

**DESCRIPTION OF WORK FOR FIRE ALARM SYSTEM**

1. ALL INSTALLED DEVICES SHALL MATCH & BE COMPATIBLE WITH EXISTING COMPONENTS INSTALLED ON UPPER LEVEL OF BUILDING.
2. SMOKE AND CO DETECTORS SHALL BE INSTALLED AND INTERCONNECTED IN SERIES TO FUNCTION AS FOLLOWS:
  - A. SOUND AUDIBLE ALARMS IN THE EVENT OF DETECTION.
  - B. SHUT DOWN AIR HANDLERS.
  - C. DE-ENERGIZE ALL ELECTRIC STRIKES TO FAIL SAFE OPEN.
3. FIRE ALARM SYSTEMS:

THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE, ELECTRICALLY SUPERVISED, CONVENTIONAL/ADDRESSABLE FIRE ALARM SYSTEM. THE SYSTEM SHALL INCLUDE, BUT IS NOT LIMITED TO, ALL CONTROL PANELS, POWER SUPPLIES, INITIATING DEVICES, AUDIBLE AND VISUAL NOTIFICATION APPLIANCES, ALARM DEVICES, AND ALL ACCESSORIES REQUIRED TO PROVIDE A COMPLETE OPERATING SYSTEM. COMPONENTS SHALL BE BOSCH OR EQUAL.

ALL FIRE ALARM SYSTEM DEVICES SHALL BE LISTED FOR ITS INTENDED PURPOSE AND BE COMPATIBILITY LISTED TO ASSURE THE INTEGRITY OF THE COMPLETE SYSTEM.

THE FIRE ALARM SYSTEM AND INSTALLATION SHALL COMPLY WITH THE CURRENT PROVISIONS OF THE FOLLOWING CODES AND STANDARDS:

- NATIONAL ELECTRIC CODE (NEC) ARTICLE 760
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):
- NFPA 70 NATIONAL ELECTRIC CODE
- NFPA 72 NATIONAL ALARM CODE
- NFPA 101 LIFE SAFETY CODE

UNDERWRITER'S LABORATORIES INC (UL):

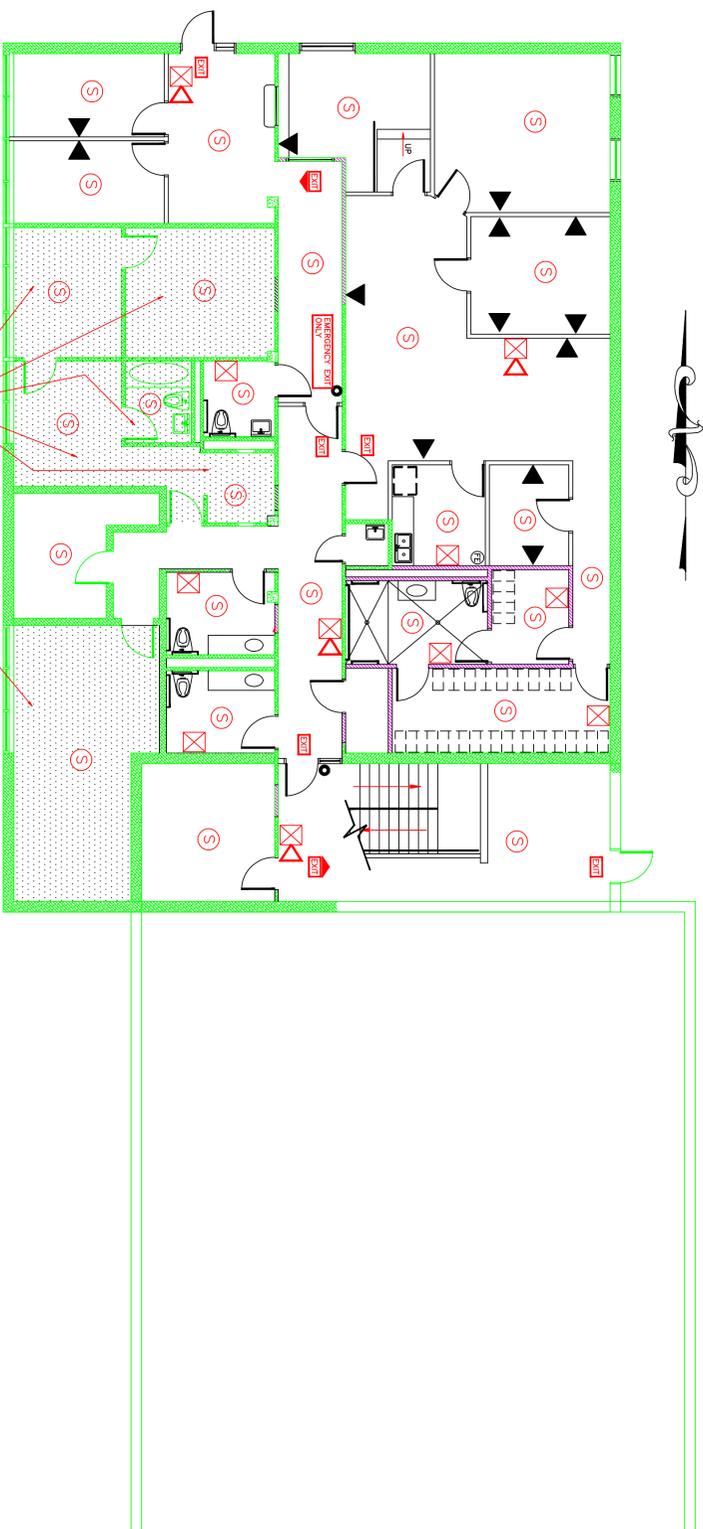
- UL 864
- UL 268
- UL 268A
- UL 217
- UL 521
- UL 228
- UL 464
- UL 163B
- UL 268A
- UL 38
- UL 346
- UL 1481

AMERICAN WITH DISABILITIES ACT (ADA)

ALL VISUAL NOTIFICATION DEVICES AND PULL STATIONS SHALL COMPLY WITH ADA. ALL MOUNTING HEIGHTS, ETC. SHALL COMPLY WITH ADA REQUIREMENTS.

**NOTES**

1. CONTRACTOR SHALL PROVIDE SERVICES OF CERTIFIED FIRE ALARM COMPANY FOR DESIGN/INSTALLATION OF FIRE DETECTION AND ALARM SYSTEM THAT MEETS REQUIREMENTS OF NFPA, IBC, IFC AND THE CITY OF GUNTERSVILLE CODES AND STANDARDS AND AS REQUIRED BY THE AHJ.
2. ALL FIRE ALARM CABLES AND WIRING SHALL BE INSTALLED IN CONDUIT.
3. FIRE ALARM SYSTEM AND EQUIPMENT SHALL MATCH, BE COMPATIBLE WITH AND BE INTERGRATED INTO EXISTING FIRE ALARM SYSTEM ON UPPER FLOOR LEVEL.
3. FIRE ALARM SYSTEM AND EQUIPMENT SHALL BE DESIGNED SUCH THAT THIS PORTION FIRE ALARM SYSTEM CAN BE EXPANDED AT A LATER DATE TO INCLUDE ALL THE BUILDING ON THIS FLOOR LEVEL AND ALSO INTERGRATED INTO THE EXISTING FIRE ALARM SYSTEM ON THE UPPER FLOOR.
4. ELECTRIC STRIKES ON DOORS DR110, DR114, DR123 & DR124 SHALL BE CONNECTED TO FIRE ALARM SYSTEM AND SHALL FAIL OPEN IN THE EVENT OF AN ALARM OR LOSS OF POWER.



CONTRACTOR SHALL INSTALL AND CONNECT TO BUILDING DETECTION OF THE WORK IN THESE ROOMS IS BEING PERFORMED BY OWNER.

**FIRE ALARM SYSTEM PLAN**

**LEGEND**

- Ⓢ SMOKE DETECTOR
- Ⓢ STROBE (15/75 CD)
- Ⓢ HORN STROBE (15/75 CD, 101DB)
- FACP FIRE ALARM CONTROL PANEL
- CARD READER FOR ELECTRIC STRIKE ON DOOR(S)
- ▶ BOXES FOR INTERNET/PHONES WITH CONDUIT IN WALL. EXTEND CONDUIT FROM BOX TO ABOVE CEILING FOR INSTALLATION OF WIRING BY OWNER LATER. (SEE ELECTRICAL PLANS.) IF ELECTRICAL PLANS DO NOT AGREE WITH THIS PLAN RELATIVE TO NUMBER AND LOCATIONS OF BOXES, USE THIS PLAN FOR NUMBER AND LOCATION OF BOXES AND CONDUITS.

ENGINEER SEAL

PARTIAL RENOVATION OF LOWER FLOOR  
GUNTERSVILLE MUNICIPAL BUILDING  
FOR  
THE CITY OF GUNTERSVILLE, ALABAMA

Emmett D. Smith and Associates, Architect, P.C. - P.O. Box 171 Guntersville, Ala. 35976 - Phone (205) 531-3749

5450  
A FOR BIDS

DATE: 08/28/17

DESIGNED BY: E.D. SMITH

SHEET NO: L-GM-01

LIFE SAFETY - FIRE ALARM SYSTEM

1/8" = 1'-0"

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