

Contracting Authority:

 Enabel – Belgian Development Agency

NOTES: –

LEGEND

REVISIONS		
No.	DESCRIPTION	DATE

PROJECT NAME:
**EQA Meeting Room Rehabilitation
 Ramallah, Palestine**

SHEET NAME:
 LIST OF DRAWING

CITY: LOCATION:
 BLOCK: PLOT:



DESIGNED	Abe Sulleman	SCALE	1:100
DRAWN	Electrical Team	DATE	OCT 2023
CHECKED	Abe Sulleman	DRG. No.	E00

LIST OF DRAWING

E00	LIST OF DRAWING
E01	LEGEND
E02	LIGHTING SYSTEM
E03	POWER SYSTEM
E04	AC POWER SYSTEM
E05	SOUND SYSTEM
E06	DATA SYSTEM
E07	DISTRIBUTION BOARDS

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PROJECT NAME:
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SHEET NAME:
LEGEND

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DESIGNED	Abe Sulleman	SCALE	1:100
DRAWN	Electrical Team	DATE	OCT 2023
CHECKED	Abe Sulleman	DRG. No.	E01

SYMBOL	DESCRIPTION
LIGHTING FIXTURE & SWITCHES	
	LIGHT CIRCUIT
	CHANDILAIR
	Ceiling suspended lighting point / Fixture
	2*13W PL IP 65 GLOBE LIGHT (FOR STAIR, BALCONI & BATH)
	WALL MOUNTED 14W T4 W.P. IP65 LIGHTING FIXTURE 3000K
	WALL MOUNTED LIGHTING FIXTURE FOR INTERNAL/EXTERNAL USE
	PENDANT LIGHTING FIXTURE
	WALL MOUNTED 14W T4 W.P. IP65 LIGHTING FIXTURE 3000K
	4X18W CEILING MOUNT PARABOLIC LOUVER LIGHTING FIXTURE
	4x18W IP44
	4x18W SURFACE MOUNT
	24V LAMP
	2X36W CEILING MOUNT W.P. IP65 FLUORESCENT LIGHTING FIXTURE
	BED ROOM WALL MOUNTED LIGHTING FIXTURE
	BATH ROOM WALL MOUNTED LIGHTING FIXTURE W.P. IP65
	WALL RECESSED LIGHTING FIXTURE IP65
	2 SPOT LIGHT
	2*18W LED IP 65 GLOBE LIGHT
	FLOOD LIGHT, IP65
	GROUND PROJECTOR, IP65
	PLANTERS LIGHTING FIXTURE, IP65
	PROPOSED CONNECTION BOX FOR PLANTERS
	BELL POINT
	LED TYPE WITH EXIT SIGN AND ARROWS EMERGENCY LIGHTING FIX.
	EMERGENCY KIT INSIDE LIGHTING FIX. (IH) FOR 9-36W FL. LAMPS
	LIGHT TRACK
	EXTRACT FAN
	UP/DN FIXTURE, IP65
	SINGLE POLE ONE GANG SWITCH / W.P.
	SINGLE POLE TWO GANG SWITCH / W.P.
	SINGLE POLE THREE GANG SWITCH / W.P.
	SINGLE POLE FOUR GANG SWITCH / W.P.
	TWO WAY SWITCH / W.P.
	INTERMEDIATE SWITCH
	PUSH BUTTON
	MOTION SENSOR

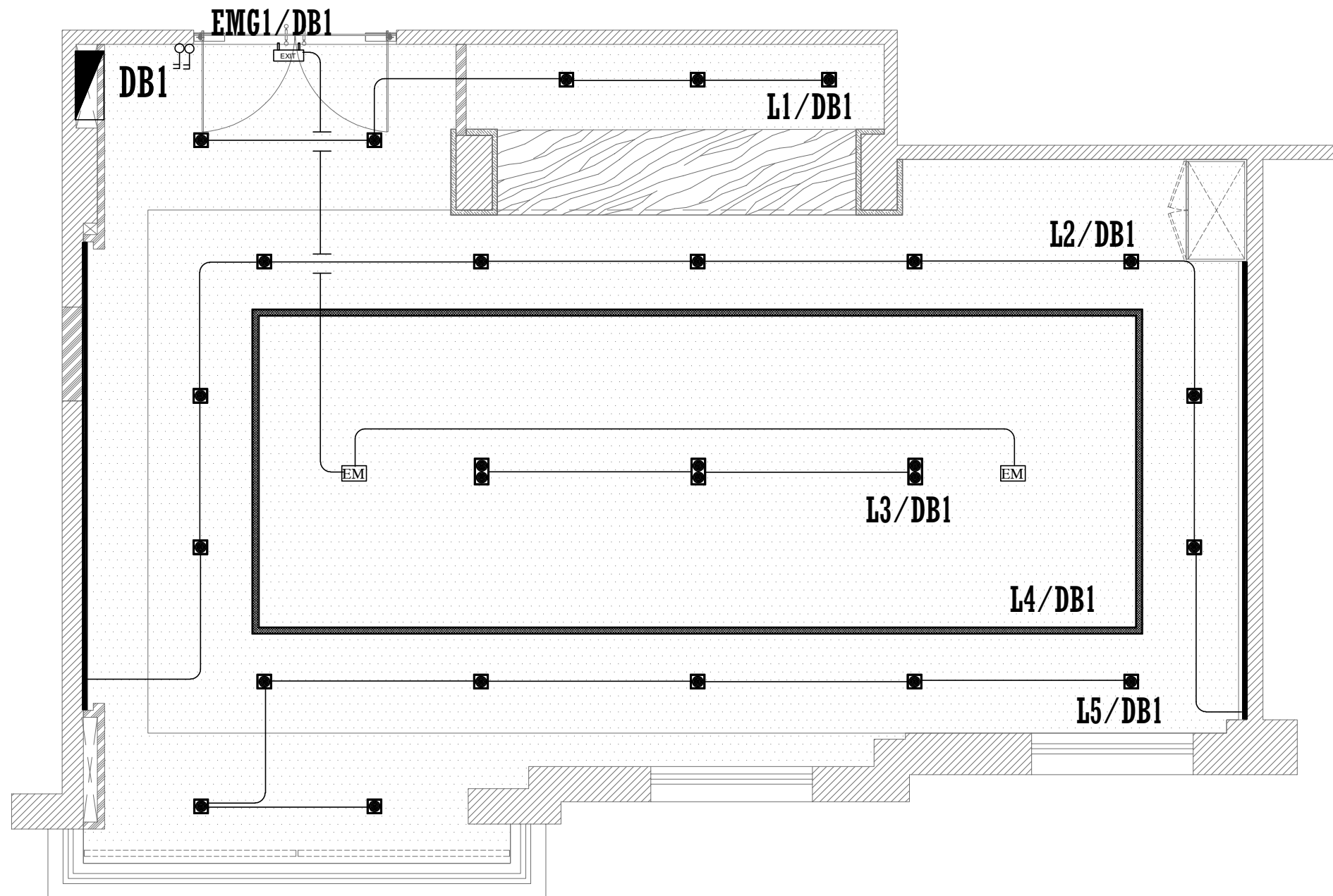
SYMBOL	DESCRIPTION
POWER SOCKETS	
	POWER CIRCUIT
	16A 3 PIN SOCKET OUTLET / W.P.
	16A 3 PIN TWIN SOCKET OUTLET / W.P.
	3 PHASE SOCKET
	3 PHASE SOCKET INTERLOCKED
	SINGLE PHASE (2POLE) ISOLATOR, Rate As Indicated
	THREE PHASE (4POLE) ISOLATOR, Rate As Indicated
	DOUBLE POLE SWITCH WITH INDICATOR LAMP / W.P.
	JUNCTION BOX
	THERMOSTATE
	UP-DOWN SWITCH FOR SHUTTERS
	SHUTTER MOTOR
UPS SYSTEM	
	16A 3 PIN SOCKET OUTLET FOR UPS
	16A 3 PIN TWIN SOCKET OUTLET FOR UPS
	UPS DISTRIBUTION BOARD
	UPS
L.V. SOCKETS	
	TELEPHONE SOCKET OUTLET
	T.V. SOCKET OUTLET
	INTERCOM SPEAKER
	CONNECTION BOX
	DATA SOCKET OUTLET
	LOW VOLTAGE BOX
	COMPUTER PATCH PANEL
CCTV SYSTEM	
	INDOOR CAMERA: CEILING, MURAL
	FIXED INDOOR COLORED CAMERA
	DOME INDOOR COLORED CAMERA
	FIXED OUTDOOR COLORED CAMERA DAY/NIGHT
	SPLIT SCREEN MONITOR
	CCTV CENTRAL MONITOR

SYMBOL	DESCRIPTION
SOUND SYSTEM	
	6WATT RECESSED LOUD SPEAKER
	6WATT SURFACE MOUNTED LOUD SPEAKER
	25W WALL MOUNTED ADJUSTABLE HORN
	END OF THE LINE
	VOLUME CONTROL
	16 BUTTON CALL STATION
	PUBLIC ADDRESS AND VOICE ALARM RACK
FIRE ALARM SYSTEM	
	Automatic GAS Detector with Automatic Valve
	PHOTO SMOKE SENSOR
	HEAT DETECTOR
	GAS DETECTOR
	MANUAL CALL POINT/BREAK GLASS
	INTERNAL SIREN WITH FLASHER
	CONTROL MODULE/MONITR MODULE DUAL MONITR MODULE
	EXTERNAL SIREN WITH FALSHER
	TEL.JACK
	FM-200
	DETECTOR INDICATION LAMP
	PHOELECTRIC SMOKE DET. ABOVE FAULSECEILING
	FIRE ALARM CONTROL PANEL
	REPEATER PANEL WITH CONTROL
INTRUSION SYSTEM	
	DUAL TECH IR/MICROWAVE MOTION DETECTOR
	VIBRATION DETECTOR
	MAGNET DETECTOR
	LEG PANIC BUTTON
	KEYBAD
	BURGLER ALARM CONTROL PANEL
ACCESS CONTROL SYSTEM	
	ACCESS CONTROL JUNCTION BOX
	ACCESS CONTROL PANEL
	CARD READER
	ELECTRICAL LOCK
	MAGNETIC LOCK
	OPEN PUSH BUTTON
	SUPERVISORY MAGNET

SYMBOL	DESCRIPTION
	MAIN ELECTRIC BOARD L.V. SIDE
	METAL ELECTRIC BOARD WITH LOW VOLTAGE SIDE
	DISTRIBUTION BOARD
	GENERATOR
	THREE PHASE KWHM
	SINGLE PHASE KWHM
	4-POLE CHANGE OVER SWITCH MANUAL OR AUTO
	THREE/SIGLE PHASE FUSE
	THREE/SIGLE PHASE EARTH LEACKAGE RELAY
	THREE/SINGLE PHASE MCCB
	THREE/SINGLE PHASE MCB
	MOTORIZED AIR CIRCUIT BREAKER WITH TRIP RATING
	STEP RELAY
	CONTACTOR
	INDICATOR LAMPS WITH PUSH BUTTON
	GENERAL MULTIMETER
	AMETER/VOLTMETR
	TRANSFORMER
	CHECK BOX
	60*60CM ELECTRICAL MANHOLE
	60*60CM TELEPHONE MANHOLE
	40*40cm EARTHING PIT#19mm,1.5m CU ROD

POWER
LIGHT
LV

CONDUITS COLOR



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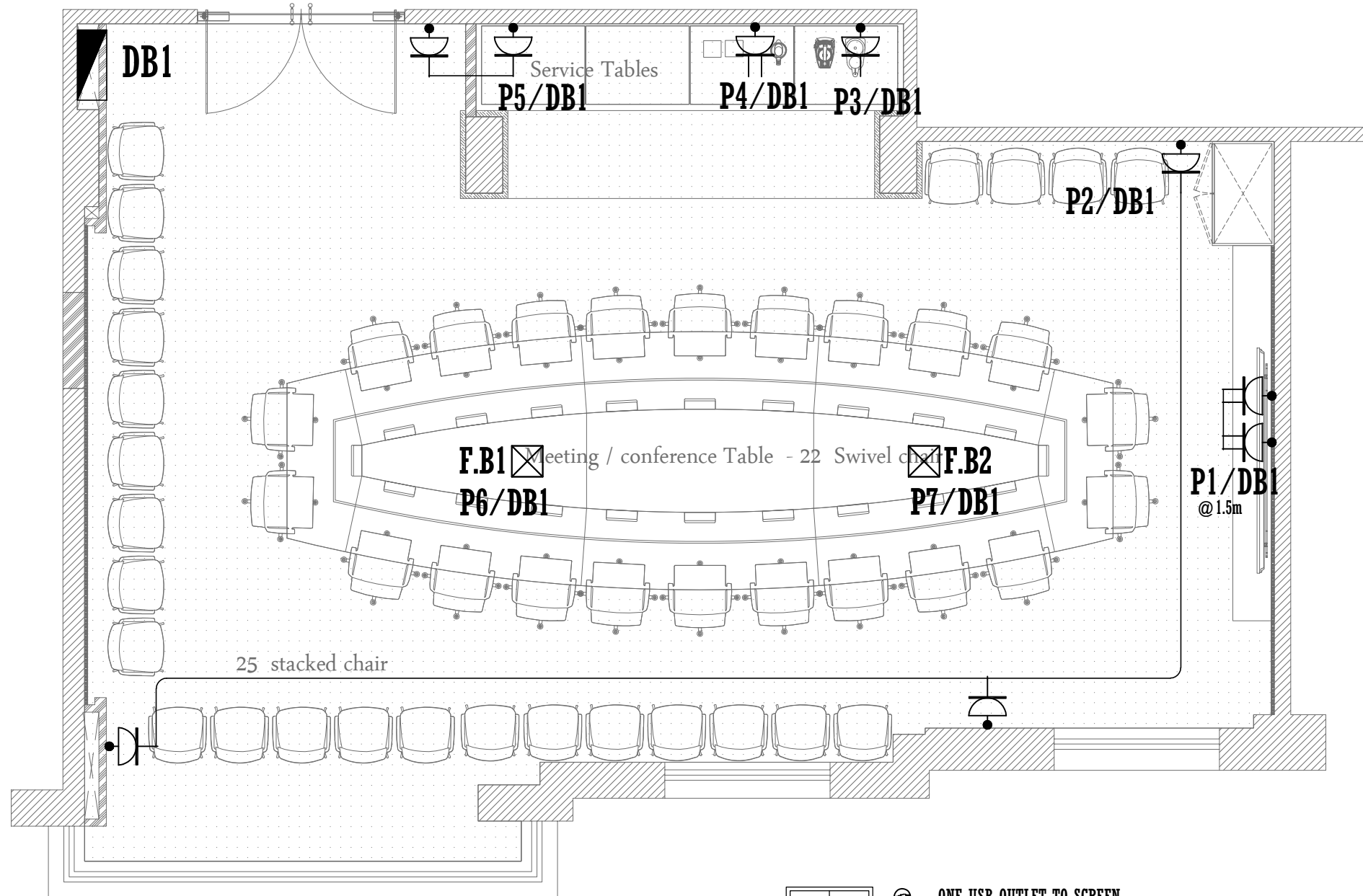
PROJECT NAME:
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 Ramallah, Palestine**

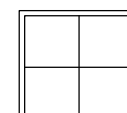


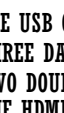
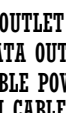
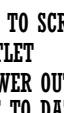
SHEET NAME:
LIGHTING SYSTEM

CITY: LOCATION:
 BLOCK: PLOT:



DESIGNED	Abe Sulleman	SCALE	1:100
DRAWN	Electrical Team	DATE	OCT 2023
CHECKED	Abe Sulleman	DRG. No.	E02



-  ONE USB OUTLET TO SCREEN
-  THREE DATA OUTLET
-  TWO DOUBLE POWER OUTLET
-  ONE HDMI CABLE TO DATA RACK
-  TWO 1.5" CONDUIT TO DATA RACK
-  THREE 1" CONDUIT TO DATA RACK

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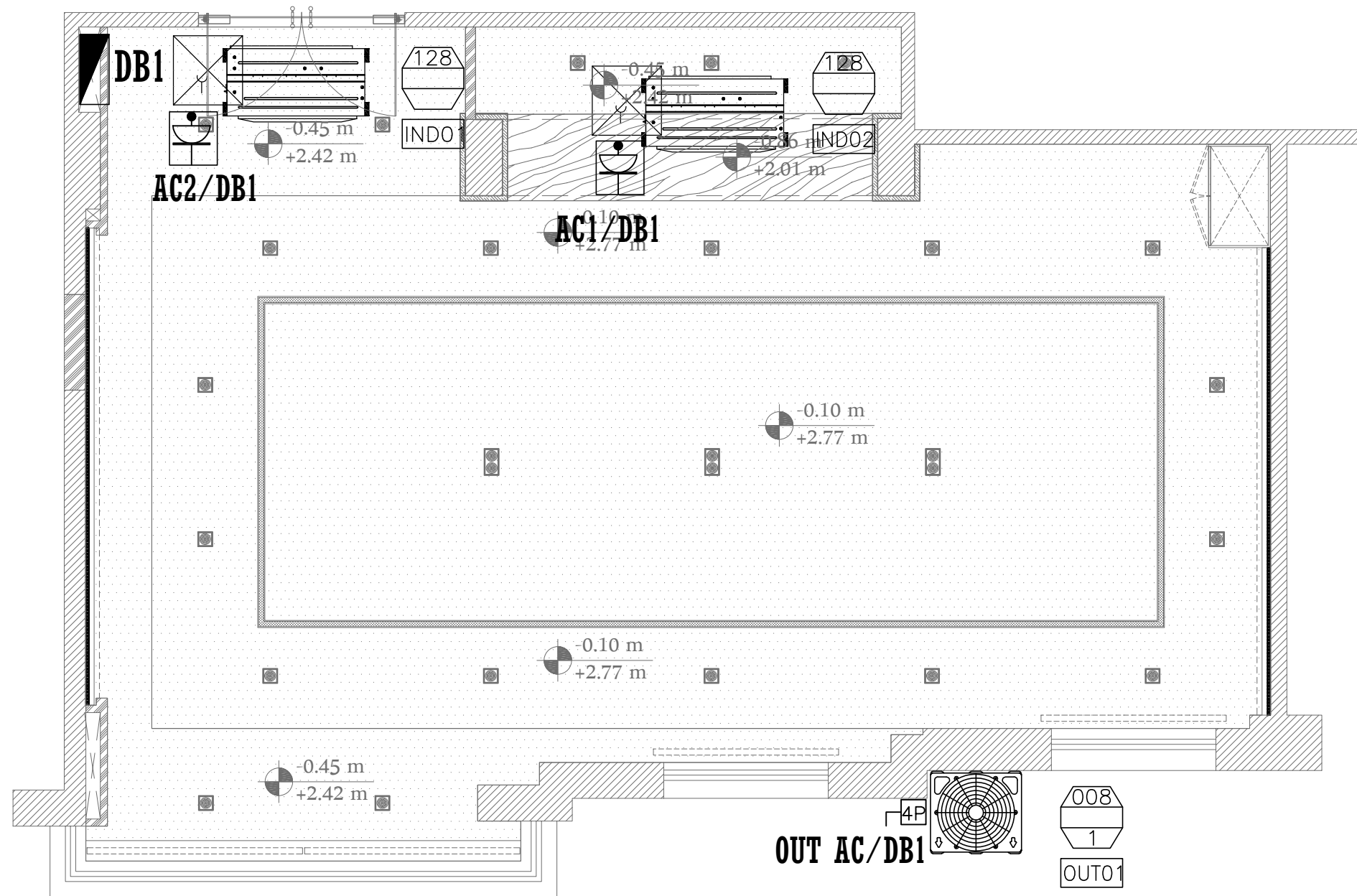
PROJECT NAME:
**EQA Meeting Room Rehabilitation
 Ramallah, Palestine**

SHEET NAME:
POWER SYSTEM

CITY: LOCATION:
 BLOCK: PLOT:

AL DERAWI
 ELECTROMECHANICAL
 CONSULTANT ENGINEERS
 Al-Ramla, Ramallah, Al-Ramla - SUWAI Bldg - 4th Floor
 Jerusalem 060090021, Jorunal 0995 04488

DESIGNED	Abe Sulleman	SCALE	1:100
DRAWN	Electrical Team	DATE	OCT 2023
CHECKED	Abe Sulleman	DRG. No.	E03



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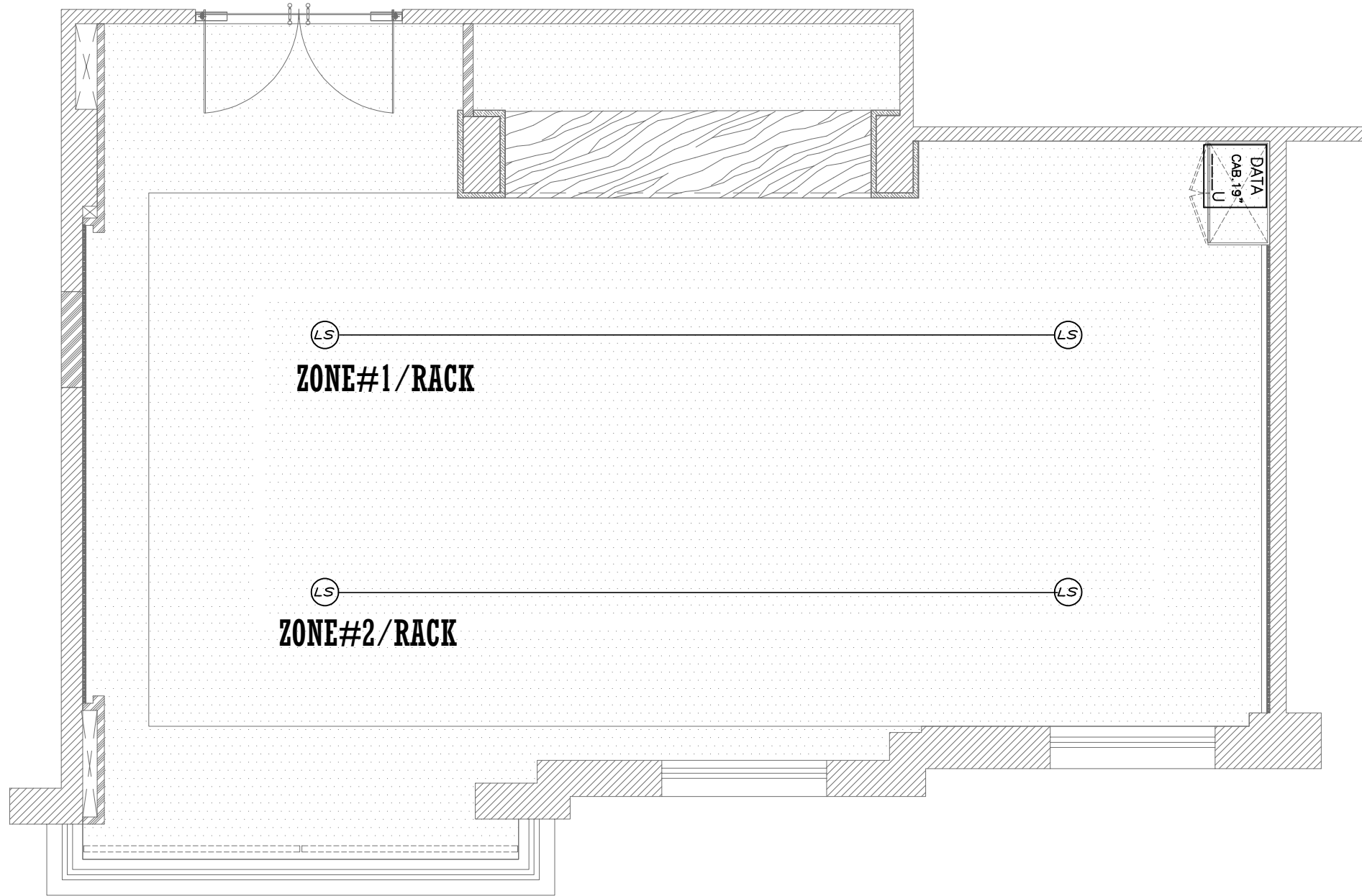
PROJECT NAME:
**EQA Meeting Room Rehabilitation
 Ramallah, Palestine**

SHEET NAME:
AC POWER SYSTEM

CITY: LOCATION:
 BLOCK: PLOT:



DESIGNED	Abe Sulleman	SCALE	1:100
DRAWN	Electrical Team	DATE	OCT 2023
CHECKED	Abe Sulleman	DRG. No.	E04



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LEGEND

REVISIONS		
No.	DESCRIPTION	DATE

PROJECT NAME:
 EQA Meeting Room Rehabilitation
 Ramallah, Palestine

SHEET NAME:
 SOUND SYSTEM

CITY: LOCATION:
BLOCK: PLOT:



DESIGNED	Abe Suleiman	SCALE	1:100
DRAWN	Electrical Team	DATE	OCT 2023
CHECKED	Abe Suleiman	DRG. No.	E05

NOTES: —

LEGEND

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No.	DESCRIPTION	DATE

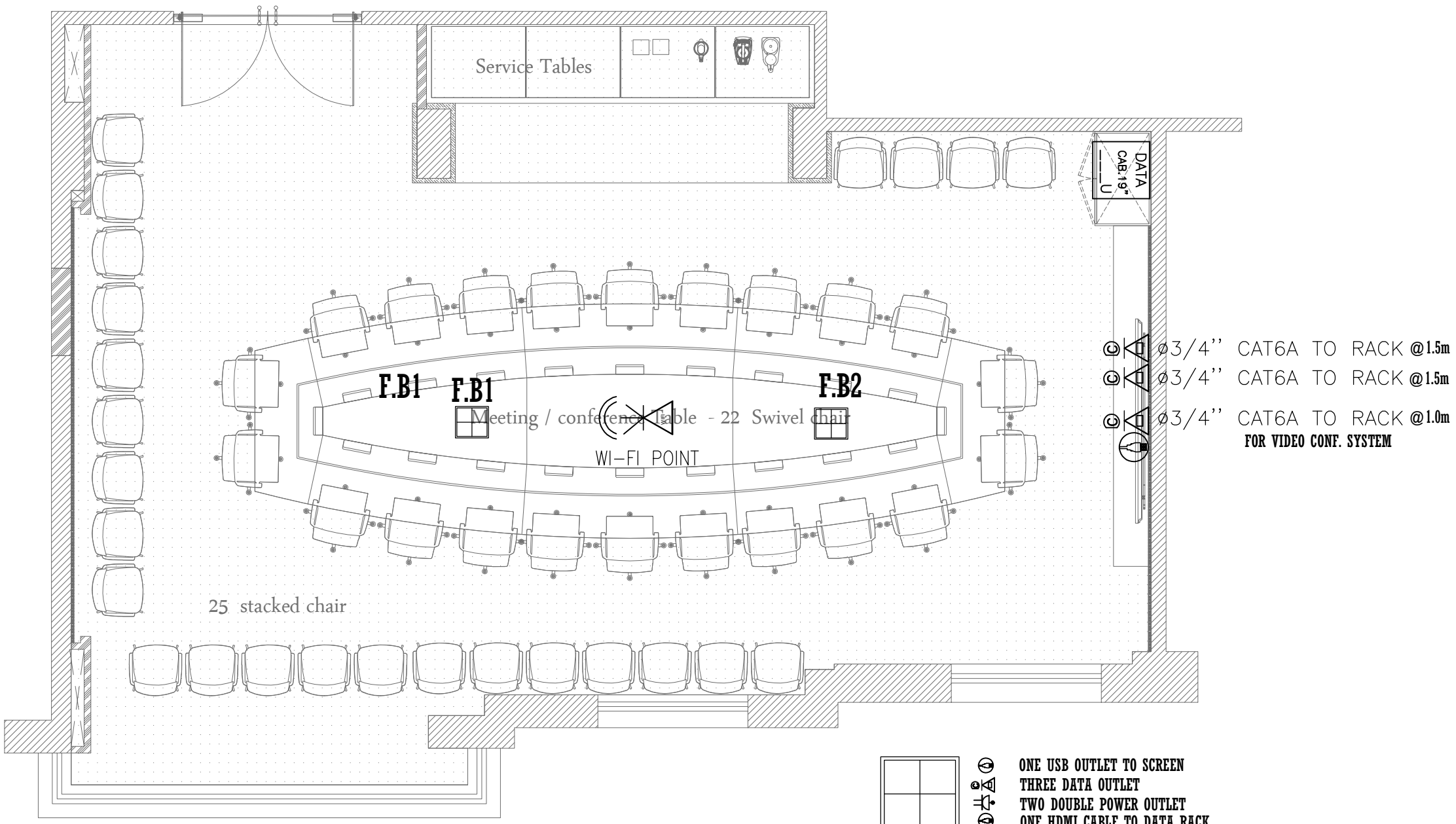
PROJECT NAME:
**EQA Meeting Room Rehabilitation
 Ramallah, Palestine**

SHEET NAME:
DATA SYSTEM

CITY: LOCATION:
 BLOCK: PLOT:



DESIGNED	Abe Sulleman	SCALE	1:100
DRAWN	Electrical Team	DATE	OCT 2023
CHECKED	Abe Sulleman	DRG. No.	E06



- ⊙ ⊗ 3/4" CAT6A TO RACK @1.5m
- ⊙ ⊗ 3/4" CAT6A TO RACK @1.5m
- ⊙ ⊗ 3/4" CAT6A TO RACK @1.0m FOR VIDEO CONF. SYSTEM

- ⊙ ONE USB OUTLET TO SCREEN
- ⊙ ⊗ THREE DATA OUTLET
- ⊙ ⊕ TWO DOUBLE POWER OUTLET
- ⊙ ⊗ ONE HDMI CABLE TO DATA RACK
- ~ TWO 1.5" CONDUIT TO DATA RACK
- ~ THREE 1" CONDUIT TO DATA RACK
- ~ FOUR 3/4" CONDUIT TO DATA RACK

25 stacked chair

Service Tables

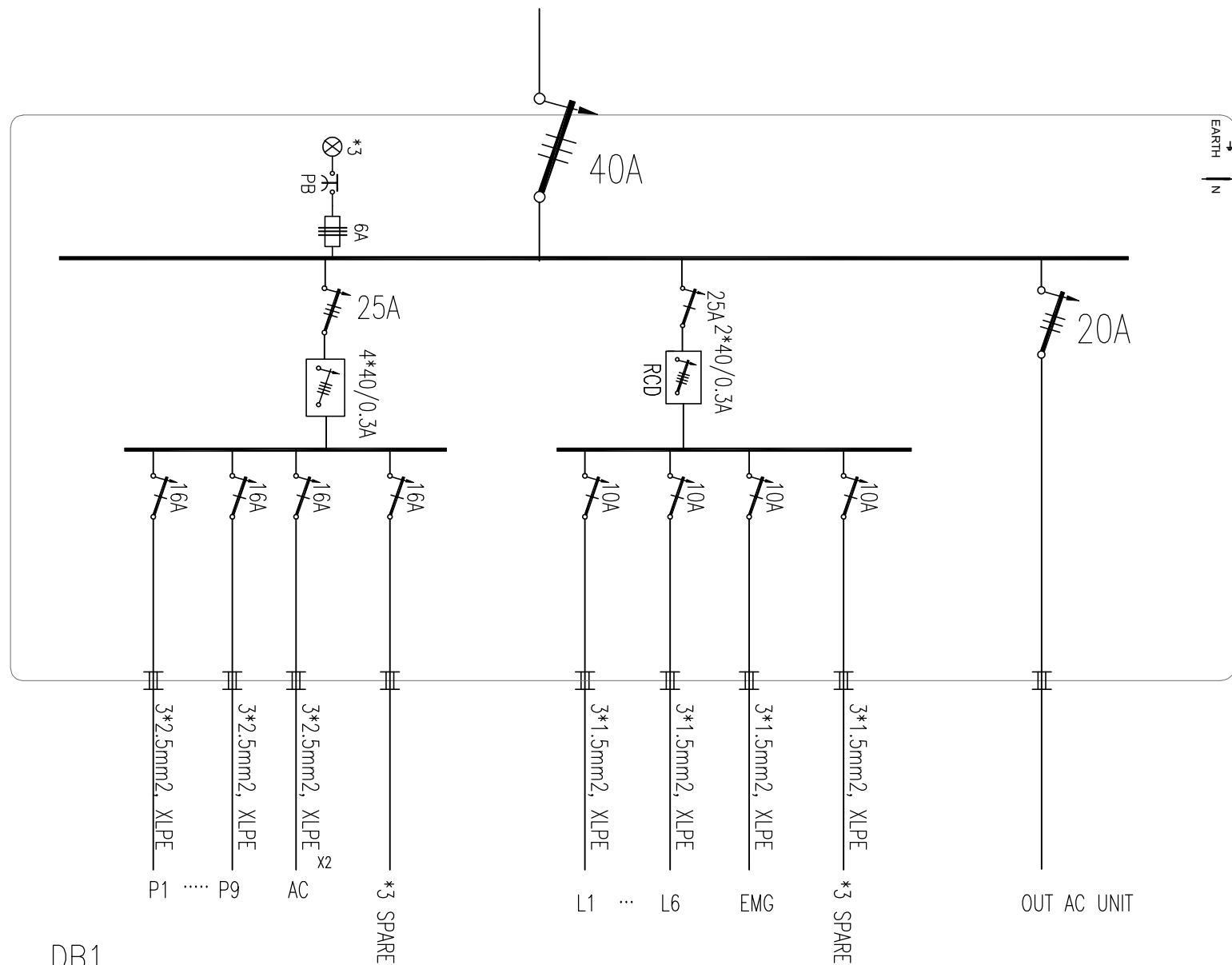
F.B1 F.B1

F.B2

Meeting / conference table - 22 Swivel chair

WI-FI POINT

DATA CAB: 19"



DB1
 WALL MOUNTED FRONT ACCESS
 BUSBAR : 50A,1~, 3 WIRES, 220/380V, 50HZ/ 210KW
 FED FROM : EXISTING DB
 5*10 mm2 XLPE CABLE
 DEGREE OF PROTECTION IP55
 LOCATION: MEETING ROOM

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REVISIONS		
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PROJECT NAME:
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SHEET NAME:
DISTRIBUTION BOARDS

CITY: LOCATION:
 BLOCK: PLOT:



DESIGNED	Abe Sulleman	SCALE	1:100
DRAWN	Electrical Team	DATE	OCT 2023
CHECKED	Abe Sulleman	DRG. No.	E07