



NOTES:	
◇	CAT 6 CABLES CONNECTING MOTION DETECTORS TO CONTROLLER'S/EXPANSION ENCLOSURE'S ZONES.
◇	CAT 6 CABLES CONNECTING SMOKE DETECTORS TO CONTROLLER'S/EXPANSION ENCLOSURE'S ZONES.
◇	CAT 6 CABLES CONNECTING GLASS BREAK DETECTORS TO CONTROLLER'S/EXPANSION ENCLOSURE'S ZONES.
◇	CAT 6 CABLES CONNECTING SIRENS TO CONTROLLER.
◇	2 x 16 AWG SHIELDED + CAT 6 CABLE CONNECTING ACCESS CONTROL CARD READERS TO CONTROLLER.
◇	2 x 16 AWG SHIELDED CABLE CONNECTING ELECTRO MAGNETIC DOOR LOCKS TO ACCESS CONTROL CARD READER.
◇	CAT 6 CABLE CONNECTING OMNI CONSOL TO CONTROLLER.
◇	CAT 6 CABLE CONNECTING 8-PORT POWER OVER ETHERNET SWITCH TO CONTROLLER'S NETWORK PORT.
◇	2 x 16 AWG SHIELDED CONNECTING EACH PAIR SPEAKERS TO HI-FI2 AUDIO SYSTEM'S/EXPANSION AMPLIFIER'S ZONES.
◇	CAT 6 CABLES CONNECTING THERMOSTATS TO CONTROLLER.

**SPECIAL NOTES:**

1) FOR DETAILS AND TECHNICAL SPECIFICATION OF ALL AUTOMATION DEVICES PLEASE REFER TO SPECIFIC SHOP DRAWINGS OR VISIT OUR WEBSITE: [www.alsaonline.com](http://www.alsaonline.com).

REV. NO.	DESCRIPTION	DATE

**SMARTHOME/CONTRACTOR:**



**ALSAGGAF SONS CO. LTD.**  
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 KINGDOM OF SAUDI ARABIA

**PROJECT TITLE**

**DRAWING TITLE**

**SINGLE LINE DIAGRAM**

DATE	SHEET NO.	PROJECT NO.
	SD-01	

**APPROVED BY**

**ALSAGGAF SONS TECH DEPT**

**CHECKED BY**

**Mr. Rayan Alsaggaf**

**C** SINGLE LINE DIAGRAM  
 SD-01 SCALE : N.T.S.