

# ENERGY CONSERVATION BUILDING #1062, #2262, #1220 & #1077 AL ARNG TRAINING SITE IFB NO. AC-09-B-0039-S

Ft. McClellan  
Anniston, Alabama

### BUILDING 1062 - SCOPE OF WORK

The work involves all construction including selective demolition and new work required to complete the upgrades and energy conservation to Building 1062. Work includes but is not limited to furnishing all materials, labor, and equipment to complete the following:

1. Furnish and install new dual technology lighting occupancy sensors throughout the building in spaces shown on plans and schedules. Plans indicate spaces and sensor types to be used for the project.
2. Remove existing light fixtures and install new light fixtures as shown on the plans.
3. Furnish and install new building automation system. Basis of Design is Honeywell WEBS 201. Installation shall include four (4) new Smart Cards and interface to the existing Honeywell card reader system located in the Central Issue Facility. Interface shall be via the Honeywell building automation system and be programmed for occupancy utility billing, as well as operation of HVAC equipment. Billing data shall include gas, water and electrical power.
4. Work shall include repair to any building components including walls, roofs, ceilings, floors, landscaping, roads, lawns, etc. which may become damaged during the construction. All repair shall be complete and shall be sufficient to return the items to pre-construction condition.

### BUILDING 2262 - SCOPE OF WORK

The work involves all construction including selective demolition and new work required to complete the upgrades and energy conservation to Building 2262. Work includes but is not limited to furnishing all materials, labor, and equipment to complete the following:

1. Furnish and install new dual technology lighting occupancy sensors throughout the building in spaces shown on plans and schedules. Plans indicate spaces and sensor types to be used for the project.
2. Remove existing light fixtures and install new light fixtures as shown on the plans.
3. Furnish and install new building automation system. Basis of Design is Honeywell WEBS 201. Installation shall include four (4) new Smart Cards and interface to the existing Honeywell card reader system located in the Central Issue Facility. Interface shall be via the Honeywell building automation system and be programmed for occupancy utility billing, as well as operation of HVAC equipment. Billing data shall include gas, water and electrical power.
4. Work shall include repair to any building components including walls, roofs, ceilings, floors, landscaping, roads, lawns, etc. which may become damaged during the construction. All repair shall be complete and shall be sufficient to return the items to pre-construction condition.

### BUILDING 1077 - SCOPE OF WORK

The work involves all construction including selective demolition and new work required to complete the upgrades and energy conservation to Building 1077. Work includes but is not limited to furnishing all materials, labor, and equipment to complete the following:

1. Furnish and install new dual technology lighting occupancy sensors throughout the building in spaces shown on plans and schedules. Plans indicate spaces and sensor types to be used for the project.
2. Furnish and install new utility sub-meters for water, power, and gas. All new meters shall be located as close as possible to the local utility company meter. All new equipment shall be fully interfaced with the existing Honeywell building DDC control system. This includes data logging, trend logging, real time values, and historical data.
3. Work shall include repair to any building components including walls, roofs, ceilings, floors, landscaping, roads, lawns, etc. which may become damaged during the construction. All repair shall be complete and shall be sufficient to return the items to pre-construction condition.

### BUILDING 1220 - SCOPE OF WORK

The work involves all construction including selective demolition and new work required to complete the upgrades and energy conservation to Building 1220. Work includes but is not limited to furnishing all materials, labor, and equipment to complete the following:

1. Upgrade the existing Honeywell WEBS building automation software /system to the latest version of Honeywell WES Ax. Work shall include all equipment as well as programming and graphics as required to place the new software in full operation. This shall include all current data logging, etc.
2. Work shall include repair to any building components including walls, roofs, ceilings, floors, landscaping, roads, lawns, etc. which may become damaged during the construction. All repair shall be complete and shall be sufficient to return the items to pre-construction condition.

### Alabama National Guard McClellan Bldg. 1062

**A. BASE BID:** Installation of new building automation system including installation of smart card system to place units in "unoccupied/occupied" mode as noted on the Scope of Work.  
**B. ALTERNATE NO. 1:** Installation of new lighting, occupancy sensors and lamps as shown on the plans and described in the Scope of Work.

### C. UNIT PRICES

1. Contractor shall provide unit pricing for adding or deleting room occupancy sensor on a per unit basis. Unit price shall include equipment and installation.
2. Contractor shall provide unit pricing for adding or deleting light fixtures / lamps for Fixture Type A4, C2, D2, and H1. Reference Building 1062 Lighting Schedule Notes 4 thru 8 for fixture description. Unit price shall include equipment and installation.

### Alabama National Guard McClellan Bldg. 1220

**BASE BID:** Upgrade existing building automation system to Honeywell Webs AX as noted on the Scope of Work. There are no alternates or unit prices required for this building.

### Alabama National Guard McClellan Bldg. 1077

**A. BASE BID:** Installation of utility sub-meters and interface with DDC controls as noted in the Scope of Work. Upgrade existing building automation system to Honeywell Webs AX as noted on the Scope of Work.  
**B. ALTERNATE NO. 1:** Installation of new lighting occupancy sensors as shown on the plans and noted in the Scope of Work.  
**C. UNIT PRICES:** Contractor shall provide unit pricing for adding or deleting room occupancy sensor on a per unit basis. Unit price shall include equipment and installation.

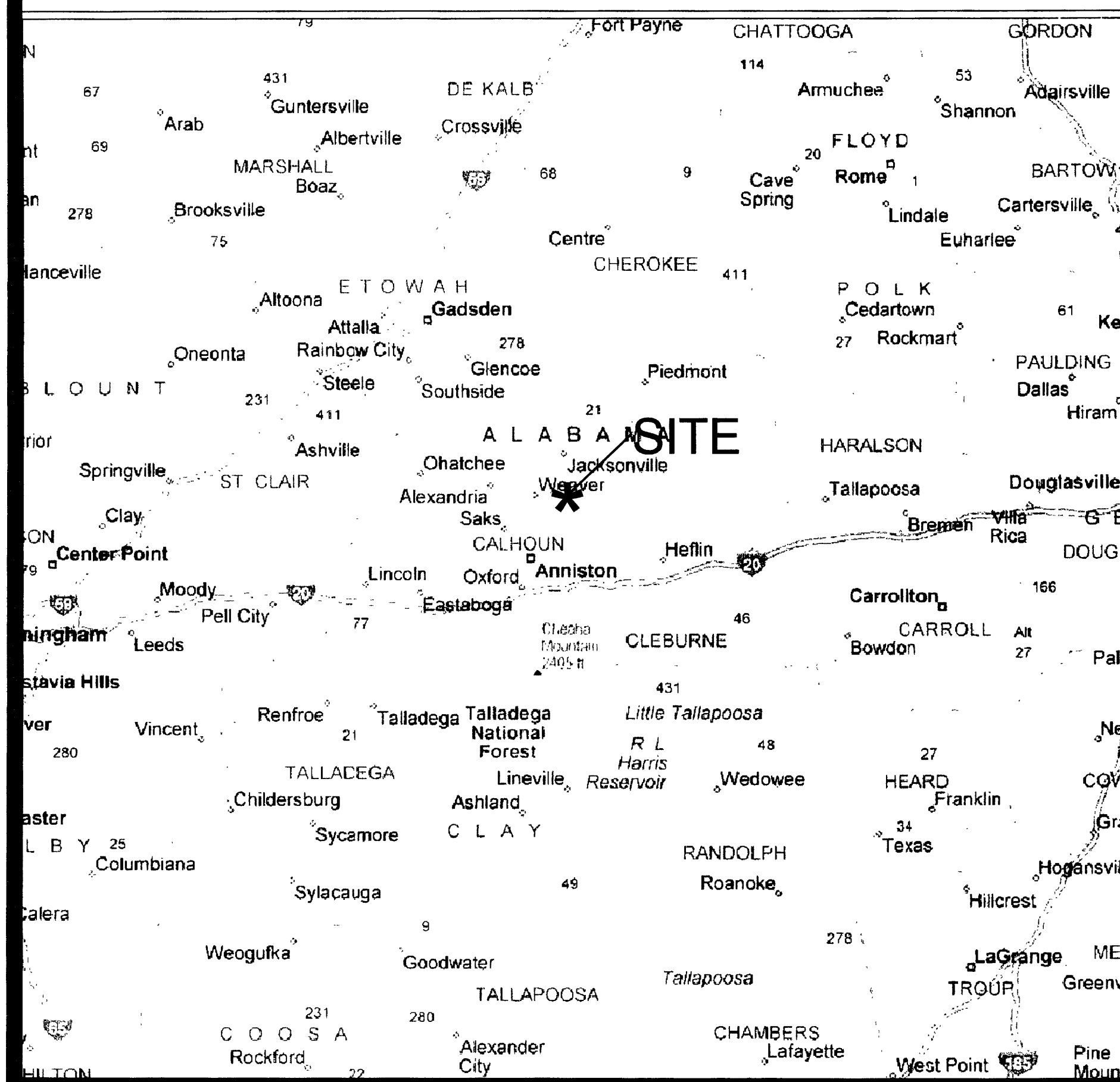
### Alabama National Guard McClellan Bldg. 2262

**A. BASE BID:** Installation of new building automation system including installation of smart card system to place units in "unoccupied/occupied" mode as noted on the Scope of Work.  
**B. ALTERNATE NO. 1:** Installation of new lighting, occupancy sensors, and lamps as shown on the plans and described in the Scope of Work.

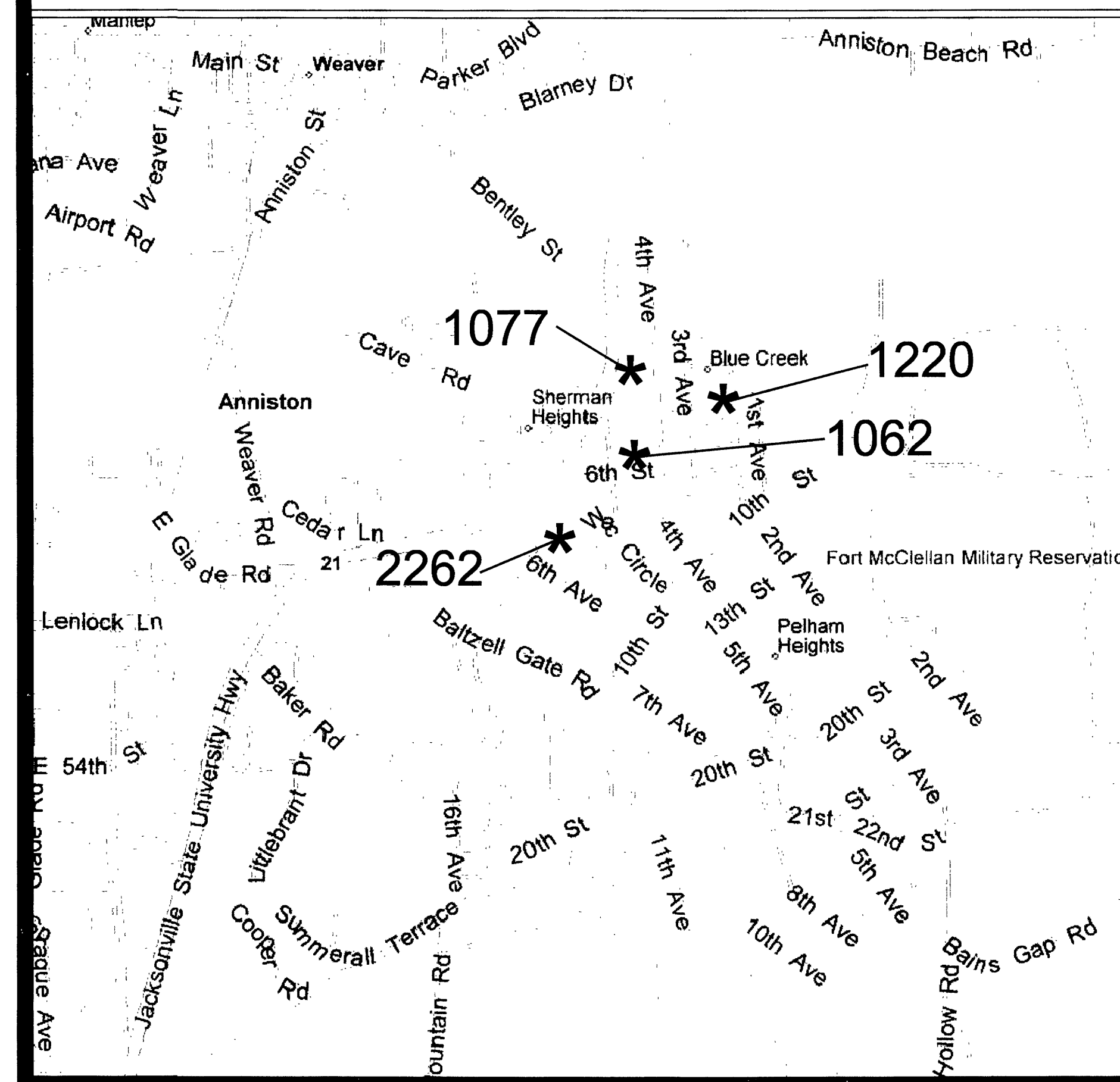
### C. UNIT PRICES:

1. Contractor shall provide unit pricing for adding or deleting room occupancy sensors on a per unit basis. Unit price shall include equipment and installation.
2. Contractor shall provide unit pricing for adding or deleting light fixtures / lamps for Fixture Type A2, A4, C1, and D2. Reference Building 2262 Lighting Schedule Notes 4 thru 7 for fixture description. Unit price shall include equipment and installation.

## VICINITY MAP - STATE



## VICINITY MAP - CITY



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## CONSTRUCTION DOCUMENTS

Project Number: 819  
 Date: August 18, 2009  
 Revisions:

Sheet Description

Title Sheet

Sheet Number

T1.1