

**Williams Architects' Response to the  
Village of Mount Prospect**

# **Fire Station No. 13**

**20 June 2018**



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20 June 2018

Mr. Mark Rysavy  
Deputy Director Building and Inspection Services  
Village of Mount Prospect  
50 S. Emerson Street, 2nd Floor  
Mount Prospect, IL 60056

Re: Response to Request for Proposal for the Village of Mount Prospect - Fire Station No. 13

Dear Mr. Rysavy and Selection Committee:

We are truly pleased to have the opportunity to respond to the Village of Mount Prospect's Request for Proposal with regards to Fire Station No. 13.. Williams Architects has been dedicated to public clients throughout our 43+ years with a concentration on fire facilities for over 25 years. We understand that Fire / EMS facilities are the home base and provide important support for the Community's Fire Department. They must provide efficient and dependable support to the fire fighters and staff. Based on our understanding of the Project, combined with Williams Architects' years of experience with fire facilities, positions us as a well suited organization for this Project. We would be honored to be selected as your Architect!

Our team of senior partners, Mark Bushhouse and Scott Lange, have been personally involved throughout all our fire station projects and will be our representatives to work directly with your staff and Village officials throughout the project. Mark and Scott personally "handcraft" only a few select fire stations per year. They have worked together for over 20 years and have developed, refined and honed their skills and understanding of the facility needs of today's fire fighter professionals on dozens of facilities. Their consistent track record speaks volumes as to their skill and passion to meet their client's goals.

We have recently assisted the Village of Glenview with Fire Station No. 6 and are currently assisting the City of Highland with plans for their new Public Safety Facility, the Carol Stream Fire Protection District with Planning, the Itasca Fire Protection District with Facility Planning, the Huntley Fire Protection District with their Headquarters Facility, and the City of Highland Park with Fire Station No. 2. We encourage you to contact our current and previous client references to learn first-hand about our project process, approach and performance.

We look forward to meeting with you and the Selection Committee to discuss this Project. We want to affirm that we are committed to being the Stewards of Your Vision. Should you have any further questions or require additional information during the evaluation period, please contact me at your convenience.

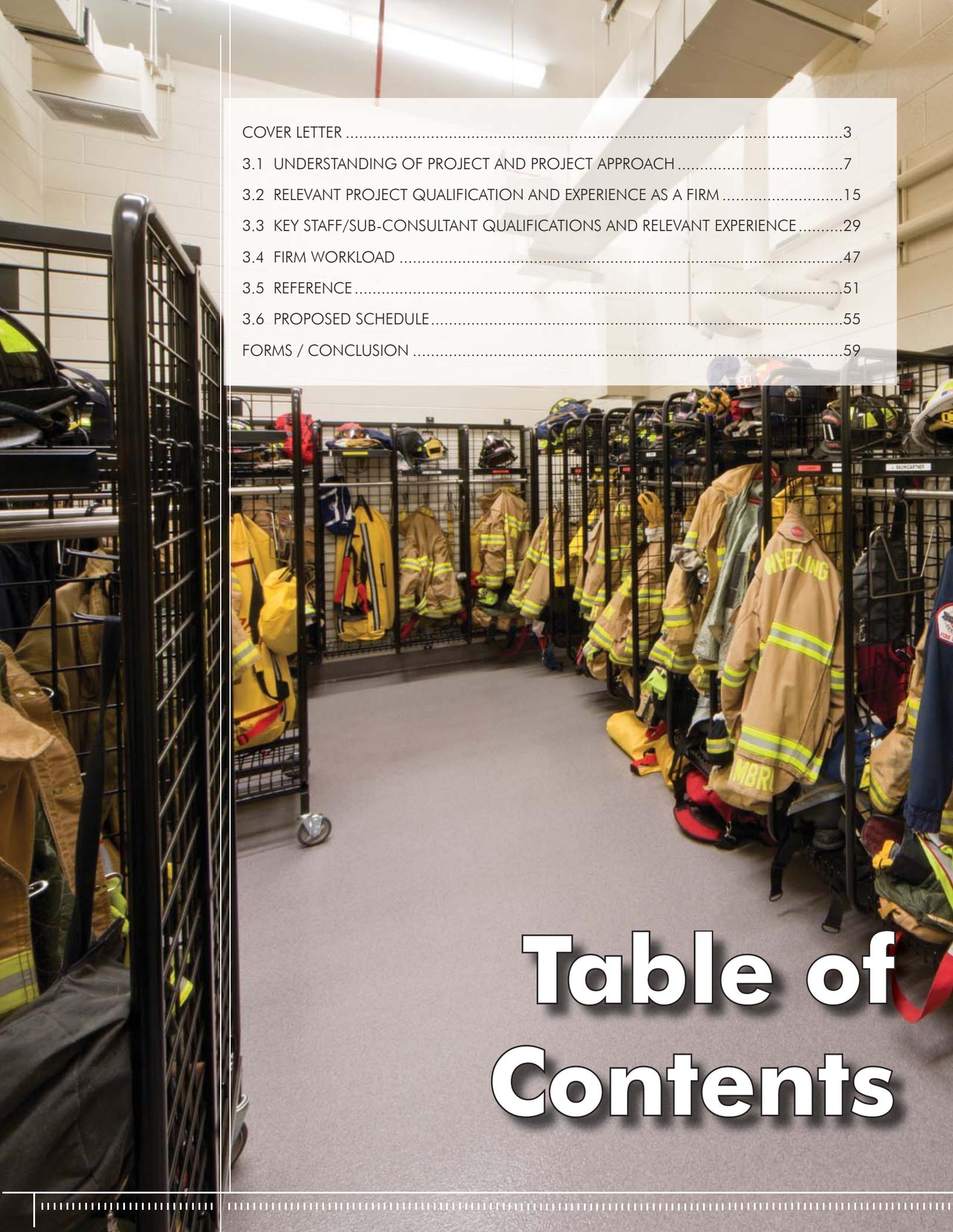
Sincerely,



Mark S. Bushhouse, AIA, LEED AP  
President / Principal-in-Charge

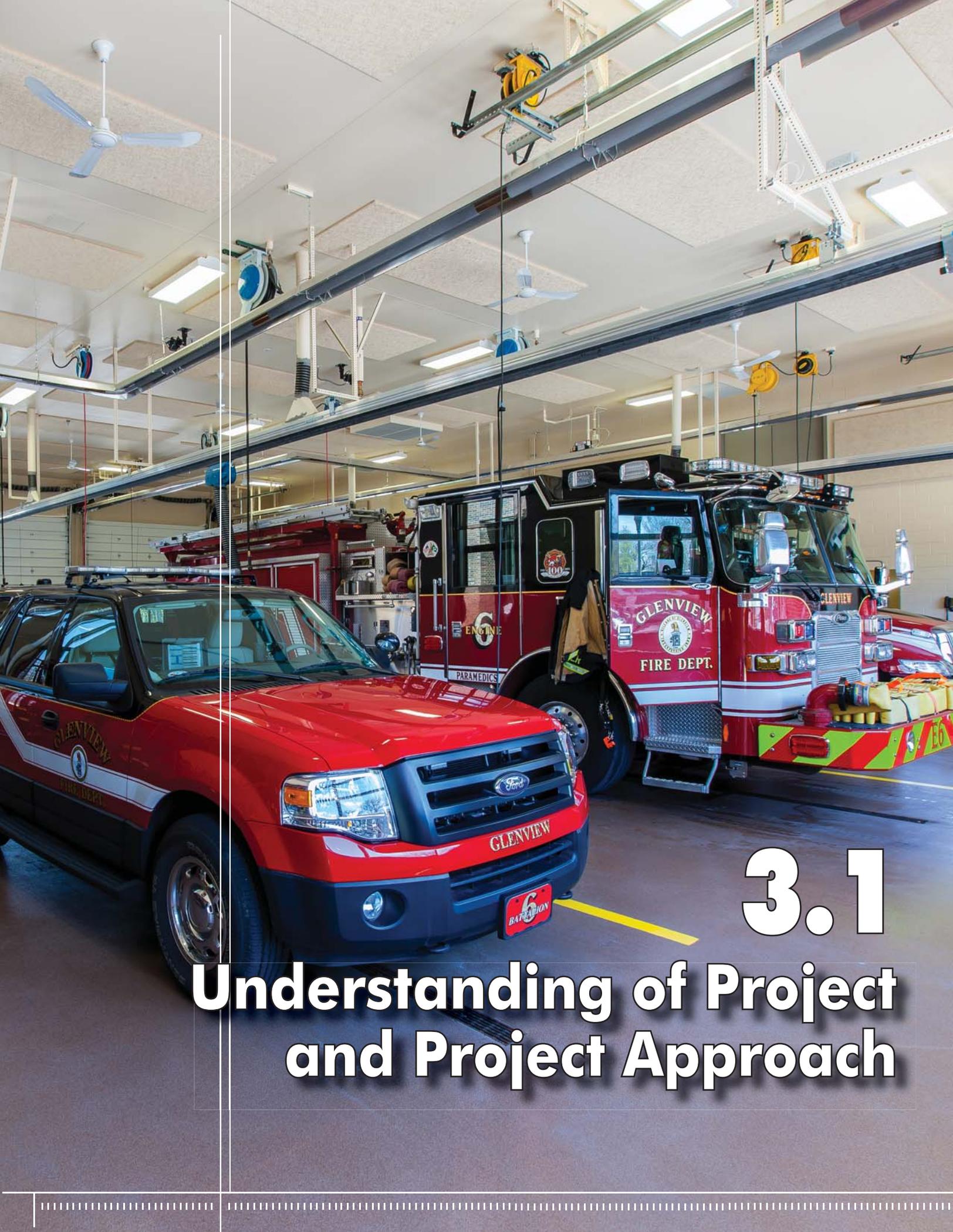
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## Understanding of Project and Project Approach

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# PROJECT UNDERSTANDING

WE understand that the Village of Mount Prospect is seeking qualifications from a highly-qualified, architectural-engineering firm to ensure timely, fiscally, responsible, and successful completion of the adaptive reuse of 111 E. Rand Road into Fire Station No. 13.

What we know is that Fire Station No.13 sits at 112 E. Northwest Highway and is collocated with the Police Station. Both departments will be relocated to new sites in order to provide the necessary space required for modern facilities. A location for the relocation of the Police Department has already been purchased and is in the design phase. The current site has many deficiencies such as:

- Lack of parking
- Need for renovated spaces
- Lack of training facilities
- Complicated site circulation
- Site lines in and out of the bays are limited and can be blocked by traffic during rush hour conditions

The Village has entered into a contract to purchase the former MB Financial building and site located at 111 E. Rand Road with the intentions of adaptively reusing the site and building for the new Fire Station 13. The building itself is roughly 23,000 square feet on two floors. The first floor is slightly raised on a plinth and the basement has limited windows along the east side of the building. The existing building is a steel framed structure with a space frame roof that overhangs on all sides by at least 12 feet, and 58 feet on the west. The existing facades are currently mostly glass and a limited amount of brick.

The concept is to demolish and reconstruct the interior of the building on both levels, build out the new apparatus bay on the west side under the large overhang, possibly add some space under the south roof overhang as necessary, and provide slight modifications to the site to allow for easier access of apparatus. The site itself already has stormwater detention facilities installed at the southwest corner of the site and no impact to that system is anticipated.

## ELEMENTS OF FIRE STATION

We will take into consideration the desires the Village of Mount Prospect has for the Fire Station. We understand the new station will be designed to be approximately 30,000 SF in size and shall provide adequate and flexible space to accommodate the following uses:

- 5 vehicle bays
- Living quarters for 10
- Kitchen and Dining area
- Day Room
- Administration Staff
- Fire Prevention Staff
- Training Space
- Exercise Room

### Staffing Levels

- Minimum 8 shift personnel, but 13 are staffed full time
- 13 shift staff times 3 shifts = 39 personnel
- Administration Staff 11.5 employees, normal business hours

### Parking

- Accommodations for up to 51 staff members
- Required ADA compliant parking
- Up to 40 additional stalls for training purposes

# PROJECT APPROACH

Our practical team management approach has proven successful in maintaining exceptional communications with clients, enabling us to complete superior projects on time and within budget. Our approach is collaborative throughout all phases. We believe in building strong working relationships between the Village of Mount Prospect and the Mount Prospect Fire Department, encouraging all to work hand-in-hand with the Williams Team to achieve an open exchange of information and ideas. In addition, the Williams Team's will provide site visits throughout the project as tasks pertaining to their specialty are executed. In this fashion, we continue to have our experts assist in the proper assembly and completion of the project. We will continually strive to maintain open and ongoing communication with the Village of Mount Prospect's leadership, the public and consultants throughout the project so issues may be discussed and effectively resolved to avoid problems and potential delays. To this end, we envision the project to include the following:

## PROJECT KICK-OFF/DATA COLLECTION/SITE ANALYSIS

During this Phase, Williams Architects and our consultant team shall attend a Project Kick-Off meeting with the Village of Mount Prospect Fire Department staff and other stakeholders. During this meeting we will identify the Project Team, prepare a Project Directory, review all data collected with respect to the Project and meet with key staff to gather additional input. We will discuss:

- A. *Expectations/Tasks* - We will define overall expectations and necessary tasks and responsibilities. A detailed work plan (including initial goals & objectives, as it relates specifically to the task) will be discussed and a project schedule will be developed.
- B. *Evaluate Program and Project Parameters* - Williams Architects will facilitate discussions and evaluate with the program requirements and overall project parameters.
- C. *Communiqué* - Confirmation on lines of communication, points of contact, level of involvement by Town leaders and staff, and other related project management details.
- D. *Data Collection* - Williams Architects will request, collect, log and review potential data and information required in order to facilitate a thorough understanding of the project background.
- E. *Design Criteria* - Develop a "Design Statement" and establish the Project's design criteria, as they relate to the Project's goals and objectives.

We gather all information available to include infrastructure, due diligence, surveys, land use preservation, surveys, photographs, existing master plans, drawings, zoning information, soil borings, etc. We will review the materials/studies to become familiar with the design intent and scope of work for the new Fire Department Facility. Utilizing this information we build a comprehensive database of our findings.

## SCHEMATIC DESIGN PHASE

During this phase of the Project, we shall review and refine the previously prepared program data and conceptual design and incorporate these findings into design criteria. We shall provide a meeting between Architect and Village Building and Zoning Departments to review proposed designs and the review of a code analysis, as provided by our Team, for comments by the Village of Mount Prospect. Our Team will follow through on decisions and determinations made by the Village Zoning and Building Departments. We will conduct meetings to review system requirements, options, cost, lead time, etc. Prepare preliminary schedules, code and zoning analysis. Review existing survey and geotechnical data and request additional information as may be required. Prepare design concepts and select a preferred concept. Our Team will then: test concept and present alternatives; identify building systems and material; and review statement of probable construction cost prepared by the Village's Construction Manager (CM); and review the project schedule.

## DESIGN DEVELOPMENT PHASE

Once the basic design and scope of the Project has been reviewed and accepted by the Village of Mount Prospect, our Team would then begin with the Design Development Phase of this Project. We shall further develop floor plans, elevations, and site plans to fully explain the design of this facility.

Work during this phase also includes review of the detailed cost estimate for value engineering prepared by the CM, and involvement of our full team of engineers and designers to review and determine the best mechanical, electrical, plumbing and other systems involved in the facility.

## CONSTRUCTION DOCUMENTS & PERMITTING PHASE

During this phase, we would work with our engineers to provide detailed drawings of every aspect of this site and building, including the specifications for all aspects of the facility. These documents would then be used for review by the Village of Mount Prospect at 50% completion and 95% completion. These documents will also be used for issuing of a building permit, and bidding by contractors.

During this phase, we would first submit all necessary plans and permit applications in a timely fashion, attend necessary meetings with the permitting agencies, prepare formal written responses and make necessary changes in order to receive timely permit approval.

### **CONSTRUCTION OBSERVATION AND ADMINISTRATION PHASE**

During the Construction Observation/Administration phase, we visit the site on an every-other week basis and meet with the Owner and CM to review all aspects of the Project, assisting the client in understanding the schedule and progress of the work, as well as issuing field reports for each of our visits, informing the client and CM as to work that is acceptable and unacceptable. We also review the payout requests as submitted by the CM and recommend payment to the Owner. We review, comment on and approve shop drawings as submitted by the CM for the various systems and components within the building. We provide information and clarification, and review change orders throughout the construction phase to administer the contract.

During the meetings with the Village of Mount Prospect, the CM and ourselves, we discuss the events of the previous week and any upcoming events for the next week. The meetings follow a detailed agenda designed by our team. We review with the construction project superintendent any and all subcontractor items that may require clarification. This allows us to either address the item in the field or request the contractor issue a formal Request for Information (RFI) so items can be clarified prior to actual construction. We also keep a photographic record of progress.

### **POST CONSTRUCTION PHASE**

As part of our Basic Services, we walk the site with the Owner and CM and develop a comprehensive list of items to be completed (Punchlist). We perform “wrap-up” tasks to ensure a smooth transition to owner occupancy.

We review all submitted “as built” documentation and maintenance manuals to verify that there are no conflicts with the design intent, and to identify any ambiguities that require clarification.

Conscious of the need to assist our clients with achieving the full value of the initial construction effort, we visit the facility 11 months after substantial completion for program/maintenance/operations review and documentation of warranty issues. During this visit we walk through the facility with the owner to determine the items that are to be corrected as part of the construction warranty, and/or assist the Owner to best operate and maintain their new facility.

## **Additional Attributes within our Approach**

### **COMPUTER TECHNOLOGY / VISUALIZATION**

Depending upon the unique needs / project demands of our client, Williams Architects uses advanced project delivery systems to assist in the delivery of high-quality technical and professional service to our clients. AutoCAD, augmented by the use of PhotoShop and Sketch-Up, or Building Information Modeling (BIM) is utilized to provide design drawings, three-dimensional project representation, computer renderings and animation of site and structure designs as well as construction documents.

The use of Building Information Modeling early in our design process allows us to illustrate our concepts. Instead of creating plan and elevation drawings to illustrate our design concepts, we create a complete three-dimensional model of the entire building and the proposed improvements. From this model, it is possible to create any number of eye-level, perspective views, allowing the Village to better understand and react to the character of proposed improvements before drawings become finalized. The finalized model is then used to create the construction documents for the work.

This innovative approach to design not only allows for greater understanding of the proposed improvements, but also leads to higher quality construction documents. Since the design team is creating and modifying a model rather than a series of drawings, changes are instantly coordinated throughout the set of drawings - potentially reducing change orders during construction.

### **VALUE ENGINEERING**

Value engineering is something that has become common practice for nearly all construction projects. Williams Architects, with the input of the Owner, will work to reduce project costs without sacrificing design, aesthetic qualities, performance and program requirements that are at the core of the project’s values. This is done by reviewing materials, building systems, and anticipated construction methods, and recommending cost options. Our team is also concerned about providing a building that is economical to construct while taking into consideration the life-cycle impact on maintenance costs. We provide cost comparisons of alternate construction systems and materials, including value-engineering options where appropriate.

We stress the importance of a thorough “value engineering” exercise at the end of both the Schematic Design and Design Development Phases. These exercises present the best opportunity for the design team to make adjustments to the budget and/or scope to reconcile program, scope, and plans with project objectives. A comprehensive schematic design estimate is critical to making sound value judgments that shape the project, and the Design Development estimate aids in the selection of the most cost-effective materials, systems and finishes.

### **EFFICIENT PERMITTING**

We have always assisted our clients with the permitting process from local governing authorities. It is our standard procedure on all our jobs to assist the client with obtaining permits.

We facilitate this process with each governing body by including each agency in the design process. This spirit of collaboration with each agency provides the Project Team the opportunity to learn their respective expectations and identify any concerns or challenges. We propose to engage these agencies at the inception of the design. By understanding the challenges early in the process, the Project Team has an opportunity to evaluate all aspects as related to the overall budget and provide adjustments as required. This spirit of collaboration facilitates the permitting review process prior to construction. Each agency is familiar with the project, thus expediting the issuance of permits.

### **COMMITMENT TO ENERGY EFFICIENT AND HEALTHY BUILDING / SITE**

Our Team takes seriously our responsibility to help preserve the environment. We are committed to maintaining our environment by incorporating financially feasible sustainable design features / systems that use material, energy and water efficiently, but that are and which focus on avoiding health issues stemming from indoor environmental quality. We recognizes the following benefits achievable through sustainable design:

- Extended durability
- Safeguarding water supplies
- Enhanced occupant comfort
- Energy and water savings
- Reduced maintenance costs
- Revenue from recycling
- Conservation of natural resources
- Elimination of waste and pollution
- Preparation for future regulatory legislation
- Positive public relations

We make use of applied research, advanced analytical and modeling tools, and a closely integrated, multi-disciplinary design team to develop solutions marked by optimized design and the achievement of budgetary goals. Focusing on water use, waste reduction and indoor air quality, we develop building design solutions and specify materials to support efforts to reduce or eliminate negative effects on the environment.

### **QUALITY ASSURANCE**

Our quality assurance/quality control (QA/QC) program was developed to ensure systematic coordination and control of all project design processes and supporting activities, in the effort to execute projects expressing superior technical and presentation characteristics and which are in accordance with the specifications, schedule and budget established. All quality assurance functions are performed under the management of Chief Architect Scott Lange, “Quality Control Director” who is responsible for the administration of the quality assurance program, which is ultimately directed toward achieving client satisfaction. With his diverse project experience and broad knowledge of architectural standards rendering him an asset to any project design team, Lange reviews all work for compliance with owner program, budget, design quality, and industry criteria. His role continues as he compares in-progress construction against construction documents, checking compliance, and making decisions necessary to deliver a project within time and budgetary limits.

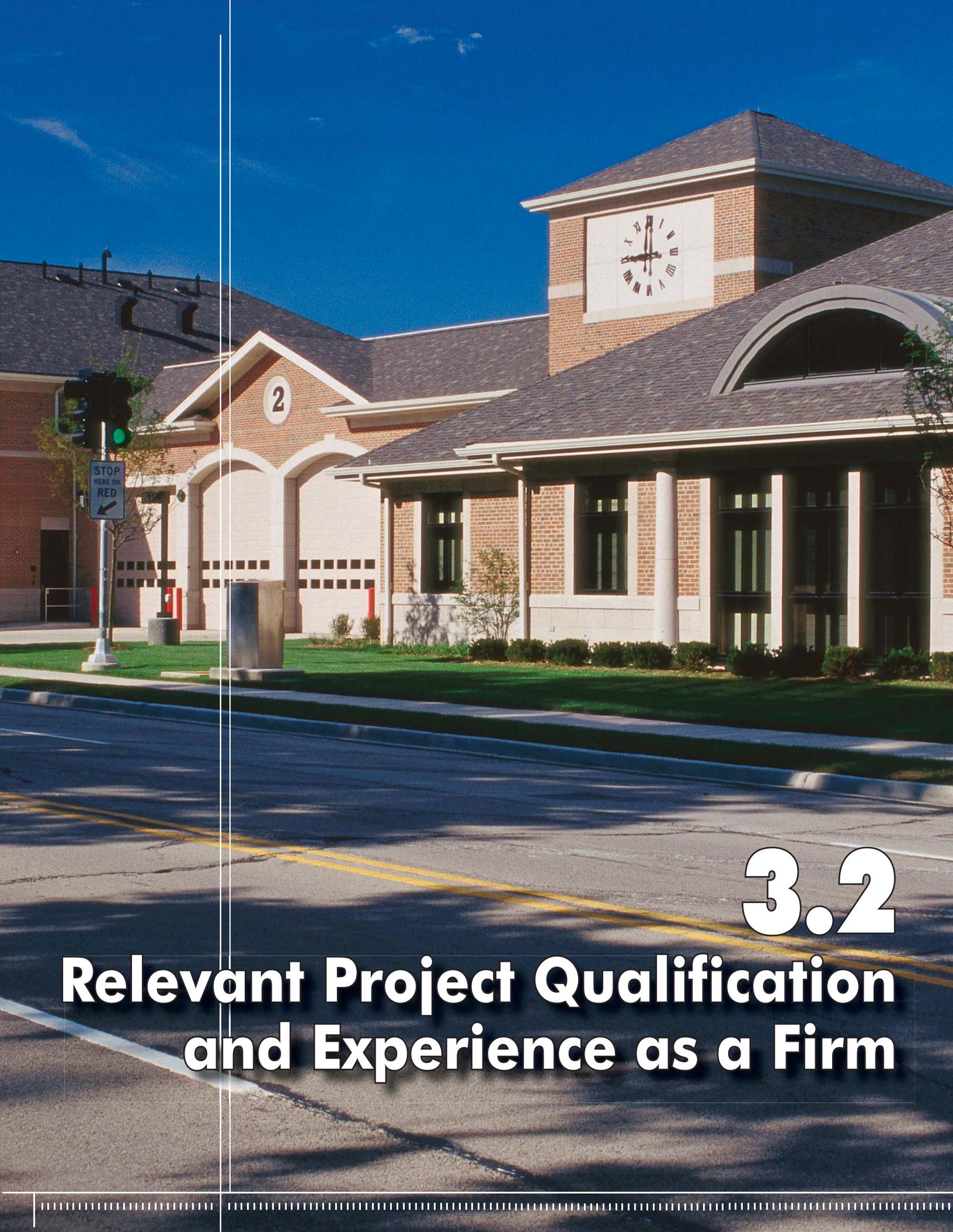
Each project architect is also required to provide in-house quality control for his or her project. The majority of architects in our office are licensed. In addition to the project architect, a third party not involved in the project is brought in to review the project as it approaches the 95-percent point in construction document development. Having another architect involved in the process at this stage provides “a fresh set of eyes” and another perspective. Williams Architects performs all of its quality control and quality assurance program activities in house. Our QA/QC process allows us to stay current with client needs, as well as make use of expertise in the firm, while avoiding the additional expense to the owner of engaging outside consultants to inspect work.

We have also developed supplemental in-house programs to augment our QA/QC efforts. We conduct bi-weekly, firmwide technical staff meetings at which we request any person who has a detailed question or a problem in the field needing resolution to bring the issue up for discussion, allowing team examination, and presenting an opportunity to assign appropriate individuals to execute remedial action. This approach allows all present to gain from the knowledge learned from error in the field, in a drawing, or caused by contractor negligence, and helps to build a “collective knowledge” that can help avoid future problems. In the other program, twice a month a project team is asked to make a presentation to the key principal staff in the firm. The presentation format follows that of a public presentation where the project staff is evaluated on project design, functionality, budget, job controls, and presentation style and technique. This exercise supports staff training, affording an opportunity for less experienced staff to learn from more experienced staff, and helps improve communication skills so that problems arising in the field during construction can be addressed and resolved quickly and efficiently. At times, we invite clients to these meetings so that they can observe this valuable critique process. We believe this approach promotes superior QA/QC by having all parties participating in a single meeting. Additionally, when multiple consultants are involved in a project, we host numerous consulting and coordination meetings.

In summary, our QA/QC program is implemented as follows:

- *Initial inspections.* The preliminary design is verified, and drawings and documents comprising specification are checked for accuracy. Acceptable levels of design coordination are established and any discrepancies among assignments resolved. Additionally, assurance of the availability of all required data concerning the facility and site is addressed.
- *Follow-up inspections.* These are performed to ensure that drawings conform to the specifications and requirements of the clients.
- *Pre-final inspections.* Performed at the completion stage of all work or increments of work, pre-final inspections yield a punch list of deficiencies identified in the built project that do not meet design specifications. A list of work to be performed to rectify deficiencies is prepared, and a follow-up inspection performed to ensure that all discrepancies between design and facility have been corrected. Inspections and corrective action will be performed within the time outlined for the completion of the entire project or increments thereof.

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# 3.2

## Relevant Project Qualification and Experience as a Firm

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The combined experience of each member of the Williams Team represents service to many municipalities locally as well as nationally. Our Team's municipal experience is extensive and boasts a track record that consists of highly successful projects. The following list represents our prior related design experience.

CITY OF ANKENY, IA

- Police & Fire / EMS Needs Assessment, Site Review & Master Plan (in assoc. with McClaren Wilson. & Lawrie)

VILLAGE OF BARRINGTON, IL

- Combined Fire / EMS Station and Police Dept. Public Safety Facility
- New Village Hall Facility

BARRINGTON COUNTRYSIDE FIRE PROT. DISTRICT

- New Barrington Hills Fire / EMS Station

VILLAGE OF BARTLETT, IL

- Police Department Facility Study
- New Police Facility

VILLAGE OF BEDFORD PARK, IL

- 2 New Fire / EMS Substations

VILLAGE OF BURR RIDGE

- Master Plan & New Police Facility

VILLAGE OF CAROL STREAM

- Village Hall & Police Needs Assessment and Planning
- Police and Village Hall Addition / Remodeling

CAROL STREAM FIRE PROTECTION DISTRICT

- Fire Protection District Station 29 Facility Planning

VILLAGE OF CARPENTERSVILLE, IL

- Municipal Facilities Master Plan Public Works, Police & Village Hall
- Public Works Facility

CENTERVILLE-WASHINGTON, OH

- Maintenance Facility

VILLAGE OF DEER PARK, IL

- Village Hall Planning Study

VILLAGE OF DEERFIELD, IL

- Renovation/addition to Village Hall

CITY OF DEKALB, IL

- Police Facility Feasibility and Master Plan

CITY OF DELEVAN, WI

- Village Hall & Police Station Renovation

VILLAGE OF DOWNERS GROVE, IL

- New Fire / EMS Headquarters
- Police and Village Hall Planning & Design

DUPAGE COUNTY, IL

- On-Call Architectural Services

ELK GROVE PARK DISTRICT, IL

- New Maintenance Facility

CITY OF GENESEO, IL

- City Hall & Police Needs Assessment & Master Plan

VILLAGE OF GLENCOE, IL

- Municipal Center Police Renovation

VILLAGE OF GLENDALE HEIGHTS, IL

- Municipal and Police Facilities Master Plan
- New Senior Center

VILLAGE OF GLENVIEW, IL

- New Fire Station # 6
- Village Hall Relocation and Police Renovation

CITY OF HIGHLAND, IL

- New Police / Fire / EMS Facility

VILLAGE OF HIGHLAND PARK, IL

- New Fire / EMS Headquarters

VILLAGE OF HOFFMAN ESTATES, IL

- Police Needs Assessment and Master Plan

VILLAGE OF HOMER GLEN, IL

- New Village Hall Planning & Design Concept

HUNTLEY FIRE PROTECTION DISTRICT

- New Fire Station #4
- New Headquarter Facility

ITASCA FIRE PROTECTION DISTRICT, ITASCA, IL

- Headquarters Station Planning

LAKE COUNTY

- Sheriff Evidence Central Facility



LAKE COUNTY FOREST PRESERVE DISTRICT

- Police and Operations Facility
- Storage Facility
- Existing Facilities Review

VILLAGE OF LISLE, IL

- Master Planning for Village Hall and Police
- New Police Facility
- New Village Hall Facility

MCHENRY COUNTY, IL

- Police Evidence Facilities

VILLAGE OF MORTON, IL

- New Police Facility (in association with Keach Architects)

VILLAGE OF MORTON GROVE, IL

- Police / Municipal Facilities Feasibility Study

VILLAGE OF NORTH AURORA, IL

- Village Hall & Police Needs Assessment
- Site Review Study for Village Hall and Police

VILLAGE OF OAK BROOK, IL

- Police Facility and City Hall Master Plan
- Lock-up Zone Renovation & Addition

CITY OF OAKBROOK TERRACE, IL

- New Police Facility

VILLAGE OF PALATINE, IL

- Fire / EMS Station

CITY OF PORTAGE, MI

- Fire Station No. 2

VILLAGE OF RICHTON PARK, IL

- Municipal Needs Assessment & Master Plan, Village Hall Police, Fire / EMS and Recreation

VILLAGE OF RIVERWOODS, IL

- Fire / EMS Station Master Plan/Needs Assessment
- New Fire / EMS Station
- Police Master Plan

CITY OF SANDWICH

- New Police Facility

VILLAGE OF SCHAUMBURG, IL

- Master Plan
- Fire / EMS Stations 1, 2 & 3

VILLAGE OF SKOKIE (IL) FIRE DEPARTMENT

- Master Plan/Full Services New Fire / EMS Station No. 17
- Addition & Renovation to Stations No. 16 & 18

VILLAGE OF SUGAR GROVE, IL

- Village Hall, Police & Public Works Master Plan Staffing, Site Needs, Site Review & Planning, (New police station in association with Cordogan Clark & McClaren Wilson & Lawrie)
- Police Facility - Complete through C-Docs - currently on hold

VILLAGE OF SUMMIT

- New Police Facility - Feasibility Study

VILLAGE OF TINLEY PARK

- Fire Stations No. 2 and 3 Master Plan

CITY OF WEST CHICAGO, IL

- Municipal Master Plan, City Hall, Police and Water Department
- Police Facility

CITY OF WHEATON, IL

- City Hall and Fire / EMS Station Master Plan
- New Fire / EMS Department Headquarters
- City Hall Addition/Renovation

VILLAGE OF WHEELING, IL

- Fire / EMS Needs Assessment
- Fire / EMS Station No. 24
- Police Facility Planning and Design

VILLAGE OF WILLOW SPRINGS, IL

- New Police and Enlarged & Renovated Fire / EMS Facilities

VILLAGE OF WILLOWBROOK, IL

- Municipal Needs & Assessment Master Plan
- Public Works, Police, Village Hall & Recreation
- Village Hall Remodeling
- Police Facility Renovation

VILLAGE OF WOODRIDGE, IL

- Police & Public Works Needs & Assessment Master Plan

CITY OF YORKVILLE, IL

- City Hall & Police Near Term Planning
- City Hall & Police Renovation



## DOWNERS GROVE FIRE STATION NO. 2



This new fire station serves as the Department's headquarters facility, housing administration space, a training room, a four-bay drive-through apparatus bay, living quarters for 12 firefighters, an exercise room, a kitchen, and a day room. Designed to be a 33,400-square-foot facility, this new station also features a training tower.

**CLIENT:**

Village of Downers Grove & Downers Grove Fire Dept.  
801 Burlington Avenue  
Downers Grove, IL 60516  
David B. Fieldman, Village Manager  
(630) 434-5526

**Project Size:**

33,400 SF

**Final Project Cost:**

\$6,900,000

**Completion Date:**

2008

# WHEELING FIRE DEPARTMENT HEADQUARTERS



Williams Architects was hired to design a new fire station for the Village of Wheeling. The resulting 20,454-square foot fire station serves as the department's headquarters facility and features administrative offices, a training room, a four-bay drive-through apparatus bay, living quarters for up to 12 firefighters, and a kitchen.

**CLIENT:**

Village of Wheeling  
255 W. Dundee Rd.  
Wheeling, IL 60090  
Keith Maclsaac, Fire Chief  
(847) 459-2662

**Project Size:**

20,454 SF

**Final Project Cost:**

\$5,800,000

**Completion Date:**

2010

# PALATINE FIRE STATION NO. 81



The Village of Palatine retained Williams Architects to design their newest fire station. The facility will operate as a Satellite station for the Village to provide better service for a growing community. This satellite station is designed to have a residential appearance to allow it to blend with the surrounding neighborhood and will contain a training room, kitchen, sleeping bunk space for six as well as administrative spaces with 3 apparatus bays,

**CLIENT:**

Village of Palatine  
200 East Wood Street  
Palatine, IL 60067  
Robert Falardeau, Fire Chief  
(847) 202-6343

**Project Size:**  
**Final Project Cost:**  
**Completion Date:**

8,736 SF  
\$2,600,000  
2011

# HUNTLEY FIRE STATION NO. 4



The Huntley Fire Protection District engaged Williams Architects to design this 11,700 square foot facility situated on 1.75 acres that features 2 apparatus bays, living quarters for six (6) , a training room and other associated spaces. The goal for this project was to provide engaging and well functioning spaces which provide classic architectural and aesthetic structures in the community demonstrating economical design and minimizing energy use. The District was awarded Leadership in Energy and Environmental Design certification for its design and construction features. The distinction from the U.S. Green Building Council makes Huntley Fire Protection District Station No. 4, the first LEED certified fire station in McHenry County and the Village of Algonquin.

**CLIENT:**

Huntley Fire Protection District  
 11808 Coral Street  
 Huntley, IL 60142  
 Scott Ravagnie, Fire Chief  
 (847) 515-8850

**Project Size:**

11,700 SF

**Final Project Cost:**

\$3,300,000

**Completion Date:**

2011

# GLENVIEW FIRE STATION NO. 6



Williams Architects assisted the Village of Glenview with planning and design of their new Fire Department Headquarters facility. This 14,659 SF facility houses the vehicles in a 3 bay apparatus room and provides living quarters for 7, as well as training / apparatus support spaces and administrative offices.

**CLIENT:**

Village of Glenview  
1225 Waukegan Road  
Glenview, IL 60025  
Ralph Ensign, Chief  
(847) 724-2141

**Project Size:**

14,659 SF

**Final Project Cost:**

\$4,800,000

**Completion Date:**

2014

# SCHAUMBURG FIRE STATION NO. 51



Designed to be integrated into a municipal campus, Schaumburg's Fire Station No. 51 is an 11,500-square-foot, single-story, masonry building with a flat-roof profile. Amenities in the three-bay fire station include a prominent hose tower, living quarters for nine firefighters, a kitchen with stainless steel equipment and cabinets, a large day room, an exercise room and a 600-square-foot mezzanine.

**CLIENT:**

The Village of Schaumburg  
101 Schaumburg Court  
Schaumburg, IL 60193  
David Schaumann, Fire Chief  
(847) 985-4452

**Project Size:**

11,521 SF

**Final Project Cost:**

\$2,300,000

**Completion Date:**

2006

# FIRE STATION NO. 2



WEST ELEVATION



SOUTH ELEVATION



Williams Architects is currently assisting the City of Portage with the design of Fire Station No. 2 design. The new 18,300 square-foot fire station will feature a four drive apparatus bay, hose tower and storage, workroom, offices, lobby, day room and kitchen, sleeping quarters, locker rooms and fitness room.

**CLIENT:**

City of Portage  
 7900 S. Westnedge Ave.  
 Portage, MI 49002  
 John Podgorski, Sr. Deputy Fire Chief  
 (269) 329-4488

**Project Size:**

18,300 SF

**Final Project Cost:**

\$6,000,000

**Completion Date:**

Est. 2020

# SCHAUMBURG FIRE STATION No. 52



The design and construction for Schaumburg fire station No. 51 and the renovation/addition to fire station No. 52 were completed during the same time period for the Village of Schaumburg. The renovation and addition to Schaumburg fire station No. 52 took place in the administrative areas with the bulk of the additional square footage being added to the living quarters and apparatus bay areas. The kitchen, exercise and radio rooms were expanded to accommodate additional users. A day room and living quarters for seven firefighters were also part of this addition.

**CLIENT:**

The Village of Schaumburg  
101 Schaumburg Court  
Schaumburg, IL 60193  
David Schaumann, Fire Chief  
(847) 985-4452

**Project Size:**

9,700 SF

**Final Project Cost:**

\$1,600,000

**Completion Date:**

2006

# BEDFORD PARK FIRE STATION No. 3



Williams Architects provided planning and design services, for a new fire substation for the Bedford Park Fire Department. The design developed for a one-story, masonry facility to house seven firefighters, an exercise room, and a two-bay drive through.

**CLIENT:**

Village of Bedford Park  
6701 S. Archer Road  
Bedford Park, IL 60501  
Sean Maloy, Fire Chief  
(708) 458-2067

**Project Size:**

13,224 SF

**Final Project Cost:**

\$3,600,000

**Completion Date:**

2007

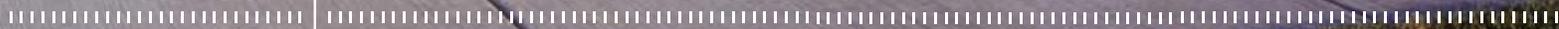
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3.3

**Key Staff/Sub-Consultant  
Qualifications and  
Relevant Experience**



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# ORGANIZATION CHART

The Williams Architects team has the capacity to complete the work for the Village of Mount Prospect in a timely fashion. The following Williams Architects' personnel will be assigned to your project, with additional support staff assigned as necessary. These staff members have the time necessary to provide you with quality professional services and successfully meet your project objectives.



**MARK BUSHOUSE**  
Principal-in-Charge



**SCOTT LANGE**  
Project Manager



**CARRIE KOTERA**  
Interior Design

**Johnson Wilbur Adams, Inc.**  
Structural Engineer

**Provided by Owner**  
Civil Engineer

**WT Group**  
MEP Engineer

**SENTINEL**  
Low Voltage Consultant



# MARK S. BUSHOUSE, AIA, LEED® AP, NCARB

Principal-in-Charge / Managing Principal

**EDUCATION:** University of Illinois, Chicago  
Bachelor of Architecture, 1982

**LICENSED ARCHITECT:** IL, WI, IA, KS, MO

**INDUSTRY EXPERIENCE:** 35 Years

**MEMBERSHIPS / AFFILIATIONS**

ALA Northeast Chapter Member  
National Council of Architectural Registration Boards  
LEED® Accredited Professional  
American Public Works Association Member  
International Association of Chiefs of Police Member  
IL Fire Chiefs Association Member

Mark joined Williams Architects in March 1987 and is a licensed Architect in several states. While leading the firm as President, he also oversees our interiors and municipal practices. He has full project architectural responsibilities with a focus on master planning. Mark has demonstrated project leadership, planning expertise and effective cost control which will allow our team to create a realistic, cost conscious solution for your facilities.

**PROJECT EXPERIENCE**

- City of Ankeny, IA: Fire and Police Space Needs Analysis
- Village of Arlington Heights: Fire Department Headquarters Master Plan
- Village of Barrington: Police, Fire, and Village Hall Facilities
- Barrington Countryside Fire Protection District: Fire Station
- Village of Bedford Park: Fire Station No. 2 & No. 3
- Carol Stream Fire Protection District: Fire Station 2 Planning Study
- Village of Downers Grove: Fire Headquarters Facility, Police & Village Hall Planning
- DuPage County: On-Call Architectural Services
- Village of Glenview: Fire Station # 6, Village Hall & Police Addition / Renovation
- City of Highland: Police, EMS & Fire Facility
- City of Highland Park: Fire Department Headquarters Facility
- Huntley Fire Protection District: Fire Station No. 4 (LEED Certified), Headquarters Station
- Itasca Fire Protection District: Headquarters Station Planning
- Village of Palatine: Fire Station 81
- City of Portage, MI: New Fire Station No. 2
- Village of Richton Park: Police, Fire, Village Administrative & Recreation Master Plan
- Village of Riverside: Municipal Facilities Assessment
- Village of Riverwoods: Lincolnshire/Riverwoods Fire Protection District Fire Station
- Village of Sandwich: Public Safety Complex
- Village of Schaumburg: Fire Stations 1, 2 and 3, EPW Facility Storage Assessment
- Village of Skokie: Fire Stations 16, 17 & 18
- Skokie Park District: Historic Fire Station Renovation, & Maintenance Facility
- Village of Tinley Park: Fire Stations 2 & 3 Master Plan
- City of West Chicago: Municipal Facilities Master Plan & Police Station
- City of Wheaton: City Hall Addition/Remodeling & Fire Department Headquarters
- Village of Wheeling: Fire Station No. 24 & Police Department Planning and Design
- Village of Woodridge: Municipal Campus Feasibility





# SCOTT E. LANGE, AIA, LEED® AP, NCARB

Vice President / Principal

**EDUCATION:** De Paul University, Bachelor of Arts  
University of Illinois at Chicago, School of Architecture  
William Rainey Harper College, A.A.S. Architectural  
Technology

**LICENSED ARCHITECT:** IL

**INDUSTRY EXPERIENCE:** 31 Years

**MEMBERSHIPS / AFFILIATIONS:**

AIA Northeast Chapter Member  
National Council of Architectural Registration Boards  
LEED® Accredited Professional  
Construction Specifications Institute, Home Chapter 134  
Northern Illinois

Scott joined Williams Architects in 1994 and is a licensed architect in the State of Illinois. Scott is responsible for establishing firm-wide uniformly high production standards for design and contract documents and oversees the Quality Assurance process. He is thoroughly familiar with the entire architectural process and possesses managerial skills with respect to leading, and directing activities of all project team personnel while monitoring budget, scheduling, technical production and ensuring adherence to client goals. A brief highlight of the projects he has been involved with is listed below.

**PROJECT EXPERIENCE**

- Village of Barrington: Public Safety Facility, Village Hall
- Village of Bedford Park: Fire Station No. 2 & No. 3
- Village of Downers Grove: Fire Station No. 2 Headquarters, Police & Village Hall Planning
- DuPage County: On-Call Architectural Services
- Village of Glenview: Village Hall and Police Expansion/Renovation, Fire Station No. 8
- City of Highland: Highland Public Safety Facility
- City of Highland Park: Fire Department Headquarters Facility, Station No. 32 Planning Study
- Huntley Fire Protection District: Fire Station No. 4 (LEED Certified), Headquarters Station
- Itasca Fire Protection District: Headquarters Station Planning
- Lake County: Multi Departmental Storage & Evidence Processing Facility
- Village of Palatine: Fire Station # 81
- City of Portage, MI: New Fire Station No. 2
- Village of Riverwoods: New Fire Station
- Village of Richton Park – Police, Fire, Village Administrative & Recreation Master Plan
- Village of Sandwich: Public Safety Complex
- Village of Schaumburg: Fire Stations No. 51, 52 and 53
- Village of Skokie: New Fire Station No. 17, Fire Station Nos. 16 & 18 expansion/remodel
- Village of Tinley Park: Fire Stations 2 & 3 Master Plan
- Village of Wheeling: Fire Station No. 24 & Police Department Planning and Design
- Village of Woodbridge: Municipal Campus Feasibility





# CARRIE A. KOTERA

Director of Interior Design

**EDUCATION:** Illinois Institute of Art Schaumburg, Illinois  
Bachelor of Fine Arts

**INDUSTRY EXPERIENCE:** 12 Years

Carrie joined Williams Architects in April 2006. As the Director of Williams Interiors, Carrie designs spaces for living, working and playing. Her philosophy is to deliver solutions that inspire and unite. She understands each interior environment is unique to our clients and should reflect their culture and communicate their message. Her exceptional creativity and extensive knowledge of furnishings and planning considerations ensures inspiring, functional, durable, and sustainable interiors.

## PROJECT EXPERIENCE

- Village of Bartlett – Police Station
- Bartlett Park District – Villa Olivia Maintenance Facility
- Village of Bedford Park: Fire Station No. 2 & No. 3
- Village of Carol Stream – Village Hall & Police Addition/Remodel
- Village of Downers Grove – Fire Station No. 2 Headquarters
- Village of Glenview – Fire Station No. 6, Village Hall and Police Expansion/Renovation
- Hamilton Partners – Northwest Athletic Club, Various 500 Park Blvd. Projects
- City of Highland Park – Fire Headquarters Facility
- Lake County Forest Preserve District – Operations and Public Safety Facility
- Naperville Park District – Knoch Park Central Maintenance Facility
- City of Oakbrook Terrace – Police and City Hall
- Village of Palatine – Fire Station
- City of Sandwich – New Police Facility
- Village of Sugar Grove – New Village Hall & Police Station
- Village of Willowbrook – Police Facility Renovation



# CONSULTANT OVERVIEW

Although Williams Architects performs all of the architectural design / planning, interior design, cost estimating, project coordination and construction administration work in-house; we retain specialized consultants and engineers to assist as needed on our projects. We have long-standing excellent relationships with each of the consulting firms listed below and rely on them to provide the quality of services expected of our firm. We will work with the Village of Mount Prospect in the final review and selection of the below noted consulting firms and consider additional consultant suggestions you may have.

## ARCHITECT

### **Williams Architects**

500 Park Boulevard, Suite 800, Itasca, IL 60143  
Mark S. Bushhouse, Principal-in-Charge  
(630) 221-1212  
[www.williams-architects.com](http://www.williams-architects.com)

## INTERIOR DESIGN

### **Williams Interiors**

500 Park Boulevard, Suite 800, Itasca, IL 60143  
Carie Kotera, Director of Interior Design  
(630) 221-1212  
[www.williams-architects.com](http://www.williams-architects.com)

## M/E/P ENGINEERING

### **W-T Mechanical/Electrical Eng.**

2675 Pratum Avenue  
Hoffman Estates, IL 60192  
Stephen Triphahn, President  
(224) 293-6301  
[www.wtengineering.com](http://www.wtengineering.com)

## STRUCTURAL ENGINEERING

### **Johnson Wilbur Adams, Inc.**

175 North Washington Street, Wheaton, IL 60187  
Mike Wilbur, Principal  
(630) 653-9060  
[www.jwase.com](http://www.jwase.com)

## CIVIL ENGINEERING

**Provided by Owner**

## LOW VOLTAGE CONSULTANT

### **Sentinel Technologies**

2550 Warrenville Road  
Downers Grove, IL 60515  
Jim Michalik, RCDD, CTS  
630.769.4354  
[www.sentinel.com](http://www.sentinel.com)



# JOHNSON WILBUR ADAMS, INC.

## Structural Engineering

### Company Profile

**Johnson Wilbur Adams, Inc. (JWA)** is a full-service structural engineering firm committed to providing economical and innovative solutions to all types of projects. Established in 1989 as R.I. Johnson & Associates, we strive to develop long-term relationships with our clients by understanding their needs relative to the structural engineering aspects of their projects. JWA offers a wide range of quality, state of the art engineering services to the commercial, industrial, institutional, municipal, religious, health care and educational industries. Our engineers are licensed as Professional Engineers in over twenty-five states.

JWA's commitment to the owner's needs and requirements and the quality and innovation of our services has resulted in very successful long term relationships with our clients. JWA has worked with many of our clients for over twenty years and we provide this same commitment to our new clients. JWA successfully collaborates with owners, architects and civil, mechanical, electrical and plumbing engineers to provide a coordinated set of construction documents for each project.

Our projects encompass a wide spectrum of projects whether it is new construction, modifications of existing structures, the design of delegated design components (structural steel connections, stairs, guardrails etc), structural condition assessments or site observations of construction.

JWA is also committed to environmentally sustainable buildings and the LEED principles associated with the design, construction and performance of green buildings. JWA has one LEED AP B+CD and one LEED Green Associate on staff and encourages our engineers to pursue LEED accredited professional status.

### Illinois Design Firm 184.00576

### Company Services

JWA provides a broad range of structural engineering services including:

- Feasibility studies
- Schematic design including structural system descriptions
- Structural framing (foundations and superstructure) Analysis and Design
- Preparation of construction documents for new construction or modifications to existing structures.
  - Specifications
  - Structural Design Drawings (AutoCAD 2013 or Revit)
  - List of Special Inspections
- Construction Assistance
  - Review of submittals
  - Site Observations
- As-Built design drawings
- Analysis and design of existing structures for change of occupancy/loading
- Delegated structural engineer of record for design of components (stairs, guardrails, structural steel connections, etc.)
- Structural condition assessments of existing structures.
- Value engineering assistance.

Johnson Wilbur Adams, Inc. – Structural Engineering

175 N. Washington St, Wheaton, IL 60187 • p: 630-653-9060 E-mail: info@jwase.com



# JOHNSON WILBUR ADAMS, INC.

## Structural Engineering

### Key Personnel

#### MICHAEL J. WILBUR, P.E., S.E., SECB, LEED AP BD+C

Mr. Michael Wilbur has over 40 years of structural engineering experience. In his position as Principal, Mr. Wilbur directs all structural design activities for, commercial, industrial, municipal, recreational and private development projects. Mr. Wilbur is responsible for the management of the projects from proposal development through project completion. Activities include scheduling, code review, design and analysis, review of design documents, verification of construction conformance with design documents and quality control and assurance for the structural activities for a project. He has also performed numerous structural condition assessments and prepared due diligence reports for a variety of structures including commercial buildings and bridges.

Prior to joining JWA Mr. Wilbur worked as a Consulting Engineer in the power sector with Sargent & Lundy Engineers in Chicago, IL and in the steel industry with American Bridge Division of U.S. Steel.

**EDUCATION** Bachelor of Science, Civil Engineering, University of Notre Dame,  
1973 Master of Science – University of Illinois,  
Champaign/Urbana, 1980

**PROFESSIONAL AFFILIATIONS** Licensed Structural Engineer / Illinois (081-004248)  
Licensed Professional Engineer / Arizona, Connecticut, District of Columbia, Florida, Illinois, Indiana, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Nevada, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Texas, Utah, Virginia, Washington, Wisconsin.  
Structural Engineers Certification  
Board National Council of  
Engineering Examiners Structural  
Engineers Associates of Illinois LEED  
AP BD+C

#### KENT L. ADAMS, P.E., S.E.

Mr. Kent Adams has over 30 years of structural engineering experience and has acted as senior project engineer for numerous projects with Johnson Wilbur Adams, Inc. He has performed and been responsible for design of municipal, recreational, educational, residential, and commercial projects throughout the United States. Mr. Adams’s responsibilities as a structural engineer include scheduling, code review, design and analysis, review of design documents, verification of construction conformance with design documents and quality control and assurance for all of the structural activities for a project.

Prior to joining JWA Mr. Adams worked as a Consulting Engineer in the power sector with Sargent & Lundy Engineers in Chicago, IL.

**EDUCATION** Bachelor of Science, Civil Engineering, Bradley University, Peoria, IL, 1983

**PROFESSIONAL AFFILIATIONS** Licensed Structural Engineer / Illinois (081-005394)  
Licensed Professional Engineer / Illinois, Mississippi, Louisiana, Kansas,  
Colorado National Council of Engineering Examiners  
American Society of Civil  
Engineers American  
Concrete Institute

Johnson Wilbur Adams, Inc. – Structural Engineering  
175 N. Washington St, Wheaton, IL 60187 • p: 630-653-9060 E-mail: info@jwase.com





## WHO:

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The W-T Group, LLC provides their clients with a one-source design firm to help maintain and streamline all projects from start to finish. With forty-six (46) years of experience, The W-T Group's nine (9) divisions ensure design consistency, clarity, and accuracy in the most cost and time efficient manner. With our well-rounded knowledge in Land Surveying, Civil, Structural, Mechanical/Electrical/Plumbing Engineering, Accessibility Consulting, Innovative Aquatic Design, and Project Management we take quality care in every aspect of a project truly creating a 'One Source. Infinite Solutions.' for all our client's needs.

The W-T Group, LLC offers housing authorities, park districts, municipalities, commercial, retail, and residential clients top quality performance and service. By taking the time to learn a client's goals, while also working closely throughout development process, ensures the needs and expectations of our clients are met from inception of the project until the very end.

## WHY:

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What separates us from our competitors is that we are a mid-size engineering firm with ample resources to complete the large projects; yet small enough so that each team member is hands-on and has an impact on every project.

We respect and understand our clients' budget. From using innovative materials and software to implementing the job right the first time, we believe in giving clients informed decisions that will maximize individual program requirements within budget specifications.

With The W-T Group, LLC's multiple in house divisions, The City of Sycamore can be assured each task on the Sycamore Fire Department Space Needs Study/Facility Study, will have full support and stability, ensuring the scope of the project be completed on time, on budget, and to their specifications.



Engineering with Precision, Pace & Passion.



## MECHANICAL/ELECTRICAL ENGINEERING SERVICES

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Schematic Design	Feasibility Studies
Cost & Estimates	Permitting
Design Development	LEED Design
Bid Assistance	Fire Alarm
Construction Documents	Fire Protection
Construction Management	Heating, Ventilating & Air Conditioning
Construction Observation	Electrical
Existing Conditions Assessments	Plumbing

## DESIGN EXPERIENCE

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Apartments	Medical Facilities
Aquatic Facilities	Office Buildings
Banks	Police Stations
Churches	Public Work Facilities
Condominiums	Recreation Centers
Fire Stations	Restaurants
Grocery Stores	Retail Centers
Hotels / Motels	Schools
Housing Authorities	Village Halls



Engineering with Precision, Pace & Passion.



Village of Mount Prospect  
Fire Station No. 13



## Steve T. Triphahn

CEO/President | Mechanical/Electrical Division

### Bio

Steve has over thirty-four (34) years of experience as a project leader directly responsible for overseeing the design for all mechanical and electrical systems that the Mechanical / Electrical division of The W-T Group, LLC accepts.

Steve is a past President of the Chicago Regional Chapter of the American Society of Plumbing Engineers. He also served on his village Historical Commission for over ten (10) years.

Steve has been responsible for the designs of police stations, fire stations, and park district projects to high rises, retail centers, restaurants, and banks. Steve's knowledge of the industries and experience brings great value to our company.

### Education

Harper College  
Associate Degree  
-Mechanical Engineering

### Project Experience

- Elburn/Countryside Fire Station Headquarters
- Naperville Fire Stations #1, #5, #6, & #10
- Barrington Public Safety Building
- Frankfort Fire Stations #4 & #5
- Lockport Fire Stations #4, #5, & #6

### PROFESSIONAL AFFILIATIONS

- American Society of Heating, Refrigeration & Air Conditioning Engineers
- American Society of Plumbing Engineers
- National Fire Protection Association

### Contact

PH: 224-293-6301  
FX: 224-293-6444  
Email: Steve.Triphahn@wtengineering.com

2675 Pratum Avenue | Hoffman Estates, IL 60192 | [www.wtengineering.com](http://www.wtengineering.com)



## Mark Ventrelli PE

Vice President | Mechanical/Electrical Division

### Bio

Mark has more than twenty (20) years of experience in the Mechanical Engineering field. His responsibilities include initial systems design and preparation of complete contract documents, coordination in the field and with other trades, specifications, and all duties through the construction phase.

Mark specializes in commercial, residential and industrial HVAC systems including heating, cooling, ventilation, refrigeration, hydronic, and piping systems.

Mark has completed designs on condominium buildings, aquatic centers, HVAC equipment replacement projects, etc. Mark's knowledge and experience makes him a key member of our team.

### Education

#### Northern Illinois University

Bachelor of Science  
-Mechanical Engineering

### Professional License

Alabama, Arizona, California, Colorado, Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, Nevada, New Jersey, New York, North Carolina, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Utah, Virginia, Washington, Wisconsin

### Project Experience

- Bartlett Fire Stations #2 & #3
- East Dundee Fire Station Headquarters
- Hoffman Estates Fire Stations #23 & #24
- Plainfield Fire Stations #1, #3, & #4
- Schaumburg Fire Stations #1, #2, & #3

### PROFESSIONAL AFFILIATIONS

- American Society of Heating, Refrigeration & Air Conditioning Engineers

### Contact

PH: 224-293-6322  
FX: 224-293-6444  
Email:  
Mark.Ventrelli@wtengineering.com



## Joe Hainaut, LEED AP

Vice President | Mechanical/Electrical Division

### Bio

Joe has nine (9) years of experience in the plumbing field. His responsibilities include initial systems design and preparation of complete construction documents, coordination in the field and with other trades, specifications and all duties through the construction phase. He also has three (3) years of field experience in estimating, designing and managing plumbing projects. Joe has worked on high rises, aquatic centers, and police stations to recreation centers, fire stations and public works facilities.

### Project Experience

- DuPage Airport Fire Station
- Elburn/Countryside Fire Station Headquarters
- Frankfort Fire Stations #4 & #5
- Huntley Fire Stations #2, #3, & #4
- Naperville Fire Stations #1, #5, #6, & #10

### Education

University of Illinois  
Urbana-Champaign  
Bachelor of Science - Mathematics

### PROFESSIONAL AFFILIATIONS

- American Society of Plumbing Engineers (ASPE)
- U.S. Green Building Council (USGBC)

### Contact

PH: 224-293-6324  
FX: 224-293-6444  
Email: joe.hainaut@wtengineering.com

2675 Pratum Avenue | Hoffman Estates, IL 60192 | [www.wtengineering.com](http://www.wtengineering.com)



## Karl J. Streitenfeld

Chief Electrical engineer  
Mechanical/Electrical Division

### Bio

Karl has over thirty-five (35) years of experience in design, contracting, and management in the electrical field.

Karl has extensive experience in lighting systems, power, service and distribution, fire alarm systems, sound systems, security systems, etc. for local government, commercial, and institutional facilities.

As our Senior Electrical Engineer, he has completed our most complicated projects. Karl has worked on high rises, aquatic centers, and police stations to recreation centers, fire stations and public works facilities. Karl's wealth of knowledge and vast experiences make him a very important component on our team.

### Education

Loyola University

McCormick Junior College

### Project Experience

- Bartlett Fire Stations #2 & #3
- East Dundee Fire Station Headquarters
- Hoffman Estates Fire Stations #23 & #24
- Plainfield Fire Stations #1, #3, & #4
- Schaumburg Fire Stations #1, #2, & #3

### PROFESSIONAL AFFILIATIONS

- National Fire Protection Association
- Illuminating Engineering Society (IES)
- National Electrical Association

### Contact

PH: 224-293-6310

FX: 224-293-6444

Email: Karl.Streitenfeld@wtengineering.com

2675 Pratum Avenue | Hoffman Estates, IL 60192 | [www.wtengineering.com](http://www.wtengineering.com)

## RELEVANT EXPERIENCE

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**Algonquin / Lake in the Hills Fire Station**  
Headquarters Lake in the Hills, IL

**Barrington Public Safety Building**  
Barrington, IL

**Bedford Park Fire Stations #2 & #4**  
Bedford Park, IL

**Cherry Valley Fire Station**  
Cherry Valley, IL

**Downers Grove Fire Station #2**  
Downers Grove, IL

**Elgin Fire Stations #6 & #7**  
Elgin, IL

**Elburn / Countryside Fire Station Headquarters**  
Elburn, IL

**Frankfort Fire Stations #4 & #5**  
Frankfort, IL

**Huntley Fire Stations #2, #3 & #4**  
Huntley, IL

**Mokena Fire Station #3**  
Mokena, IL

**Naperville Fire Stations #1, #5, #6 & #10**  
Naperville, IL

**Plainfield Fire Stations #1, #3 & #4**  
Plainfield, IL

**Schaumburg Fire Stations #1, #2 & #3**  
Schaumburg, IL

**Sugar Grove Fire Station**  
Sugar Grove, IL

**Arlington Heights Fire Stations #3 & #4**  
Arlington Heights, IL

**Bartlett Fire Stations #2 & #3**  
Bartlett, IL

**Bristol Kendall Fire Stations #2 & #3**  
Yorkville, IL

**DeKalb Fire Station #3**  
DeKalb, IL

**DuPage Airport Fire Station**  
West Chicago, IL

**Elmhurst Fire Station #2**  
Elmhurst, IL

**East Dundee Fire Station Headquarters**  
East Dundee, IL

**Hoffman Estates Fire Stations #23 & #24**  
Hoffman Estates, IL

**Lockport Fire Stations #4, #5 & #6**  
Lockport, IL

**Mundelein Fire Station**  
Mundelein, IL

**Palatine Fire Station**  
Palatine, IL

**Romeoville Fire Station #3**  
Romeoville, IL

**Skokie Fire Stations #16, #17 & #18**  
Skokie, IL

**West Dundee Public Safety Building**  
West Dundee, IL



Engineering with Precision, Pace & Passion.



Village of Mount Prospect  
Fire Station No. 13



**Jim Michalik, RCDD**

Expert Knowledge: Cable plant design infrastructure, technology area design, UPS systems, CRAC / HVAC systems, physical security systems, audio-visual and control systems, paging, sound masking, intercom, emergency communications and nurse call systems.

Education: Bachelor of Arts, Loyola University

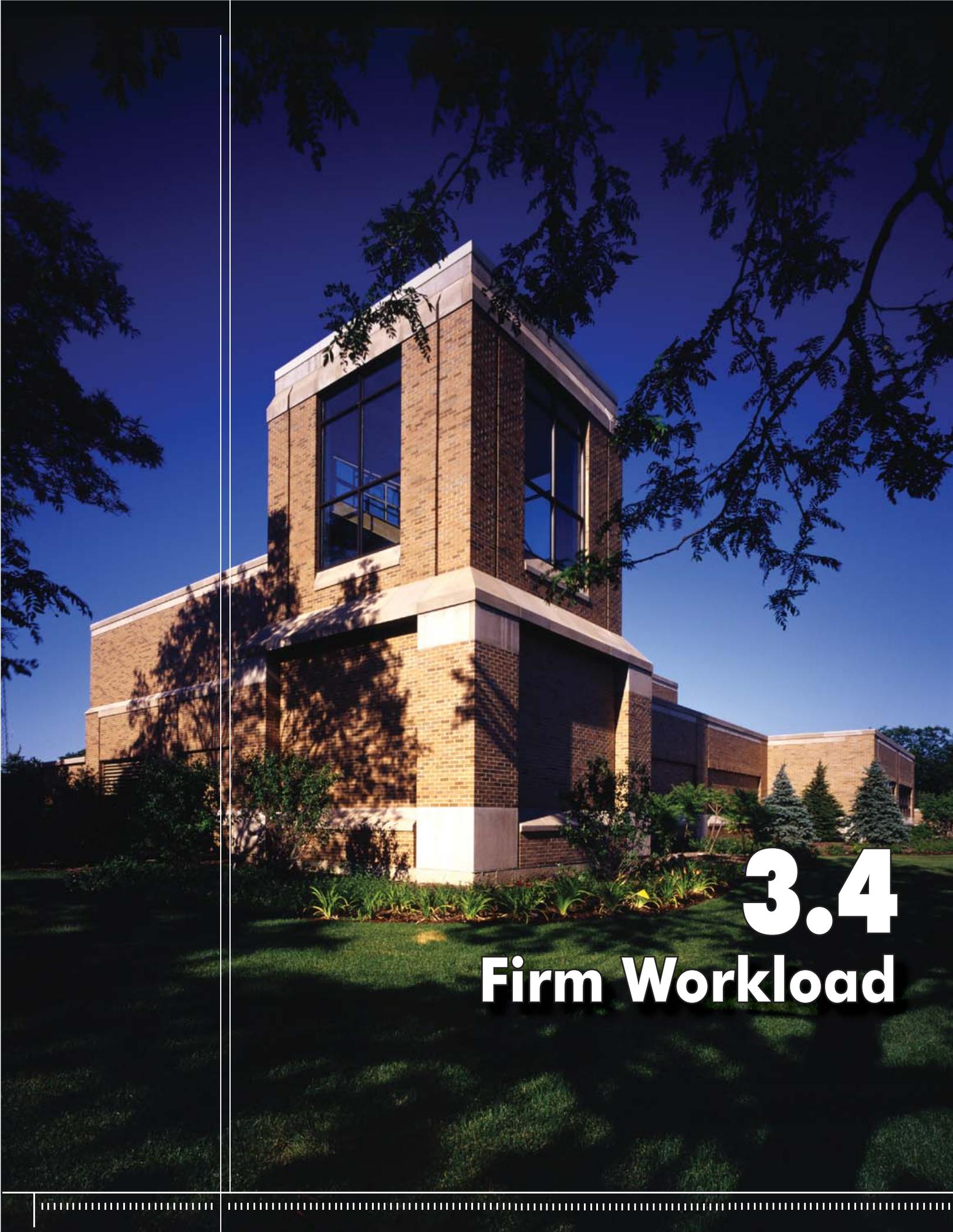
Experience:

Sentinel Technologies	2003 - Present
Baker Robbins & Company	1996 - 2003
Booz Allen & Hamilton	1993 - 1996

Project Experience:

Elk Grove Village Municipal Camera	Village of Glenview - Police Station / Village Hall
City of Oakbrook Terrace Police Station	City of Streator - Police Station
Naperville Park District Police	

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# 3.4

## Firm Workload

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# FIRM WORKLOAD

The following are current projects that involve the key members of our Project Design Team. Please keep in mind that these projects listed below are in various phases, and will not diminish or conflict with the time and attention necessary to provide you with quality architectural services and successfully meet all your project expectations. The team members selected for this most significant project will be available immediately upon the selection of our firm, and are fully prepared to move forward with your Project.

1. Bartlett Park District - Schrade Gym Remodel
2. Village of Bartlett - New Police Station (Construction completion later this year)
3. Oak Brook Police Determtion Zone Renovation (Construction completion in October)
4. Carol Stream Village Hall & Police Addition/Remodel (Construction completetion in October)
5. Waukegan Park District Belvidere Park Aquatic Center
6. Glenview Park District Ice Center
7. Chicago Park District Gately Park Track & Field Facility
8. Surry County, VA Community Recreation Center Study
9. Westerville, OH Community Center Expansion
10. Skokie Park District Maintenance Facility (Completed)
11. Round Lake Area Park District Community Center Lobby
12. Maywood Park District Recreation Center
13. LaGrange Country Club All Seasons Village
14. Carmel Clay West Park "The Groves" Pavilion
15. Villa Park Library Expansion & Renovation
16. Bloomingdale Park District Johnston Recreation Center
17. Schaumburg Park District Jerry Handlon Admin Renovation
18. Schaumburg Park District CRC Lobby & Program Rooms
19. Harris-Elmore, OH Library Expansion & Renovation
20. Portage MI, Fire Station No. 2 (Construction documents completed in July)
21. Centerville Washington Park District, OH Maintenance Facility
22. Sandwich Public Safety Complex (Bidding phase)
23. Funway Entertainment Center Site Master Plan
24. Planet Fitness Elk Grove Relocation No. 1
25. IIT Baseball Stadium Study
26. Geneva Park District Sunset Pool Sprayground and Recreation Center Roof/HVAC Replacement
27. Indianapolis, IN Broad Ripple Park
28. Riverside Municipal Study (minimal team impact)
29. Forest Park Library Roof Replacement
30. New Port Richey, FL Public Library
31. Lincolnwood Proesel Park Bathhouse
32. Indy Parks, IN Windsor Village Splash Pad
33. Schaumburg Park District St. Matthew's ADA Stair/Ramp
34. Mundelein Parks & Recreation Steeple Chase Golf Driving Range

95% of our firm workload is made up of municipal projects.

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# 3.5 References

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# REFERENCES

Williams Architects strives to be a high quality architectural firm as measured by its professional staff, its satisfied clients, its projects, and its success as a business. We encourage you to contact any of the references listed below in regards to our performance on similar projects. Many of our first time clients become "life-time" clients.

## **New Fire Station Headquarters Village of Downers Grove**



REFERENCE CONTACT:

David Fieldman, Village Manager  
630.434.5526

## **New Fire Station No. 24 Village of Wheeling**



REFERENCE CONTACT:

Keith MacIsaac, Fire Chief  
847.459.2662

## **New Fire Station No. 81 Village of Palatine**



REFERENCE CONTACT:

Robert Falardeau, Fire Chief  
847.202.6343

## **New Fire Station No. 4 Huntley Fire Protection District**



REFERENCE CONTACT:

Scott Ravagnie, Fire Chief  
847.5150.8850

## **New Fire Station No. 6. Village of Glenview**



REFERENCE CONTACT:

Ralph Ensign, Fire Chief  
847.724.2141

## **Portage Fire Station No. 2 City of Portage, MI**



REFERENCE CONTACT:

John Podgorski, Sr. Deputy Fire Chief  
269.329.4488

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# 3.6 Proposed Schedule

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# PROPOSED SCHEDULE

## PHASE:

## DURATION:

<b>1</b>	<b>START UP, DATA COLLECTION, AND FACILITY TOURS</b>	2 Weeks
<b>2</b>	<b>SCHEMATIC DESIGN</b>	8 Weeks
<b>3</b>	<b>DESIGN DEVELOPMENT</b>	10 Weeks
<b>4</b>	<b>CONSTRUCTION DOCUMENTS</b>	12 Weeks
<b>5</b>	<b>BIDDING &amp; NEGOTIATIONS</b> <i>(Determined by the CM)</i>	N.I.C.
<b>6</b>	<b>CONSTRUCTION OBSERVATION/ADMINISTRATION</b> <i>(Determined by the CM)</i>	10 -12 Months

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# Forms / Conclusion



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**CERTIFICATIONS BY AE FIRM**

**Eligibility to Contract**

The undersigned hereby certifies that the AE Firm is not barred from bidding on or entering into this contract as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Williams Architects

\_\_\_\_\_  
Name of AE Firm (please print)

\_\_\_\_\_  
Submitted by (signature)

\_\_\_\_\_  
President

\_\_\_\_\_  
Title

**Certificate of Compliance with Illinois Human Rights Act**

The undersigned hereby certifies that the AE Firm is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Williams Architects

\_\_\_\_\_  
Name of AE Firm (please print)

\_\_\_\_\_  
Submitted by (signature)

\_\_\_\_\_  
President

\_\_\_\_\_  
Title

**Certificate of Compliance with Illinois Drug-Free Workplace Act**

The undersigned, having 25 or more employees, does hereby certify pursuant to section 3 Of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Williams Architects

\_\_\_\_\_  
Name of AE Firm (please print)

\_\_\_\_\_  
Submitted by (signature)

\_\_\_\_\_  
President

\_\_\_\_\_  
Title

**Certificate Regarding Sexual Harassment Policy**

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Williams Architects

\_\_\_\_\_  
Name of AE Firm (please print)

\_\_\_\_\_  
Submitted by (signature)

\_\_\_\_\_  
President

\_\_\_\_\_  
Title

## VILLAGE OF MOUNT PROSPECT PROJECT PROPOSAL FORM

We hereby agree to furnish to the Village, services as outlined in the accompanying proposal in accordance with provisions, instructions, and specifications of the Village. This form must be signed by an authorized agent of the Architect. If the Architect is a corporation, the corporate seal must be affixed.

The successful Architect will be required to agree to sign the Village contract and attached appendices (sexual harassment policy, tax liability, etc.).

The proposal shall be binding for ninety (90) days following the proposal due date.

My signature certifies that the Proposal as submitted complies with all terms and conditions as set forth in the Notice of Request for Qualifications for ARCHITECTURAL SERVICES FOR THE NEW POLICE HEADQUARTERS.

I/We certify that I/We am/are authorized to sign as an agent(s) of the firm:

*PLACE CORPORATE SEAL HERE*

By.....: \_\_\_\_\_  
Print Name.....: Mark S. Bushhouse  
Position / Title.....: President  
Company Name.....: Williams Architects  
Address Line 1.....: 500 Park Blvd Suite 800  
City, State, ZIP.....: Itasca, IL 60143  
Telephone.....: 630.221.1212  
Email.....: msbushhouse@williams-architects.com

What separates the Williams Architects Team from its competitors is our in-depth understanding of what it takes to do a project of this type and our hands-on approach by our principals. We are recognized experts in Fire Station / Public Safety Facility Planning. We are comprised of experienced and talented staff with the capacity to meet your goals, and are dedicated to fully achieving your goals. The awards that our projects receive and the references from our clients are a testament to our success.

We understand the importance of seeking a skilled professional team with a quick response, cost control, solid project management, and personal service. We believe the Williams Architects Team incorporates all these benefits into our projects by providing in-house planning, architecture, and construction estimating services that are exact, practical, functional, cost-effective, schedule sensitive, and visually attractive.



Our team is highly confident that we can offer everything the Village of Mount Prospect and this project need to succeed, which we believe distinguishes us from other architects and makes us an excellent fit for this project. As indicated in our response to your request for qualifications, our experience is extensive and boasts a track record that consists of highly successful projects.

Be assured, the Williams Architects Team expresses a commitment to architectural design that emphasizes economy and efficiency, durability and creativity, and satisfaction. We are a client-oriented team, committed to developing a thorough understanding of our clients and their project needs. We will provide a design solution that establish a visual identity in harmony with the environmental context of your project that reflects and respects the character of the Village of Mount Prospect.

Thank you for your consideration.

QUALITY

PEOPLE

SERVICE



500 Park Boulevard, Suite 800  
Itasca, IL 60143  
630.221.1212  
[www.williams-architects.com](http://www.williams-architects.com)

**THE STEWARDS OF YOUR VISION**

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