

CAPABILITY STATEMENT

Core Competencies: Experts in designing healthcare, education, residential, commercial & mixed-use facilities.

Key Differentiators:

- Minority-owned and operated architectural and structural engineering design services company.
- Experience and consistency during all phases of each project with principal involvement from start to finish.

Company Brief:

Established in 1989, M&E ARCHITECTS+ENGINEERS, LLC is an interdisciplinary design firm intent on bridging the gap between architecture and environment. Our practice is tailored on **CONTEXT: *architecture rooted in its social and environmental fabric***; **SYNERGY: *holistic collaboration between all stakeholders***; **INTEGRITY: *enhanced human experience throughout the process***. These core values were not concocted at the inception of our practice but have become the DNA on which our practice has been flourishing.

M&E brings together a team of design professionals with over ninety years of combined experience in planning and designing a wide range of building types for Healthcare, Education, Residential, Commercial and Mixed-use facilities with majority of our portfolio saturated with restoration, renovation and adaptive reuse projects totaling over \$1 billion in construction. Our team provides you a diverse set of design solutions that will cut operating and maintenance cost, provide long-term flexibility and minimize impact to the environment. Our approach is different from our competition because we realize it is not “one size fits all”. We tailor a plan for each project to suit your scope and budget, and then you decide the level of support. Our relationship goes beyond occupancy.

CORPORATE PROFILE	
Corporate Headquarters	205 West Highland Avenue Milwaukee WI 53203 USA
Point of Contact	Isaac Menyoli, AIA, NCARB, LEED <i>Architect, President</i> studio@MEAS-LLC.com
Phone	(414) 690-1256
Federal Certifications	<ul style="list-style-type: none"> • SBA 8a – U.S. Small Business Administration (Pending)
State & County Certifications	<ul style="list-style-type: none"> • MBE - State of WI Minority Business Enterprise • MBE - Milwaukee Co. Minority Business Enterprise • DBE - Milwaukee Co. Disadvantaged Business Ent • MBE - City of Milwaukee Minority Business Enterprise • SBE - City of Milwaukee Small Business Enterprise • SBE - City of Madison Small Business Enterprise • SBE - Milwaukee Co. Small Business Enterprise
Federal EIN	74-3088360
Duns #	134799951
Cage Code #	5LZF4
Website	www.MEAS-LLC.com

NAICS CODES	
541310	Architectural Services
541330	Engineering Services
541340	Drafting Services
541350	Building Inspection Services
541410	Interior Design Services
541430	Graphic Design Services

SERVICES
<ul style="list-style-type: none"> • Architectural Design • Structural Engineering Design • Interior Design • Programming • Master Planning • LEED Design & Documentation • Code Compliance Review • Budgeting & Estimating • Facilities Condition Assessment • Feasibility Studies • Construction Documents & Admin • BIM (Autodesk Revit) Specialist • 3D Modeling, Rendering & Animation • Architectural Model Building • Graphic Design • Product Design



FIRM PROFILE



Firm Name: M&E ARCHITECTS+ENGINEERS

Established: 1989

Firm Size: 4 – 8 Employees

Legal Status: Limited Liability Company

Certificate: Refer to the following page

BUILDING ENVELOPE EXPERTISE

Since 1998, M&E have been providing a full range of building envelope planning, designing and construction administrative services for private and public clients on new and existing facilities in the commercial and residential industry. Our attention to detail and client satisfaction is reflective in the quality of our instruments of service. Our core areas of design consulting services related to building envelope include:



Historic Structure Preservation, Rehabilitation & Restoration

- U.S. Dept. of Interior Historic Preservation Standards & Guidelines.
- Evaluate Historic Masonry/Window for Repair or Replacement.
- Documentation of Proposed Masonry/Window Replacement.
- New Design Additions to Historic Properties.
- Codes & Regulatory Requirements for Rehab of Historic Buildings.
- Sustainable Green Building Practices (LEED) for Historic Buildings.
- Evaluate Substitute Materials in Historic Building.
- Construction Documents & Admin with Costing for Historic Buildings.



Building Envelope Design Services – New Facilities

- Building Materials/Systems Research & Continuing Education.
- Evaluate Exterior Wall Systems.
- Evaluate Window/Curtain Wall Systems.
- Evaluate Roof Systems.
- Design & Detailing of Building Envelopes with Autodesk Revit (BIM).
- Codes & Regulatory Requirements for Building Envelope.
- Sustainable Green Building Practices (LEED) for New Buildings.
- Construction Documents & Administration with Costing.
- Post-Occupancy Evaluation.



Building Envelope Design Services – Existing Facilities

- Building Envelope Facilities Condition Assessment & Reporting.
- Building Envelope Facilities Documentation.
- Non-Destructive Testing & Evaluation of Building Envelopes.
- Existing Facilities Modeling with Autodesk Revit (BIM).
- Design & Detailing of Building Envelopes with Autodesk Revit (BIM).
- Codes & Regulatory Requirements for Building Envelope.
- Sustainable Green Building Practices (LEED) for Existing Buildings.
- Professional Design Services Team Management.
- Construction Documents & Administration with Costing.
- Post-Construction Evaluation.

United States of America
State of Wisconsin



DEPARTMENT OF FINANCIAL INSTITUTIONS

Division of Corporate & Consumer Services

To All to Whom These Presents Shall Come, Greeting:

I, PAUL M. HOLZEM, Administrator of the Division of Corporate and Consumer Services, Department of Financial Institutions, do hereby certify that

M&E ARCHITECTS+ENGINEERS, LLC

is a domestic corporation or a domestic limited liability company organized under the laws of this state and that its date of incorporation or organization is April 25, 2003.

I further certify that said corporation or limited liability company has, within its most recently completed report year, filed an annual report required under ss. 180.1622, 180.1921, 181.1622 or 183.0120 Wis. Stats., and that it has not filed articles of dissolution.



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department on June 26, 2012.

A handwritten signature in cursive script that reads 'Paul M. Holzem'.

PAUL M. HOLZEM, Administrator
Division of Corporate and Consumer Services
Department of Financial Institutions

Effective July 1, 1996, the Department of Financial Institutions assumed the functions previously performed by the Corporations Division of the Secretary of State and is the successor custodian of corporate records formerly held by the Secretary of State.

DFI/Corp/33

To validate the authenticity of this certificate

Visit this web address: <http://www.wdfi.org/apps/ccs/verify/>

Enter this code: **108042-1A0078AA**



M&E ARCHITECTS + ENGINEERS

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HEALTHCARE

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
1995	Associates for Health Care	16655 W Wisconsin Ave Brookfield WI 53005	Associates for Health Care	T3			X			19,164	\$2,874,600	Site Map
1995	Associates for Health Care	17035 W Wisconsin Ave Brookfield WI 53005	Associates for Health Care	T3			X			19,124	\$2,874,000	Site Map
1995	Children's Medical Group Inc	5007 S Howell Ave Milwaukee WI 53207	Children's Medical Group Inc	T3				X		8,828	\$1,324,200	Site Map
1995	Psych Evaluation & Treatment Clinic	2600 N Mayfair Rd Suite 635 Wauwatosa WI 53226	PETC	T3				X		6,300	\$750,000	Site Map
1995	Doctor Andrew Seter MD S.C.	1720 W Florist Ave Glendale WI 53209	Dr Andrew Seter MD	T3				X		6,200	\$620,000	Site Map
1996	Hospice Preferred Choice	5007 S Howell Ave Milwaukee WI 53207	Sampson Investments	T3				X		3,943	\$374,585	Site Map
1996	Nova Care	101 W Pleasant St Milwaukee WI 53212	Nova Care	T3				X		51,181	\$1,750,000	Site Map
1999	Medpoint Clinic - Glendale	2501 W Silver Spring Dr Glendale WI 53209	Medpoint Medical Clinics	M&E			X			9,800	\$1,500,000	Site Map
2005	The Eye Center	262 Neil Avenue Columbus OH 43215-2362	The Eye Center (TWP)	M&E			X			120,000	\$45,000,000	Site Map
2008	Elmbrook Memorial Hospital (Renovation)	19333 West North Ave Brookfield WI 53045	Wheaton Franciscan (eua)	M&E		X		X		56,000	\$15,000,000	Site Map
2010	Medpoint Clinic - Greenfield	5233-5235 S 27th St Greenfield WI 53221	Medpoint Medical Clinics	M&E			X	X	X	10,000	\$1,250,000	Site Map
2010	Appleton Medical Clinic	7225 W Appleton Ave Milwaukee WI 53216	Hasan-Nazir LLC	M&E				X		8,082	\$750,000	Site Map
Total											\$74,067,385	

MEDPOINT CLINIC - Glendale

New healthcare building, Glendale, Wisconsin, USA

Size: 9,800 sf | Exam Rooms | Waiting Areas | Offices | X-ray | Sleep Center | Labs | Pharmacy | Medical Spa
Cost: \$1.5 million
Completion: 1999
Client: Medpoint Medical Clinic

After practicing for a large hospital for over 10 years, the doctor envisioned a clinic that would be efficient in its operation and patient satisfaction-oriented. The result was the design of this new medical clinic which was one of the first buildings that initiated the revitalization of the Silver Spring corridor at the seams of the City of Milwaukee and the City of Glendale. The design is a symmetrical building with an arch entrance leading into the central sun-lite spin. The design characteristics of the arch later became the image of Medpoint Clinic's logo. The skin of the building was designed in two shades of brick interwoven by full height windows that brought sunlight deep into the building. At the presentation of this project to the City of Glendale's development board members, it was acknowledged that the building and site design were exceptionally conceived.





THE EYE CENTER

New healthcare building, Columbus, Ohio, USA

Size: 120,000 sf | Outpatient Surgery Center | LASIK Center | The Eye Bank | Labs | Offices | Social Spaces |
Cost: \$45 million
Completion: 2005
Client: The Eye Center of Ohio

The Eye Center has over 50 Ophthalmologists working together to provide quality eye care in central Ohio. The Eye Center brings together community ophthalmic resources in one technologically advanced facility. This focused approach to the care, treatment and prevention of vision disorders supports the physicians in their goal to make The Eye Center a national Center of Excellence. In addition to offering comprehensive eye care services, the facility is a destination for community and patient education supported by The Eye Centers foundation. The physicians and staff host educational programs, support groups and lectures to further the awareness of vision health through prevention, diagnosis and treatment. The foundation also supports clinical programs that further the training of students, resident physicians and practicing doctors.

Isaac Menyoli was consultant architect on this project for TWP. Isaac's role included working with the TWP design teams and coordinating the work of other consultants with that of TWP. Since this building was placed in a high seismic zone, one of Isaac's responsibilities was working with the engineering design consultant and elevator manufacturers in selecting elevators and design the elevator shafts to meet not only the sensitivity of the operations but also that of potential earthquake hazard. Isaac also prepared site plan, floor plans, building core/shell sections and envelope details for the entire building.





MEDPOINT CLINIC - Greenfield

Addition, renovation, restoration and adaptive reuse healthcare building, Greenfield, Wisconsin, USA

Size: 10,000 sf | 8 Exam Rooms | Waiting Area | Offices | X-ray | Minor Surgery | Laboratory | Pharmacy |
Cost: \$1.25 million
Completion: 2010
Client: Medpoint Medical Clinic

To further create a breeding ground to their success from the first Medpoint Clinic in Glendale, the doctor and wife team this time expanded their operations into an abandoned retail building on 27th Street business corridor. As the architect and structural engineer, M&E ARCHITECTS ENGINEERS navigated the client and staff space planning needs from the onset. Faced with the existing building architectonics, a complete structural and envelope analysis report was compiled which allowed the team to seamlessly integrate a full service medical clinic on the north wing and a community center on the south wing.

Borrowing from design cues from the first Medpoint Clinic, two new tower entrances with archways were added and set apart to demarcate the entrances into each function. To bring sunlight deep into the interior spaces, ceilings were flushed with window heads. Blending the existing burgundy brick with the new red clay brick and burnished block walls symbolized the unification of old and new. The building, as the mayor of Greenfield noted, is a beacon on this busy corridor.





Design

Existing building

APPLETON MEDICAL CLINIC

Renovation and adaptive reuse healthcare building, Milwaukee, Wisconsin, USA

Size: 7,523 sf | 13 Exam Rooms | Waiting Areas | 8 Offices | Staff Lounge | Receptions |
Cost: \$750,000
Completion: 2010
Client: Hasan-Nazir, LLC

This project was initiated by two doctors with long years of family medicine practice from a larger hospital. Their need to serve this busy community in the heart of Milwaukee meant they had to work within the framework of current site and building stocks. Their program required a complete gut-renovation of the interior of this once Shorewest Realtors office to include exam rooms, waiting areas, offices, staff lounge and reception area.

M&E's success in designing the Medpoint Clinics landed us the opportunity to work with these doctors through the referral process. M&E ARCHITECTS ENGINEERS provided programming, design and construction administration services to meet the needs of the doctors and staff nurses from the project inception through construction. The project was designed and constructed within four months.





Existing interior



M&E ARCHITECTS + ENGINEERS

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EDUCATION

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
1995	Educational Center	5315 N Lovers Lane Rd Milwaukee WI 53225	Educational Center	T3				X		4,608	\$437,760	Site Map
1996	Holy Angels Gymnasium (Structural Analysis)	1510 N 70th Street Milwaukee WI 53213	Milwaukee Catholic Arch Diocese	AE3				X		8,500	\$200,000	Site Map
1996	Easter Seals Building Renovation	Milwaukee WI	Easter Seals Society Inc	AE3				X			\$20,000	
1996	Saint Leo's School (Gymnasium Remodeling)	514 North 31st Street Milwaukee WI 53208	Milwaukee Catholic Arch Diocese	AE3				X			\$700,000	Site Map
1998	Circle of Friends	7918 W Capitol Dr Milwaukee WI 53222	Mr John Molennar	AE3				X		6,370	\$477,750	Site Map
1998	Saint Leo's School (Toilet Rooms)	514 North 31st Street Milwaukee WI 53208	Milwaukee Catholic Arch Diocese	AE3				X			\$50,000	Site Map
1998	South East Youth & Family Daycare Center	4050 N 34th St Milwaukee WI 53216	South East Youth & Fam	AE3				X		13,478	\$200,000	Site Map
1999	Jubilee of Colors - Day Care	1026 W Atkinson Ave Milwaukee WI 53206	Nicole Irving	AE3				X		1,400	\$10,000	Site Map
2000	Saint Leo's School	514 North 31st Street Milwaukee WI 53208	Saint Leo's School	AE3				X		1,911	\$200,000	Site Map
2000	Burrell Daycare & Learning Center	4122 W Fond Du Lac Ave Milwaukee WI 53216	Mabell Burrell	AE3				X		4,142	\$10,000	Site Map
2001	Ballet School	New Berlin WI	Irgens Development	AE3				X			\$70,000	
2001	South Eastern School	New Berlin WI	Southeastern Youth & Family Services Inc	AE3				X			\$175,000	
2003	Twety Tots Day Care	3552 W Villard Ave Milwaukee WI 53209	Charles Dickens	M&E				X		2,750	\$45,000	Site Map
2003	Mount Calvary Day Care Center	5900 W National Ave West Allis WI 53214	Mt Calvary Day Care	AE3				X		4,300	\$408,500	Site Map
2003	Good News Church of Deliverance Renovation	3300 W Burleigh St Milwaukee WI 53210	Charles Dickens	M&E				X		10,500	\$65,000	Site Map
2003	Greater Holy Temple Christian Learning Center	3401 N 76th Street Milwaukee WI 53222	Charles Dickens	M&E				X		3,142	\$175,000	Site Map
2003	Janet Quinney Lawson Campus Services Building	901 E 650 N Logan Utah 84322	Utah State University	JA		X	X	X		27,000	\$2,500,000	Site Map
2004	Congregation Shalom	7630 N Santa Monica Blvd Fox Point WI 53217	Congregation Shalom (TWP)	M&E			X	X		2,910	\$450,000	Site Map
2005	MPS 35th Street School (Addition + Renovation)	3517 W Courtland Ave Milwaukee WI 53209	Milwaukee Public School (BDC)	M&E			X	X		39,000	\$5,600,000	Site Map
2005	Church of the First Born International	4701 N 76th St Milwaukee WI 53218	Linda Dickens	M&E				X		10,542	\$45,000	Site Map
2007	Generations Park	1099 S 8th St Milwaukee WI 53204	United Community Center, Inc (Diane E.)	M&E			X	X	X	55,500	\$350,000	Site Map
2008	Fisher & Smith Memorial Gymnasium	15 La Madera Road Sandia Park NM 87047	Bernalillo Co & East Mountain High School	KCA		X	X	X	X	19,000	\$4,000,000	Site Map
2008	Esther Bone Memorial Library Renovation	950 Pinetree Road SE Rio Rancho NM 87124	City of Rio Rancho	KCA		X	X	X	X	12,250	\$800,000	Site Map
2009	Greenfield High School	4800 S 60th St Greenfield WI 53220	City of Greenfield (eua)	M&E		X	X	X		230,000	\$42,000,000	Site Map
2009	Bathel A.M.E. Church Ramp Addition	4103 N 35th St Milwaukee WI 53216	Mr. Roosevelt McKinney	M&E				X		5,194	\$5,000	Site Map
2009	J. Willard Marriott Library	295 S 1500 E Salt Lake City UT 84112	University of Utah	MJSA			X	X		600,000	\$79,000,000	Site Map
2010	South Valley Community Center	2008 Larrazolo Road SW Albuquerque NM 87105	Bernalillo County	KCA		X	X		X	18,000	\$5,000,000	Site Map
2011	Southwest Center For Rangeland Sustainability	#4 University Road Corona NM 88318	New Mexico State University	KCA		X	X		X	10,900	\$1,000,000	Site Map
2011	Islamic Resource Center - Greenfield	5235 S 27th St Greenfield WI 53221	Medpoint Medical Clinics (Janan Najeeb)	M&E				X	X	4,296	\$750,000	Site Map
2011	Windhorse Retreat Center	W7110 County Rd U Plymouth WI 53073	Shambhala Center of Milwaukee (Sue Firer)	M&E	Silver	X		X	X	4,807	\$500,000	Site Map
2011	UW Milwaukee-Union Regeneration Planning	2200 E Kenwood Blvd Milwaukee WI 53211	State of WI-DOA/DSF (Jon Jenson) - WA	M&E	Silver	X	X	X		358,275	\$0	Site Map
2011	UW Milw-Zelazo Center Auditorium Seating Accessibility	2419 E Kenwood Blvd Milwaukee WI 53211	State of WI-DOA/DSF (Jon Jenson-Retired)	M&E				X		56,629	\$130,000	Site Map
2012	UW Milw-GLRF 3rd Floor Accessible Toilet Renovation	600 E Greenfield Ave Milwaukee WI 53204	State of WI-DOA/DSF (Jon Jenson-Retired)	M&E		X		X		500	\$110,000	Site Map
2012	UW Madison-Athletics Hockey/Swimming (La Bahn)	601 W Dayton St Madison WI 53715	State of WI-DOA/DSF (Tim Luttrell) - KS	M&E	Silver	X	X	X		128,000	\$28,000,000	Site Map
2012	UW Milw-Chapman Hall Envelope Restoration Report	2310 E Hartford Ave Milwaukee WI 53211	State of WI-DOA/DFD (Dave Bartelt)	M&E				X		34,806	\$0	Site Map
2013	Holiday Park Multigenerational Center	11710 Comanche Rd NE Albuquerque NM 87111	City of Albuquerque	KCA		X	X	X	X	18,000	\$3,700,000	Site Map
2014	UW Milw-Chapman Hall Historic Masonry Restoration	2310 E Hartford Ave Milwaukee WI 53211	State of WI-DOA/DFD (Owen Landsverk)	M&E		X		X		34,806	\$184,600	Site Map
2014	UWMadison School of Nursing	777 Highland Ave Madison WI 53705	State of WI-DOA/DSF (Tim Luttrell)	M&E	Silver	X	X			166,536	\$34,000,000	Site Map
2015	UW Oshkosh-Clow Hall Renovation	805 Algoma Blvd Oshkosh WI 54901	State of WI-DOA/DFD (Joe Sokal) - KS	M&E	Silver	X		X		143,000	\$30,000,000	Site Map
Total											\$241,368,610	

JANET QUINNEY LAWSON CAMPUS SERVICES BUILDING

Addition and Renovation of education building, Salt Lake City, Utah, USA

Size: 27,000 sf | GIS Laboratory | Assistive technology laboratory |

Cost: \$2.5 million

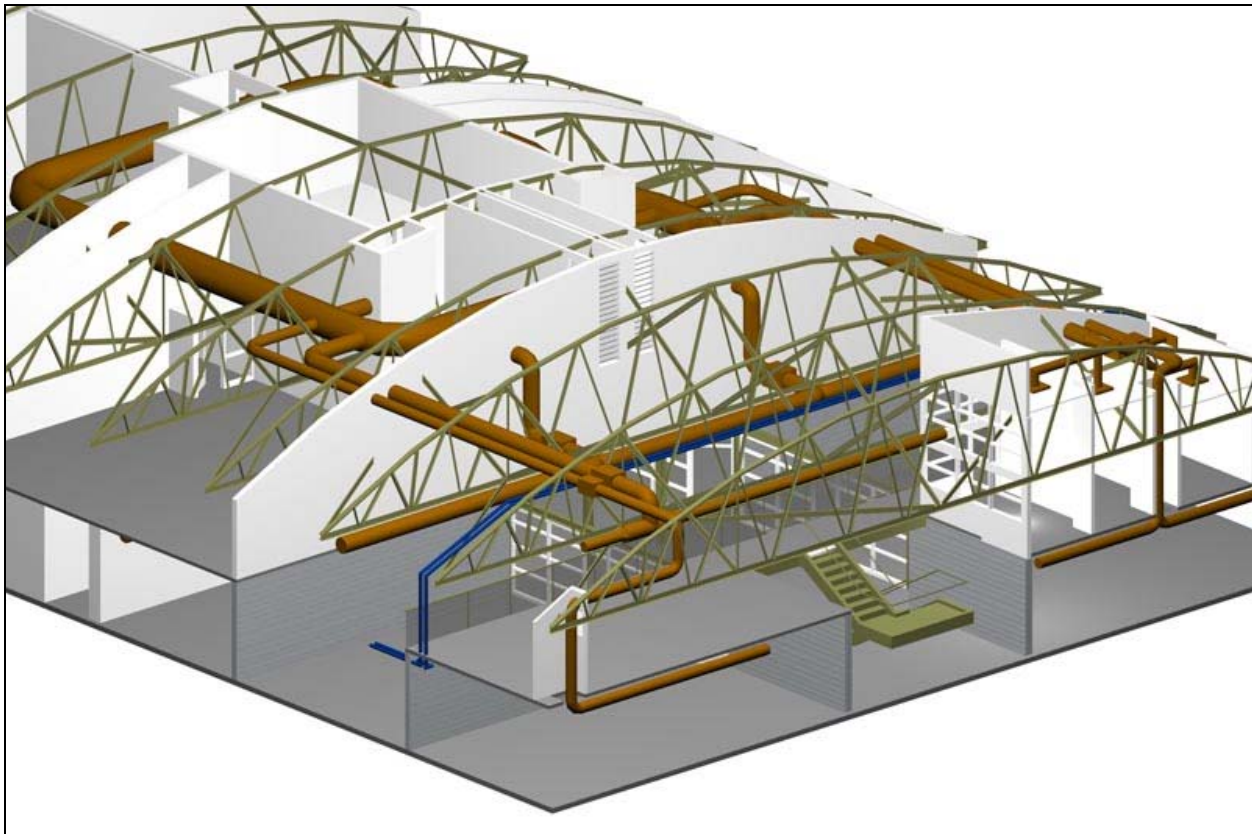
Completion: 2003

Client: Utah State University, Salt Lake City, Utah

The project was a renovation and addition of this 27,000 square foot, \$2.5 million facility for the College of Natural Resources as a Geo-Spatial Science Center. The Project is an adaptive reuse and addition to a vintage 1960 two-story masonry building with original bow-string steel roof trusses. Its central location on the Utah State University campus provides an ideal location for the College of Natural Resources. Prior to renovation, the building was encumbered with outdated equipment and systems, make-shift partitions, sagging ceilings, as well as abandoned pipes and conduits. Over time, the building had amassed a patch work of inefficient functions to include vehicle parking and unused leftover spaces. A wholesale cleanout of the building was both necessary and performed. Multiple functions for the graduate students of the college were then programmed into the redesign including a GIS Laboratory, The Assistive Technology Laboratory, a premier design and fabrication laboratory used by social service agencies, disability-related service agencies, university departments, and individual consumers statewide. In an effort to maximize useable floor space in the interior of the existing building, the vertical circulation and lobby elements were placed on the exterior, simultaneously acting as buttresses to the structural frame and creating a visual identity to the redesigned entrances.

Sam Edwards was project architect on this project with Jacoby Architects and perform design services from predesign through construction administration. He was also instrumental in BIM modeling and presentation renderings.





MPS 35th STREET SCHOOL ADDITION & RENOVATION

Addition, renovation, restoration of education building & athletic fields, Greenfield, Wisconsin, USA

Size: 39,000 sf | Classrooms | Workshop | Offices | Gymnasium | Library | Lobby |

Cost: \$5.6 million

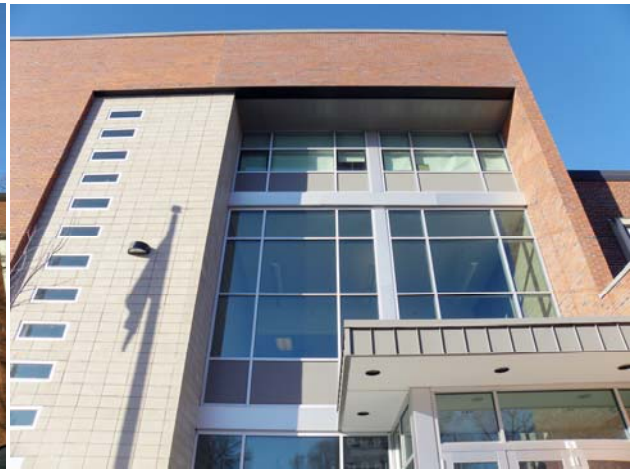
Completion: 2005

Client: Milwaukee Public School (BDC)

As part of the Neighborhood Schools Initiative, Milwaukee Public Schools requested a new three-story classroom and administrative addition to the existing school. The project also was intended to bring the entire school to code compliance and ADA requirements. The addition is clad with clay brick and burnish block with curtain wall to bring natural light deep into the building's colorful interior.

Isaac Menyoli was consultant architect on this project for BDC. Isaac's principal role included construction documentation with respect to site plan, floor plans, building sections and detailing of the building envelope. Isaac also assisted the design team in selecting exterior materials.





GENERATIONS PARK

Restoration and adaptive reuse of park, Milwaukee, Wisconsin, USA

Size: 55,500 sf | Playground Equipment | Landscape Design | Storm water Design |
Cost: \$350,000
Completion: 2007
Client: United Community Center (in association with Trevarrow Evans SC)

United Community Center began in the late 1960s as an outreach program of the Milwaukee Christian Center known as "The Spot." Located in the heart of the Spanish-speaking community on Milwaukee's south side, The Spot was a small teen center in a vacated tavern on Sixth Street. It was a place where neighborhood teens could meet and socialize in a safe environment. Today, the United Community Center provides programs to Hispanics and near south side residents of all ages in the areas of education, cultural arts, recreation, community development, and health and human services. The UCC assists individuals to achieve their potential by focusing on cultural heritage as a means of strengthening personal development and by promoting high academic standards in all of its educational programs.

The expanded programs at UCC required outdoor recreational spaces which triggered this project. Our goal was to convert a 55,500 square foot gravel courtyard into pristine landscape with gazebo, trellis, playground equipment, retaining wall and permeable pavement to allow for all season utilization.



FISHER & SMITH MEMORIAL GYMNASIUM

Addition and renovation of education building, Bernalillo County, New Mexico, USA

Size: 19,000 sf | Gymnasium | Locker rooms | Offices | Lobby |

Cost: \$4 million

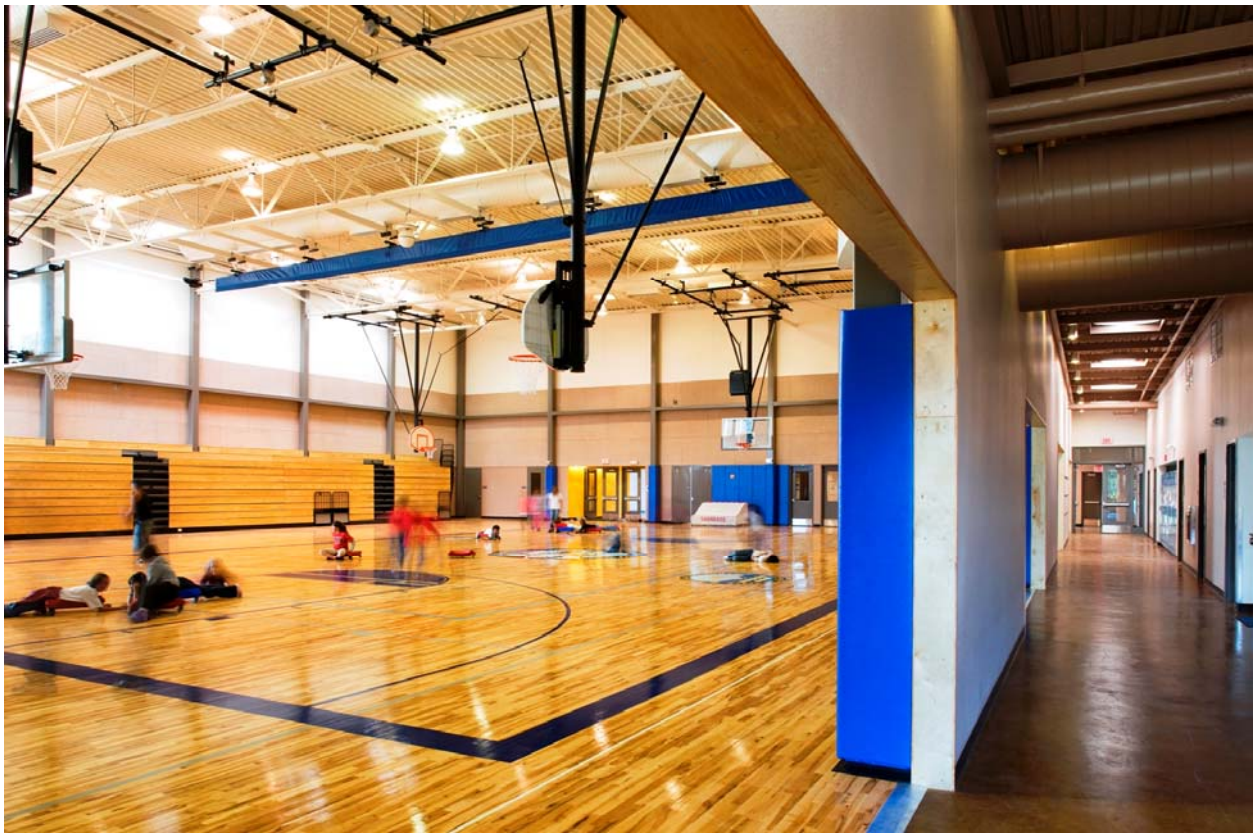
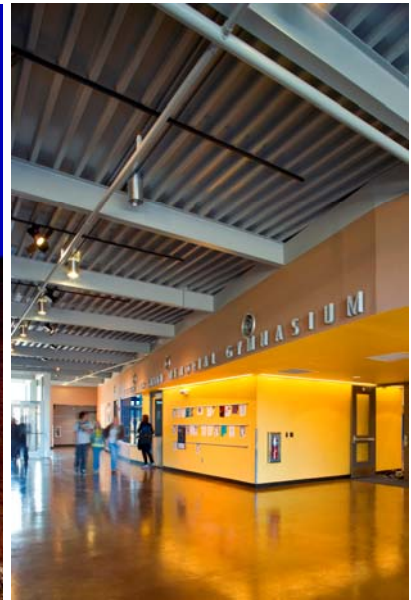
Completion: 2008

Client: Bernalillo County & East Mountain High School

A pioneering joint effort of Bernalillo County and East Mountain High School, the project added 19,000 square-feet to the Vista Grande Community Center, providing the 330-student high school with a full-size regulation high school gymnasium suitable for competition play. Located against the backdrop of the San Pedro and Ortiz Mountains, the building's stepped massing and earth-toned stucco harmonizes with the scale of both the existing community center and the natural landscape. Cost-effective green strategies were employed throughout the design. The roof drainage system was designed to allow for installation of a water-harvesting system, with underground storage tanks for landscape irrigation use and fire department emergency use. The gymnasium has telescoping bleacher seating for 600, and for special events an additional 500 can be accommodated on chairs. In addition to locker rooms and staff areas, the project features a lobby that unites the new construction with the existing community center. Interior finishes were selected for durability, ease of maintenance, low VOC-emissions, and cost effectiveness. Extensive use of natural daylight throughout the building minimizes the need for artificial illumination by day.

Sam Edwards was project architect and project manager on this project for KCA and performed design services from programming through construction administration in addition to coordination of the work of all design consultants and production of construction documents using BIM (Revit) modeling and rendering.





ESTHER BONE MEMORIAL LIBRARY RENOVATION

Renovation of education building, Rio Rancho, New Mexico, USA

Size: 12,250 sf | Structural & envelope restoration | HVAC systems upgrade | Interior library renovation |

Cost: \$800,000

Completion: 2008

Client: City of Rio Rancho

As New Mexico's fastest growing city, Rio Rancho understands the importance of vibrant community forums. After years of heavy use, the popular neighborhood library's roof was failing, the heating and air-conditioning system could not meet demands, technologies were outdated, and the interior was drab and tired. The architects worked with city staff and contractors to create a lively and comfortable neighborhood atmosphere. The first step was to stabilize the structure by replacing the roof, repairing leaky windows, and replacing the heating and air-conditioning system. Bamboo panels line the walls; new lighting adds drama and functionality; a copper "wave" ceiling accents the children's library; and new finishes add colorful warmth to the space.

Sam Edwards was project architect, designer and manager on this project for KCA and performed remodeling design services from programming through construction administration. Sam was also responsible for producing a BIM model of the project using Autodesk Revit and managed the Revit drafting team through all phases.





GREENFIELD HIGH SCHOOL

Addition, renovation, restoration of education building & athletic fields, Greenfield, Wisconsin, USA

Size: 293,442sf | Classrooms | Labs | Workshops | Offices | 734-seat Auditorium | 8-lane Natatorium | Athletic fields |

Cost: \$42 million

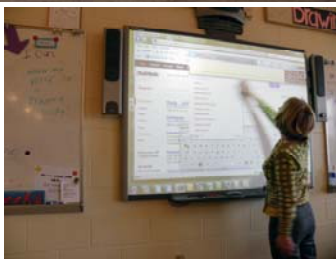
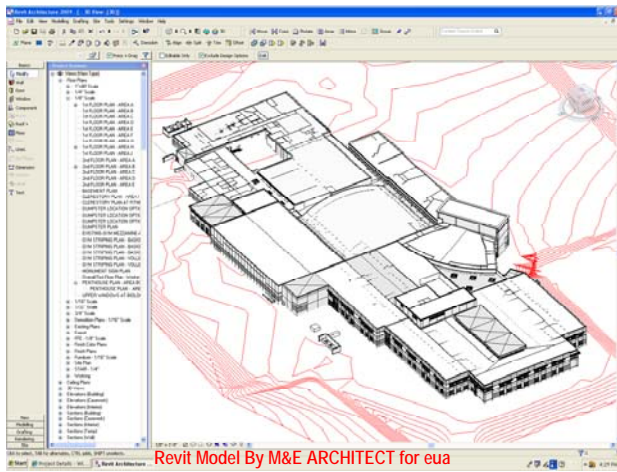
Completion: 2009

Client: School District of Greenfield (eua)

Greenfield High School was in need of repair due to overall age and poor condition of the facility. This led to the passing of a referendum to remodel the school utilizing a combination of demolition, renovation and new construction. A visual preference survey was used for the school board, staff and students to give feedback about interior and exterior elements of the final design. The remodel included a new secure main entrance, a 734-seat auditorium, new academic classrooms, a new auditorium, a natatorium (pool) and athletic playing fields giving the students state-of-the-art competition areas.

Isaac Menyoli was consultant architect on this BIM project for eua. Isaac's principal role included creating a Revit model of the entire campus from field investigations and record drawings. Isaac's was also involved in meetings at the project site with various school teams, conducting field investigations and collecting inventory of all existing building spaces and appurtenances so that the drawings and data created allowed the design team to make accurate decisions which reduced costly change orders during construction. Isaac also assisted the large design team throughout construction documentation.





J. WILLARD MARRIOTT LIBRARY

Addition and renovation of education building, Salt Lake City, Utah, USA

Size: 600,000 sf | Seismic & accessibility upgrade | 9 Classrooms | 450 Wired Reader | 15 Study rooms | Cyber café | Computer lab | Grand reading room | Rooftop garden | 2 million automated storage & retrieval system

Cost: \$79 million

Completion: 2009

Client: University of Utah, Salt Lake City, Utah

The J. Willard Marriott Library at the University of Utah is nearly a 600,000 square foot complex that has evolved in several phases over a period of 35 years. An assessment in 2002 found the facility to be seriously out of compliance with seismic, accessibility, and life safety standards, and out of room for collection or reader seat growth. The renovation of the library, undertaken in 2003 by MJSA in collaboration with consulting architect Leo A Daly, addressed each of these issues in a way that created a virtually new state-of-the-art building while remaining in operation during its rebirth. The structural upgrade provided unique solutions to significant seismic concerns, carefully integrated into the new building. Statistically, the renovation added nine new high-technology classrooms, 450 wired reader seats, 15 new group study rooms, a cyber café, and a two million-volume automated storage and retrieval vault to the library. Architecturally, the existing building and additions were completely renovated integrating important new facilities and functions. All components were unified to facilitate orientation and way finding within the building complex. The facility as redesigned is visually and operationally coherent, and will efficiently support increasingly user-defined collaboration between students, faculty, and the library professional staff.

Sam Edwards was project architect on this project for MJSA and perform design services from predesign through construction documents. As project architect, Sam worked closely with other consultants in coordinating their services with that of MJSA.



J. Willard Marriott Library



SOUTH VALLEY COMMUNITY CENTER

New educational building, Bernalillo County, New Mexico, USA

Size: 18,000 sf | Multi-purpose areas | Classrooms | Computer lab | Art gallery | Arts & crafts areas | Kitchen & dining facilities | Outdoor spaces | Community garden |

Cost: \$4.7 million

Completion: 2010

Client: Bernalillo County

Located in the Atrisco area of Albuquerque's South Valley, the building serves as a cultural center to celebrate the more than 300 year-old historically rich community. The building's mixed use include multi-purpose areas, classrooms, a computer lab, an art gallery, arts and crafts areas, dining and kitchen facilities, and community gardens. To seamlessly integrate this array of disparate uses, the multi-purpose areas and circulation areas are highly flexible with sophisticated provisions for acoustic privacy, security and access control. The structure is broken down into small "pavilions" to fit within the context of its residential neighborhood. "Green" features include; deep overhangs strategically placed to improve passive solar performance, harvesting water to cisterns for landscape irrigation, skylights and clerestory windows to provide ample daylight in each space, xeric landscaping, and operable windows.

Sam Edwards was project architect, designer and manager on this project for KCA and performed design services from programming through construction administration. Sam was also responsible for producing a BIM model of the project using Autodesk Revit and also was responsible for supervising three interns working on the project. Sam coordinated the work of all other consultants on this project from start to finish.



South Valley Community Center



SOUTHWEST CENTER FOR RANGELAND SUSTAINABILITY

New educational building, New Mexico State University, New Mexico, USA

Size: 10,900 sf | Master plan | Administrative & Teaching Facilities | Residence Hall | Laboratory |

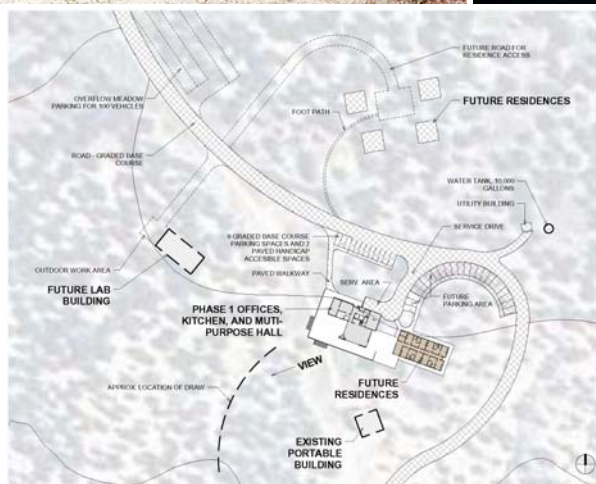
Cost: \$1 million

Completion: 2011

Client: New Mexico State University

Located on a 28,000 acre research ranch near Corona, the center is dedicated to researching and teaching methods of sustainable ranching in a semi-arid climate. The master plan was developed to include a central "lodge" housing administrative and teaching facilities, a residence building for 40 students and researchers, and a laboratory building. In addition to serving NMSU's educational mission, the buildings are designed to attract a diverse range of users for meetings and retreats. The buildings are dispersed on the site to minimize both the potential of fire damage, and the impact to the site. The Phase I building's informal design is intended to foster interaction among the students and researchers. A large multi-purpose room serves as a meeting and classroom, as well as a dining hall, while the adjacent covered porch serves as an outdoor teaching space. Other spaces within the building include a commercial kitchen, a combined research library and seminar room, and researcher work areas.

Sam Edwards was project architect, designer and manager on this project and performed design services from programming through construction administration using BIM (Revit) modeling and rendering.



RESOURCE CENTER

Renovation and adaptive reuse of education building, Greenfield, Wisconsin, USA

Size: 4,296 sf | Offices | Conference Room | Café | Bookstore | Lecture Hall | Restrooms |
Cost: \$750,000
Completion: 2011
Client: Medpoint Medical Clinics

The Resource Center at Greenfield offers educational and cultural programs including events, shows, arts exhibitions and classes to the public. M&E ARCHITECTS ENGINEERS was commissioned to guide the client and staff needs from predesign through construction. The design includes a large reception and waiting area, café, bookstore, conference room, lecture hall, offices and restrooms with robust finishes. The design challenges to convert this existing retail interior space on the south wing of the Medpoint Clinic building into an educational center provided a path through which a synergistic approach enabled the design to be both functional and inviting.





Existing Interior Prior to Renovation

UW-MILWAUKEE UNION REGENERATION PLANNING (DFD # 10B2S)

Size: 375,000 gsf | Student Union | Theater | Offices | Parking |

Cost: \$160 million (Estimated renovation and addition construction cost per this study)

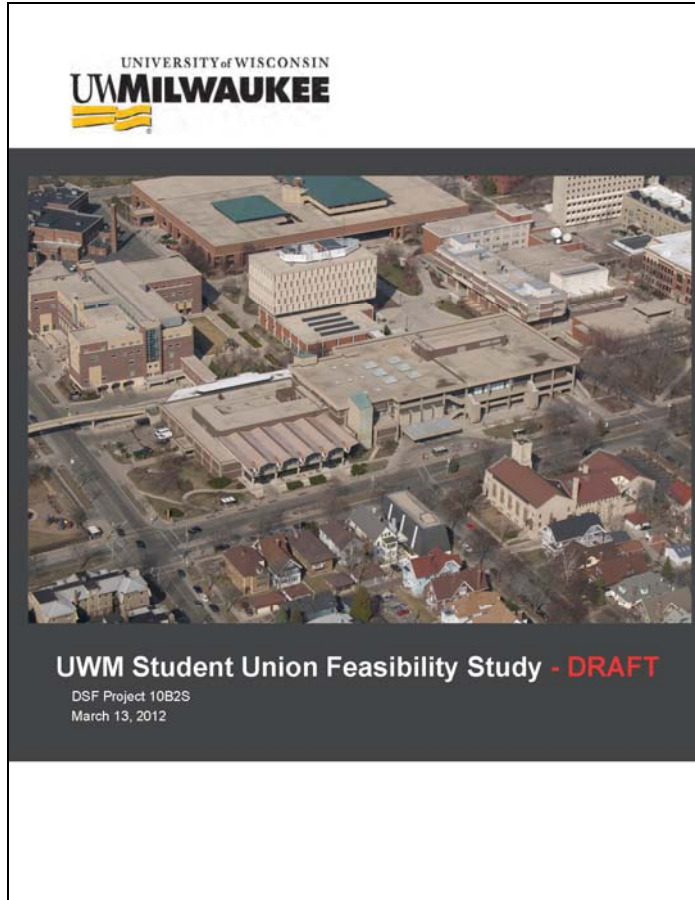
Date: 2011

Client: State of Wisconsin – DOA/DFD for UW-Milwaukee

The original Union building at the west end of the present site was erected in 1956, and enlarged and remodeled in 1963. This project was called Stage I. Stage II of the Union, an addition to the east, was completed in 1972. It included the Kenwood Inn, Wisconsin Room, Cinema, Union Art Gallery, UWM Bookstore, Gasthaus, meeting rooms and offices for the Union staff and student organizations. A two-level parking structure is located under the plaza to the north of the Union with space for 461 vehicles. A bowling alley and billiard room were installed in the area that had housed the Stage I Bookstore. The North Enclosure, added in 1988, created space for UW Credit Union offices, retail businesses, and a food court. In 1996 the Terrace Room opened in the first-floor space formerly known as the Snack Bar, and provided an additional entrance off Kenwood Blvd.

"...As their partner for the project, Workshop Architects will enlist the assistance of M&E Architects, a local Minority Business Enterprise. Creating meaningful mentoring partnerships as a means to access professional growth for disadvantaged business in our community is a goal for UWM, and Campus sees this partnership as an outstanding opportunity for these two firms, both directed by UWM School of Architecture graduates."

M&E ARCHITECTS led the design team in providing facility condition assessment which included site surveys, field data and verifying as-built conditions to assure accurate development of planning documents, presentation and budget materials.



Cover page of report

UW-MILWAUKEE ZELAZO PERFORMANCE CENTER AUDITORIUM SEATING ACCESSIBILITY (DFD# 11C3N)

Interior addition, renovation and restoration of education building, Milwaukee, Wisconsin, USA

Size: 56,629 sf | 7 New wheelchair platforms | 800 New seats | New floor finishes | Code Analysis |

Cost: \$130,000

Completion: 2011

Client: State of Wisconsin - DOA / DSF for University of Wisconsin-Milwaukee (Peck School of the Arts)

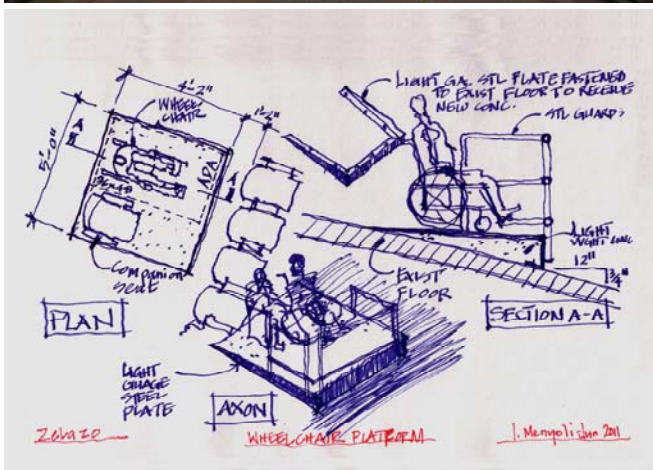
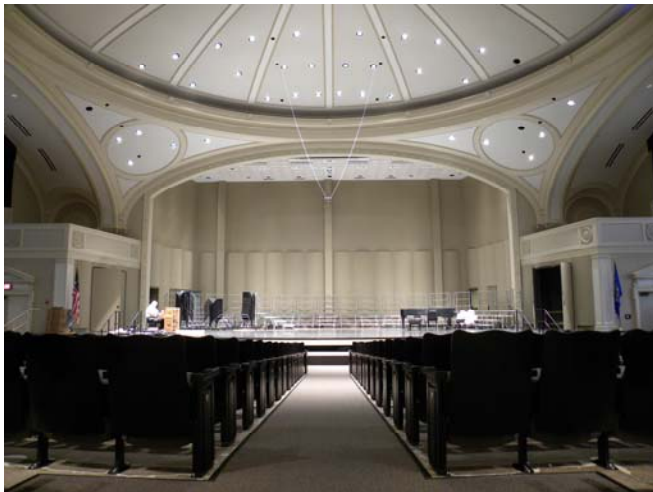
The Zelazo Center for the Performing Arts was built in 1923 by Congregation Emanu-El (later congregation Emanu-El B'Nei Jeherun) as their primary worship and community space. The building served the congregation in this capacity until 2000 when the congregation sold the building to the University of Wisconsin-Milwaukee and it became the premiere music-performing venue on campus, with approximately 750 seats. After bidding the replacement seating, it was discovered that the existing accessible accommodations may not meet current standards. It is anticipated that the seating arrangement will need to be revised, and work done to the structure by means of new, level seating areas.

M&E ARCHITECTS provided architectural and structural design services that evaluated applicable code and accessibility requirements for an auditorium seating replacement. The design included new 800 auditorium seating placed around existing in-floor mechanical vents with 7 new level platforms designed from bent steel plate and light weight poured-in-place concrete on the existing slope terrazzo main floor and at the concrete balcony. This project was successfully completed within couple of months due to the provisions of small projects program at the State of Wisconsin.





Photo of completed seating and view of 1 of 7 level platforms



Design



Construction

GLRF THIRD FLOOR ACCESSIBLE TOILET RENOVATION (DFD# 11E3G)

Renovation and addition of education building, Milwaukee, Wisconsin, USA

Size: 500 sf | Male & Female restrooms addition & renovation | MEP addition & Upgrade | Code analysis |
Cost: \$110,000 (completed under budget at \$73,000)
Completion: 2012
Client: State of Wisconsin - DOA / DFD for University of Wisconsin-Milwaukee (School of Fresh Water Science)

Constructed in 1966 as a tile manufacturing facility for the Allen-Bradley Company, the property was purchased in 1973. The only toilet facility on the third floor is located within an original men's locker and shower room and is male access only. This facility is underutilized and is not compliant with current accessibility regulations. This project would create accessible toilet rooms for both genders and provide needed accommodations for a custodial closet and storage area.

M&E ARCHITECTS provided architectural and engineering design services which included evaluation of applicable code and accessibility requirements to renovate this toilet room to serve both male and female. A sprinkler riser in the custodial closet was rerouted through a new CMU pilaster to provide the new entrance into the female toilet. This was a messy project with many surprises during construction, so our synergistic approach provided a path for the successful delivery which helped to eliminate construction cost creep.



Photos of completed Female Toilet



Photos of completed Male Toilet



Photos of existing Male-only Toilet prior to construction

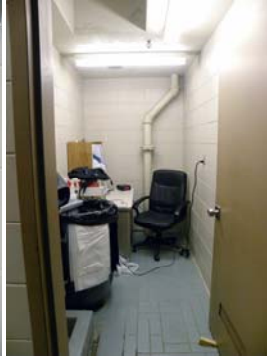


Photo of Custodial Closet



Photo of Construction Process

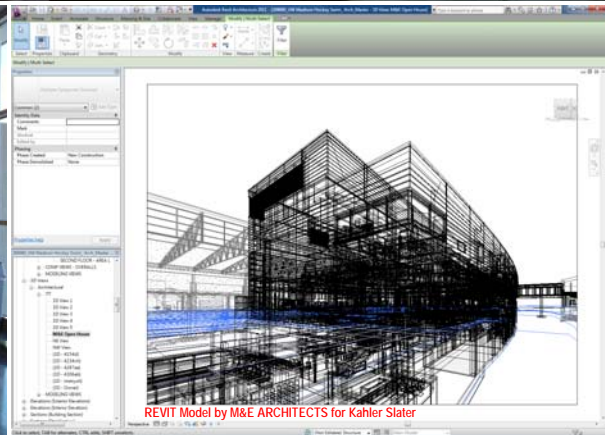
UW-MADISON HOCKEY/SWIMMING FACILITY (aka LA BAHN ARENA - DSF# 09B1U)

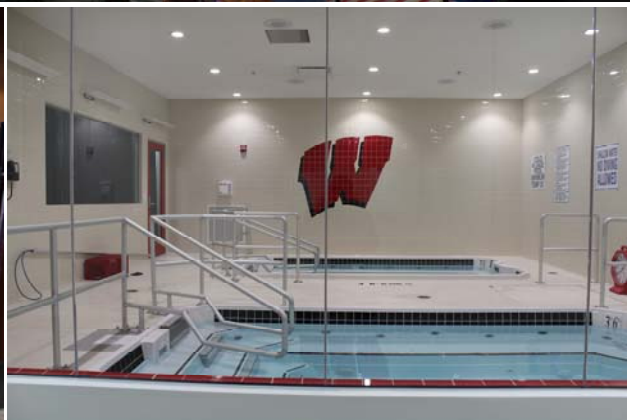
Addition and renovation to an education and athletic building, Madison, Wisconsin USA

Size: 103,132 sf | Ice Rink | Swimming Pool | Offices | Gymnasium | Locker Rooms | Cafeteria |
Cost: \$28 million
Completion: 2012
Client: State of Wisconsin – Division of State Facility
Consultants: Kahler Slater-*Architectural* | M&E Architects-*Architectural Support* | Norris & Associates-*Civil* |
 Ken Saiki Design-*Landscape* | GRAEF-*Structural* | PSJ Engineering-*Plumbing & Fire Protection* |
 A&O-*HVAC, Electrical & IT* | Professional Audio Design-*AV* | CIMCO Refrigeration-*Ice Refrigeration* |
 The Boelter Companies-*Food Services* |

The Hockey and Swimming project is a state-of-the-art athletic facility that has three levels and will house the 2,400-seat UW women's hockey arena, men's and women's swimming team facilities and offices.

Isaac Menyoli, consultant architect, was part of this large design team and his role started at the Construction Documents through Construction Administration phases. Isaac converted Kahler Slater's 20 year old AutoCAD drafting standards into a full-blown Revit template and standards. Isaac then performed initial assessment and troubleshooting to the core and shell systems of the BIM model. As the project proceeded, Isaac also performed exterior materials and systems LEED research/selection, code compliant assessment, exterior envelope Revit modeling and detailing, structural / MEP consultant coordination with the BIM model. This building is LEED Silver.





UW-MILWAUKEE CHAPMAN HALL ENVELOPE & ROOF RESTORATION REPORT (DFD # 11H1V-01)

Size: 34,806 gsf | Chancellor's office | Administrative offices |
Cost: \$1.9 million (Estimated envelope restoration cost per report)
Date: 2012
Client: State of Wisconsin – DOA/DFD for UW-Milwaukee

Chapman Hall was acquired in the purchase of the Milwaukee-Downer College campus and served as the library until the College closed its campus and joined with Lawrence College in Appleton, Wisconsin in 1964. The building was named for Alice G. Chapman (1853-1935), benefactress of the college; who willed one million dollars for a library or auditorium, a president's house, and an endowment for faculty salaries. Besides the library, the building contained an art gallery and the Teakwood Room, a reception hall paneled with ornately carved East Indian teakwood taken from the Chapman family home. The teakwood paneling was again moved in 1964 to a special room at Lawrence University, and its site in Chapman Hall was converted into offices for the Chancellor. The building is used for administrative offices. The building underwent extensive renovation including asbestos abatement between 1993 and 1994.

M&E ARCHITECTS was selected to perform facility condition assessment of the building roof, exterior masonry and window/door openings with pre-design recommendations, project scope development, cost estimate and schedule prior to the university seeking authority to construct from the State Building Commission. Our services also included site surveys, acquiring of field data, verifying as-built conditions and coordination of other consultants work into the comprehensive report.



Cover page of report

HOLIDAY PARK MULTIGENERATIONAL CENTER

New educational building, Albuquerque, New Mexico, USA

Size: 18,000 sf | Multi-purpose areas | Classrooms | Computer lab | Exercise & game rooms | Finest area | Gym |

Cost: \$3.7 million

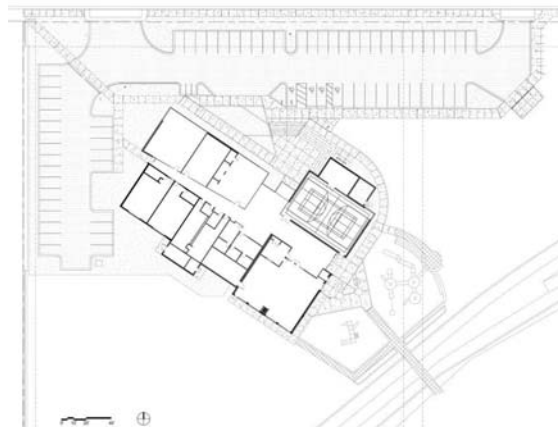
Completion: 2013

Client: City of Albuquerque

The Holiday Park Community Center was originally built in mid-1970s as a largely open-air “shelter center”. The architect was asked to study how the outdated center could be expanded or replaced. Significant challenges were overcome in developing the site plan due to the site topography, the need to retain as much of the existing city park amenities and mature landscaping as possible, and to make the center more visible from the street. These factors ultimately influenced the plan layout and made it possible to “recycle” the shelter portion of the existing building, which will be enclosed to become the multi-purpose room. The floor plan emphasizes good sight lines from the reception area, and interior glazing into program areas to facilitate supervision. To further engage the center with the community, high activity areas are located on the street frontage behind areas of extensive glazing. The material and color palette emphasizes bold accent colors and varied textures of high-durability materials.

Sam Edwards was project architect and manager on this project with KCA from programming through design development producing BIM model and rendering (using Autodesk Revit). Sam gained a plethora of experience working with the user group and owner during the programming phase.





UW-MILWAUKEE CHAPMAN HALL HISTORIC MASONRY RESTORATION (DFD # 13B3J)

Size: 34,806 gsf | Chancellor's office | Administrative offices |

Cost: \$184,600

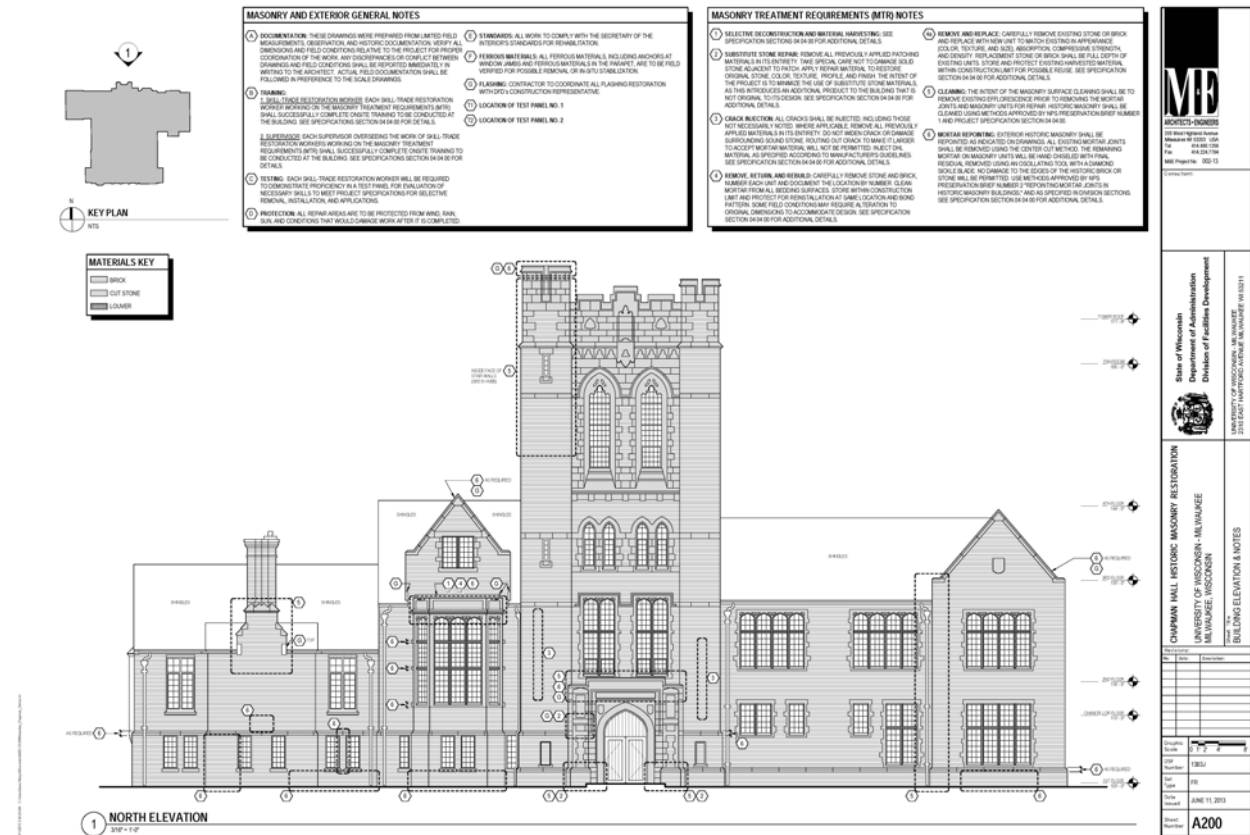
Date: 2014

Client: State of Wisconsin – DOA/DFD for UW-Milwaukee

Chapman Hall was acquired in the purchase of the Milwaukee-Downer College campus and served as the library until the College closed its campus and joined with Lawrence College in Appleton, Wisconsin in 1964. The building was named for Alice G. Chapman (1853-1935), benefactress of the college; who willed one million dollars for a library or auditorium, a president's house, and an endowment for faculty salaries. Besides the library, the building contained an art gallery and the Teakwood Room, a reception hall paneled with ornately carved East Indian teakwood taken from the Chapman family home. The teakwood paneling was again moved in 1964 to a special room at Lawrence University, and its site in Chapman Hall was converted into offices for the Chancellor. The building is used for administrative offices. The building underwent extensive renovation including asbestos abatement between 1993 and 1994.

M&E ARCHITECTS ENGINEERS was commissioned by the State of WI to perform a facility condition assessment of the building roof, exterior masonry and window/door openings with pre-design recommendations, project scope development, cost estimate and schedule prior to the university seeking authority to construct from the State Building Commission. The phase of the project provides construction drawings and specifications for the masonry restoration per recommendations outlined in the UW Milwaukee Chapman Hall Envelope & Roof Restoration Report (DSF # 11H1V-01) prepared by M&E ARCHITECTS ENGINEERS and supplemented with Speweik Preservation Consultants, Inc.





Some typical existing envelope deterioration problems



Test panels by SPC, Inc.

UW-MADISON SCHOOL of NURSING (DSF# 09J3Y)

New higher education school of nursing building, Madison, Wisconsin USA

Size: 166,536 sf | Auditorium | Classes | Research Labs | Offices | Conference Halls | Active Learning Space |

Cost: \$34 million (came under budget by \$250,000)

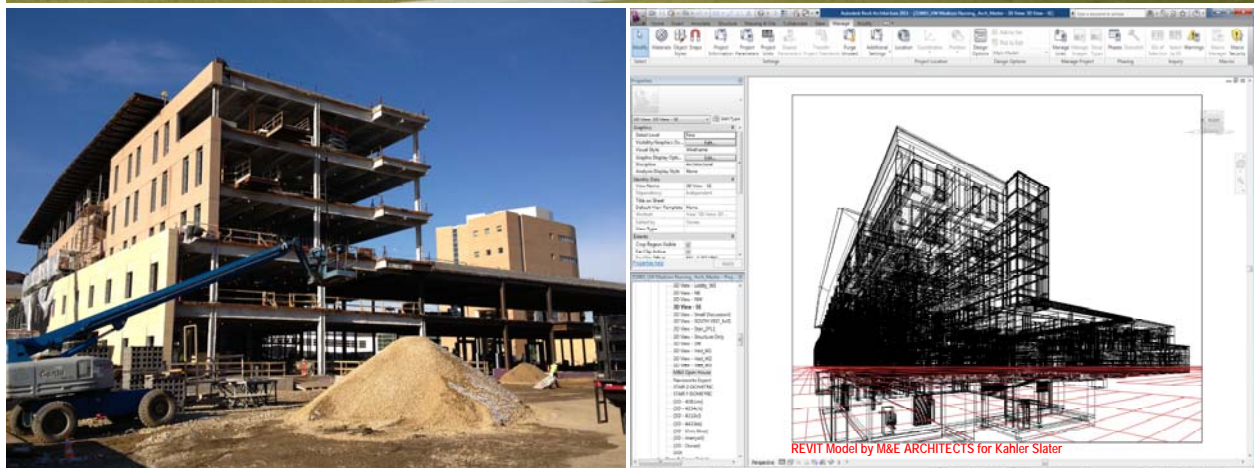
Completion: 2014

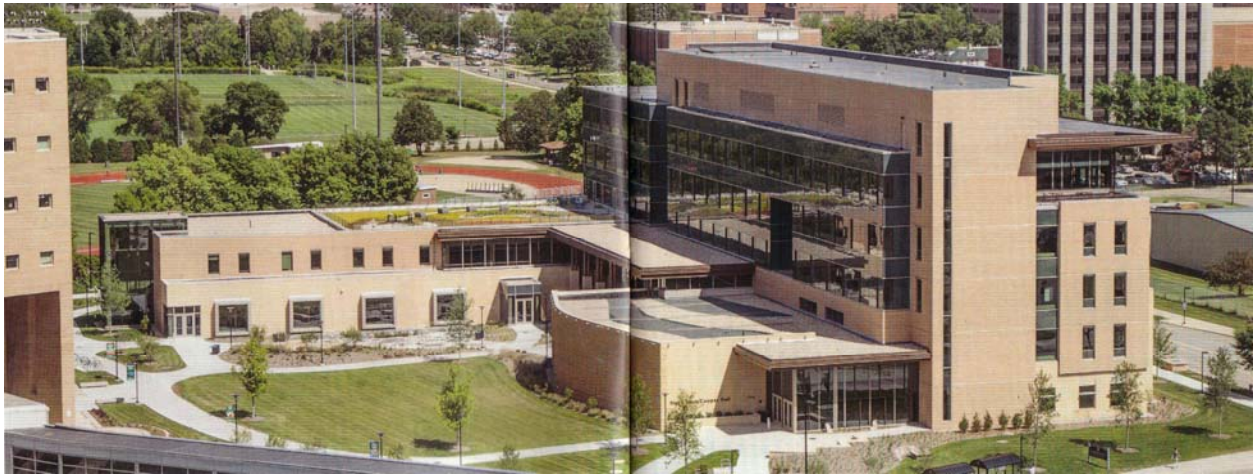
Client: State of Wisconsin – Division of State Facility for University of Wisconsin-Madison

Consultants: Kahler Slater-*Architectural* | BNIM-*Program Consultant* | M&E Architects-*Architectural Support* | GRAEF-*Structural* | Henneman-*Plumbing* | Ring & DuChateau-*Mechanical* | A&O-*Electrical* | Norris Assoc.-*Civil* | Ken Saiki-*Landscape* | The Sextant Group-AV | Interlligent Network Solutions-IT | Concord Group-CMA | Boldt Construction-CMA |

"The School of Nursing will be a uniquely welcoming place built on a foundation of the Wisconsin Idea, engagement with the global community, and excellence in teaching, learning, research and technology where the science and practice of nursing are transformed." Katharyn May, Dean of School of Nursing, University of Wisconsin-Madison.

Isaac Menyoli, consultant architect, was part of this large design team that participated in the shortlist interview of this project and completed phases in Predesign, Design, and subsequently Construction Administration. Isaac took the single lined programmed floor plans and initiated the Revit model core and shell and managed the BIM model and team from start to finish. Isaac's role also included exterior materials and systems LEED research/selection, code compliant assessment, elevator research and design, exterior envelope Revit modeling and detailing, structural / MEP consultant coordination with the BIM model. This building is LEED Silver.





UW-OSHKOSH CLOW HALL SOCIAL SCIENCE CENTER & NURSING & EDUCATION BUILDING (DFD #1112)

Renovation & addition of higher education school of nursing building, Oshkosh, Wisconsin USA

Size: 143,000 sf | Auditoriums | Classes | Research Labs | Offices | Conference Halls | Active Learning Space |

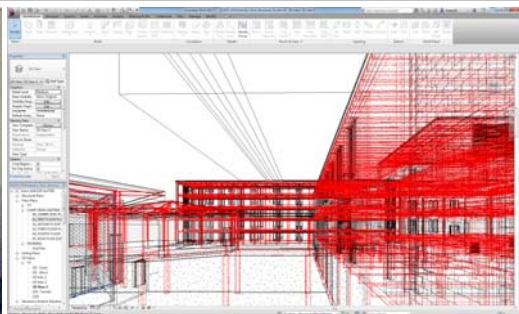
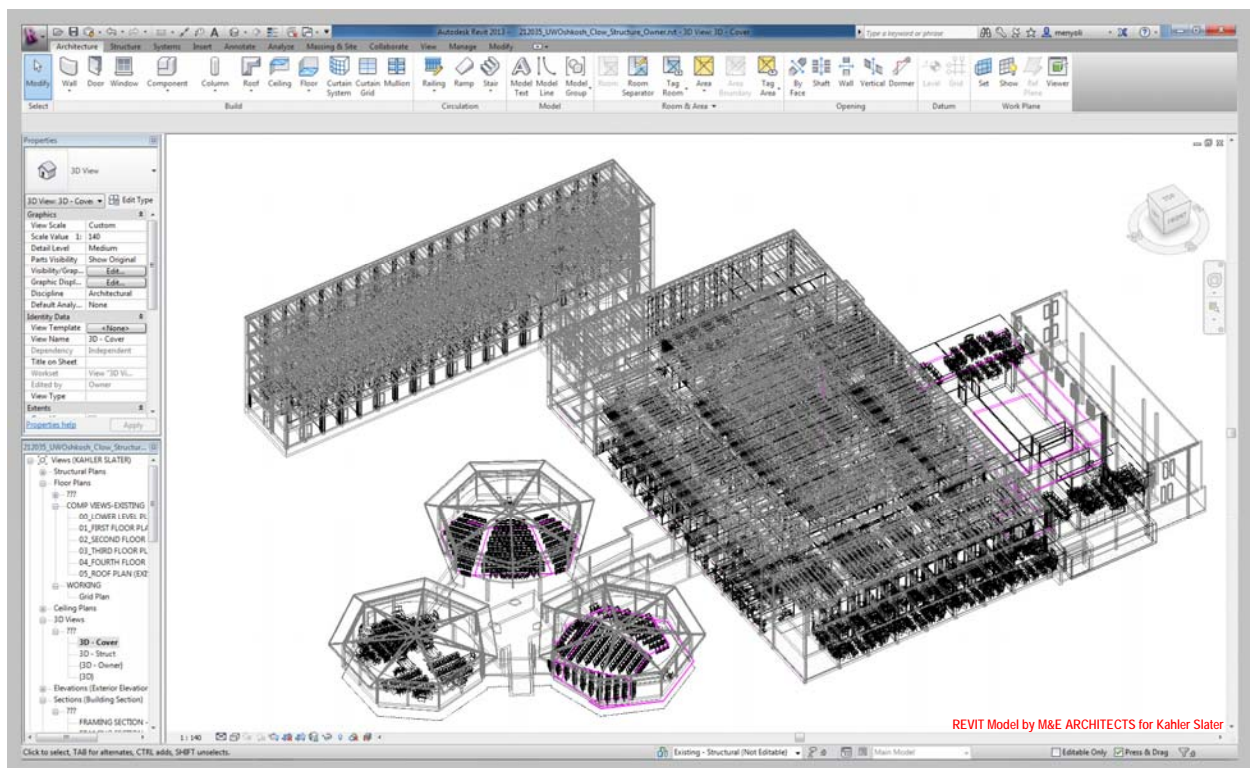
Cost: \$30 million

Completion: 2015

Client: State of Wisconsin – Division of State Facility for University of Wisconsin-Madison

Constructed in 1964, The Clow Hall Social Science Center and Nursing Education Building will be renovated to house the departments of social sciences, nursing and education programs. A facility condition assessment report was prepared which allowed the design team to incorporate the required program appropriately. The resulting program is intended to provide auditoriums, classes, research labs, administrative offices and active learning spaces to meet the demands and sustainability requirements of the 21st century.

Isaac Menyoli, consultant project architect, was responsible for developing the 143,000 sf BIM (Revit model) which included core, shell, interior & structural systems through the use of record drawings and site investigation. The Revit model was then distributed to the design team members which allowed them a template to incorporate their design solutions.



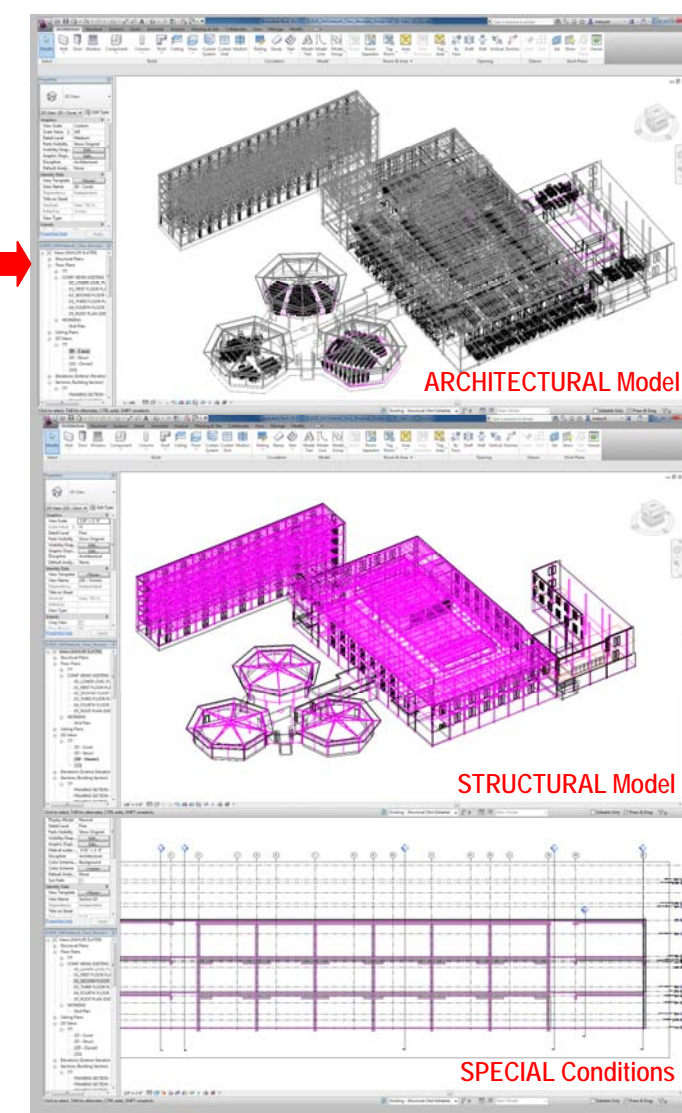
RECORD DRAWINGS

+

EXIST CONDITIONS

=

COMPREHENSIVE BIM MODEL = Low Change Orders





M&E ARCHITECTS + ENGINEERS

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RESIDENTIAL

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
1989	Buea University Student Housing (18U)	Bonduma Buea Cameroon (15 Million CFA ~ \$1 = 50 frs)	Fakoship Ltd	M&E			X			6,500	\$600,000	
1990	4 Private Residences	Bonduma Buea Cameroon (40 Million CFA ~ \$1 = 50 frs)	Fakoship Ltd	M&E			X			10,000	\$800,000	
1990	Doctor Luma Residence	Small Soppo Buea Cameroon (15 Million CFA)	Doctor & Mrs Betty Luma	M&E			X			4,800	\$300,000	
1991	Fritz Ikundi Residence	Bomaka Buea Cameroon (10 Million CFA ~ \$1 = 50 frs)	Mr. & Mrs. Ikunde	M&E			X			4,800	\$200,000	
1995	Scott & Peggy Sampson	4810 N Lake Dr Whitefish Bay WI 53217	Scott & Peggy Sampson	T3				X		5,712	\$150,000	Site Map
1996	Hulstedt Residence	Bayside WI	Phil Hulstedt	AE3			X			924	\$500,000	
1996	ADA Study	Milwaukee WI	Sojourner Truth House	AE3				X			\$40,000	
1996	ADA Layout & Lift	Milwaukee WI	Sojourner Truth House	AE3				X			\$20,000	
1996	Summit Place CBRF	Milwaukee WI	Donald Bayer	AE3				X			\$1,100,000	
1997	Fox Point Residence Addition	Fox Point WI	Sherry Williams	AE3				X			\$40,000	
1998	Larson Residence		Larson Family	AE3				X			\$0	
1998	SIM Rowhouse Unit	Milwaukee WI	Kristen Grygiel	AE3				X			\$110,000	
1998	Jim Stratte Residence	Shorewood WI	Jim Stratte	AE3				X			\$30,000	
1999	Mark Harris Residence	N56 W18741 Silver Spring Rd Menomonee Falls WI	Mark Harris & Dawn Petermann	AE3				X		3,553	\$80,000	Site Map
2000	Retirement Home	Buea Cameroon	Mola Ngale	M&E		X	X			4,000	\$63,000	
2000	Bellevue Skilled Nursing	1904 E Bellevue Place Milwaukee WI 53211	Donald Bayer	AE3				X		38,624	\$1,500,000	Site Map
2000	Garage Wind Damage Structural	Menomonee Falls WI	Various (Rural Insurance Inc)	AE3				X			\$25,000	
2000	Garage Wind Damage Structural	Menomonee Falls WI	Various (Rural Insurance Inc)	AE3				X			\$50,000	
2000	Hulstedt Master Suite	Bayside WI	Phil Hulstedt	AE3				X			\$150,000	
2001	Carnegie Library CBRF	1508 S 75th St West Allis WI 53214	Donald Bayer	AE3				X		16,360	\$1,000,000	Site Map
2001	Weglarz Loft & Office	1311 N Dr Martin Luther King Dr Milwaukee WI 53203	Matt & Heather Weglarz	AE3				X	X	5,516	\$350,000	Site Map
2001	Apartment at Booth	CTHwy VV & CTHwy J Sussex WI		AE3				X		8,761	\$832,295	
2001	Residential Unit - Renovations	1012 E Wright St Milwaukee WI 53212	Dan Wickman	AE3				X		1,080	\$60,000	Site Map
2002	Historic Residence Renovation	326 Essex Rd Kenilworth IL 60043	Robert Spindell	AE3				X		10,685	\$2,137,800	Site Map
2002	Rackham Residence	5269 N Idlewild Ave Whitefish Bay WI 53217	Scott & Laura Rackham	AE3				X		796	\$150,000	Site Map
2002	Zagar Residence	2622 N 89th St Milwaukee WI 53226	Mr & Mrs Zagar	AE3				X			\$150,000	Site Map
2003	Rivercrest Townhomes (40 Units)	2125 N Riverboat Road Milwaukee WI 53212	Mandel Group (Arquitectura)	M&E			X			54,880	\$20,000,000	Site Map
2003	Stern Residence	2614 W Chestnut Rd Mequon WI 53092	Mr & Mrs Stern	M&E				X		1,559	\$50,000	Site Map
2003	Owens Residence	2306A W Vine Street, Milwaukee WI 53205	Charles Dickens	M&E				X		1,170	\$75,000	Site Map
2003	Mihalovich Boat House	N20 W29976 Glen Cove Road, Pewaukee WI 53072	EnArCon	M&E				X		550	\$15,000	Site Map
2004	Ganos Garage and Storage	S71W17659 Lake Drive, Muskego WI 53150	Brian Ganos	M&E			X		X	2,304	\$195,000	Site Map
2004	Condulac (Retail + 16 Unit Apartments)	1540-42 W Fond Du Lac Avenue 53205	Matrix Rental	M&E				X	X	17,667	\$1,500,000	Site Map
2004	Skowland Residence (Addition + Ren)	S27W32569 Co. Highway G Dousman WI 53118	Mr. & Mrs. Skowland (TWP)	M&E				X		4,906	\$450,000	Site Map
2004	Villas of Waukesha (2-16 Units)	1544 Roxbury Way Waukesha WI 53186	Heartland Development Group Ltd (TWP)	M&E			X			65,840	\$6,254,800	Site Map
2004	Rainbow Lake Condo (16 Units)	2030 Rainbow Lake Lane West Bend, WI 53090	Heartland Development Group Ltd (TWP)	M&E			X			32,920	\$3,127,400	Site Map
2007	Cedarlake Village (Bldg 1 & 2 - 86 Units)	14800 S Van Dyke Road Plainfield IL 60544	Horizon Development Group (eua)	M&E			X			251,314	\$21,000,000	Site Map
2007	Lake Park Preserve (2-14 Units)	1505 Eagle Street Rhinelander WI 54501	Concord Development Co (eua)	M&E			X			90,814	\$17,707,800	Site Map

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
2007	Lake Park Preserve (3-8 Units)	1505 Eagle Street Rhinelander WI 54501	Concord Development Co (eua)	M&E			X			75,564	\$17,707,800	Site Map
2007	Sister Bay Condo (3-2 Units)	10684 Mariners Pointe Drive Sister Bay WI 54234	The Park Group (eua)	M&E			X			21,963	\$2,100,000	Site Map
2007	Sister Bay Condo (8-4 Units)	10682 Mariners Pointe Drive Sister Bay WI 54234	The Park Group (eua)	M&E			X			92,480	\$8,000,000	Site Map
2007	Jan Lucas Residence	12394 Century Lane Germantown WI 532022	Mr. Jan Lucas	M&E				X		2,806	\$266,570	Site Map
2007	Rolling Mill - Art Deco (22 Units)	210 Middleton St Nashville TN 37210	Direct Development (eua)	M&E			X	X		36,704	\$4,000,000	Site Map
2007	Rolling Mill - Victorian (9 Units)	210 Middleton St Nashville TN 37210	Direct Development (eua)	M&E				X		20,934	\$3,000,000	Site Map
2007	Rolling Mill - Power House (9 Units)	210 Middleton St Nashville TN 37210	Direct Development (eua)	M&E			X	X		12,115	\$1,400,000	Site Map
2007	Rolling Mill - Metro (24 Units)	210 Middleton St Nashville TN 37210	Direct Development (eua)	M&E			X			72,134	\$10,000,000	Site Map
2007	Rolling Mill - District (70 Units)	210 Middleton St Nashville TN 37210	Direct Development (eua)	M&E			X			127,801	\$25,000,000	Site Map
2007	Kilbourne Tower (Unit 303 Alteration)	923 E Kilbourn Ave Milwaukee WI 53202	Edward Eisenhaue (eua)	M&E				X		1,517	\$300,000	Site Map
2007	Astor Place (100 Unit Highrise)	Washington & Main St Green Bay WI	Vetter Denk (eua)	M&E			X		X	218,881	\$34,000,000	Site Map
2008	Midwest Senior Living	Grand Haven Circe Romeoville IL 60446	Facilities Developer Dete Dev, LLC (eua)	M&E			X				\$0	Site Map
2008	Grandview Commons Indpt Living	6209 Dominion Dive Madison WI 53718	Horizon Development (eua)	M&E			X				\$0	Site Map
2008	Stone Pointe	1235 N 62nd St Milwaukee WI 53213	Larsi & Company (eua)	M&E			X				\$0	Site Map
2008	First Place Condos (54 Units)	106 W Seeboth St Milwaukee WI 53204	KeyBridge Development (eua)	M&E			X	X		420,206	\$60,000,000	Site Map
2008	American Fortress Homes (Prefab Prototype)	558 W23246 Marcelle Dr Waukesha WI 53184	Rene Gharibeh	M&E			X			2,000	\$190,000	Site Map
2008	Angell Park Senior Living (61 Units)	426 Park St Sun Prairie WI 53590	Horizon Development Group (eua)	M&E			X			86,096	\$8,000,000	Site Map
2008	Granville Heights Senior Housing (63 Units)	8719 N 68th St Milwaukee WI 53223	Horizon Development Group (eua)	M&E			X			97,916	\$9,000,000	Site Map
2008	Cummings Residence	2420 N 54th St Milwaukee WI 53204	Antonio Cummings	M&E			X	X		900	\$34,000	Site Map
2008	601 Lofts (80 Units)	601 East Ogden Ave Milwaukee WI 53202	KeyBridge Development (eua)	M&E			X		X	203,000	\$25,000,000	Site Map
2008	Marina Vista Condominiums (63 Units)	303 Pennsylvania Avenue Sheboygan WI 53081	Horizon Development Group (eua)	M&E			X			110,000	\$9,576,000	Site Map
2009	Hilldale Heights Bldg R (144 Unit Condo)	4545 University Ave Madison WI 53705	Joseph Freed & Assoc (eua)	M&E		X	X		X	303,135	\$37,891,875	Site Map
2009	Hilldale Heights Bldg M (90 Unit Condo)	4545 University Ave Madison WI 53705	Joseph Freed & Assoc (eua)	M&E		X	X		X	163,719	\$20,464,875	Site Map
2009	Angelus of Romeoville Memory Care	600 Edward Drive Romeoville IL 60446	Facilities Developer Dete Dev, LLC (eua)	M&E		X	X			47,005	\$7,000,000	Site Map
2010	The Landing Condominiums	4100 South Lake Drive St Francis WI 53235	The Park Group (eua)	M&E			X			310,000	\$30,380,000	Site Map
2010	Santa Fe Youth Shelters	4435 Airport Road Santa Fe NM 87507	Youth Shelters and Family Services	KCA		X	X			5,000	\$1,400,000	Site Map
2011	Ho-Chunk Winnebago Heights	Wisconsin Dells WI	Ho-Chunk (BDC)	M&E	Silver		X			2,180	\$275,000	
2012	Grant Acquah Residence	3443 N Menomonee River Pkwy Wauwatosa WI 53222	Ms. Murtis Grant-Acquah	M&E				X		6,000	\$3,000	Site Map
2012	Atkinson Apartments (Façade & Apt Rehab)	2041 West Atkinson Ave Milwaukee WI 53209	Lee Holloway	M&E				X		15,354	\$55,000	Site Map
2013	Lindsay Heights NSP	16 Scattered Sites Below	LINDSAY NSP, LLC	M&E		X				50,700	\$3,740,000	
2013	2525 N 10th St	2525 N 10th Milwaukee WI 53206		M&E		X	X	X		2,397	\$175,000	Site Map
2013	2640 N 10th St	2640 N 10th St Milwaukee WI 53206		M&E		X	X	X		4,150	\$280,000	Site Map
2013	2825 N 10th St	2825 N 10th St Milwaukee WI 53206		M&E		X	X	X		2,867	\$175,000	Site Map
2013	2529 N 9th St	2529 N 9th St Milwaukee WI 53206		M&E		X		X		3,226	\$175,000	Site Map
2013	2726 N 12th St	2726 N 12th St Milwaukee WI 53206		M&E		X	X	X		2,695	\$280,000	Site Map
2013	1309 W Hadley St	1309 W Hadley St Milwaukee WI 53206		M&E		X		X		2,275	\$175,000	Site Map
2013	1530 W Hadley St	1530 W Hadley St Milwaukee WI 53206		M&E		X	X	X		3,208	\$280,000	Site Map
2013	2753 N 10th St	2753 N 10th St Milwaukee WI 53206		M&E		X	X	X		3,946	\$280,000	Site Map
2013	2457 N 14th St	2457 N 14th St Milwaukee WI 53206		M&E		X	X	X		2,905	\$175,000	Site Map
2013	2631 N 14th St	2631 N 14th St Milwaukee WI 53206		M&E		X	X	X		2,892	\$175,000	Site Map
2013	2444 N 14th St	2444 N 14th St Milwaukee WI 53206		M&E		X	X	X		3,295	\$175,000	Site Map
2013	1517 W Center St	1517 W Center St Milwaukee WI 53206		M&E		X		X		2,349	\$175,000	Site Map
2013	814 W Wright St	814 W Wright St Milwaukee WI 53206		M&E		X		X		2,991	\$280,000	Site Map
2013	2758 N 15th St	2758 N 15th St Milwaukee WI 53206		M&E		X	X	X		3,328	\$280,000	Site Map
2013	2764 N 16th St	2764 N 16th St Milwaukee WI 53206		M&E		X	X	X		3,053	\$280,000	Site Map
2013	2601 W Wells St	2601 W Wells St Milwaukee WI 53233		M&E		X	X	X		5,123	\$380,000	Site Map

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
2013	2040 Atkinson Apartment Renovation	2040 W Atkinson Ave Milwaukee WI 53209	Webb Investments (Lee Holloway)	M&E		X		X		1,800	\$100,000	Site Map
2014	i2 Home Renovation (Single Family)	Milwaukee WI	Undisclosed	M&E		X		X		2,319	\$130,000	
2015	3333 Highland (73 Apts, Gym etc)	3333 W Highland Blvd Milwaukee WI 53208	Studio Six, LLC	M&E				X	X	110,833	\$3,500,000	Site Map
2015	Milwaukee Prosperity Harambee	12 Scattered Sites Below (Incl. 27 Struct Design with CA)	MILWAUKEE PROSPETITY, LLC	M&E		X	X	X		30,847	\$1,980,000	
2015	2836 N 10th St (Single Family)	2836 N 10th St Milwaukee WI 53206		M&E		X		X		1,586	\$140,000	Site Map
2015	2766 N 11th Ln (Single Family)	2766 N 11th Ln Milwaukee WI 53206		M&E		X		X		1,292	\$140,000	Site Map
2015	2772 N 11th Ln (Single Family)	2772 N 11th Ln Milwaukee WI 53206		M&E		X		X		2,290	\$140,000	Site Map
2015	2751 N 12th St (Single Family-Fire)	2751 N 12th St Milwaukee WI 53206		M&E		X		X		2,444	\$140,000	Site Map
2015	2815 N 6th St (Single Family-ADA)	2815 N 6th St Milwaukee WI 53212		M&E		X		X		2,670	\$140,000	Site Map
2015	2836 N 6th St (Single Family)	2836 N 6th St Milwaukee WI 53212		M&E		X		X		1,822	\$140,000	Site Map
2015	2849 N 5th St (Single Family-Fire)	2849 N 5th St Milwaukee WI 53212		M&E		X		X		2,929	\$140,000	Site Map
2015	2823-25 N 5th St (Duplex-HPC)	2823-25 N 5th St Milwaukee WI 53212		M&E		X		X		4,203	\$300,000	Site Map
2015	2836 N 2nd St (Single Family)	2836 N 2nd St Milwaukee WI 53212		M&E		X		X		1,785	\$140,000	Site Map
2015	2807-09 N 6th St (Duplex-ADA)	2807-09 N 6th St Milwaukee WI 53212		M&E		X		X		3,430	\$280,000	Site Map
2015	2337 N 10th St (Single Family-Fire)	2337 N 10th St Milwaukee WI 53212		M&E		X		X		3,362	\$140,000	Site Map
2015	2522 N 15th St (Single Family-ADA)	2522 N 15th St Milwaukee WI 53212		M&E		X		X		3,034	\$140,000	Site Map
2016	Grant-Acquah Residence Outdoor Kitchen	3443 N Menomonee River Parkway Milwaukee WI 53222	Dr. & Mrs. Nana Grant-Acquah	M&E		X	X			350	\$45,000	Site Map
2019	WI LUTHERAN HIGH SCHOOL Dorm & Apts (72Bed+62U)	8041 West Bluemound Road Milwaukee WI 53213	WI Lutheran High School (TG)	M&E		X	X			118,000	\$15,000,000	Site Map
2022	Garfield Theater Apartments (8Unit Live/Work)	2947 N Dr MLK Jr Drive Milwaukee WI 53212	EMEM Group+GenCapGroup (JLA)	M&E		X	X	X	X	22,755	\$2,000,000	Site Map
Total											\$422,352,215	

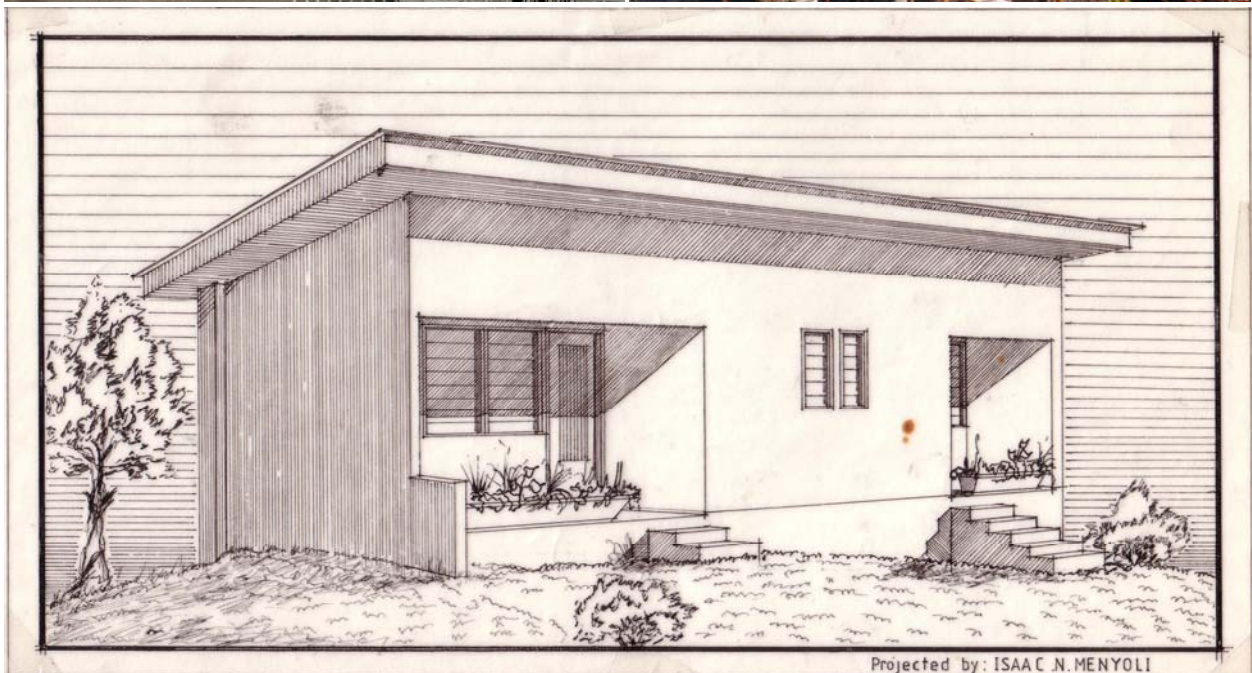
BUEA UNIVERSITY STUDENT HOUSING

New student residential building, Bonduma, Buea, Cameroon

Size: 6,500 sf (603 m²) | Verandah | Living | Kitchenette | Toilet
Cost: \$600,000
Completion: 1989
Client: Fakoship Limited

After receiving design and construction training from Shelter VA Architects, Isaac Menyoli embarked on designing his first housing project for students at the University of Buea. The construction drawings were hand-drawn. The design is based on a concept of an efficient studio which allowed the students outdoor living into an indoor sleeping. These twenty studios were built gradually against an existing block and plaster fence. To keep the construction cost down, the floor plan was devised on a modular concept and constructed of standard block, plaster and zinc roof. To avoid constant maintenance, it was recommended that the building was not to be painted. Having lasted over 25 years, the design of this building show very little wear and tear which is a testament to architecture rooted in its environment.





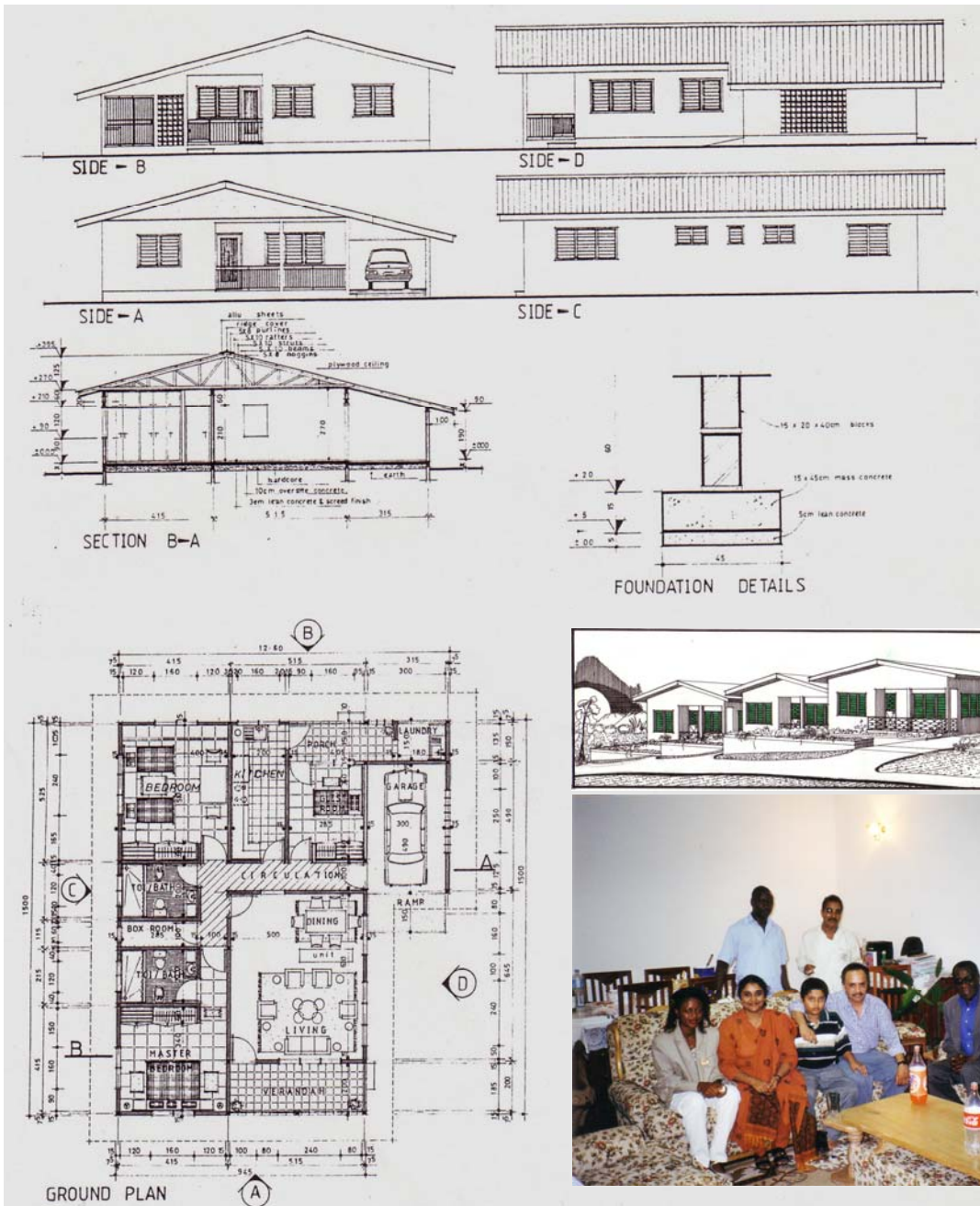
4 PRIVATE HOMES

New residential buildings, Bonduma, Buea, Cameroon

Size: 10,000 sf (929 m2) | Verandah | Living | Dining | 3 Bedrooms | 2 Bathrooms | Kitchen | Laundry | Garage |
Cost: \$600,000 (40 million CFA Frs)
Completion: 1990
Client: Fakoship Limited

The success from the Buea University Student Housing project allowed Isaac Menyoli the opportunity to design his early custom homes which were leased to professors from the University of Buea. The construction drawings were hand-drawn. The design is an L-shaped plan flanked with verandas and garage on the exterior faces. To keep the construction cost down, the floor plan was devised with clear circulation paths and constructed of standard block, plaster and zinc roof. Painting the plastered walls meant future repainting which is expensive for this tropical climate.





Construction drawings from 1987

BELLEVIEW SKILLED NURSING

Addition, renovation, restoration and adaptive reuse of residential building, Milwaukee, Wisconsin, USA

Size: 38,624 sf | 60 beds | Dining room | Library | Kitchen | Activity room | Outdoor spaces | ADA ramp & Elevators

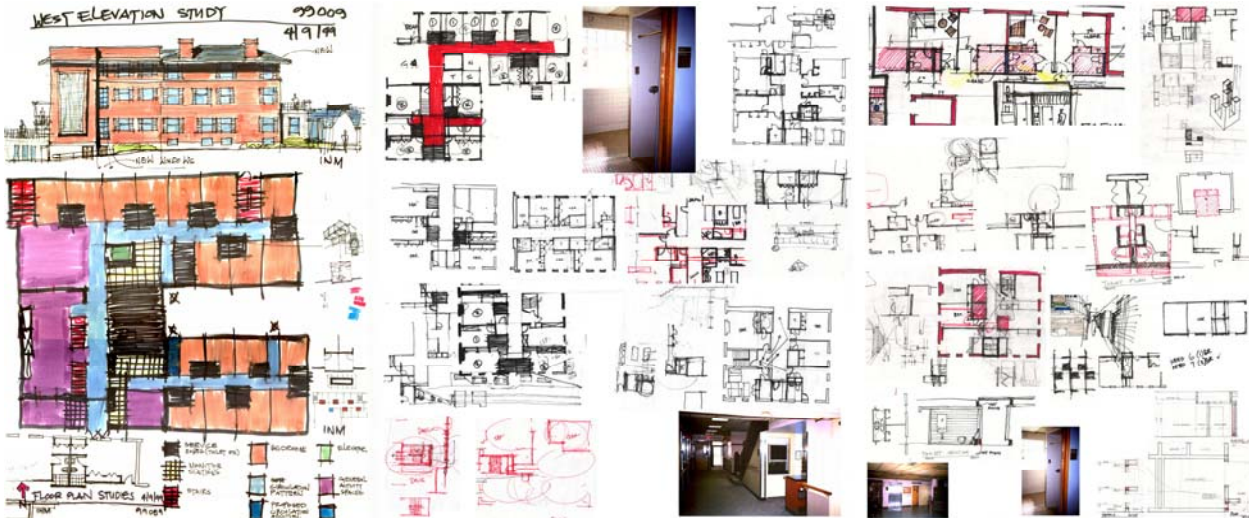
Cost: \$1.5 million (including interior renovation)

Completion: 2000

Client: Donald Baver

Built in 1921 as a convalescent hospital in the Frank Lloyd Wright style, the building had several major addition in 1967 and renovation in 1980. This repeated client operated a successfully community based residential facility (CBRF) which we had designed a decade prior to this project. Charged with this gargantuan responsibility, the client commissioned us to perform existing facility condition assessment of the building envelope and core systems in order to facilitate the pre-design through construction administration process. The scope of this project required the renovation and restoration of this existing skilled nursing to include 60 beds, dining room, library, kitchen, activity room, outdoor patio, ADA ramp and elevator upgrade. The Southeast patio which had been converted as an exterior wood deck sitting area had suffered serious ponding which deteriorated the roofing systems and caused multiple leakages. Our solution removed this wood patio, installed updated roof drains and new roofing systems. The planning, designing and execution of this project gave us a wider experience in providing design services on an existing building with several additions with outdated systems complexities.





Design is our passion



Images of existing building prior to completion

WEGLARZ LOFT & OFFICE

Renovation and restoration of mixed-use building, Milwaukee, Wisconsin USA

Size: 5,550 sf | Office | Loft | Repair garage

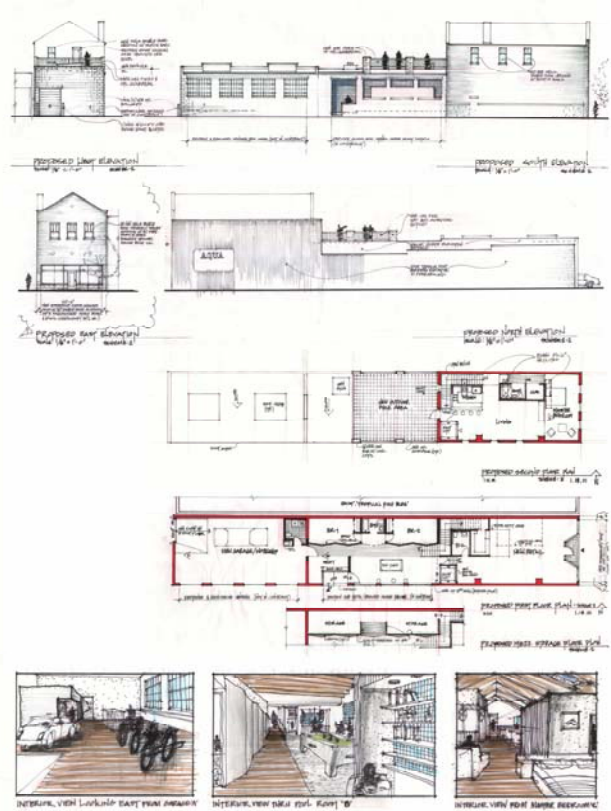
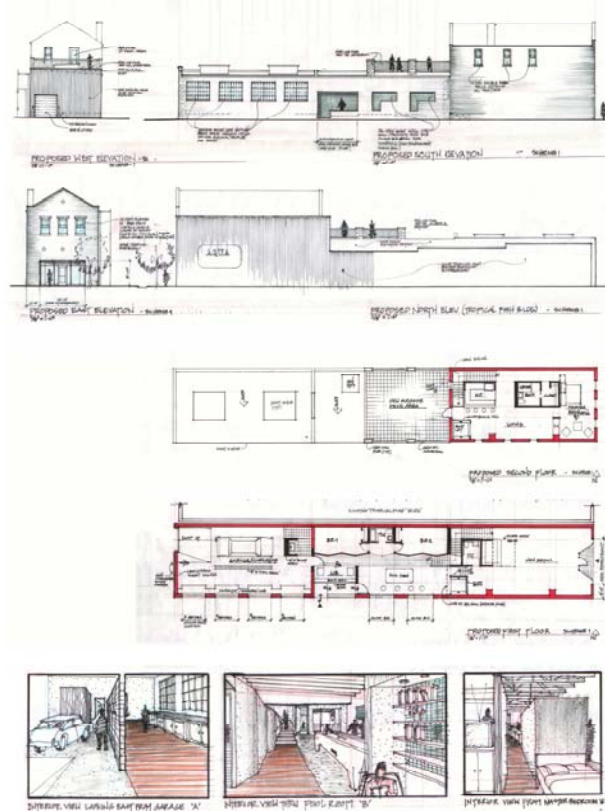
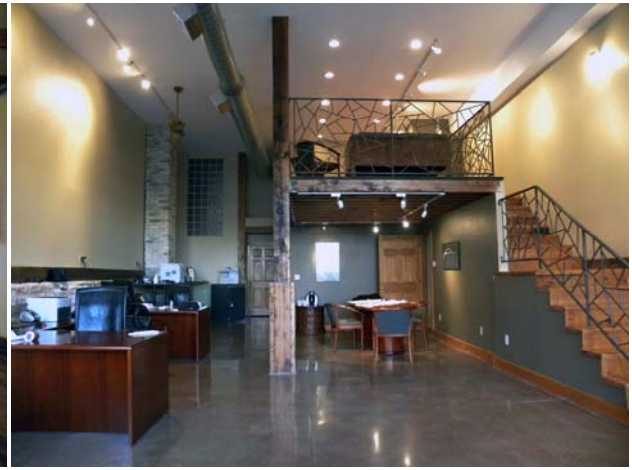
Cost: \$350,000

Completion: 2002

Client: Matt & Heather Weglarz

Built in 1895 as a flour mill and grocery shop, this classic Milwaukee historic building was restored to accommodate a mixed use program which included retail or office on the first floor street entrance, workshop on the rear of the first floor and loft with living, dining, bedrooms, kitchen and roof deck patio on the first and second floor. Since the building had been abandoned for a while and had faced severe deterioration on its envelope, we provided a facility condition assessment which allowed the owner and design team to make informed design decision. We also provided multiple design schemes which were presented to the City of Milwaukee Historic Preservation Commission which secured a façade grant for the owner. This project reopened the dilapidated interior and allowed the building to breathe. Our commitment to the project meant working with the client from concept through design and construction. The restoration of these and many other existing buildings solidify our commitment to adaptive reuse.





Existing building prior to renovation

Existing building interior prior to renovation

HISTORIC RESIDENCE RENOVATION

Restoration, renovation & addition of existing historic residential building, Kenilworth, IL, USA

Size: 10,685 sf | Living rooms | Dining room | Kitchen | Bedrooms | Outdoor patio and pool | Landscape |

Cost: \$2.1 million (including interior renovation & addition)

Completion: 2002

Client: Robert Spindell

Designed by Daniel Burnham in 1896, this classical revival home had lost its exterior envelope integrity. The existing home, as seen on images in page 2 had multiple envelope problems. Our solution in restoring this historic building started with a full existing condition assessment which included site surveys, field data collection, as-built verification and a complete report which enabled a vision on the execution of this project. We also performed structural analysis and design, construction cost estimate, construction documents and construction administration throughout the complicated and delicate restoration of this beautiful home. Using historically appropriate requirements, the roof, exterior walls and openings were restored. The restoration design of the existing interior and addition involved using U.S. Department of the Interior-National Park Service's *Standards for Restoration* and also studying Burnham's existing drawings and similar of his other buildings which gave us a clear direction in executing the project keeping to the original design intent.





Construction Images



RIVERCREST TOWNHOMES

New residential buildings, Milwaukee, Wisconsin, USA

Size: 54,880 sf | Balcony | Living room | Dining room | Kitchen | Bedrooms | Bathrooms | Laundry | Garage |
Cost: \$20 million
Completion: 2002
Client: Mandel Group (Arquitectura)

Located along Commerce Street near the intersection of Humboldt and North Avenues, RiverCrest offers 40 luxury townhomes. With private attached two-car garages and separate private entries, RiverCrest townhomes offer many of the best attributes of single-family living with carefree urban lifestyle feel. Spectacular views of the river corridor and the downtown skylines abound in these modern loft-style homes which feature grand window walls and a distinctive urban feel.

Isaac Menyoli was consultant architect on this project for Arquitectura. Isaac's principal role included construction documentation with respect to floor plans, building sections and detailing of the building envelope. Isaac also assisted the design team in selecting exterior materials and refinement of the design throughout.





GANOS GARAGE & STORAGE

New residential building, Muskego, Wisconsin, USA

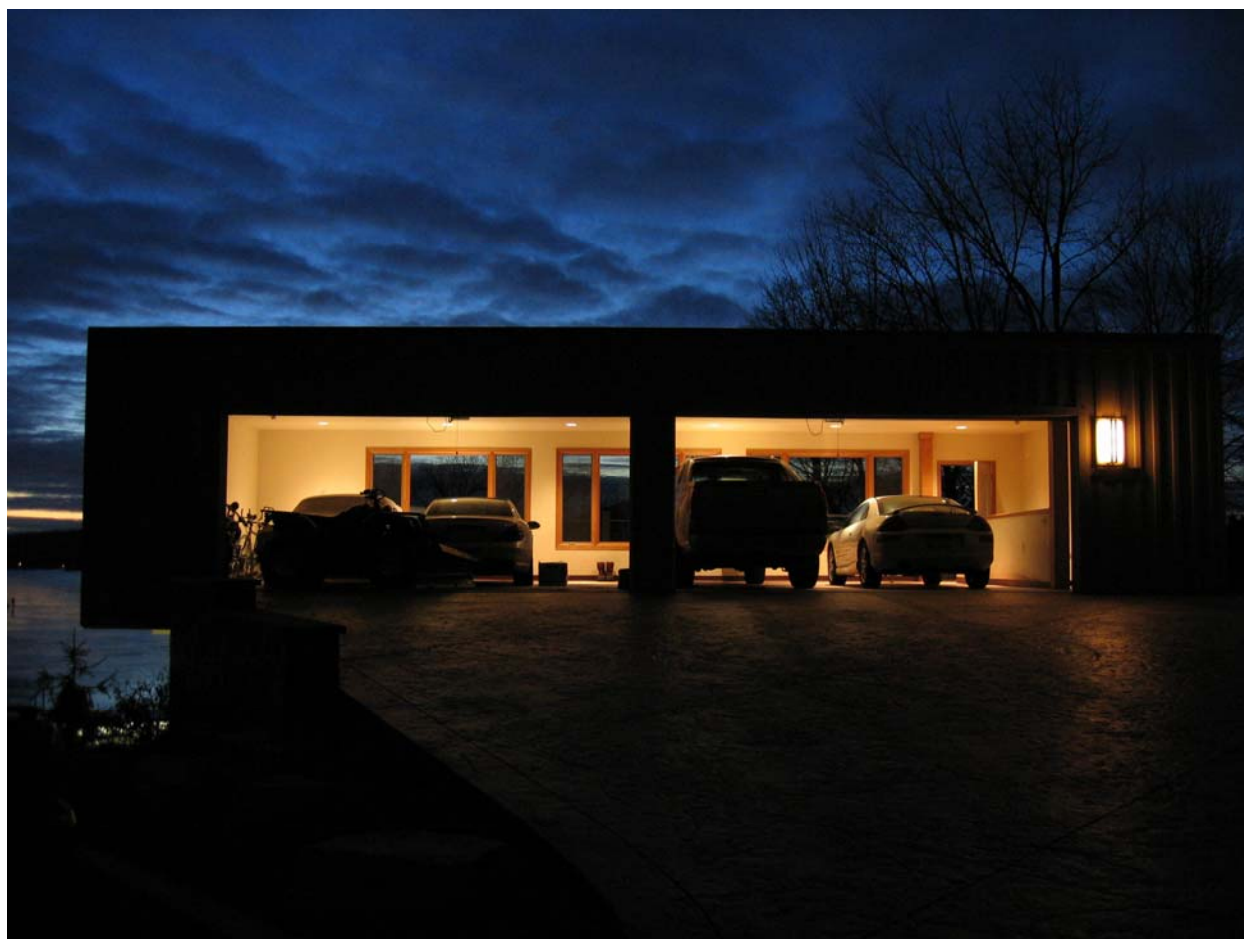
Size: 2,304 sf | Garage | Storage | Workshop |

Cost: \$195,000

Completion: 2004

Client: Brian Ganos

Designed for a ready-mix concrete company owner, this storage was intended to store luxury cars on the upper level while providing a safe storage on the lower level for flammable materials, workshop and storage racks. The resulting design is a building that blended with the material quality of the existing home, yet departed from the traditional style. The site was a steep driveway, so the building was pushed into the earth. The building is a simple wood-clad 4-car garage box perched and cantilevered on an 18 inch thick concrete wall workshop plinth. The concrete wall exterior finish, inspired by the client, is a rubble stone course formwork with weather sealant that will survive the brutality of the Midwest climate. M&E ARCHITECTS ENGINEERS guided the owner and owner's rep on this project from predesign through construction closeout.



CONDULAC

Renovation and restoration of mixed use building, Milwaukee, Wisconsin USA

Size: 17,600 sf | 12 Apartments | Retail Spaces | Envelope Restoration |
Cost: \$1.5 million
Completion: 2004
Client: Matrix Rental

Milwaukee, a Midwest industrial rust belt city, invented some of the most innovative technological achievements in 19th century America. Workers came from all over America and the world to claim a stake on this opportunity and therefore entertainment, retail and housing needs were in great demand. Architects practicing during this time had designed thousands of buildings with retail spaces on the first level and multi-family housing above. As the industrial prosperity eroded, these buildings were abandoned thereby creating a vast pocket of lifeless communities.

The repeated client called for refurbishing of this building, M&E ARCHITECTS responded by carefully restoring the envelope to its original form and renovating the interior to contain retail spaces below and 12 double height apartment units with openings cut into the existing floor.





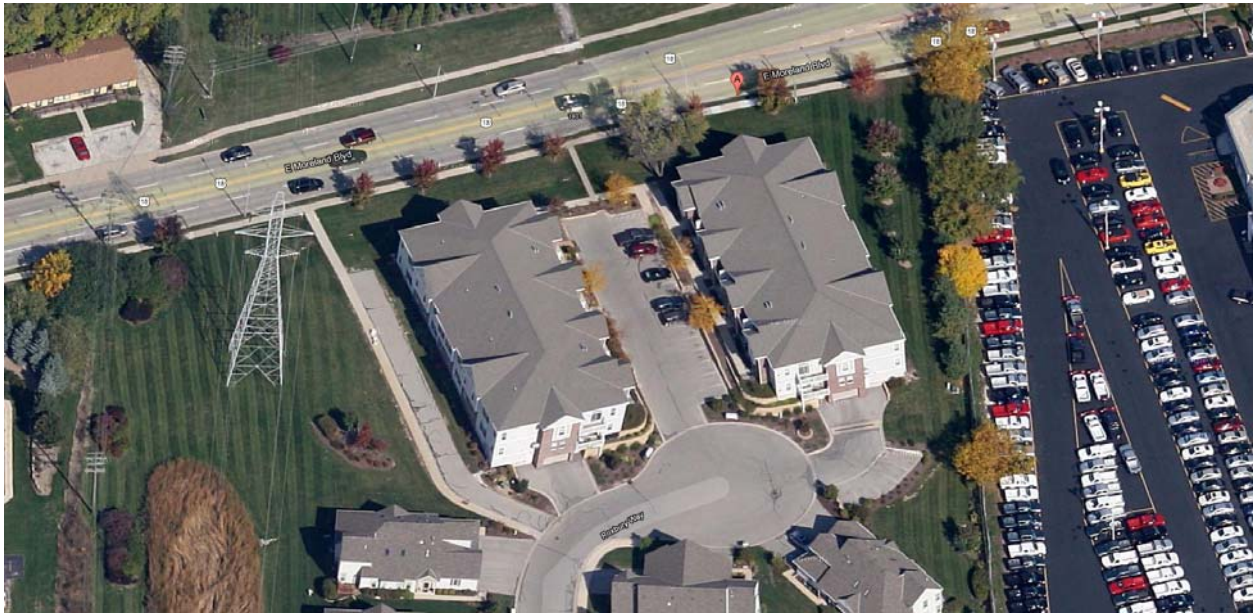
VILLAS OF WAUKESHA

New housing building, Waukesha, Wisconsin, USA

Size: 65,840 sf | 2-16 unit condos | Indoor Parking |
Cost: \$6.3 million
Completion: 2004
Client: Heartland Development Group Ltd (TWP)

Isaac Menyoli was consultant architect on this housing project for TWP. Isaac's principal role included designing and construction documentation with respect to floor plans, building sections and detailing of the building core and envelope. Isaac also assisted the design team in selecting exterior materials and refinement of the design throughout.





CEDARLAKE VILLAGE BUILDING 1 & 2

New housing building, Plainfield, Illinois, USA

Size: 215,314 sf | 2-186 unit apartments | Indoor Parking | Hall | Dining | Library | Conference | Offices |
Cost: \$21 million
Completion: 2007
Client: Horizon Development Group (eua)

Isaac Menyoli was consultant architect on this first of many housing projects for eua. Isaac's principal role included designing and construction documentation with respect to floor plans, building sections and detailing of the building core and envelope. Isaac also assisted the design team in selecting exterior materials and refinement of the design throughout. Charged with the task of implementing the use of Autodesk's Architectural Desktop 3D software, Isaac, along with the other design team members were able to accelerate the schedule for construction document deliverables.



FIRST PLACE (aka POINT ON THE RIVER)

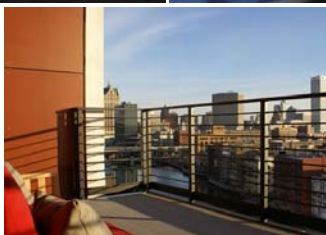
New housing and mixed use building, Milwaukee, Wisconsin, USA

Size: 420,206 sf | 154 unit condos | Indoor parking | Hall | Restaurants | Dental office | Conference | Offices |
Cost: \$60 million
Completion: 2008
Client: KeyBridge Development (eua)

Located on the Milwaukee River, this 154 unit condominium building consists of a new 12 story steel structure on an existing concrete warehouse superstructure. It also includes 263 parking stalls and 20,000 SF of office and retail spaces.

Isaac Menyoli was consultant architect on this mixed use project for eua. Isaac's principal role included designing and drafting all 54 unit types. Isaac also was responsible in construction documentation with respect to floor plans, building sections and detailing of the building core and rainscreen envelope. Isaac also assisted the design team in selecting exterior materials and refinement of the design throughout. The success of Autodesk's Architectural Desktop 3D software allowed the design team to accelerate the schedule for construction document deliverables.





601 LOFTS

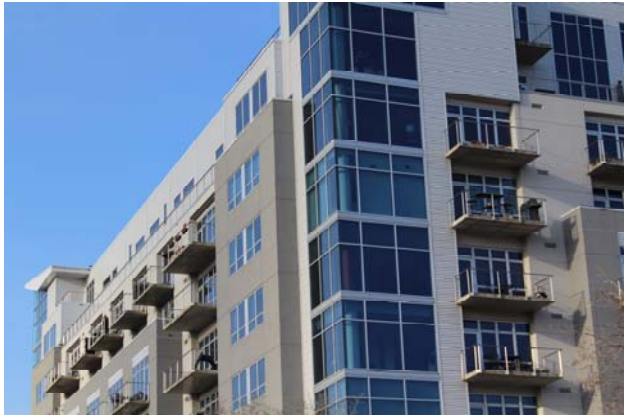
New housing and mixed use building, Milwaukee, Wisconsin, USA

Size: 203,000 sf | 80 unit lofts | Indoor parking | Retail spaces | Conference hall | Offices |
Cost: \$25 million
Completion: 2008
Client: KeyBridge Development (eua)

Rated 4 out of 25 top luxury lofts in the City of Milwaukee, this post-tension concrete floor slab building with durable exterior cladding is located close to the heart of Milwaukee's cultural and entertainment centers. The ten story building has a u-shaped plan with an eight story courtyard on the east side of the building away from the busy street.

Isaac Menyoli was consultant architect on this mixed use project for eua. Isaac's principal role included designing and drafting all 14 unit types. Isaac also was responsible for generating construction documentation which included floor plans, building sections and detailing of the building core and rainscreen envelope. Isaac also assisted the design team in selecting exterior materials and refinement of the design throughout including designing and selection of the elevator systems.





SANTA FE YOUTH SHELTERS

New residential building, Santa Fe, New Mexico, USA

Size: 5,000 sf | Living Rooms | Dining Rooms | Kitchens | Bedrooms | Baths |

Cost: \$1.4 million

Completion: 2010

Client: Youth Shelters and Family Services (YSFS)

For over twenty years Youth Shelters and Family Services (YSFS) has served run-away youth in Santa Fe by offering emergency shelter, social services, life skills counseling, and transitional housing. The project required undertaking programming and conceptual design services for a new Transitional Living Center that will provide youth with transitional accommodations between the shelter and market rate housing. The five two-bedroom units were organized in a sawtooth plan to maximize individual enclosed outdoor spaces and to minimize views from one unit to another. In addition to private funds, the project is funded through grants from HUD and the state legislature.

Sam Edwards was project architect on this project for KCA and performed design services from design development through construction administration with emphasis in construction documentation.





LINDSAY HEIGHTS NSP – Scattered Sites

Addition, renovation, restoration and adaptive reuse of 8 single family & 8 Duplexes, Milwaukee, Wisconsin, USA

Size: 50,700 gsf | Living | Kitchen | Dining | Bedrooms | Toilet | Laundry | Storage | Parking Garages | New MEP
Cost: \$4 million
Completion: 2013
Client: Lindsay NSP, LLC (eua)

According to U.S. Department of Housing and Urban Development, the Neighborhood Stabilization Program (NSP) was established for the purpose of stabilizing communities that have suffered from foreclosures and abandonment. Through the purchase and redevelopment of foreclosed and abandoned homes and residential properties, the goal of the program is being realized.

Lindsay Heights NSP in Milwaukee included the addition, renovation and adaptive reuse of 8 single family and 8 duplexes. The restoration of these homes helped restored, invigorated and sustain an established urban patterns while creating a more stable and interactive community.

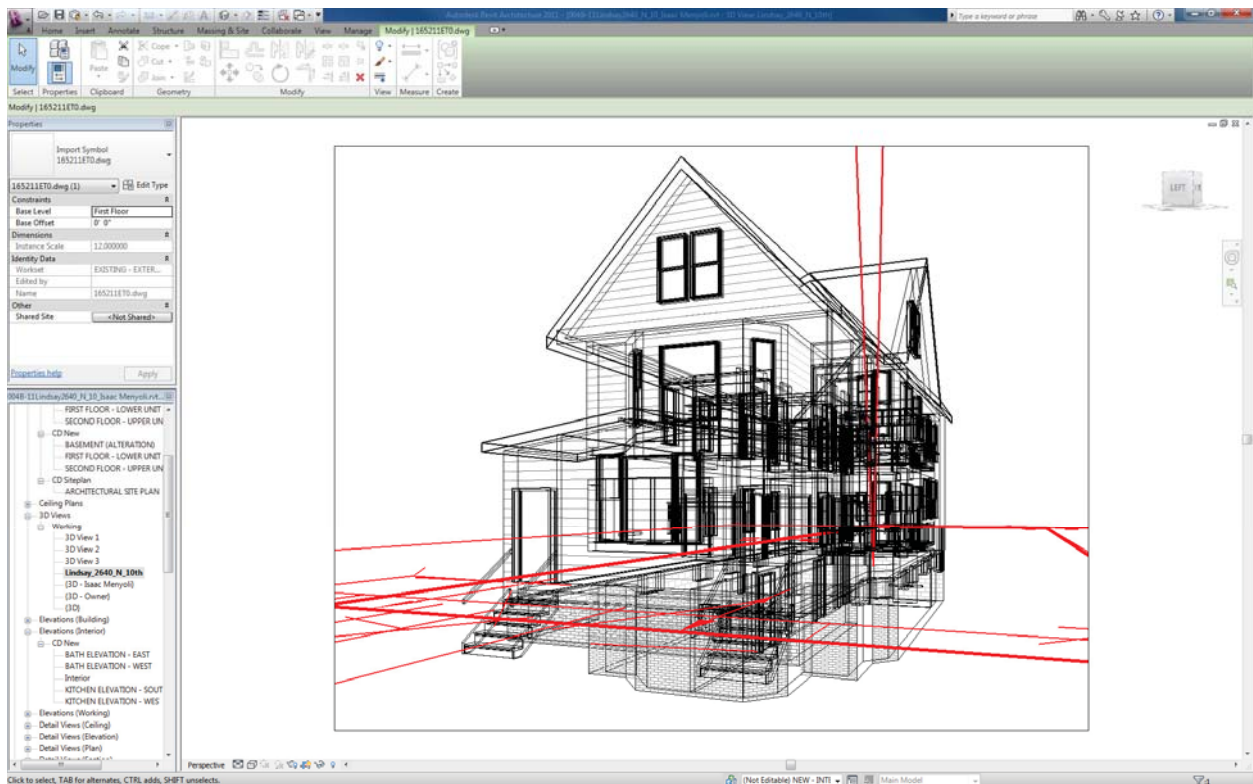
Using cutting edge Building Information Modeling (BIM) technology, M&E ARCHITECTS ENGINEERS delivered the architectural and structural design and construction drawings services of these homes effectively.



2525 N 10th Street Milwaukee WI – Completed Single Family



2640 N 10th Street Milwaukee WI – Completed Duplex



2640 N 10th Street Milwaukee WI – Building Information Modeling (BIM) Screenshot from Architecture Revit 2011



2825 N 10th Street Milwaukee WI – Completed Single Family



2529 N 9th Street Milwaukee WI – Completed Single Family



2726 N 12th Street Milwaukee WI – Completed Duplex



1309 W Hadley Street Milwaukee WI – Completed Single Family



1530 W Hadley Street Milwaukee WI – Completed Duplex



2753 N 10th Street Milwaukee WI – Completed Duplex



2457 N 14th Street Milwaukee WI – Completed Single Family



2631 N 14th Street Milwaukee WI – Completed Single Family



2444 N 16th Street Milwaukee WI – Completed Single Family



1517 W Center Street Milwaukee WI – Completed Single Family



814 W Wright Street Milwaukee WI – Completed Duplex



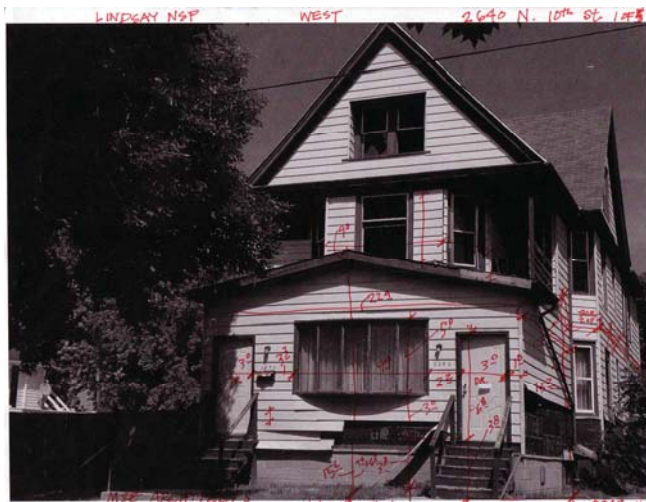
2758 N 15th Street Milwaukee WI – Completed Duplex



2764 N 16th Street Milwaukee WI – Completed Duplex



2601 W Wells Street Milwaukee WI – Completed Duplex



2640 N 10th Street Milwaukee WI – Building Survey



3333 HIGHLAND

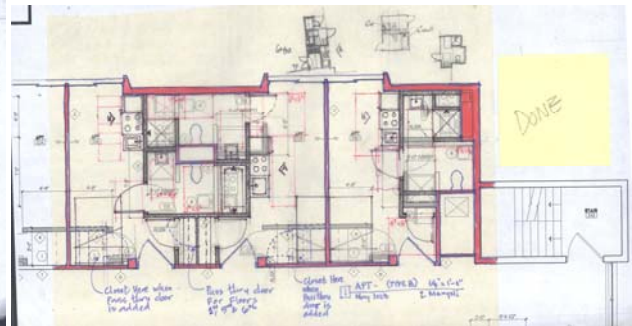
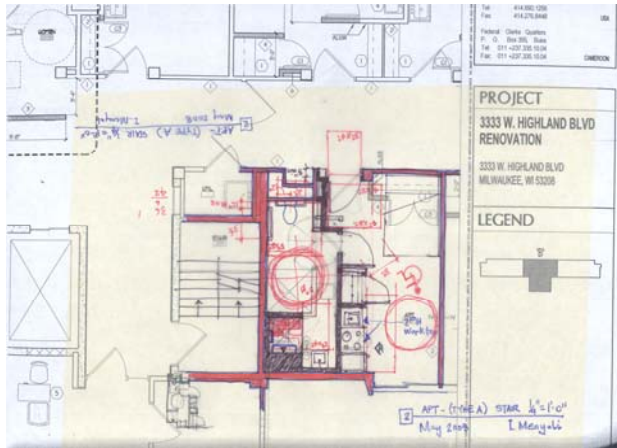
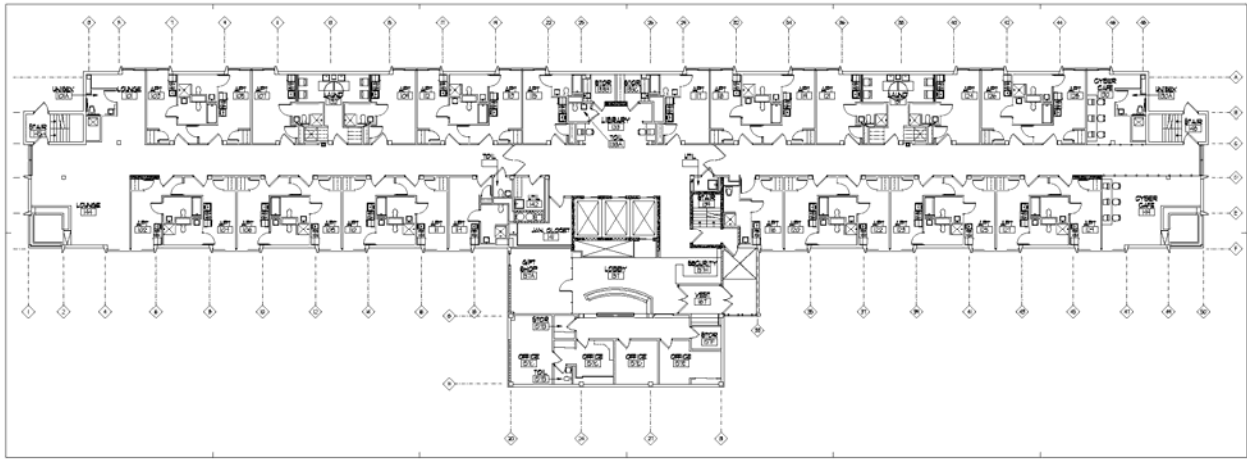
Renovation, restoration and adaptive reuse of mixed-use residential building, Milwaukee, Wisconsin USA

Size: 110,833 sf | 75 Apartments | Gymnasium | Offices | Cyber Café | Event Hall | Restaurant |
Cost: \$3.5 million
Completion: 2014
Client: Studio Six Properties, LLC

Once in a while, a project comes along that challenges a firm's past design experience and creates a fantastic opportunity for that firm to excel, this was that project. Designed by the firm of Shepherd Associates Architects and Planners for Unicare Health Services Inc. in 1969, this existing building served as the home for Highland Heights Convalescent Center for 30 years. The building was abandoned for almost 10 years until this developer brought to us his vision of a building that would function as a mixed-use city block with apartments, gymnasium, offices, cyber café, event hall and restaurant.

Because this building had been abandoned for a long period, M&E ARCHITECTS commenced this project by conducting a complete envelope, structural and M/E/P systems analysis and report which allowed the team to make informed decisions as the project sailed from predesign to construction. The floors were cast in place concrete, the skin was brick on metal studs drywall, and the building was very modular. These characteristics therefore allowed an affordable renovation concept which inserted the above program around the existing utility shafts with limited structural demolition. Close to Marquette University, the 110, 833 sf building when completed, it will function like a city block with its retail, hospitality and office functions on the first, second and third levels, to its 75 efficient apartment units on the first to sixth levels.





Construction



M&E ARCHITECTS + ENGINEERS

205 W. Highland Ave. Milwaukee, WI 53203 USA

P: 414.690.1256 | E: studio@MEAS-LLC.com

COMMERCIAL / CIVIC

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
1995	3400 S 27th St	3400 S 27th St Milwaukee WI 53215		T3				X		5,048	\$479,560	Site Map
1995	Airport Business Center	555 West Layton Ave Milwaukee WI 53207	Aiport Business Center	T3				X		28,252	\$2,683,940	Site Map
1995	Big Wheel Rossi	5940 W Bluemound Rd Milwaukee WI 53213	Big Wheel Rossi	T3				X		6,600	\$627,000	Site Map
1995	Buffalo Wild Wings	1123 N Water St Milwaukee WI 53202	Buffalo Wild Wings	T3				X		6,876	\$718,200	Site Map
1995	Burgman Building	9720 N 107th St Milwaukee WI 53224	Burgman	T3				X			\$0	
1995	Dunham's	Racine WI	Dunham's	T3				X			\$0	
1995	First Financial Plaza		First Financial	T3				X			\$0	
1995	H&R Block	76th St & Layton Ave Milwaukee WI 53220	H&R Block	T3				X			\$0	Site Map
1995	H&R Block	6730 W Greenfield Ave Milwaukee WI 53214	H&R Block	T3				X			\$0	Site Map
1995	Harwood Resturant	7754 Harwood Ave Milwaukee WI 53213	Harwood	T3				X		6,360	\$604,200	Site Map
1995	Integrated System Corp	4650 N Port Washington Rd Milwaukee WI 53212	Integrated System Corp	T3				X		1,452	\$137,940	Site Map
1995	Integrated System Corp	8785 N Port Washington Rd Milwaukee WI 53217	Integrated System Corp	T3				X		12,787	\$1,214,765	Site Map
1995	Jazz Club	Northern Lights Building		T3				X			\$0	
1995	J.C. Penney	Westlane Shopping Center West Allis WI	J.C. Penney	T3				X		36,880	\$3,503,600	
1995	Kohl's - Demo	Soutridge Plaza	Kohl's	T3				X			\$0	
1995	Lakeside Oil	8785 N Port Washington Rd Milwaukee WI 53217	Riverpoint Village	T3				X		6,697	\$636,215	Site Map
1995	Manchester Mall	220 Oak St Milwaukee WI 53204	Manchester Mall	T3				X		0	\$0	
1995	Media Play / J.C. Penney	Westlane Shopping Center West Allis WI		T3				X		43,655	\$4,147,225	
1995	McNerney Heitz Inc	101 W Pleasant - Bottle House "B" Milwaukee WI 53212	Brewery Works, Inc	T3				X		4,810	\$456,950	Site Map
1995	Mr Roberts	Audubon Court 335 W Brown Deer Rd Milwaukee WI 53217	Mr Roberts	T3				X		2,825	\$268,375	Site Map
1995	Niphos Coatings Inc	227 Weil Dr Slinger WI 53086	Niphos Coatings Inc	T3				X		9,780	\$929,100	Site Map
1995	Northern Computer	5007 S Howell Ave Milwaukee WI 53207	Northern Computer	T3				X		39,810	\$3,781,950	Site Map
1995	Quality Building Products	7737 N 67th St Milwaukee WI 53223	Quality Building Products	T3				X		54,063	\$5,135,985	Site Map
1995	Papa John's		Papa John's	T3				X			\$0	
1995	Planet Video			T3				X			\$0	
1995	Party Makers	Hales Corner		T3				X			\$0	
1995	Prudential	8785 N Port Washington Rd Fox Point WI 53217	Prudential	T3				X		12,787	\$1,214,765	Site Map
1995	Roller Fabric	6619 W Calumet Rd Milwaukee WI 53223	Roller Fabirc	T3				X		163,500	\$15,532,500	Site Map
1995	Roundy's Circle	Roundy Circle Pewaukee WI		T3				X		36,800	\$3,496,000	
1995	Riverpoint - Corridor	Midland		T3				X			\$0	
1995	Speedy Print	159 N Broadway Milwaukee WI 53202	Speedy Print	T3				X		1,950	\$185,250	Site Map
1995	Schlotszky's Deli - Glendale	5524 N Port Washington Rd Glendale WI 53217	Schlotszki's Deli	T3				X		2,400	\$228,000	Site Map
1995	Schlotszky's Deli - Kossow	21461 E Moreland Blvd Waukesha WI 53186	Schlotszki's Deli	T3				X		2,372	\$225,340	Site Map
1995	Schlotszky's Deli - Menomonee Falls	N88W15515 Main St Menomonee Falls WI 53051	Schlotszki's Deli	T3				X		2,948	\$280,060	Site Map
1995	Santa Monica - Buettner Shops	Fox Point		T3				X			\$0	
1995	Southtown	West Allis WI	Southtown	T3				X			\$0	
1995	Tumble Weeds			T3				X			\$0	
1995	Wauwatosa Realty/Great Clips	Wauwatosa WI	Wauwatoa Realty/Great Clips	T3				X			\$0	
1995	Dunham's - Westgate Shopping Center	Racine WI	Westgate Shopping Center	T3				X			\$0	
1995	Warner Amex Cable Communications, Inc.	1610 N 2nd St Milwaukee WI 53212	Warner Amex Cable Communications	T3				X		122,932	\$5,642,905	Site Map
1995	U.W.G.	4915 S Howell Ave Milwaukee WI 53207		T3				X			\$1,500,000	Site Map
1995	Viacom	Glendale	Viacom	T3				X			\$0	

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
1996	USAV Communications Group	N2895 S Mooreland Rd New Berlin WI 53151	USAV Communications Group	T3				X		14,100	\$1,339,500	
1996	Valentine	8705 N Port Washington Rd Fox Point WI 53217	Riverpoint Village	T3				X		1,950	\$185,250	Site Map
1996	Sir Speedy Inc	219 E Wisconsin Ave Milwaukee WI 53202	Sir Speedy Inc	T3				X		3,432	\$326,040	Site Map
1996	V-Production Inc	6619 W Calumet Rd Milwaukee WI 53223	V-Production Inc	T3				X		34,950	\$3,320,250	Site Map
1996	Yuni's Building	13175 W Bluemound Rd Brookfield WI 53005	Yuni	T3				X		7,755	\$736,725	Site Map
1996	Willow Glen	333 W Forest Home Ave Milwaukee WI		T3				X		6,120	\$581,400	
1996	Milwaukee Bearing	S 82 W 19362 Apollo Dr Muskego WI 53150	Milwaukee Bearing	T3				X		14,400	\$1,368,000	Site Map
1996	E.B.A.	6619 W Calumet Rd Milwaukee WI 53223		T3			X			8,064	\$806,400	Site Map
1996	Super Track Auto	S Chase Ave Milwaukee WI	Super Track Auto	T3				X		15,000	\$1,425,000	
1996	Schlotsky's Deli	Pewaukee WI	Schlotsky's Deli	T3				X			\$0	
1996	Schlotsky's Deli	Kenosha WI	Schlotsky's Deli	T3				X		3,240	\$450,000	
1996	Sampson Investment	W Good Hope Rd Milwaukee WI	Sampson Investment	T3				X			\$0	
1996	Big Wheel Rossi	8082 N 76th St Milwaukee WI 53223	Big Wheel Rossi	T3				X		8,000	\$760,000	Site Map
1996	Car X	4650 N Port Washington Rd Glendale WI 53212	Car X	T3				X		5,500	\$522,500	Site Map
1996	Alt. & Add. To Commercial Building	7950 N Port Washington Rd Fox Point WI 53217		T3				X		5,740	\$545,300	Site Map
1996	China Town Buffet	1405 Creston Park Dr Jansville WI 53545	China Town Buffet	T3				X		4,002	\$380,190	Site Map
1996	Falls Business Center	13500-13598 County Rd KK Menomonee Falls WI 53051		T3				X		147,724	\$14,033,780	Site Map
1996	Flexi-Force	2120 E Mooreland Blvd Waukesha WI 53186	Flexi-Force	T3				X			\$0	Site Map
1996	Grand Rental Station	4305 S 108th St Greenfield WI 53228	James Wroblewski	T3				X		5,698	\$541,310	Site Map
1996	Great Clips	S Mooreland Rd & National Ave New Berlin WI 53151	Great Clips	T3				X		4,360	\$414,200	Site Map
1996	Jiffy Lube - Greendale	5200 S 76th St Greendale WI 53129	Jiffy Lube	T3				X		16,056	\$1,525,320	Site Map
1996	Jiffy Lube - Bayshore	5900 N Port Washington Rd Glendale WI 53217	Jiffy Lube	T3				X		12,411	\$1,179,045	Site Map
1996	Jiffy Lube - Northridge	7700 W Brown Deer Rd Northridge WI 53223	Jiffy Lube	T3				X		20,433	\$1,941,135	Site Map
1996	J.C. Licht Co.	W Florida & S 1st St Milwaukee WI 53204	J.C. Licht Co	T3			X			7,000	\$700,000	Site Map
1996	Kindy Optical	2120 E Mooreland Blvd Waukesha WI 53186	J.C. Licht Co	T3				X		2,310	\$219,450	Site Map
1996	Kohl's Shopping Center	Santa Monica	Kohl's	T3				X			\$0	
1996	Kohl's Shopping Center	University Ave Madison WI 53705	Kohl's	T3				X			\$0	
1996	Mama Mia's	Riverpoint	Mama Mia's	T3				X			\$0	
1996	Midland Offices	8785 N Port Washington Rd Foxpoint WI 53217		T3				X		4,634	\$440,230	Site Map
1996	Existing Shopping Center	Layton Ave & S Nicholson Ave Milwaukee WI 53110		T3				X		57,000	\$5,415,000	Site Map
1996	S 108th St & W Arthur Ave	S 108th St & W Arthur Ave West Allis WI 53227		T3				X		27,220	\$2,585,900	Site Map
1996	Baseball Complex	Good Hope Rd		T3				X			\$0	
1996	Guaranty Bank SSB	4000 W Brown Deer Rd Brown Deer WI 53209	Guaranty Bank SSB	AE3			X				\$300,000	Site Map
1996	Guaranty Bank SSB	West Bend WI	Guaranty Bank SSB	AE3			X				\$250,000	
1996	Elsner Building	Brookfield WI	Tom Elsner	AE3				X			\$180,000	
1996	Walgreens	6210 W Loomis Rd Greendale WI 53129	Walgreens	AE3			X			13,900	\$1,300,000	Site Map
1997	Walgreens	31100 Groesbeck Hwy Fraiser MI 48026	Walgreens	AE3			X			13,900	\$1,300,000	Site Map
1997	Walgreens	6246 Southway Greendale WI 53219	Walgreens	AE3			X			13,905	\$1,400,000	Site Map
1997	Walgreens	7600 W Capitol Dr Milwaukee WI 53222	Walgreens	AE3			X			16,380	\$1,100,000	Site Map
1997	Walgreens	10800 W Captiol Dr Wauwatosa WI 53222	Walgreens	AE3			X				\$1,200,000	Site Map
1997	Walgreens	8277 W Greenfield Ave West Allis WI 53214	Walgreens	AE3			X			13,905	\$950,000	Site Map
1997	Kaitelle Building	11811 W Carmen Ave Milwaukee WI 53225	Hampton Plumbing	AE3				X		18,895	\$1,795,025	Site Map
1997	Steinmeyer Building	205 W Highland Ave Milwaukee WI 53203	Irgens Development Partners	AE3				X			\$0	Site Map
1997	Times Square - Radio Shack	7600 W Capitol Dr Milwaukee WI 53222	Redmond Development Group	AE3				X			\$750,000	Site Map
1997	Truck/Bus Garage Repair	Milwaukee WI	Sterling Trucking Inc	AE3				X			\$10,000	
1997	JDTV Alterations	Milwaukee WI	Steve Marino	AE3				X			\$20,000	
1997	Minnesota Fabirc (Tenant Remodeling)	7600 W Capitol Dr Milwaukee WI 53222	Redmond Development Group	AE3				X		13,355	\$20,001	Site Map
1997	Simply Relaxing	Waukesha WI	Sherry Williams	AE3				X			\$15,000	
1997	Silvermail Shopping Center	Waukesha WI	Pat Ziebell	AE3				X			\$150,000	
1998	PM Sleep Center	Brookfield WI	PM Sleep Center	AE3				X			\$10,000	
1998	Walgreens	6707 W Hampton Ave Milwaukee WI 53218	Walgreens	AE3			X			13,905	\$1,100,000	Site Map

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
1998	Walgreens	2901 Golf Rd Delafield WI 53018	Walgreens	AE3			X			13,905	\$1,700,000	Site Map
1998	Walgreens	401 E Capitol Dr Milwaukee WI 53215	Walgreens	AE3			X			15,680	\$1,400,000	Site Map
1998	Walgreens	6125 Durand Ave Racine WI 53406	Walgreens	AE3			X			15,120	\$1,000,000	Site Map
1998	Walgreens	W Appleton Ave & Rivercrest Dr Menomonee Falls WI 53051	Walgreens	AE3			X			15,120	\$0	Site Map
1998	Walgreens	E Kilbourn Ave & N Van Buren St Milwaukee WI 53202	Walgreens	AE3			X			18,160	\$0	Site Map
1998	Walgreens	4730 S 27th St Milwaukee WI 53221	Walgreens	AE3			X			14,420	\$1,000,000	Site Map
1998	Walgreens	601 Meadowbrook Rd Waukesha WI 53188	Walgreens	AE3			X			14,490	\$1,100,000	Site Map
1998	Hilton Hotel	250 E Wisconsin Ave Suite 1503 Milwaukee WI 53202	Hilton Hotel	AE3				X		1,886	\$300,000	Site Map
1998	Automated Finishes Inc	N 60 W 14521 Kaul Ave Menomonee Falls WI 53051	John Deede	AE3			X			33,690	\$900,000	Site Map
1998	O.E.I.	West Allis WI	OEI Manufacturing Inc	AE3				X			\$130,000	
1998	Craftmaster	Sussex WI	Craftmaster	AE3				X			\$0	
1998	Hilton Hotel (Empire Room)	250 E Wisconsin Ave Suite 1503 Milwaukee WI 53202	Hilton Hotel	AE3				X		1,886	\$60,000	Site Map
1998	Quickrete Company	W 225 N 6236 Village Dr Sussex WI 53089	Quickrete	AE3				X			\$0	Site Map
1998	Southgate Mall	3355 S 27th St Milwaukee WI 53215	Southgate Mall	AE3				X		298,147	\$28,323,965	Site Map
1998	Southgate Cinema 10	3300 S 30th St Milwaukee WI 53215	Southgate Cinema	AE3				X		38,487	\$1,500,000	Site Map
1998	Southgate Mall (Building C)	3333 S 27th St Milwaukee WI 53215	Southgate Mall	AE3				X		39,396	\$400,000	Site Map
1998	Michigan National Gas	Various Locations	ANGI International LLC	AE3				X			\$180,000	
1998	Guaranty Bank (Main Entry/ATM Reno)	4000 W Brown Deer Rd Brown Deer WI 53209	Guaranty Bank SSB	AE3				X			\$175,000	Site Map
1998	Polscheck Property Management (Plans)	Various Locations	Polascheck Property Management	AE3				X			\$10,000	
1998	Structural Inspection	Grafton WI	Grafton Dells Inc	AE3				X			\$40,000	
1998	Timmerman Plaza	10330 W Silver Spring Dr Milwaukee WI 53225	Polascheck Property Management	AE3				X		194,911	\$120,000	Site Map
1998	6900 Pavilion Plaza	6900 W Brown Deer Dr Milwaukee WI 53223	Jack Marszalek	AE3				X			\$100,000	Site Map
1998	Western Lakes (Roof Top Units)	W287 N1963 Oakton Rd Pewaukee WI 53072	Western Lakes Golf Club Inc	AE3				X			\$10,000	Site Map
1998	Hampton Plumbing	Milwaukee WI	Bob Willie	AE3				X			\$80,000	
1998	Times Square Center Renovation	7600 W Capitol Dr Milwaukee WI 53222	Redmont Development Group	AE3				X			\$2,850,000	Site Map
1999	Walgreens	3825 Durand Ave Racine WI 53405	Walgreens	AE3			X			14,490	\$1,449,000	Site Map
1999	Walgreens	N Prospect Ave & N Maryland Ave Milwaukee WI 53211	Walgreens	AE3			X			15,680	\$0	
1999	Walgreens	6030 W Oklahoma Ave Milwaukee WI 53219	Walgreens	AE3			X			15,120	\$1,900,000	Site Map
1999	Walgreens	2410 W Forest Home Ave Milwaukee WI 53215	Walgreens	AE3			X			15,680	\$1,300,000	Site Map
1999	Walgreens	S79W18885 Janesville Rd Muskego WI 53150	Walgreens	AE3			X			15,120	\$1,512,000	Site Map
1999	Walgreens	N65 W 25055 Main St Sussex WI 53089	Walgreens	AE3			X			15,680	\$1,568,000	Site Map
1999	Walgreens	300 US Hwy 13 Wisconsin Dells WI 53965	Walgreens	AE3			X			14,490	\$1,449,000	Site Map
1999	Walgreens	E Long Lake Rd & Livernois Rd Troy MI 48098	Walgreens	AE3			X			35,848	\$2,500,000	
1999	Walgreens	National Ave & Sunny Slope Rd New Berlin WI 53151	Walgreens	AE3			X			15,120	\$1,600,000	
1999	Walgreens	9040 W Good Hope Rd Milwaukee WI 53224	Walgreens	AE3			X			15,048	\$1,504,800	Site Map
1999	Walgreens	2301 Hall Ave Marientte WI 54143	Walgreens	AE3			X			14,490	\$1,449,000	Site Map
1999	Walgreens	901 Main Ave De Pere WI 54115	Walgreens	AE3			X			15,053	\$1,505,300	Site Map
1999	Walgreens	10 Mile Rd & Ryan Rd Warren MI 48091	Walgreens	AE3			X			15,120	\$1,500,000	
1999	Walgreens	4901 Spring St Racine WI 53406	Walgreens	AE3			X			15,120	\$1,512,000	Site Map
1999	Walgreens	13700 Canal Rd Sterling Heights MI 48313	Walgreens	AE3			X			15,120	\$1,512,000	Site Map
1999	Walgreens	9 Mile & Harper St Clair Shores MI 48080	Walgreens	AE3			X			15,120	\$0	
1999	Walgreens	12 Mile Rd & Dequindre Warren MI 48092	Walgreens	AE3			X			15,035	\$0	
1999	Walgreens	Sheridan Rd & 52nd St Kenosha WI 53140	Walgreens	AE3			X			15,120	\$0	
1999	Walgreens	N 64th St & W Silver Spring Dr Milwaukee WI 53218	Walgreens	AE3			X			15,120	\$0	
1999	AT&T	310 N Dewey Eau Claire WI 54703	AT&T	AE3				X			\$0	Site Map
1999	Kohl's Food Store	Hwy 83 & Bay View Rd Mukwonago WI 53149	Kohl's	AE3				X		46,126	\$0	
1999	Kohl's Food Store	N 44th St & W Bradley Rd Brown Deer WI 53223	Kohl's	AE3				X		14,420	\$0	
1999	Bulk Petroleum Corp	9653 N Granville Rd #1 Mequon WI 53097	Bulk Petroleum Corp	AE3				X		0	\$0	
1999	Market Place of Brown Deer	9090-9100 N Green Bay Rd Brown Deer WI 53209	Market Place of Brown Deer	AE3				X		49,484	\$1,400,000	Site Map
1999	CNG Station	New Berlin WI	ANGI International LLC	AE3				X			\$100,000	
1999	Waukesha Electric Systems (Structural)	400 S Prairie Ave Waukesha WI 53186	BSI	AE3				X		1,678	\$40,000	Site Map

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
1999	Guaranty Bank Lobby Renovation	4000 W Brown Deer Rd Brown Deer WI 53209	Guaranty Bank SSB	AE3				X		582	\$100,000	Site Map
1999	Marcus HPG Laundry	1064 N 63 St Wauwatosa WI	Marcus Hotels & Resorts	AE3				X		31,489	\$600,000	
1999	Barrel Planting Inc (Foundation Repair)	Milwaukee WI	Barrel Plating Inc	AE3				X			\$20,000	
1999	Airport Atrium Building	5007 S Howell Ave Milwaukee WI 53207	Polachek Co Inc	AE3				X		2,583	\$60,000	Site Map
1999	Guaranty Bank (Branch in Kohl's Store)	Monona Dr @ Broadway Monona WI	Guaranty Bank SSB	AE3				X		635	\$20,000	
1999	Redmond Building	Waukesha WI	Redmond Construction Inc	AE3				X			\$200,000	
1999	Western Lakes Renovation (Structural)	W287 N1963 Oakton Rd Pewaukee WI 53072	Western Lakes Golf Club Inc	AE3				X			\$25,000	Site Map
1999	Pavilion Plaza (Medical Group Tenancy)	6901 W Brown Deer Dr Milwaukee WI 53223	Polachek Property Management	AE3				X			\$20,000	Site Map
1999	Guaranty Bank (First Floor Renovation)	4000 W Brown Deer Rd Brown Deer WI 53209	Redmond Construction Inc	AE3				X		6,232	\$200,000	Site Map
1999	Southgate Center (Wal-Mart Redevelopment)	3333 S 27th St Milwaukee WI 53215	JDN	AE3				X		39,389	\$6,450,000	Site Map
1999	Guaranty Savings (Drive-Thru Remote)	4200 S 76th St Greenfield WI 53220	Redmond Contruction Inc	AE3				X		1,000	\$100,000	Site Map
2000	Fakoship Headquarter (Retail, Offices, Apts)	Clarks Quarters Buea Cameroon (1 Billion CFA ~ \$1=400)	Fakoship Transport & Shipping Co.	M&E			X		X	30,000	\$2,500,000	
2000	Continental Properties	N Green Bay Ave & W Silver Spring Dr Glendale WI 53209	Continental Properties	AE3				X			\$0	
2000	Walgreens	N Green Bay Ave & W Silver Spring Dr Glendale WI 53209	Walgreens	AE3			X			14,490	\$0	
2000	Walgreens	N65 W 25055 Main St Sussex WI 53089	Walgreens	AE3			X			14,490	\$1,449,000	Site Map
2000	Walgreens	2205 N Calhoun Rd Brookfield WI 53005	Walgreens	AE3			X				\$1,100,000	Site Map
2000	House of Roth	9100 N Brown Deer Rd Brown Deer WI 53224	JDN	AE3				X		3,770	\$150,000	Site Map
2000	National Fire House Renovation	217 W National Ave Milwaukee WI 53204	James Shaefer	AE3				X		5,020	\$950,000	Site Map
2000	Pavilion Plaza	6900 W Brown Deer Dr Milwaukee WI 53223	Polachek Co Inc	AE3				X		2,370	\$30,000	Site Map
2000	Compo Office	326 E Keefe Ave Milwaukee WI 53212	Compo Steel Products	AE3				X		142,616	\$120,000	Site Map
2000	Pewaukee Office Plaza	C Hwy M & CHT J Pewaukee WI	Pewaukee Office Plaza	AE3				X			\$0	
2000	Forum Restaurant Renovation	17800 W Bluemound Rd Brookfield WI 53045	Forum Resturant	AE3				X		8,425	\$800,375	Site Map
2000	AE3 Office Renovation (Now M&E Office)	205 W Highland Ave Milwaukee WI 53203	AE3	AE3				X		1,730	\$50,000	Site Map
2000	Market Place of Brown Deer - Old Navy	9090-9100 N Green Bay Rd Brown Deer WI 53209	JDN	AE3			X			20,481	\$1,500,000	Site Map
2000	Market Place of Brown Deer - Michael's	9090-9100 N Green Bay Rd Brown Deer WI 53209	JDN	AE3			X			26,403	\$2,200,000	Site Map
2000	Market Place of Brown Deer - B&B Works	9090-9100 N Green Bay Rd Brown Deer WI 53209	JDN	AE3			X			2,600	\$330,000	Site Map
2000	Market Place of Brown Deer - Applebee's	9090-9100 N Green Bay Rd Brown Deer WI 53209	JDN	AE3			X			10,488	\$1,300,000	Site Map
2000	21st Century Holdings LLC	11331 W Rogers Ave West Allis WI 53227	Joe Bastien	AE3				X		34,701	\$10,000	Site Map
2000	Guaranty Bank 3rd Floor Offices	4000 W Brown Deer Rd Brown Deer WI 53209	Redmond Construction Ine	AE3				X			\$30,000	Site Map
2000	Georgia & Missouri National Gas Units	Georgia & Missouri Locations	ANGI International LLC	AE3				X			\$60,000	
2001	Highland Park Pies and Café	4110 W Martin Dr Milwaukee WI 53208	Maureen Bohorfoush	AE3			X	X	X	5,231	\$150,000	Site Map
2001	Hardees - Renovation for Bank	9090-9100 N Green Bay Rd Brown Deer WI 53209	JDN	AE3				X			\$350,000	Site Map
2001	Outlet #2 Retail Shops	409 N Marketplace Blvd Lansing MI 58917	JDN	AE3				X			\$0	Site Map
2001	Michael's at Delta Township	416 N Marketplace Blvd Lansing MI 48917	JDN	AE3				X		24,058	\$1,700,000	Site Map
2001	Walgreens	3701 S Howell Ave Milwaukee WI 53207	Walgreens	AE3			X			20,545	\$2,054,500	Site Map
2001	Southgate Marketplace - Building C	N Green Bay Ave & W Silver Spring Dr Glendale WI	Southgate Marketplace	AE3			X			2,570	\$300,000	Site Map
2001	Hallmark Cards - Outlet #2 Shops	409 N Marketplace Blvd Lansing MI 58917	Hallmark	AE3			X			3,193	\$120,000	Site Map
2001	National Gas Company Station	Chula Vista CA	ANGI International LLC	AE3				X			\$80,000	
2001	Western Lakes Golf Club - Handicap Ramp	W287 N1963 Oakton Rd Pewaukee WI 53072	Western Lakes Golf Club Inc	AE3				X		272	\$20,000	Site Map
2001	Lamp Post Testing Call	Chicago IL	Paramount Pattern	AE3				X			\$10,000	
2001	Steinmeyer Building - 3rd Floor Renovation	205 W Highland Ave Milwaukee WI 53203	Irgens Development Partners	AE3				X		1,087	\$60,000	Site Map
2001	Pavilion Plaza - Wells Fargo Bank	6900 W Brown Deer Dr Milwaukee WI 53223	Leisure Investments	AE3				X			\$30,000	Site Map
2002	Pavilion Plaza - Future Shop	6901 W Brown Deer Dr Milwaukee WI 53223	Leisure Investments	AE3				X			\$25,000	Site Map
2002	Subway - Outlet #2 Shops	409 N Marketplace Blvd Lansing MI 58917	Subway	AE3			X			1,420	\$1,600,000	Site Map
2002	Beer Belly's	512 W Layton Ave Milwaukee WI 53221	Beer Belly's	AE3				X		2,550	\$100,000	Site Map
2002	Market Place of Brown Deer - Phase 2	9090-9100 N Green Bay Rd Brown Deer WI 53209	Market Place of Brown Deer	AE3			X			333,472	\$700,000	Site Map
2002	Northern Landscape	N59 W14225 Kaul Ave Menomonee Falls WI 53051	Northern Landscape	AE3				X		5,042	\$250,000	Site Map
2002	Peoples Credit Union	9004 W Lincoln Ave Milwaukee WI 53227	Peoples Credit Union	AE3			X			7,819	\$150,000	Site Map
2002	Glenwood Executive Center Bldg 4 & 5	15400 W Capitol Dr Brookfield WI 53005	Arthur Patch Co. Inc	AE3				X		9,705	\$800,000	Site Map
2002	Quizno Sub	9078 N Green Bay Rd Milwaukee WI 53209	Quizno Sub	AE3			X			1,630	\$163,000	Site Map
2002	Water Street Bldg #524	524 N Water St Milwaukee WI 53202	Irgens Development Partners	AE3				X		2,210	\$209,950	Site Map

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
2002	Market Place of Delta Township Shop #1	409 N Marketplace Blvd Lansing MI 58917	Market Place of Delta Township	AE3			X				\$0	Site Map
2002	Gospel Café	1920 W North Ave Milwaukee WI 53205	Gospel Café	AE3			X			7,139	\$713,900	Site Map
2002	Vucciras	1323 E Brady St Milwaukee WI 53202	Sputino's	AE3			X	X		8,358	\$1,500,000	Site Map
2002	K.S. Seliga Inc	6220 S 108 St Hales Corners WI 53130	Douglas A. Gallus	AE3				X		8,018	\$761,710	Site Map
2002	Commercial Building - Interior Renovations	W140 N10589 Hwy 145 Germantown WI	Alvin Stroyny	AE3				X		7,571	\$100,000	Site Map
2002	Linwood Building - ADA Renovation	9004 W Lincoln Ave West Allis WI	Dave Cornwell	AE3				X		18,390	\$250,000	Site Map
2002	Linwood Building - Dr Weiderhold Office	9004 W Lincoln Ave West Allis WI	Dave Cornwell	AE3				X		1,419	\$30,000	Site Map
2002	Linwood Building - Aurora Office Ren.	9004 W Lincoln Ave West Allis WI	Dave Cornwell	AE3				X		6,098	\$200,000	Site Map
2003	Continental 83 Fund	Glendale WI	Continental Properties	AE3				X			\$3,750,000	
2003	Grade A Construction	157 Enterprise Rd Delafield WI 53018	Grade A Construction	AE3				X			\$0	Site Map
2003	Glenwood Executive Center	W Capotol Dr & Pilgram Rd Brookfield WI 53005	Douglas A. Gallus	M&E			X			2,494	\$249,400	Site Map
2003	Monalisa Hotel & Retail	801 N 27th Street Milwaukee WI 53208	M&R Properties Investment, LLC	M&E				X	X	62,133	\$3,000,000	Site Map
2003	Diamond Plaza Retail Center - Phase 1	10009 Northwestern Ave, Franksville WI 53126	Diamond Plaza (TWP)	M&E			X			12,208	\$1,220,800	Site Map
2003	Brookfield Health Club	Brookfield WI	Ed Winship	AE3			X				\$4,000,000	
2004	Gordon Building (Retail + Apatments)	5920-30 W North Ave Milwaukee WI 53208	Stan Gordon	M&E				X	X	13,959	\$1,500,000	
2004	Steinmeyer Building Tenant Improvements	205 W Highland Ave Milwaukee WI 53203	Irgens (EnArCon)	M&E				X	X	2,232	\$90,000	Site Map
2004	SAB Miller Brewing Company	3939 W Highland Blvd PO Box 482 Milwaukee WI 53208	Miller Brewing Company (TWP)	M&E				X			\$0	Site Map
2004	Harley Davidson (North Entrance)	11700 W Capitol Dr Wauwatosa WI 53225	Harley Davidson (TWP)	M&E				X		300	\$28,500	Site Map
2004	The Falk Corporation (Envelope Restoration)	3001 W Canal St Milwaukee WI 53208-4200	The Falk Corporation (TWP)	M&E				X		116,250	\$150,000	Site Map
2004	Milwaukee State Office Building (Lobby Ren)	819 N 6th St Milwaukee WI 53203	State of WI-DOA/DFD (TWP)	M&E				X		2,800	\$750,000	Site Map
2004	Bobolink Storage Center	Bobolink Ave Menomonee Falls WI	Bobolink Storage (TWP)	M&E			X			83,920	\$2,000,000	Site Map
2004	The Ambassador Hotel Renov (Bldg + Site)	2308 W Wisconsin Ave Milwaukee WI 53233	The Ambassador Hotel (TWP)	M&E				X		2,180	\$1,200,000	Site Map
2004	Lifetime Credit Union	9515 W National Ave Milwaukee WI 53227	Lifetime Credit Union (TWP)	M&E			X		X	17,250	\$3,500,000	Site Map
2004	Country Market USA & Super Liquor	4335-4339 W Bradley Road Brown Deer WI 53223	TWP	M&E			X				\$0	Site Map
2004	La Perla Restaurant (Addition & Renovation)	730 S 5th St Milwaukee WI 53201	Nick Anton	M&E			X	X		9,956	\$945,820	Site Map
2004	Spice Lounge Tavern (Façade Renovation)	2710 N Martin Luther King Jr Dr Milwaukee WI 53212	L.C. Martin	M&E				X		1,300	\$35,000	Site Map
2004	Mecca Night Club	3801 W Hampton Ave Milwaukee WI 53209	Kindall & Desha Kelly	M&E				X		2,256	\$45,000	Site Map
2005	Bronzeville's Red Hot Cafe	540 W North Ave Milwaukee WI 53212	KelJen Enterprise	M&E				X		2,500	\$0	Site Map
2005	854 W Windlake Ave	854 W Windlake Ave Milwaukee WI 53218	Nick Anton	M&E				X		682	\$30,000	Site Map
2005	Door County Maintenance Facility	Sturgeon Bay, WI	Door County Highway Department (BDC)	M&E			X	X		90,000	\$6,000,000	Site Map
2006	Limo Storage	1022 W Maple St Milwaukee WI 53207	Nick Anton	M&E				X		2,850	\$15,000	Site Map
2006	"Pump House" Club	2011 S 1st Milwaukee WI 53207	Ms. Jodie Kornffehl	M&E				X		7,314	\$0	Site Map
2006	Ellsworth Building	8800 W Dean Rd Milwaukee WI 53224	Bob Ellsworth	M&E				X		20,860	\$2,294,600	Site Map
2007	Paradise Club	811-13 S 1st St Milwaukee WI 53203	Nick Anton	M&E				X		9,770	\$928,150	Site Map
2007	Midtown Shopping Center (Bldgs F&G)	5750 W Capitol Dr Milwaukee WI 53216	Inland Western Milw Midtown (eua)	M&E		X	X			24,702	\$12,123,300	Site Map
2007	Albuquerque Veloport BMX Pavilion	1011 Buena Vista Drive SE Albuquerque NM 87106	City of Albuquerque	KCA			X			90,000	\$4,300,000	Site Map
2008	Mattie L Grey Children of Diversity	3002 W Silver Spring Dr, Milwaukee WI 53209	EnArCon	M&E				X		10,555	\$1,002,725	Site Map
2008	3420 W Capitol Dr	3420 W Capitol Dr Milwaukee WI 53216	EnArCon	M&E				X		95,755	\$909,672	Site Map
2009	The Brewery Parking Structure	1213 N 9th St Milwaukee WI 53205	Brewery Project LLC (eua)	M&E	Gold	X	X			282,056	\$28,000,000	Site Map
2009	Crisp Pizza Bar & Lounge	1323 E Brady St Milwaukee WI 53202	Crisp, LLC	M&E				X		6,841	\$675,000	Site Map
2010	TCI (Addition + Renovation - 5 Buildings)	751 County Rd K Fond du Lac WI 54937	State of WI-DSF (John Rakocy)-VA	M&E		X	X	X		150,175	\$5,500,000	Site Map
2010	Joy Junction - Master Plan	4500 2nd Street SW Albuquerque NM 87105	Joy Junction	KCA		X	X	X	X	40,000	\$25,000,000	Site Map
2010	Historic Amador Hotel - Reuse Study	180 W Amador Ave Las Cruces NM 88001	City of Las Cruces	KCA		X	X	X	X	30,000	\$4,000,000	Site Map
2012	O'Donnell Park Parking Structure	910 E Michigan St Milwaukee WI 53202	Milwaukee County (Carl Walker)	M&E		X		X		730,834	\$2,500,000	Site Map
2013	Hansen Storage Renovation	538 East Erie Street Milwaukee WI 53202	Hansen Storage Company (Steve S.)	M&E		X		X		18,306	\$100,000	Site Map
2014	DNR-Havenwoods State Forest	6141 N Hopkins St Milwaukee WI 53209	State of WI-DOA/DSF (Rick Hartig)	M&E			X	X		1,400	\$250,000	Site Map
2014	ECB 4 AHU Upgrade	3319 W Beltline Frontage Road Madison WI 53713	State of WI-DOA/DFD (Jeff Uhrig)-PSJ	M&E			X	X		53,750	\$273,700	Site Map
2015	Dept of Military-JFHQ Operations Center	2400 Wright Street Madison WI 53708	State of WI-DOA/DSF (Bill Napier)-VA	M&E		X	X	X		21,160	\$6,783,000	Site Map
2015	Sojourner Family Peace Center (SFPC)	619 W Walnut Street Milwaukee WI 53212	SFPC, State of WI & CHW	M&E		X	X		X	74,000	\$22,000,000	Site Map
2015	GMIA Parking Structure Stairwell Repairs	5300 South Howell Ave Milwaukee WI 53207	Milwaukee Co AE&ES (Julie Bastin)	M&E			X			22,416	\$650,000	Site Map
2015	Currie Park Clubhouse Beam Repair	3535 North Mayfair Road Milwaukee WI 53222	Milwaukee Co AE&ES (Julie Bastin)	M&E				X		5,500	\$30,000	Site Map

YEAR	PROJECT NAME	ADDRESS	CLIENT	FIRM	LEED	BIM	NEW	REN	MIXED	SIZE (SF)	COST	
2015	Better Living Family Services	6623-25 West Mill Road Milwaukee WI 53218	A Better Living Family Services, LLC	M&E		X		X	X	9,519	\$250,000	Site Map
2016	Wulf Hair Renovation	7620 W Center St Milwaukee WI 53222	Wulf Hair, LLC	M&E		X		X		5,000	\$120,000	Site Map
2016	JJ Fish & Chicken Renovation	405 W Center St Milwaukee WI 53212	JJ Fish & Chicken, LLC	M&E		X		X		1,219	\$150,000	Site Map
2017	GMIA Skywalk & Stair Tower Glazing Repairs	5300 South Howell Ave Milwaukee WI 53207	Milwaukee Co AE&ES (EA-Sean Hayes)	M&E		X		X		50,000	\$5,500,000	Site Map
2017	Humboldt Park Pavilion Roof Replacement	748 E Oklahoma Ave Milwaukee WI 53207	Milwaukee Co AE&ES (Amir Adam)	M&E		X		X		11,156	\$257,000	Site Map
2017	Brown Deer Clubhouse Roof Replacement	7835 N Green Bay Road Milwaukee WI 53209	Milwaukee Co AE&ES (Amir Adam)	M&E		X		X		6,227	\$278,000	Site Map
2017	CCI - Health Services Unit	2925 Columbia Drive Portage WI 53901	State of WI-DFD (Erik Sande)-VA	M&E		X	X	X		14,135	\$4,773,500	Site Map
2017	CCI - Seg Unit Expansion	2925 Columbia Drive Portage WI 53901	State of WI-DFD (Erik Sande)-VA	M&E		X	X	X		13,150	\$4,610,000	Site Map
2018	MILWAUKEE BUCK'S ARENA (aka FISERV FORUM)	1001 N 4th St Milwaukee WI 53202	Milwaukee Bucks (M&E:Esc,Elev,Stairs-\$7M)	M&E	Gold	X	X			704,069	\$7,500,000	Site Map
2018	Greenfield Park Pavilion Wall Repair	2028 South 124th Milwaukee WI 53227	Milwaukee Co AE&ES (Karl Stave)	M&E		X		X		2,500	\$39,388	Site Map
2019	Whitnal Park Boerner Botanical Garden Comfort Station Reno	5879 South 92nd Street Hales Corner WI 53132	Milwaukee Co AE&ES (Amir Adam)	M&E		X		X		718	\$260,000	Site Map
2019	Wahl Park Pavilion Renovation	4750 North 48th Street Milwaukee WI 53218	Milwaukee Co AE&ES (Phillip Schmidt)	M&E		X		X		870	\$178,392	Site Map
2019	South Shore Marina Boat Launch Restroom Rehab	2900 South Shore Drive Milwaukee WI 53207	Milwaukee Co AE&ES (Amir Adam)	M&E		X		X		237	\$118,760	Site Map
2020	MILWAUKEE PUBLIC MUSEUM 4TH FLR ROOF REPL	800 West Wells Street Milwaukee WI 53233	Milwaukee Co AE&ES (Amir Adam)	M&E		X		X		18,000	\$610,000	Site Map
2021	KOMATSU HQ-SOUTH HABOR CAMPUS (Parking25M+Skybridge2.5M+Manuf185M)	401 East Greenfield Ave Milwaukee WI 53204	Komatsu (eua-Tom Stacey)	M&E		X	X		X	634,789	\$212,500,000	Site Map
2022	MARCUS PERFORMANCE ART CENTE ROOF/MASONRY RESTORATION	929 North Water Street Milwaukee WI 53202	Milwaukee Co AE&ES (Amir Adam)	M&E		X		X		65,000	\$2,500,000	Site Map
2022	Sheriff Dept Training Academy Roof Replacement	9225 South 68th Street Franklin WI WI 53132	Milwaukee Co AE&ES (Amir Adam)	M&E		X		X		21,800	\$700,000	Site Map
2022	Clinton Rose Senior Center Exterior Envelope Assessment	3045 N Dr Martin Luther King Jr Drive WI 53212	Milwaukee Co AE&ES (Amir Adam)	M&E		X		X		43,000	\$250,000	Site Map
Total											\$591,628,983	

WARNER AMEX CABLE COMMUNICATIONS

Renovation, restoration and adaptive reuse of mixed-use commercial building, Milwaukee, Wisconsin USA

Size: 122,932 sf | TV Studios | Offices | Retail | Event Hall | Restaurant |
Cost: \$5.6 million
Completion: 1995
Client: Warner Amex Communications, Inc. (t3 Group)

This joint-venture satellite entertainment company owned by Warner Communications and American Express was looking for a home in the City of Milwaukee. They found it at the old Scklitz Park. The cream city brick brewery building provided the perfect blend between the old and the new. The project required the restoration of the envelope and renovation of the interior.

Isaac Menyoli, having graduated from West Virginia Tech with a drafting and design engineering technology degree had sent 50 animations with resumes to architecture firms in Milwaukee. In May of 1995, Isaac moved to Milwaukee and was hired by T3 Group to help with its transition from hand drafting to computer-aided drafting (CAD). This project was first of many projects Isaac worked on with the training architect. Isaac's role included field measurement and verifications of as-built conditions, drafting of floor plans, interior and exterior elevations and 3D modeling and rendering for the Historic Planning Commission of Milwaukee presentation.





Original renderings from 1995

FAKOSHIP HEADQUARTER

New mixed-use building, Buea, Cameroon

Size: 2,720 sq meters ~ 30,000 sf | Retail Shops | Offices | Conference Halls | 16 Apartments

Cost: 1 billion CFA Francs ~ \$ 2.5 million

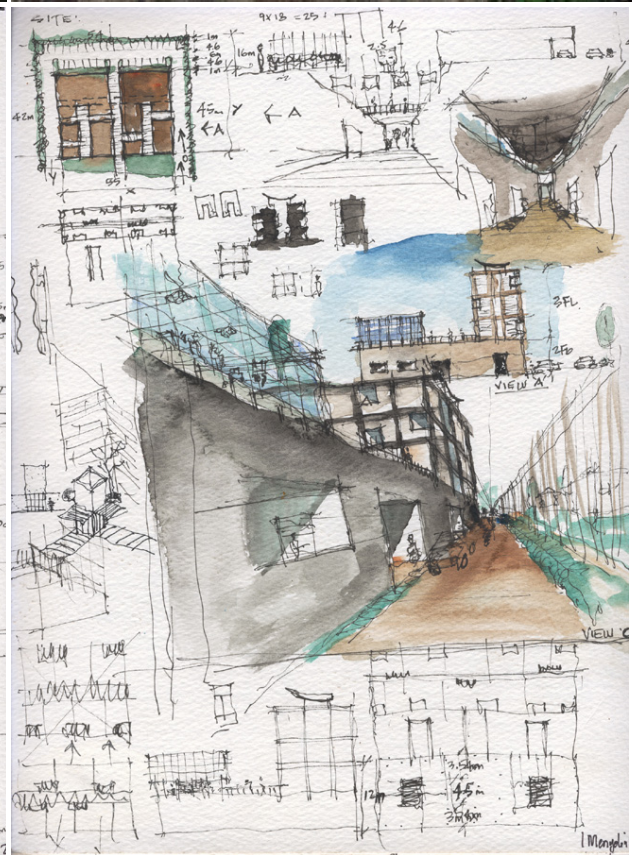
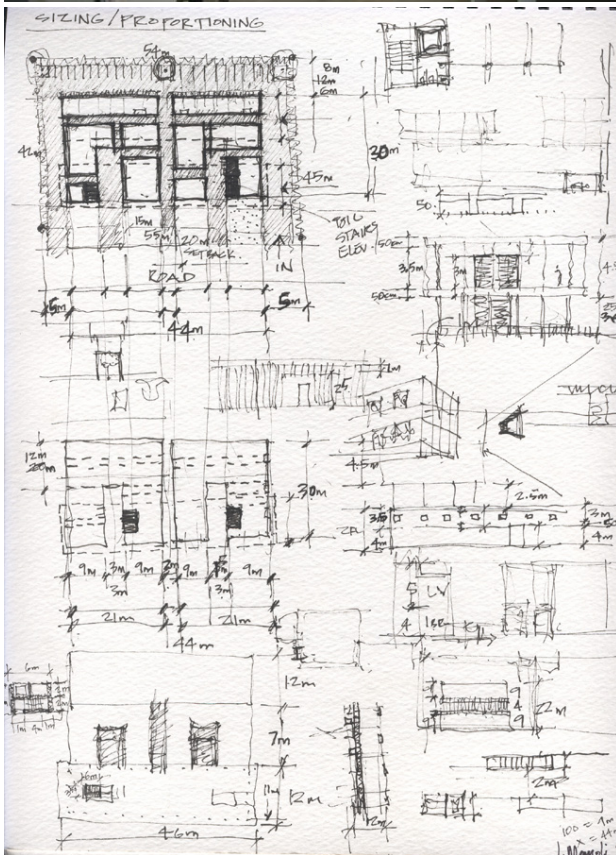
Completion: 2002

Client: Fako Transport and Shipping Company Limited

Established in 1978, Fako Transport and Shipping Company (Fakoship) is the largest privately-owned maritime company in Cameroon operating over 100 shipping liners in association with Nile Dutch Shipping worldwide. As Fakoship expanded, it diversified into Offshore oil terminal operations, Banking, Real Estate, Retail, Gas Stations and Maritime Passenger Transportation. With this diversification came the need for a single building to house their appetite for a growing portfolio.

As a result, in 1999, M&E ARCHITECTS ENGINEERS was commissioned to plan and design the new Fakoship headquarter which resulted in a building that has physically transformed and enhanced the company's operations. The building is a living machine and it operates in a programmatic juxtaposition of retail shops below, offices above and apartments to the rear with a courtyard cocooned within the belly of the building. Set on the foot of Mount Cameroon, the building sits on the edge of the major business thoroughfare.



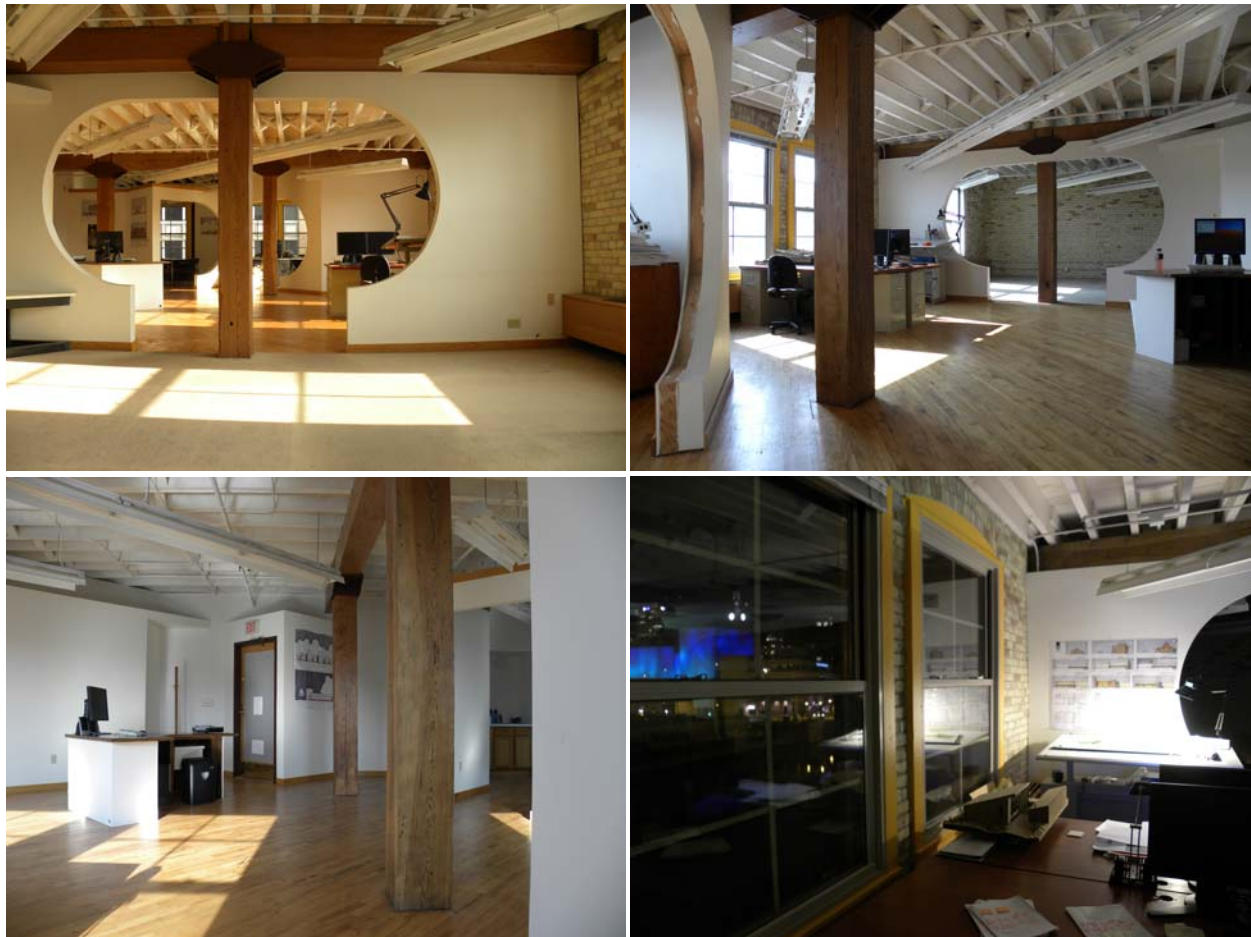


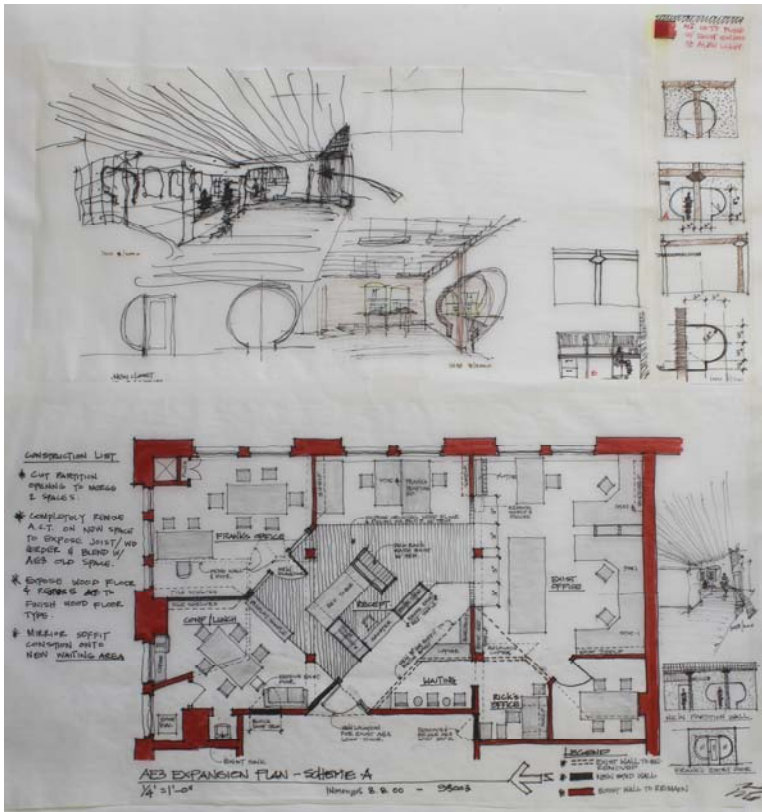
AE-3 OFFICE ADDITION & RENOVATION (now M&E ARCHITECTS' office)

Interior addition, renovation and restoration of commercial building, Milwaukee, Wisconsin, USA

Size: 628 sf Renovation + 1,055 sf Addition of | Design Studio | Conference Room | Server/Storage Room |
Cost: \$50,000
Completion: 2000
Client: Irgens

Isaac Menyoli, was project designer, manager and performed various construction tasks for this expansion of AE-3's office where he received his professional tenure from 1996 to 2003. The expansion of AE-3's operation had squeezed the staff spacing needs to its brink. The adjacent space occupied by an engineering firm was covered with carpet, ACT and drywall. The design solution called for the exposure and finishing of the historic wood floors/columns and sandblasting of the cream city brick walls. The design concept is a series of spaces held together by arches while allowing eastern sunlight to filter into the design studio. The success of this interior design landed us a permanent design contract for the tenant improvements of this historic Steinmeyer Building in downtown Milwaukee.





Design

Existing above, construction below

HIGHLAND PARK PIES & CAFE

New and addition to commercial building, Milwaukee, Wisconsin

Size: 5,231 sf | Restaurant | Tavern | Bed & Breakfast |

Cost: \$150,000

Completion: 2001

Client: Maureen Bohorfoush

This Mayor's Design Award project was a success story for both the first time owner of a bed and breakfast and that of a small design firm working closely with different offices at the City of Milwaukee. The project involved renovation and addition to this existing home and converting it into a memorable place. The requirement to satisfy the planning department at the City of Milwaukee was daunting to the owner, but her relentless pursuit guaranteed our commitment in delivering the project within her expectation. The existing residence designed by E. B. La Croix & W. G. Memmler Architects in 1927 for Mr. E J. Noll was an elegant L-shaped plan with living spaces on the first floor and sleeping spaces on the second floor. Our design weaved into this plan with a restaurant, deli, café and outdoor sitting area. The second floor was remodeled to accommodate sleeping spaces for the guests while leaving most of the original details.

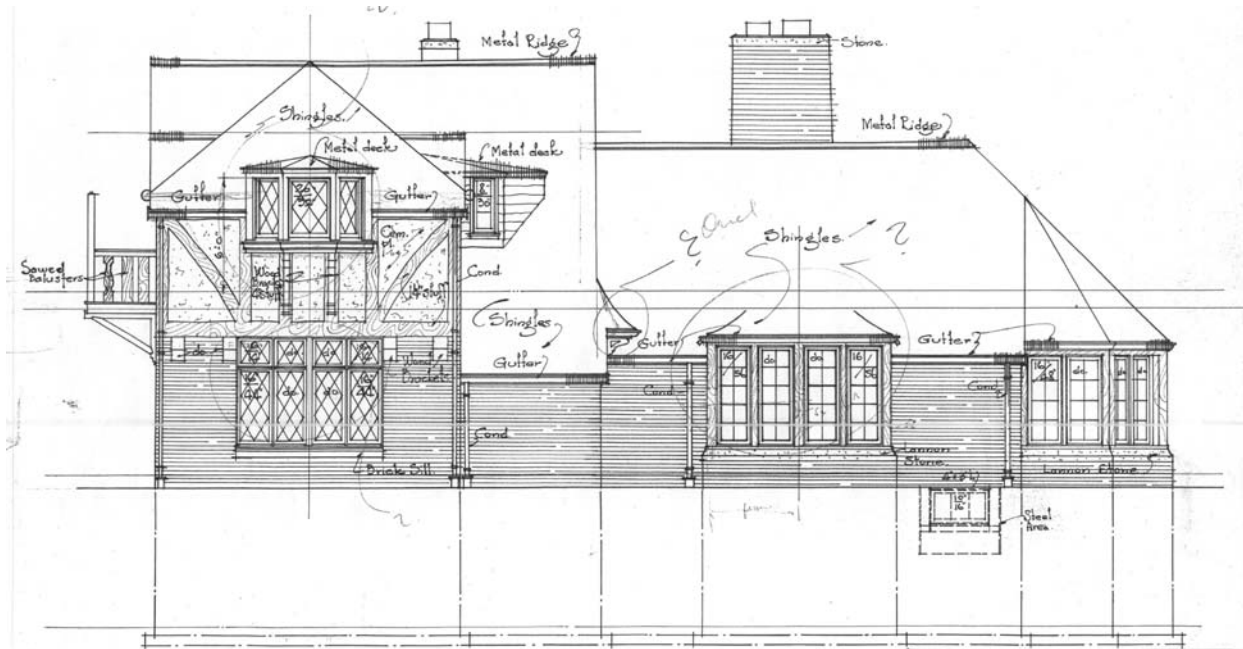
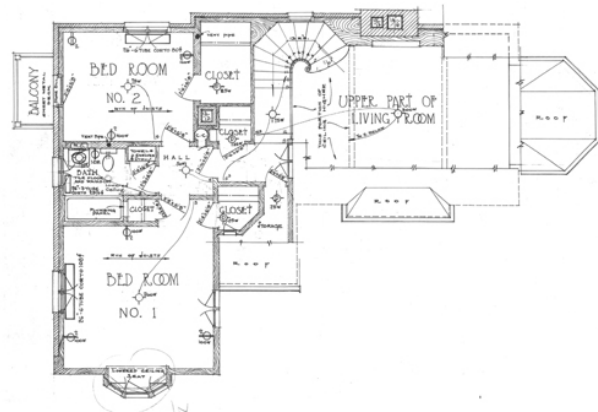
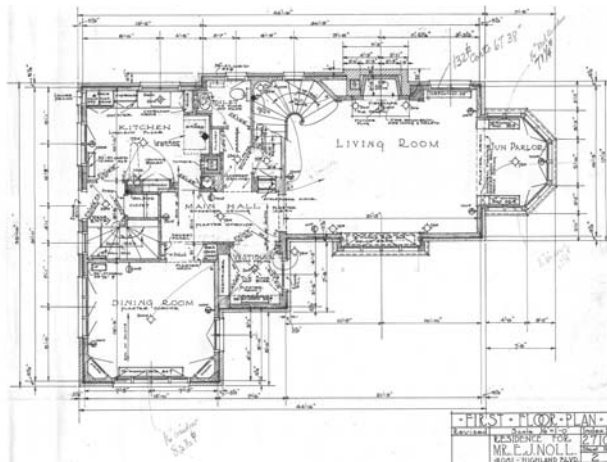


Highland Park Pies & Cafe 4101 West Highland Boulevard

This certificate is presented in an ongoing effort to recognize design excellence throughout Milwaukee. Recipients have added value to their neighborhood by restoring, constructing or enhancing their properties in a way that respects the urban fabric and contributes to the character of their surroundings.

This building renovation creates an elegant and unique neighborhood destination. New windows, awnings, charming signs and outdoor seating create a warm and welcoming atmosphere.





Original Architect's drawings

VUCCIRIAS

New and addition to commercial building, Milwaukee, Wisconsin

Size: 8,358 sf | Restaurant | Tavern | Night club |

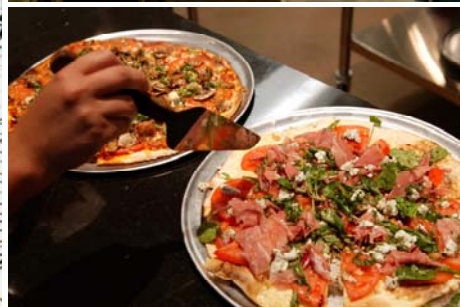
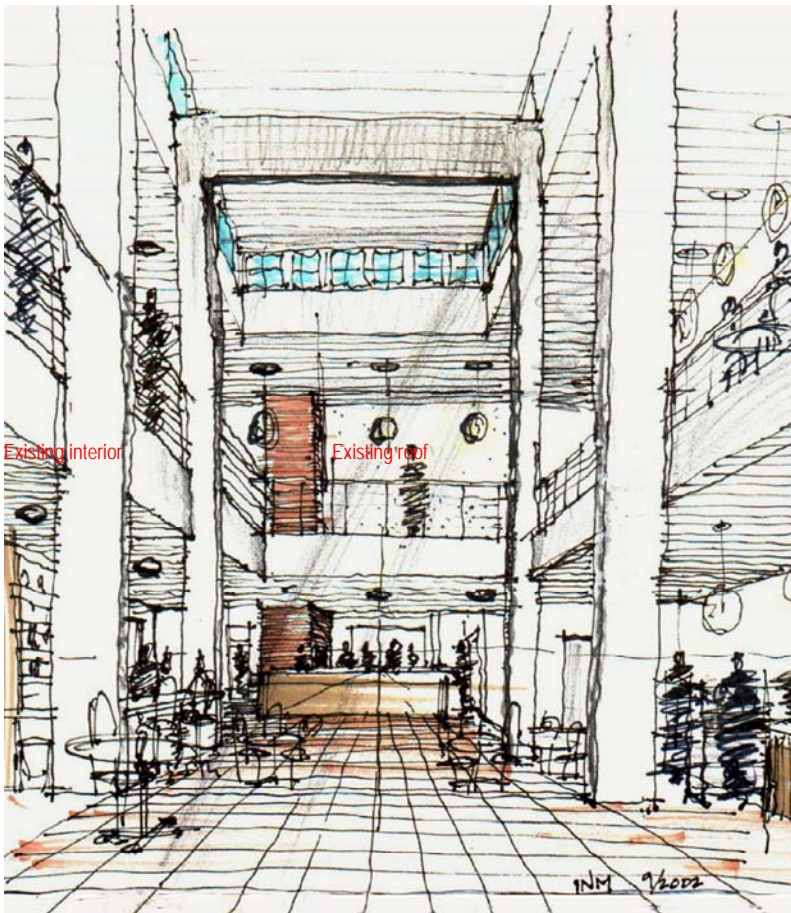
Cost: \$1.5 million

Completion: 2002

Client: La Perla & Mimas Restaurants

The owners of the famous La Perla and Mimas restaurants combined their resources to create this project. The building located on the historic Brady Street of Milwaukee meant working with the City of Milwaukee Historic Preservation Commission from the onset of the project's planning phase. The idea of the building on this tight L-shaped site was to mimic the market in the Palermo's Castellammare quarters for serving fine dining and lounge atmosphere. The idea of the design was conceived in the work of Andrea Palladio's 1592 Villa Rotunda in Vicenza, Italy. The plan drew clues from the Rotanda, but allowed it to bend through the site and expand to a second level mezzanine. The lighting provided a strong sense of play with colors. The proposed site had a basement so we carefully inserted the new plan to accommodate this basement. Our design of several restaurants gave us the ability to navigate the owners throughout the process and the result of this project was that of commitment between all parties involved.





GORDON BUILDING

Mixed-use renovation and restoration building, Milwaukee, Wisconsin USA

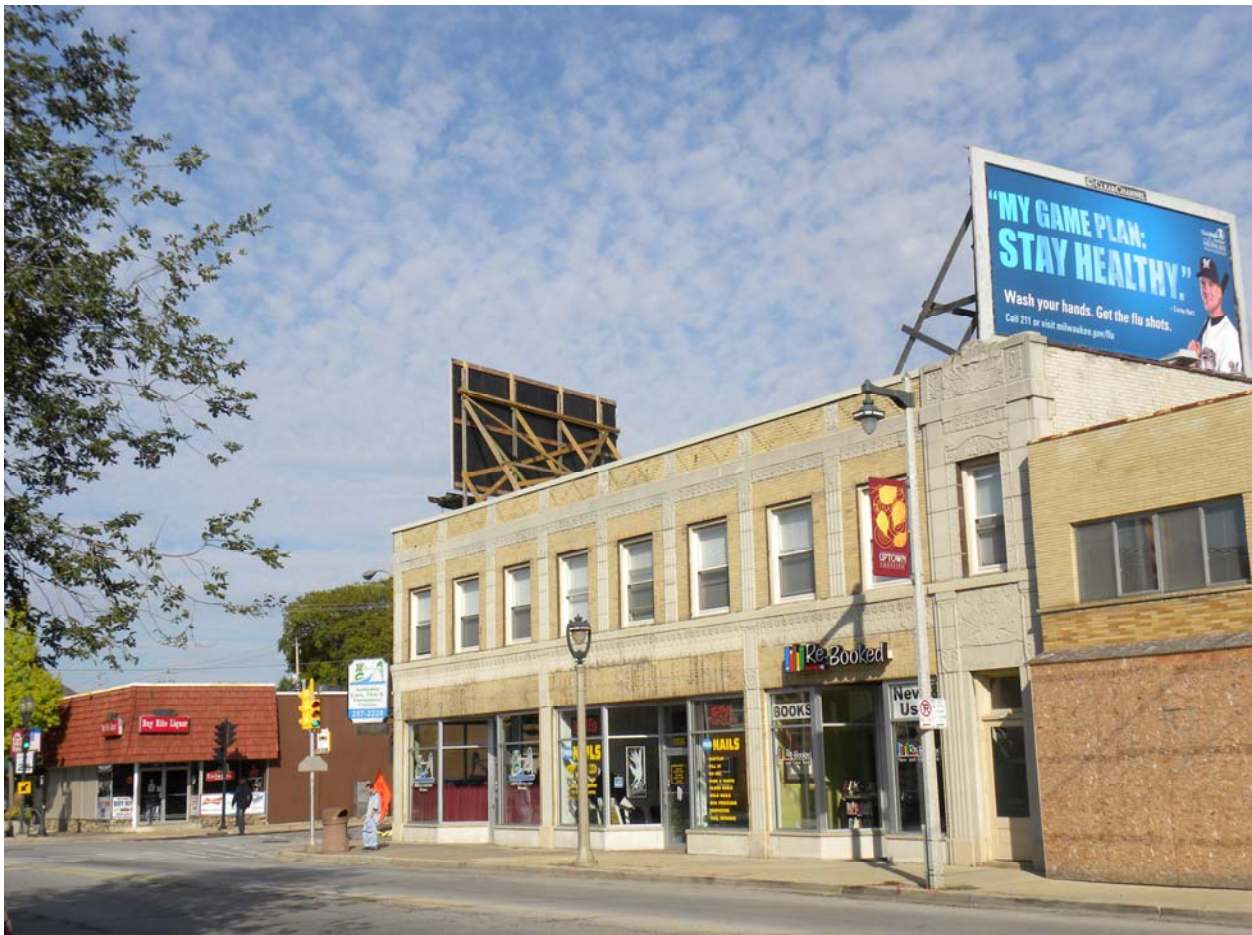
Size: 11,806 sf | 4 Apartments | Retail Spaces | Restaurant

Cost: \$1.5 Million

Completion: 2004

Client: Stan Gordon

The owner had operated a Jamaican restaurant and bar on the first floor and rented the second floor apartment units for several years until he was able to generate revenue enough to propel the project to restore and renovate the entire building. M&E ARCHITECTS led the design from Pre-design to Construction Administration. M&E ARCHITECTS worked with the City of Milwaukee's restoration and preservation team and guideline procedures which secured a façade grant award to the owner. The design called for the careful removal of the stone infill walls that were not part of the original building on the first floor; demolished all interior walls and fixtures of all floors; provided structural analysis and design solutions to strengthening the long span beams, and inserted new retail spaces on the first floor with floor to ceiling window and 4 apartment units on the second floor. By preserving and restoring the building to its original character, we successfully retained the embodied energy of the building and gave new life to it on this busy intersection.





Existing Building

Construction

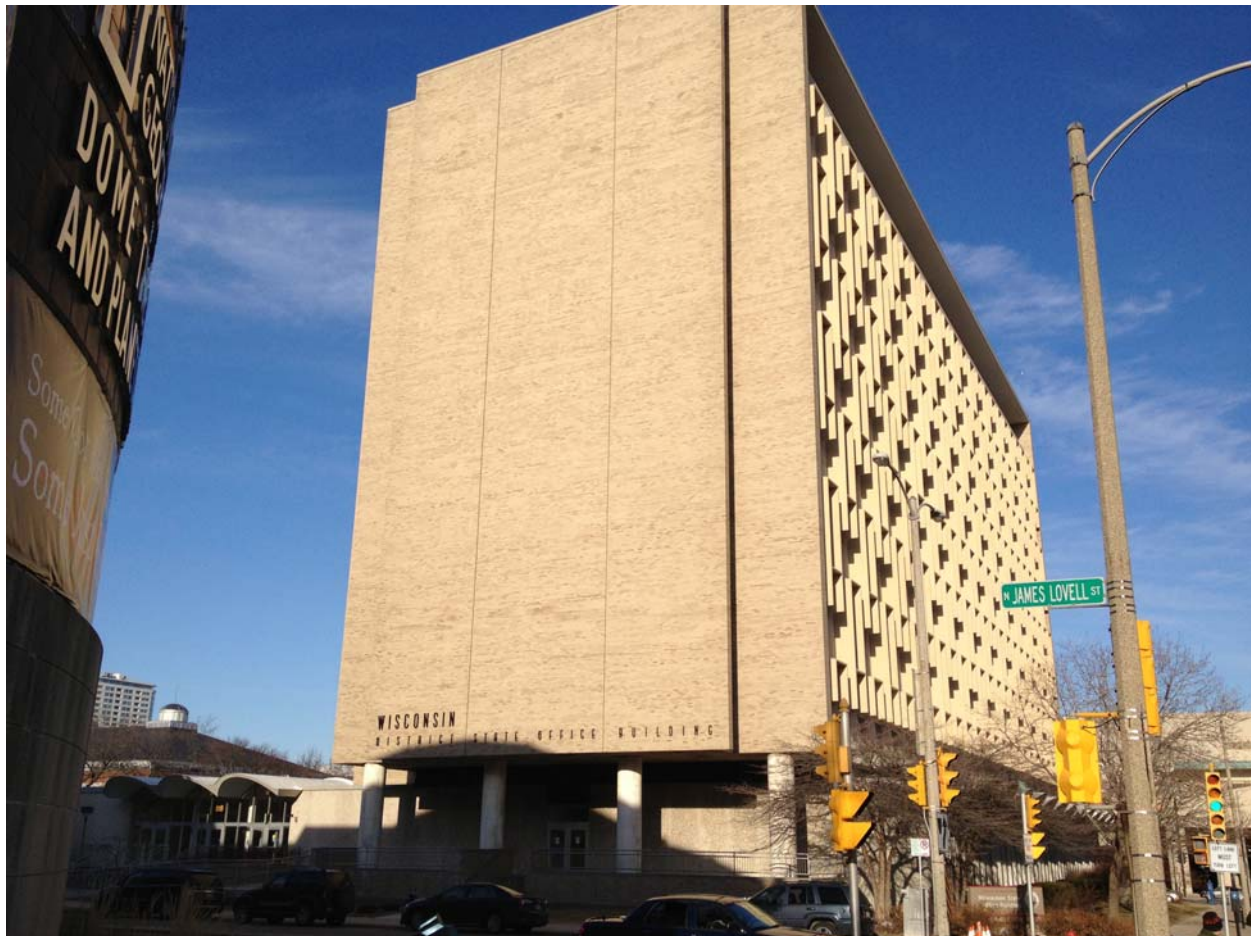
MILWAUKEE STATE OFFICE BUILDING LOBBY RENOVATION

Renovation of commercial building, Milwaukee, Wisconsin USA

Size: 2,800 sf | Office lobby & storefront renovation |
Cost: \$750,000
Completion: 2004
Client: State of Wisconsin – DOA/DFD (TWP)

This was M&E ARCHITECTS first project for the State of Wisconsin as a consulting firm with TWP. The project required the removal and replacement of new curtain wall systems with new doors and hardware.

Isaac Menyoli was consultant architect and his role included code compliant assessments, design and construction documentations of the design solution.





SPICE LOUNGE TAVERN

Addition, renovation and restoration of existing building, Milwaukee, Wisconsin USA

Size: 1,300 sf | Bar | Storefront |

Cost: \$35,000

Completion: 2004

Client: L. C. Martin

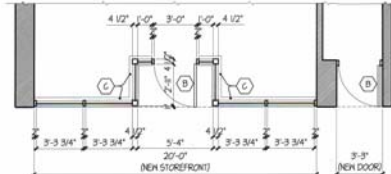
There are no projects that we undertake in our office that is less important. Our commitment to working with owners especially building owners along the MLK drive is evidence on the façade restoration and renovation of this bar. The client had a very small budget, so we guided him through design options that were practical and affordable. Our role as architect and structural engineer allowed us the ability to respond to every aspect of the building process especially during constructions when we provided onsite design decisions to expedite the construction. We also provided renderings to the Milwaukee Preservation Commission which awarded façade grant and reduced his out-of-pocket construction expense.





1 WEST ELEVATION - SCHEME A

SCALE: 1/4" = 1'-0"



2 PARTIAL PLAN - SCHEME A

SCALE: 1/4" = 1'-0"

MATERIAL KEY

- (A) NEW PRE-FIN. ALUMINUM STOREFRONT (KAWNEER 451T) 1/4" 1" CLEAR INSUL. GLASS.
- (B) NEW PRE-FIN. ALUMINUM DOOR (KAWNEER 500 WIDE STILE) 1/4" 1" CLEAR INSUL. GLASS.
- (C) NEW CAST STONE SILL (BUFFED FINISH). (D) NEW CAST STONE CHU (BUFFED FINISH).



Existing & construction

Door County Maintenance Facility

Sturgeon Bay, Wisconsin

Size: 90,000 sq ft | 41-truck service shop | Equipment Storage | Bulk Fluid Storage | 45 staff |

Cost: \$6 million

Completion: 2005

Client: Door County Highway Dept

Isaac Menyoli was architectural consultant for this project for BARRIENTOS DESIGN AND CONSULTANT. The project required complete architecture and structural design for the Door County Fleet Maintenance Facility that was design to house 41 trucks, field equipment storage, bulk fluids and house lockers and lunchroom for 45 staff. The project's site design included salt shed, fueling station and canopy outdoor stock storage, equipment storage buildings and truck scales similar to your project. Isaac's role was to work directly with the project architect in providing complete construction documents coordination and drafting. My experience on this project will help with your project in the capacity of as an A/E team leader.



Photos of completed Facility

ALBUQUERQUE VELOPORT BMX PAVILION

New recreational building, Albuquerque, New Mexico, USA

Size: 90,000 sf | Covered BMX Pavilion |

Cost: \$4.3 million

Completion: 2007

Client: City of Albuquerque

Phase I of the Albuquerque Veloport, the BMX Pavilion, was completed in early 2007. In addition to serving as the home of Duke City BMX, it provides a state-of-the-art venue for state, regional and national televised competition. Covering nearly two acres, 230 feet clear-span pre-engineered building contains a depressed dirt track flanked by concourses and grandstand seating. The facility is only the second covered track in the country and is the largest. The design features a dramatic entry from the street by way of a radial stair, and a ramp that provides wheelchair access to the upper level plaza. G. Donald Dudley was associate architect.

Sam Edwards was project architect on this project with KCA and performed design services from schematic design through construction administration. Sam gained experience in designing rigid steel framed structure on this project.





THE BREWERY PARKING STRUCTURE

New parking and retail building, Milwaukee, Wisconsin, USA

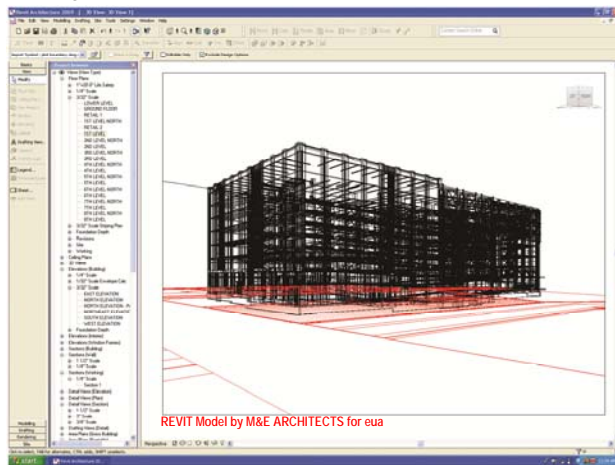
Size: 282,100 sq ft | 850 Car garage | 100 Bike stall | Retail spaces |

Cost: \$28 million

Completion: 2009

Client: Brewery Project LLC (eua)

Isaac Menyoli was project architect on this BIM project for eua. This project involved the design of a new parking structure and retail spaces on the first floor as part of a long term LEED ND. Isaac's role involved generating a Revit model from start to finish and coordinating the work of all consultants with the BIM model and managing eua's BIM team. Isaac also performed material research, code compliant assessment, exterior envelope Revit modeling and detailing, elevator selection and design. This building is LEED Gold.



CRISP Pizza bar and Lounge

Addition, alteration and renovation of existing building, Milwaukee, Wisconsin

Size: 6,841 sq ft | New roof deck & stair addition | Interior alteration | HVAC, Electrical & Audiovisual upgrade |

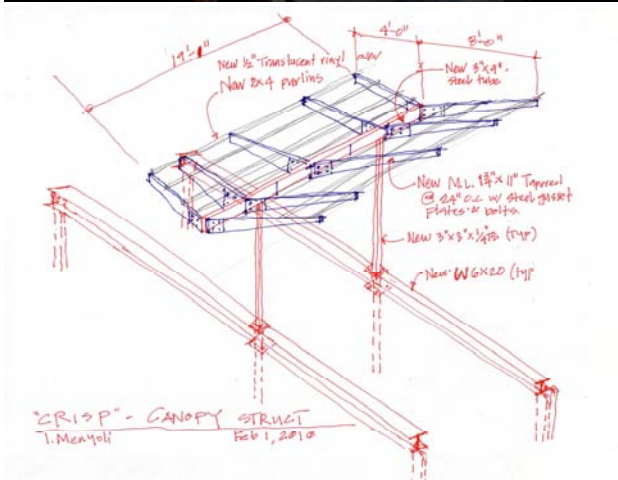
Cost: \$675,000

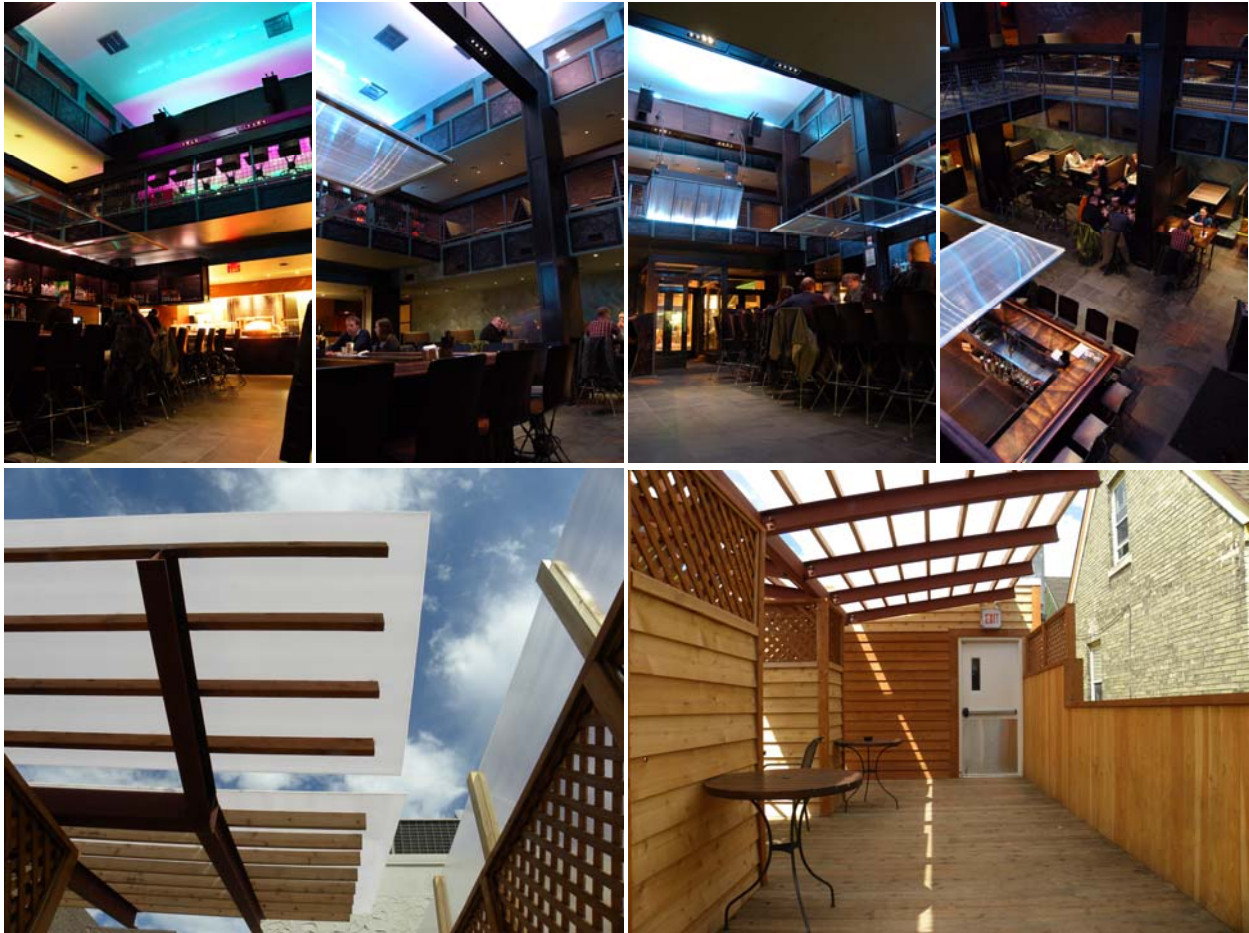
Completion: 2009

Client: CRISP, LLC

The transition from a restaurant atmosphere by day to a nightclub by dusk is completely intoxicating. The original building was designed in 2002 and was once Vucciria and later CoCo Bella, but had closed for almost two years until Ian Pesch, Rob Settecase and Chris Grant approached M&E ARCHITECTS to return to the building's blueprint to repurpose the building to accommodate the *2009 Wisconsin Act 12* banning indoor smoking and to create a restaurant/lounge atmosphere.

The program called for an expanded bar, mezzanine floor increase, a new DJ booth with cutting-edge audio technology, a new exterior roof deck and egress stair to accommodate the mezzanine increase. This mezzanine increase also required alteration of the HVAC, electrical and voice/alarm annunciation systems. The benefit of returning to the architect of design for the original building paid off as it allowed the new exterior roof deck with steel canopy framing to be inserted into the existing structural exoskeleton. The interior received a complete facelift with new wall, floor and ceiling finishes with updated custom furnishings by *Flux Design*. M&E ARCHITECTS also returned to the City of Milwaukee Historic Preservation Commission for exterior design appropriation.





Existing interior



Existing roof



Construction

JOY JUNCTION MASTER PLAN

Addition & renovation of mixed use campus, Albuquerque, New Mexico, USA

Size: 40,000 sf | Chapel | Dormitory | Vocational training center | Women's center | Outdoor spaces |

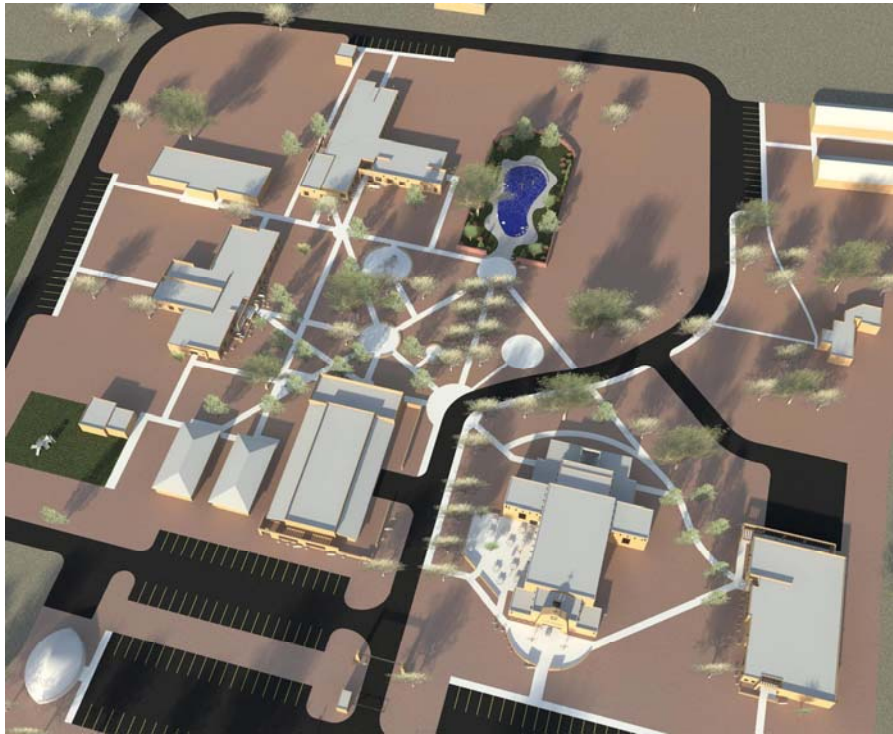
Cost: \$25 million

Completion: 2010 (planning phase)

Client: Joy Junction

Joy Junction is a 501(c)3 faith-based church ministry founded in 1986 that provides both emergency and short-term food, housing, and counseling for homeless women and families. Joy Junction is the largest shelter for families in the state, with the capacity to serve over 200,000 meals each year to men, women, and children. Joy Junction services address the guests' physical needs, as well as their emotional and spiritual needs. With food, shelter, and safety, Joy Junction makes every effort to help homeless individuals get back on their feet. The master plan is phased with 4 components namely Community Chapel, Joy Junction Dormitory, Vocational Training Center & Women's Center.

Sam Edwards was project architect and designer on this project for KCA and performed programming, feasibility studies for the adaptive reuse and BIM modeling/rendering which provided multiple design options which he presented to the owner-team.



HISTORIC AMADOR HOTEL REUSE STUDY

Renovation of commercial building, Las Cruces, New Mexico, USA

Size: 30,000 sf | Community center | Exhibition | Offices | Restaurant | Bar |

Cost: \$4 million

Completion: 2010

Client: City of Las Cruces

After over 100 years of service Las Cruces' Amador Hotel was converted into a bank in 1969, and later acquired by Dona Ana County. After the county moved to new offices in 2006, local citizens persuaded the county to donate the building to the City of Las Cruces for use as a general history museum. Our team, which included a museum planning consultant and an exhibit consultant, performed a detailed evaluation of both the historic adobe structure and the recent bank additions to generate existing conditions drawings, a historic preservation analysis and a development strategy for reuse. From stakeholder interviews we discovered that there was not strong support for a general history museum. Through visioning workshops and town hall meetings the team developed a proposal for reuse as a community events center with a historical exhibit, non-profit offices, and a restaurant and bar addition. This option allows the maximum amount of public access to the building, restores it as a social gathering space, and provides potential revenue-generating uses to support the building's upkeep.

Sam Edwards was project architect on this project for KCA and performed building survey, programming, feasibility studies for the adaptive reuse as a historic hotel. Sam also model the building in BIM with Autodesk Revit which allowed multiple design options and phasing plans.



Study rendering



1930s



Study plan

O'DONNELL PARKING GARAGE RESTORATION

Renovation and restoration of parking structure, Milwaukee, Wisconsin, USA

Size: 730,834 sf | Façade Restoration & Renovation | Structural Restoration |

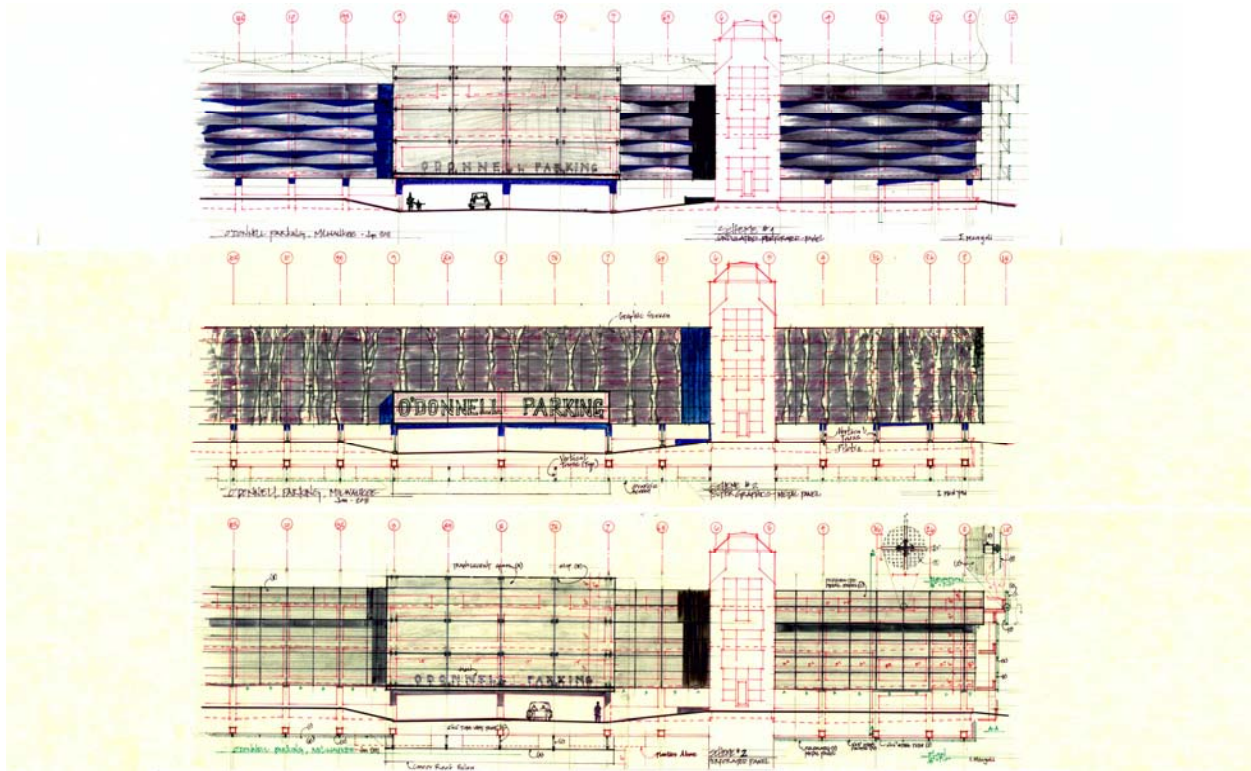
Cost: \$2.5 million

Completion: 2012

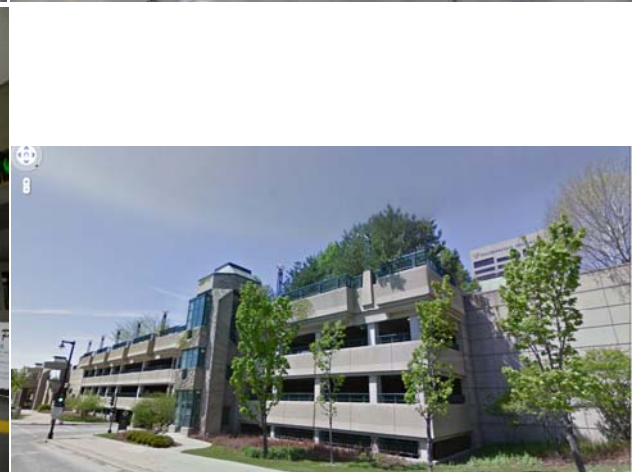
Client: Milwaukee County Dept of Transportation & Public Works (in association with Carl Walker)

The parking structure sits opposite the Milwaukee arts campus on Lincoln Memorial Drive had been closed following a tragic accident. M&E ARCHITECTS ENGINEER and ENGBERG ANDERSON were hired by Carl Walker to provide architectural design services to restore the parking structure. The scope required removal of all heavy existing concrete panels; analysis of the existing structural integrity and design solutions to restoring all existing welded joints. Three design options were proposed: Option 1 was Dri-design perforated translucent metal panel; Option 2 was Dri-design perforated translucent metal panel displaying a pine forest scene on all façades; Option 3 included resurfacing and sealing of the existing superstructure. In addition, new guardrail systems were added including new stainless steel coping on existing planters. The roof planters also received new waterproofing and geotechnical fabric and soil with new plants. New building and way-finding signs were designed to enhance the experience. The design schedule of this project was intensive since the Milwaukee Summer Festivals were a milestone which allowed the owner, design and construction teams to work integrally.





3 Design Options



Existing Prior to Renovation

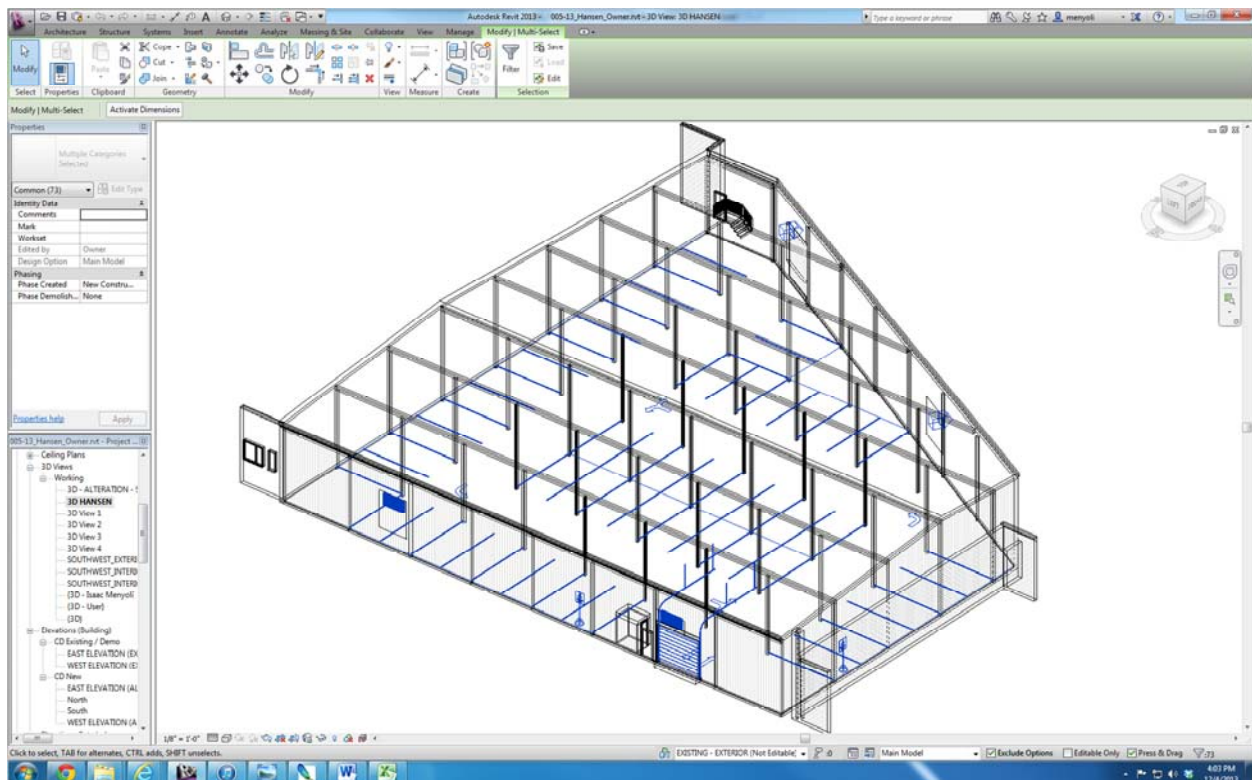
HANSEN STORAGE RENOVATION

Renovation of storage building, Milwaukee, Wisconsin, USA

Size: 18,306 sf | 50 parking spaces for Automobiles, Recreational Vehicles and Boats
Cost: \$100,000 (completed under budget for \$75,000)
Completion: 2013
Client: Hansen Storage Company Limited

Founded in 1904 by Theodore L. Hansen and led today by his descendants, Hansen Storage Company remains committed to meeting the current and future needs of their clients. The existing Warehouse #15 is the building for this project which was built in the late 1920's as an automobile distribution site. In the 1950's the building's 18,308 square feet was renovated by constructing an elevated concrete slab on wood framing to allow trains to duck at the building for delivery and distribution of goods. In recent times, the building was later used to store bales of paper for the Milwaukee Journal Sentinel.

M&E ARCHITECTS ENGINEERS was commissioned by Hansen Storage Company to provide architectural and engineering design services which included evaluation of applicable code and accessibility requirements, evaluation of existing building systems, presentation of design package to the Milwaukee Historic Third Ward Architectural Review Board. The project also included providing construction administration which proved very effective when during construction, many of the wood columns bases below the raised floor had rotted and required retrofitting solutions. The advantage of having a one-source architecture and structural engineering design team was proved exemplary as our team was able to assess the damaged columns at the site and provided immediate solutions (see sketches) which reduced delays and accelerated the construction process.



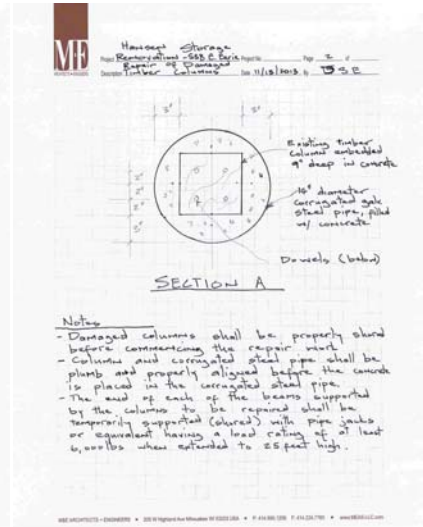
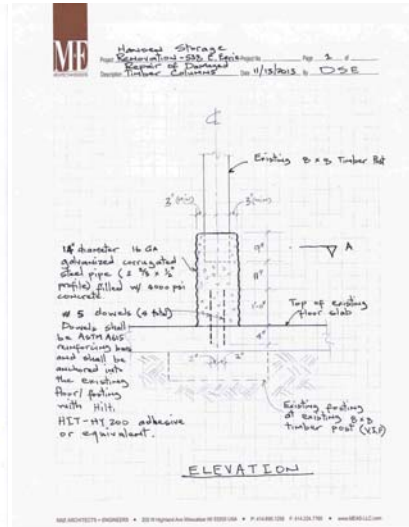
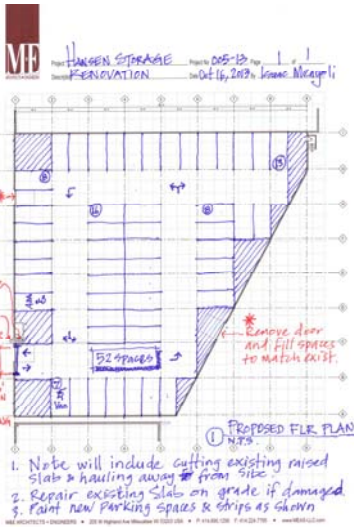
REVIT model



1930



Building prior to renovation



Design solutions to repair rotted timber columns discovered during construction



Construction



Typical rotted timber columns