



REQUEST FOR PROPOSAL  
RFP #16010

***CITY CAMERA SYSTEM***

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**REQUEST FOR SEALED PROPOSALS:  
Intelligent City - Camera System**

16010

## INTRODUCTION GENERAL INFORMATION

The City of Opelika is requesting proposals from qualified vendors to install an integrated IP based High Definition (HD) security camera system with all associated cabling, servers, software and training for the purpose of controlling and monitoring activity on City of Opelika owned buildings and campuses. This system need to be able to save all footage for 1 month and have to ability to archive or hold footage for any length of time.

The City of Opelika reserves the right to reject any or all proposals or parts thereof, or to accept the proposal(s) or part thereof, when considered in the best interest of the City.

Attached hereto are the general conditions, standard instructions and proposal specifications. Variations from the given specifications should be noted on the proposal form with an explanation of the said variation(s) attached.

Additional copies of this proposal may be obtained at the office of the Purchasing Department City Hall 204 South 7<sup>th</sup> Street Opelika, AL 36801, or they may be obtained from the City of Opelika's web site at [www.opelika.org](http://www.opelika.org).

## PROPOSAL SUBMISSION

**Submission of proposals: Interested firms should submit their proposal no later than 2:00 p.m. on Tuesday, May 31, 2016 to:**

Lillie Finley, Purchasing-Revenue Manager  
City of Opelika  
P.O. Box 390  
204 South 7<sup>th</sup> Street  
Opelika, Alabama 36803-0390

Proposals received after 2:00 PM will not be opened or returned. The price proposal shall be signed by an officer of the company who is legally authorized to enter into a contractual relationship in the name of the proposer, and proposer(s) must affix their company's seal to the proposal.

Telephone or fax proposals will not be considered nor accepted.

Proposer agrees that his or her proposal will not be withdrawn within sixty (60) calendar days following opening of the proposals

Proposals may be withdrawn or changed prior to the proposal opening.

During the evaluation process, the City reserves the right to request additional information or clarifications from proposers, or to allow corrections of errors or omissions. The City of Opelika reserves the right to retain all proposals submitted and to use any ideas in the proposals regardless of whether the proposal is selected. Submission of a proposal

indicates acceptance by the firm of the conditions contained in this request for proposal, unless clearly and specifically noted in the proposal submitted and confirmed in the agreement between the City of Opelika and the firm selected.

Each firm shall submit **two hard copies and 1 electronic copy (CD ROM)** of their technical proposal to the Purchasing Department at the address listed above. The original proposal shall be clearly marked.

### **MANATORY PRE-PROPOSAL MEETING**

There will be a **MANDATORY PRE-PROPOSAL** meeting onsite at City Hall, Council chambers on **Wednesday April 20, 2016 at 9:00 a.m.** At this meeting, potential bidder will have an opportunity to ask detailed questions regarding this RFP and to observe the actual facilities and environment. A tour of all buildings will be provided at this time. Access to any building at a later date will be provided by appointment only. Please contact the Chief Technology Officer, Stephen Dawe, at [sdawe@opelika-al.gov](mailto:sdawe@opelika-al.gov) if you plan to attend the meeting. Potential bidders must attend the meeting. No company will be able to submit a bid without attending the meeting.

### **GENERAL CONDITIONS**

No proposal received after said time or said place other than the time and place stated in the notice shall be considered. All proposals shall be properly identified by stating the Bid number (16010), Bid Name (Intelligent City - Camera System), and opening date.

### **WITHDRAWAL OF PROPOSAL**

A proposer may withdraw his/her proposal before the expiration of the time during which proposals may be submitted without prejudice to the proposer, by submitting a written request of withdrawals to the City of Opelika Purchasing Department.

### **REJECTION OF PROPOSAL**

The City of Opelika may reject any or all proposals, and shall reject a proposal of any party who has been delinquent or unfaithful in any formal contract with the City of Opelika. Also, the right is reserved to waive any irregularities or informalities in any proposal in the proposition procedure. The City of Opelika shall be the sole judge as to which proposal is best, and in ascertaining this, will take into consideration the business integrity, financial resources, facilities for performing the work, and experience in similar operations of the various bidders.

### **STATEMENT OF EXPERIENCE AND QUALIFICATIONS**

Vendors submitting a proposal shall list all qualifications and experience pertaining to this type service. The Proposer may be required, upon request, to provide additional information to the satisfaction of the City of Opelika that he/she has the skill and experience, the necessary facilities and ample financial resources to perform the contract(s) in a satisfactorily manner and within the required time. If the available evidence of competency of any proposer is not satisfactory, the proposal of such proposer may be rejected. The successful proposer shall be required to comply with and abide by all applicable federal and state laws in effect at the time the contract is awarded.

## **NOTICE TO PROCEED**

The City of Opelika shall issue a purchase order to the successful vendor. No work shall begin prior to the issuance of the purchase order. Any proposer beginning performance prior to the execution of the contract shall be deemed to be proceeding at risk, and shall not be entitled to compensation for such performance. In addition, the City reserves the right to withdraw or cancel the award prior to work being performed.

## **NON-COLLUSION AFFIDAVIT**

By submitting a proposal, the proposer represents and warrants that such proposal is genuine and not sham or collusive or made in the interest or in behalf of any person not therein named, and that the proposer has not directly or indirectly induced or solicited any other proposer to put in a sham proposal, or any other person, firm or corporation to refrain from proposing and that the proposer has not in any manner sought by collusion to secure to that proposer any advantage over any other proposer.

## **INTEREST OF**

By submitting a proposal, the proposer represents and warrants that neither a Council Member, Administrator, employee, nor any other person employed by the City of Opelika, has in any manner, any interest, directly or indirectly in the proposal or in the contract which may be made under it, or in any expected profits to arise therefrom.

## **DOCUMENTS DEEMED PART OF THE CONTRACT**

The notice, invitation to proposers, general conditions and instructions for proposers, special conditions, specifications, bid, addenda, if any, will be deemed part of the contract.

## **PERFORMANCE PRIOR TO THE EXECUTION OF THE CONTRACT**

The successful proposer shall not begin performance of the project prior to the execution of a formal written contract by the City and the proposer. Any proposer beginning performance prior to the execution of the contract shall be deemed to be proceeding at the proposer's risk, and shall not be entitled to any compensation for such performance. In addition, the City reserves the right to withdraw or cancel the award of the proposal.

## STANDARD INSTRUCTIONS TO PROPOSERS

1. The instructions contained herein shall be construed as a part of any proposal invitation and/or specifications issued by the City of Opelika and must be followed by each vendor submitting a proposal.
2. The written specifications contained in the proposal shall not be changed or superseded except by written addendum from the City of Opelika. Failure to comply with the written specifications for this proposal shall result in disqualification by the City of Opelika.
3. All goods and materials shall be F.O.B. Opelika, Alabama and no freight or postage charges will be paid by the City of Opelika, unless such charges are included in the proposal price.
4. The sealed returned envelope containing the proposal shall be clearly marked or stamped with the label included with this invitation to avoid prior opening in error.
5. All proposals shall be sealed, received and in-hand at proposal due date and time. Each proposer assumes responsibility for having his/her proposal received at the designated time and place of the proposal opening date and time due. The City of Opelika will accept no responsibility for mail delivery.
6. Each proposal submitted shall include the name of the business, mailing address, the name and title and signature of the person submitting the proposal. Vendors who are not listed on the City's bid list shall submit the attached completed W-9 form with their proposal.
7. The City of Opelika reserves the right to award in the best interest of the City and the public. The City reserves the right to reject any and all proposals.
8. Vendors shall submit with their bid written specifications and warranty information on product proposed as the best offer for the City of Opelika.
9. If applicable, warranty information shall be provided.
10. Proposer shall state delivery time after receiving order. If prompt pay discounts are offered, this shall be stated in the proposal also.
11. Proposers shall identify any subcontractor, and include any explanation of the service or product that they may provide.
12. Proposal awards are not official until a purchase order is issued or the Purchasing Department notifies the successful vendor in writing.
13. Proposal tabulations will not be given over the telephone. Vendors desiring proposal tabulation shall enclose a stamped and self-addressed envelope with their submission.

13. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.
14. Vendors not presently listed on the City's vendor list shall complete the attached W-9 form.
15. Vendors are required to provide a copy of all required state licenses. **The Alabama Electronic Security License must be enclosed with the bid.** The proposed work shall be done in conformity with the laws, ordinances, rules, regulations, and zoning restrictions of the State of Alabama and the City of Opelika. The Vendor(s) shall obtain all permits, licenses, and pay all charges, fees, and taxes therein. The Vendor(s) and/or employees shall, at all times, serve and comply with such laws, ordinances and regulations.

## PROPOSAL EVALUATION

1. The City reserves the right to evaluate all proposals, waive any technical or informalities, reject any and/or all bids and proposals, and further specifically reserves the right to make the award and/or awards in the best interest of the City.
2. The RFP evaluation will be made on the following criteria:

	Criteria	Value
2.2.1	Company History & Experience, References	20 pts
2.2.2	Bid Price	30 pts
2.2.3	Compliance with Proposal Requirements	50 pts

Total Possible Points to be awarded: 100 pts

3. The City may waive minor differences in specifications, provided these differences do not violate the specification intent, materially affect the operation for which the item or items are being purchased nor increase the estimated maintenance and repair cost to the City.
4. In order for a prompt pay discount to be considered as a factor in the award of this bid, the minimum days allowed for payment to receive discount shall be 10 days after receipt of a correct invoice.
5. The City reserves the right to award all submissions in their entirety or in part, whichever, in its opinion, best serves the interest of the City.
6. The City reserves the right to cancel or make null and void any purchase order if delivery cannot be made on the specified delivery date.
7. Unless clearly shown on the RFP that it is the intent that a reduced total price is being offered on the basis of receiving an award of all items covered by the total, any totals

should be the actual sum of the extension of unit prices; otherwise, in the event of any discrepancy between a unit price(s), extended price(s) and/or total price(s), unit price shall govern and the RFP will be refigured accordingly.

8. The City shall be sole judge as to an item meeting or exceeding the specifications.
9. NON-COLLUSION: Vendors, by submitting a signed RFP, certify that the accompanying RFP is not the result of, or affected by, any unlawful act of collusion with any other person or company engaged in the same line of business or commerce, or any other fraudulent act punishable under Alabama or United States law.

## **BILLING AND PAYMENT**

1. The vendor shall submit an invoice in to:  
City of Opelika  
Accounting Department  
PO Box 390  
Opelika, AL 36803-039

## **ADDENDA AND INTERPRETATIONS**

1. If it becomes necessary to revise any part of this bid, a written addendum will be provided to all bidders.
2. The City is not bound by any oral representations, clarifications or changes made in the written specifications by the City of Opelika employees, unless such clarification or change is provided to bidders in written addendum form from the Purchasing Division.

## **CONTRACT PERIOD**

1. Proposals submitted in response to this invitation shall be firm for a one-year period. Contract period shall begin immediately upon award and end one year from the initial award date by the City Council. Upon mutual agreements, this contract may be extended for two additional years in one-year increments.
2. The City may terminate this contract with a thirty (30) day written notice for unsatisfactory service, or inferior product performance.

## **ESCALATION CLAUSE**

1. The bid price stated shall be for all purchases under the contract. Price increases from the manufacturer to the successful vendor may be passed on during the life of this contract, ONLY when the following conditions are met:
2. Consideration for price increases will only be given for material costs based on material prices at the time of bid submittal. The successful vendor must submit a current manufacturer's price list stating such increase.

3. Notification to the Purchasing Department of price increase, along with proof of price increase from the manufacturer shall be provided to the Purchasing Department PRIOR to any increase being approved.
4. Failure to comply with the above requirements shall deem the initial prices to be in effect for the entire life of this contract.
5. Any price reduction from the manufacturer shall also be passed on to the City automatically.
6. Unless otherwise specified, prices shall be reviewed no more often than on a quarterly basis.
7. Any adjustment allowed shall consist of verifiable material cost increases which may be passed on to the consumer.
8. Cost data to support any proposed increase must be submitted to the Purchasing Administrator no less than 30 days prior to the effective date of any such requested price increase.
9. The successful vendor must submit a current manufacturer's price list stating such increase.
10. Any price reduction from the manufacturer shall also be passed on to the City of Opelika automatically.
11. The City reserves the right to cancel or make null and void any purchase order if price increase is determined not to be in the best interest of the City.
12. In case of default by the vendor, the City may procure the articles from other sources and hold the vendor responsible for any excess cost occasioned thereby.
13. No adjustment shall be made to compensate a supplier for inefficiency in operation, or for additional profit.
14. Failure to comply with the above requirements shall deem the prices to be in effect for the entire life of the contract.

## **INSURANCE**

The successful vendor shall procure, maintain, and provide proof of insurance coverage for injuries to persons and/or property damage as may arise from or in conjunction with, the work performed on behalf of the City by the successful vendor, his agents, representatives, employees or subcontractors. Proof of coverage as contained herein shall be submitted fifteen (15) days prior to the commencement of work and such coverage shall be maintained by the successful vendor for the duration of the contract period.

General Liability Coverage shall be as broad as: Comprehensive General Liability endorsed to include Broad Form, Commercial General Liability form including Products/Completed Operation

Minimum Limits:

a. General Liability:

\$1,000,000 General Aggregate Limit  
\$1,000,000 Products & Completed Operations  
\$1,000,000 Personal and Advertising Injury  
\$1,000,000 Each Occurrence Limit  
\$50,000 Fire Damage Limit  
\$5,000 Medical Expense Limit

b. Automobile Liability

Coverage sufficient to cover all vehicles owned, used, or hired by the auditing firm, his agents, representatives, employees or subcontractors

\$1,000,000 Combined Single Limit  
\$1,000,000 Each Occurrence Limit  
\$5,000 Medical Expense Limit

c. Workers' Compensation

Limits as required by the Workers' Compensation Act of Alabama Employers Liability, \$1,000,000.

d. Owners' & Contractors' Protective Liability

Policy will name the City of Opelika as additional insured. Minimum limits required are \$1,000,000.

e. Professional Liability

Minimum limits are \$1,000,000 per occurrence

Coverage Provisions

1. All deductibles or self-insured retention shall appear on the certificate(s).
2. The City of Opelika shall be added as "additional insured".
3. The successful auditing firm's insurance shall be primary over any applicable insurance or self-insurance maintained by the City.
4. Shall provide 30 days written notice to the City before any cancellation, suspension, or void of coverage in whole or part, where such provision is reasonable.
5. The auditing firm shall furnish the City certificates of insurance including endorsements affecting coverage. The certificates are to be signed by a person authorized by the insurance company(s) to bind coverage on its' behalf, if executed by a broker, notarized copy of authorization to bind, or certify coverage must be attached.

**HOLD HARMLESS CLAUSE**

The Contractor shall, during the term of the contract, indemnify, defend, and hold harmless the City of Opelika, its officials, employees, agents, and representatives thereof from all suits, actions, or claims of any kind, including attorney's fees, brought on account of any personal injuries, damages, or violations of rights, sustained by any person or property in consequence of any neglect in safeguarding contract work or on account of any act or omission by the successful vendor or his employees, or from any claims or amounts arising from violation of any

law, bylaw, ordinance, regulation or decree. The successful vendor agrees that this clause shall include involving infringement of patent or copyright.

## **BONDS**

### **PERFORMANCE BOND**

Any person, firm, or corporation entering into a contract with the City for the repair or construction of any public building, public work, highways, or bridges shall provide a performance bond equal to 100 percent of the contract price. Such bond shall be from an accredited insurance company as approved by the City of Opelika Purchasing Agent.

### **LABOR AND MATERIAL PAYMENT BOND**

Labor and Material Bond shall be submitted by successful vendor for a construction project as surety, payable to the City of Opelika of not less than 50 percent of the contract price, with the obligation that such contractor shall promptly make payments to all persons supplying him/her with labor, materials, or supplies for the payment of reasonable attorneys' fees incurred by successful claimants or plaintiffs in civil actions on said bond.

### **BID GUARANTIES**

All bidders on construction projects in excess of \$10,000.00 shall file with his bid either a certified check payable to the City of Opelika for an amount not less than five (5) percent of the estimated cost or of the contractor's bid but in no event more than \$10,000.00; or a bid bond payable to the City of Opelika in an amount of not less than five (5) percent of the estimated cost or of the contractor's bid, but in no event more than \$10,000.00.

### **RETAINAGE**

Payments on Account/Payments Withheld/Retainage: Upon presentation of a verified application for payment, which shall include a "CONTRACTOR'S Affidavit of Payment of Debts and Claims," then usually by the fifteenth (15th) day of each calendar month or as soon thereafter as is practical, as the Project progresses, the CITY shall make partial payments to the CONTRACTOR of the billable work performed less payments already made and less deductions for any incomplete, unaccepted or defective work. In making partial payments to the CONTRACTOR, there shall be retained five (5%) percent of the estimated amount of work done and value of materials stored on the site or suitably stored and insured off-site. Provided; however, after fifty (50%) percent of the Project has been satisfactorily completed, no further retainage will be withheld.

Retainage shall be held until final completion and acceptance of all work covered by the Contract Documents unless escrow or deposit arrangements are agreed to by the CITY. When maintenance periods are included in the Contract Documents covering highways, bridges or similar structures, such period shall be considered a component part of the contract and retainage will be held until the expiration of such periods.

**PART TWO**  
**Request for Proposal for IP Camera System.**

**Scope of Project**

The City of Opelika is requesting proposals from qualified vendors to install an integrated IP based High Definition (HD) security camera system with all associated cabling, software and training for the purpose of controlling and monitoring activity in City of Opelika owned buildings and campuses. This system need to be able to save all footage for 1 month and have to ability to archive or hold footage for any length of time.

All bids must include a detailed implementation schedule outlining major milestones and completion dates. All cameras must be digital, utilize PoE, and have a minimum 2.1MP resolution unless otherwise specified. (No analog cameras or encoding to digital).

This project will be a phased project that will cover every city building. The project will also be part of our Intelligent City initiative and as such will have system management and integration requirements not normally part of a camera system. The City of Opelika reserves the right to expand any resulting contract to include the development of bid specifications for recommended upgrades and changes due to construction and building maintenance activities.

**PLEASE NOTE – There will be a MANDATORY PRE-PROPOSAL meeting onsite at City Hall, Council chambers on Wednesday, April 20, 2016 at 9:00 a.m.** At this meeting, potential bidder will have an opportunity to ask detailed questions regarding this RFP and to observe the actual facilities and environment. A tour of all buildings will be provided at this time. Access to any building at a later date will be provided by appointment only. Please contact the Chief Technology Officer, Stephen Dawe, at "sdawe@opelika-al.gov" if you plan to attend the meeting.

**Requirements**

The vendor is responsible for all aspects of this project from purchasing and installation of all equipment needed, providing cabling (CAT6 or Fiber) and power (If PoE is not being used) to all equipment required, training of equipment when project is finished, and warranty of equipment installed. The City of Opelika is wanting a vendor to install an IP based, High Definition (HD) video security camera solution for every public building within the City. The City Estimates somewhere around 250 to 300 cameras in total for this specific project. Although many more cameras may be added as parts of subsequent projects. This IP based video system needs to be able to be accessed from the current Cisco based network. The City will provide network switches, wireless access, and PoE for cameras where required.

The City does not have the budget to complete this project within 1 year. The City will evaluate the total solutions and will purchase the system in in phases over multiple years. The city recognizes that pricing and hardware will change over time.

## **System Features**

The proposed solution shall have the following features:

1. Solution shall allow the any number of camera sites to be accessible to the end-user.
2. The cameras the users can view should be configurable and controllable through permissions.
3. Solution shall have a network interface that allows users access to all system features and functions, based on their permissions.
4. Solution shall allow for unlimited remote viewing connections at any one time.
5. Solution shall provide for a 'live view' of any camera included in the video network.

## **System Requirements**

In its response, the vendor should describe how they intend to communicate with the cameras, the video servers, and the archived images. Responses are expected to explain how the following items are managed within the proposed solution.

1. The solution provider will identify the equipment that they will supply, this equipment will allow the addition of IP cameras to the system above our current expected maximum.
2. The solution shall provide a new software package and will allow an unlimited quantity of computer users.
3. The labor price to install all new equipment, connections to existing IP network for software application purposes, and include education/training for software to be used.
4. Dual camera controllers and recorders (DVR's) will be installed. There should be no single point of failure. These will be connected on opposite sides of the City's 10Gb Fiber Ring.
5. The Solution shall support a variety of cameras including, but not limited to, PTZ, tamper resistant, outdoor use, vehicle tag cameras.
6. Cameras should support motion detection
7. Cameras wherever possible should utilize PoE
8. The VMS requirements will be listed on a separate spreadsheet.

## **Video Management System Software**

The City will be purchasing an enterprise version of video management system (VMS) software. This software shall be used to view live and recorded video from network cameras and video encoders connected to the City's network. Multiple client workstations must have full and concurrent access to the VMS. Vendor must submit all server software and camera licensing and support costs for 3 years. The City will provide the necessary storage, and VM's for the camera applications, and video storage libraries. It is anticipated that ALL software upgrade protection and support are included in the support costs.

The Vendor will coordinate with the City IT Department on the installation and configuration of the Surveillance System operating system. The Vendor must complete the following installation tasks:

Install the server and camera licensing

1. Configure the camera ID and description (using Building, floor and location number)
2. Configure the camera frame and compression rates
3. Configure the camera resolution
4. Configure the motion detection sensitivity (where appropriate)
5. Configure the custom “lighting” sensitivity or enhancements (where appropriate)
6. Configure the active and archive storage areas Configure the Surveillance System software to retain 60 days of recordings.

It is envisioned that the Video management system will be expanded in the future to cover applications outside this projects scope.

The following tables are some of the expected functionality that will be required of this system in the future. This are listed here, because the city wants to build a single management system for its Smart City projects.

Requirement	Meets Requirement		Comments
	Yes	No	
Configuration of embedded systems			
License Plate Recognition (LPR)			
Access Control Systems (ACS)			
Video Management Systems (VMS)			
Live Event Monitoring			
Alarm Management			
Reporting			
Custom Reports			
Incident reports			
Live event monitoring			
Live video Monitoring			
playback of Archived Video			
Unified Security Interface			
Microsoft Active Directory Integration for Both VMS and ACS			
Intrusion Device and panel integration			
SIP Intercom device integration for bi-directional communication			

Integration to 3rd party systems including:-			
Public Safety Systems			
Video Analytics			
Traffic management			
ERP Systems (Workorders)			
<b>Central Licensing</b>			
The Management System will run via Vmware 5.1 or higher on a Windows operating system			
Client will run on Windows 7,8.x,10			
VMS Database shall be on Microsoft SQL server			
The Management System shall support the concept of Federation whereby multiple independent ACS and VMS installations can be merged into a single large virtual system for centralized monitoring, reporting, and alarm management.			
The management shall have a role based architecture			
Each Roll shall:-			
Execute across multiple models/systems			
LPR			
ACS			
VMS			
and Others			
Administrators will be able to			
Deploy multiple servers if required			
Activate Roles as needed			
Role configuration will be centralized			
Remote configuration			
Roles Requirements:-			
Administrator Role - manage all modules			
Security Partitions			
Zones			
Alarms			
Scheduled Tasks			
Custom Events			
Scripts/MACROS			
Camera Sequences			
Video Servers			
Recording and Archive schedules			
LPR Units and Cameras			

Archiver Role			
Access Manager Role for Door controls			
Zone Manager Roles			
Health Monitoring Roles			
Intrusion manager roles			
Communication management role			
Client will have a Config UI and Surveillance UI			
All users will be authenticated using their Active directory credentials			
Client Software			
Customizable Homepage			
Task Orientated management			
consolidated workflows for video LPR and ACS			
Single click functionality for reporting			
Similar tasks shall be grouped:-			
Operation			
Investigation			
Maintenance			
Surveillance UI shall support			
Dynamic adaptive interface that adjust to current task			
Dashboard with entity specific widgets (Door/Camera etc)			
Overlays that display multiple data in a seamless fashion			
Consolidated and consistent workflows			
Tile Menus and quick commands			
Single click functions for reporting and tracking			
Interface for Tasks common to LPR and ACS and VMS			
Displaying dynamic graphical maps and floor plans and executing actions from a graphical map and/or floor plan			
monitoring and management of access events and alarms			
Viewing of cardholder pictures and/or badge ID's			
Visitor management			
People counting resetting count in an area			
Door control (unlocking doors, overriding door lock schedules, door maintenance)			
Viewing HTML file including alarm instructions			

Video viewing functionality			
Archive playback			
Intercom or duplex audio			
control of PTZ cameras			
overlay metadata over live video or playback video			
Surveillance UI shall have the ability to decode the video with an optimal usage of simultaneously Graphical Processing Unit (GPU) and Computer Processing Unit (CPU)			
Utilize GPU for video decoding (Nvidia CUDA or Intel Quick Sync)			
Live Display any camera use has permission to access			
Drag and drop any camera into a display title for live viewing			
Drag and drop a camera from a map into a display title for live viewing			
Support digital zoom on live video feeds			
allow audio communication with video units with audio i/o			
Operator can control pan-tilt-zoom, iris, focus, and presets			
Bookmarking event for later playback			
activate/deactivate system events as they occur			
Archive playback shall include:-			
Audio and playback of any timespan			
video playback of each display title			
switch to instant replay for any archiving camera			
switch between instant sync of all video streams in playback mode			
allow non synchronous playback across different time intervals			
simultaneously view multiple time intervals from the same camera			
Set the playback speed (slow down and speedup)			
Shall display a single timeline, or optionally one timeline for each selected video stream, with which the operator can navigate through the video sequence by simply clicking on any point in the timeline			
Shall clearly display bookmarks events on the timeline(s).			
Shall provide the tool to search video and associated audio on user-defined events or motion parameters			
Shall allow operators to define an area of the video field in which to search for motion as well as define the amount of motion that will trigger search results. The Surveillance UI then retrieves all archived video streams which contain motion which meets the search parameters. There shall be a graphical timeline where the time of each search hit shall be indicated			
Shall allow operators to browse through a list of all bookmarks created on the system and select any bookmarked event for viewing			
Shall allow the user to add bookmarks to previously archived video for easier searching and retrieval.			
Shall support digital zoom on playback video streams			
16 Shall provide still image export to PNG, JPEG, GIF, and BMP format with Date and Time stamp, and Camera Name on the image (snapshot).			
Shall provide tools to export video sequences in standard video formats			

16 Shall provide the ability to encrypt exported video files			
16 Shall allow operators to load previously exported video files from their computer or network.			
16 Shall allow queries to be saved upon closing the client application and reappear when the application is reopened.			
16 Shall provide a tool to build and export a set of video into a single container. This tools shall allow to build sequences of video to create a storyboard and allow the export of synchronous cameras.			
Shall enforce the video export and still image export to be stored on a pre-defined storage location			
LPR Tasks			
Monitoring and management of LPR events and alarms			
Viewing of license plate picture(s) and context images.			
Viewing of license plate data (e.g. license plate reads)			
Verification of LPR data against live and recorded video			
Permit the user to select multiple entities to monitor from the Client UI by adding the entities one by one to the tracking list.			
The user shall be able to drag and drop an event from an event list (or an alarm from an alarm list) onto a display tile to view a license plate read, cardholder picture ID, badge ID, or live/archived video, among other options.			
Event, alarm, monitoring/tracking, and report lists shall contain cardholder pictures, where applicable			
shall support single-click unpacking and packing for LPR hits, LPR reads, areas, doors, zones, camera sequences, and alarms			
shall display associated entities. For example, unpacking a door with multiple associated cameras shall display all cameras associated to the door. Unpacking shall reconfigure the display tiles to be able to display all associated entities. For example, unpacking a door (or zone , or alarm) that is currently in a 1 x 1 tile configuration and that has 3 cameras tied to it will create a 1 x 3 display tile arrangement to view all associated entities.			
Packing will return the display to the original tile pattern			
shall support the ability to manually track a moving target with the single click of a button.			
The ability to switch from one camera view to an adjacent camera shall be done within a single display tile			
Switching between camera streams shall be accomplished by simply clicking on a semi-transparent shape or overlay			
Visual tracking shall be available with both live and recorded video			
There should be a Web client			
unified web client (UWC) for access control, video, and LPR			
UWC shall be a truly thin client with no download required other than an internet web browser or standard web browser plugins.			
UWC shall be platform independent and run within Microsoft Internet Explorer, Firefox, Safari, and Google Chrome.			

Web pages for the web client shall be managed and pushed by the Mobile Server. Microsoft IIS or any other web hosting service shall not be required given that all the web pages shall be hosted by the Mobile Server.			
Functions of Web Services			
Login using name and password or Active Directory support shall be available			
Encrypted communications for all transactions			
Print reports, export to CSV file			
Live and playback video 320 x 240, 640 x 480 or 1280 x 1024 @ 15 fps b)			
Video export			
1, 4, 6 or 9 tiles			
Basic PTZ Controls (Pan/Tilt, Zoom, go to presets, start pattern)			
Start / Stop recording			
ACS Cardholder and group (add/modify/delete)			
ACS Credential management (modify/delete)			
support mobile apps for various off-the-shelf smartphones and tablets. The mobile apps shall communicate with the USP's Mobile Server over any WiFi or wireless IP connection.			
D It shall be possible to download the mobile apps from the Central application store (Apple iTunes App Store, Google Play, Windows Store).			
Mobile Functions:-			
Live monitoring, command and control			
Receive alarm push notifications from Apple Push Notification Server Google Android push server.			
View Entity hierarchy and search for entities			
Stream video from the mobile device using the built-in camera			
View up to 6 video feeds			
Control PTZ functionality of a camera, including access to PTZ presets.			
Save snapshots locally on the device			
View video tied to access control events, and alarms			
View cardholder picture with access-related events			
Monitor door status			
Unlock door			
Override unlocking or locking schedule			
Set door in maintenance mode			
The Client UI shall present a true Unified Security Interface for live monitoring and reporting of the ACS and VMS. Advanced live video viewing and playback of archived video shall be available through the client UI.			
The Configuration UI shall present a true Unified Security Interface for configuration and management of the ACS and VMS.			
The Management System architecture shall support the addition of new connectors to integrate to third party system integration such as			
Video analytics			

Third party video systems			
Third party access control systems.			
Point-of-sale (POS) systems			
Building management systems			

The City will configure Video VLANS with appropriate QoS, within its current network infrastructure. If addition network infrastructure is required, the City will provide it.

This video management system should be expandable as, video from other system, may also use this same video management system.

### **System Maintenance**

The Vendor in their response, should describe and provide recommendations for the following:

1. The solution should recover fully from a power failure without the intervention of an operator. UPS's and generator power is provided at the DVR locations.
2. The solution shall provide the ability to remotely disable, enable, or modify configuration settings of cameras without an operator physically being present at a site
3. The solution shall automatically delete Image Archives once they expire without the aid or intervention of an operator. The number of stored Image Archives days shall be configurable per camera or group of cameras.
4. The solution shall provide information for warranties, yearly maintenance fees and any other related expenses.
5. The Solution shall provide for system software maintenance and patches on any purchased software at no charge.

### **Miscellaneous**

The vendor shall describe how the proposed solution meets the following criteria in its proposed solution.

1. The vendor providing and installing the 'Security Camera Solution' must be a certified partner for the products proposed as well as an authorized installer.
2. The Video Surveillance System Vendor shall make a thorough inspection and test of the complete installed system, to insure the following:
  - a. A complete and functional system is delivered.
  - b. Security Camera System is installed in accordance applicable codes, industry standards and manufacturer's recommendations.
3. The Vendor shall provide a warranty of the installed system against defects in material and workmanship for a period of three (3) years from the date of

substantial completion. Any equipment shown to be defective shall be replaced, repaired, or adjusted free of charge within the warranty period. All labor and materials shall be provided at no expense to the City.

4. It shall be the responsibility of the Video Surveillance System Vendor to obtain all required approvals and certifications from authorities having jurisdiction.
5. The Video Surveillance System Vendor shall conduct formal on-site training sessions. It shall be the responsibility of the Vendor to coordinate time and location of training sessions with the City. Provide documented general instruction as follows:
  - a. Provide instruction to the maintenance personnel to include the location, inspection, normal maintenance, testing, and operation of all system components.
  - b. Provide instruction to designated personnel on the functions and operation of the system provided including capabilities, and limitations. State the proper procedure for testing, routine maintenance, and request for service. Provide detailed instruction on the operation of the system operation.

### **References**

1. Please provide references for the specific solution you are proposing. Preferably from within Alabama, then the South East, finally nation-wide.
2. References should include contact information for the end user of the system.

### **These phases are subject to change based on cost and/or needs:**

Phase 1 – 2015

Public works, Municipal Courts & Library

See Appendix 1 for Building/campus drawings and camera locations

Phase 2 – 2016

Opelika Police and Fire departments, City Hall

See Appendix 1 for building drawings and camera locations

Phase 3 - 2017

Opelika Parks and Recreation Department. Substations

See Appendix 1 for building and camera locations

**PART THREE**

**BID FORM  
ITB #16010**

**Intelligent City – Camera System**

The undersigned declares that before preparing their Bid, they read carefully the specifications and requirements for Bidders and that their Bid is made with full knowledge of the kind, quality and quantity of services and equipment to be furnished, and their said Bid is as stated on these pages. The undersigned offers and agrees, if this Bid is accepted within FORTY-FIVE (45) calendar days from date of opening, to furnish any or all of the items upon which prices are offered at the price set opposite each item, delivered at the designated point(s) within the time specified. **PLEASE SUBMIT BIDS IN DUPLICATE AS REQUESTED IN SECTION II, ITEM 2.6. IF YOU ARE NOT CURRENTLY ON OUR SYSTEM AS A VENDOR, PLEASE COMPLETE AND RETURN THE ATTACHED W-9 WITH YOUR BID.**

<b>Item</b>	<b>Description</b>	<b>Price</b>
1.	Camera System Hardware	\$ _____
2.	Installation & Training	\$ _____
3.	Yearly Maintenance Support	\$ _____

Delivery Information: Delivery shall be made within \_\_\_\_\_ calendar days after receipt of purchase order.

Discounts will be allowed for prompt payment \_\_\_\_\_percent, 10 calendar days  
\_\_\_\_\_percent, 15 calendar days  
\_\_\_\_\_percent, 20 calendar days  
\_\_\_\_\_percent, 30 calendar days

COMPANY SUBMITTING BID \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP CODE \_\_\_\_\_

\_\_\_\_\_  
SIGNATURE OF PERSON AUTHORIZED TO SIGN BIDS

\_\_\_\_\_  
TYPED NAME AND TITLE OF SIGNER

\_\_\_\_\_  
TELEPHONE NUMBER

\_\_\_\_\_  
FAX NUMBER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
E-MAIL ADDRESS

\_\_\_\_\_  
WEB SITE ADDRESS

**ATTACHMENT 16010  
ANTI-COLLUSION STATEMENT**

The below signed proposer has not divulged to, discussed or compared his quote with other proposers and has not colluded with any other proposer or parties to a quote whatsoever.

**Note:** No premiums, rebates or gratuities to any employee are permitted with, prior to, or after any delivery of materials. Any such violation will result in the cancellation and/or return of material (as applicable) and the removal from the master bidders list.

SIGNED: \_\_\_\_\_ NAME: \_\_\_\_\_  
(Type or Print)

TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

FIRM NAME: \_\_\_\_\_

EMAIL: \_\_\_\_\_ FEIN: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
(Street address) (City) (State) (Zip)

**ATTACHMENT C: 16010**

**STATEMENT OF NO BID/PROPOSAL**

**NOTE: If you DO NOT intend to respond to this bid, please complete and return this form immediately.** Your response will assist us evaluating all responses for this project and to improve our bid solicitation process.

The Purchasing Division of the City of Opelika wishes to keep its bid list file up-to-date. If, for any reason you cannot supply the commodity/service noted in this bid/proposal solicitation, this form must be completed and returned to remain on the particular bid list for future projects of this type.

If you do not respond to this inquiry within the time set for the bid opening date and time noted, we will assume that you no longer supply this commodity/service, and your name will be removed from this commodity/service list.

- \_\_\_\_\_ Specifications too "tight", i.e. geared toward one brand or manufacturer only.
- \_\_\_\_\_ Specifications are unclear (explain below).
- \_\_\_\_\_ We are unable to meet specifications.
- \_\_\_\_\_ Insufficient time to respond to the Request for Bid.
- \_\_\_\_\_ Our schedule would not permit us to perform.
- \_\_\_\_\_ We are unable to meet bond requirements.
- \_\_\_\_\_ We do not offer this product or service.
- \_\_\_\_\_ Remove us from your proposers list for this commodity or service.
- \_\_\_\_\_ Other (specify below).

REMARKS: \_\_\_\_\_

SIGNED: \_\_\_\_\_ NAME: \_\_\_\_\_  
(Type or Print)

TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

FIRM NAME: \_\_\_\_\_

EMAIL: \_\_\_\_\_ FEIN: \_\_\_\_\_

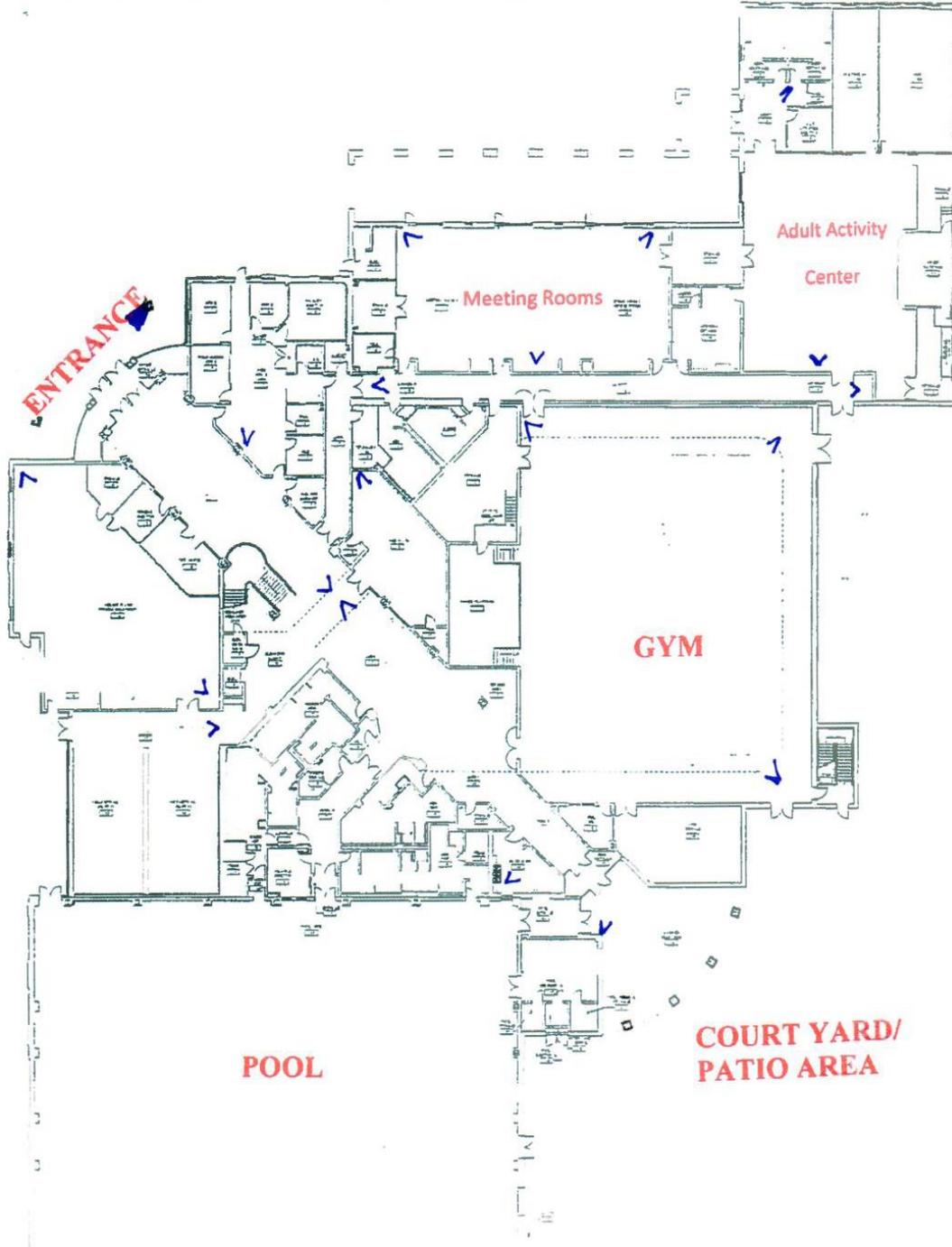
PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
(Street address) (City) (State) (Zip)

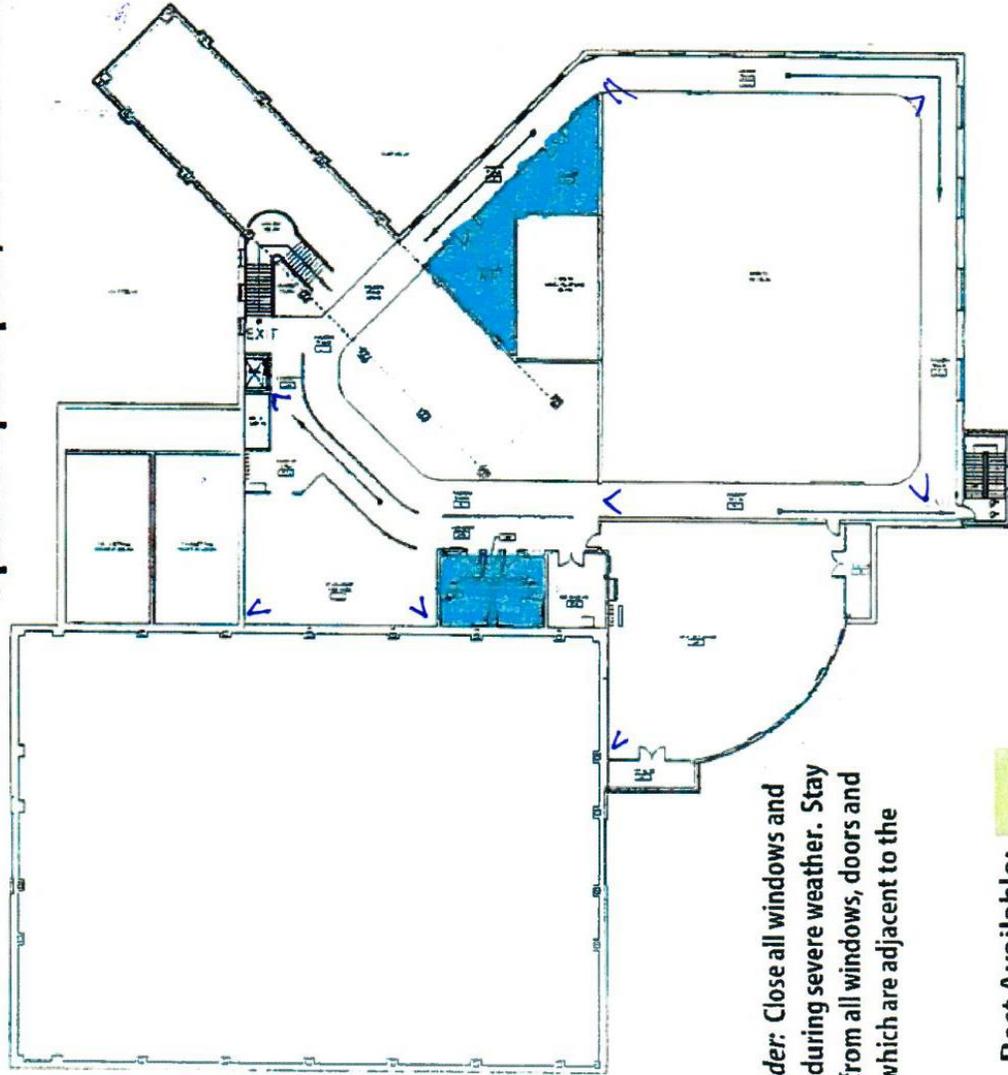
# Appendix 1: Building Drawings and Camera Locations

Camera Locations are marker with a blue triangle 

## OPELIKA SPORTSPLEX AND AQUATICS CENTER *INSIDE*



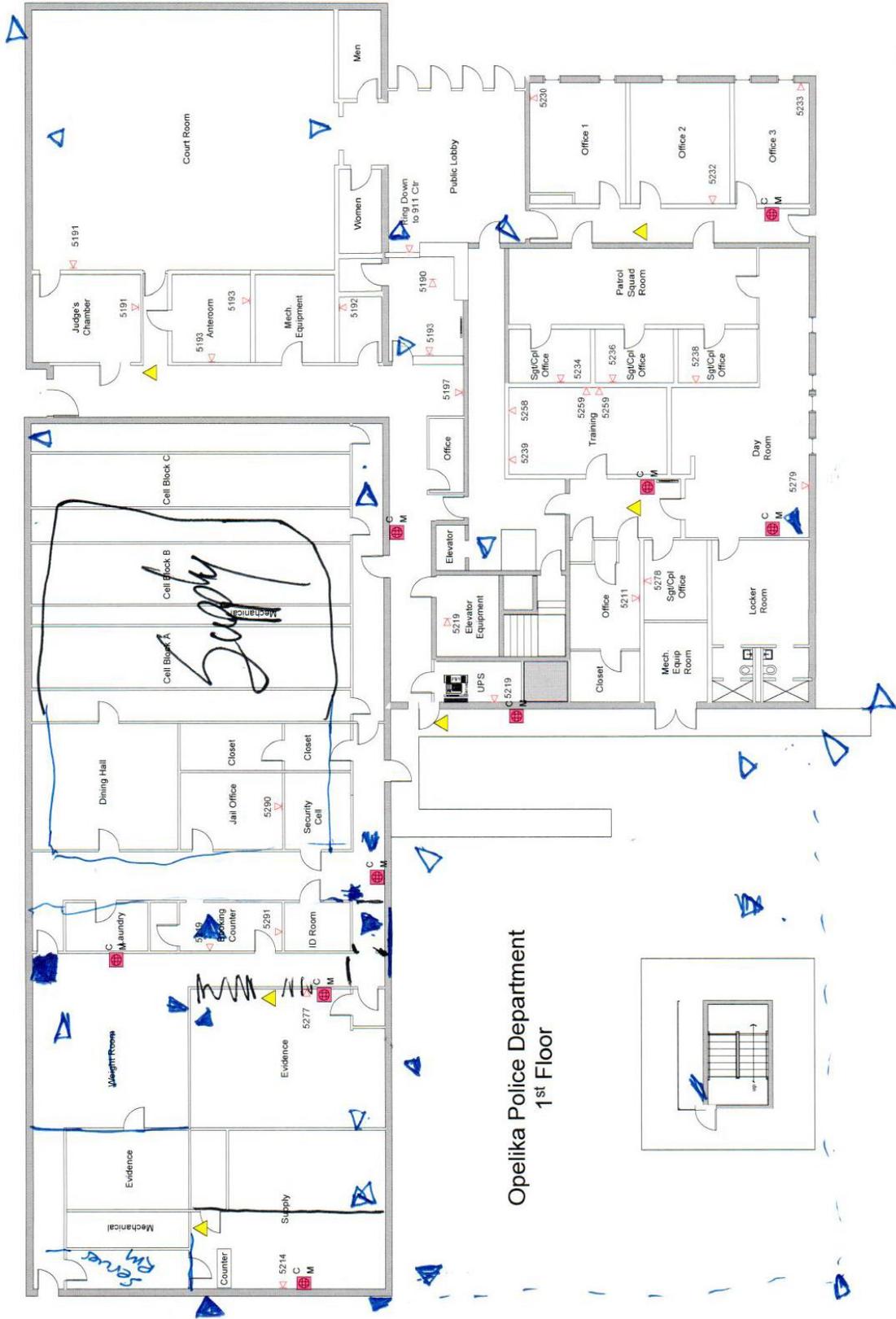
# Opelika Sportsplex, Second Floor



*Reminder: Close all windows and doors during severe weather. Stay away from all windows, doors and walls which are adjacent to the*

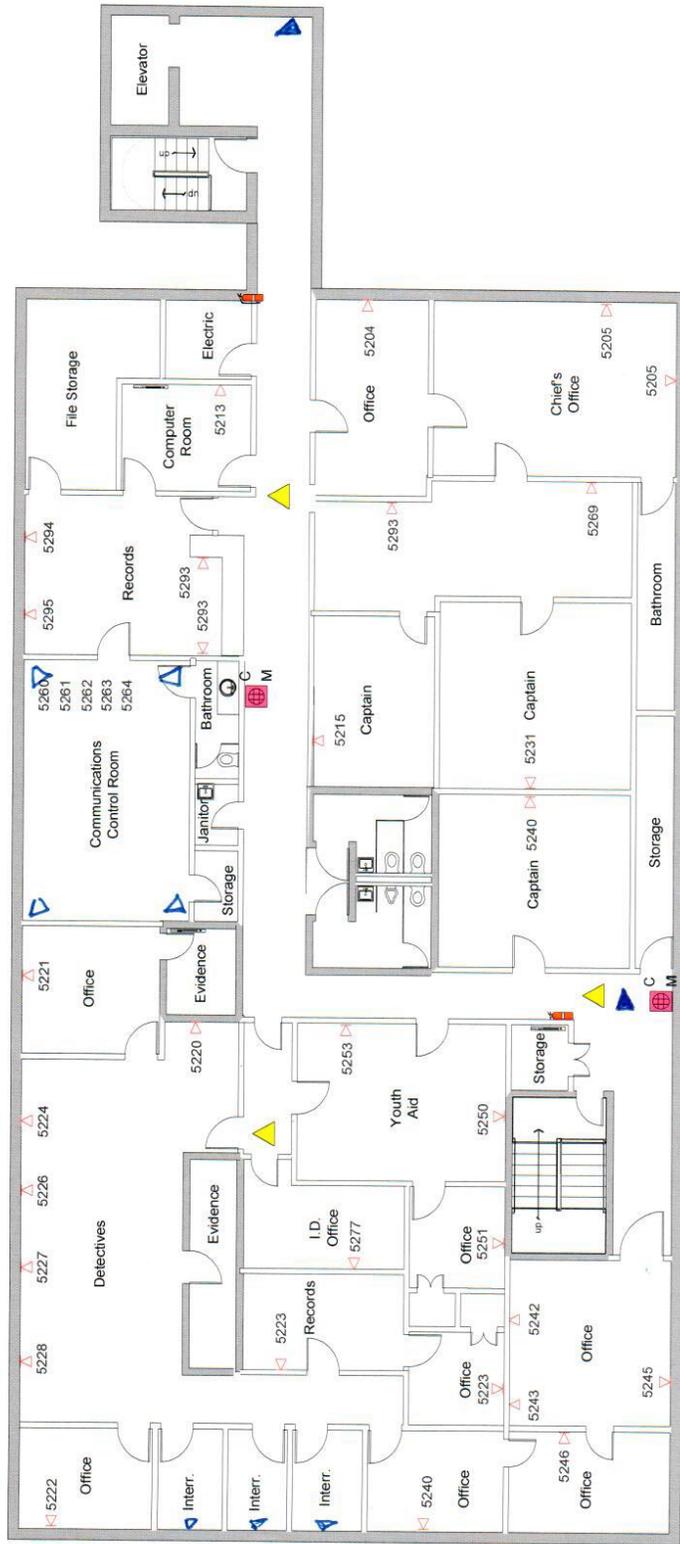
**Best Available:**   
**Next Best Available:** 



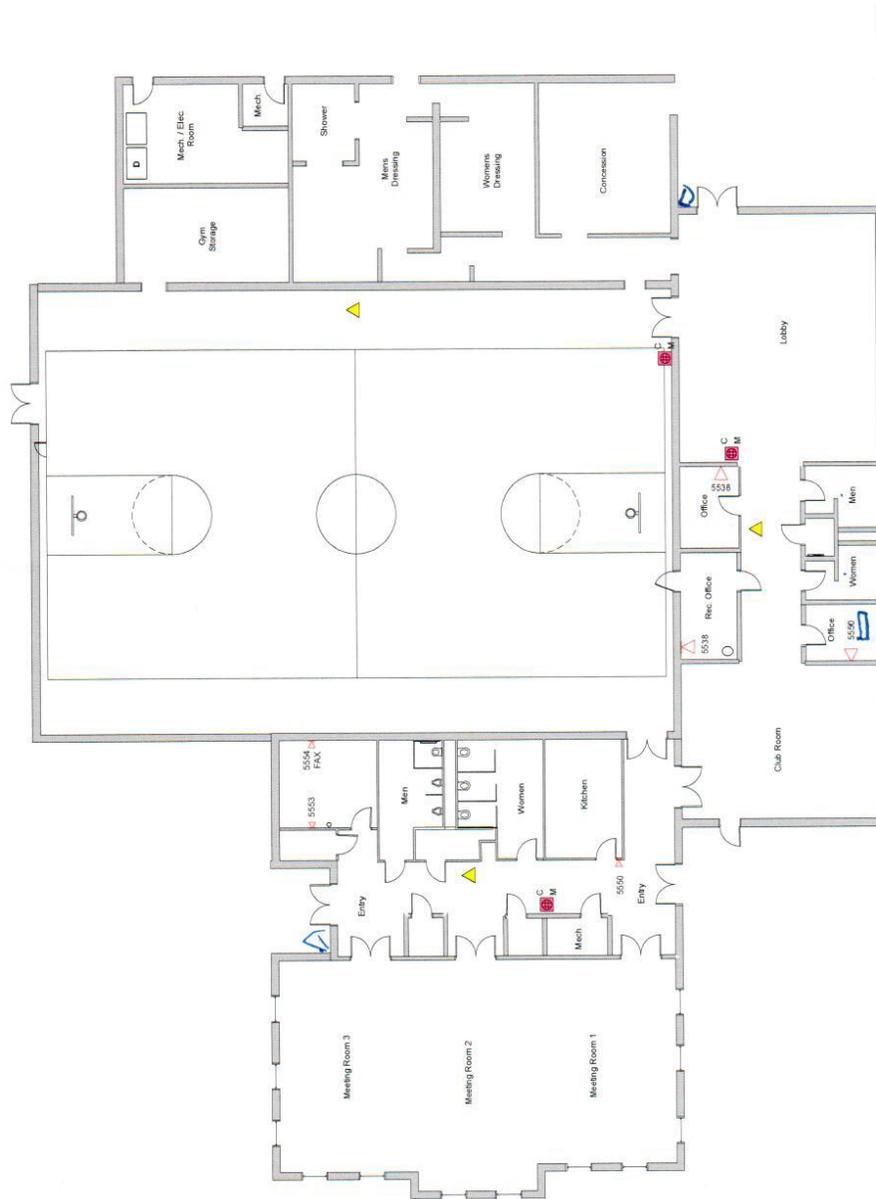


Opelika Police Department  
1st Floor

Wireless on Pole



Opelika Police Department  
2nd Floor

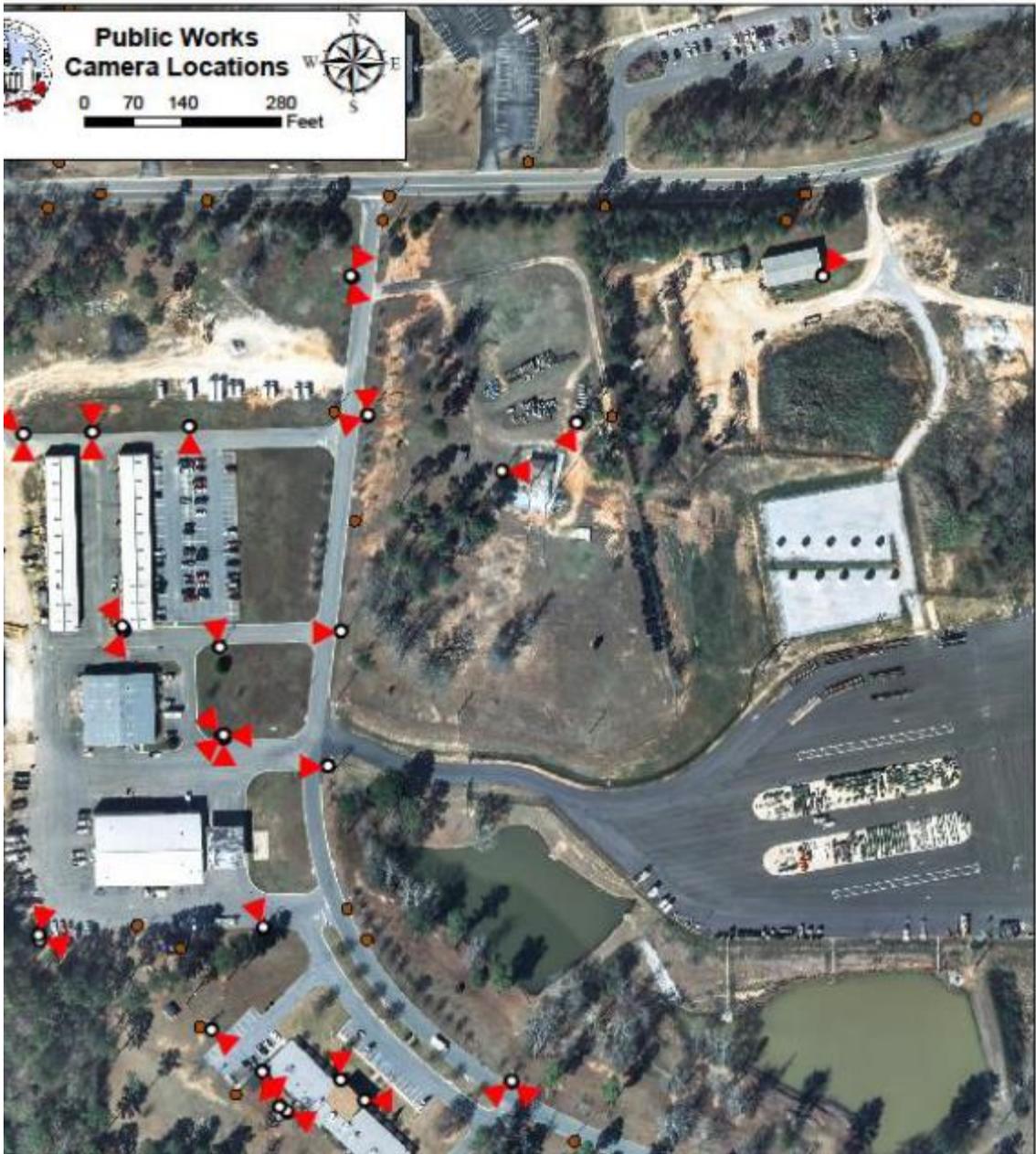


Parks and Recreation  
Covington Center

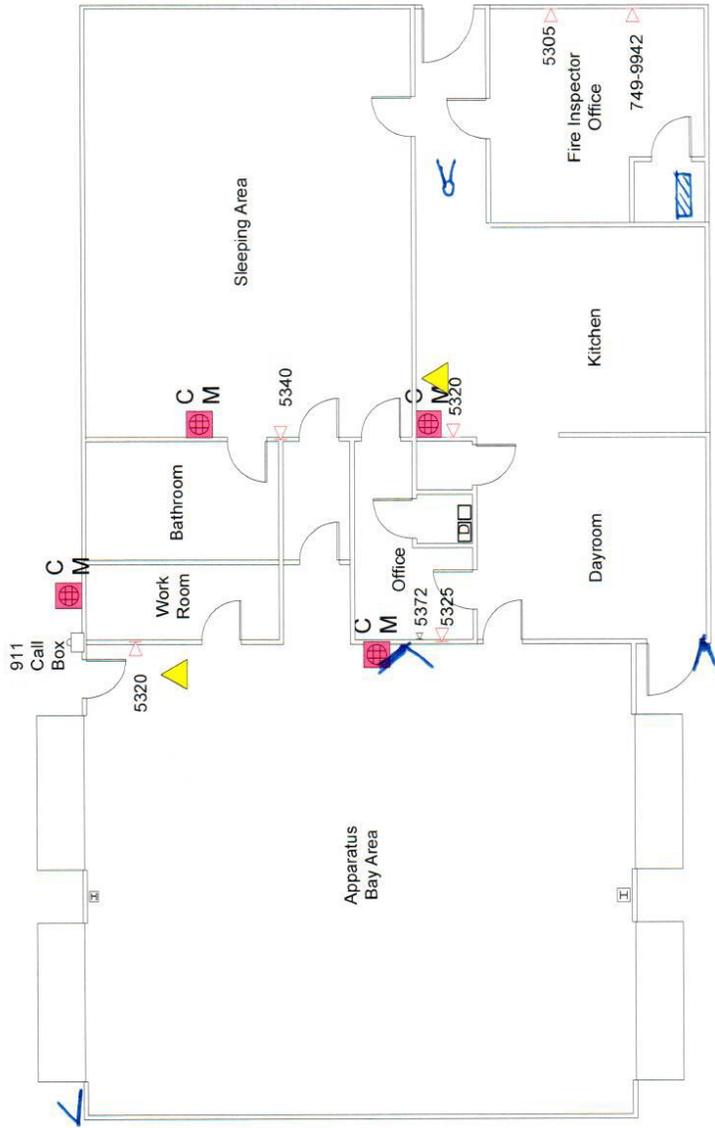




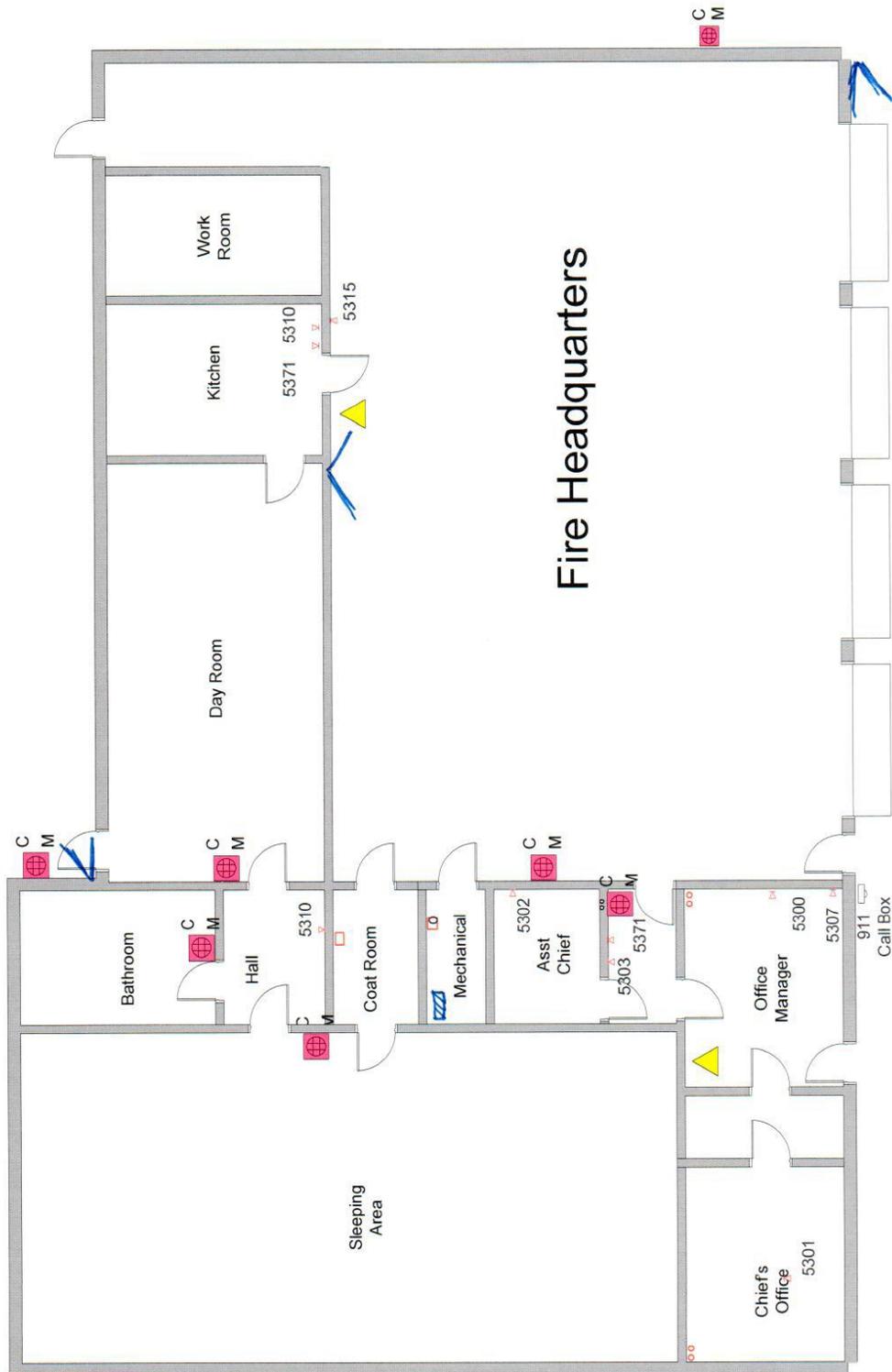
**City of Opelika  
Public Works Facility  
Administration Building**



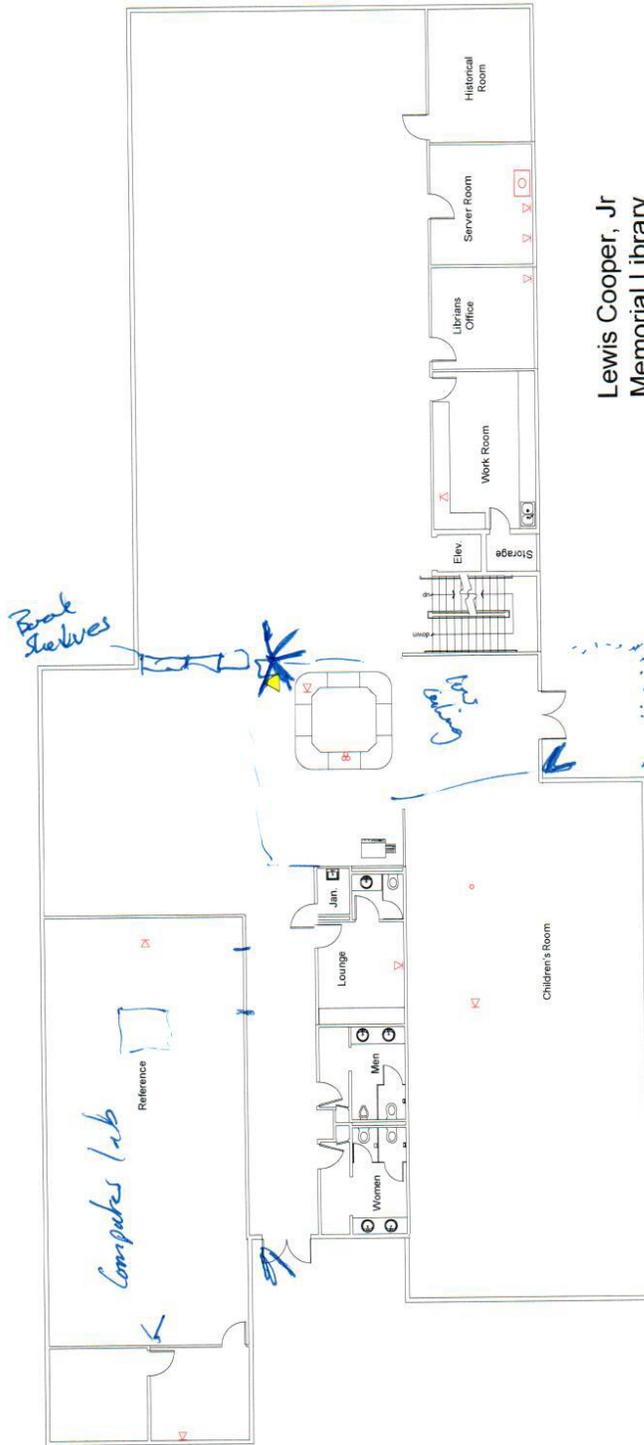




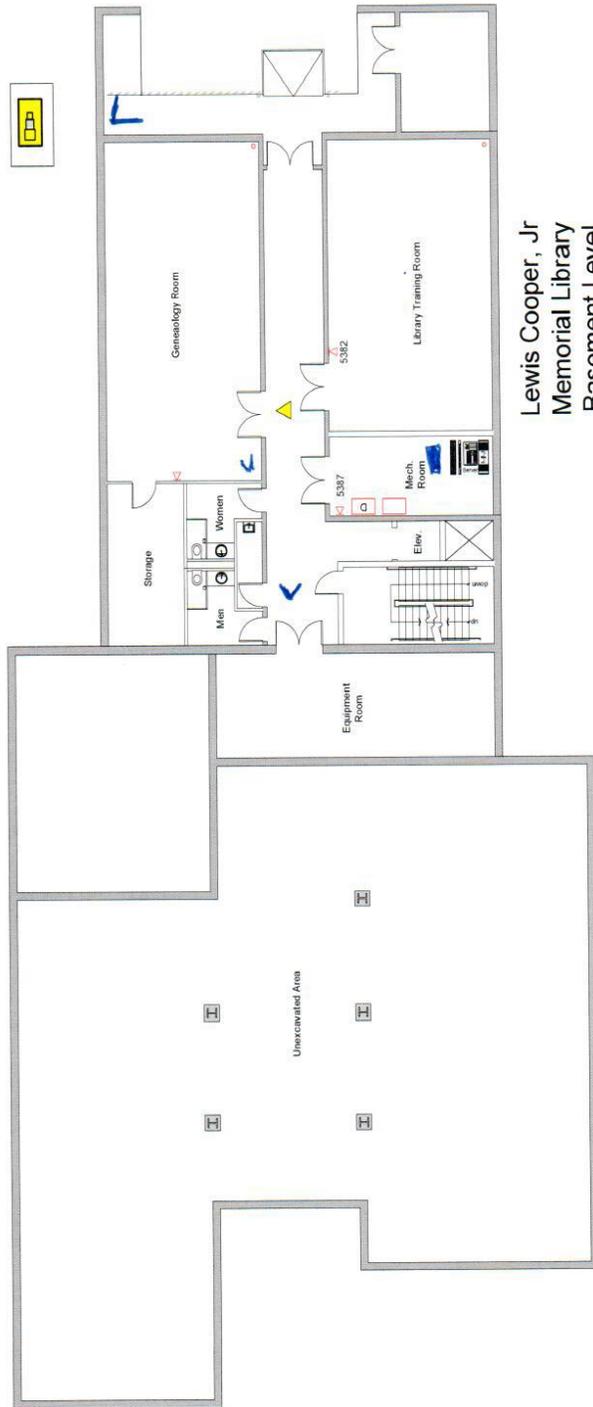
**Fire Station #2**



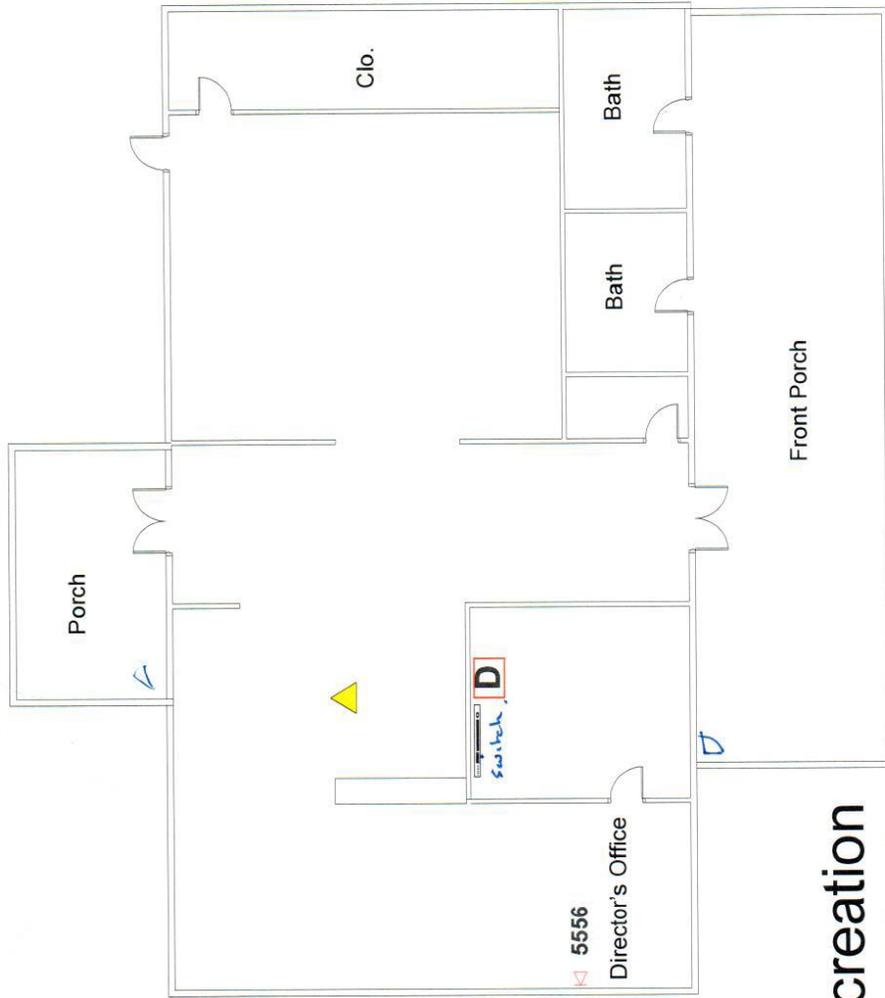
125207 | RENE-



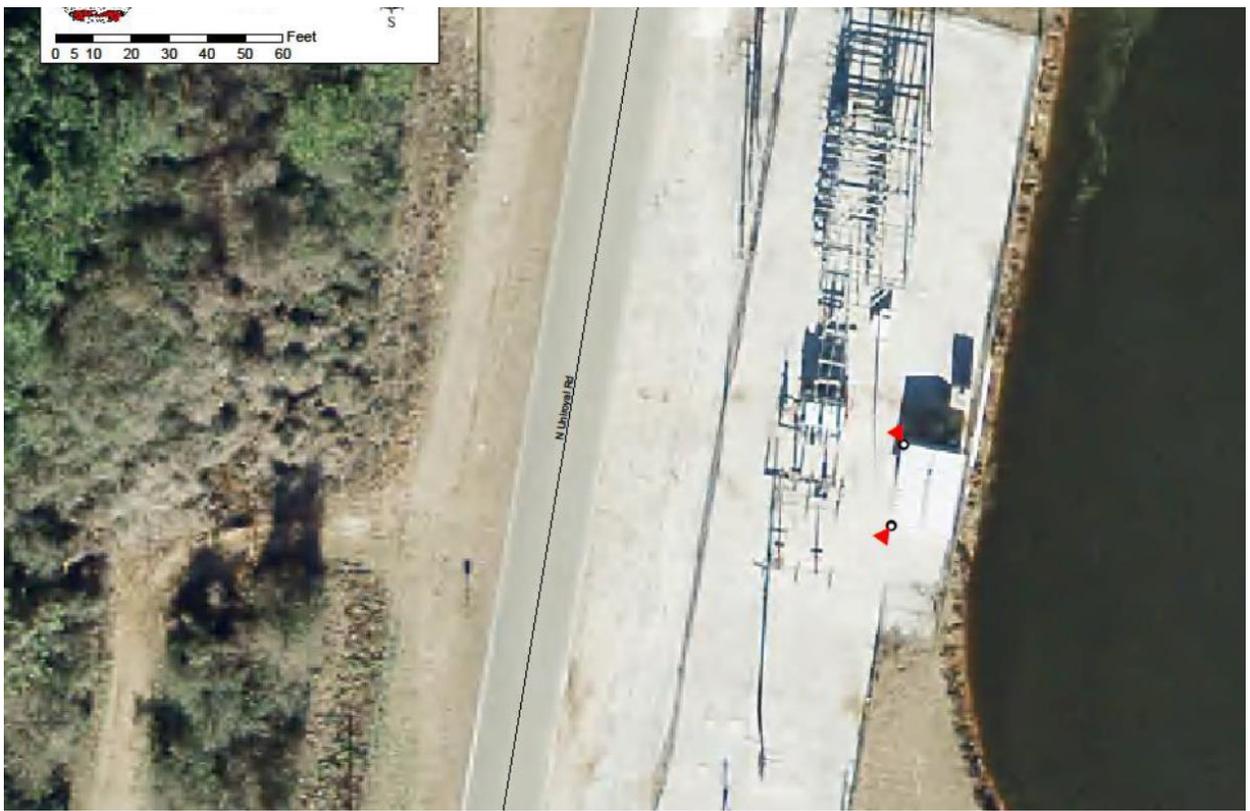
Lewis Cooper, Jr  
Memorial Library  
First Floor



Lewis Cooper, Jr  
Memorial Library  
Basement Level



# Parks and Recreation Calhoun Tennis Center



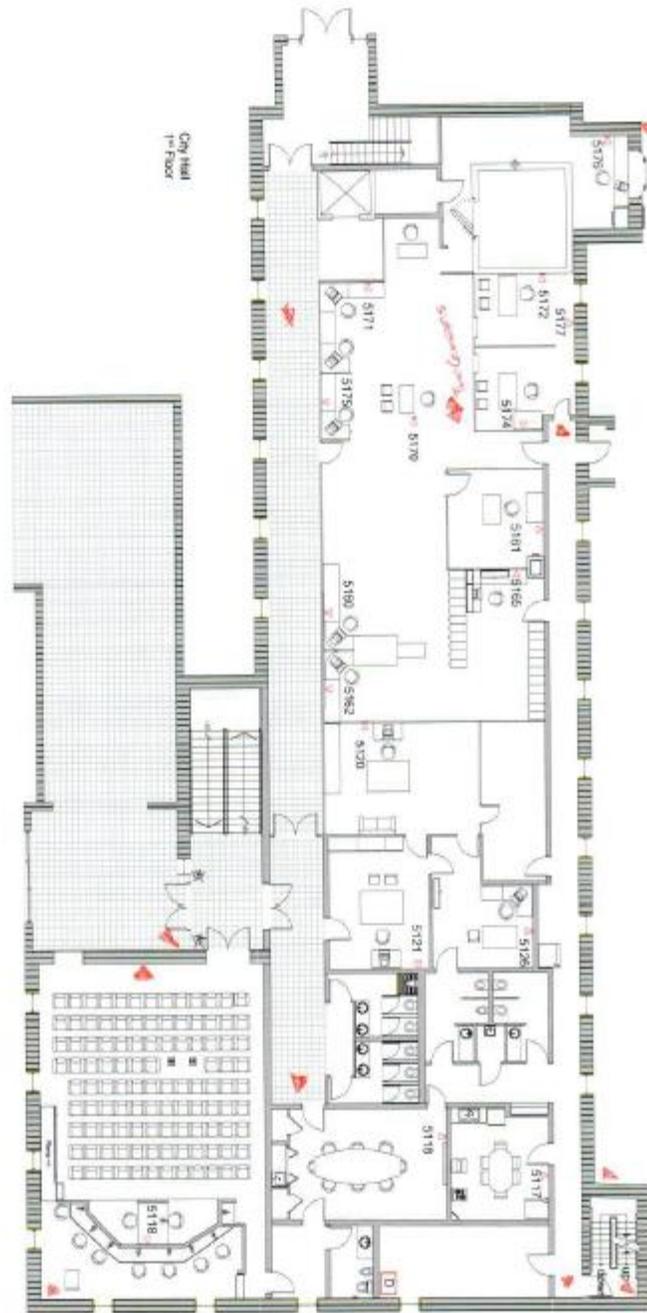












*Play Hall  
Second Floor*

