>Start - Completion Dates 09/08 - 06/10</p> <p>Percent With Own Forces 0%</p>	<p>\$ 23,000,000</p> <p>75,000 SF addition includes a new emergency department on first floor and a new medical education center on the second floor. It was built between the current Emergency Department and an adjacent medical office building.</p> <p>Architect URS, Columbus, OH</p>
<p>Central Ohio Transit Authority (COTA) Downtown Office Improvement Project Columbus, OH</p> <p>Start - Completion Dates 11/09 - 05/10</p> <p>Percent With Own Forces 0%</p>	<p>\$ 6,000,000</p> <p>Project management/construction management services to renovate a mid-rise office building. The 78,240 SF building became the administrative offices for COTA. Existing tenants occupied three floors while construction was performed. Improvements included office areas, wellness center, break room, two-story, multi-purpose board room, MEP systems and elevator upgrades, new handicap ramp, and a secondary entrance for COTA tenants.</p> <p>Architect Moody/Nolan Ltd., Columbus, OH</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>Firelands Regional Medical Center Campus Expansion and Renovation Sandusky, OH</p> <p>Start - Completion Dates 01/05 - 03/10</p> <p>Percent With Own Forces 0%</p>	<p>\$109,000,000</p> <p>Major expansion and phased renovation to the existing, operational hospital campus totaling 400,000 SF; the scope includes a 70,000 SF physician office building, a five-story, 127-bed patient tower addition, expansion of the central plant, and a new, six-story, 191,916 SF, 583-car parking garage. Multiple renovations were completed within the hospital including laboratory, dietary and conference spaces, pediatrics, nursing units, cafeteria, and sterile processing. Facility also has a helipad.</p> <p>Architect HarleyEllis Deveraux, Southfield, MI</p>
<p>Cleveland Museum of Art Phase I Cleveland, OH</p> <p>Start - Completion Dates 06/05 - 12/09</p> <p>Percent With Own Forces 0%</p>	<p>\$ 68,446,000</p> <p>Phased expansion and renovation totaling more than 588,000 SF to the museum and included a new gallery wing, new parking structure, a new central utility plant, and renovation of the historic 1916 and 1971 art buildings. Project included a complete upgrade of MEP, fire protection, and building management systems and coordination of a new steam and humidification system to protect the sensitive art environment.</p> <p>Architect Rafael Vinoly Architects, New York, NY</p>
<p>KeyBank Operations Center Cleveland, OH</p> <p>Start - Completion Dates 10/07 - 04/09</p> <p>Percent With Own Forces 0%</p>	<p>\$ 53,000,000</p> <p>New operations center facility is a single story structure consisting of 43,800 SF of data center and raised flooring, 10,000 SF of office space/expansion area, and 43,000 SF of infrastructure support space. Building is constructed of insulated, precast wall panels with a structural steel roof and columns. Extensive underground utilities support the mechanical and electrical systems.</p> <p>Architect Bruns-Pak, Edison, NJ</p>
<p>University Hospitals Vision 2010 Neonatal Intensive Care Unit Cleveland, OH</p> <p>Start - Completion Dates 12/07 - 03/09</p> <p>Percent With Own Forces 0%</p>	<p>\$ 16,041,423</p> <p>The neonatal intensive care unit (NICU) project is comprised of renovation of 27,000 SF of the Rainbow Babies & Children's Hospital building, installation of a new elevator to connect the second level of labor and delivery to the fourth floor future home of the NICU, and private patient rooms accommodation.</p> <p>Architect Parkin Architects Limited, North York, Ontario, Canada</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>Grange Mutual Insurance Corporate Headquarters Columbus, OH</p> <p>Start - Completion Dates 12/06 - 01/09</p> <p>Percent With Own Forces 0%</p>	<p>\$ 97,406,250</p> <p>Construction management services for addition, expansion and enhancement of current corporate campus including a new, 10-story, 241,000 SF office building with support space. A new bridge connects the building to a new, 1,000-car parking garage that includes 22,000 SF of retail space. Other amenities include a cafeteria with indoor and outdoor dining space, 5,500 SF fitness center, 16,000 SF training academy, multi-purpose rooms, 15,000 SF of green roof, and a 13,000 SF Tier II data center.</p> <p>Architect NBBJ, Columbus, OH</p>
<p>Lorain County Community College Library/ Community Resource Center Elyria, OH</p> <p>Start - Completion Dates 04/07 - 08/08</p> <p>Percent With Own Forces 0%</p>	<p>\$ 21,800,000</p> <p>New, three-story, 85,452 SF academic facility at Lorain County Community College (LCCC). The program includes a dramatic enhancement of library services with more than 600 study seats, 125 computer stations, 13 enclosed group study rooms and 11 open group study areas, and a capacity of more than 190,000 volumes. Experimental classrooms and distance learning facilities were also integrated. This project was awarded LEED-NC v2.2 Certified.</p> <p>Architect Sasaki Associates, Watertown, MA</p>
<p>NASA John Glenn Research Center S40 Program Contract # NAS3-03121 Cleveland, OH</p> <p>Start - Completion Dates 06/01 - 08/08</p> <p>Percent With Own Forces 0%</p>	<p>\$ 1,430,000</p> <p>S40 is a portion of property located at Cleveland Hopkins International Airport that will be used to build an additional runway. Project included rebuilding a number of GRC test facilities and relocating the equipment from those facilities while ensuring NASA's mission to do research is not disrupted. Projects included installing a liquid hydrogen transfer station, altitude combustion stand research building, and relocating a chemical storage facility.</p> <p>Architect Middough Associates (MAI), Cleveland, OH</p>
<p>KeyBank Branch Modernization Cleveland, OH</p> <p>Start - Completion Dates 09/07 - 05/08</p> <p>Percent With Own Forces 0%</p>	<p>\$ 12,500,000</p> <p>Modernization of 19 bank branches within KeyBank's Great Lakes Region covering Ohio, Indiana, and Michigan. Renovations ranged in size from 1,500 to 15,000 SF and were coordinated around on-going bank operations.</p> <p>Architect Gensler and Associates, Chicago, IL</p>
<p>Ohio School Facilities Commission (OSFC) Galion City Schools Galion, OH</p> <p>Start - Completion Dates 03/06 - 05/08</p> <p>Percent With Own Forces 0%</p>	<p>\$ 50,200,000</p> <p>New elementary school housing grades PK-2; new elementary school housing grades 3-5; new middle school housing grades 6-8; new high school housing grades 9-12; and abate and demolish Dawsett, North, Renschville and Wilma Crall elementary schools, Galion Middle School, and Galion High School.</p> <p>Architect Fanning/Howey Associates, Inc., Celina, OH</p>

**AIA A305 Item 3.5 Completed Projects Past 5 Years
Gilbane Building Company – Central Region**

<p>Ohio School Facilities Commission (OSFC) Seneca East Schools Attica, OH</p> <p>Start - Completion Dates 06/06 - 05/08</p> <p>Percent With Own Forces 0%</p>	<p>\$ 27,400,000</p> <p>New, 2-story, 159,000 SF school to house grades PK-12 and career technical students. The facility will allow a consolidation of 3, existing schools into one building on one main campus. Features include 2, 1,300-seat gyms, 56 classrooms, 400 computer work stations, and a multi-tiered auditorium/cafeteria. Scope of work also included the abatement and demolition of Seneca Huron Elementary, Seneca East Junior High/Republic Elementary, and Seneca East High/Attica Elementary schools.</p> <p>Architect Fanning/Howey Associates, Inc., Celina, OH</p>
<p>Ricerca BioSciences, LLC Comparative Medicine Expansion Project Concord, OH</p> <p>Start - Completion Dates 05/07 - 03/08</p> <p>Percent With Own Forces 0%</p>	<p>\$ 6,700,000</p> <p>One-story, 16,000 SF animal vivarium addition to an existing, operational research facility. The building included 10 animal holding rooms, auto-clave, cage washer, and a second story interstitial space to house the mechanical systems. The project was completed on an accelerated and compressed 145-day schedule.</p> <p>Architect Ronald Kluchin Architects, Beachwood, OH</p>
<p>University of Kentucky Parking Garage Lexington, KY</p> <p>Start - Completion Dates 02/06 - 03/08</p> <p>Percent With Own Forces 0%</p>	<p>\$ 32,751,000</p> <p>Preconstruction and construction services for a new, 1,600-car parking garage to be built and connected to new and existing facilities via an overhead pedestrian bridge. Also includes expansion of Hugelett Road.</p> <p>Architect Gartner, Burdick, Bauer-Nilsen, Cincinnati, OH</p>
<p>OhioHealth Dublin Methodist Hospital Dublin, OH</p> <p>Start - Completion Dates 10/05 - 01/08</p> <p>Percent With Own Forces 0%</p>	<p>\$100,600,000</p> <p>New construction of a 325,400 SF community hospital and healthcare facility with 94 patient beds, an emergency department, inpatient and outpatient services, LDRs, intensive-care rooms, and general medical/surgical services situated on an 89-acre greenfield site. A new central utility plant with three boilers; a 20,000-gallon fuel oil tank; two, 750-ton chillers; cooling towers; and two generators were also included in the scope of work.</p> <p>Architect Karlsberger (Out of Business), Columbus, OH</p>

AIA[®] Document A305[™] – 1986

Contractor's Qualification Statement

The Undersigned certifies under oath that the information provided herein is true and sufficiently complete so as not to be misleading.

| **SUBMITTED TO:** Steven Zannoni, Project Management Consultants

| **ADDRESS:** 127 Public Square 39th Floor, Cleveland, Ohio 44114

| **SUBMITTED BY:** Ozanne Construction Company, Inc.

| **NAME:** Dominic L. Ozanne

| **ADDRESS:** 1635 E. 25th Street, Cleveland, Ohio 44114-4201

| **PRINCIPAL OFFICE:** Same as above

| Corporation

| Partnership

| Individual

| Joint Venture

| Other

| **NAME OF PROJECT:** *(if applicable)* Cleveland Heights High School

TYPE OF WORK: *(file separate form for each Classification of Work)*

| General Construction

| HVAC

| Electrical

| Plumbing

| Other: *(Specify)* Construction Management

§ 1 ORGANIZATION

| § 1.1 How many years has your organization been in business as a Contractor? 57

| § 1.2 How many years has your organization been in business under its present business name? 57

§ 1.2.1 Under what other or former names has your organization operated?

| None

| § 1.3 If your organization is a corporation, answer the following:

| § 1.3.1 Date of incorporation: July 1956

| § 1.3.2 State of incorporation: Ohio

| § 1.3.3 President's name: Dominic L. Ozanne

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

This form is approved and recommended by the American Institute of Architects (AIA) and The Associated General Contractors of America (AGC) for use in evaluating the qualifications of contractors. No endorsement of the submitting party or verification of the information is made by AIA or AGC.

§ 1.3.4 Vice-president's name(s)

Robert Fitzgerald, III and Fred Rodgers, Jr.

§ 1.3.5 Secretary's name: N/A

§ 1.3.6 Treasurer's name: N/A

§ 1.4 If your organization is a partnership, answer the following: N/A

§ 1.4.1 Date of organization:

§ 1.4.2 Type of partnership (if applicable):

§ 1.4.3 Name(s) of general partner(s)

§ 1.5 If your organization is individually owned, answer the following: N/A

§ 1.5.1 Date of organization:

§ 1.5.2 Name of owner:

§ 1.6 If the form of your organization is other than those listed above, describe it and name the principals: N/A

§ 2 LICENSING

§ 2.1 List jurisdictions and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable.

(Ohio #256585) – (City of Cleveland #12405) – (Louisiana #36593055F) – (Atlanta, GA #076837LGB)

§ 2.2 List jurisdictions in which your organization's partnership or trade name is filed.

Ohio – City of Cleveland – Louisiana – Atlanta, GA

§ 3 EXPERIENCE

§ 3.1 List the categories of work that your organization normally performs with its own forces.

General Contracting, Construction Management, Program Management, Design-Build

§ 3.2 Claims and Suits. (If the answer to any of the questions below is yes, please attach details.)

§ 3.2.1 Has your organization ever failed to complete any work awarded to it?

No

§ 3.2.2 Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or its officers?

Yes (see below)

§ 3.2.3 Has your organization filed any law suits or requested arbitration with regard to construction contracts within the last five years?

Yes

1. Ozanne Construction Company, Inc. vs. MAG, Inc. (Case No. CV-06-599053)
(Consolidated with Case No, CV-06-582552 MAG, Inc. vs. Doty & Miller Architects & Planners, Inc. vs. Tim Norris & Associates, Inc.) Contract Dispute – *Judgment for Ozanne*

2. George Eaton vs. Ozanne Construction Company, Inc., - Court of Common Pleas, Cuyahoga County, Ohio (Case No. CV-10-743052) – Workers Compensation Case – *Closed – Referred to BWC*
3. William Rhodes et. al. vs. Ozanne Construction Company, Inc., et. al. – Court of Common Pleas, Cuyahoga County, Ohio (Case No. CV-10-721142) – Workers Compensation Case – *Closed*
4. Cordae Hankton vs. Gino Ray et. al., Civil District Court for the Parish of Orleans, State of Louisiana (Case No. 10-13125) – Automobile Accident – *Pending*
5. Prime Interiors, LLC vs. Ozanne Construction Company, Inc. (Case No. CV-11-769733) – Contract Dispute - *Settled*

§ 3.3 Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract? (If the answer is yes, please attach details.)

No

§ 3.4 On a separate sheet, list major construction projects your organization has in progress, giving the name of project, owner, architect, contract amount, percent complete and scheduled completion date.

See attachment

§ 3.4.1 State total worth of work in progress and under contract:

\$111,847,964

§ 3.5 On a separate sheet, list the major projects your organization has completed in the past five years, giving the name of project, owner, architect, contract amount, date of completion and percentage of the cost of the work performed with your own forces.

See attachment

§ 3.5.1 State average annual amount of construction work performed during the past five years:

\$95.78 million in construction value

§ 3.6 On a separate sheet, list the construction experience and present commitments of the key individuals of your organization.

See section 4 of proposal / Team Organizational Chart and Resumes

§ 4 REFERENCES

§ 4.1 Trade References:

- Independence Excavating, Inc. / 5722 Schaaf Road/Independence, Ohio 44131 (216) 524-1700
- E.B. Katz, Inc. / 930 East 70th Street, Cleveland, Ohio 44103 (216) 431-6962
- Gateway Electric Company, Inc. / 4450 Johnston Parkway, Cleveland, Ohio 44128 (216) 518-5500

§ 4.2 Bank References:

- KeyBank / 127 Public Square, Cleveland, Ohio, Ohio 44114 (216) 689-8692 / Attn: Joseph Paterniti

§ 4.3 Surety:

§ 4.3.1 Name of bonding company:

Travelers Casualty and Surety Company of America

§ 4.3.2 Name and address of agent:

L Calvin Jones and Company / 3744 Starr Centre Drive, Canfield, Ohio 44406-0156, Contact: Richard Wisnoskey (440) 331-6854 – Al Miller (330) 533-1195

§ 5 FINANCING

§ 5.1 Financial Statement.

§ 5.1.1 Attach a financial statement, preferably audited, including your organization's latest balance sheet and income statement showing the following items:

Current Assets (e.g., cash, joint venture accounts, accounts receivable, notes receivable, accrued income, deposits, materials inventory and prepaid expenses);

Net Fixed Assets;

Other Assets;

Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes);

Other Liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings).

§ 5.1.2 Name and address of firm preparing attached financial statement, and date thereof:

Barnes Wendling / 1215 Superior Avenue, Suite 400, Cleveland, Ohio 44114

§ 5.1.3 Is the attached financial statement for the identical organization named on page one?

Yes

§ 5.1.4 If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsidiary).

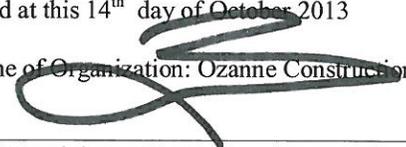
§ 5.2 Will the organization whose financial statement is attached act as guarantor of the contract for construction?

N/A

§ 6 SIGNATURE

§ 6.1 Dated at this 14th day of October 2013

Name of Organization: Ozanne Construction Company, Inc.

By: 
Dominic L. Ozanne

Title: President & CEO

§ 6.2

Mr. Dominic L. Ozanne being duly sworn deposes and says that the information provided herein is true and sufficiently complete so as not to be misleading.

Subscribed and sworn before me this 14th day of October 2013

Notary Public: Susan Banco Emerson

My Commission Expires:



SUSAN BANCO EMERSON
Notary Public, State of Ohio
My Commission Expires -5-07-2018

**AIA Document A305 - Contractor's Qualification Statement
Attachment 3.4 & 3.5**

3.4 - Major Construction Projects in Progress

Project Name	Owner	Architect	Project Value	Contract Amount	Scheduled Completion Date	Percent Complete
Wellington EV SD New 4-8 MS	Wellington Exempted Village SD	Then Design Architecture	\$ 16,028,797	\$ 15,953,000	2015	0%
Kent State University - Renovations and Addition for the School of Art	Kent State University	Payto Architects, Inc.	\$ 18,500,000	\$ 18,500,000	2014	3%
Cleveland Metropolitan Schools - District Wide Capital Improvement Program - Segment 6 (JV)	Ohio Schools Facilities Commission	Multiple Architects	\$ 52,431,221	\$ 2,775,710	2015	10%
Cleveland Metropolitan Schools - District Wide Capital Improvement Program - Segment 5 (JV)	Ohio Schools Facilities Commission	Multiple Architects	\$ 201,317,868	\$ 11,908,993	2015	70%
Northeast Ohio Regional Sewer District Project Controls	Northeast Ohio Regional Sewer District	Multiple Architects	\$ 500,000,000	\$ 3,631,686	2015	35%
Orleans Parish Sheriff's Office (OPSO) Recovery Program	Orleans Parish Sheriff's Office	Sizeler Thompson Brown Architects, Grace & Hebert Architects	\$ 266,000,000	\$ 23,961,438	2015	73%
General Services Administration Region 5 Construction Project Accounting Services	U.S. General Seviles Administration	N/A	\$ 770,000,000	\$ 2,331,776	2014	65%
Beachwood High School	Beachwood City School District BOE	Burt Hill, Inc.	\$ 13,450,000	\$ 13,450,000	2013	98%

3.5 - Major Projects Completed in the Last 5 Years

Project Name	Owner	Architect	Project Value	Contract Amount	Completion Date
Cleveland Medical Mart & Convention Center	MMPI Cleveland Development	URS Corporation	\$ 400,000,000	\$ 5,800,000	2013
Cuyahoga County Public Library - North Royalton	Cuyahoga County	Richard Fleischman + Partners Architects	\$ 8,400,000	\$ 503,734	2013
Cleveland Metropolitan Schools-District Wide Capital Improvement Program	Ohio Schools Facilities Commission	Multiple Architects	\$ 145,000,000	\$ 8,202,878	2013
CMHA Euclid Belmore Senior Housing	Cuyahoga Metropolitan Housing Authority	Richard Fleischman + Partners Architects	\$ 7,777,000	\$ 7,777,000	2012
Cleveland Water Department - Plant Enhancement Program (JV)	City of Cleveland	Multiple Architects	\$ 250,000,000	\$ 6,882,000	2012
Lorain County Community College - Culinary Arts Building	Lorain County Community College	Clark & Post, Inc.	\$ 10,800,000	\$ 5,500,000	2012
Lorain County Community College - Multipurpose Building	Lorain County Community College	Clark & Post, Inc.	\$ 11,600,000	\$ 5,925,000	2011
Avon Lake City Schools Renovations & Additions	Avon Lake City Schools	Fanning Howey Associates, Inc	\$ 7,700,000	\$ 5,600,000	2011
CMHA Headquarters Administrative Campus	Cuyahoga Metropolitan Housing Authority	Moody Nolan	\$ 15,700,000	\$ 15,700,000	2011
Warren City Schools Rebuilding Program (JV)	Warren City School District	Fanning Howey Associates, Inc.	\$ 151,794,000	\$ 8,725,921	2011
Cleveland Metropolitan Schools - District Wide Capital Improvement Program - Segment 3 (JV)	Ohio Schools Facilities Commission	Multiple Architects	\$ 148,000,000	\$ 6,248,261	2010
BAA's Cleveland Airmall at Cleveland Hopkins International Airport - Concourse & Terminal Infrastructure Renovations	BAA USA, Inc./ Various Owners	Westlake Reed Leskosky	\$ 11,789,000	\$ 11,789,000	2010
Juvenile Justice Center	Cuyahoga County of Ohio	Ralph Tyler Companies, Jacobs Inc, Vocon Inc	\$ 180,000,000	\$ 8,398,408	2010
Health Careers & Technology Building	Cuyahoga Community College	URS Corporation	\$ 18,300,000	\$ 1,526,529	2010

3.5 - Major Projects Completed in the Last 5 Years

Project Name	Owner	Architect	Project Value	Contract Amount	Completion Date
Nordson Corporate Headquarters	Nordson Corporation	Clark & Post Architects	\$ 4,713,800	\$ 4,713,800	2010
UHHS Management Services Center	Univesity Hospitals Health System	Array Healthcare Facilities Solutions, Ralph Tyler Companies	\$ 4,000,000	\$ 4,000,000	2009
UHHS Vision 2010 Enabling Projects	Univesity Hospitals Health System	Array Healthcare Facilities Solutions	\$ 13,000,000	\$ 13,000,000	2008
CCF Debra Ann November Center for Autism at Lerner School	Cleveland Clinic Foundation	Westlake Reed Leskosky	\$ 6,000,000	\$ 6,000,000	2008
Liberty at St. Clair Adult Housing	Cleveland Housing Network	Weese Langley Weese Architects	\$ 7,200,000	\$ 7,200,000	2007
Riverside Estates Elderly Apartment Complex & Family Townhomes	Cuyahoga Metropolitan Housing Authority	Lowenstein Durante Architects	\$ 13,250,000	\$ 13,250,000	2007
Cleveland Metropolitan Schools - District Wide Capital Improvement Program - Segment 2 (JV)	Ohio Schools Facilities Commission	Multiple Architects	\$ 178,000,000	\$ 5,531,317	2007