

FIRE ALARM SYSTEM

SCOPE AND RELATED DOCUMENTS:

- A. THE WORK COVERED BY THIS SECTION OF THE SPECIFICATIONS INCLUDES THE FURNISHING OF ALL LABOR, EQUIPMENT, MATERIALS, AND PERFORMANCE OF ALL OPERATIONS ASSOCIATED WITH THE INSTALLATION OF THE FIRE ALARM SYSTEM AS SHOWN ON THE DRAWINGS AND AS HEREIN SPECIFIED.

GENERAL:

- A. FURNISH AND INSTALL A COMPLETE FIRE ALARM SYSTEM AS DESCRIBED HEREIN AND AS SHOWN ON THE PLANS, TO BE WIRED, CONNECTED, AND LEFT IN FIRST CLASS OPERATING CONDITION. INCLUDE SUFFICIENT CONTROL PANEL(S), ANNUNCIATORS(S), MANUAL STATIONS, AUTOMATIC FIRE DETECTORS, SMOKE DETECTORS, ALARM INDICATING APPLIANCES, WIRING, TERMINATIONS, ELECTRICAL BOXES, AND ALL OTHER NECESSARY MATERIAL FOR A COMPLETE OPERATING SYSTEM.

QUALITY ASSURANCE:

- A. EACH AND ALL ITEMS OF THE FIRE ALARM SYSTEM SHALL BE LISTED AS A PRODUCT OF A SINGLE FIRE ALARM SYSTEM MANUFACTURER UNDER THE APPROPRIATE CATEGORY BY UNDERWRITERS LABORATORIES, INC. (UL), AND SHALL BEAR THE UL LABEL. ALL CONTROL EQUIPMENT SHALL BE LISTED UNDER UL CATEGORY UOJZ AS A SINGLE CONTROL UNIT. PARTIAL LISTING SHALL NOT BE ACCEPTABLE.

SUPERVISION:

- A. THE SYSTEM SHALL BE 100 ADDRESSABLE STYLE 4 SYSTEM. THE ALARM ACTIVATION OF ANY INITIATION CIRCUIT SHALL NOT PREVENT THE SUBSEQUENT ALARM OPERATION OF ANY OTHER INITIATION CIRCUIT.

OPERATION:

- A. THE SYSTEM ALARM OPERATION SUBSEQUENT TO THE ALARM ACTIVATION OF ANY MANUAL STATION, AUTOMATIC DETECTION DEVICE, OR SPRINKLER FLOW SWITCH SHALL BE AS FOLLOWS: 1. AN AUDIBLE ALARM INDICATING APPLIANCES SHALL SOUND A CONTINUOUS FIRE ALARM SIGNAL UNTIL SILENCED BY THE ALARM SILENCE SWITCH AT THE CONTROL PANEL AT THE REMOTE ANNUNCIATOR.

POWER REQUIREMENTS:

- A. THE CONTROL PANEL SHALL RECEIVE 120 VAC POWER (AS NOTED ON THE PLANS) VIA A DEDICATED FUSED DISCONNECT CIRCUIT.

FIRE ALARM CONTROL PANEL:

- A. CONTROL PANEL CONSTRUCTION SHALL BE MODULAR WITH SOLID-STATE, MICROPROCESSOR-BASED ELECTRONICS. IT SHALL DISPLAY ONLY THOSE PRIMARY CONTROLS AND DISPLAYS ESSENTIAL TO OPERATION DURING A FIRE ALARM CONDITION. KEYBOARDS OR KEYPADS SHALL NOT BE REQUIRED TO OPERATE THE SYSTEM DURING FIRE ALARM CONDITIONS.

SYSTEM PANEL OPERATION AND CAPABILITIES:

- A. UNDER NORMAL CONDITION, THE FRONT PANEL SHALL DISPLAY A "SYSTEM IS NORMAL" MESSAGE AND THE CURRENT TIME AND DATE.

MULTIPLE ADDRESSABLE PERIPHERAL NETWORK (MAPNET):

- A. COMMUNICATION WITH ADDRESSABLE DEVICES. THE SYSTEM MUST PROVIDE COMMUNICATION WITH INITIATING AND CONTROL DEVICES INDIVIDUALLY. ALL OF THESE DEVICES WILL BE INDIVIDUALLY ANNUNCIATED AT THE CONTROL PANEL. ANNUNCIATION SHALL INCLUDE THE FOLLOWING CONDITIONS FOR EACH POINT:

ADDRESSABLE DEVICE TYPES:

- 1. GENERAL: THE SYSTEM CONTROL PANEL MUST BE CAPABLE OF COMMUNICATING WITH THE TYPES OF ADDRESSABLE DEVICES SPECIFIED BELOW. ADDRESSABLE DEVICES MUST BE LOCATED AS SHOWN ON THE DRAWINGS.

INSTALLATION:

- A. PROVIDE AND INSTALL THE SYSTEM IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, ALL APPLICABLE CODES AND THE MANUFACTURER'S RECOMMENDATIONS. ALL WIRING SHALL BE INSTALLED IN CONDUIT. ALL WIRING SHALL BE INSTALLED IN STRICT COMPLIANCE WITH ALL THE PROVISIONS OF NEC ARTICLE 760 AND C. POWER LIMITED FIRE PROTECTIVE SIGNALING CIRCUITS OR IF REQUIRED MAY BE RECLASSIFIED AS NON-POWER LIMITED AND WIRED IN ACCORDANCE WITH NEC-ARTICLE 760 A AND B.

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NOTES:

Table with 3 columns: REVISION #, DATE, REMARKS. Contains multiple empty rows for revisions.

Table with 3 columns: ISSUE DATE, ISSUED TO, ISSUED FOR. Contains one row with dates and county/permits.

PROJECT ADDRESS:
MASJID AL-MOMINEEN
837 NORTH INDIAN CREEK DRIVE
CLARKSTON, DEKALB COUNTY
GEORGIA, 30021

LAYOUT:
FIRE ALARM SPECIFICATION

PAPER SIZE: 24X36 (ARCH D)
SCALE: AS NOTED

SHEET NUMBER:
E201