#### FGM ARCHITECTS

#### **VILLAGE OF LAKE IN THE HILLS**







## LAKE IN THE HILLS POLICE DEPARTMENT

SPACE NEEDS ASSESSMENT



#### **SUBMITTED TO:**

Village of Lake in the Hills 600 Harvest Gate Road Lake in the Hills, IL 60156

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### SECTION 1 EXECUTIVE SUMMARY



View of police station from northeast



View of police station from southwest



View of police station from south

#### Introduction

The Village of Lake in the Hills commissioned FGM Architects to prepare a space needs analysis for the Lake in the Hills Police Department. The goal of this study is to provide the village with information on how to best solve its facility needs for the next 30 years+.

During the course of this study, it became clear that the existing building is working against the police department. Not only is the building too small, but the design of the building is negatively affecting the police department's operations.

The space needs analysis finds that 33,704 sq. ft. – 35,704 sq.ft. of space is necessary for the police department to operate effectively. The existing areas used by the police department is only 17,642 sq.ft. Therefore, the department is currently operating with a 16,062 sq.ft. deficit. Approximately doubling the square footage of the building will provide the optimum amount of space for the department and includes provisions for long-term growth.

The issues of space and police operations will be discussed further following this section and in the report.

#### **Summary of Needs Analysis**

The Lake in the Hills Police Department has an authorized strength of 38 sworn police officers and 9 civilian employees, for a total of 47 staff. The potential for long term growth in the department is modest and includes the addition of 7 sworn officers, and 2 civilian positions. The potential for growth has been factored into the space needs analysis.

The existing police station was envisioned by the village as a short-term solution as evidenced by the space needs analysis performed in 2005. When the police department moved into the entire building in 2002, it was evident that the space was insufficient to meet the needs of the department. At this time, not only is the building too small, but the design of the building is negatively affecting the police department's operations.

During the study, FGM observed how staff members operate within in the building to witness first-hand how dysfunctional the building is for the department. It is unfortunate how the police department has had to adapt many of their procedures to work around building deficiencies. Many of the issues identified have a direct correlation with the amount of space required.

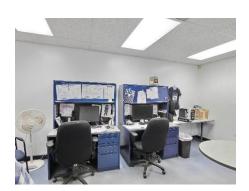
Examples of space and operational issues are discussed in Section 4 and include the following.



View of police station from south parking lot



Narrow corridors in holding facility



Sergeant's workstations

#### Site and Parking Issues

The existing site of the police station has several operational issues that affect operations and the neighborhood. Issues include parking security, insufficient parking, parking lot drives creating "cut-throughs" into the neighborhood, which is a safety issue, and confusion on which entries to use for nighttime reception.

#### Holding Facility

The sally port, booking room, male cells, and interview rooms are as designed when the building was first constructed in 1992 with the exceptions of changes in furnishings made during the 2002 renovation. The holding facilities are outdated and pose safety and security issues for staff and detainees.

#### • Evidence Processing and Storage

The processing and storage of evidence has undergone significant changes since the building was remodeled in 2002. The changes include statutory (legal) and technological changes which require additional space.

#### Locker Rooms

Since the building was constructed, the amount of gear issued to police officers has increased. Lockers now must store a multitude of items, including training manuals, bulletproof vests, specialized protective equipment, and weapons. This has necessitated a need for larger lockers.

There are no toilet facilities within the locker rooms. The toilets are located outside the locker rooms in the semi-public hallway and are shared with the public.

#### Patrol

The patrol division is located on the lower level and is isolated from administration, investigations and records divisions. To access other areas from patrol requires moving through secure holding facility areas.

Officer workspaces are very small and areas such as report writing rooms to discuss issues with visitors privately are non-existent.

#### Investigations

The investigations division is isolated from the patrol division. These two divisions often have to work closely together, therefore, the physical distance separating them is a hinderance.



Records storage in mechanical room



Community relations workstation in investigations workspace



Administrative waiting area in main corridor

The office and workstations are very small and located too close together. Having simultaneous conversations on the telephone is problematic as is a private meeting between the sergeant and an investigator.

There are no provisions for computer forensics workspace. Federal agencies and regional crime labs assisting municipal law enforcement have been inundated by requests to obtain data from mobile devices, including cell phones, leading to long turnaround times, which is detrimental to solving a crime.

#### Records

The records supervisor is losing his office as it is being converted for community relations use. Records clerks workstations are very small for the report work they do daily. Also, as the primary receptionists for the building, they cannot see the entire public lobby which is a security risk.

#### Community Relations

Community relations works with outreach, education, social media, and public information. This is one of the fastest growing initiatives in policing and will likely continue in the future. The police department is reacting by relocating community relations into the records supervisor's office, but additional grown in the future needs to be anticipated.

#### Social Services

Police departments are now responsible for more services to the community including social services/counseling. Social services office is located in a very public location just off the main lobby, which is not ideal for privacy when working with victims or persons in need of counseling

#### • Training

The amount of mandatory training required of police officers is increasing. For example, the Illinois Police and Community Relations Act, Public Act 099-0352, has recently been amended to require specific training on an annual, bi-annual and tri-annual basis and includes annual use of force and scenario-based training. Training spaces need to provide greater flexibility for different types of training programs, including classroom, defensive tactics, and scenario-based training.

#### Administration

The administration division is isolated from Patrol and dedicated space should be provided for storage of sensitive information.



Main corridor of police station



Lower level access – note that it is difficult to see people in this area



Computer equipment – note drip pan to prevent leaks from damaging equipment

#### Safety and Security

The importance of building safety and security has greatly increased since the building was constructed, especially with recent active shooter incidents occurring within public buildings. Modern police stations are designed with multiple levels of security depending on the security requirements. The overall security of the police station needs to be improved.

#### • Employee Expectations

With new generations of employees comes increased expectations of job amenities. Spaces such as wellness, breakrooms, and quiet rooms have put the police department behind when recruiting new employees.

#### Accessibility Requirements

Since the existing building was remodeled, laws governing accessibility requirements have since been updated, including the Illinois Accessibility Code and the Americans with Disabilities Act (ADA). The changes to the laws have required more space for persons with disabilities.

The issues identified above provide an overview of some of the operational and space issues the existing building suffers from. Correcting these deficiencies will require additional space and a reorganization of the police station.

#### Parking Analysis

As part of the needs analysis, it is necessary to determine the parking requirements for the entire building. To perform this analysis, we reviewed projected parking requirements and then compared the requirements with the actual parking counts.

<b>Total Police Department Staff Parking Required</b> (At Peak Demand)	53
Visitor and Meeting / Training Parking Required	40
Total Parking Required	93

#### **Project Goals**

The primary goal of this study is to provide the village with options on how to solve the space needs requirements for the police department, which will meet the village's needs long term (30 years +).

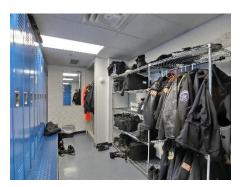
See Section 3 beginning on page 14 for additional information regarding goals and questions the village wanted addressed in the study.



Patrol office radio charging and refrigerator area



Interview room used for storage



Men's locker room

#### **Methodology of the Study Process**

#### **Needs Analysis**

FGM obtained information for this study through information provided and through a series of interviews and discussions with staff that took place over four days. The interviews consisted of meetings with individuals and groups representing all divisions and shifts of the police department and village staff to obtain direct feedback from the users and staff responsible for maintaining the facility. FGM toured the existing building and observed how staff members operate within it to gain further insight into operational issues and space needs requirements. See Section 2 beginning on page 11 for additional information.

All information was gathered and then analyzed to determine the police department's space needs requirements. The analysis was then summarized into a projection of space requirements called a Program Statement. The Program Statements located in Section 4 of this report on page 29, are the final product of the space needs analysis portion of the study.

While this study was performed in a very collaborative manner with staff members, FGM consistently reviewed space requests and operating assumptions to ensure that the recommendations reflect the true needs of the Department.

#### History

The Lake in the Hills Police Department currently occupies 17,642 square feet of space in four different structures as identified below.

Total Area Occupied by Police Department	17,642 sq.ft.
2 Oak Annex Garage	<u>528 sq.ft.</u>
2 Oak Annex	2,552 sq.ft.
Safety Education Center (SEC)	2,400 sq.ft.
Existing Police Station	12,162 sq.ft.

The existing police station is located at 1115 Crystal Lake Road. The main operations of the police department take place within this facility. The building was originally designed as a combined village hall and police station in 1992. The building originally had the village hall on the upper level and the police station on the lower level without any means of internal access between levels.

After the village hall was relocated to a new facility in 2002, the building was renovated for police department use and an addition was added to allow access between floors.



Evidence property custodian work area



Sump pump in evidence property custodian work area



Evidence storage

Only minor improvements have been made to the police station since 2002 to accommodate the police department's operational changes. At this time, the existing facility is less than ideal in terms of space, workflow and parking.

See Section 5 beginning on page 40 for additional information.

#### **Conceptual Solutions**

Prior to developing actual solutions to solve the space needs issues of the police department, it helps to identify what the potential options are.

#### **Potential Concepts**

- 1. Renovate and add an addition to the existing police station.
- 2. Build a new police station on the existing police station site.
- 3. Renovate and add an addition to the existing Village Hall for the police station.

For detailed information about each concept, see Section 6 on beginning on page 46.

#### **Project Budgets**

As part of this study, FGM has provided conceptual budgets to implement a project.

Costs are based on a quality municipal structure that will be serviceable for 30+ years assuming an appearance and use of materials that are complimentary to other municipal facilities in Lake in the Hills.

Costs are based on a spring/summer 2021 construction start. Budgets will need to be escalated for inflation as required annually after that time frame. Cost ranges have been provided as design work is no actual design work has been performed.

Project Budgets are located in Section 7 on page 79.

#### **Recommendations**

Only one of the concepts discussed in Section 7 will meet all of the long-term needs of the police department including parking requirements: Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police station.

There are many benefits to this option that were highlighted in Section 7. Some of the most compelling reasons are as follows:

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Long term evidence storage at 2 Oak Annex

- This option brings together village hall and police department services under one room, which enhances staff efficiency, safety, and service to the community.
- The location of the police station is better suited for access to all parts of the village than in its current location.
- By having the police department and village hall share space, less new construction is necessary to meet the long-term needs, thus reducing costs.

For these reasons and many others, FGM recommends the village pursue Concept 3 to meet the long-term needs of the police department and the goals established by the Village.

Once the space needs are approved and the Village is ready to move forward, FGM Architects is prepared to assist the Village of Lake in the Hills with the next steps.

## SECTION 2 PROJECT UNDERSTANDING AND METHODOLOGY

#### **Overview of Study Process**

For over 25 years, FGM Architects has provided consulting and architectural design services to municipalities for public safety projects and has worked on more than 170 police station projects. FGM brings a vast amount of knowledge and understanding to this project through previous experience but understands that each village has its own unique challenges and goals. Therefore, there is no cookie-cutter project or client and we must work with police department staff members to understand their operational issues.

The goal of this study is to provide the village with information on how to best solve the police department's facility needs long term (30 years+). The existing police station is located at 1115 Crystal Lake Road. The main operations of the police department take place within this facility. The department also utilizes space within three other structures. Currently, the lack of space and inefficient building layout is negatively affecting the police department's operations.

The village is pursuing this study because it recognizes that there are many operational issues caused by the police station and supporting facilities. In addition, there have been maintenance issues due to the building's age. For example, the basement was flooded due to a broken watermain. Therefore, instead of just continuing operations in a status quo manner, it makes sense to review the police department's overall facility needs so a holistic long-term solution can be determined.

#### **Analysis of Space Needs**

FGM obtained information for this study through data and documents provided and through a series of interviews and discussions with staff. The information provided included:

#### **General Information**

• Existing Building Drawings

#### **Police Department Information**

- Staff Organization Chart
- Functional Organization Chart
- Standard Operating Procedures
- Police Department Vehicle List
- Inventory of Existing Equipment

#### **Village Information**

 Lake in the Hills 2002 Comprehensive Plan, Amended April 25, 2013

#### **Staff Interviews**

The interviews consisted of 27 meetings with individuals and groups representing the police department that took place over four days and included the following:

#### **Police Department**

- Police Chief
- Administrative Specialist
- Deputy Chief, Patrol Services
- Patrol Sergeants (all shifts)
- Patrol Officers (all shifts)
- Community Service Officers
- Deputy Chief, Support Services
- Investigators
- Community Relations / Communications Coordinator
- Records Supervisor
- Records Clerks
- Social Services Coordinator
- Training
- Evidence Custodian
- Evidence Technicians

#### **Village Departments**

Information Technology

FGM toured the existing facilities and observed how staff members operate within it to gain further insight into operational issues and space needs requirements.

All information was gathered and then analyzed to determine the police department's space needs requirements. The analysis was then summarized into a projection of space requirements called a Program Statement. The Program Statements, located in Section 4 of this report, are the final product of the needs analysis portion of the study.

While this study was performed in a very collaborative manner with staff members, FGM consistently reviewed space requests and operating assumptions to ensure that the recommended space size allotments reflect accurate needs.

#### **Conceptual Solution Development**

The village identified three potential solutions to be reviewed as part of this study.

1. Use the existing police station as part of a solution. This will require adding an addition to the building.

- 2. Replace the existing police station on the existing site. This will require the police department to move out during construction.
- 3. Add a police station addition onto the village hall. The rationale for exploring this potential solution are as follows:
  - a. The location would be better for the police department to serve the entire village
  - b. There may be some spaces that can be shared, thus reducing the amount of new construction
  - c. No additional land acquisition would be required

To determine if potential solutions are viable, FGM's design utilized the space needs programs developed in Section 4 to generate initial concepts. The concepts were then reviewed with the village. Viable solutions were further refined. If the solutions were not viable, they were also illustrated to explain the reasons why they did not meet the needs of the police department. Potential solutions are discussed in Section 6.

#### **Budgeting Methodology**

When the conceptual site and floor plan layouts were completed, budgets were developed for the project. The initial budgets developed provide for a good quality municipal structure subject to 365/24/7 use with an appearance that will meet the village's design guidelines as stated in the Comprehensive Plan. Budgets for this project are in Section 7.

FGM has an extensive database of cost information and used cost per square foot estimates as the budgeting methodology for the conceptual budgets. To verify budgets, FGM also consulted with local area builders. Because no actual design work has been performed, a budget range is provided for construction costs as well as a Total Project Budget.

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# SECTION 3 PROJECT GOALS AND QUESTIONS TO BE ANSWERED

#### **Project Goals**

For every project, it is important to establish clear goals which will be utilized to guide the direction of the solutions and decisions throughout the project. The following goals were identified by village and police department staff.

The primary goal of this study is to provide the village with options on how to solve the space needs requirements for the police department, which will meet the village's needs long term (30 years +). Other goals established by the village include:

- 1. Any solution must address security and safety concerns.
  - a. Currently, police and personal staff vehicles are parked in the open with no security and they have experienced damage in the past
  - b. The visitor parking lot is on a hill which is dangerous
- 2. Address immediate needs:
  - a. Locker rooms are severely undersized
    - i. There are no toilet facilities within the locker rooms
    - ii. Lockers are too small to hold all the gear required
    - iii. There is no privacy to the showers
  - b. Prisoner processing is too small and dangerous if a detainee becomes struggles or becomes violent
  - c. Evidence Issues
    - i. Evidence storage is out of space
    - ii. Evidence processing / Identification requires secure, proper space to perform required tasks
- 3. Address space issues:
  - a. Investigations workspace is too small
  - b. Interview room is within Investigations and is too close to staff workstations. Staff need to move out during an Interview
  - c. A soft interview room is required
  - d. Space is needed for on-line training and digital outreach programs
  - e. Workstations in Records are too small for effective workspace
- 4. Make the police station user friendly. Currently, the building has two lobbies which is confusing to visitors when not staffed.
- 5. Solutions must be cost effective

#### Questions to be Answered

To allow for an informed decision-making process, it is important to identify the questions the village requires answers to as part of this study. The following questions were identified from meetings with the village. A brief answer to each question has been provided in red italic type.

1. How much would a solution cost to address the immediate needs of the police department using the existing building as part of the solution?

See Sections 6 and 7 for discussions and costs regarding Concept 1 - Renovate and Add an Addition to the Existing Police Station. The immediate needs of the department include addressing the lockup and holding, evidence, and locker room areas. If only these areas are addressed, it becomes another stop gap solution and does not fulfill the long-term needs of the police department.

2. Can the existing police station be part of a long-term solution? If so, what is the cost of the addition and renovation work versus a new building?

See Section 6 for discussions regarding Concept 1 - Renovate and Add an Addition to the Existing Police Station. Using the existing police station as part of a long-term solution will not work as the site will not support the space needs requirements and parking required.

3. Is the current location the best place in the village for a police station?

This is discussed in Section 6 as part of Concept 2 - Build a New Police Station on the Existing Police Station Site. The existing police station is in a residential neighborhood which is not ideal due to potential for high speed emergency response and release of detainees from the station.

During major storm events, flood maps show how the police station becomes isolated from many parts of the Village making policing services more difficult.

4. Are there other space opportunities within the village for a police station?

The village space assessment team discussed this issue and identified the existing village hall site as a potential for the police station. In Section 6, Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police Station, the discussion highlights several compelling reasons why the village should consider utilizing the village hall site.

## SECTION 4 ANALYSIS OF SPACE NEEDS

#### **Summary of Analysis**

As of the date of this report, the Lake in the Hills Police Department has an authorized strength of 38 sworn police officers and 9 civilian employees, for a total of 47 staff. Patrol Officers work 12-hour shift and all other staff work 8-hour shifts. The potential for long term growth in the Department is modest and includes the addition of 7 sworn officers, and 2 civilian positions. The potential for growth has been factored into the space needs analysis.

The existing police station was envisioned by the village as a short-term solution as evidenced by the space needs analysis performed in 2005. When the police department moved into the entire building, it was evident that the space was insufficient to meet the needs of the Department in 2002. At this time, not only is the building too small, but the design of the building is negatively affecting the police department's operations.

The space needs analysis finds that 33,704 sq. ft. – 35,704 sq.ft. of space is necessary for the police department to operate effectively planning for the long term, which is defined as 30 years+. The existing areas used by the police department is only 17,642 sq.ft. Therefore, the Department is currently operating with a 16,062 sq.ft. deficit. Approximately doubling the square footage of the building will provide the optimum amount of space for the Department and includes provisions for long-term growth.

#### **Police Department Growth Potential**

The police department has identified potential future staff growth of 7 sworn officers, and 2 civilian positions. Staff growth can occur for a number of reasons, such as an increase in programs or responsibilities undertaken by the Department, an increase in demand for services, changing types of crimes, or an increase in population which increases the calls for service. It is extremely difficult to project increases in future programs and responsibilities and crime. However, it is possible to review potential population growth.

From a historical perspective, the population of the Village of Lake in the Hills in 2002 was 26,445 and 28,835 in 2018 from United States Census Bureau estimates.

The village's population is expected to grow at a modest pace. The village has some areas of potential development and the growth potential is supported by the following data:

#### United States Census Bureau Data

• 2010 Census Bureau Population Census:

28,965



View of police station from southeast



Police station parking lot to south



View of police station from west

#### Chicago Metropolitan Agency for Planning (CMAP)

 2050 Forecast of Population, Households and Employment

33,689

If the CMAP forecast is accurate, the village's population will increase by 16.3% over the next 30 years. This would support the modest potential growth anticipated by the police department that has been factored into the space needs projections.

#### Why More Space is Necessary

During the study, FGM observed how staff members operate within in the building to witness first-hand how dysfunctional the building is for the Department. It is unfortunate how the police department has had to adapt many of their procedures to work around building deficiencies. Many of the issues identified have a direct correlation with the amount of space required.

As previously stated, the existing police station was envisioned as a short-term solution in 2002. When the police department moved into the entire building, it was evident at that time, that the space was insufficient to meet the needs of the Department in 2002. Currently, not only is the building too small, but the design of the building is negatively affecting the police department's operations.

Examples of space and operational issues will be discussed in the following section.

#### **Space and Operational Issues**

#### • Site and Parking Issues

The existing site of the police station has several operational issues that affect operations and the neighborhood.

 Parking for police vehicles, staff, and public are all comingled. It is now common to have secure parking for police and staff personal vehicles.

Patrol vehicles are parked in an open parking lot with staff and public parking. This leaves the vehicles exposed to the elements as well as to vandalism. Today's patrol vehicles contain equipment that is very costly and sensitive to extreme temperatures. Having at least a portion of the vehicles in secure parking is a best practice.

We have been told by police department staff that their personal vehicles have been vandalized in the past as there is no secure staff parking.



Main police station entry and daytime reception



Lower level police station entry and nighttime reception



Aerial photo of site showing how parking lot drives can be used as "cut-throughs" to neighborhood

- There is not enough parking when there are training and community events. During these events, cars are parked throughout the neighborhood.
- The configuration of the parking lot drives creates "cutthroughs" into the neighborhood, which can be a safety issue due to more people driving through the parking lot. Children and teenagers also often cut through to access the neighborhood or police station to use the toilet rooms.
- The site slopes significantly from the north to south. The main visitor parking is on a hill which can make parking difficult for visitors.
- Originally, the police station entrance was located on the lower level. When the building was remodeled, the main entrance was relocated to the main level. However, due to the department operations, nighttime reception, after 7:00pm, takes place on the lower level, which is confusing to patrons.

#### Holding Facility

The sally port, booking room, male cells, and interview rooms are as designed when the building was first constructed in 1992 with the exceptions of changes in furnishings made during the 2002 renovation. As part of the 2002 renovation, a female holding cell and juvenile holding rooms were constructed in existing spaces.

A sally port is a secure garage used for safe transfer of detainees from a vehicle to the lockup area. Currently, the Sally Port is also used for evidence processing (identification work) and maintenance storage. Not only is the potential for the chain of evidence custody jeopardized, there are tools used by evidence technicians present that can be used as weapons, which poses a danger to officers.

In addition to the evidence processing areas, there are many items stored in the Sally Port which reduces the space available for defensive tactics if a detainee struggles. This poses a liability risk to the village as it is the police department's responsibility for the well-being and safety of detainees.

When the police station Lockup area was originally constructed in 1992, arrest procedures were much simpler

## LAKE IN THE HILLS POLICE DEPARTMENT SPACE NEEDS ANALYSIS



Booking room with evidence pass through lockers



Booking station with electronic fingerprint station and breathalyzer testing machine



Holding cell

and procedures such as Live scan fingerprinting, which is used to capture fingerprints electronically, was considered new technology and not widely used. As booking procedures changed with technology, more space became necessary.

- The booking room is very small and there is not enough space for an officer to maneuver if a detainee becomes violent. The police Department has experienced officers getting injured in the booking room during a struggle. In a modern police station, booking rooms have enough space to allow an officer to utilize defensive tactics training to safely restrain a detainee.
- The booking room only has enough space for one detainee to be processed at a time. It is not unusual to have multiple arrests at an incident and the inability to process multiple prisoners is inefficient and keeps officers in the Station longer and away from their patrol assignments.
- The breathalyzer for testing blood alcohol levels is also located in the booking room. Best practices dictate that Breathalyzer testing be separated from other work areas to avoid potential air contamination.
- The evidence transfer lockers are in the booking room. This
  is an awkward situation as officers package evidence in
  other parts of the building and then must access a secure
  area to drop off the evidence for storage or further
  processing.
- Staff must travel through the secure holding area to move between floors of the police station. This layout has staff moving through three secure doors before they can access staff areas on either the upper or lower level.
   Furthermore, if there is a detainee being interviewed or a juvenile being held, officers must also store their firearms prior to moving between floor.
- Corridors leading to the holding cells are very narrow. Like the booking room, officers need to have enough space to allow use of defensive tactics to safely restrain a detainee.
- Prisoners are generally released through the Sally Port and are often escorted to the east parking lot. This procedure requires officers to travel outside of the police station, unarmed, past several blind spots. Modern police stations



Holding cell – note cuff ring which can be used as a hanging point



Evidence processing (identification) area in sally port



Evidence property custodian workspace

have separate prisoner release and bond out areas, which release away from public spaces.

- While adequate in size, the holding cells need to be modified to have anti-ligature (hanging) fixtures.

#### • Evidence Processing and Storage

The processing and storage of evidence has undergone significant changes since the building was remodeled in 2002. The changes include statutory (legal) and technological changes which require additional space.

- More space is needed for evidence storage. Statutory changes have greatly increased the length of time that evidence must be kept; in some cases, evidence is now required to be kept forever. The increased retention requirements mean that police departments take in much more evidence on an annual basis than they can dispose of. The Lake in the Hills Police Department is running out of evidence storage space.
- Evidence intake processing is very small, which makes working conditions very difficult. The evidence intake room also shares space with an ejector pump, which is not ideal as it is best practice not to comingle water and wastewater lines with evidence storage areas.
- There is not a dedicated evidence packaging space where officers can package evidence prior to placing in the evidence transfer lockers for storage. Currently, officers package evidence either in the evidence processing area in the sally port or in the patrol room where they hold briefings and eat lunch or dinner.
- Evidence Processing (Identification): When the police station was designed, there was no dedicated space for analysis of evidence. The current evidence processing area is in the Sally Port. The work performed by the police department includes collection of latent fingerprints, presumptive drug testing, collection and preservation of evidence, and forensic photography, which ideally is conducted in a secure, clean space to prevent tampering and contamination of evidence. The sally port is not ideal for this type of work.

#### Locker Rooms

 Since the building was constructed, the amount of gear issued to police officers has increased. Lockers now must store a multitude of items, including training manuals,



Evidence storage room



Men's locker room – note small lockers



Women's locker room shower used for storage

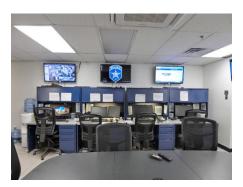
bulletproof vests, specialized protective equipment, and weapons. This has necessitated a need for larger lockers. Today, the smallest locker typically provided for police officers is 24" wide x 24" deep. The existing lockers are 12" wide x 18" deep.

The locker rooms are located off of a semi-public hallway. The locker room doors are fitted with locks for security, but this is still not a good situation as an officer coming out of the locker room may not be aware of a visitor in the police station.

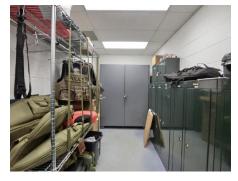
- There are no toilet facilities within the locker rooms. The toilets are located outside the locker rooms in the semipublic hallway and are shared with the public. Ideally, there would be separate staff and public toilet facilities.
- The toilet rooms do not meet current accessibility codes.
   Accessibility codes have dictated the size of toilet rooms be increased to accommodate persons with disabilities.

#### Patrol

- The patrol division is located on the lower level and is isolated from administration, investigations and records divisions. To access other areas from patrol requires moving through secure holding facility areas.
- Report writing rooms are required. It was observed that when a citizen is making report at the police station, there is very little privacy. Reports are taken in the lobby. If they are brought into a conference or other meeting space, they must pass through the secure staff work areas of the police station and can possibly overhear sensitive discussions. From a citizen's perspective, it is not a comforting environment for making a report.
- Patrol officer workspace is very small given the number of staff in Patrol.
- After the 911 operations were moved to CenCom E911 Public Safety Communications Center, the patrol division took over the former dispatch center space for report writing, roll call, break room, and evidence packaging functions. In modern police stations, as a minimum, the break room and evidence packaging functions would be in separate dedicated spaces.



Patrol office



Patrol equipment issue and armory storage



Investigations workstations

- Equipment issue and armory are combined into one space. Typically, they are separated for functional and security issues.
- The equipment issue and armory room is very narrow, which makes equipment issue difficult. At the beginning and end of each patrol shift, multiple officers check out and return equipment in this room.
- Due to the lack of storage, functional areas, such as interview rooms and locker room showers have been converted into storage rooms.

#### Investigations

- The investigations division is isolated from the patrol division.
   These two divisions often have to work closely together,
   therefore, the physical distance separating them and the need to move through secure holding areas, is a hinderance.
- Workstations within Investigations are very small. With the increase of financial crimes, such as online scams and credit card fraud, investigators now work less in the field and spend more time working on multiple cases in the station. To help investigators be more effective, larger workstations are required.
- The investigations sergeant's office is very small, which problematic when the sergeant wants to have a private conversation with another staff member.
- Workstations are very close together which is problematic when the investigators are on the phone at the same time.
   Increasing the spacing between investigators will help with noise issues.
- There is one interview room within the police station that is capable of video and audio recording. It is located off of the main corridor in Investigations which can pose a security risk. The interview room opens up adjacent to the investigations and community relations workspace, allowing an interviewee an opportunity to see and hear what staff is working on.
- Investigators bring detainees from lockup to the interview room so they can be interrogated in a different environment, which can be very effective when seeking information. The problem is that the interview rooms are located upstairs and moving detainees from one floor to another poses a security risk. Another issue is the interview room is located off the main corridor, which is semi-public.



Investigations sergeant's office



Interview room in investigations



Records reception workstation

- The interview room is not sound isolated, so an interview can be heard from outside the room.
- The interview room is very small, which is not conducive to interviews with more than two people in the room.
- A soft interview room should be provided. There are many studies that show interrogations within a soft interview room can be more effective that interviews in "hard" or traditional interview rooms. This type of interview room can also be used as a "victim room," where the Department can work with a victim without making him/her feel like a criminal.
- There is no provision for computer forensics workspace.
   Federal agencies and regional crime labs assisting municipal law enforcement have been inundated by requests to obtain data from mobile devices, including cell phones, leading to long turnaround times, which is detrimental to solving a crime.

The growth of cybercrime has been described by security experts as "relentless" and "ruthless", with damages expected to exceed \$6 trillion globally by 2021.

Policing is adapting with increasing use of specialized computers and equipment for data recovery, crime analysis, and on-line crime issues, which requires additional secure space.

There is no major case meeting / work room. Investigations requires access to a large, secure working space which can be dedicated for up to a month for a regional task force of investigators.

Investigations requires additional storage space to provide proper secure equipment storage.

#### Records

- The records supervisor's office is being converted to a community relations office. The record's supervisor will be moving to a small workstation within records.
- Workstations are very small. Records clerks process many documents on a daily basis and require larges workstations to be efficient.
- Records also functions as the primary daytime reception for the police department. It is difficult to see the entry vestibule from the reception window which poses a security risk.



Records file storage



Community relations storage at the Safety Education Center



Meeting and training room

#### Community Relations

- Community relations works with outreach, education, social media, and public information. This is one of the fastest growing initiatives in policing and will likely continue in the future. The police department is reacting by relocating community relations into the records supervisor's office, but additional grown in the future needs to be anticipated.
- Community relations requires more storage to hold items used for events and education.

#### Social Services

- Police departments are now responsible for more services to the community including social services/counseling.
- Social services office is located in very public location just off the main lobby, which is not ideal for privacy when working with victims or persons in need of counseling

#### Training

- The police department uses the training room within the police station and the Safety and Education Center. When classes are being hosted, there is not enough parking.
- Training functions do not have enough support spaces with includes toilets, break area, lobby space and storage.
- The amount of mandatory training required of police officers is increasing. For example, the Illinois Police and Community Relations Act, Public Act 099-0352, has recently been amended to require specific training on an annual, bi-annual and tri-annual basis and includes annual use of force and scenario-based training. Training spaces need to provide greater flexibility for different types of training programs, including classroom, defensive tactics, and scenario-based training.
- A dedicated defensive tactics space (mat room) is required. The police department conducts this type of training regularly. Currently, the Department uses the Safety and Education Center for this type of training which is not ideal as floor padding needs to be set up for each use and the walls are not padded.

#### • Administration

- The administration division is isolated from Patrol.



Training room at Safety Education Center



Administrative file storage in stairwell



Main and lower level public entries to police station

 Dedicated space should be provided for storage of sensitive information. Many files are in offices or in the stairwell instead of a central location

#### Safety and Security

- The importance of building safety and security has greatly increased since the building was constructed, especially with recent active shooter incidents occurring within public buildings. Modern police stations are designed with multiple levels of security depending on the security requirements. For example, the lobby areas are very public, and the evidence storage is very secure.

There are several safety and security issues with the existing police station that warrant additional space.

Once inside the police station, one has access to much of the building. There are no separate "semi-public" areas, such as conference rooms, where a person can meet with police Department staff for a conversation without having access to the rest of the building.

From the front desk, it is very difficult to monitor the entire lobby. There are blind spots, which cannot be seen, creating a security issue.

When a person needs to speak to records staff, the conversations are held in the public lobby as there is not a secure transaction counter where this interaction can occur.

#### • Employee Expectations

- With new generations of employees comes increased expectations of job amenities. Spaces such as wellness, breakrooms, and quiet rooms have put the police department behind when recruiting new employees.

#### Accessibility Requirements

 Since the existing building was remodeled, laws governing accessibility requirements have since been updated, including the Illinois Accessibility Code and the Americans with Disabilities Act (ADA). The changes to the laws have required more space for persons with disabilities.

The laws apply to municipalities and are intended to provide equal access to services and functions for the public which include visitors, vendors, and other users, employees, and even detainees and persons under arrest.

### LAKE IN THE HILLS POLICE DEPARTMENT SPACE NEEDS ANALYSIS



Locker room access off semipublic corridor on lower level



Women's locker room – note how small and inaccessible the space is

The laws are applicable to police departments as there may be civilian employees with a disability or sworn staff on light duty with a temporary disability.

These laws require more space for accessible routes (entries, corridors and stairways), workspaces, and support spaces (toilet and locker rooms).

Many rules govern when compliance with accessibility standards is required. Generally, if a space is renovated, including any change in flooring, such as a carpet replacement, it is required to be brought into compliance with the Illinois Accessibility Code. Non-compliance with the requirements can subject the village to a lawsuit by the U.S. Department of Justice or the Illinois Attorney General, who has been aggressively enforcing compliance on municipalities.

The issues identified above provide an overview of some of the operational and space issues the existing building suffers from. Correcting these deficiencies will require additional space and a reorganization of the police station.

## SECTION 4 ANALYSIS OF SPACE NEEDS – PARKING

#### **Parking Analysis**

As part of the needs analysis, it is necessary to determine the parking requirements for the entire building. To perform this analysis, we reviewed projected parking requirements and then compared the requirements with the actual parking counts.

#### **Summary of Findings**

Peak demand for the police department is during the afternoon shift change, between 2:00 pm and 3:00 pm. At this time, administrative and daytime personnel are working and patrol shifts coming on and leaving need to be accounted for. If the police department hosts a training class or community function during this time, parking is an issue as there is not enough parking.

Parking at the existing building is located is several areas. Total offstreet parking available for the police station is 78 spaces. There are an additional 10 spaces at the Safety Education Center directly south of the police station.

#### **Police Department Parking**

Police Department Vehicles	Spaces
Patrol Vehicles	14
Administrative Vehicles	3
Support Services Vehicles	3
Total Police Vehicles	20
Staff Parking	Spaces
Peak Staffing	30
Take Home Vehicles	(3)
Total Police Vehicles	27
<b>Total Police Department Staff Parking Required</b> (At Peak Demand)	53
Visitor and Meeting / Training Parking Required	40
Total Parking Required	93
Other Parking Needs Command Vehicle Speed Trailer Speed Trailer / Message Board	1 1 1

#### FGM ARCHITECTS

## LAKE IN THE HILLS POLICE DEPARTMENT SPACE NEEDS ANALYSIS

Total Other Parking Required	5
16' Patrol Boat	1
Utility Vehicle	1

This parking is accommodated for in warm, secure storage areas. Currently, the parking is in the 2 Oak Annex, 2 Oak Annex Garage, and at Public Works.

## LAKE IN THE HILLS POLICE DEPARTMENT SPACE NEEDS ANALYSIS

## SECTION 4 ANALYSIS OF SPACE NEEDS PROGRAM

Following this page is the police department space needs program referenced in Section 4.

Police Department Space Needs Program

Pages 1-10

Note that Space Needs Programs attempt to compare the size of existing space to space required. In many cases, it is difficult to provide an "apples to apples" comparison because many spaces accommodate more than one function in the existing building. Therefore, we suggest using the space comparison as a general comparison only.

Village of Lake in the Hills			FGM ARCHITECTS
Police Department			June 12, 2019
Space Needs Program			FGM #: 19-2668.01
Room/Area/Space	£. ₽.		Notes
A PILBIC ENTRY / PILBIC ACCESS APEAS	Existing	Current	
1.0 Entry Vestibule	119	80 Existing Sa. Ft. includes both upper and lower levels	and lower levels
2.0 Lobby	è	300 Provide seating for (4-6)	
3.0 Information Kiask	707	40 Area for information / service kiosk	
4.0 Report Writing Rooms		Incarparate into one of the Citizen Report Rooms above	Report Rooms above
5.0 Small Report Room			
6.0 Large Report Room	,	250   Seating for (6-8)	
7.0 Displays	•		
8.0 Public Tailets (2) required	78	128 Single user toilets off the lobby	
9.0 Public Entry / Public Access Areas Sub-Total	461	910	
	204	319	
11.0 PUBLIC ENTRY / PUBLIC ACCESS AREAS TOTAL	999	1,229	
B. COMMUNITY/TRAINING ROOM			
1.0 Training Room Lobby		400 Allow tor Training Room to be isololated from Public Lobby	ated from Public Lobby
2.0 Training Room / Community Room	1,016	1,200 Seating for (40) people in classroom format, dividable	n format, dividable
3.0 Audio/Visual Equipment	,	25 Closetfor Audio/Visual Equipment	
4.0 Storage	37	80 General storage	
5.0 Table and Chair Storage	,	150	
6.0 Credenza Storage Counter	,	100 Long counter w/storage cabinets for Community/Training Room	x Community/Training Room
7.0 Kitchenette	,	150 To support Community/Training room functions	m functions
8.0 Community/Training Room Toilets	,	450 Men's: 2 toilets, 2 uinals and 2 lavs. Women's: 3 Toilets and 2 lavs.	Women's: 3 Toilets and 2 lavs.
9.0 Community/Training Room Sub-Total	1,053	2,555	
	467	894	
11.0 COMMUNITY/TRAINING ROOM TOTAL	1,520	3,449	
NOTIFICATION OF THE PROPERTY O			
)	720		
)	/07	223 Desk, crederiza, son sediirig drea, sitiali conii, iable, bookcases	Trail corn, lable, bookcases
2.0 Closet	7		
ă	72	185 U shaped workstation, (2) guest seats, lateral file	ats, lateral file
4,0 Close†	•		
Ŏ,	221	185 "U" shaped workstation with "P" top or cont. table for (4), lateral file	or cont. table for (4), lateral file
6.0 Close†	,		
9.0 Administrative Assistant's Office	120	"U" shaped workstation	
12.0 Secure Files/Administrative Storage	2	42	wide lateral files and (7) 4-drawer letter files
13.0 Administrative Storage Closet	47	50 Secure supply storage	
14.0 Copy/Workroom	,	120 Area with copier, shredder, work counters, storage	unters, storage

Page 1 of 10

Page 2 of 10

Police Department         Space Needs Program         Space Needs Program         FGM #: 19-2688.00           18.0 Addrivitation worling or Addrivitation or Addrivitation worling or Addrivitation or Addrivitation worling or Addrivitation worling or Addrivitation or Add	FGM ARCHITECTS
Room/Area/Space   Existing   Current	
15.0 Administrative Waiting	S S S S S S S S S S S S S S S S S S S
15.0 Administrative Waifing         -         80           16.0 Coart Closet         -         15           17.0 Cadministrative Conference Room         -         15           18.0 Codificative Conference Room         -         80           19.0 Toilet         -         60           20.0 Police Administration Sub-total         1.148         1.62           20.0 Police Administration Sub-total         1.148         1.65           20.0 Police Administration Sub-total         1.65         2.24           20.0 Police Administration Sub-total         1.65         2.24           20.0 Strongle         2.0         2.0         2.0           20.0 Strongle         2.0         2.0         2.0           20.0 Strongle         2.0         2.0         2.0           20.0 Potalization Meditory Read         2.0         2.0           20.0 Copier Viviling Carek Area         3.5         8.0           20.0 Copier Viviling Carek Area         3.5         8.0           20.0 Copier Viviling Carek	
15.0 Coot Closet         15.0 Coot Closet           17.0 Administrative Conference Room         265         420           18.0 Tollet         -         60           19.0 Tollet         -         60           20.0 Police Administration Sub-total         1,148         1,622           21.0 Circulation, Wall, and Mechanical Shaft Space         509         582           21.0 Circulation, Wall, and Mechanical Shaft Space         509         582           22.0 Stronger         1,657         2,244           2.0 Stronger         1,657         2,244           2.0 Stronger         1,657         2,244           3.0 Training Files         1,6         480           5.0 Partic Conference / Briefing Room         206         250           5.0 Partic Bours         337         168           9.0 Coppier / Warfing         33         37           10.0 Open Meethand Rooms         35         80           11.0 Kitchenettle         36         200           12.0 Report Writing Care & (quiet)         35         80           10.0 Open Meethand Stronge         10         188         -           11.0 Android Stronge         20         12         12           12.0 Report Writing Care & (quie	0
17.0 Administrative Conference Room         265         420           18.0 Coffee Area         -         80           19.0 Toldiee Area         -         80           19.0 Toldiee Administration Sub-Total         1,148         1,657           20.0 Police Administration Sub-Total         509         582           21.0 Circulation, Wall, and Mechanical Shaff Space         509         582           22.0 Police Administration Sub-Total         1,657         2,244           22.0 Found Conference / Birefing Room         206         250           20.0 Strangle         10         480           20.0 Straining Files         20         250           20.0 Partial Boulpment / References         250         250           20.0 Copier / Work Area         372         16           20.0 Open Meeting / Brack Area         372         16           20.0 Open Meeting / Brack Area         372         16           20.0 Open Meeting / Brack Area         36         250           11.0 Kirchenette         372         16           12.0 Open Meeting / Brack Area         372         16           13.0 Interview Rooms         13.0 Interview Rooms         12.0 Interview Rooms           17.0 Guige         17.0 Guige         17.0 G	·
18.0 Coffee Aea         -         80           19.0 Tollet         - </td <td>·····</td>	·····
19.0 Toilet         1.0 Toilet         1.0 Toilet         1.0 Toilet         1.0 Toilet         1.148         1.652         2.0 Bolice Administration Sub-Total         1.148         1.657         2.24         1.657         2.24         1.657         2.24         1.657         2.24         2.25         2.25         2.24         2.25	
200         Police Administration sub-Total         1,148         1,642           21.0         Circulofilon, Wall, and Mechanical Shaff Space         509         582           22.0         Declice ADMINISTRATION TOTAL         1,657         2,244           22.0         Pollice ADMINISTRATION TOTAL         1,657         2,244           PATROL SERVICES         410         480         2,244           1.0         Sergeants Open Office         410         480           3.0         Talonggles         11         460           3.0         Talonggles         206         250           4.0         Particl Equipment / References         50         260           5.0         Particl Equipment / References         50         260           6.0         Particl Equipment / References         50         260           1.0         Mail Boxes         33         37         16           6.0         Particl Equipment / References         36         80           1.0         Open Meeting / Brack Area         35         80           1.1.0         Kitchenette         36         80           1.2.0         Report / Work Area         36         80           1.1.0	
21.0 Circulation, Wall, and Mechanical Shaft Space         509         582           22.0 PoulCE ADMINISTRATION TOTAL         1,657         2,244           PATROL SERVICES         410         480           1.0 Sergeants Opean Office         410         480           2.0 Stargeants Opean Office         14         64           3.0 Training Files         14         64           5.0 Partol Equipment / References         206         250           5.0 Partol Room         37         16           6.0 Partol Equipment / References         37         16           8.0 Patrol Room         37         16           9.0 Copier / Work Area         35         80           10.0 Open Meeting / Break Area         35         80           11.0 Kitchene the         35         80           12.0 Report Writing Course k (quiet)         35         80           11.0 Kitchene the         15         16         188            12.0 Report Writing Course k (quiet)         16         188            13.0 Interview Rooms         15         18            14.0 Holding Ioliet         16         16         18           15.0 Soff Interview Rooms         15         <	799
PATROL SERVICES         1,657         2,244           PATROL SERVICES         410         480           1.0 Sergeants Open Office         410         480           2.0 Storage         14         64           3.0 Training Files         12         56           4.0 Patrol Conference         206         256           5.0 Patrol Room         206         26           5.0 Patrol Conference         33         37           6.0 Patrol Comment         Report Writing         80           7.0 Mail Boxes         80         80           10.0 Open Meeting / Break Area         35         80           11.0 Kitchenia         80         80           12.0 Report Writing Correts (quiet)         80         80           12.0 Report Writing Correts (quiet)         18         -           13.0 Interview/Luvenile Status Offence Holding [2]         200           14.0 Holding I clief         14.0 Holding I clief         18         -           15.0 Soff Interview/Rooms         18         -         -           16.0 Interview/Rooms         18         -         -           17.0 Equipment Issue         18         -           18.0 Amory Storage         -         -	582
PATROL SERVICES         410           1.0 Sergeants Open Office         410           2.0 Storage         14           3.0 Training Files         14           4.0 Factor of Interview Conference / Briefing Room         206           5.0 Partol Conference / Briefing Room         206           5.0 Partol Conference / Briefing Room         206           6.0 Partol Equipment / References         50           7.0 Mail Boxes         372           8.0 Copier / Work Area         35           10.0 Open Meeting / Brack Area         35           11.0 Kirtherner Rooms         188           12.0 Kirtherner Rooms         188           14.0 Holding Tolet         188           15.0 Interview/Juvenile Status Offence Holding (2)         64           15.0 Interview/Juvenile Status Offence Holding (2)         64           16.0 Interview/Juvenile Status Offence Holding (2)         64           16.0 Interview/Storage         17.0 Rifle Storage           20.0 Rifle Storage         22.0 Rifle Storage           22.0 Bike Storage         22.0 Rifle Storage           23.0 Armony storage         23.0 Armony storage           24.0 Armony storage         24.0 Armony storage           25.0 Ammunition         27.0 Ammunition	2.244
1.0 Sergeants Open Office         410         480           2.0 Storage         14         64           3.0 Training Files         206         250           5.0 Partol Conference / Briefing Room         206         250           5.0 Partol Room         50         Partol Equipment / References         50           7.0 Partol Equipment / References         372         162           8.0 Copier / Work Area         372         168           10.0 Open Meeting / Break Area         35         80           11.0 Kirchenette         35         80           12.0 Report Writing Carrets (quiet)         250         14.0           14.0 Holding Toilet         15         188           15.0 Interview/ Juvenile Status Offence Holding [2]         64           15.0 Interview Rooms         188         -           16.0 Interview Rooms         188         -           16.0 Interview Rooms         188         -           17.0 Equipment Issue         10         10           20.0 Rifle Storage         22         12         12           22.0 Rifle Storage         22         12         14           22.0 Less Lethal Weapons [FN 303]         114         12           22.0 Less Lethal	
Standge         14         64           Training Files         14         64           Patrol Conference / Briefing Room         206         250           Patrol Room         206         250           Patrol Equipment / References         50           Mail Boxes         372         16           Report Writing         372         168           Copier / Writing Carrels (quiet)         80           Kitchene tie         35         80           Richord Writing Carrels (quiet)         80           Interview/Juvenile Status Offence Holding (2)         200           Holding Toilet         188         -           Holding Toilet         188         -           Soft Interview Rooms         188         -           Interview Rooms         Ride Storage         -           Rifle Storage         -         -           Armory Storage         -         -           Rifle Storage         -         -           Handguns         -         -           Handguns         -         -           Ammunition         -         -           Ammunition         -         -	480 (6) "L" shaped workstations, each with 2-drawe
Training Files         18           Patrol Conference / Briefing Room         206         250           Patrol Room         206         250           Patrol Room         372         12           Report Writing         372         168           Copier / Work Area         35         80           Open Meeting / Brack Area         35         80           Nitchene the Copier / Work Area         35         80           Ritchene the Mitting Carrels (quiet)         80           Interview/Juvenile Status Offence Holding (2)         64           Soft Interview Rooms         188         -           Interview Rooms         188         -           Interview Rooms         188         -           Rifle Storage         -         -           Bike Storage         -         -           Armony Storage         -         -           Handguns         -         -           Rifle Storage         -         -           Handguns         -         -           Ammunition         -         -           Ammunition         -         -	64 Storage room for Sergeants
Partol Conference / Briefing Room         206         250           Partol Room         Partol Room         50           Partol Room         12         12           Patrol Equipment / References         50           Mail Boxes         372         168           Report Writing         35         80           Copier / Work Area         35         80           Nitchene tie         35         80           Richene tie         35         80           Interview Promise (quiet)         80           Interview Rooms         188         -           In	18 Three drawer lateral file
Patrol Room         Patrol Room           Patrol Equipment / References         50           Mail Baxes         372         168           Report Writing         372         168           Copier / Work Area         35         80           Copier / Work Area         35         80           Copier Meeting / Break Area         35         80           Nitchenette         35         80           Interview Broams         188         -           Holding Tailet         188         -           Interview Rooms         188         -           Interview Rooms         188         -           Equipment Issue         120           Tacking         120           Amory Storage         -         -           Armory Storage         -         -           Handguns         -         -           Handguns         -         -           Instruction Storage         -         -           Ammunition         -         -           Ammunition         -         -	250 Table with seating for (8)
Patrol Equipment / References         50           Mail Baxes         372         168           Report Writing         372         168           Copier / Wark Area         250           Copier Meeting / Brack Area         35         80           Kirthenetter         250           Kirthenetter         250           Report Writing Care's (quiet)         80           Interview Rooms         188           Holding Tailet         64           Soft Interview Rooms         188           Interview Rooms         188           Faulpment Issue         120           Tasers         120           Narcan         120           Riffe Storage         -           Bike Storage         -           Handguns         -           Less Lethal Weapons (FN 303)         114           Ammunition         31munition Storage	
Mail Boxes         12           Report Writing         372         168           Copier / Work Area         80           Open Meeting / Break Area         35         80           Open Meeting / Break Area         35         80           Report Writhernette         35         80           Report Writhernette         35         80           Interview/ Juvenile Status Offence Holding (2)         64           Soft Interview Room         188         -           Fquipment Issue         120           Equipment Issue         120           Tacers         120           Ammory Storage         -           Handguns         -           Less Lethol Weapons (FN 303)         114           Ammunition         310	50 Area for timeclock, manuals, vehicle keys, radi
Report Writing         372         168           Copier / Work Area         250           Open Meeting / Breck Area         35         80           Kitchenette         35         80           Interview/ Lorentie Status Offence Holding (2)         200           Holding Tallet         64           Soft Interview Rooms         188         -           Interview Rooms         188         -           Equipment Issue         120         -           Equipment Issue         120         -           Tasers         Narcan         120           Amory Storage         -         -           Amony Storage         -         -           Handguns         -         -           Rifle Storage         -         -           Handguns         -         -           Ammunition         Simunition Storage         -	12 Mail slots
Copier / Wack Area         80           Open Meeting / Break Area         250           Kitchene the Ritchene the Report Writing Carrets (quiet)         35         80           Report Writing Carrets (quiet)         200         80           Interview/Juvancile status Offence Holding (2)         64           Soft Interview Rooms         188         -           Holding Tailet         64           Soft Interview Rooms         188         -           Equipment Issue         120           Tasers         120           Rifle Storage         -         -           Armony Storage         -         -           Rifle Storage         -         -           Handguns         -         -           Rifle Storage         -         -           Ammunition         Simunition Storage         -	
Open Meeting / Brack Area         250           Kirchene the Richene the Richene the Report Writing Carrels (quiet)         35         80           Interview Wording Toiler Toiler and Profession Toiler and Rooms         188         -           Holding Toiler and Sooms         188         -           Equipment Issue         188         -           Tosers         120         -           Narcan         120         -           Rifle Storage         -         -           Armony Storage         -         -           Handguns         -         -           Handguns         -         -           Ammunition         -         -	80 Copier and supply starage
Ritchenette         35         80           Report Writing Carrets (quiet)         80           Interview/Juvenile Status Offence Holding (2)         200           Holding Tailet         64           Soft Interview Rooms         188         -           Interview Rooms         -         -           Interview Rooms         -         -           Interview Rooms         -         -           Interview Rooms         -         -           Insert         -         -           Naccan         Rifle Storage         -           Rifle Storage         -         -           Amony Storage         -         -           Rifle Storage         -         -           Handguns         -         -           Less Lethal We apons (FN 303)         114         120           Ammunition         Simunition Storage         -         -	250 Table with seating for (6-8)
Report Writing Carrets (quiet)         80           Interview/Juvenile Status Offence Holding (2)         200           Holding Tallet         64           Soft Interview Rooms         188         -           Interview Rooms         -         -           Equipment Issue         -         -           Tasers         Narcan         120           Rifle Storage         -         -           Rifle Storage         -         -           Armory Storage         -         -           Handguns         -         -           Less Lethal Wegoons (FN 303)         114         120           Ammunition         simunition Storage         -         -	
Holding Tallet	
Holding Tallet   Holding Tallet   Holding Tallet     Soft Interview Rooms   188	200 (2) Temporary holding rooms near Report Writin
Soft Interview Rooms	64
Equipment Issue         -           Tasers         120           Narcan         120           Riffe Storage         -           Bike Storage         -           Armony Storage         -           Riffe Storage         -           Handguns         -           Less Lethal Weapons (FN 303)         114         120           Ammunition         Simunition Storage	- Share with Investigations
Equipment Issue         120ers           Narcan         120           Tacifical Bike         -           Bike Storage         -           Armony Storage         -           Rifle Storage         -           Handguns         -           Less Lethal Weapons (FN 303)         114         120           Ammunition         Simunition Storage	- Share with Investigations
Tasers   Narcan   120     Rifle Storage	
Narcan         120           Riffe Storage         -           Tactical Bike         -           Bike Storage         -           Armory Storage         -           Riffe Storage         -           Handguns         114           Less Lethal Weapons (FN 303)         114           Ammunition         Simunition Storage	
Rifle Storage         Storage for (20) rifles in racks           Tactical Bike         -           Bike Storage         -           Armony Storage         Storage for (6-8) rifles in racks and (3)           Rifle Storage         Storage for (6-8) rifles in racks and (3)           Handguns         Storage for (20) handguns in cases           Less Lethal Weapons (FN 303)         114           Ammunition         Large storage cabinet           Simunition Storage         2'X6' storage cabinet	
Tactical Bike         Decated in Warm Storage below           Bike storage         - Located in Warm Storage below           Armony Storage         Storage for (6-8) rifles in racks and (3)           Rifle Storage         Storage for (20) handgurs in cases           Less Lethal Weapons (FN 303)         114         120 Storage for (15) in soft cases           Ammunition         Large storage cabinet           Simunition storage         2 x/s' storage cabinet	Storage for (20) rifles in racks
Bike storage         -         Located in Warm storage below           Amony storage         Rifle Storage         \$torage for (6-8) rifles in racks and (3)           Handguns         Storage for (20) handguns in cases           Less Lethal Weapons (FN 303)         114         120         \$torage for (15) in soft cases           Ammunition         Large storage cabinet         2 x/s' storage cabinet	
Armony Starage         Storage         Storage for (6-8) rifles in racks and (3)           Rifle Storage         Storage for (20) handguns in cases           Less Lethal Weapons (FN 303)         114         120         Storage for (15) in soft cases           Ammunition         Large storage cabinet           Simunition storage         2 x/s' storage cabinet	<ul> <li>Located in Warm Storage below</li> </ul>
Rifle Storage         Storage for (6-8) rifles in racks and (3)           Handguns         \$100 ge for (20) handguns in cases           Less Lethal Weapons (FN 303)         114         120         \$100 ge for (15) in soff cases           Ammunition         Large storage cabinet           Simunition storage         2 x/s' storage cabinet	
Handguns Less Lethal Weapons (FN 303) Ammunition Simunition Storage	
Less Lethal Weapons (FN 303) Ammunition Simunition storage	Storage for (20) handguns in cases
Ammunition Simunition Storage	
Simunition Storage	Large storage cabinet
	2'x6' storage cabinet

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Polic Space I	Police Department			June 12, 2019
29.0	Meeds Hogicani			FGM #: 19-2668.01
29.0	Room/Area/Space	Ş	Sq. 7	Notes
29.0	, and the same of	Existing	Current	
	29.0 Armorers Work Area		8	3'x6' bench with area for tools and parts
30.0	30.0 Gun Cleaning Station		8	Cleaning bench, cleaning tank, storage cabinet
31.0	31.0 Patrol Storage		8	
32.0		1,339	2,276	
33.0		594	797	
34.0	PATROL SECTION TOTAL	1,933	3,073	
E. INVES	INVESTIGATIONS			
	1.0 Investigations Sergeant's Office	70	120	120 Desk, credenza, quest seating for 2 people
2.0	1 Investigations Workstations (open office)		320	(4) "U" shaped workstations
3.0		309	35	35 Allow for (2) lateral files
4.0	) Storage/Equipment		20	20 Secure storage closet
5.0		,	15	Lockers for temporary evidence storage
0.9		,	,	Share with another Division?
7.0	) Coffee Area	,	8	
8.0	) Major Case Conference Room	,	530	Conference Space for (10-20)
0.6	≟			
10.0		,	200	200 Hard interview room, can share with Patrol
11.0		61	160	Soft seating, can share with Patrol
12.0		,	50	A/V recording equipment
13.0	Ŏ	,	140	140 Provide secure office with workcounters for (2) computers
14.0		•	8	For storage of electronics and media within office
15.0	) General Storage Closet	,	20	
16.0	16.0 Investigations Sub-Total	440	1,680	
17.0		195	588	
18.0	INVESTIGATIONS TOTAL	932	2,268	
F. COM	COMMUNITY RELATIONS			
	1.0 Community Relations Coordinator	145	120	
2	2.0 Flexible Workspace		120	(2) 6' desks for intems and part time use
33	3.0 Storage Closest		8	
4	4.0 Warm Storage	-	•	Located in Warm Storage below
5.	5.0 Community Relations Sub-Total	145	260	
,9	6.0 Circulation, Wall, and Mechanical Shaff Space	64	91	
7.	7.0 COMMUNITY RELATIONS TOTAL	209	351	

Village of Lake in the Hills		FGM ARCHITECTS
Police Department Space Needs Program		June 12, 2019 FGM #: 19-2668.01
Room/Area/Space	Sq. F.	Notes
ффф	Existing	urrent
G. RECORDS DIVISION	-	
1.0 Public Counter Positions		80 Provide for (1) secure reception positions with package pass-through
2.0 Form Storage		6 (1) 2 drawer letter file
3.0 Peer Jury Files	<u>.</u>	6 (1) 2 drawer letter file
ō	<u> </u>	50 Service counter/window for Officers
5.0 Records Supervisor Office	387	
å		210 Open office work area with (3) 7x7" L" shaped workstations
10.0 Long Torm Boosele Storage	S	120 Ared with copier, shredder, work counters, stordge
10 OLO	2 0	
12.0 Records Section Sub-Total	484	078
13.0 Circulation Wall and Mechanical Shaft Space	215	301
14.0 RECORDS DIVISION TOTAL	107	1,161
H. SOCIAL SERVICES		
	213	210 "L" shaped workstation, conf, table for (4), soft seating for (4), files
2.0 Storage Closet	21	12
3.0 Social Services Sub-Total	234	222
4.0   Circulation, Wall, and Mechanical Shaft Space	104	78
5.0 SOCIAL SERVICES TOTAL	338	300
I. TRAINING		
	1,226	- See Community / Training Room above. Existing training room is in SEC
2.0 Training Files	,	•
3.0 DT Training Room	•	900 [Padded room. Currently use SEC Training Room (above)
4.0 DT Storage	,	150 Storage for training aids. Located in SEC
Ė	1,226	ì
6.0 Circulation, Wall, and Mechanical Shaft Space	543	315
7.0 TRAINING TOTAL	1,769	1,365
1 EVIDENCE PROCESSING		
2.0 Evidence Vehicle Garage	Ç	570 For storage of evidentiary vehicles
) 		

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Current   Curr	ge cura ge constant and a constant a	June 12, 2019 FGM #: 19-2668.01  Notes  space, includes tool area space, also can be used for vehicle processing e space for [2] double drying cabinets and 8' layout area
80om/Area/Space         Sq. ft.           3.0         Vehicle Processing Bay         Existing         Current           5.0         Evidence Vehicle Stronge         -         625           5.0         Drying Colinet's         -         150           6.0         Emergency Elewash/Shower         -         25           7.0         Emergency Elewash/Shower         -         25           7.0         Drying Epidemic Stronge         -         30           10.0         Furme Hood         -         30           11.0         Furme Hood         -         80           12.0         Workdables and Counters         -         80           15.0         Equipment Storoge         -         80           15.0         Evidence Processing Sub-total         -         80           15.0         Evidence Exclaig Storoge         -         -	Sag. Ft.  Existing Curre  19	space, includes tool area space, ako can be used for vehicle processing e space for [2] double drying cabinets and 8' layout area
Section   Existing   Current		space, includes tool area space, ako can be used for vehicle processing e space for (2) double drying cabinets and 8 layout area
3.0         Vehicle Processing Bay         402         630           4.0         Evidence Vehicle Starage         -         525           6.0         Emergency Eyewash Shower         -         255           7.0         Emergency Eyewash Shower         -         255           7.0         Temporary Large Evidence Starage         -         80           8.0         Forensic Processing Lab         -         70           10.0         Furning Chamber         -         30           11.0         Furning Chamber         -         20           11.0         Morktables and Counters         -         20           12.0         Refrigerators         -         20           13.0         Worktables and Counters         -         244           17.0         Circulation, Wall, and Mechanical Shaff Space         -         -           2.0         Evidence Processing Sub-rotal         -         -         -           1.0         Evidence Processing Sub-rotal         -	17 4722 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	space, includes tool area space, also can be used for vehicle processing e space for (2) double drying cabinets and 8 layout area
4.0         Evidence Vehicle Starage         -         525           5.0         Drying Cabine is         -         150           6.0         Emergency Eyewash/Shower         -         150           7.0         Temporary Large Evidence Starage         -         70           8.0         Pousit/SuperglueWork Area         -         70           10.0         Furning Chamber         -         70           11.0         Furning Chamber         -         30           11.0         Furning Chamber         -         30           12.0         Furning Chamber         -         30           13.0         Worktables and Counters         -         80           13.0         Worktables and Counters         -         80           15.0         Equipment Starage Room         -         80           15.0         Equipment Starage Room         -         80           16.0         Evidence Processing Sub-Tokal         -         81           17.0         Circulation, Walf, and Barcoding         -         180           2.0         In Process Evidence Temporary Starage         -         180           3.0         Worktables and Starage         -         180 <td>Shower</td> <td>space, also can be used for vehicle processing e space for (2) double drying cabinets and 8 layout area</td>	Shower	space, also can be used for vehicle processing e space for (2) double drying cabinets and 8 layout area
5.0         Drying Cabinets         -         150           6.0         Emergency Ejewash/&hower         -         25           7.0         Temprany Large Evidence Starage         -         26           8.0         Fornsic Processing Labb         -         30           9.0         Dust/SuperglueWork Area         -         30           11.0         Furme Hood         -         30           12.0         Furme Hood         -         30           12.0         Refrigerators         -         30           13.0         Worktables and Counters         -         20           15.0         Equipment Storage Room         -         80           15.0         Evidence Processing Sub-Total         482         2484           17.0         Circulation, Wall, and Mechanical Shaff Space         -         145           2.0         In-Process Evidence Temporary Storage         -         180           3.0         Worktable and Barcodian Office         -	Shower - ence Staage - Avea	e space for (2) double drying cabinets and 8 layout area
6.0         Emergency Eyewash/8 hower         2.5           7.0         Temporary Large Exidence \$1 and B.         -         8.0           8.0         Forensic Processing Lab         -         7.0           9.0         Furning Chamber         -         30           10.0         Furning Chamber         -         30           11.0         Refrigerators         -         20           13.0         Worktables and Counters         -         80           15.0         Equipment Storage Road         -         80           15.0         Circulation Processing Sub-Tokal         4.2         2484           17.0         Circulation Process Independent Storage         -         180           2.0         In-Process Evidence Temporary Storage         -         180           3.0         Worktable and Barcoding         -         -           4.0         Evidence Drop Lockers         -         -           5.0         Intoke Area Choroses Evidence Temporary Storage         -         -<	Shower - ence Statage	
7.0         Temporary Large Evidence Storage         .         80           8.0         Forensic Processing Lab         .         70           9.0         Dust Ruberglue Work Area         .         70           10.0         Furning Chamber         .         30           11.0         Furning Chamber         .         20           11.0         Furning Chamber         .         20           11.0         Furning Chamber         .         20           11.0         Refrigerdors         .         .         20           12.0         Worktables and Counters         .         .         80           15.0         Equipment Storage Room         .         .         80           16.0         Equipment Storage Room         .         .         80           16.0         Equipment Storage         .         .         80           17.0         Circulation, Wall, and Mechanical Shaft Space         .         <	Nea - 80	
8.0         Forensic Processing Labb           9.0         Dust/&uperglueWork Area         -         70           10.0         Furning Chamber         -         30           11.0         Feligerators         -         30           12.0         Refrigerators         -         200           13.0         Worktables and Counters         -         80           15.0         Equipment Storage Room         -         80           15.0         Equipment Storage Room         -         80           16.0         Evidence Processing Sub-Tokal         442         2484           17.0         Circulation, Wall, and Mechanical Shaff Space         214         745           EVIDENCE PROCESSING TOTAL         6.0         1.0         1.0           2.0         In-Process Evidence Temporary Storage         -         1.0           2.0         In-Process Evidence Temporary Storage         -         1.0           3.0         Worktable and Barcoding         -         -         1.0           4.0         Evidence Drop Lockers         -         -         1.0           5.0         Intake Area/Work Area         -         -         1.0           6.0         Open Floor Area<	мед - 70 - 30 - 30	
9.0         Dust/SuperglueWork Area         -         70           10.0         Furning Chamber         -         30           11.0         Furning Chamber         -         30           12.0         Refrigerators         -         14           13.0         Norktables and Counters         -         80           14.0         Digital Photo Area         -         80           15.0         Equipment Storage Room         -         80           15.0         Equipment Storage Room         -         80           16.0         Evidence Processing Sub-Total         482         2,484           17.0         Circulation, Wall, and Mechanical Shaft Space         214         745           17.0         Circulation, Wall, and Mechanical Shaft Space         -         180           2.0         In-Process Evidence Temporary Storage         -         180           3.0         Individence Prockers         -         -         180           4.0         Evidence Drop Lockers         -         -         180           5.0         Intake Area/Work Area         -         -         180           6.0         Property Costodian Office         -         -         180 <td>. 70 . 30 . 30</td> <td>g is located in Sally Port</td>	. 70 . 30 . 30	g is located in Sally Port
10.0         Furning Chamber         -         30           11.0         Fume Hood         -         30           11.0         Refrigerators         -         30           13.0         Montrables and Counters         -         201           14.0         Digital Photo Area         -         80           15.0         Equipment Storage Room         -         80           15.0         Evidence Processing Sub-Total         482         2484           17.0         Circulation, Wall, and Mechanical Shaft Space         214         745           17.0         Circulation, Wall, and Mechanical Shaft Space         214         745           EVIDENCE PROCESSING TOTAL         696         3,229           EVIDENCE PROCESSING TOTAL         696         120           A.D         Inchance Processing Storage         -         180           3.0         Inchance Processing Caling         -         180           4.0         Evidence Dop Lockers         -         180           5.0         Intake Area (Work Area         -         180           6.0         Property Custodian Office         -         180           7.0         Evidence Storage         80         General Evidence	imber -	areas with dusting chambers, sinks, and storage
11.0         Fume Hood         -         30           12.0         Refrigerators         -         14           12.0         Mondrables and Counters         -         200           14.0         Digital Photo Area         -         80           15.0         Equipment Storage Room         -         80           16.0         Evidence Processing Sub-Total         482         2484           17.0         Circulation, Wall, and Mechanical Shaft Space         214         745           EVIDENCE PROCESSING TOTAL         67         3227           EVIDENCE PROCESSING TOTAL         67         3227           EVIDENCE PROCESSING TOTAL         10         12           EVIDENCE PROCESSING TOTAL         -         180           3.0         In-Chrocess Evidence Temporary Storage         -         180           4.0         Evidence Processer Evidence Temporary Storage         -         180           5.0         Intake Area Work Area         -         180           6.0         Property Custodian Office         -         180           7.0         Evidence Storage         80         General Evidence           8.0         Open Floor Area         180         180	•	
12.0         Refingerators         1		
1.00   Work labers and a Counters   1.00     1.00   Evidence Processing Sub-Total   1.00     1.00   Evidence Processing Sub-Total   1.00     1.00   Evidence Processing Total   1.00     1.00   Evidence Processing Total   1.00     1.00   Evidence Packaging   1.00     1.00   Evidence Packaging   1.00     1.00   Evidence Dop Lockers   1.00     1.00   Evidence Storage   1.00     1.00   Evidence Storage   1.00     1.00   Refrigerated Storage   1.00     1.00		e space for (1) retrigerator
14.0   Digital Photo Area   1.0   Equipment Storage Room   1.0   Equipment Storage Room   1.0   Evidence Processing Sub-Total   482   2484   17.0   Circulation, Wall, and Mechanical Shaff Space   214   745   2484   17.0   Circulation, Wall, and Mechanical Shaff Space   214   745   2484	DOZ -	
15.0   Equipment storage koom   15.0   Equipment storage koom   16.0   Evidence Processing Sub-Total   482   2,484   17.0   Circulation, Walderland Total   694   3,279   2.484   17.0   Circulation AND STORAGE   2.484   3,279   2.484   2	(1) 08 -	shaped workstation, printer, and workbench
16.0   Evidence Processing Sub-Total   17.0   Circulation, Wall, and Mechanical Shaff Space   214   745     17.0   Circulation, Wall, and Mechanical Shaff Space   214   745     17.0   Circulation, Wall, and Mechanical Shaff Space   214   745     18.0   Evidence Processing Torace   20   180     19.0   Evidence Process Evidence Temporary Storage   - 180     19.0   Evidence Brook Area   150   120     19.0   Ceneral Evidence   150   120     19.0   Open Floor Area   150   100     10.0   Refrigerated Storage   150   100     10.0   Refrigerated Storage   150   100     10.0   Refrigerated Storage   150   100     11.0   Destruction Holding Area   150   100     12.0   Valuables/Money Vaulf   20     13.0   Valuables/Money Vaulf   20     14.0   Infractics Storage   250     14.0   Infractics Storage   250     15.0   Long Term Evidence Storage   250     14.0   Long Term Evidence Storage   250     15.0   Long Term Evidence Storage   250     15.0   Long Term Evidence Storage   250     15.0   Long Term Evidence Storage   250     16.0   Long Term Evidence Storage   250     17.0   Long Term Evidence Storage   250     18.0   Long Term Evidence Storage   250     18.0		
17.0   Circulation, Wall, and Mechanical Shaft Space   214   745	482	
EVIDENCE PROCESSING TOTAL         696         3,229           EVIDENCE COLLECTION AND STORAGE         -         -           1.0 Evidence Prockaging         -         -           2.0 In-Process Evidence Temporary Storage         -         -           3.0 Worktable and Barcoding         -         -           5.0 Intake Area/Work Area         -         -           6.0 Property Custodian Office         -         120           7.0 Evidence Storage         8.0         -           8.0 Open Floor Area         100           11.0 Refrigerated Storage         150           12.0 Valudales/Money Vault         20           12.0 Valudales/Money Vault         20           13.0 Induction Holding Area         150           13.0 Induction Holding Area         50           14.0 Fire-arms Storage         50           14.0 Long Term Evidence Storage         50	ical Shaff Space 214	
EVIDENCE COLLECTION AND STORAGE         1.0         Evidence Prockaging         1.0         Evidence Prockaging         1.0         Evidence Prockaging         1.0         1.0         In-Process Evidence Temporary Storage         1.0         1.	769	
EVIDENCE COLLECTION AND STORAGE         1.0         Evidence Packaging         -         -         180           1.0         Evidence Packaging         -         180         -         180           3.0         In-Process Evidence Temporary Storage         -         180         -         180           5.0         Incharce Drob Lockers         -         120         120           5.0         Incharce Area         150         120           6.0         Property Custodian Offlice         150         120           7.0         Evidence Storage         392         100           8.0         General Evidence         100           10.0         Refrigerated Storage         150         60           11.0         Destruction Holding Area         150         60           11.0         Destruction Holding Area         150         60           11.0         Valuables/Money Vault         50           12.0         Valuables/Money Vault         50           14.0         Incordins Storage         50           14.0         Long Tem Evidence Storage         50		
Evidence Pockaging         -           In-Process Evidence Temporary Storage         -           Worktable and Barcoding         -           Evidence Drop Lockers         -           Intake Area/Work Area         120           Property Custodian Office         150           Evidence Storage         392           Open Floor Area         100           Refrigerated Storage         100           Refrigerated Storage         150           Valuables/Money Vault         50           Narcotics Storage         50           Firerams Storage         50           Firerams Storage         50           Firerams Storage         50	ON AND STORAGE	
In-Process Evidence Temporary Storage	,	Work area with computer workstation (currently located in Sally Port)
Worktable and Barcoding         -           Evidence Drop Lockers         -           Intake Area/Work Area         -           Property Custodian Office         150           Evidence Stratage         392           Ceneral Evidence         100           Open Floor Area         100           Refrigerated Stratage         150           Destruction Holding Area         150           Valuables/Maney Vault         20           Narcotics Stratage         50           Firearms Starage         50           Firearms Starage         50           Long Term Evidence Stratage         50	ary Storage - 180	ice return lockers
Evidence Drop Lockers         -           Intake Area/Work Area         120           Property Custodian Office         150         120           Evidence Starage         392           General Evidence         100           Open Floor Area         100           Refrigerated Storage         150         60           Valuables/Maney Vault         20           Narcolics Storage         50           Fire arms Storage         50           Inora Term Evidence Storage         50	D	(3) sets pass-thru lockers, large counter, storage for supplies, sink
Intake Area/Work Area         120           Property Custodian Office         150         120           Evidence Starage         392           General Evidence         392           Open Floor Area         150         10           Refrigerabled Storage         150         60           Valuables/Maney Vault         20           Valuables/Maney Vault         20           Narcolies Storage         50           Fire arms Storage         50           Long Term Evidence Storage         50		ed above (currently located in Booking)
Property Custodian Office         150         120           Evidence Starage         392           Ceneral Evidence         392           Open Floor Area         100           Refrigarated Storage         150         60           Valuables/Manay Vault         20           Varcoites Storage         50           Fire arms Storage         50           Long Term Evidence Storage         50	120	vea with sink
Evidence Staage         392         Require 100 Lf. of High Density Starage           Ceneral Evidence         382         Require 100 Lf. of High Density Starage           Open Floor Area         100         Allow for (1) refrigeration units           Refrigerated Starage         60         Area with shelving           Valuables/Money Vault         20         Area with shelving           Narcotics Starage         50         Area with shelving           Fire arms Starage         50         Area with shelving           Long Term Evidence Starage         20         Area with shelving	150 120	with "L" shaped workstation and (3) 4-drawer letter files
General Evidence         392         Require 100 Lf. of High Density Starage           Open Floor Area         100         Allow for (1) refrigeration units           Refrigerated Starage         150         60         Area with shelving           Valuables/Money Vault         20         Area with shelving           Narcotics Starage         50         Area with shelving           Fire arms Starage         50         Area with shelving           Long Term Evidence Starage         50         Area with shelving	0	
Open Floor Area Refrigerated Storage Destruction Holding Area Valuables/Money Vault Narcotics Storage Fireams Storage Long Term Storage		e 100 Lf. of High Density Storage (currently have 49')
Refrigerated Storage  Destruction Holding Area Valuables/Money Vault Narcofics Storage Firearms Storage Lona Term Evidence Storage		
Destruction Holding Area Valuables/Money Vault Narcofics Storage Firearms Storage Lona Term Evidence Storage		for (1) refigeration units
Valuables/Money Vault Narcofics Storage Firearms Storage Lona Term Evidence Storage	Area 150	vith she lying
Narcofics Storage Firearms Storage Lona Term Evidence Storage	¥	<b>A</b>
Firearms Starage		
Long Term Evidence Storage		
250	226	
245	245	ntly located in garage
Large Item Storage 245	245 245	ntly located in garage
		idence Processing Above
Evidence Collection and Storage Sub-Total 7.69 1,872	692	
gce 341	gce 341	

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Room / Area / Space	>	ğ	Village of Lake in the Hills			FGM ARCHITECTS
EVIDENCE COLLECTION AND STORAGE TOTAL   1,109   24,34	<b>9</b> %	olic ace N	e Department			June 12, 2019 FGM #: 19-2668.01
EXPLORERS   Explorer   Explorer			Room/Area/Space	Š	ŧ	Notes
EXPLORES				Existing	Current	
14   200   Uniforms, equipment, rodios/chargers     2			EVIDENCE COLLECTION AND STORAGE TOTAL	1,109	2,434	
EXPLORERS         Initians, equipment, radios/chargers           2.0 Equipment stonge         141         200         Uniforms, equipment, radios/chargers           2.0 Workstation         -         40         6' desk for compouter           4.0 Equipment stonge         -         80         13 bicycles and 2'/3 stonge cabinet           5.0 Explorers sub-total         -         80         13 bicycles and 2'/3 stonge cabinet           5.0 Explorers sub-total         -         80         13 bicycles and 2'/3 stonge cabinet           5.0 Explorers sub-total         -         80         13 bicycles and 2'/3 stonge cabinet           5.0 Explorers sub-total         -         80         13 bicycles and 2'/3 stonge cabinet           5.0 Explorers sub-total         -         80         13 bicycles and 2'/3 stonge cabinet           5.0 Explorers sub-total         -         80         13 bicycles and 2'/3 stonge cabinet           6.0 Explorers sub-total         -         80         12 bicycles and 2'/3 stonge cabinet           1.0 Soll/reger         -         -         80         12 bicycles and 2'/3 stonge cabinet           2.0 Arithane sub-total         -         -         80         12 bicycles and 2'/3 stonge cabinet           2.0 Arithane sub-total         -         -         80         <						
1.0 Explores Room         1.1 Explores Room           3.0 Explores Room         1.1 Explores Room           3.0 Explores Submert's tonge         - 40 6' desk for computer           4.0 Files         - 8 [1] tour drower letter files cabinet           6. Explores sub-total         - 8 [1] tour drower letter files cabinet           5.0 Explores sub-total         - 8 [1] tour drower letter files cabinet           7.0 Circulation, Wal, and Mechanical Shaff Space         63 98           8.0 Explores Sub-total         - 8 [1] tour drower letter files cabinet           8.0 Explores Sub-total         - 8 [1] tour drower letter files cabinet           9.0 Circulation, Wal, and Personal Effects Lockers         - 8 [1] tour drower letter files cabinet           1.0 Forcessing Area         - 9 [1] tour drower letter files cabinet           2.0 Prisoner Search and Personal Effects Lockers         - 9 [1] tour letter search and double file           2.0 Prisoner Search and Personal Effects Lockers         - 9 [1] tour letter search and double file           2.0 Prisoner Search and Personal Effects Lockers         - 9 [1] tour lockers           3.0 Versiliand Read         - 9 [1] tour lockers         - 9 [1] tour lockers           5.0 Circulation Rooms         1 [1] tour lockers         - 47 [1] tour lockers           6.0 Lockers Introduced and Personal Effects Lockers         - 42 [1] tour lockers		EXPLO	RERS			
2.0         Equipment storage         141         200         Uniforms, equipment, radios/chagers 3.0           3.0         Workstation         -         40         (i) four drawer leiter files cabinet           5.0         Explorers 3ub-Total         -         80         (ii) four drawer leiter files cabinet           6.0         Explorers 3ub-Total         -         80         (ii) four drawer leiter files cabinet           6.0         Explorers 3ub-Total         -         -         80         (ii) four drawer leiter files cabinet           6.0         Explorers 3ub-Total         -		0.1	Explorers Room			
3.0 Workstation         Workstation           4.0 Files         40 6 desk for compouter           5.0 Bicycles         Bicycles           5.0 Circulation. Wall. and Mechanical shaft space         63 98 98 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2.0		141	200	Uniforms, equipment, radios/chargers
4.0 Eles         (a) Eleycles         (b) Explorers Sub-Total           6.0 Explorers Sub-Total         141         328         (c) bicycles and 2/k3 storage cabinet           7.0 Circulation, Wall, and Mechanical Shaff Space         6.3         (a) bicycles and 2/k3 storage cabinet           7.0 Circulation, Wall, and Mechanical Shaff Space         6.3         (a) bicycles and 2/k3 storage cabinet           8.0 Explorers Sub-Total         204         426           1.0 Sally Part         25         (a) bicycles and 2/k3 storage cabinet           2.0 Prisoner Search and Personal Effects Lockers         -         25           2.0 Prisoner Search and Personal Effects Lockers         -         25           3.0 Vestibule Area         -         25           3.0 Culf Benches         -         50           4.0 Duffing Rooms (3 required)         -         50           5.0 Culf Benches         -         50           6.0 Holding Rooms (3 required)         -         -           6.0 Life Benches         -         -           6.0 Li		3.0		,	4	6' desk for computer
5.0 Bicycles         Bicycles         9.0 (3) bicycles and 2x3 storage cabinet           6.0 Explorers Sub-Indial         141         328         9.0 (a)         4.24 <th< td=""><td></td><td>4.0</td><td></td><td>,</td><td>80</td><td>(1) four drawer letter files cabinet</td></th<>		4.0		,	80	(1) four drawer letter files cabinet
6.0 Explorers Sub-Total         141         328           8.0 Explorers Sub-Total         63         96           8.0 Explorers Sup-Total         204         426           8.0 Explorers StorAL         204         426           HODDING FACILITY         30         950         [2] car sally port in drive through config.           1.0 Sally Port         -         50         Include sorthers and double fits counters and a version a v		5.0		-	80	(3) bicycles and 2'x3' storage cabinet
7.0 Circulation, Wall, and Mechanical Shaft Space         63         96           8.0 EXPLORERS TOTAL         204         426           HODING FACILITY         630         95         Classified and Personal Effects Lockers         20         25         Carcally part in drive through config.           2.0 Prisoner Search and Personal Effects Lockers         -         50         Secure entry to lockup areas         -         50         Secure entry to lockup areas           3.0 Vestibule Area         -         50         Secure entry to lockup areas         -         50         Secure entry to lockup areas           4.0 Processing Area         -         50         Include professional areas         -         50         Secure entry to lockup areas           5.0 Holding Recoms (3 required)         -         -         50         Secure entry to lockup areas           6.0 Interview Rooms         -         -         50         Secure entry to lockup areas           10.0 Booking Station         -         -         -         50         Secure entry to lockup areas           10.0 Booking Station         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -		6.0	Explorers Sub-Total	141	328	
HOLDING FACILITY   1.0 Sally Part     1.0 Sally P		7.0	Circulation, Wall, and Mechanic	63	98	
HOLDING FACILITY   1.0   Sally Part   2.0   Prisoner Search and Personal Effects Lockers   2.0   Prisoner Search and Personal Effects   2.0		8.0	EXPLORERS TOTAL	204	426	
Care Solly Port						
1.0 Sally Port         630         950         [2] car sally port in drive through config           2.0 Prisoner Search and Personal Effects Lockers         -         50         Include sorting counters and double life           3.0 Vestibule Area         -         50         Secure entry to lockup areas           5.0 Holding Rooms (3 required)         Keep detaines separated - locate aw           6.0 Holding Rooms (3 required)         Keep detaines separated - locate aw           7.0 Fingerprint Area         For ink fingerprinting with sink and eye           8.0 Live Scan/Suspect Photography         Nork area for Breathing with sink and eye           8.0 Live Scan/Suspect Photography         Nork area for Breathing with sink and eye           1.0.0 Booking Y Testing         Nork area for Breathing with sink and eye           1.0.1 Interview Rooms         Size to allow processing or (3) detaines           1.2.0 Interview Rooms         447         6.5 Single user detention gade toilet           1.3.0 Jail Storage         1.0         Provide (1) hard interview room           1.0.0 Attorney/Client Room         447         6.7 Sorter storage of clearing supplies           1.0.0 Attorney/Client Room         1.47         - Included in Detertion Rooms and Area for Breathing supplies           2.0.0 Attorney/Client Room         2.0         Sorter storage of clearing supplies <td< td=""><td>Ž</td><td>HOLDI</td><td>NG FACILITY</td><td></td><td></td><td></td></td<>	Ž	HOLDI	NG FACILITY			
2.0 Prisoner Search and Personal Effects Lockers         -         55 Include sorting counters and double life sorting counters and double life sorting counters and double life sorting versing Area         -         50 Secure entry to lockup areas           4.0 Processing Area         -         50 Cutf Benches         -         50 Secure entry to lockup areas           5.0 Live Scan/Suspect Photography         -         -         50 Include photo area         -		1.0	Sally Port	630	950	(2) car sally port in drive through configuration (28'x34')
3.0         Vestibule Area         -         50         Secure entry to lockup areas           4.0         Processing Area         -         50         Currently to lockup areas           5.0         Outfl Benches         For ink fingerprint Area           6.0         Holding Rooms (3 required)         For ink fingerprinting, with sink and eye           8.0         Live Scan/Suspect Photography         For ink fingerprinting, with sink and eye           9.0         Sobriety Testing         Nork area for Breatholyzers           10.0         Booking Station         138         100         Provide II) that interview room           12.0         Interview Rooms         5         Size to allow processing or (3) detained           13.0         Interview Rooms         40         Secure storage of Cleaning supplies           13.0         Include II) had interview room         40         Secure storage of Cleaning supplies           15.0         Deternition Rooms         447         675         (6) Cells total, incl. (1) Accessible Cell.           15.0         Bond Out Vestibule         Attomey/Client Room         1147         2,675         And required, wall independent of request waix           21.0         Holding Facility sub-rotal         1,474         2,675         Ond required.         And required.		2.0	Prisoner Search and Personal Effects Lockers	•	25	Include sorting counters and double tiered lockers
4.0         Processing Area           5.0         Outfl Benches         Keep detainees separated - locate aw           6.0         Holding Rooms (3 required)         Include photo area           7.0         Fingerprinting, with sink and eye           8.0         Live Scan/Suspect Photography         Include photo area           9.0         Live Scan/Suspect Photography         Include photo area           9.0         Live Scan/Suspect Photography         Not are a for Breathains and Betained           1.0.0         Booking's Testing         Not are a for Breathains and Betained           1.2.0         Interview Rooms         Size to allow processing or (3) detained           1.3.0         Interview Rooms         40         Scrue storage of cleaning supplies           1.5.0         Delention Rooms         47         65         Single user detention grade toilet           1.6.0         Delention Rooms         47         67         (6) Cells total, incl. (1) Accessible Cell.           1.6.0         Delention Rooms         114         -         Included in Defendion Rooms above           1.0.0         Bond Out Vestibule         80         Bond out vestibule for release of defair           2.0.0         Circulation, Wall, and Mechanical Shaft Space         662         936           2.		3.0	Vestibule Area		50	Secure entry to lockup areas
5.0         Outfl Benches         Keep detainees separated - locate aw           6.0         Holding Rooms (3 required)         16.5         For ink fingerprint fing, with sink and eye           7.0         Fingerprint Area         For ink fingerprinting, with sink and eye           8.0         Live Scan/Suspect Photography         Include photo area           9.0         Sobriety Testing         Nork are a for Breathalt and each and a stating station           10.0         Booking Station         138         100         Provide [1] had interview room           13.0         Interview Rooms         5         Single user detention grade toilet         40         Secure storage of cleaning supplies           15.0         Joni Storage         40         Secure storage of cleaning supplies         40         Secure storage of cleaning supplies           16.0         Detention Rooms         47         6.5         [6] Cells total, incl. [1] Accessible Cell.           18.0         Juvenile Detention Rooms         114         -         Included in Detention Rooms above           19.0         Attanney/Client Room         80         Bond out vestibule for release of detain           20.0         Brond County Vestibule         662         936           22.0         Circulation, Wall, and Mechanical Shaft Space         1.149		4.0	Processing Area			
6.0         Holding Rooms (3 required)         165         For ink fingerprinting, with sink and eye           7.0         Fingerprint Area         165         For ink fingerprinting, with sink and eye           8.0         Live Scan/Suspect Photography         100         Include photo area           9.0         Sobring Stating         Nork area for Breathalyzers         100           10.0         Booking Stating         138         100           12.0         Interview Rooms         138         100           13.0         Toilet         40         Provide (1) hard interview room           15.0         Janitors Closet         40         Provide (1) hard interview room           15.0         Joil Storage         40         Secure storage of cleaning supplies           16.0         Detention Rooms         47         675         6) Cells total, incl. (1) Accessible Cell.           18.0         Juvenile Detention Rooms         114         -         Included in Detention Rooms above           19.0         Attanney/Client Room         80         Bond out vestibule for release of detain           20.0         Brond Out Vestibule         662         936           20.0         Includion, Wall, and Mechanical Shaff Space         662         936 <td< td=""><td></td><td>5.0</td><td></td><td></td><td></td><td>Keep detainees separated - locate away from Book Station</td></td<>		5.0				Keep detainees separated - locate away from Book Station
7.0         Fingerprint Area         165         650         Por ink fingerprinting with sink and eye           8.0         Live Scan/Suspect Photography         16.0         Live Scan/Suspect Photography         16.0         Include photo area           9.0         Sobriety Testing         Work area for Breathalyzens         10.0         Work area for Breathalyzens           10.0         Booking Station         138         100         Provide (I) hard interview room           12.0         Interview Rooms         40         Single user detention Rooms           15.0         Janitors Closet         40         Secure storage of clearing supplies           15.0         Detention Rooms         40         Secure storage of clearing supplies           16.0         Detention Rooms         40         Secure storage of clearing supplies           16.0         Detention Rooms         114         -         Included in Detention Rooms above           19.0         Attorney/Client Room         80         Rond out vestibule for release of detain           20.0         Bond Cut Vestibule         66         936           20.0         Circulation, Wall, and Mechanical Shaft Space         66         936           20.0         Circulation, Wall, and Mechanical Shaft Space         66         936     <		6.0	Holding Rooms			
8.0         Live Scan/Suspect Photography         Include photo area           9.0         Sobriety Testing         Work area for Breathalyzen           10.0         Booking Staffon         Mork area for Breathalyzen           12.0         Interview Rooms         138         100         Provide (1) hard interview room           13.0         Toilet         40         Provide (1) hard interview room           14.0         Janitorage         40         Secure storage of cleaning supplies           15.0         John French Rooms         40         Secure storage of cleaning supplies           16.0         Detention Rooms         47         6/5         (6) Cells total, incl. (1) Accessible Cell.           18.0         Juvenile Detention Rooms         114         -         Included in Detention Rooms above           19.0         Attamey/Client Room         80         Bond out vestibule for release of detain           20.0         Brond Out Vestibule         -         Not required, will need for request waiv           20.0         Girculation, Wall, and Mechanical Shaft Space         662         936           20.0         HOLDING FACIUM TOTAL         2,154         3,511           1.FORWATION SYSTEMS         1,1494         2,475		7.0		145	450	For ink fingerprinting, with sink and eyewash
9.0         Sobriety Testing         Work area for Breathalyzers           10.0         Booking Stafion         138         100         Provide (1) hard interview room           12.0         Interview Rooms         138         100         Provide (1) hard interview room           13.0         Toilet         40         Secure storage of cleaning supplies           14.0         Janistorage         40         Secure storage of cleaning supplies           15.0         Joint Storage         40         Secure storage of cleaning supplies           16.0         Detention Rooms         447         675         (6) Cells total, incl. (1) Accessible Cell.           18.0         Juvenile Detention Rooms         114         -         Included in Detention Rooms above           20.0         Bond Out Vestibule         -         Not required, will need to request waiv           20.0         Bround Facility sub-rotal         1,494         2,475           20.0         Circulation, Wall, and Mechanical Shaft Space         662         936           20.0         Hobbing Facility Total         2,154         3,411           1.FORWATION SYSTEMS         1         1,494         2,475		8.0		3	3	Include photo area
10.0         Booking Station         Size to allow processing or (3) detained           12.0         Interview Rooms         138         100         Provide (1) hard interview room           13.0         Tolet         65         Single user determine wroom           14.0         Janitons Claset         40         Secure storage of clearing supplies           15.0         Determine Comes         447         675         (6) Cells total, incl. (1) Accessible Cell.           18.0         Juvenile Determion Rooms         114         -         Included in Determing supplies           19.0         Attorney/Client Room         114         -         Included in Determing shows above           20.0         Bond Out Vestibule         80         Bond out vestibule for release of detain           21.0         Holding Facility Sub-rotal         1,494         2,575           22.0         Circulation, Wall, and Mechanical Shaft Space         662         936           23.0         HOLDING FACILITY TOTAL         2,156         3,511           InfoRMATION SYSTEMS         1,147         2,156         3,611		0.6				Work area for Breathalyzers
12.0         Interview Rooms         138         100         Provide (1) hard interview room           13.0         Tolet         65         Single user detention grade toilet           14.0         Janitors Closet         40         Secure storage of clearing supplies           15.0         Jall Storage         447         67         [6] Cells total, incl. [1] Accessible Cell.           18.0         Detention Rooms         114         -         Included in Detention Rooms above           19.0         Attorney/Client Room         80         Not required, will need to request waiv           20.0         Band Out Veribule         80         Bond out veribule for release of detain           21.0         Holding Facility Sub-rotal         1,494         2,575           22.0         Circulation, Wall, and Mechanical Shaft Space         662         936           23.0         HOLDING FACILITY TOTAL         2,164         3,611           NFORMATION SYSTEMS         3,611         1,67		10.0				Size to allow processing or (3) detainees
13.0         Tojlet         6.5         Single user defention grade toilet           14.0         Janitors Claset         40         Secure storage of clearing supplies           15.0         Datention Rooms         447         675         (s) Cells total, incl. (!) Accessible Cell.           16.0         Defention Rooms         114         -         Included in Defention Rooms above           18.0         Juvenile Defention Rooms         114         -         Included in Defention Rooms above           20.0         Bond Out Vestibule         -         Not required, will need to request waix           21.0         Holding Facility Sub-1041         1494         2,675           22.0         Circulation, Wall, and Mechanical Shaft Space         662         936           23.0         HOLDING FACILITY TOTAL         2,164         3,611           INFORMATION SYSTEMS         3,611         1,164         1,164		12.0		138		Provide (1) hard interview room
14.0         Janitors Closet         40         Secure storage of clearing supplies           15.0         Jail Storage         40         Secure storage of clearing supplies           16.0         Detention Rooms         47         675         (s) Cells total, incl. (1) Accessible Cell.           18.0         Juvenile Detention Rooms         114         -         Included in Detention Rooms above           19.0         Attamey/Client Room         -         Not required, will need to request waiv           20.0         Broad Out Vestibule         8         Bond out vestibule for release of defair           21.0         Holding Facility Sub-Total         662         936           22.0         Circulation, Wall, and Mechanical Shaft Space         662         936           23.0         HOLDING FACILITY TOTAL         2,156         3,511           InFORMATION SYSTEMS         3,611         1,160		13.0			65	Single user detention grade toilet
15.0       Joil Storage       40         16.0       Detention Rooms       447       675 (6) Cells total, incl. (1) Accessible Cell.         18.0       Juvenile Detention Rooms       114       -       Included in Detention Rooms above         19.0       Attorney/Client Room       80       Bond Out Vestibule         20.0       Bond Out Vestibule       80       Bond out vestibule for release of detain         21.0       Holding Facility Sub-Total       1,494       2,675         22.0       Circulation, Wall, and Mechanical Shaff Space       662       936         23.0       HOLDING FACILITY TOTAL       2,154       3,611         INFORMATION SYSTEMS		14.0			4	Secure storage of cleaning supplies
16.0 Detention Rooms         447         675 (s) Cells total, incl. (!) Accessible Cell.           18.0 Juvenile Detention Rooms         114         -         Included in Detention Rooms above           19.0 Attamey/Client Room         0.00 Bond Out Vestibule         -         Not required, will need to request waiv           20.0 Bond Out Vestibule         80 Bond out vestibule for release of defair           21.0 Holding Facility Sub-Total         1,494         2,475           22.0 Circulation, Wall, and Mechanical Shaff Space         662         936           23.0 HODING FACILITY TOTAL         2,154         3,611           NFORMATION SYSTEMS         .		15.0	ļ		8	
18.0 Uvvenile Defention Rooms         114          Included in Defention Rooms above           19.0 Attaney/Client Room          Not required, will need to request waiv           20.0 Bond Out Vestibule         80 Bond out vestibule for release of defair           21.0 Holding Facility Sub-Total         1,494         2,675           22.0 Circulation, Wall, and Mechanical Shaff Space         662         936           23.0 HolDiNG FACILITY TOTAL         2,154         3,611           NFORMATION SYSTEMS         3,611		16.0	Detention Rooms	447	675	(6) Cells total, incl. (1) Accessible Cell. Arrange in groups of (2) cells. (1) shower
19.0 Attorney/Client Room       - Not required, will n         20.0 Bond Out Vestibule       80 Bond out vestibule         21.0 Holding Facility Sub-Total       1,494       2,675         22.0 Circulation, Wall, and Mechanical Shaff Space       662       936         23.0 HOLDING FACILITY TOTAL       2,156       3,611         INFORMATION SYSTEMS		18.0	Juvenile Detention Rooms	14	,	
20.0 Bond Out Vestibule       80 Bond out vestibule         21.0 Holding Facility sub-Total       1,494       2,675         22.0 Circulation, Wall, and Mechanical Shaff Space       662       936         23.0 HOLDING FACILITY TOTAL       2,156       3,411         INFORMATION SYSTEMS		19.0	Attorney/Client Room		,	Not required, will need to request waiver from IDOC
21.0 Holding Facility Sub-Total       1,494       2,675         22.0 Circulation, Wall, and Mechanical Shaff Space       662       936         23.0 HOLDING FACILITY TOTAL       2,164       3,611         INFORMATION SYSTEMS		20.0	Bond Out Vestibule		8	Bond out vestibule for release of detainees
22.0 Circulation, Wall, and Mechanical Shaff Space       662       936         23.0 HOLDING FACIUTY TOTAL       2,156       3,611         INFORMATION SYSTEMS		21.0	Holding Facility Sub-Total	1,494	2,675	
23.0 HOLDING FACIUITY TOTAL 2,156 3,611		22.0	Circulation, Wall, and Mechanic	662	936	
INFORMATION SYSTEMS		23.0	HOLDING FACILITY TOTAL	2,156	3,611	
INFORMATION STSTEMS					•	
ii Sarvar Boom		2 -	MAIION STSIEMS	44	120	Space for in to (2) sevier racks clean agent fire suppression

Village of Lake in the Hills			FGM ARCHITECTS
Police Department Space Needs Program			June 12, 2019 FGM #: 19-2668.01
Room/Areg/Space	S	Sa. Ft	
	Pyletina	1	
2.0 Starage Area	7 ·	8	For starage of equipment
ļ		09	Allowance for network closet
Ξ	46	200	
5.0 Circulation, Wall, and Mechanical Shaft Space	8	2	
6.0 INFORMATION SYSTEMS TOTAL	99	270	
O. STAFF SUPPORT AREAS			
1.0 Lunchroom with Kitchenette	145	300	Break are a with (3) tables of four
2.0 Mud Room	•		With area for wetgear
3.0 Duty Bag Storage	1	168	Provide (36) 24" wide x 24" high lockers for duty bags near patrol entry
4.0 Library	-	120	
5.0 Pension Files	,	,	Located at Village Hall
6.0 StaffToilets Allowance	54	450	Allowance for tailet rooms throughout the building
7.0 Closet Allowance	•	8	Allowance for closets throughout the building
8.0 Staff Support Areas Sub-Total	199	1,178	
9.0 Circulation, Wall, and Mechanical Shaff Space	88	412	
10.0 STAFF SUPPORT AREAS TOTAL	287	1,590	
P. LOCKER/FITNESS AREAS			
1.0 Male Locker Area	232		Provide (42) 24" wide lockers
2.0 Toilet/Sinks/Shower Areas	106		(2) toilets, (2), urinals, (2) lavs, (2) showers
3.0 Female Locker Area	57		Provide (16) 24" wide lockers
4.0 Toilet/Sinks/Shower Areas	45		212 [(2) talets, (2) lavs, (1) shower
5.0 Defensive Tactics Training Room	,	,	See Training above
6.0 Fitness Room	,	•	Alternate Space - see below
7.0 Locker/Fitness Areas Sub-Total	440	1,541	
	195	539	
9.0 LOCKER/FITNESS AREAS TOTAL	589	2,080	
Q. WARM STORAGE			
1.0 Mobile Command Center	912		28' long vehicle
2.0 Patrol Boat	243	198	16' patrol boat and trailer, currently located in garage
3.0 Speed Trailer / Message Board	,	176	176 (Storage for (2) 6'x10' speed trailers, currently located at Public Works
4.0 Utility Vehicle	•	88	currently located in garage
	170	150	150 Storage for (3-4) bicycles, bike racks, 2'x3' storage cabinet
6.0   Community Relations Storage	141	250	Storage for camp needs, outreach programs

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Police Department	>	Village of Lake in the Hills			FGM ARCHITECTS
Room/Area/Space	<b>~</b> №	olice Department			June 12, 201 <sup>1</sup> FGM #: 19-2668.0
Nemel Cages   1,446   1,502		Room/Area/Space	Ş	ŧ	Notes
10.0   Nemericages   1,446   1,502			Existing	urre	
1,446   1,502   1,50		7.0 Kennel Cages		40	For found pets
9.0   Circulation, Wall, and Mechanical Shaft Space   650   300		8.0 Warm Storage Sub-Total	1,466	1,502	
10.0   WARM STORAGE TOTAL   1,802		echanic	650	300	
Control Custodial Starage Space   1.0		10.0 WARM STORAGE TOTAL	2,116	1,802	
Coathal Coathal Maintenance   100     1.0   Central Custodial Standie Space	***********				
1.00   1.00		LOADING/FACILITY MAINTENANCE			
Mail and Delivery Storage Room		1.0 Central Custodial Stardge Space		3 8	Storage of supplies
4.0         Dock Leveler         -		3.0 Mail and Delivery Storage Room	•	3 5	
5.0 General Building Storage         -         400           6.0 Loading/Fac iithy Maintenance Sub-Total         -         480           7.0 Circulation, Wall, and Mechanical Shaft Space         -         204           8.0 Loabing FACILITY MAINTENANCE TOTAL         -         204           8.0 Mechanical Room/§         -         -         -           5.0 Mechanical Room/§         -         -         -           5.0 Elevator         -         -         -         -           8.0 Mechanical and Electrical Spaces Sub-Total         -         -         - <td>Ī</td> <td>4.0 Dock Leveler</td> <td>-</td> <td></td> <td>located outside of Utility Garaae</td>	Ī	4.0 Dock Leveler	-		located outside of Utility Garaae
6.0 Loading/Fec ility Maintenance Sub-Total         6.80           7.0 Circulation, Wall, and Mechanical Shaft Space         - 204           8.0 LOADING FACILITY MAINTENANCE TOTAL         - 204           8.0 LOADING FACILITY MAINTENANCE TOTAL         - 204           8.1 LOADING FACILITY MAINTENANCE TOTAL         - 204           8.2 LOADING FACILITY MAINTENANCE TOTAL         - 204           8.2 Mechanical Room/s         497         1,100           3.0 Electrical Room	[	5.0 General Building Storage	•	400	
7.0   Circulation, Wall, and Mechanical Shaft Space   - 204		6.0 Loading/Facility Maintenance Sub-Total		989	
8.0   IOADING FACILITY MAINTENANCE TOTAL   - 884		7.0 Circulation, Wall, and Mechanical Shaft Space	•	204	
MECHANICAL AND ELECTRICAL SPACES   1.0   Emergency Generator   2.0   Mechanical Room   3.0   Electrical Room   1.18   3.50   4.0   Class Service Room   4.0   4.		8.0 LOADING FACILITY MAINTENANCE TOTAL	•	884	
1.0   Emergency Generators   1.1		MECHANICAL AND ELECTRICAL SO ACIES			
Mechanical Room(s)	-				1
Month-Floor Factor   Month-F		1.0 Emergency Generator	107		Locate outside
1.0   Existing Police Symptoms		2.0 Medianoa Rounis	118	350	
5.0   Elevator   1.0   Elevator   2.0			2	3	in machanical room
6.0 Electron Machine Room 7.0 Telephone Service Room 8.0 Mechanical and Electrical Spaces Sub-Total 9.0 Circulation, Wall, and Mechanical Shaff Space 10.0 MECHANICAL AND ELECTRICAL SPACES TOTAL 10.0 MECHANICAL AND ELECTRICAL SPACES TOTAL 10.0 MIH-Floor Factor 10.0 Multi-Floor Factor 10.0 Multi-Floor Factor 10.0 Existing Police Station 10.0 Existing Police Statio	Ĭ	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		'	
7.0   Telephone Service Room   40   40   40		A O Flevotor Machine Room			In the definition space allowance
8.0   Mec hanical and Electrical Spaces Sub-Total   655   1490     9.0   Circulation, Wall, and Mechanical Shaff Space   290   447     10.0   MECHANICAL AND ELECTRICAL SPACES TOTAL   945   1,937     TOTAL BUILDING AREA REQUIRED - 1 Story   2,000		7.0 Telephone Service Room	40	40	D-mark room
9.0   Circulation, Wall, and Mechanical Shaft Space   290   447		8.0 Mechanical and Electrical Spaces Sub-Total	929	1,490	
10.0   MECHANICAL AND ELECTRICAL SPACES TOTAL   945   1,937	Ĭ		290	447	
Mulfi-Floor Factor  Mulfi-Floor Factor  Mulfi-Floor Factor  TOTAL BUILDING AREA REQUIRED - 2 Story  TOTAL EXISTING AREA USED BY POLICE DEPARTMENT  1.0 Existing Police Station  2.000			945	1,937	
Mulfi-Floor Factor  TOTAL BUILDING AREA REQUIRED - 2 Story  TOTAL EXISTING AREA USED BY POUCE DEPARTMENT  1.0 Existing Police Station 2.0 Exis	<b>i</b>	TOTAL BUILDING AREA REQUIRED - 1 Slory	•	33,704	Area required for one stary building
TOTAL EXISTING AREA REQUIRED - 2 story  TOTAL EXISTING AREA USED BY POLICE DEPARTMENT  1.0 Existing Police Station 2.0 Safety Education Center 3.0 Safety Education Center		Multi-Floor Factor		2,000	Assume two floors at 1,000 sq.ft. per floor
TOTAL EXISTING AREA USED BY POLICE DEPARTMENT  1.0 Existing Police Station 2.0 Series Education Center	j		•	35,704	Area required for two stary building
1.0 Existing Police Station	>	TOTAL EXISTING AREA USED BY POLICE DEPARTMENT			
	•	1 O Existing Dollor station	071 61		
		1.0 Existing Police station	201,21		

Lake in the Hills Police Department Comparison Space Needs Program

₹	Village of Lake in the Hills			FGM ARCHITECTS
<b>%</b>	Police Department Space Needs Program			June 12, 2019 FGM #: 19-2668.01
	Room/Area/Space	Ş	Sq. Ft.	Notes
	The state of the s	Existing	Current	
	3.0   2 Oak Annex (former fire station)	2,552		Portion utilized by Police Department
	4.0 2 Oak Annex Garage	528		
	5.0 TOTAL AREA USED BY POLICE DEPARTMENT	17,642		
, A	W. PARKING REQUIREMENTS			
	1.0 Police Department Vehicles			
	2.0 Patrol Vehicles		7	
	3.0 Administrative Vehicles		3	
	4.0 Support Services Vehicles		3	
	5.0 Total Police Vehicles		20	
	1.0 Stoff Parking			
-	2.0 Paak Staffing		S	Pack damand is (30) at 230 pm shift change
	3.0 Toke Home Vehicles		8	Administrative Vehicles
J	Common Control (1975) 1975   Common C		20	
	4.0 Ioidi sidir Parking Required		77.	
	1.0 Future Parking Needs		9	Allowance for potential future hires and additional Department Vehicles
	Total Police Vehicle and Staff Parking Required		53	
	Visitor and Meeting / Training Parking		8	Spaces required for Visitors and Meeting / Training Functions
	1.0 Other Parking Needs			
	2.0 Command Vehicle		,	Located in Warm Storage above
	3.0 Speed Trailer		,	Located in Warm Storage above
	4.0 Speed Trailer / Message Board		,	Located in Warm Storage above
	5.0 Utility Vehicle		•	Located in Warm Storage above
	6.0 16' Patrol Boat		-	Located in Warm Storage above
×	MISCELLANEOUS OUTDOOR SPACES			
	1.0 Plaza Entrance		800	For flagpoles, seafing
	2.0 Trash Enclosure		200	Miles and the second se
	3.0 Generator Enclosure		800	Allow area 20'x40'
	4.0 Transformer Enclosure		300	
	5.0 Outdoor Staff Area		400	
	6.0  Secure Evidence Remote Storage Shed		8	For secure storage of large and hazardous items

Page 9 of 10

Lake in the Hills Police Department Comparison Space Needs Program

<b>=</b>	Village of Lake in the Hills			FGM ARCHITECTS
Po	Police Department			June 12, 2019
Spa	Space Needs Program			FGM #: 19-2668.01
	Room/Area/Space	S	Sq. Ft.	Notes
		Existing	Current	
Υ.	Y. ALTERNATE SPACES			
ŭ.	Fitness Room			
	1.0 Fitness Room	,	900	
	2.0 Fitness Room Sub-Total		006	
	3.0 Circulation, Wall, and Mechanical Shaff Space	•	315	
	4.0 Fitness Room Total	•	1,215	
=	Indoor Parking			
	1.0 Indoor Vehicle Parking - Police Vehicles	-	5,070	5,070 i(14) spaces required
	2.0 Indoor Parking Sub-Total	•	5,070	
	3.0 Circulation, Wall, and Mechanical Shaff Space	-	1,014	
	4.0 Indoor Parking Total	•	6,084	
	•			
	0			
	3Njoba)2019N19-20080\ADVINN1.0 Roject Management & Programming N. 2 Building Ragram\Late in the HIsPD Ragram 2019.06.12xt	Pogram\lake in ‡	he HilsPD Program 2	19.06.12.xe

FGM #19-2668.01

# SECTION 5 PROJECT HISTORY AND EXISTING BUILDING PLANS



Police station



Safety Education Center



Training room in Safety Education Center

#### **HISTORY**

The Lake in the Hills Police Department currently occupies 17,642 square feet of space in four different structures as identified below.

TOTAL AREA OCCUPIED BY POLICE DEPARTMENT	17.642 sa.ft.
2 Oak Annex Garage	<u>528 sq.ft.</u>
2 Oak Annex	2,552 sq.ft.
Safety Education Center (SEC)	2,400 sq.ft.
Existing Police Station	12,162 sq.ft.

### **Police Station History**

The existing police station is located at 1115 Crystal Lake Road. The main operations of the police department take place within this facility. The building was originally designed as a combined village hall and police station in 1992. The building originally had the village hall on the upper level and the police station on the lower level without any means of internal access between levels.

After the village hall was relocated to a new facility in 2002, the building was renovated for police department use and an addition was added to allow access between floors.

In 2017, the Lake in the Hills 911 dispatch center closed, and operations were transferred to Southeast Emergency Communications (SEECOM) in Crystal Lake. The space originally occupied by the 911 dispatch center was taken over by the Department's Patrol Division.

Other than the 911 dispatch center closing in 2017, only minor improvements have been made to the police station since 2002 to accommodate the police department's operational changes. At this time, the existing facility is less than ideal in terms of space, workflow and parking.

#### Safety Education Center (SEC)

The Safety Education Center (SEC) is located at 11109 Crystal Lake Road approximately 200' south of the police station. Constructed in 2001 along with a safety town, which is a miniature community used to provide children a safety education, the facility provides classroom and support space for police department community outreach programs. The classroom space is also used by the police department for regional training programs, including use of force and defensive tactics training, and by the Lake in the Hills Police Department Law Enforcement Explorers Post.



2 Oak Annex



2 Oak Annex garage storage

#### 2 Oak Annex

Constructed in 1965 as a fire station, this building has been converted for use as a support facility for the police department and a pre-school. It is located directly east of the police station, across Crystal Lake Road. The police department uses the building to process vehicles involved in a crime and storage for evidence, evidence vehicles, mobile command vehicle, and other equipment.

### 2 Oak Annex Garage

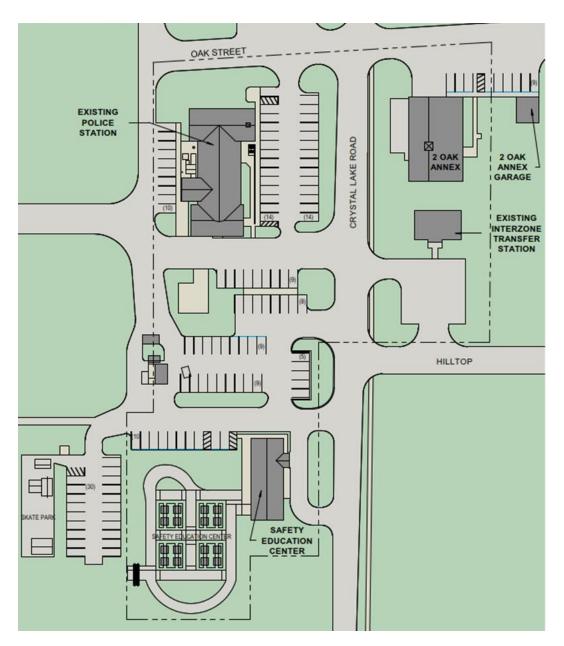
Located adjacent to 2 Oak Annex is a two-car garage that is used for storage of found bicycles and a police boat.

The police department needs to utilize all of the above facilities to support its operations. The Department started using three other facilities (the SEC, 2 Oak Annex, and 2 Oak Annex Garage) over time as the existing police station did not have the space available. The findings of this report show that even by using the three facilities, the space required for the long-term operations far exceeds what is available.

## SECTION 5 EXISTING BUILDING PLANS

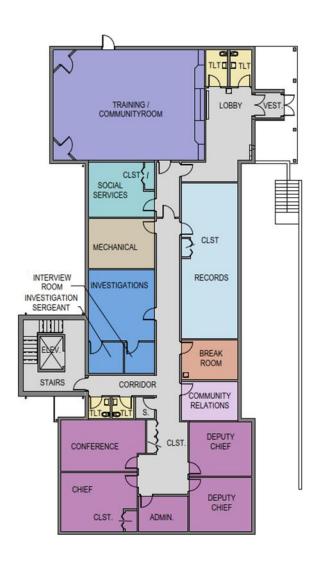
The following diagrams illustrate the building as it currently is being utilized and will provide a frame of reference for the space needs requirements identified in Section 4 of this report.

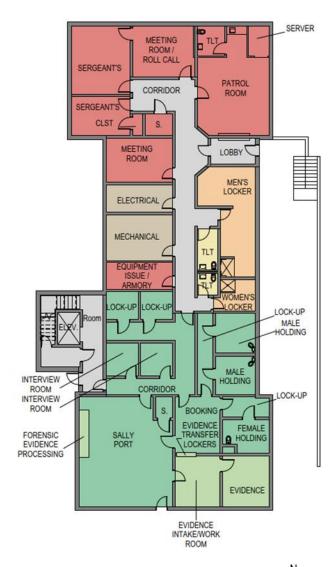
### **EXISTING SITE PLAN**



Site Plan of the Police Station, SEC, 2 East Oak Annex, and 2 East Oak Annex Garage

### **EXISTING POLICE STATION PLANS**





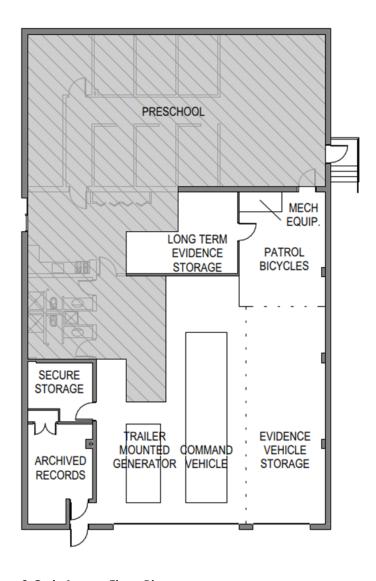
**Lower Level** 

**First Floor** 

Police Station Area: 12,162 sq.ft.



### **EXISTING 2 OAK ANNEX AND GARAGE**





2 Oak Annex Garage



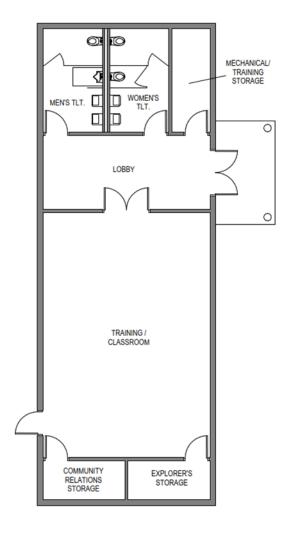
2 Oak Annex

### 2 Oak Annex Floor Plan

### **Area Used by Police Department**

2 Oak Annex Area: 2,552 sq.ft.2 Oak Annex Garage: 528 sq.ft.

### **SAFETY EDUCATION CENTER**



**Safety Education Center Floor Plan** 

Safety Education Center Area: 2,400 sq.ft.



**Training Classroom** 



**Explorer's Storage Room** 

## SECTION 6 CONCEPTUAL SOLUTIONS

#### **Identification of Potential Options**

Prior to developing actual solutions to the space needs issues of the police department, it helps to identify what the potential options are and the associated magnitude of costs in a conceptual manner.

Three potential solutions were identified by the village to be explored.

### **Potential Concepts**

- 1. Renovate and add an addition to the existing police station.
- 2. Build a new police station on the existing police station site.
- 3. Renovate and add an addition to the existing village hall for the police station.

Each option will be discussed in this section.

It should be noted that the option of building a new police station on a new site was considered, but ultimately discarded as the village did not want to have to purchase any new property, which would increase the cost of the project.

### **Site and Building Concepts**

## Concept 1. Renovate and Add an Addition to the Existing Police Station

The goal of this concept is to address the three largest deficiencies in the police station, which includes the lockup and holding, evidence, and locker room areas. The addition and renovation work would need to be constructed in such a manner that the police department can still function without the use and expense of temporary facilities.

### **Building Reuse Considerations**

This concept reuses the existing building, so it is appropriate to discuss any potential issues with reusing the building.

- The building was built in 1992 with a stair and elevator addition added in 2002.
- Since 2002, no major work, other than routine maintenance, has been performed on the building with exception of fixing a watermain break under the building.
- If any significant work is done to the building, current building codes will require the building to be updated to critical facility

standards for structural loads (wind and seismic). These requirements were not required under the building codes in effect when the building was originally constructed in 1992 or for the 2002 addition

- If any significant work is done to the building, the building must be updated to meet critical operations power systems per the building code. This code requirement was first enacted in 2008 versions of the building code.
- If the building is remodeled, it will need to meet the International Energy Conservation Code (IECC) as adopted by the State of Illinois [20 ILCS 3125] in 2007 and has become stricter over time.
- If the building is remodeled, it will be required to comply with current accessibility codes including the Illinois Accessibility Code and the Americans with Disabilities Act (ADA).
- The building will require extensive remodeling / renovation to correct building infrastructure issues, including plumbing and HVAC.
- The building will require major work and an addition to allow it to function as a modern police station.
- Adding an addition will be difficult due to the configuration of the building.

#### Site Information

Site concept development consisted of analyzing the current police station site, located on Crystal Lake Road to determine if this site can effectively accommodate an addition capable of addressing the three largest deficiencies of the police station as discussed above.

The site is bounded by West Oak Street to the north, Crystal Lake Road to the east, the Safety Education Center and skate park to the south and Decatur Avenue to the west. The existing police station is set within a residential neighborhood. Parking is located on grade for the police department, and visitors. Additional parking is available at the Safety Education Center and skate park.

Utilizing information from the space needs analysis, FGM began developing potential site diagrams and program stacking arrangements depicting how the space needs of the police department could be accommodated on the existing site. These

diagrams consider the size of the facility, the parking requirements, and the traffic flow through the site.

### **Concept Development**

Based on space needs requirements to solve the deficiencies of the lockup and holding, evidence, and locker room areas, an addition of approximately 13,839 square feet was determined to be required. Plan diagrams were developed, exploring which critical program elements could be accommodated with the existing remaining space. For implementation, the addition would be constructed first, allowing police functions to temporarily function out of the addition while the existing building is renovated.

The resulting concept renovates the existing 12,128 square feet police station and with the addition, is a total of 25,967 square feet in size.

- The police station is approximately 9,700 square feet smaller than required to accommodate all the program areas required to meet the long-term needs of the police department because the space available for an addition is limited by the site area.
- Police department staff parking is short by 14 spaces.
- Visitor parking is short 11 spaces.
- The police department will need to continue relying on use of existing space at the 2 Oak Annex and Safety Education Center for storage and training needs.

#### **Concept 1 Pros and Cons**

#### **Pros**

- The village owns the property.
- This concept improves key functional areas including lockup and holding, evidence, and locker room areas.
- The police department can stay functional on this site during construction.

### Cons

• This concept does not meet the long-term space requirements of the police department.

- This concept does not meet the parking requirements.
- This concept does not meet the security requirements for providing separate staff and visitor parking.
- This concept does not eliminate the need for remote training and storage use of the Safety Education Center and 2 Oak Annex.
- Training space does not meet capacity needs or security requirements.
- The public lobby is inadequate to meet the need for report rooms and toilet facilities.
- This concept is not expandable in the future as all available site area is utilized.

#### Conclusion

We do not believe the village will gain much value by attempting to reuse the existing building for the following reasons:

- The existing building has many deficiencies, as stated in the building reuse considerations above, so renovation work will be extensive.
- The existing building will need to be reinforced to meet current code required structural requirements. This will require further investigation to establish if it can be accomplished.
- Parking requirements cannot be met in terms of quantity and security.
- There is no room to expand to meet the police department's long-term needs.

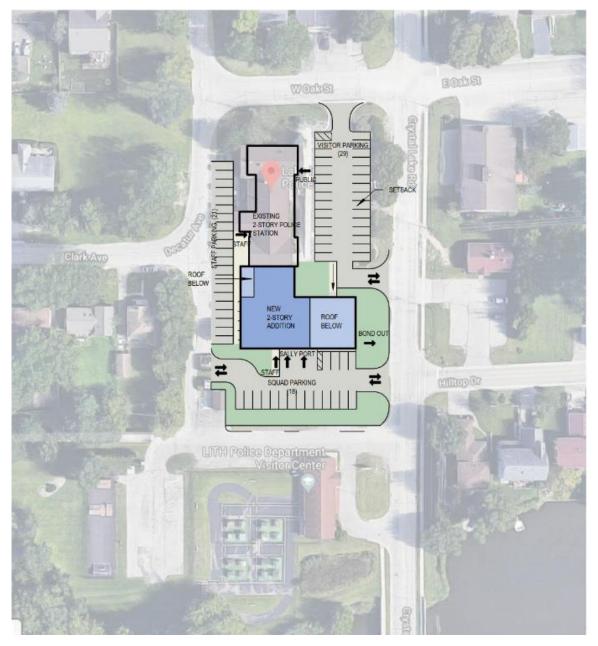
Because this concept does not have enough space to meet the long-term needs of the police department, this concept merely becomes a stop gap solution

#### **Concept Diagrams**

On the following pages are Concept 1 diagrams

- Conceptual Site Plan
- Conceptual Floor Plans

CONCEPT 1 – Renovate and Add Addition to Existing Police Station



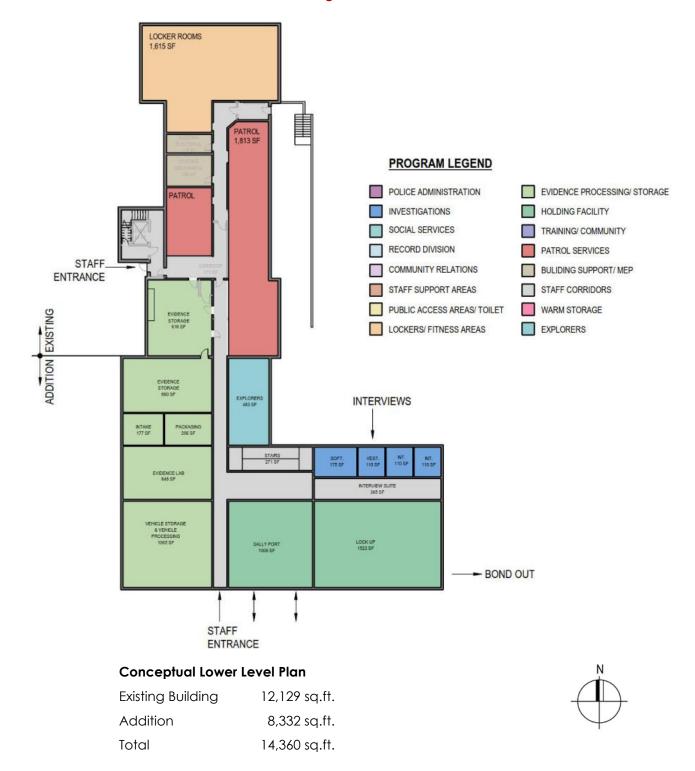
### **Conceptual Site Diagram**

Existing Building 12,129 sq.ft.
Building Addition 13,839 sq.ft.

Parking 68 spaces (39 staff and 29 public)



CONCEPT 1 – Renovate and Add Addition to Existing Police Station



### **PUBLIC** ENTRANCE PROGRAM LEGEND SOCIAL SERVICES 419 SF RECORDS 997 SF POLICE ADMINISTRATION EVIDENCE PROCESSING/ STORAGE INVESTIGATIONS HOLDING FACILITY SOCIAL SERVICES TRAINING/ COMMUNITY RECORD DIVISION PATROL SERVICES COMMUNITY RELATIONS **BULIDING SUPPORT/ MEP** STAFF SUPPORT AREAS STAFF CORRIDORS PUBLIC ACCESS AREAS/ TOILET WARM STORAGE ADDITION EXISTING LOCKERS/ FITNESS AREAS **EXPLORERS** ROOF BELOW ROOF BELOW MAJOR CASE ONT SF

### CONCEPT 1 – Renovate and Add Addition to Existing Police Station

### Conceptual Upper Level Floor Plan

Existing Building 6,101 sq.ft.

Addition 5,507 sq.ft.

Total 11,608 sq.ft.



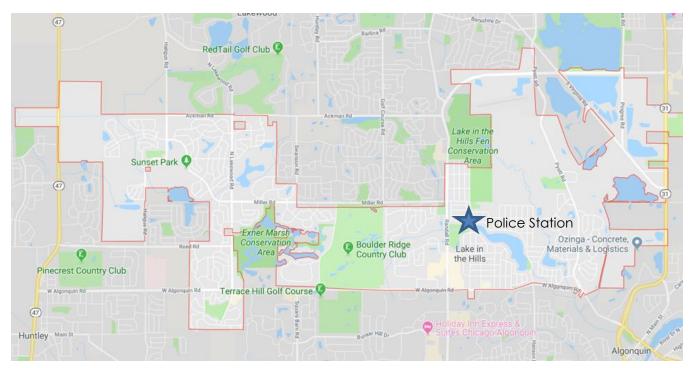
## Concept 2 Build a New Police Station on the Existing Police Station Site.

The goal of this concept is to identify if the existing site is large enough to accommodate a new police station meeting the long-term needs. The new police station would need to be constructed in such a manner that the police department can still function without the use and expense of temporary facilities.

#### **Police Location Considerations**

To answer the question if the existing site can be used for a new police station, the following question needs to considered:

Is this the best location for a police station in Lake in the Hills?



Map of Lake in the Hills

The following are some of the location issues that need to be considered when selecting where to build a new police station.

- How visible is the site to the public? Police stations are public facilities that should be easy to find.
- Does the location of the police station allow for easy access to and from all parts of the village? How difficult is it to more eastwest and north-south from the station?

- The existing police station is in a residential neighborhood. Are there situations that require rapid response from the station? Is releasing of detainees into the neighborhood acceptable?
- It has been noted during major rain events, flooding in Lake in the Hills can restrict access to the police station. Are there better places for the police station to be located that are more resilient to weather related events?



McHenry County Flood Map

### **Concept Development**

This concept is largely governed by the goal of keeping the existing police station in operation during construction. To do so, a phased approach is required. The first phase would build a new building over the existing parking lot to the east side of the site. After the police department moves into the new first phase, the existing police station would be torn down and the second phase of the new building would be constructed.

Concept 2 - Build a New Police Station on the Existing Police Station Site.

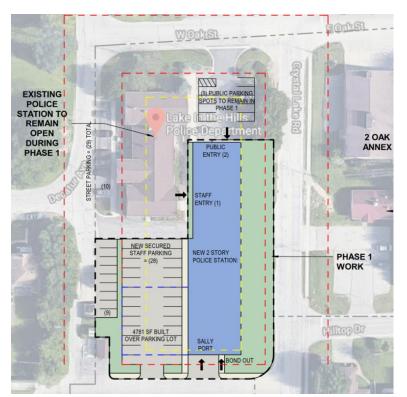


### **Existing Site**

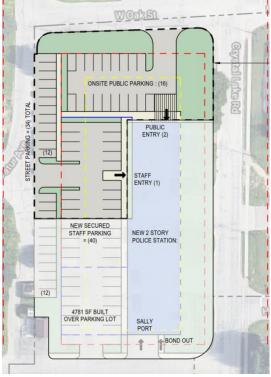


### Assumptions for Concept 2

- The existing site boundaries are shown in the red dotted line.
- The existing police station is to stay operational during construction.
- Variations to zoning setbacks will be granted by the village.



### Concept 2 - Build a New Police Station on the Existing Police Station Site.



Phase 1 – Build New Police Station

Phase 2 – Demolish Existing Police Station

The conceptual site planning shows how a new building can be planned to allow the existing police station to remain in operation during construction.

- The new building would be required to be relatively narrow so the existing building can remain. This layout may be less efficient and require additional space for functionality.
- Zoning variations will be required for building setbacks.
- The plan indicates the building to be a reverse "L" shape with one portion built over the parking lot. It was shown this way to allow for as many parking spaces as possible.
- The conceptual plan is short on parking 34 spaces. On street parking would be required.
- The plan would still require the use of the 2 Oak Annex for storage to meet the long-term space needs requirements.
- Stormwater detention will need to be located underground or offsite, which may increase costs.

Wooks ONSITE PUBLIC PARKING: (16) STREET PARKING = (34) TOTAL **PUBLIC** ENTRY (2) (12) STAFF ENTRY (1) NEW SECURED NEW 2 STORY POLICE STATION: STAFF PARKING = (40) (12) 4781 SF BUILT OVER PARKING LOT SALLY PORT BOND OUT

Concept 2 - Build a New Police Station on the Existing Police Station Site.

### Final Conceptual Plan

### **Concept 2 Pros and Cons**

### **Pros**

- The village owns the property.
- The police department can stay in operation during construction.

- The overall programmatic requirements for the long-term needs of the police department can be met.
- This concept improves key functional areas including lockup and holding, evidence, and locker room areas.

#### Cons

- The site can be isolated during major rainstorm events making travel to and from the police station difficult.
- This concept does not meet the parking requirements. Secure staff and visitor parking are short.
- Some of the staff and public parking is located on the street.
- This concept does not meet the security requirements for providing separate staff and visitor parking.
- This concept does not eliminate the need for storage use at the 2 Oak Annex.
- This concept is not expandable in the future as all available site area is utilized.

#### Conclusion

While this concept can meet the long-term building needs of the police department, there are many significant cons that make this option undesirable.

- The site is susceptible to being isolated during a major rainstorm.
- Parking requirements cannot be met in terms of quantity and security.

We question if the location of the police station is the best place for it being located in a residential neighborhood and not the easiest to access from all parts of the village.

Building a new police station on the current site will require zoning setback variations to fully utilize available site area and require street parking which may not be acceptable to the village.

We recommend the village explore alternative locations for a new police station

## Concept 3 Renovate and Add an Addition to the Existing Village Hall for the Police Station.

The goal of this concept is to review how a police station addition can be added onto the village hall which would bring both functions under one roof. The thought behind this concept is as follows:

- Having both village hall and police department functions at the same site offers improved service to the community.
- There is land available at the village hall site for a potential addition.
- Underutilized spaces at the village hall can be used for police functions which potentially reduces the amount of new construction necessary to meet the long-term needs of the police department.

#### **Village Hall Addition Considerations**

When considering adding a police station addition onto the village hall, it is prudent to look at the entire project from a holistic standpoint. This includes reviewing how the existing village hall site and building functions. Are there any issues that should be addressed as part of the planning process? In discussions with village staff, the following were identified as items that should be considered.

- The orientation of the village hall "turns its back" to the community. While the village hall is seen from Village Hall Drive and Harvest Gate to the south and west, the entry is not visible until the building is seen from the north after entering the parking lot.
- Access to the parking lot is off a curved portion of Harvest Gate, which is more difficult than accessing off a straight section of road such as Village Hall Drive.
- The Veterans Memorial is visible from Village Hall Drive, but access to the memorial is via pedestrian paths from the parking lot behind the building. For persons who have difficulty walking, visiting the memorial can be difficult.
- In the village hall, the customer service areas have been consolidated into one location which making access to village hall services easy for the community. However, this has made supervision and assistance from administrative staff more difficult as they are located across the building from the

- customer service area. The planning should review how this can be corrected.
- Even though there is underutilized space within the village hall, there are instances where staff from the same department have been split up and located in different parts of the building. For example, the village administrator and the assistant village administrator are located at opposite ends of the building.
- Currently, the village's recreation department utilizes the village hall for some recreation programming and hosts summer day camps. Where the programs are located would need to be reviewed by the village.



**Existing Village Hall Site** 



#### **Concept Development**

To begin the development of this concept, FGM met with staff to identify the space needs requirement of the village hall. The space needs assessment identified space requirements for each department located in the village hall. The resulting space needs program identified 23,398 sq.ft. of space is required for the long-term needs of the village hall. The long-term needs allow for some modest potential staff growth over time. For comparison, the existing village hall is 23,450 sq.ft. See the village hall space needs program located at the end of this section for additional information.

The village staff had identified existing spaces which are underutilized. Spaces identified includes the southeast portion of the first floor which was originally recreation program space and was converted into additional preschool space and community/meeting room space.

When developing the concepts, both the users of the village hall and police department recognize that community/meeting room space is necessary but is not needed on a daily basis. This is a potential area where spaces can be shared, thus reducing the overall space needs when considering a joint facility. Other areas where spaces can be shared include:

- Building Entrances
- Lobby space
- Public toilets
- Mechanical and electrical rooms

Another consideration that needed to be addressed in the concept development is the topography of the site. The village hall site is sloped on the east side to allow for a walk-out lower level. As the north and east sides of the building are areas where additions may be located, the topography becomes an important consideration.

The diagrams on the following pages illustrate the conceptual site and floor plans that were developed for this study.

SECRET FINE

SECRE

Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police Station.

**Conceptual Site Plan** 

The conceptual site planning reorients the building entrance towards Village Hall Drive, so the building entrance is visible to the community.

- The new entrance provides greater prominence to the Veterans Memorial
- New public parking is located directly off Village Hall Drive which also provides easy access to the Veterans Memorial.
- The existing parking lot to the north is reused for secure staff parking.
- An addition to relocate village hall functions is located on the south, adjacent to the proposed new main public entrance.
- An addition for the police station is located to the east.
- A small community room addition is located to the north.

POLICE STAFF ENTRY VH COMMUNITY ROOM ADDITION (657 SF) ROOF BELOW OCEAN COMMI MICATIONS MICATI MICATIONS MICATION (MICATIONS) 00 00 <del>00</del> 00 0000000 000 DATHERS NINGS (MSF) DETECTION OF THE PERSON OF THE VH STAFF ENTRY VESTIBULE ADDITION (154 SF) 0000000 ACKERN DPFICE ASSIST. (1900P) ACMIN MARKET MODEST MODEST \*\*\*\*\*\* ACKERN COMPT MINISTER (12000-1 | Marcon | M ACREM GEXTING LINE (1989) ROOF BELOW NEW SHARED PUBLIC ENTRY 898988 ARREST PRANCE DISECTION (40002) ASSIST. COMM SERVICES DEEXTOR (TERP) MAIN LEVEL POLICE ADDITION (8,521 SF) PER MINIST (MSF) PER MINIST (MSF) GREENAL SLICE STREE (GREEN) PUBLIC ACCESS AREA MARI SUPPORT SEP (COMP) VILLAGE HALL AND POLICE SHARED AREA VILLAGE HALL STAFF AREA POLICE STAFF AREA

Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police Station.

Overall First Floor Plan



The first-floor planning has building additions for the village hall and police department.

- The addition for the village hall, located to the south of the existing building allows for all village hall functions to be contiguous.
- The first floor accommodates all areas requiring public access and customer service areas for both the village hall and police department.

- Village hall department staff can be arranged to be able to provide supervision and support to customer service areas without having to cross the lobby.
- Village hall departments have enough workspace for the department's employees so they can be co-located, which allows for better communication and operational efficiency.
- Village hall conference rooms can be arranged so they are easily accessed by both staff and public.
- The lobby, public toilets, and meeting rooms are utilized for village hall and police department functions which provides greater utilization and reduces the amount of space required than if they were in separate buildings.
- Police department reception is located directly across the lobby from the village hall reception offering better customer service than if they were in separate locations.
- The east portion of the existing village hall is remodeled for police department use and a new two-story police station addition is located directly east.

Lower level planning accommodates primarily police department functions, but there are proposed shared meeting, facility maintenance, and storage areas too.

- The lower level of the existing village hall is largely unchanged, and the meeting room is proposed to be another shared space for village and police department use.
- The lower level addition is relatively isolated from view to the community and accommodates all areas requiring vehicular access and security. This includes lock up, evidence, and storage garage areas.

By placing an addition for the police department onto the village hall and sharing lobby, meeting, mechanical, maintenance and storage spaces, less space is needed than if they were separate buildings.

- The total programmed area for separate buildings is 60,902 sq.ft.
- The conceptual plan for a combined facility is 51,965 sq.ft.
- The proposed combined building is 8,937 sq.ft. less than if they were separate.

Enlarged conceptual floor plans are shown on the following pages.

NEW COMMUNITY FIOCH - 28 (TROSP) <del>uu uu</del> 99 99 00 00 **3** 8 8 8 aa B. BOARD ROOM SPACE (3262 SF) 99 99 NV S WHEST (486F) 000000 4 PUBLIC ACCESS AREA VILLAGE HALL AND POLICE SHARED AREA VILLAGE HALL STAFF AREA POLICE STAFF AREA GENERAL BLDG STRG. (1206F) CD CD WRKST WRKST (H48F) (H48F)

Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police Station.



Enlarged First Floor Plan of Village Hall and Public Access Areas

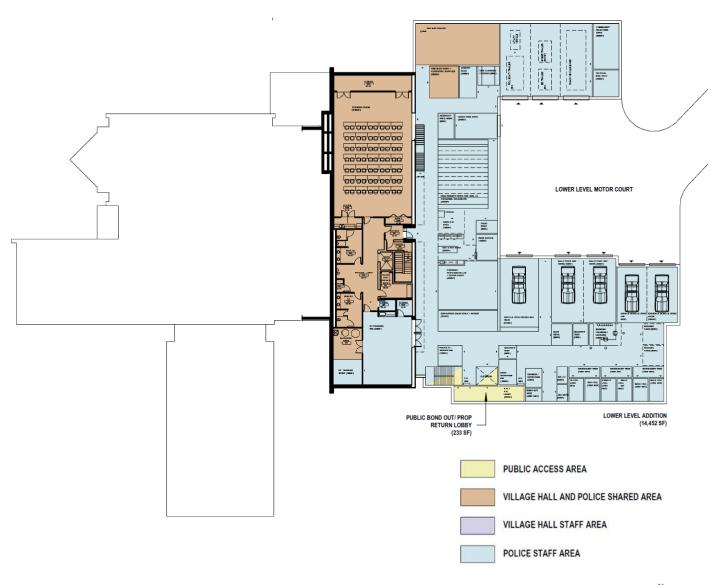
STAFF ENTRY 00000 ROOF BELOW C C 0000000 MAJOR CASE CONF. RM (18) (4438F) POLICE ADMINISTRATION EVIDENCE PROCESSING/ STORAGE INVESTIGATIONS HOLDING FACILITY SOCIAL SERVICES TRAINING/ COMMUNITY RECORD DIVISION PATROL SERVICES <u>"</u>a COMMUNITY RELATIONS **BULIDING SUPPORT/ MEP** STAFF SUPPORT AREAS STAFF CORRIDORS PUBLIC ACCESS AREAS/ TOILET WARM STORAGE LOCKERS/ FITNESS AREAS EXPLORERS 0000 GLOSET GLOSET CLOSET CLOSE ROOF BELOW 8000000 0000000

Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police Station.

Enlarged First Floor Plan of Police Areas



Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police Station.



Overall Lower Level Plan



Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police Station.



Enlarged Lower Level Plan



#### **Concept 3 Pros and Cons**

#### **Pros**

- The village owns the property.
- More prominence is given to the Veterans Memorial.
- The entry to the village hall is more easily identified as the entry now faces Village Hall Drive.
- The police department can stay in operation during construction.
- All parking requirements are met including providing secure staff parking.
- The overall programmatic requirements for the long-term needs of the police department can be met.
- This concept improves key functional areas including lockup and holding, evidence, and locker room areas.
- This concept eliminates the need for using 2 Oak Annex and the Safety and Education Center.
- This option is scalable and can be expanded in the future if needs change.
- There is good synergy between village hall and police functions which also improves service to the community as the building will be a one stop shop for all functions.
- The overall security of the village hall is improved.
- Staff functionality of the village hall is improved.
- Sharing public access and facility maintenance space reduces the amount of new construction required to meet the long-term needs of both the police department and village hall, which reduces the cost of construction.

#### Cons

- The recreation programming that currently takes place at the village hall will need to be relocated.
- Village hall operations will be disrupted during construction.
- The amount of green space around the village hall will be reduced.

## Concept 3 Renovate and Add an Addition to the Existing Village Hall for the Police Station.

#### Conclusion

Concept 3 meets all of the long-term needs of the police department and at the same time, improves operational issues at the village hall and gives greater prominence to the Veterans Memorial. The number of pros vs cons leads us to recommend this option as the best solution for solving the space needs issues of the police department.

### Village Hall Space Needs Program

Following this page is the village hall space needs program referenced in Concept 3.

Village Hall Space Needs Program

Pages 1-5

Note that Space Needs Programs attempt to compare the size of existing space to space required. In many cases, it is difficult to provide an "apples to apples" comparison because many spaces accommodate more than one function in the existing building. Therefore, we suggest using the space comparison as a general comparison only.

Page 1 of 5

Village of Lake in the Hills			FGM ARCHITECTS
Village Hall Space Needs Program			July 28, 2019 FGM #: 19-2668.01
Room/Areg/Space	8	₩. F.	Notes
	Existing	Pro posed	
A PUBLIC ENTRY / PUBLIC ACCESS AREAS		ļļ	
1.0 Entry Vestibule	169	169	Existing Sa. Ft. includes both upper and lower levels
2.0 Lobby	1,632		Provide seating for (4-6)
3.0 Closet	13	13	- 1
4.0 Public Toilets	349	349	Men's: 2 toilets, 2 urinals and 2 lavs. Women's: 3 Toilets and 2 lavs.
5.0 Public Entry / Public Access Areas Sub-Total	2,163	2,163	
6.0 Circulation, Wall, and Mechanical Shaff Space	-		Included in spaces
7.0 PUBLIC ENTRY / PUBLIC ACCESS AREAS TOTAL	2,163	2,163	
B BOARD AND MEETING ROOMS			
1.0 Board Room Entry Alcove	202	202	
2.0 Board Room / Community Room	2,155	2,155	Seating for (80) people, with dais and staff tables
3.0 Audio/Visual Equipment	76	72	Closet for Audio/Visual Equipment
4.0 Storage	0/	0	General storage
5.0 Table and Chair Storage	1	150	
6.0 Credenza Storage Counter	٠	•	Long counter w/storage cabinets for Community/Training Room
⊽	357	350	To support Community/Training room functions
8.0 Executive Session Conference Room	335	375	Conference seating for (12)
Ü	694	,	
10.0 Storage	82	•	
므	2,117	2,0	
	99	8	
	37	200	·
14.0 Storage	271	3	
19.0 Public Toilets (lower level)	368		Men's: 1 toilet, 1 uninal and 2 lavs. Women's: 2 Toilets and 2 lavs.
20.0 Board and Meeting Rooms Sub-Total	6,786	5,956	
21.0 Circulation, Wall, and Mechanical Shaff Space	-	1,787	
22.0 BOARD AND MEETING ROOMS TOTAL	6,786	7,743	
C. ADMINISTRATION			
1.0 Village President's Office	229	225	Desk, credenza, soft seating area, small conf. table, bookcases
2.0 Closet	•	01	
3.0 Village Administrator's Office	227	185	"U" shaped workstation, (2) guest seats
4.0 Closet	,	01	
5.0 Assistant Village Administrator's Office	١	150	
	170	120	"U" shaped workstation, (2) guest seats
7.0 Economic Development Coordinator's Office	,	120	"U" shaped workstation, (2) guest seats

FGM #19-2668.01

Lake in the Hills Village Hall Comparison Space Needs Program

Page 2 of 5

Village of Lake in the H	e Hills		FGM ARCHITECTS
Village Hall Space Needs Program			July 28, 2019 FGM #: 19-2668.01
Room/Area/Space	Ş	Sq. Ft	Notes
	Existing	<b>Proposed</b>	
8.0 IT Manager's Office	129	120	"U" shaped workstation, (2) guest seats
9.0 Open Office Workstations	0	576	(6) 8x8"U" shaped workstations
10.0 Administrative Waiting	845	8	Guest seating for (4)
11.0 Coat Closet	10	15	
12.0 Administrative Conference Room	283	420	420 Conference Seating for (14) with credenza
13.0 Secure Files/Administrative Storage	105	100	Allowfor (3) 4-drawer 42" wide lateral files and (7) 4-drawer letter files
14.0 Administrative Storage Closet	-	92	Secure supply starage
15.0 Copy/Workroom	207	120	Area with copier, shredder, work counters, starage
16.0 Server Room	145	145	
17.0 Coffee Area		88	
	-	99	Single User Toilet
19.0 Administration Sub-Total	2,361	2,586	
1echan	ical Shaft Space 292	905	
21.0 ADMINISTRATION TOTAL	2,653	3,491	
D. FINANCE AND CUSTOMER SERVICE			
1.0 Finance Director	187	150	"U" shaped workstation, (2) guest seats, lateral file
2.0 Assistant Finance Director's Office	129	120	"U" shaped workstation, (2) guest seats, lateral file
3.0 Open Office Workstations	1 271	662	(9) 7x7" L"shaped workstations
4.0 Reception Desk		8	(3) reception positions required
5.0 Copy/Workroom		120	Area with copier, shredder, work counters, storage
6.0 Conference Room	219	225	225 Seating for (6)
7.0 Storage	112	8	
8.0 Files	311	311	High density files. Existing includes temporary staff desks
9.0 Finance and Customer Service Sub-Total	2,	1,758	
10.0 Circulation, Wall, and Mechanical Shaft Space		615	
11.0 FINANCE AND CUSTOMER SERVICE TOTAL	TAL 2,356	2,373	
E. COMMUNITY SERVICES			
1.0 Community Services Director's Office	184	150	
2.0 Community Development			
3.0 Assistant Director's Office	128	13	"U" shaped workstation. (2) auest seats
4.0 Open Office Workstations	389	509	(3) 7×7' "L" shaped workstations and (3) 8×8' "U" shaped workstations
5.0 Storage	16		
6.0 Close†	14	4	•
7.0 Conference Room		280	Table with seating for (8)

Lake in the Hills Village Hall Comparison Space Needs Program

Page 3 of 5

>	Village of Lake in the Hills		FGM AR	FGM ARCHITECTS
<b>&gt;</b> §	Village Hall Space Needs Program		FC	July 28, 2019 FGM #: 19-2668.01
	Room/Area/Space	Š.	Notes	
		Existing	pasodo	
	8.0 Parks and Recreation			
		128	120 "U" shaped workstation, (2) guest seats	
	10.0 Recreation Supervisor's Office	160	÷	
	11.0 Open Office Workstations	350	480 (4-5) 8'x8'"U" shaped workstations	
	12.0 Storage			
	13.0 Preschool			
	14.0 Preschool Classroom (upper level)	1,039	-	
	15.0 Closet	24		
	16.0 Preschool Classroom (lower level)	776		
	17.0 Storage	26		
	18.0 Room 129	162		
	19.0 Room 130	76		
	20.0 Room 131	202		
	21.0 Closet	10		
	22.0 Room 132	129		
	23.0 Room 133	129		
	24.0 Room 134	183		
	25.0 Preschool Classroom (lower level)	776		
	26.0 Storage	99		
	Community Services Sub-Total	4,987	1,969	
	Circulation, Wall, and Mechanical Shaft Space	,	689	
	COMMUNITY SERVICES TOTAL	4,987	2,657	
u.	STAFF SUPPORT AREAS			
	1.0 Staff Entry	28	09	
	2.0 Lunchroom with Kitchenette			
	3.0 Mud Room		40 With area for wet gear	
	4.0 Staff Toilets Allowance		450 Allowance for toilet rooms throughout the building	
	5.0 Storage	18	- Located in closetallowance below	
	6.0 Storage	40	٠	
	7.0 Closet Allowance		100 Allowance for closets throughout the building	
	8.0 Staff Support Areas Sub-Total	58		
	9.0 Circulation, Wall, and Mechanical Shaff Space	-	312	
	10.0 STAFF SUPPORT AREAS TOTAL	58	1,202	
(				
j	LUBININIA/FELILIT MININISIANINI			

FGM #19-2668.01

Lake in the Hills Village Hall Comparison Space Needs Program

>	ila	Village of Lake in the Hills			FGM ARCHITECTS
> જ		Village Hall Space Needs Program			July 28, 2019 FGM #: 19-2668.01
		Room/Area/Space	ß	Sq. FF	Notes
	İ		Existing	Pro posed	
	Q.		,	8	Storage of supplies
	2.0	Janitor's Closet Allowance	•	8	For janitorial storage
	3.0	3.0 Mail and Delivery Storage Room	•	8	
	4.0	4.0 General Building Storage	,	400	
	5.0	5.0 Loading/Facility Maintenance Sub-Total		089	
	6.0	Circulation, Wall, and Mechanical Shaft Space	,	204	
ļ	7.0	LOADING FACILITY MAINTENANCE TOTAL	•	884	
I	MECH	MECHANICAL AND ELECTRICAL SPACES			
	C	1.0 Emergency Generator	,	,	DOOTE DITRICE
		20 Mochanical Doom(e)			UVAC Direction and time Drate after Carriement
	3.0	3.0 Flectrical Room	641	179	
	2 4	4 0 Gas Service Room	5		In machanical room
	5 6	5.0 Elevator	5		In circulation space allowance
	3 4	6.0 Elevator Machine Poom	38	,	In circulation space allowance
	7.0	Telephone Service Room	3	\$	D-mark room
	8.0	8.0 Mechanical and Electrical Spaces Sub-Total	879	189	
ļ	0.6	Circulation. Wall, and Mechanical Shaft Space		204	
	100		870	88	
	2		5	3	
			19,882		
		TOTAL BUILDING AREA	23,450		
-		TOTAL BUILDING AREA REQUIRED - 1 Shry	•	21,378	Area required for one stay building
	,			6	
				200,4	
-;		TOTAL BUILDING AREA REQUIRED - 2 Story	•	23,398	Area required for two stary building
>	DADKI	A DA DY INC.			
	1.0	1.0 Village Vehicles			
	2.0	2.0 Administrative Vehicles		5	
	3.0	3.0 Bus		1	15 person bus
	4.0	4.0 Total Village Vehicles		9	
Ĩ					
	- -	.0 Start Parking			

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ce in the Hills Villac	,
9	

Page 5 of 5

>	ila	Village of Lake in the Hills			FGM ARCHITECTS
<b>&gt;</b> §		Village Hall Space Needs Program			July 28, 2019 FGM #: 19-2668.01
		Room/Area/Space	Š	\$q. #.	Nofes
			Existing	Pro posed	
	2.0	2.0 Staff Parking		29	
	3.0	3.0 Total Staff Parking Required		29	
		Total Village Vehicle and Staff Parking Required		35	
		Visitor and Meeting / Training Parking		40	
_	MISCE	MISCELLANEOUS OUTDOOR SPACES			
	0.1	1.0 Plaza Entrance		800	For flagpoles, seating
	2.0	2.0 Trash Enclosure		200	
	3.0	Generator Enclosure		800	Allow area 20'x40'
	4.0	4.0 Transformer Enclosure		300	
	5.0	5.0 Outdoor Staff Area		400	
	0.9	6.0 Secure Evidence Remote Storage Shed		901	For secure storage of large and hazardous items
		0			
		\$Njobo)2019\P2888o\ADIJM\1.0 Raject1/Jonagement& Programming\1.2 Bulding Program\Laie in the HIsVH Ragram 2019.07 28.s	Pogram\⊿ake in ‡	e His VH Rogram 2	09 O 26 Az

# SECTION 7 CONCEPTUAL PROJECT BUDGETS

### **Project Budgets**

As part of this study, FGM has provided conceptual budgets to implement a project. For the attached summaries, the Total Project Budget includes the cost of construction, fees and soft costs for each of the schemes.

Costs are based on a quality municipal structure that will be serviceable for 30+ years assuming an appearance and use of materials that are complimentary to other municipal facilities in Lake in the Hills.

Costs are based on a spring/summer 2021 construction start. Budgets will need to be escalated for inflation as required annually after that time frame. Cost ranges have been provided as design work is no actual design work has been performed.

### **Budgeting Methodology**

FGM has an extensive database of cost information for police stations and used cost per square foot estimates as the budgeting methodology for the conceptual budgets. To verify budgets, FGM also consulted with local area builders. Because no actual design work has been performed, a budget range is provided for construction costs as well as a Total Project Budget.

#### Components of a Budget

When developing cost estimates for a construction project for a municipality, it is helpful to have a total project budget, so the village knows the overall costs for a project. Most often, when project costs are discussed, only construction costs are presented. The components of a total project budget include the following items.

### • Construction Costs

- Public projects in Illinois are also subject to prevailing wage laws for site and building construction.
- Price Escalation accounts for inflation over time. Often, construction inflation out paces the consumer price index.
- Design and Construction Contingencies
  - Contingency funds provide funds to take care of unknown issues during design and construction.
- Soft Costs
  - Owner purchased items including, furniture, equipment, computers, telephones, telephone and radio boosters, etc.
  - Fees and Other Soft Costs including Architectural and Engineering fees, surveys, soil testing, commissioning,

moving costs, etc.

- Owner Contingencies
  - Owner contingencies provides funds for unexpected issues for owner purchased items

### Why Police Stations Cost More Than Other Buildings

When discussing budgets for a police station construction project, it is important to understand that police stations are subject to more special requirements that most buildings making it more costly. Some of the requirements are as follows.

- Requirements Police stations are subject to stricter building code requirements than many other building types.
  - The building code deems police stations a critical facility, therefore, there are increased structural requirements; i.e.: being able to withstand 120 mph vs 90 mph winds.
  - Critical operations power systems are required per the building code. This includes emergency backup power and protected power systems (surge and lighting protection).
  - Holding areas are subject to requirements of the Illinois Department of Corrections. Lockup and holding cell construction is costly
- Police stations must be designed for 365/24/7 use.
- Evidence specialty equipment is costly. Specialized equipment is used for processing and handling of evidence.
- A high level of security is required which is costly. This includes physical security, such as bullet resistant windows and electronic security, including CCTV cameras and door access controls.
- Police stations by law require a significant amount of audio/visual/recording equipment.

### **Cost Summaries**

A summary of costs for each concept presented is as follows.

### Concept 1 Renovate and Add an Addition to the Existing Police Station

This concept is to addresses the three largest deficiencies in the police station, which includes the lockup and holding, evidence, and locker room areas, but does not meet the long-term space or parking requirements of the police department.

A summary of costs for Concept 1 is as follows.

Item	Low	High
Total Construction Costs	\$9,556,407	\$10,181,569
Design & Construction Contingency	\$955,641	\$1,018,157
Fees and Soft Costs	\$1,505,084	\$1,713,975
Owner Contingency	\$150,508	\$171,975
Total Project Budget	\$12,645,461	\$13,594,178

For additional information, see the Conceptual Budget for Stop Gap Solution - Renovation and Addition to Existing Police Station

### Concept 2 Build a New Police Station on the Existing Police Station Site.

This concept constructs a new police station on the existing police station site. The long-term space needs of the police department can be met if the 2 Oak Annex building is kept, but the parking requirements cannot be met. Building a new police station at this site is also questionable due to its location in a residential neighborhood, access to the rest of the village, and access during a significant rain event due to flooding.

A summary of costs for Option 2 is as follows.

Item	Low	High
Total Construction Costs	\$16,178,07	\$17,005,324
Design & Construction Contingency	\$1,617,808	\$ 1,700,532
Fees and Soft Costs	\$2,315,671	\$2,555,547
Owner Contingency	\$231,567	\$255,547
Total Project Budget	\$ 21,152,029	\$22,367,138

For additional information, see the Conceptual Budget for Concept 2 - New Police Station on Existing Site

### Concept 3 Renovate and Add an Addition to the Existing Village Hall for the Police Station.

This concept has the police station and village hall which would bring both functions under one roof to improve service to the community. This concept meets the long-term needs of the police department and village hall. The planning takes into account underutilized space at the village hall and through the sharing of space, reduces the amount of new construction necessary.

A summary of costs for Concept 3 is as follows.

Item	Low	High
Total Construction Costs	\$15,079,118	\$16,103,242
Design & Construction Contingency	\$1,507,912	\$1,610,324
Fees and Soft Costs	\$2,492,898	\$2,756,653
Owner Contingency	\$249,290	\$275,665
Total Project Budget	\$19,329,217	\$ 20,745,885

For additional information, see the Conceptual Budget for Concept 3 - Police Station Addition and Renovations to Village Hall.

### **Total Project Budget Comparisons**

A summary of the total project budgets from each of the concepts is shown below.

Item	Low	High
Concept 1 Stop Gap Plan Renovation/Addition to Police Station	\$12,645,461	\$13,594,178
Concept 2 Long Term Solution New Police Station on Existing Site	\$21,152,029	\$22,367,138
Concept 3 Long Term Solution Renovation/Addition to Village Hall	\$19,329,217	\$ 20,745,885

### **Project Budget Attachments**

Following this page are the conceptual project budgets for the three concepts presented in this report.

### **Budget Summary**

Page 1 of 1

### Renovation and Addition to Existing Police Station

Conceptual Budget for Stop Gap Solution - Renovation and Addition to Existing Police Station Pages 1-2

### Build a New Police Station on Existing Site

Conceptual Budget for Concept 2 - New Police Station on Existing
Site Pages 1-2

### Police Station Addition and Renovations to Village Hall

Conceptual Budget for Concept 3 - Police Station Addition and Renovations to Village Hall Pages 1-2

Village of Lake in the										Nov	, d	
Police Department Spo	Ž	Spave Needs Analysis	ds	Anal	X	<u>.s</u>				FGN	# V	November 8, 2019 FGM #: 19-2668.01
					Ш	POTENTIAL SOLUTIONS	SOLU	TIONS				
ltem		Stop Gap - Renovation and	enovo ing P.	ation and	ខឺ	Concept 1 - New Police Station	w Poli	ce Station		Concept 2 - Renovation and	enova	tion and
	ŧ	Low	ñ	High		Low	20	High	•	Low	<u> </u>	High
Total Construction Costs	₩.	9,556,407	€	10,181,569	↔	16,178,079	€9	17,005,324	↔	15,079,118	€9.	16,103,242
Confingencies	₩	955,641	₩.	1,018,157	↔	1,617,808	↔	1,700,532	↔	1,507,912	↔	1,610,324
Total Construction Budget	so.	10,512,047	v	11,199,726	s	17,795,887	so.	18,705,856	so.	16,587,030	v	17,713,567
Allowances for Items to be Purchased by the Village	₩.	365,000	↔	456,000	\$	706,000	€\$	813,000	↔	856,000	€	000′896
Allowances for Hems Fees and Soft Costs	↔	1,140,084	↔	1,257,975	↔	1,609,671	€	1,742,469	€	1,636,898	₩.	1,793,653
Owner's Conlingency	₩.	150,508	↔	171,398	↔	231,567	↔	255,547	↔	249,290	↔	275,665
TOTAL PROJECT BUDGET	S.	12,645,461	s,	13,594,178	s	21,152,029	s.	22,367,138	S	19,329,217	s,	20,745,885
Notes:												
Project Budgets are preliminary and are based on historical square foot cost information. Project Budgets are based on a Fall 2021 construction start date. Project Budgets do not include legal fees or financing costs.	orica start costs	square foot o date.	i sost ir	nformation.								
Construction Costs are based utilizing a Construction Management project delivery method.	Mana	gement proje	ctde	elivery metho	ਰਂ							
SViches 2019 V 10-2648 01 V ADMINN 1 0 PMN 1 08 Feftmenting Note in the Hill Burdoett 2010-1 1-38 vis	Ī	R. doet 2019-11-	% %									

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Lake in the Hills Police Department Space Needs Analysis Budget Summary

FGM Project # 19-2668.01

## Station   Filan Cost   Remarks	Village of Lake in the	the Hills							FGM ARCHITECTS
Construction Cost   Remarks   Low   High   High   Low   High   Low   High   Low   High   H	Police Station Renov	ration .	<u>ם</u>	A br	\ddii	lion	J Police	Stoffion	November 8, 2019 FGM #: 19-2448 01
Quantity   Unit   Cost/Unit   Construction Cost									
Con   Low   High   H	Item	Quantity	uni	ខំ	t/Unit		Construct	on Cost	Remarks
ON   12,128   s.f.   \$ 6   \$ 8   \$ 72,768   \$ 97,024     1   12,128   s.f.   \$ 255   \$ 275   \$ 3,092,640   \$ 50,000     1   13,839   s.f.   \$ 400   \$ 420   \$ 5,535,600   \$ 5,812,380     1   13,839   s.f.   \$ 400   \$ 420   \$ 5,535,600   \$ 5,812,380     25,967	, and a second s			Low	High	Ĭ	š	High	φ
12,128 s.f. \$ 6 \$ 8 \$ 72768 \$ 50,000     12,128 s.f. \$ 255 \$ 275 \$ 3,092,640 \$ 5,812,380     13,839 s.f. \$ 400 \$ 420 \$ 5,535,600 \$ 5,812,380     13,839 s.f. \$ 400 \$ 420 \$ 5,535,600 \$ 5,812,380     13,839 s.f. \$ 400 \$ 420 \$ 5,535,600 \$ 5,812,380     13,839 s.f. \$ 400 \$ 420 \$ 5,535,600 \$ 5,812,380     13,839 s.f. \$ 400 \$ 420 \$ 5,535,600 \$ 5,812,380     13,839 s.f. \$ 400 \$ 420 \$ 5,812,380     13,839 s.f. \$ 400 \$ 420 \$ 5,812,380     13,839 s.f. \$ 400 \$ 5,812,380     14,119 \$ 11,119 \$ 12,812,380     15,812,381 \$ 11,119 \$ 12,812,380     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 11,119 \$ 12,812,381     15,812,381 \$ 12,812,381 \$ 12,812,381     15,812,3812,381 \$ 12,812,381     15,812,3812,381 \$ 12,812,381     15,812,3812,381 \$ 12,812,381     15,812,3812,381 \$ 12,812,381     15,8	POLICE STATION RENOVATION AND ADDITION								
12,128 s.f. \$ 6 \$ 8 \$ 72,768 \$ 50,000	Site Preparation								
12,128   s.f.   \$ 255   \$ 3,092,640   \$ 3,335,200     13,839   s.f.   \$ 400   \$ 420   \$ 5,535,600   \$ 5,10,000     25,967	Environmental Remediation (asbestos) Selective Demolition of Existing Building			allow \$ 6	allow \$	s s	40,000 72,768		Assumed some remediation is required Prep work for new construction
12,128   s.f. \$ 255 \$ 275 \$ 3,092,640 \$ 5,835,200     13,839   s.f. \$ 400 \$ 420 \$ 5,635,600 \$ 5,812,380     25,967	Construction								
13.839	Major Penovation of Evicting Police Station	12 128	۰Ę		•		·•••••		
Comparison   Com	Two Stoy Police Station Addition	13 839	, t		٠ ٠				
10,000   1	Phasing Costs	ò	,	15	, 5	ò	·		
\$ 635.399 \$ 676,965	Sub-Total	25,967				l	·	6	T
the Village         \$ 9,556,407         \$ 10,1181,549           the Village         \$ 477,820         \$ 509,078           d by the Village         \$ 250,000         \$ 250,000           4 by the Village         \$ 15,000         \$ 456,000           5 15,000         \$ 250,000           4 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           5 5,000         \$ 250,000           6 5,000         \$ 250,000           7 5,000         \$ 250,000           8 5,000         \$ 456,000           8 5,000         \$ 456,000           8 5,000         \$ 35,000           8 5,000         \$ 35,000	Feculation (3.5% ner annum fortwo vears)						725 200		
the Village         \$ 9,556,407         \$ 10,181,569           the Village         \$ 477,820         \$ 509,078           d by the Village         \$ 250,000         \$ 250,000           d by the Village         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000           \$ 5,000         \$ 25,000         \$ 25,000									
\$ 477820 \$ 509,078	Total Construction Costs						556,407		
the Village         \$ 477,820         \$ 509,078           the Village         \$ 200,000         \$ 250,000           following         \$ 50,000         \$ 60,000           following         \$ 15,000         \$ 456,000           following         \$ 346,084         \$ 1,007,975           following         \$ 25,000         \$ 35,000	Design and Pricing Contingency (5%)						477,820		
the Village       \$ 10,512,047       \$ 11,199,7226         Abythe Village       \$ 200,000       \$ 250,000         Abythe Village       \$ 50,000       \$ 60,000         Abythe Village       \$ 36,500       \$ 456,000         Abythe Village       \$ 365,000       \$ 35,000         Abythe Village       \$ 365,000       \$ 15,000         Abythe Village       \$ 365,000       \$ 35,000         Abythe Village       \$ 365,000       \$ 35,000	Construction Contingency (5%)					€4	477,820		
the Village	Total Construction Budget					1 1	12,047	\$ 11,199,726	
\$ 200,000   \$ 26	Allowances for Items to be Purchased by the Vill	age							
\$ 50,000   \$ 60,000   \$ 60,000   \$ 60,000   \$ 25,000						49	200,000		Assumes some reuse
\$ 20,000   \$ 25,000	Computer Systems					€4	······		0
\$ 5,000 \$ 6,000	Wireless Network System					€4			
\$ 50,000   \$ 60,000	Maintenance/Janitorial Equipment					4	5,000		
\$ 25,000	Telephone System					€4	50,000	\$ 60,000	
d by the Village         \$ 15,000         \$ 20,000           4 by the Village         \$ 365,000         \$ 456,000           5 946,084         \$ 1,007,975           6 35,000         \$ 35,000	Wireless Telephone Boosters/Amplifiers					₩.	25,000		
d by the Village \$ 365,000 \$	Miscellaneous Equipment and Furnishings						15,000	\$ 20,000	For items such as art, plants, bond safe, etc.
\$ 946,084 \$	Total Allowances for Items to be Purchased by th	ne Village					365,000	\$ 456,000	
\$ 946,084 \$	Allowances for Home Food and Soft Costs								
\$ 25,000 \$	Architectural and Engineering Fees (9.0%)								Incl. civil, security and landscape design
	Furnishings Design Fee								35,000 Design, procurement and project mamt

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Lake in the Hills Police Station Stop Gap Solution - Renovation and Addition

Police Station Renovation and Addition  Conceptual Budget for Stop Gap Solution - Renovation and Addition to Existing Police Station	ilion		
onceptual Budget for Stop Gap Solution - Renovation and Addition to Exis			November 8, 2019
	Existing Police Static	uo	FGM #: 19-2668.01
Ifem Cost/Unit	Construction Cost		Remarks
Low High	Flow	High	
	12,000 \$	8	Asbestos and lead testing
TIONS	12,000	17.000	
struction	25,000	30.000	
	40,000	÷	Code required commissioning
Printing Costs	5,000	i	
ny Charges (Electric, Gas, Telephone)	25,000	30,000	
	40,000	·····	Two moves
uing construction	10,000	15,000	
Total Allowances for Fees and Soft Costs	1,140,084 \$ 1	,257,975	
Owner's Contingency	150,508 \$	171,398	10% of Allowances
TOTAL PROJECT BUDGET	12,645,461 \$	13,594,178	
NASC.			
Project Budgets are preliminary and are based on historical square tool cost information.  Project Budgets are based on a Fall 2021 construction start date.	MION.		
The state of the s			
rroject budgets do not include legal tees of infancing costs.			
Construction Costs are based utilizing a Construction Management project delivery method	method.		
iobs/2019/19-2448 01/ ADMIN/1 0 PM/1 08 Referention/Loke in the Hills Burdent 2019-11-08 yie			
5:Vobs/2019/19-2008:01/ADMIN/1.0 PMY1.08 ESTIMATING/LOKE IN THE PHIS BUDGES 2019-11-08 XIS			

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VIIIAGE OT LAKE IN THE  New Police Station  Conceptual Budget for Concept 2 - New	he Hills  -  ew Police Station on Existing Site	tion o	n Existi	ing Site				November 8, 2019 FGM #: 19-2668.01
Item	Quantity	unit	ပိ	Cost/Unit	Con	Construction Cost	n Cost	Remarks
			Low	High	No		High	
NEW POLICE STATION ON EXISTING SITE								
Site Preparation			=	:	•			
Environmental Remediation (aspestos) Demolítion of Existing Building	12,162	s.f.	allow \$	9 \$ 8	A 64	40,000 \$ 60,810 \$	50,000 72,972	Assumed some remediation is required
Construction								
New Two Stary Police Station	37,504	s.f.	\$ 400	\$ 420	\$ 15,001,600	\$ 009	15,751,680	Assumed use of precast concrete
Sub-Total					€3		15,874,652	
Escalation (3.5% per annum for two vears)					\$ 1075.449	\$ 699	1 130 672	Assume construction starts in Fall 2021
					ı		1,00,001,1	
Total Construction Costs					\$ 16,178,079	079 \$	17,005,324	
Design and Pricing Contingency (5%)					\$ 808	808,904 \$	850,266	
Construction Contingency (5%)					\$ 808	808,904 \$	850,266	
Total Construction Budget					\$ 17,795,887		\$ 18,705,856	
Allowances for Items to be Purchased by the Village	ge							
Furniture and Equipment						480,000 \$	530,000	Assumes new furniture and furnishings.
Computer Systems						\$ 000′08	100,000	
Wireless Network System						20,000 \$	30,000	
Maintenance/Janitorial Equipment					\$		8,000	
Telephone System							90,000	
Wireless Telephone Boosters/Amplifiers						25,000 \$	35,000	•••••••••••••
							20,000	For items such as art, plants, bond safe, etc.
Total Allowances for Items to be Purchased by the	by the Village				\$ 706,	\$ 000′90′	813,000	
Allowances for Items Fees and Soff Costs								
Architectural and Engineering Fees (8.0%)					\$ 1,423,671	\$ 1/9′	1,496,469	,496,469 Incl. civil, security and landscape design
Furnishings Design Fee					N		35,000	Design, procurement and project mgmt
Site Environmental Study (Phase I)					\$	\$ 000′9	8,000	
Surveys & Soil Investigations		•••••				10,000	15,000	

Lake in the Hills Police Station Concept 2 - New Police Station on Existing Site

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Site	
n on Existing	
Police Statio	
pt2 - New I	
ation Conce	
Hills Police St	
Lake in the	

Village of Lake in the Hills  New Police Station  Conceptual Budget for Concept 2 - New Police Station on Existing Site	the Hills n New Police Staf	lion o	n Existir	ng Site				FGM ARCHITECTS November 8, 2019 FGM #: 19-2668.01
Item	Quantity	unit	Cost	Cost/Unit		Construc	Construction Cost	Remarks
Material Testing During Construction			Low	High	<u>۳</u>	25000	High \$0 000	
Building Commissioning					•	40,000	\$ 50,000	
Printing Costs					↔	5,000	\$ 8,000	
Utility Company Charges (Electric, Gas, Telephone	je)				€4	30,000	\$ 40,000	
Moving Costs					€7	30,000	\$ 40,000	
Utility costs during construction					€3	15,000	\$ 20,000	
Total Allowances for Fees and Soff Costs					\$ 1,6	1/9′609′1	\$ 1,742,469	
Owner's Contingency					\$	231,567	\$ 255,547	10% of Allowances
TOTAL PROJECT BUDGET					\$ 21,1	\$ 21,152,029	\$ 22,367,138	
Notes:								•
Project Budgets are preliminary and are based on historical square foot cost information.	n historical	square	foot cas	t informa	ion.			
Project Budgets are based on a Fall 2021 construc	construction start date.	ate.						
Project Budgets do not include legal fees or finan	or financing costs.							
Construction Costs are based utilizing a Construction Management project delivery method	tion Manaç	nemer.	project	delivery r	nethod.			\$
5:\jobs\2019\19-2668.01\ADMIN\1.0 PM\1.08 Esfimating\Lake in the Hils Budgets 2019-11-08 xis	ke in the Hils B	udgets 2	019-11-08.x					

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Village of Lake in the Hills	e Hij	(0							FGM ARCHITECTS	HITECTS
Police Station Addition to Village Hall Conceptual Budget for Concept 3 - Police Station Addition and Renovations to Village Hall	on to	Addii		g g	HC	ions t	o Villag	e Hall	Nov. FGM	November 8, 2019 FGM #: 19-2668.01
meti	Quantify	į		Cost/Unit	ŧ		Construc	Construction Cost	Remarks	
			Non	>	High		Low	High		
ADDITION AND RENOVATIONS TO VILLAGE HALL					).			).		
Site Preparation										
Selective Demolition of Existing Building	8,058	s.f.	↔	9	8	↔	48,348	€	64,464	
Police Station Construction										
New Construction	22,973	s.f.		400	420	8	9,189,200	\$ 9,648,660	099	
Heavy Renovation Work Areas	4,170		\$	250 \$		↔	1,042,500	€4	1,125,900 Village Hall areas renovated for Police Dept.	for Police Dep
Light Renovation Work Areas	3,445			٠		↔	275,600	€4	344,500 Village Hall areas converted for Police Dept.	for Police Dep
Minor Renovation Work Areas	4,303		↔	25 \$		€	107,575	\$	129,090 Miminal work requried (new paint, etc.)	oaint, etc.)
Sub-Total	34,891					\$ 10	10,614,875	\$ 11,248,150		
Village Hall Construction										
New Construction	5,231	s.f.	e €	385 \$	405	€3	2,013,935	\$ 2,118,555	.555	
Heavy Renovation Work Areas	3,888			ļ		↔	972,000	↔	.760 Renovated existing building areas	areas
Light Renovation Work Areas	1,471					₩	117,680	€9	147,100	
Minor Renovation Work Areas	6,484		€3	20 \$	30	€	129,680	€4	194,520 Miminal work requried (new paint, etc.)	oaint, etc.)
Sub-Total	17,074					£ \$	3,233,295	\$ 3,509,935	935	
Phasing Costs			allow	3	allow	€4	180,000	\$ 210	210,000 Assume 6 mounths add. construction time	truction fime
Construction Costs Sub-Total						\$ 14	14,076,518	\$ 15,032,549	549	
Escalation (3.5% per annum fortwo years)						\$	1,002,600	\$ 1,070,693	.693 Assume construction starts in Fall 202	Fall 2021
Total Construction Costs						\$ 15	15,079,118	\$ 16,103,242	242	
Design and Pricing Contingency (5%)						4	753,956	\$ 805	805,162	
Construction Contingency (5%)						<del>⇔</del>	753,956	\$ 805	805,162	
Total Construction Budget						\$ 16,	16,587,030	\$ 17,713,567	295	
Allowances for Items to be Purchased by the Village	age									
Furniture and Equipment						↔	630,000	↔	680,000 Assumes some reuse of existing furniture.	ig furniture.

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Lake in the Hills Police Station Concept 3 - Addition to Village Hall

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Village of Lake in the Hills	Hills						FGM ARCHITECTS
Police Station Addition to Village Hall	on to	<b>=</b>	lage H	틍			November 8, 2019
Conceptual Budget for Concept 3 - Police	e Station /	√ddilio	Police Station Addition and Renovations to Village Hall	ations	to Villag	Hall	FGM #: 19-2668.01
me#	Quantity	i i	Cost/Unit		Construction Cost	ion Cost	Pemarks
	ļ	,	Low High		Low	High	
Computer Systems				-	80,000	\$ 100,000	00
Wireless Network System				8	20,000		00
Maintenance/Janitorial Equipment				↔	900′9	\$ 8,000	00
Telephone System				€	80,000		00
Wireless Telephone Boosters/Amplifiers				₩.	25,000	\$ 35,000	00
Miscellaneous Equipment and Furnishings				€4	15,000		30 For items such as art, plants, bond safe, etc.
ס	by the Village			<b>↔</b>	856,000	\$ 963,000	)·····*
Allowances for Items Fees and Soff Costs							
Architectural and Engineering Fees (8.5%)				49	1,409,898	\$ 1,505,653	33 Incl. civil, security and landscape design
Furnishings Design Fee				€9	25,000		
Environmental Studies				€9	12,000		
Surveys & Soil Investigations				4	15,000		Ţ
Material Testing During Construction				↔	25,000	30,000	00
Building Commissioning				€9	40,000		00
Printing Costs				4	5,000		0(
Utility Company Charges (Electric, Gas, Telephone	le)			↔	30,000	\$ 40,000	00
Moving Costs				↔	900'09	\$ 70,000	)0 Two VH moves and one PD move
Utility costs during construction				↔	15,000	\$ 20,000	0(
Total Allowances for Fees and Soft Costs				\$	1,636,898	\$ 1,793,653	33
Owner's Contingency				€9	249.290	\$ 275,665	55 10% of Allowances
***************************************							·}
TOTAL PROJECT BUDGET				٠ <u>٠</u>	\$ 19,329,217	\$ 20,745,885	<b>S</b>
Notes: Project Budgets are preliminary and are based on historical sauare	n historical	GUGTE	foot cost information.	ation.			
Project Budgets are based on a Fall 2021 construction start date	ction start o	ote	3	· 			
Project Budgets do not include legal fees or financing costs.	ncing costs.	5					•
Construction Costs are based utilizing a Construction Management	tion Manag	ement	project delivery method	/ metho	ğ.		
8-71-70-00 - 10-10-10-10-10-10-10-10-10-10-10-10-10-1	to in the Lile B	toolo	110_11_08 v/c				
3. Voda (2017 (17-2000:01 (ADIVIII (1:01 IVI (1:00 Estimating (La	n a li	N appron	8700-1-41				

Lake in the Hills Police Station Concept 3 - Addition to Village Hall

## SECTION 8 RECOMMENDATIONS

### **Recommendations**

Only one of the concepts discussed in Section 7 will meet all of the long-term needs of the police department including parking requirements: Concept 3 - Renovate and Add an Addition to the Existing Village Hall for the Police Station.

There are many benefits to this option that were highlighted in Section 6. Some of the most compelling reasons are as follows:

- This option brings together village hall and police department services under one room, which enhances staff efficiency, safety, and service to the community.
- The location of the police station is better suited for access to all parts of the village than in its current location.
- By having the police department and village hall share space, less new construction is necessary to meet the longterm needs, thus reducing costs.

For these reasons and many others, FGM recommends the village pursue Concept 3 to meet the long-term needs of the Police Department and the goals established by the village.

This study is to be utilized as a starting point and is intended to provide the village with the necessary information to make an informed decision on which direction should be taken to address the space needs issues of the police department.

Once the space needs are approved and the village is ready to move forward, FGM Architects is prepared to assist the Village of Lake in the Hills with the next steps.