



MAQAM AL-NABI MUSA

ELECTRICAL DRAWINGS



July 2016

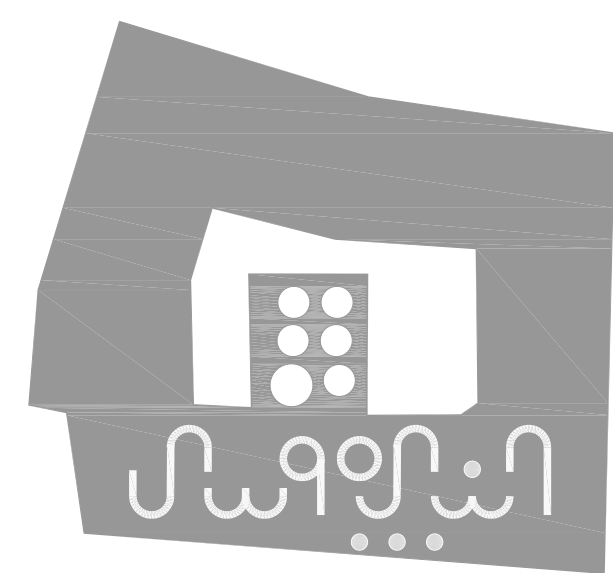
List of Drawings

E-00	Electrical Legend
E-01	List Of Drawings
E-02	Basement Floor MAIN FEEDER LINES
E-03	Basement Floor Lighting System
E-04	Basement Floor Power Systems
E-05	Basement Floor LV Systems
E-06	Basement Floor Fire Alarm & Public Address Systems
E-07	Basement Floor Electromechanical System
E-08	Ground Floor MAIN FEEDER LINES
E-09	Ground Floor Lighting System
E-10	Ground Floor Power Systems
E-11	Ground Floor LV Systems
E-12	Ground Floor Fire Alarm & Public Address Systems
E-13	Ground Floor Electromechanical System
E-14	First Floor MAIN FEEDER LINES
E-15	First Floor Lighting System
E-16	First Floor Power Systems
E-17	First Floor LV Systems
E-18	First Floor Fire Alarm & Public Address Systems

E-19	First Floor Electromechanical System
E-20	Second Floor MAIN FEEDER LINES
E-21	Second Floor Lighting System
E-22	Second Floor Power Systems
E-23	Second Floor LV Systems
E-24	Second Floor Fire Alarm & Public Address Systems
E-25	Second Floor Electromechanical System
E-26	Roof Floor Electrical Systems
E-27	Ground Floor Earthing System
E-28	Power Riser
E-29	LV Riser
E-30	Data Cabinet Riser
E-31	Fire Alarm Riser
E-32	Public Address System Riser
E-33	BMS RISER
E-34	KNX RISER
E-35	MDB
E-36	Electrical Pillars 1, 2 & 3 DB–External Light
E-37	Storages Electrical Panel DB–S1, DB–S2 & DB–S3

E-38	DB–Data–Room, DB–Mech, DB–Elect.–Room& DB–SRV
E-39	DB–Enviromental DB–Exhibitions
E-40	DB–Lodging 1, 2 & 3
E-41	DB–Lodging 4, 5 & 6
E-42	DB–Mosque,DB–Shops,DB–Sh DB–Mehrab, DB–Theraby
E-43	DB–Museum,DB–Educ Museum DB–Conference lecture
E-44	DB–Adminstration Offices DB–Resturant
E-45	Electrical Details Part 1
E-46	Electrical Details Part 2
E-47	Site Plan Electrical Systems
E-48	Basement Floor BMS Wiring
E-49	Basement Floor KNX Wiring
E-50	Ground Floor BMS Wiring
E-51	Ground Floor KNX Wiring
E-52	First Floor BMS Wiring
E-53	First Floor KNX Wiring
E-54	Second Floor BMS Wiring
E-55	
E-56	

NOTES & LEGEND:



PROJECT:

Securing Professional Services for the Architectural Restoration and Rehabilitation Designs, Archaeological Documentation and Orientation Training, Including Tender Documents Preparation and Site Supervision for Conservation and Rehabilitation Works of Maqam Al-Nabi Musa in Jericho Governorate
Support to Development of Cultural Tourism

DESIGN WORKS:
JDC -Jerusalem Design Center

ELECTRICAL WORKS:
-Eng .Midhat AlSharif

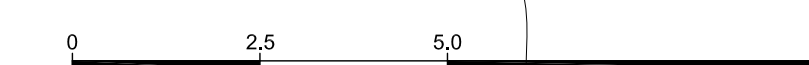
MECHANICAL WORKS:
elite -Elite Mechanical Consultants

SHEET NAME:
List Of Drawings

SCALE:
☐ For Review
☐ For Approval
☒ For Tender
☐ For Construction

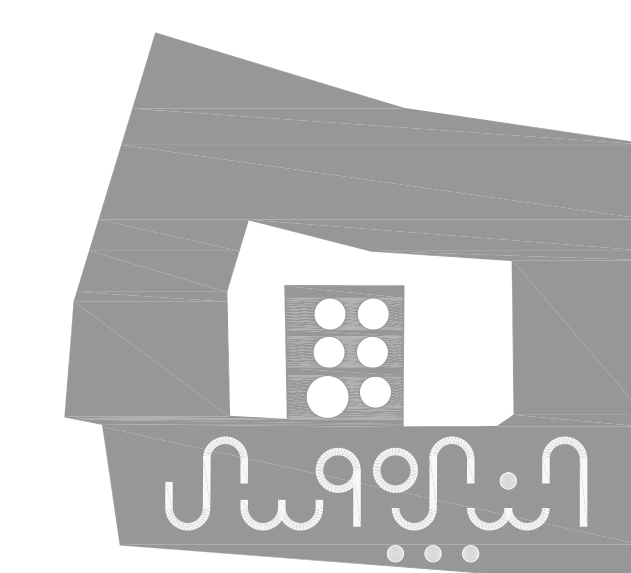
EDITION:
SHEET NO.
E-01





NOTES & LEGEND:

SYMBOL	DESCRIPTION
	THREE/SINGLE PHASE
	MAIN ELECTRIC BOARD L.V. SIDE
	METAL ELECTRIC BOARD WITH LOW VOLTAGE SIDE
	DISTRIBUTION BOARD
	GENERATOR
	STEP RELAY
	MOTORIZED AIR CIRCUIT BREAKER WITH TRIP RATING
	CONTACTOR
	INDICATOR LAMPS WITH PUSH BUTTON
	GENERAL MULTIMETER
	AMMETER/VOLTMETER
	TRANSFORMER
	THREE/SINGLE PHASE FUSE
	THREE/SINGLE PHASE EARTH LEAKAGE RELAY
	THREE PHASE kWhm
	SINGLE PHASE kWhm
	4-POLE CHANGE OVER SWITCH MANUAL OR AUTO
	CHECK BOX
	60/60CM ELECTRICAL MANHOLE
	60/60CM TELEPHONE MANHOLE



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Support to Development of Cultural Tourism

DESIGN WORKS:



-Jerusalem Design Center

ELECTRICAL WORKS:

-Eng .Midhat AlSharif

MECHANICAL WORKS:


-Elite Mechanical Consultants

SHEET NAME:

Basement Floor
MAIN FEEDER LINES

SCALE: 1:100

EDITION:

☐ For Review
☐ For Approval
☒ For Tender
☐ For Construction

0	
	SH

E-02

DATE: July-2016



JerusalemDesignCenter
Architects, Engineers & Consultants

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This section displays a variety of lighting products:

- WATERPROOF LED STRIP**: A flexible strip light shown in a coiled view and installed under a wooden bench.
- Wall Sconces**: Two different styles of wall-mounted lights, one with a curved black shade and another with a rectangular black frame.
- Floor Lamp**: A tall, slender, cylindrical lamp with a white diffuser and a dark base.
- Table Lamp**: A small, square table lamp with a white diffuser and a dark base.



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DESIGN WORKS:

 **-Jerusalem Design Center**

ELECTRICAL WORKS:

MIDHAT ALSHARIF
Electrical Engineer
Consulting Office
P.O. BOX 60789 Jeddah
JEDDAH 21565 SAUDI ARABIA

-Eng .Midhat AlSharif

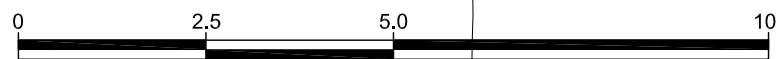
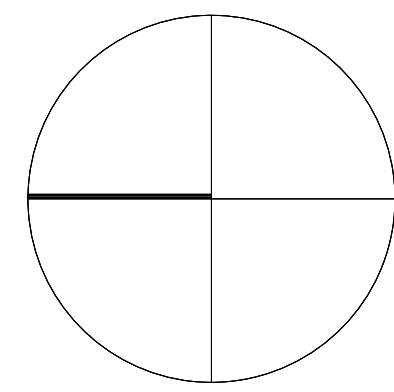
MECHANICAL WORKS:

 -Elite Mechanical Consultants

SHEET NAME:

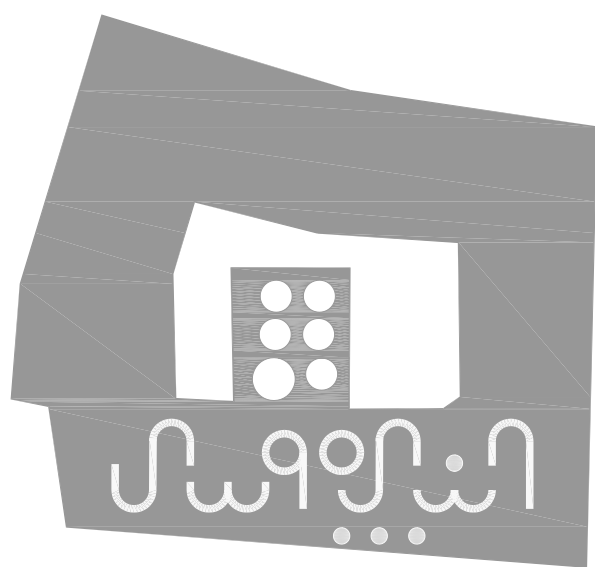
Basement Floor
Lighting System

SCALE: 1:100 if plotted on A0	EDITION:
☐ For Review ☐ For Approval ☒ For Tender ☐ For Construction	SHEET NO. 
DATE: July-2016	



NOTES & LEGEND:

SYMBOL	DESCRIPTION	
	POWER SOCKETS	H= (cm) 0.15
	16A 3 PIN SOCKET OUTLET / W.P.	180
	16A 3 PIN SOCKET OUTLET CEILING MOUNTED	180
	16A 3 PIN TRIP SOCKET OUTLET / W.P.	180
	16A 3 PIN TRIP SOCKET OUTLET	180
	SINGLE PHASE (2POLE) ISOLATOR, Rate As Indicated	220
	THREE PHASE (4POLE) ISOLATOR, Rate As Indicated	220
	JUNCTION BOX	160
	EMERGENCY TRIP PUSH BUTTON	220
	THERMOSTAT	160
	3 PHASE SOCKET	150
	3 PHASE SOCKET INTERLOCKED	
	W.P. 16A 3 PIN SOCKET OUTLET WITH DOUBLE POLE SWITCH WITH INDICATOR LAMP	
	W.P. 16A 3 PIN SOCKET OUTLET WITH DOUBLE POLE SWITCH WITH INDICATOR LAMP	
	Double UPS socket	



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DESIGN WORKS:

-Jerusalem Design Center

ELECTRICAL WORKS:

-Eng .Midhat AlSharif

MECHANICAL WORKS:

-Elite Mechanical Consultants

SHEET NAME:

Basement Floor
Power System

SCALE: 1:100
if plotted on A0

EDITION:

☐ For Review

☐ For Approval

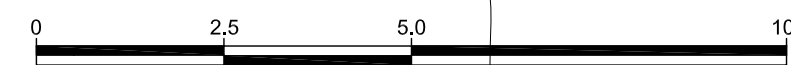
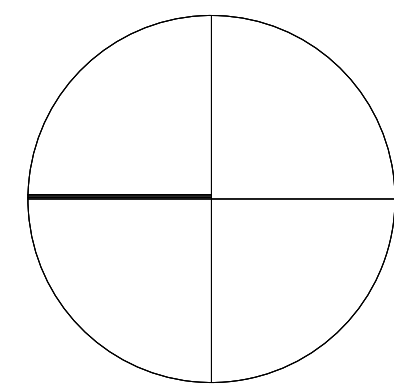
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☐ For Construction

DATE: July-2016

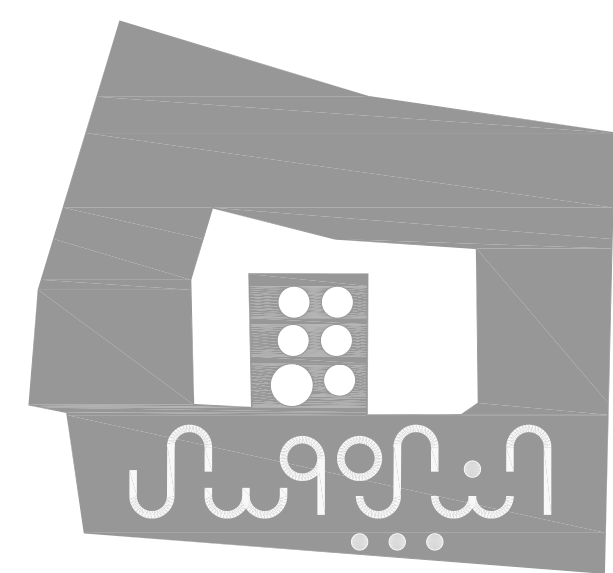
jdc JerusalemDesignCenter
Architects, Engineers & Consultants

Phone: 02 234 3696 | Fax: 02 234 3710 | Email: info@jdc.ps



NOTES & LEGEND:

SYMBOL	DESCRIPTION
	L.V. SOCKETS
	TELEPHONE SOCKET OUTLET
	I.V. SOCKET OUTLET
	DATA SOCKET OUTLET
	LOW VOLTAGE BOX
	COMPUTER PATCH PANEL
	INTERCOM
	Wifi-Point
	Data Cabinet
	AS 25 WIRING
	RJ 45 WIRING
	VGA WIRING
	VIDEO
	PROJECTOR
	VISA
	CCTV SYSTEM
	BDRM INDOOR COLORED CAMERA
	FIXED OUTDOOR COLORED CAMERA DAY/NIGHT
	SPLIT SCREEN MONITOR
	CCTV CENTRAL MONITOR



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DESIGN WORKS:

-Jerusalem Design Center

ELECTRICAL WORKS:

-Eng .Midhat AlSharif

MECHANICAL WORKS:

-Elite Mechanical Consultants

SHEET NAME:

LV Floor
Power Systems

SCALE: 1:100

if plotted on A0

EDITION:

SHEET NO.

☐ For Review

☐ For Approval

☒ For Tender

☐ For Construction

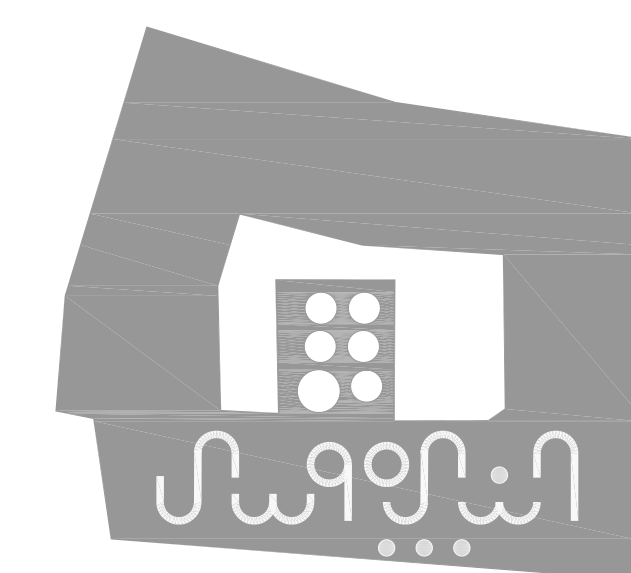
DATE: July-2016





SYMBOL	DESCRIPTION	
	FIRE ALARM SYSTEM	
	PHOTO SMOKE SENSOR	CEILING
	HEAT DETECTOR	CEILING
	BREAK GLASS	150
	INTERNAL SIREN	220
	CONTROL MODULE	CEILING
	EXTERNAL SIREN WITH FLASHER	220
	Beam Detector-Receiver	
	Beam Detector-Transmitter	
	DETECTOR INDICATION LAMP	CEILING
	PHOTOELECTRIC SMOKE DET. ABOVE FAULT/SECCODING	CEILING
	FIRE ALARM CONTROL PANEL	180
	REPEATER PANEL WITH SIREN	150
	FIRE INDICATOR LAMP CONTROL	CEILING

SYMBOL	DESCRIPTION	
	SOUND SYSTEM	H= (cm.) aft.
	6WATT RECESSED LIQUID SPEAKER	CEILING
	6WATT SURFACE MOUNT LIQUID SPEAKER	220
	25W WALL MOUNTED ADJUSTABLE HORN	220
	END OF THE LINE	CEILING
	VOLUME CONTROL	150
	16 BUTTON CALL STATION	Table
	PUBLIC ADDRESS AND VOICE ALARM RACK	180
	PENDANT SPEAKER	
	CEILING SPEAKER	
	WALL MOUNT SPEAKER	
	COLUMN SPEAKER 0.5M	
	COLUMN SPEAKER 1.0M	
	HORN SPEAKER	
	Horn speaker 2 way	
	Microphone XLR box	
	Zone No.	
	42 U rack cabinet	



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Support to Development of Cultural Tourism

DESIGN WORKS:



ELECTRICAL WORKS:

-Eng. Midhat AlSharif

MECHANICAL WORKS:



SHEET NAME:

SHEET NAME:
Basement Floor
Fire Alarm & Public
Address Systems

SCALE: 1:100

if plotted on

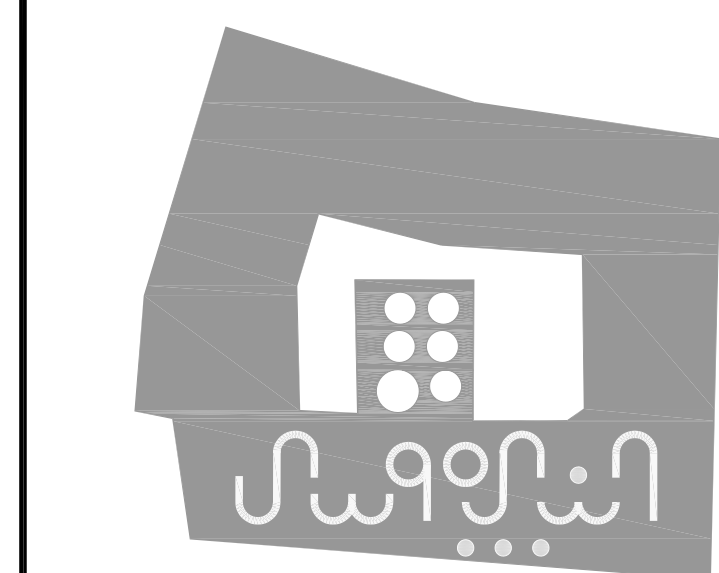
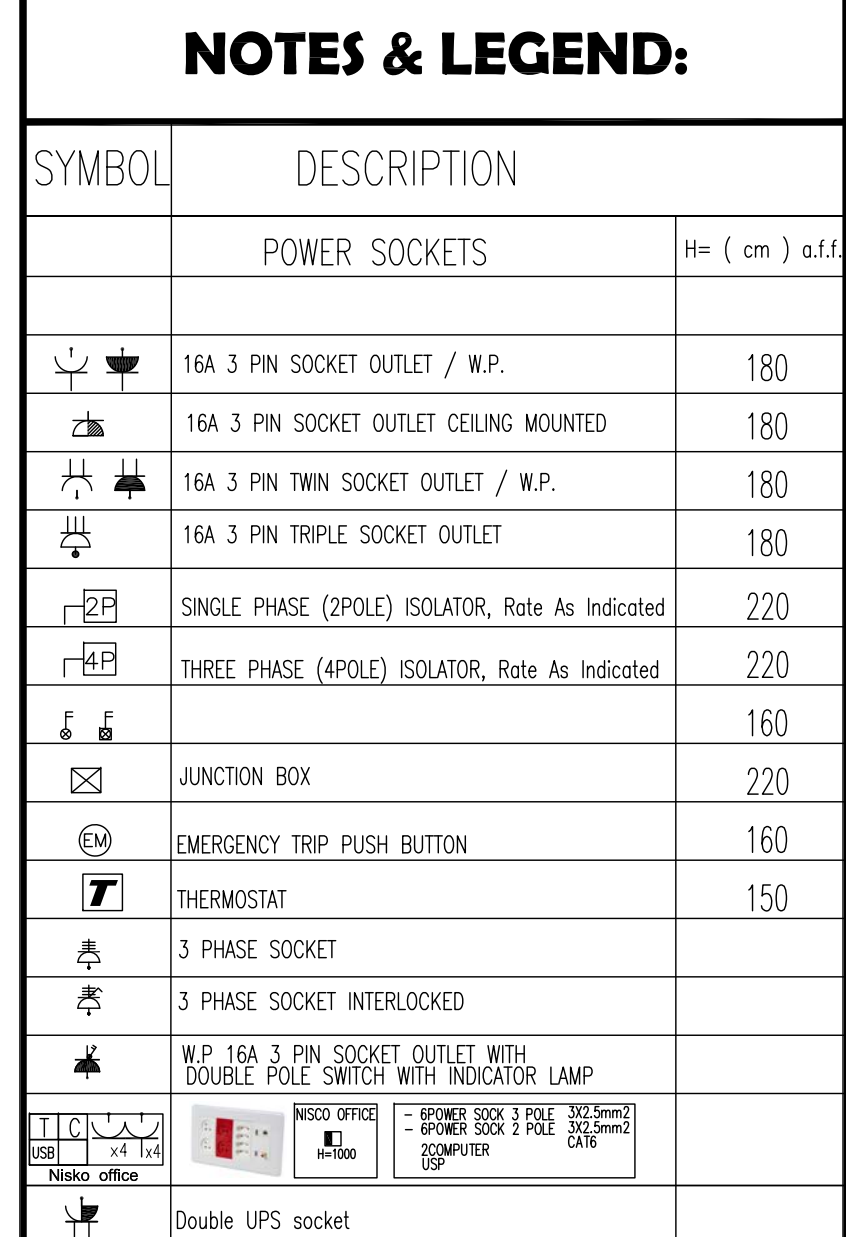
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DATE: July-

5



Phone: (02) 234 3696 | Fax: (02) 234 3719 | Email: info@jw.com.au



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DESIGN WORKS:



ELECTRICAL WORKS:

-Eng. Midhat AlSharif

MECHANICAL WORKS:



SHEET NAME:

Basement Floor
Electromechanical System

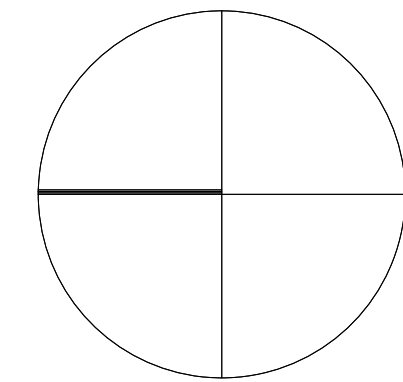
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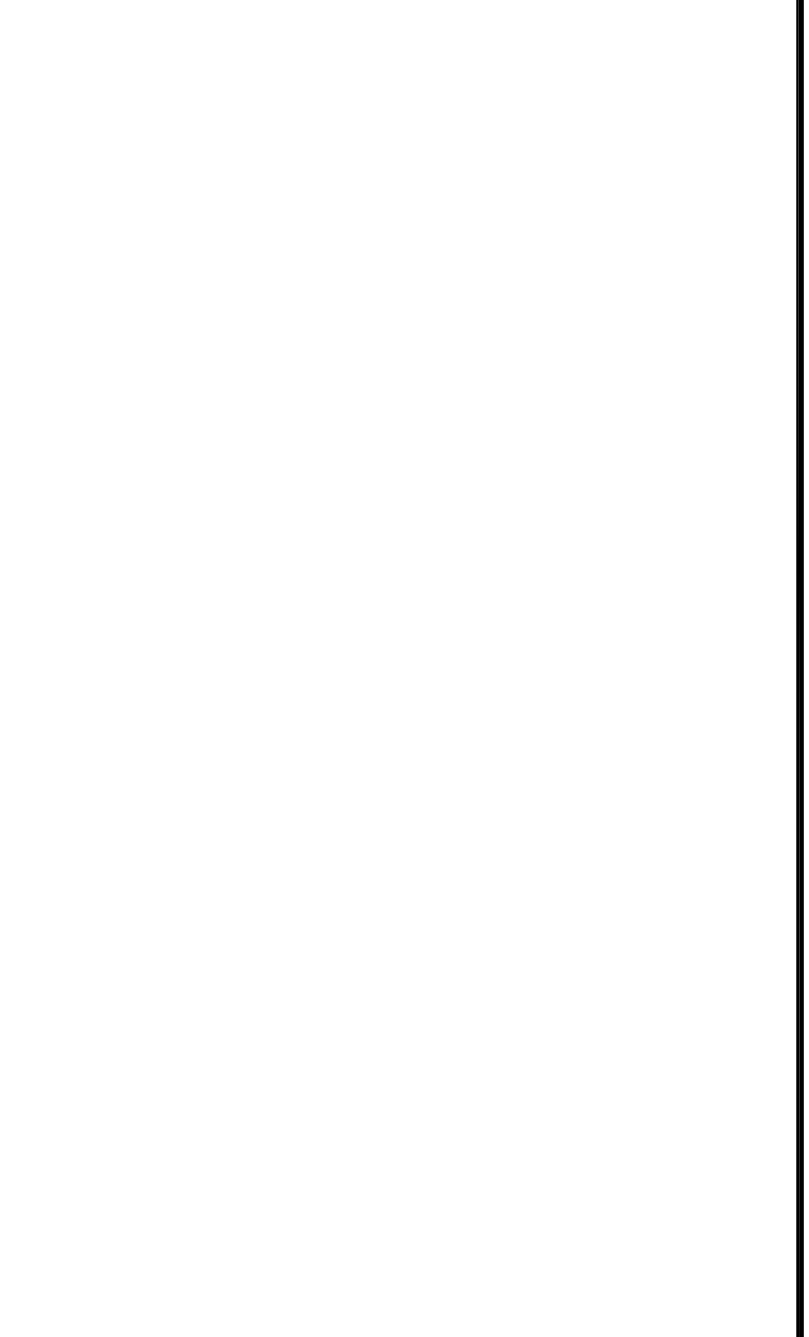
DATE: July-2016

DATE: July-2010





NOTES & LEGEND:	
SYMBOL	DESCRIPTION
	THREE/SINGLE PHASE
	MAIN ELECTRIC BOARD LV SIDE
	METAL ELECTRIC BOARD WITH LOW VOLTAGE SIDE
	DISTRIBUTION BOARD
	GENERATOR
	STEP RELAY
	MOTORIZED AIR CIRCUIT BREAKER WITH TRIP RATING
	CONTACTOR
	INDICATOR LAMPS WITH PUSH BUTTON
	GENERAL MULTIMETER
	AMMETER/VOLTMETER
	TRANSFORMER
	THREE/SINGLE PHASE FUSE
	THREE/SINGLE PHASE EARTH LEAKAGE RELAY
	THREE PHASE KWHM
	SINGLE PHASE KWHM
	4-POLE CHANGE OVER SWITCH MANUAL OR AUTO
	CHECK BOX
	60x60CM ELECTRICAL MANHOLE
	60x60CM TELEPHONE MANHOLE





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Support to Development of Cultural Tourism

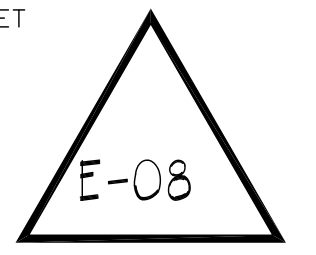
DESIGN WORKS:
 **-Jerusalem Design Center**

ELECTRICAL WORKS:
-Eng .Midhat AlSharif

MECHANICAL WORKS:
 **-Elite Mechanical Consultants**

SHEET NAME:
Ground Floor
MAIN FEEDER LINES

SCALE: 1:100
if plotted on A0

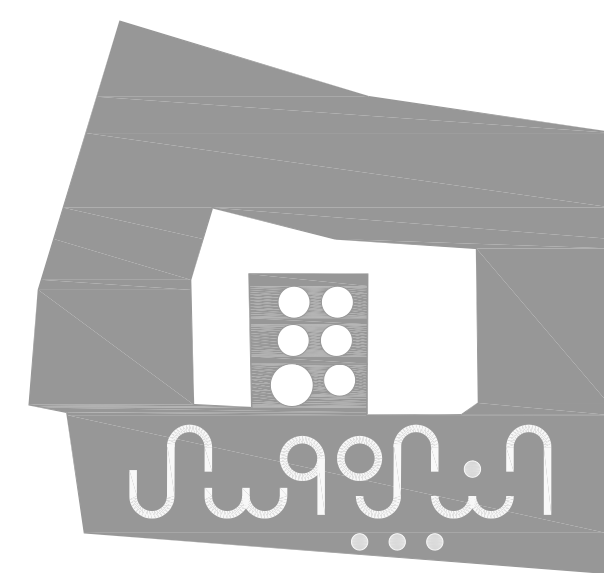
EDITION:
SHEET NO. 

☐ For Review
☐ For Approval
☒ For Tender
☐ For Construction

DATE: July-2016

NOTES & LEGEND:

SYMBOL	DESCRIPTION
LIGHTING FIXTURE & SWITCHES	
	Type 1 Lighting For Loading Rooms
	Type 2 Lighting For Corridor Loading
	Type 3 Lighting For Chandelier Mirab Mosque
	Type 4 Lighting For Chandelier For the Mosque
	Type 5 Lighting For Mirab Mosque
	Type 6 Wall Recessed led for driveway For the Mirab of the Mosque
	Type 7 Wall mounted lighting fixture updown light
	Type 8 Lighting For Storage
	Type 9 Wall Recessed Light 3 Watt LED
	Type 10 Wall Recessed 3 Watt Led
	Type 11 LED type with exit sign and arrows emergency lighting 100
	Type 12 LED FLOOR SPOT 3W IP 65
	Type 13 Lighting For Restaurant
	Type 14 Lighting For Restaurant
	Type 15 Lighting For Restaurant
	Type 16 RW LED, FALSE ceiling recessed lighting fixture
	Type 17 Recessed down light 5W 18V LED with photocell sensor 100
	Type 18 200W T5 Ceiling Mount V.P. Fluorescent
	Type 19 Lighting For Shop
	Type 20 Lighting For Office Up/In
	Type 21 Multi Directional Spot Lighting for Exhibitions
	Type 22 directional spot Lighting
	Type 23 Lighting For Entrance
	Type 24 18 watt LED wall mount appl. (PSS fixture)
	Type 25 Lighting For Butler Wall Warm white LED 15Watt
	Type 26 Lighting For External Gate
	Type 27 Waterproof Led Strip
	Type 28 Switch LED type emergency lighting kit 50 W- EAC/EN 50131
	Type 29 Lighting Pole for Outdoor Area
	Type 30 Short switch for 2 keys
	Type 31 Short switch for 4 keys
	Type 32 Short switch for 8 keys
	Type 33 PUSH BUTTON
	Type 34 SINGLE POLE ONE GANG SWITCH / W.P.
	Type 35 SINGLE POLE TWO GANG SWITCH / W.P.
	Type 36 SINGLE POLE THREE GANG SWITCH / W.P.
	Type 37 TWO WAY SWITCH / W.P.



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Support to Development of Cultural Tourism

DESIGN WORKS:

-Jerusalem Design Center

ELECTRICAL WORKS:

-Eng .Midhat AlSharif

MECHANICAL WORKS:

-Elite Mechanical Consultants

SHEET NAME:

Ground Floor
Lighting System

SCALE:1:100
if plotted on A0

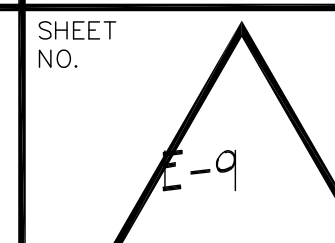
For Review

For Approval

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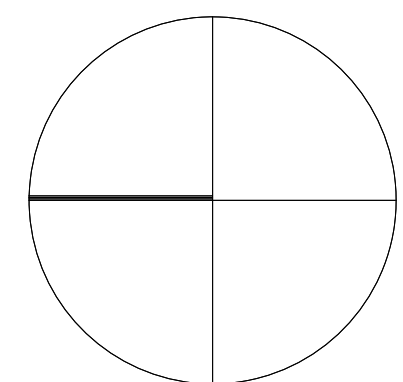
For Construction

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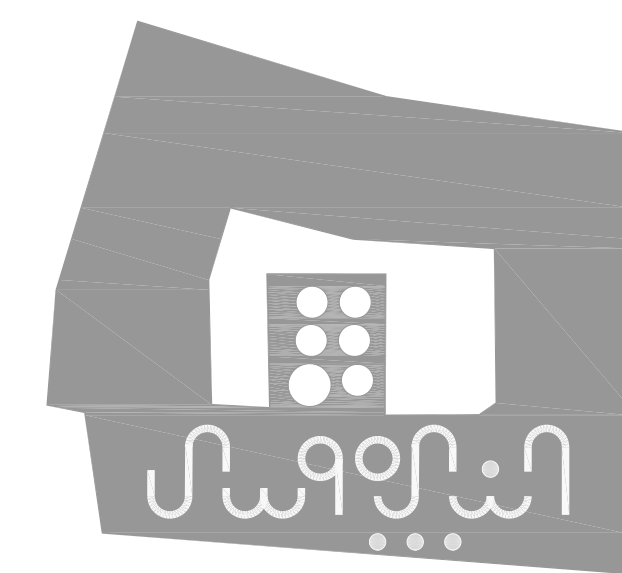
Note : Lighting Fixtures images for lighting concept & indication only

0 2.5 5.0 10



NOTES & LEGEND:

SYMBOL	DESCRIPTION	
POWER SOCKETS		
H= (cm) 0.15		
	16A 3 PIN SOCKET OUTLET / W.P.	180
	16A 3 PIN SOCKET OUTLET CEILING MOUNTED	180
	16A 3 PIN TRIP SOCKET OUTLET / W.P.	180
	16A 3 PIN TRIP SOCKET OUTLET	180
	SINGLE PHASE (2POLE) ISOLATOR, Rate As Indicated	220
	THREE PHASE (4POLE) ISOLATOR, Rate As Indicated	220
	JUNCTION BOX	160
	EMERGENCY TRIP PUSH BUTTON	220
	THERMOSTAT	160
	3 PHASE SOCKET	150
	3 PHASE SOCKET INTERLOCKED	
	W.P. 16A 3 PIN SOCKET OUTLET WITH DOUBLE POLE SWITCH WITH INDICATOR LAMP	
	Double UPS socket	



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DESIGN WORKS:

-Jerusalem Design Center

ELECTRICAL WORKS:

-Eng. Midhat AlSharif

MECHANICAL WORKS:

-Elite Mechanical Consultants

SHEET NAME:

Ground Floor
Power Systems

SCALE: 1:100
if plotted on A0

For Review

For Approval

For Tender

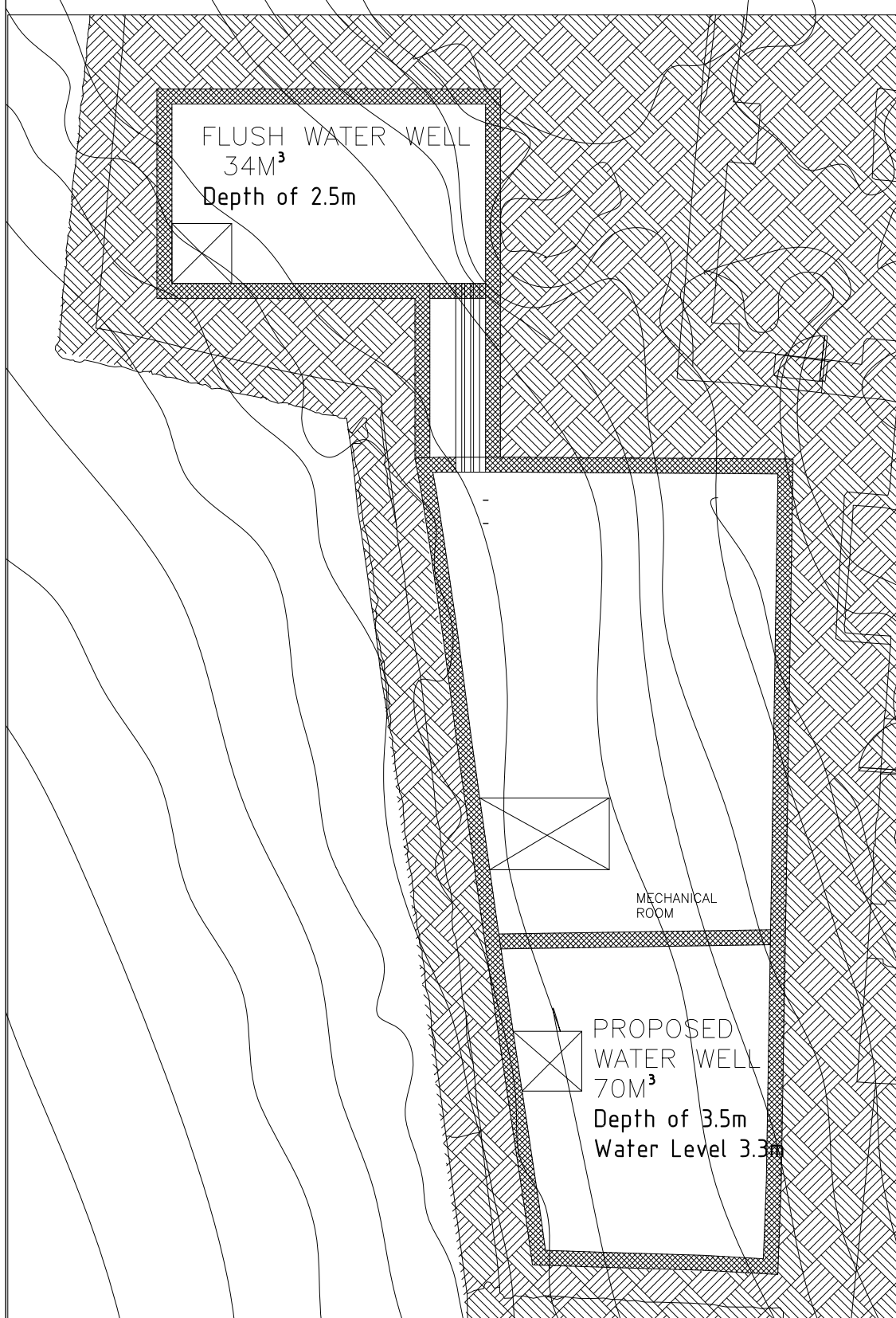
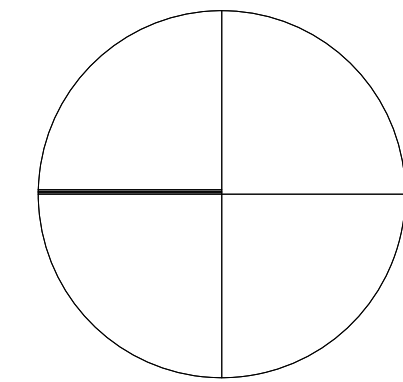
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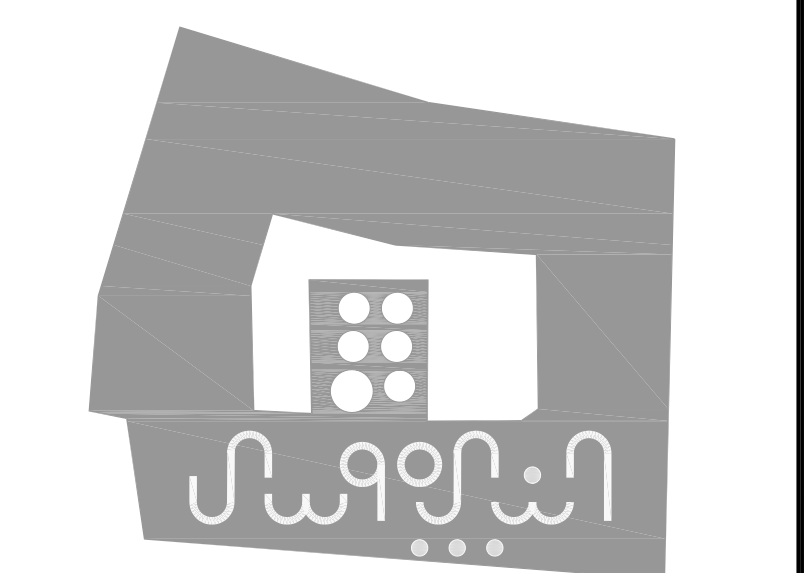
SHEET NO.

E=10

0 2.5 5.0 10



NOTES & LEGEND:	
SYMBOL	DESCRIPTION
	L.V. SOCKETS
	TELEPHONE SOCKET OUTLET
	T.V. SOCKET OUTLET
	DATA SOCKET OUTLET
	LOW VOLTAGE BOX
	COMPUTER PATCH PANEL
	INTERCOM
	Wifi-Point
	Data Cabinet
	40 20 WIRING
	63 40 WIRING
	VISA
	CCTV SYSTEM
	DOME INDOOR COLORED CAMERA
	FIXED OUTDOOR COLORED CAMERA DAY/NIGHT
	SPLIT SCREEN MONITOR
	CCTV CENTRAL MONITOR



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DESIGN WORKS:
 -Jerusalem Design Center

ELECTRICAL WORKS:
-Eng .Midhat AlSharif

MECHANICAL WORKS:
 -Elite Mechanical Consultants

SHEET NAME:
Ground Floor LV Systems

SCALE: 1:100
if plotted on A0

EDITION:

☐ For Review
☐ For Approval
☒ For Tender
☐ For Construction

SHEET NO. **E-11**

DATE: **July-2016**