



1 SCHEMATIC FIRE ALARM RISER DIAGRAM
E1.1 SCALE: NTS

FIRE ALARM LEGEND (NOTE: ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS AND ARE USED AS APPLICABLE TO THIS PROJECT)			
SYMBOL	DESCRIPTION	REMARKS	MOUNTING HEIGHT TO CENTERLINE (IN)
X	FIRE ALARM STROBE/FLASHING LIGHT		80" TO BOTTOM OF VISUAL
X	FIRE ALARM HORN/STROBE COMBINATION		80" TO BOTTOM OF VISUAL
X	FIRE ALARM HORN ONLY		80" TO BOTTOM OF VISUAL
P	FIRE ALARM MANUAL PULL STATION		48" TO BOTTOM OF VISUAL
DS	DUCT-SMOKE DETECTOR (DAMPER) OR (EX-HAUST)		
SD	SMOKE DETECTOR		CEILING
AHD	AUTOMATIC HEAT DETECTOR (RATE OF RISE TYPE)		CEILING
FPHJ	FIREMAN'S PHONE JACK		
TS	TAMPER SWITCH		
FS	FLOW SWITCH		
FACP	FIRE ALARM CONTROL PANEL		
FACP	FIRE ALARM PULL CABINET		
FRA	FIRE ALARM REMOTE ANNUNCIATOR		
U/V	ULTRAVIOLET FLAME DETECTOR		
X	CEILING MOUNTED FIRE ALARM HORN/STROBE COMBINATION		CEILING

- FIRE ALARM RISER DIAGRAM NOTES:**
- SYSTEM IS U.L. LISTED FOR POWER-LIMITED D.C. APPLICATIONS PER NEC 780.
 - ALL RACEWAY (WHERE INDICATED) SHALL BE MINIMUM 3/4" CONDUIT.
 - QUANTITY OF DEVICES IS SHOWN FOR SCHEMATIC PURPOSES ONLY. SEE FLOOR PLAN DRAWINGS FOR ACTUAL NUMBER OF DEVICES. RISER DOES NOT INDICATE THE TOTAL QUANTITY OF FIRE ALARM DEVICES.
 - WHEN AN ALARM CONDITION IS DETECTED BY ONE OF THE SYSTEM INITIATING DEVICE, THE FOLLOWING FUNCTIONS SHALL IMMEDIATELY OCCUR.
 - THE SYSTEM ALARM LED SHALL FLASH.
 - A LOCAL SOUND DEVICE IN THE PANEL SHALL BE ACTIVATED.
 - THE CORRESPONDING LED ON THE INITIATING ZONE(S) IN ALARM SHALL FLASH.
 - ALL AUTOMATIC PROGRAMS ASSIGNED TO THE ALARM POINT SHALL BE EXECUTED. AS EACH INDICATING CIRCUIT OR CONTROL RELAY IS ACTIVATED, IT'S LED SHALL BE ILLUMINATED.
 - ACTIVATE AN OUTPUT TO THE MONITORING SERVICE APPROVED BY THE LOCAL AUTHORITY.
 - ALL AUDIBLE VISUAL, AUDIBLE/VISUAL COMBO UNITS, MINI HORNS IN GUEST ROOMS AND MINI HORNS IN HEARING IMPAIRED ROOMS WILL BE ACTIVATED.
 - ALL AIR HANDLING UNITS AND FAN COIL UNITS SERVING MEANS OF EGRESS SHALL BE SHUT DOWN.
 - AUTOMATICALLY DIAL LOCAL FIRE DEPARTMENT, POLICE DEPARTMENT, ETC. IN ACCORDANCE WITH NFPA 101.16-3.4.3.4. COORDINATE WITH THE OWNER AND FIRE MARSHALL.
 - FIRE ALARM SYSTEM SHALL COMPLY WITH NFPA-72 & ADA.
 - FIRE ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED BY FIRE ALARM SYSTEM VENDOR. FIRE ALARM SYSTEM SHALL COMPLY WITH LOCAL, CITY, COUNTY, STATE AND FEDERAL CODES. ELECTRICAL DRAWINGS MUST BE MODIFIED BY THE FIRE ALARM SYSTEM VENDOR IN ORDER TO COMPLY WITH ABOVE. ADD, RELOCATE, ETC. FIRE ALARM DEVICES AS REQUIRED.
 - FIRE ALARM CABLES SHALL COMPLY WITH NEC ARTICLE 760 AND APPROVED FOR THEIR USE.

DESIGN BUILD
BLACKWATER CONSTRUCTION GROUP, LLC
2200 SATELLITE BLVD. DULUTH GA 30092
TEL: (770) 455-1569

DESIGN CONSULTANTS
DESIGN SOLUTIONS LLC
www.designsolutions.com
Phone: 404-740-7587

ARCHITECT OF RECORD
ROBERT J LARA, AIA
8450 SW 201 ST.
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3550 ENGINEERING DRIVE, SUITE 175
PEACHTREE CORNERS, GA 30092
TEL: (678) 906-4670
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NOTES:

REVISION #	DATE	REMARKS

ISSUE DATE	ISSUED TO:	ISSUED FOR:
18-02-2014	COUNTY	PERMITS

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

LAYOUT:
FIRE ALARM LEGEND,
SYMBOL, AND RISER
DIAGRAM

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

SHEET NUMBER:
E101

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