

ELECTRICAL DRAWINGS

JUNE 2023



State of Palestine



THE UNITED NATIONS
OFFICE PROJECT SERVICE
(UNOPS)

PROJECT NAME :
Renovating Two Existing Basement
Floors at Two Medical Centers in WB

THE PALESTINE MEDICAL CENTER

General Notes:

ALL DIMENSIONS ARE IN CM. (Unless Otherwise Indicated)
ALL LEVELS ARE IN M.
DIMENSIONS ARE TO BE READ NOT MEASURED.

Legend:



— Floor Level in Plan
— Designed Level

— Floor Level in Sec.
— LevelS in Ele.

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REV	DESCRIPTION	DATE	DWN	CHKD APPD

Designed by :



SIGMA ARABESQUE CONSULTING ENGINEERS
RAMALLAH – PALESTINE

DRAWING TITLE

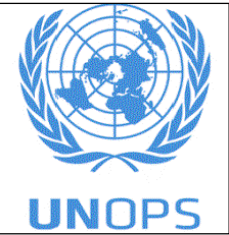
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CHECKED BY:	SIGN.	DIRECTOR of ENG. AFFAIRS:	SIGN.
PRODUCED BY:	TEAM	SIGN.	ISSUE DATE :

DRAWING PHASE	1	Concept	SCALE	SHEET NUMBER
	2	Schematic		
	3	Design Development		
	4	Construction		
	5	Tendering		

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LEGEND

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DRAWING PHASE	1	Concept	SCALE N.T.S	SHEET NUMBER E-02
	2	Schematic		
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	5	Issuing		

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SWITCHES

SYMBOL	DESCRIPTION
	ONE/TWO/THREE GANG SWITCHES
	PUSH BUTTON
	TWO WAY SWITCH
	36/25W EMERGENCY KIT
	EMERGENCY LIGHTING FIXTURE
	EMERGENCY EXIT SIGN
	EMERGENCY EXIT SIGN

POWER SOCKETS

SYMBOL	DESCRIPTION
	16A 3 PIN SOCKET OUTLET
	AS ABOVE BUT CEILING MOUNTED
	16A 3 PIN WATER PROOF SOCKET OUTLET
	16A 3 PIN TWIN SOCKET OUTLET
	16A 3 PIN SOCKET OUTLET(110V)
	SINGLE PHASE (2POLE) ISOLATOR
	THREE PHASE (3POLE) ISOLATOR
	DOUBLE POLE SWITCH WITH INDICATOR LAMP
	AS ABOVE BUT WATER PROOF
	JUNCTION BOX
	10A ONE GANG TWO WAY SWITCH FOR SHUTTERS
	THREE PHASE SOCKET OUTLET,20A,380V
	THERMOSTATE
	CABLE OUTLET
	BOILER-2000W
	EXHAUST FAN (E/F)
	16A 3 PIN SOCKET OUTLET WITH D.P. FOR A/C
	HAND DRYER
	UP-DOWN SWITCH FOR SHUTTERS
	SHUTTER MOTOR

QUEUING SYSTEM

SYMBOL	DESCRIPTION
	QUEUE SYSTEM PANEL
	TICKET DISPENSER
	MAIN DISPLAY SCREEN
	COUNTER DISPLAY SCREEN
	COUNTER PUSH BUTTON

INTERCOM SYSTEM

SYMBOL	DESCRIPTION
	INDOOR INTERCOM UNIT
	OUTDOOR INTERCOM UNIT

CCTV SYSTEM

SYMBOL	DESCRIPTION
	DOME CAMERA
	OUTDOOR DAY/NIGHT WALL MOUNT BRACKET
	DIGITAL VIDEO RECORDER
	SPLIT SCREEN MONITOR
	NETWORK VIDEO RECORD

DESCRIPTION

SYMBOL	DESCRIPTION
	MAIN ELECTRIC BOARD WITH MAIN LOW VOLTAGE SIDE
	METAL ELECTRIC BOARD WITH LOW VOLTAGE SIDE
	DISTRIBUTION BOARD
	GENERATOR
	4-POLE CHANGE OVER SWITCH MANUAL OR AUTO
	MCB THREE PHASE
	KWHM
	THREE/SINGLE PHASE FUSE
	THREE/SINGLE PHASE EARTH LEAKAGE RELAY
	THREE/SINGLE PHASE MCB
	THREE/SINGLE PHASE MCB
	MOTORIZED AIR CIRCUIT BREAKER WITH TRIP RATING
	STEP RELAY
	CONTACTOR
	INDICATOR LAMPS WITH PUSH BUTTON
	GENERAL MULTIMETER
	AMMETER/VOLTMETER
	TRANSFORMER
	CHECK BOX
	60MCOEM ELECTRICAL MANHOLE
	60MCOEM TELEPHONE MANHOLE
	40x40cm EARTHING RT1919mm,1.5m CU ROD

CABLE RACEWAYS

SYMBOL	DESCRIPTION
	GALVANIZED STEEL CABLE TRAY
	GALVANIZED STEEL CABLE LADDER

FOR LIGHTNING PROTECTION

SYMBOL	DESCRIPTION
	SOFT DRAWN BARE COPPER SIZE
	AS SHOWN ON DRAWING
	AIR TERMINAL 500mm LONG x 20mm DIA COPPER ROD
	GROUND TEST PIT

UPS SYSTEM

SYMBOL	DESCRIPTION
	16A 3 PIN SOCKET OUTLET FOR UPS
	16A 3 PIN TWIN SOCKET OUTLET FOR UPS
	UPS DISTRIBUTION BOARD
	UPS

L.V. SOCKETS

SYMBOL	DESCRIPTION
	TELEPHONE SOCKET OUTLET
	T.V. SOCKET OUTLET
	INTERCOM SPEAKER
	CONNECTION BOX
	DATA SOCKET OUTLET
	LOW VOLTAGE BOX
	DATA RACK

SOUND SYSTEM

SYMBOL	DESCRIPTION
	6WATT RECESSED LOUD SPEAKER
	6WATT SURFACE MOUNTED LOUD SPEAKER
	25W WALL MOUNTED ADJUSTABLE HORN
	END OF THE LINE
	MIC
	VOLUME CONTROL
	16 BUTTON CALL STATION
	PUBLIC ADDRESS AND VOICE ALARM RACK

BURGLAR SYSTEM

SYMBOL	DESCRIPTION
	DUAL TECH IR/MICROWAVE MOTION DETECTOR
	DUAL TECH IR/MICROWAVE MOTION DETECTOR 360 DEG.
	VIBRATION DETECTOR
	MAGNET DETECTOR
	EMERGENCY P.B. LED TYPE
	EMERGENCY P.B. BAMEX TYPE
	EMERGENCY FLASHER LAMP
	BURGLAR ALARM KEY PAD
	BURGLAR ALARM INDOOR SIREN
	BURGLAR ALARM OUTDOOR SIREN
	BURGLAR ALARM INDOOR SIREN
	BURGLAR ALARM CONTROL PANEL



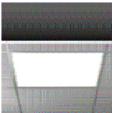











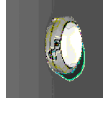



FIRE ALARM SYSTEM

SYMBOL	DESCRIPTION
	PHOTO SMOKE SENSOR
	HEAT DETECTOR
	BREAK GLASS
	INTERNAL SIREN
	CONTROL MODULE
	EXTERNAL SIREN WITH FALSHER
	TEL-JACK
	FM-200
	FIRE ALARM CONTROL PANEL
	REPEATER PANEL WITH CONTROL
	PHOELECTRIC SMOKE DET. ABOVE FALSECEILING
	DETECTOR INDICATION LAMP

ACCESS CONTROL SYSTEM

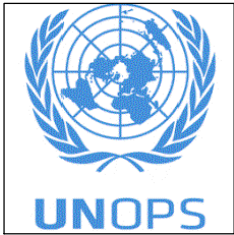
SYMBOL	DESCRIPTION
	ACCESS CONTROL JUNCTION BOX
	ACCESS CONTROL PANEL
	CARD READER
	ELECTRICAL LOCK
	MAGNETIC LOCK
	EMERGENCY EXIT
	DOOR MAGNATIC CONTACT

LIGHTING FIXTURE SCHEDULE

TYPE NO#	FIXTURE TYPE	DESCRIPTION	SIMILAR TO ISOMETRIC VIEW
TYPE A		39W/3600lm 30X120cm recessed mounted LED lighting fixture with aluminium frame, opal PMMA diffuser ,50,000hr(L80\B10) life span , 4000K colour temperature, CRI 90 and 18.2 UGR, IP40,European made.	
TYPE B		34W LED 3700lm RECESSED MODULAR LIGHTING PANEL (L 595mm, W 595mm, H 45mm) WITH POWDER-COATE DIE-CAST ALUMINIUM FRAME , PMMA DIFFUSER 50000hr LIFESPAN L=80 COLOUR TEMP. 4000K, CRI 90 , IP 40,,European made.	
TYPE C		EMERGENCY LIGHTING , 3W LED , AUTOMATIC SELF-TEST , RECESSED CEILING MOUNTED / SURFACE,50000hr LIFESPAN L=80 MOUNED , RATED OPERATING TIME ≈3H , WITH SELF-CONTAINED NIHH BATTERY ,IP40 , L-FACTOR 100%,European made.	
TYPE D		26W LED 3050lm, RECESSED DOWN LIGHT WITH PLASTIC RING & COVER COLOUR TEMP. 4000K,50000hr LIFESPAN L=80 CRI 90 , IP 44,European made.	
TYPE E		18W LED 3050lm, RECESSED DOWN LIGHT WITH PLASTIC RING & COVER COLOUR TEMP. 4000K, 50000hr LIFESPAN L=80 CRI 90 , IP 54,,European made.	
TYPE F		2.2W SURFACE/WALL/SURFACE RECESSED MOUNTED 3 hr DURATION TIME , LED EXIT LUMINAIRE WITH ALUMINIUM EXTRUSION HOUSING , NICD BATTERY, UNIVERSAL MOUNTED KIT FOR CEILING AND WALL MOUNTED, 3 PICTOGRAM LEGEND FOILS AND 1 WHITE FOILE CRI 80, 24 m VIEWING DISTANCE , HP 20,European made.	
TYPE G		20W LED 1650lm, SURFACE MOUNTED DOWN LIGHT WITH PLASTIC RING & COVER COLOUR TEMP. 4000K, 50000hr LIFESPAN L=80 CRI 90 , IP 44,European made.	
TYPE H		19W LED 1900lm,750mm LENGTH , SURFACE MOUNTED LIGHTING FIXTURE WITH POLYCARBONITE BODY POLYCARBONITE DIFFUSER , 50000hr LIFESPAN L 80 ,COLOUR TEMP. 4000K, CRI 90 , IP66,European made.	
TYPE I		7W LED UP/DOWN WALL MOUNTED LIGHTING FIXTURE , COLOUR TEMP. 4000K , WITH DIE-CAST ALUMINIUM BODY , LIGHT EMISSION CLEAR GLASS , STAINLESS STEEL SCEWS, LED WITH AN INTEGRATED OPERATING UNIT , IK 06, IP 65,European made.	
TYPE K		2X50W Led light T8 with diffuser surface mounted,120Cm,European made.	



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RAMALLAH – PALESTINE

DRAWING TITLE

LIGHT SCHEDUEL

DESIGN TEAM

DESIGNED BY:	SIGN.	PROJECT MANAGER:	SIGN.
CHECKED BY:	SIGN.	DIRECTOR of ENG. AFFAIRS:	SIGN.
PRODUCED BY:	TEAM	SIGN.	ISSUE DATE :

DRAWING PHASE

1	Concept	SCALE N.T.S	SHEET NUMBER E-03
2	Schematic		
3	Design Development		
4	Construction		
5	Tendering		

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GENERAL NOTES

1.

ALL ELECTRICAL WORKS HERE INCLUDED SHALL BE EXECUTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL LAWS AND REGULATIONS, WITH THE VALID NORMS & STANDARDS AND WITH THE REQUIREMENTS OF THE POWER COMPANY.
2.

ALL WIRES AND CABLES SHALL BE INSULATED FOR 600V /1000V.
3.

ALL FEEDER CABLES, UNLESS NOT SPECIFIED, SHALL BE PVC 85°C INSULATED AND DESIGNED FOR 50°C AMBIENT TEMPERATURE.
4.

THE NUMBERS OF CONDUCTORS, FOR LIGHTING AND POWER, INSIDE CONDUIT, UNLESS NOT INDICATED, SHALL BE 3 NUMBERS; 1 LINE, 1 NEUTRAL AND 1 EARTH. REFER TO PANEL DETAILS FOR THE SIZES OF CONDUCTORS.
5.

FOR SURFACE INSTALLATIONS, ALL WIRES AND CABLES, UNLESS NOT INDICATED, SHALL BE DRAWN INSIDE ELECTRICAL METALLIC TUBING(EMT) OR GALVANIZED STEEL CONDUIT OR EQUAL.
6.

CONDUCTORS LAID INSIDE CABLE TRAY SHALL BE MULTI CORE CABLE PVC INSULATED, UNLESS NOT SPECIFIED.
7.

FOR UNDERGROUND INSTALLATIONS INSIDE THE BUILDING, UNLESS NOT SPECIFIED, SHALL BE DRAWN INSIDE RIGID PVC PIPE OR EQUAL. THE MINIMUM PIPE DIAMETER SHALL BE 19mmØ NOMINAL. INSTALLATION INSIDE FALSE CEILING, UNLESS NOT INDICATED, ALL WIRES AND CABLES SHALL BE DRAWN INSIDE ELECTRICAL METALLIC TUBING (EMT) OR EQUAL.
8.

CABLE TRAYS AND SURFACE MOUNTED CONDUITS SHALL BE INSTALLED PERPENDICULAR AND HORIZONTAL TO THE BUILDING WALLS AND CEILING. CABLE SHALL BE HOT DIP GALVANIZED AND SHALL BE PROVIDED WITH PROPER FITTINGS AND ACCESSORIES SUCH AS BENDS, ELBOWS, JOINTS, HANGERS AND ETC. AND THEY SHALL BE ALL HOT DIP GALVANIZED AND FACTORY MADE.
9.

ALL MATERIALS TO BE USED SHALL BE NEW AND APPROVED FOR THE LOCATION AND PURPOSE INTENDED.
10.

ALL FLUORESCENT FIXTURES SHALL BE PROVIDED WITH HIGH POWER FACTOR BALLAST.
11.

ALL EQUIPMENT AND NON-CURRENT CARRYING METAL PARTS SHALL BE PROPERLY EARTHED. FOR THE RESISTANCE TO EARTH OF THE SYSTEM SHALL NOT BE MORE THAN 3 OHMS.
12.

DIRECT LAYING OF CABLES UNDERGROUND SHALL BE ONLY APPLICABLE IF THEY ARE RUN OUTSIDE THE BUILDING OR NOT CROSSING THE ROAD. ALL CABLES LAID DIRECT UNDERGROUND SHALL BE ARMoured OR EQUAL EVEN NOT MENTIONED ELSEWHERE ON THE DRAWINGS. PHYSICAL PROTECTION OF LAID UNDERGROUND CABLES SHALL BE AS SHOWN ON PLAN OR IN ACCORDANCE WITH THE SCECO STANDARDS. PIPE SLEEVES SHALL BE PROVIDED FOR INCOMING CABLES INTO THE BUILDING.
13.

ALL FEEDERS AND CABLES SHALL BE PROTECTED IF THEY ARE EXPOSED TO PHYSICAL DAMAGE.

MOUNTING HEIGHT SCHEDULE:

UNLESS OTHERWISE SPECIFIED, ACCESSORIES SHALL BE MOUNTED AT THE FOLLOWING HEIGHTS ABOVE FLOOR FINISH TO CENTER OF DEVICE:

- 1- LIGHTING SWITCHES = 1350 MM
- 2- WALL MOUNTED LUMINARIES = 1950 MM
- 3- SOCKET OUTLETS = 600 MM
- 4- SOCKET OUTLETS (ABOVE WORKTOPS) = 1100 MM
- 5- TELEPHONE OUTLETS = 600 MM
- TELEPHONE OUTLETS00(ABOVE WORKPLAN) = 1100 MM
- 6- CENTER LINE OF VIDEO MONITOR = 1500 MM (INDOOR UNIT)
- 7- TV OUTLETS = 600 MM
- 8- TV SPLITTER = 1950 MM
- 9- TV TAPOFF = 1950 MM
- 10- FIRE ALARM BELLS = 2300 MM
- 11- FIRE ALARM PANELS, PANEL BOARDS, = 1800 MM DISCONNECT SWITCHES, TELEPHONE TERMINAL CABINETS
- 12- FIRE ALARM MANUAL STATIONS = 1350 MM
- 13- DATA OUTLET = 600 MM

MAXIMUM NUMBER OF WIRE IN CONDUIT.

MINIMUM CONDUIT SIZE	mm	19	25	32	40	50	63
	inch	3/4	1	1,1/4	1,1/2	2	2,1/2
WIRE SIZE mm2	MAXIMUM NUMBER OF WIRE						
2.5		7	12	20	—	—	—
4		5	7	15	—	—	—
6		4	7	13	—	—	—
10		3	4	7	10	—	—
16		—	3	4	7	10	—
25		—	—	3	4	7	10
35		—	—	3	3	6	9
50		—	—	—	2	4	6

GENERAL NOTES FOR EARTHING

- 1- EARTH RESISTANCE SHALL BE LESS THAN 1 OHMS.
- 2- EARTH RODS SHALL BE OF COPPER COATED STEEL.
- 3- EARTH RODS SHALL BE SOLIDLY CONNECTED TO EARTH BUSBAR AT MOB BY 25 mm2 UNINSULATED COPPER WIRE.
- 4-BUILDING FOUNDATION EARTHING SHALL BE CONNECTED SOLIDLY AND DIRECTLY TO EARTHING BUSBAR IN MOB.
- 5-LOOP OF STRANDED 25 mm2 COPPER WIRE, SHALL CONNECT ALL EARTH RODS TOGETHER.
- 6-QUANTITY OF EARTH RODS TO ACHIEVE THE EARTH RESISTANCE REQUESTED.
- 7-EARTH MEASURING SHALL BE CARRIED ON AFTER BACKFILLING
- 8-ALL CONNECTION CLAMPS & ACCESSORIES SHALL BE COPPER.
- 9- EARTH CONDUCTOR ARE YELLOW/GREEN.
- 10- EARTH ROD HEAD CONNECTION POINT TO BE TENNED.



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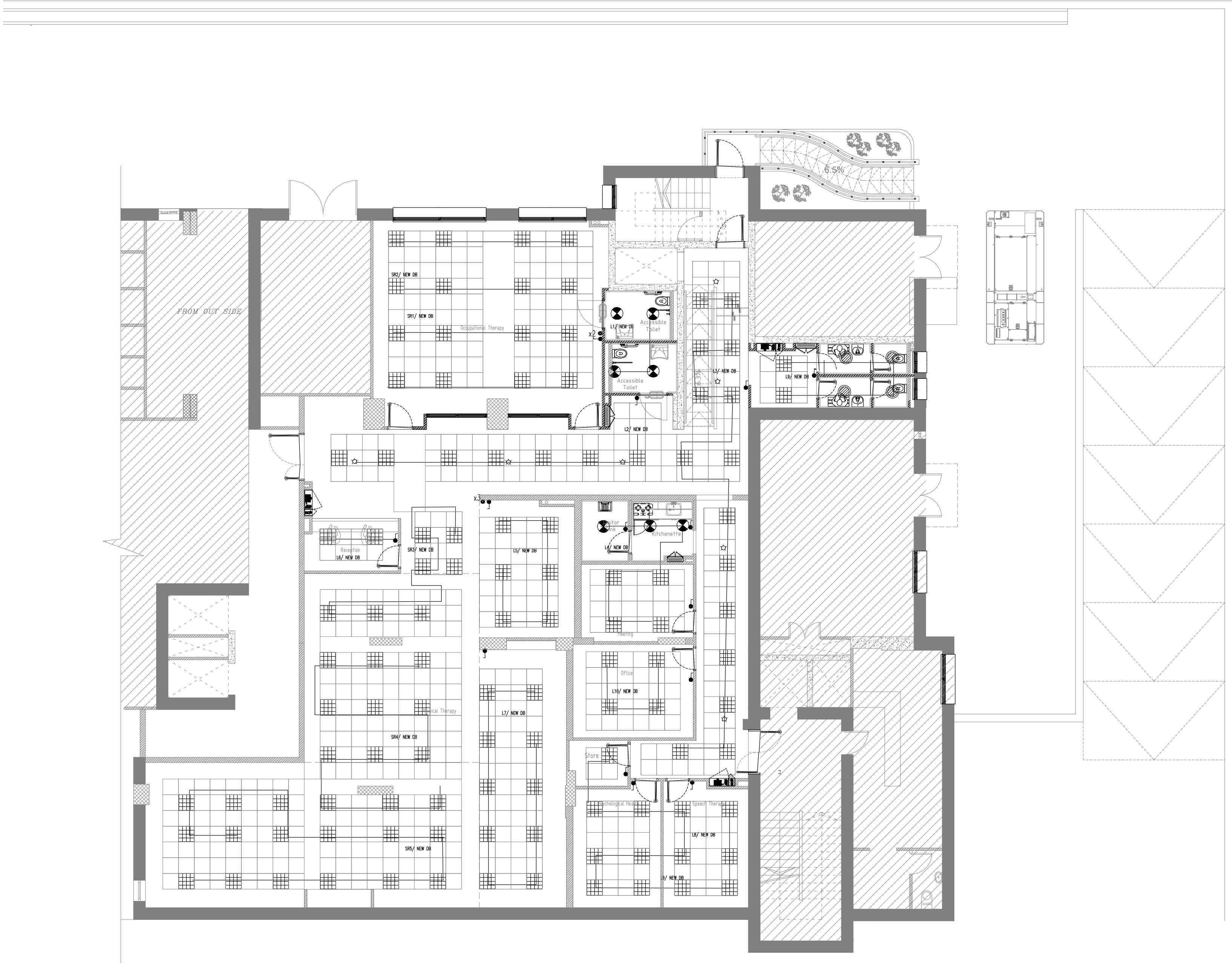
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DRAWING PHASE	1	Concept	SCALE N.T.S	SHEET NUMBER E-04
	2	Schematic		
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BASEMENT FLOOR PLAN
LIGHTING SYSTEM

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DRAWING PHASE	1 Concept 2 Schematic 3 Design Development 4 Construction 5 Tendering	SCALE 1:100	SHEET NUMBER E-05
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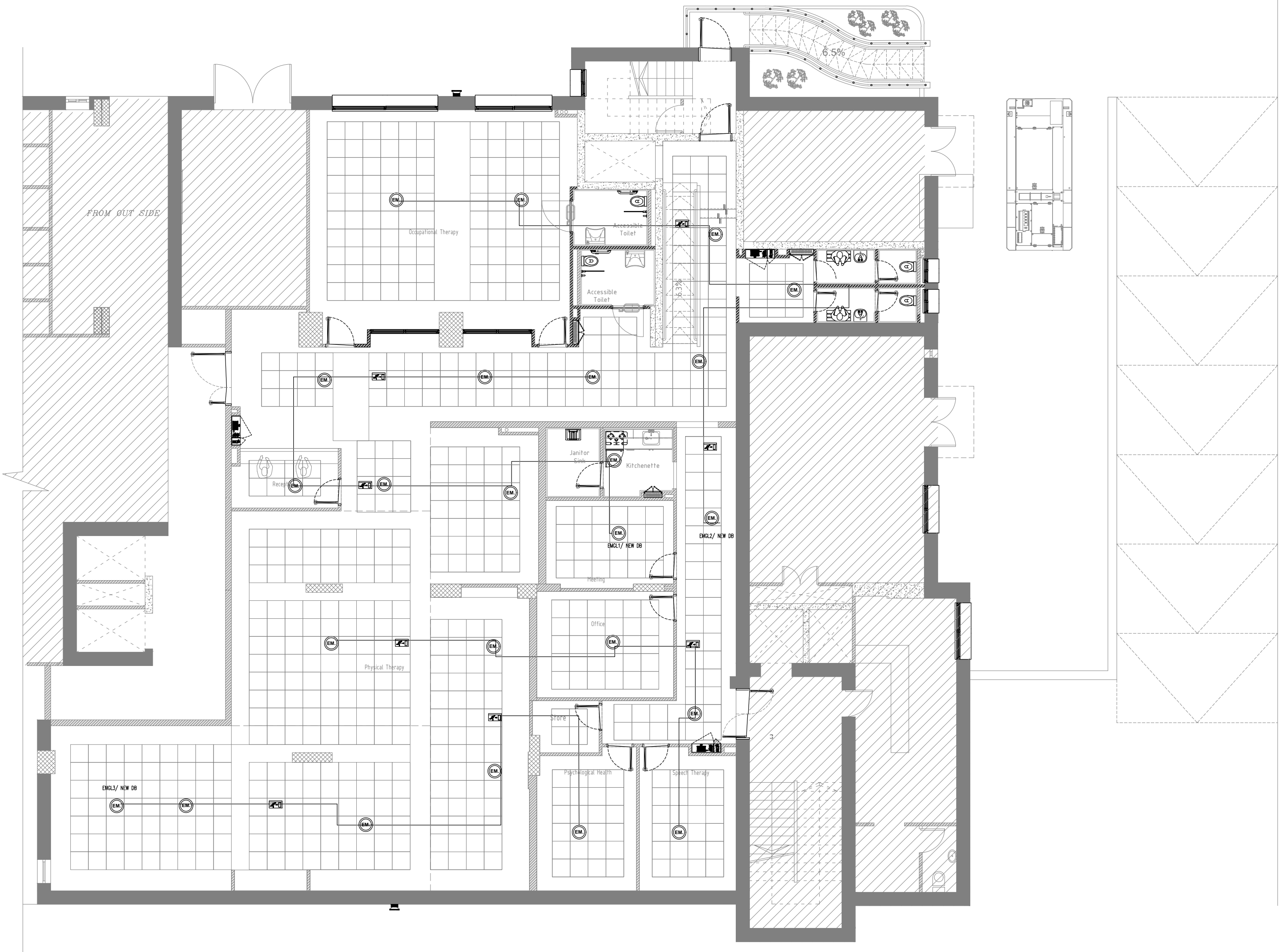
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BASEMENT FLOOR PLAN
FIRE ALARM SYSTEM

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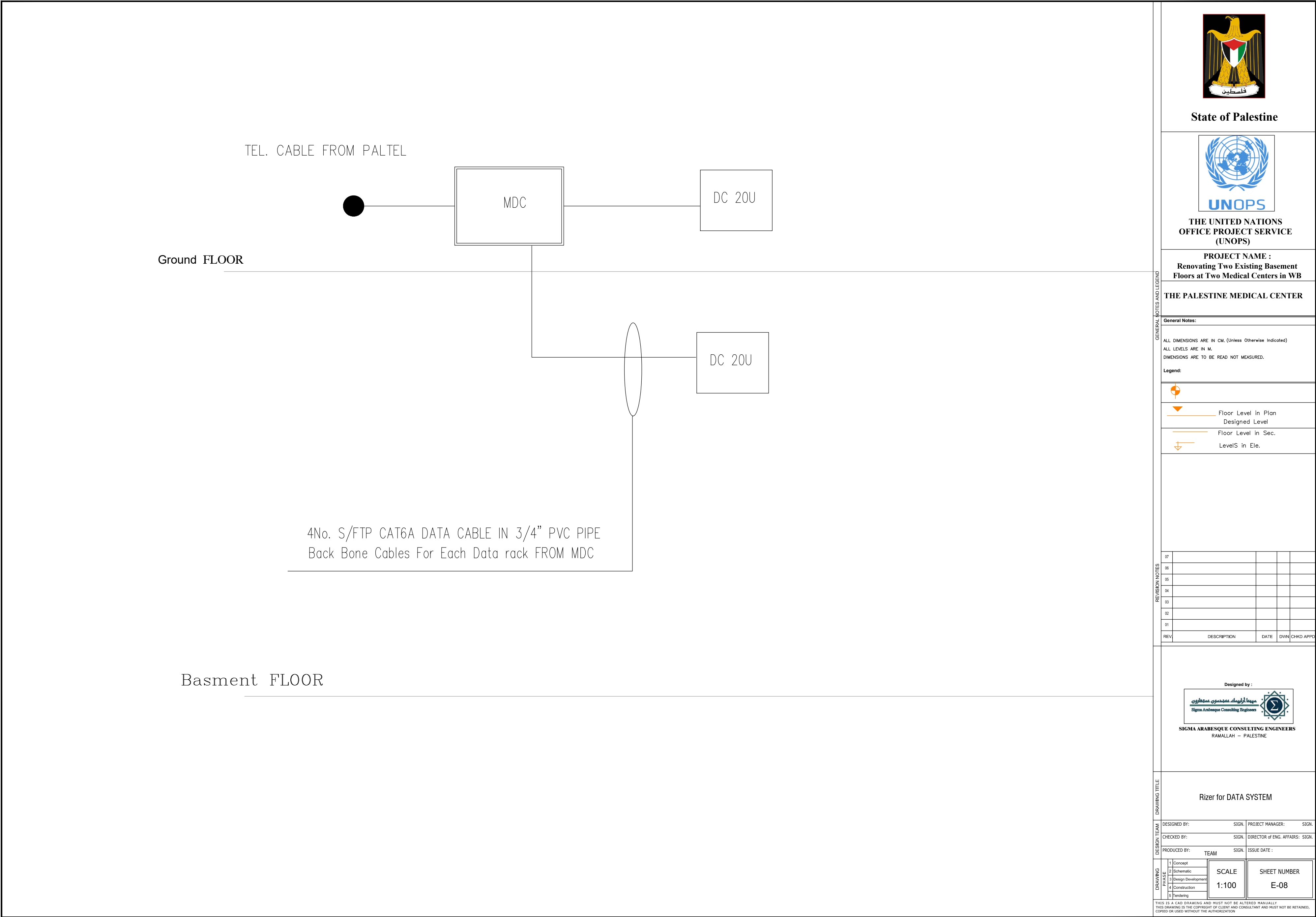
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BASEMENT FLOOR PLAN
EMRR. & light SYSTEM

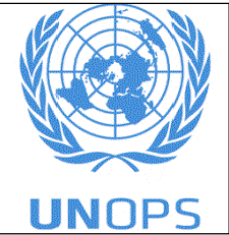
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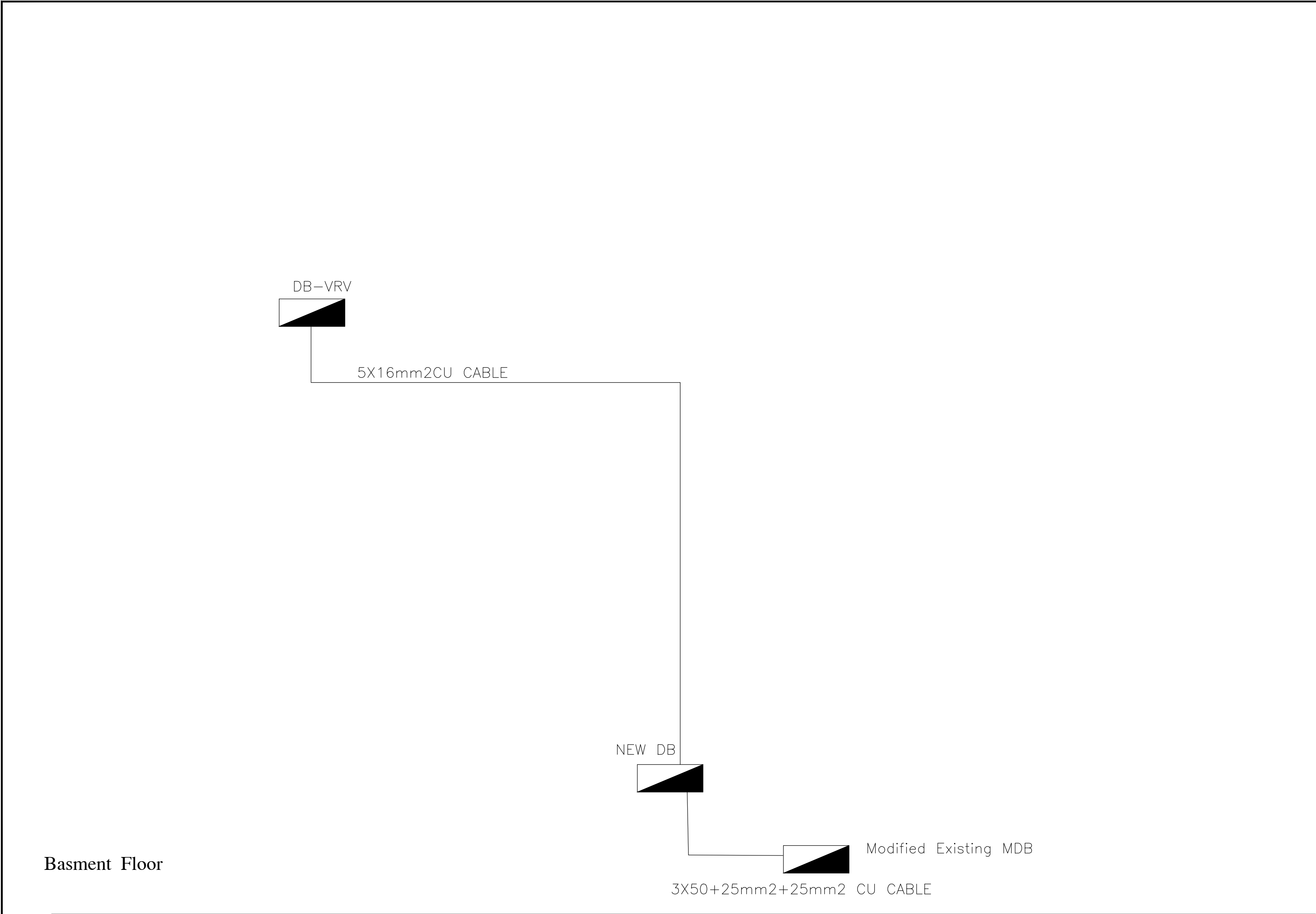
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Rizer for DATA SYSTEM

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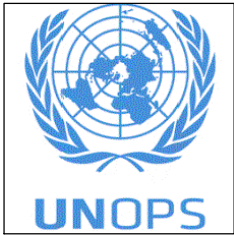
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Basment Floor



State of Palestine



THE UNITED NATIONS
OFFICE PROJECT SERVICE
(UNOPS)

PROJECT NAME :
Renovating Two Existing Basement
Floors at Two Medical Centers in WB

THE PALESTINE MEDICAL CENTER

General Notes:

ALL DIMENSIONS ARE IN CM. (Unless Otherwise Indicated)
ALL LEVELS ARE IN M.
DIMENSIONS ARE TO BE READ NOT MEASURED.

Legend:



Floor Level in Plan
Designed Level

Floor Level in Sec.

LevelS in Ele.

07				
06				
05				
04				
03				
02				
01				
REV	DESCRIPTION	DATE	DWN	CHKD APPD

Designed by :



SIGMA ARABESQUE CONSULTING ENGINEERS
RAMALLAH – PALESTINE

Rizer for power SYSTEM

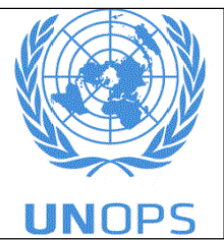
DESIGNED BY:	SIGN.	PROJECT MANAGER:	SIGN.
CHECKED BY:	SIGN.	DIRECTOR of ENG. AFFAIRS:	SIGN.
PRODUCED BY:	TEAM	SIGN.	ISSUE DATE :

DRAWING PHASE	1	Concept	SCALE 1:100	SHEET NUMBER E-09
	2	Schematic		
	3	Design Development		
	4	Construction		
	5	Tendering		

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Legend:



Floor Level in Plan
Designed Level

Floor Level in Sec.

LevelS in Ele.

REVISION NOTES

REV	DESCRIPTION	DATE	DWN	CHKD	APPD
07					
06					
05					
04					
03					
02					
01					

Designed by :



SIGMA ARABESQUE CONSULTING ENGINEERS
RAMALLAH - PALESTINE

DRAWING TITLE

BASEMENT FLOOR PLAN
POWER FOR MECHANICAL

DESIGNED BY:	SIGN.	PROJECT MANAGER:	SIGN.
CHECKED BY:	SIGN.	DIRECTOR of ENG. AFFAIRS:	SIGN.
PRODUCED BY:	TEAM	SIGN.	ISSUE DATE :

DRAWING PHASE	1	Concept	SCALE 1:100	SHEET NUMBER E-10
	2	Schematic		
	3	Design Development		
	4	Construction		
	5	Issued for Construction		

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FAF01
Capacity:
- 580L/sec @ 270Pa, Max speed 1400 RPM, Estimated power:0.5kw x 3ph, 50Hz
Control:
- This fan shall be interlocked with operation with the VRF System.
- The fan has the option of manual override.
- This fan shall be interlocked with the fire detection system for shut of in case of fire.

Fresh air FAN 4/NEW DB
INTERLOCKED WITH FA SYSTEM AND VRF
SYSTEM

VRF OUTDOOR UNIT
28 KW Electrical Rated Power 380V,50Hz

DB VRF /outdoor unit 1 DB VRF /outdoor unit 2

EXF02
Exhaust FAN 2/NEW DB
CONTROLLED BY 24HR TIMER
Accessible Toilet

Exhaust FAN 1/NEW DB
CONTROLLED BY 24HR TIMER

EXF03
Capacity:
- 520L/sec @ 170Pa Max speed 1400 RPM, Estimated power:0.5kw x 3ph, 50Hz
Control:
- This fan shall be Timer model
- The fan has the option of manual override.



State of Palestine



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THE PALESTINE MEDICAL CENTER

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Legend:



Floor Level in Plan
Designed Level

Floor Level in Sec.

LevelS in Ele.

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REV	DESCRIPTION	DATE	DWN	CHKD APPD

Designed by :



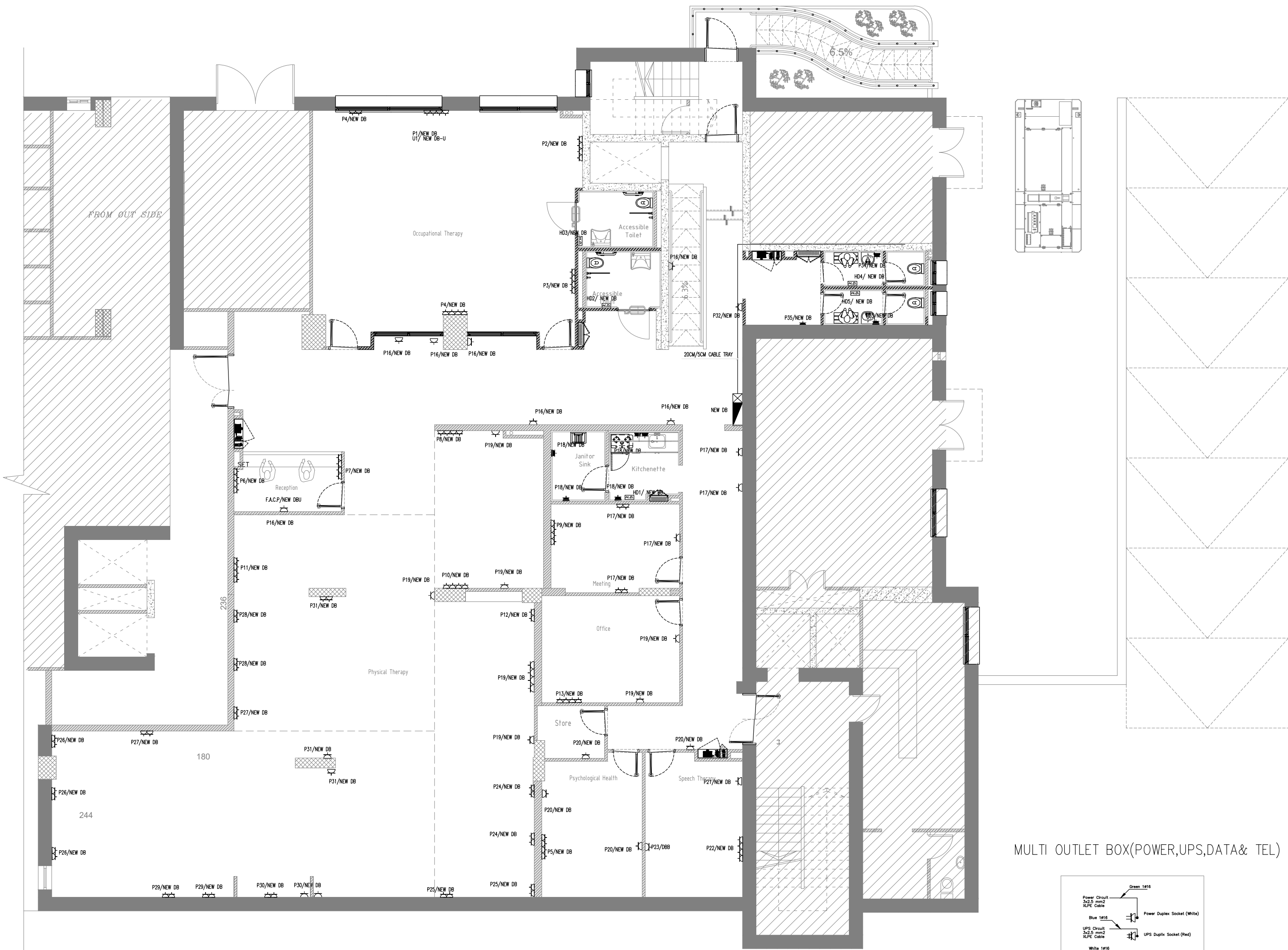
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BASEMENT FLOOR PLAN
Power SYSTEM

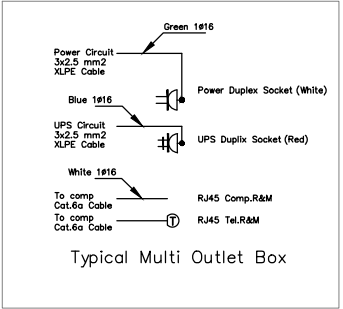
DESIGNED BY:	SIGN.	PROJECT MANAGER:	SIGN.
CHECKED BY:	SIGN.	DIRECTOR OF ENG. AFFAIRS:	SIGN.
PRODUCED BY:	TEAM	SIGN.	ISSUE DATE :

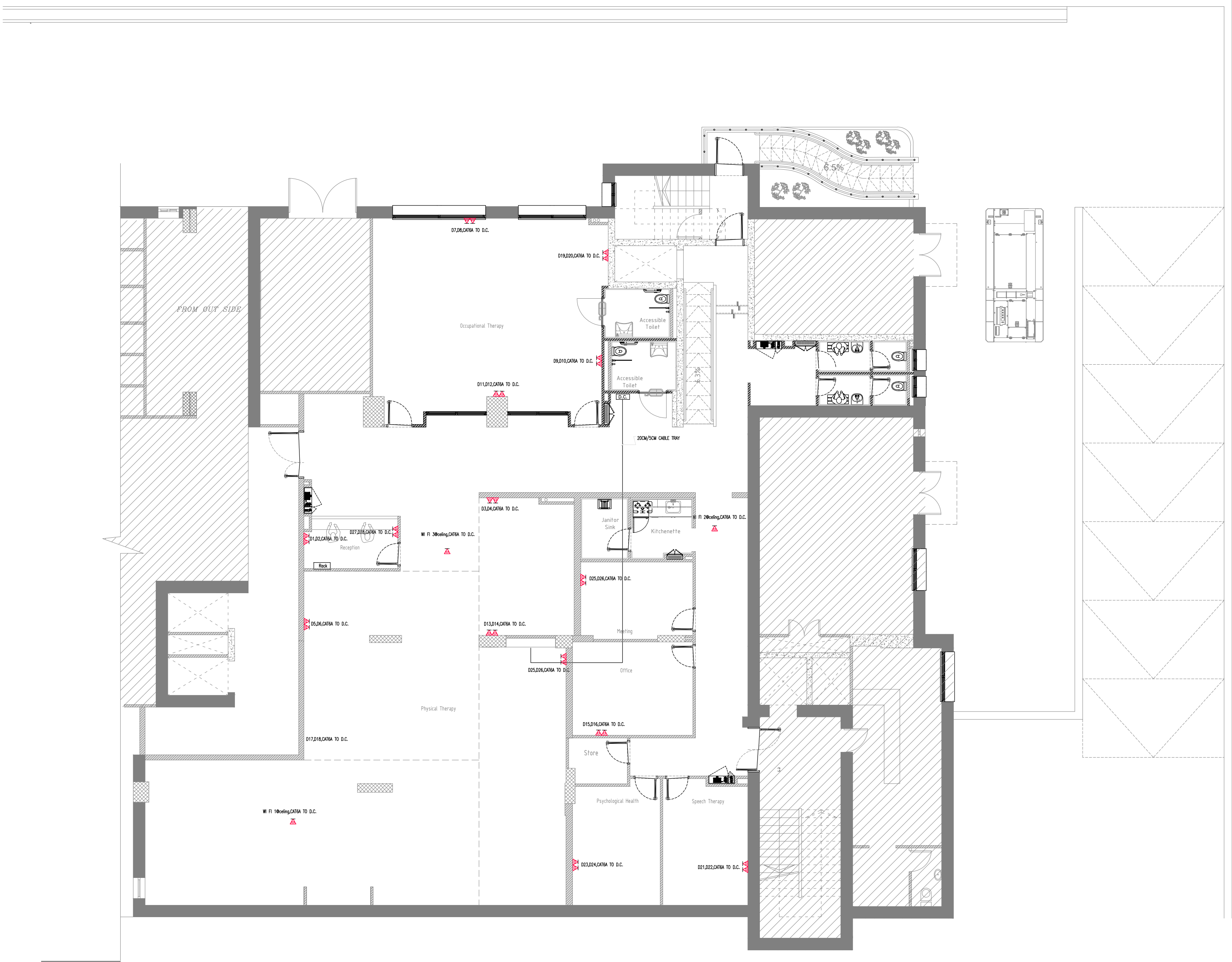
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	2	Schematic		
	3	Design Development		
	4	Construction		
	5	Tendering		

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MULTI OUTLET BOX(POWER,UPS,DATA& TEL)





State of Palestine



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(UNOPS)

PROJECT NAME :
Renovating Two Existing Basement
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THE PALESTINE MEDICAL CENTER

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Legend:



Floor Level in Plan
Designed Level

Floor Level in Sec.

LevelS in Ele.

REVISION NOTES

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REV	DESCRIPTION	DATE	DWN	CHKD

Designed by :



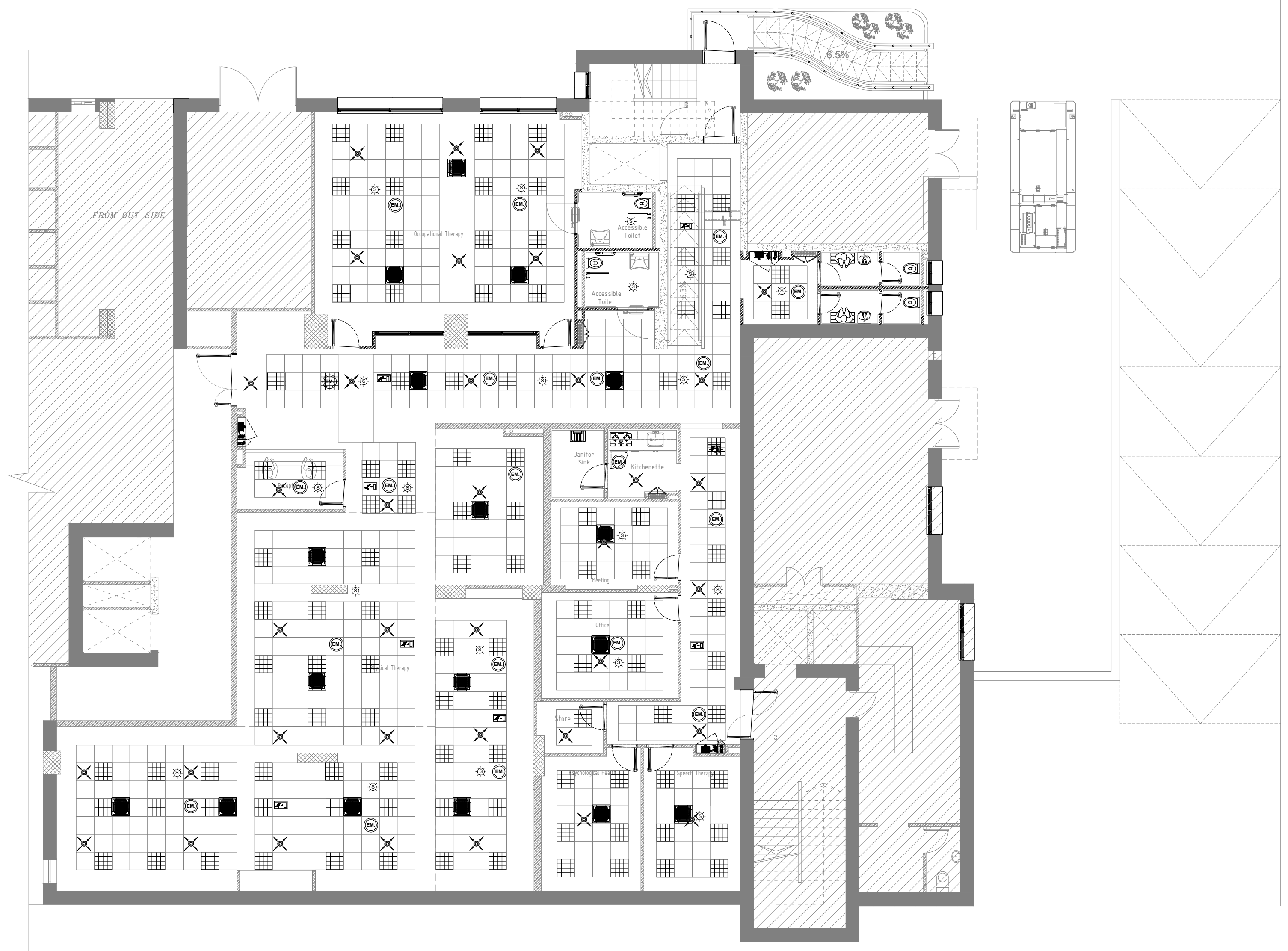
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RAMALLAH - PALESTINE

BASEMENT FLOOR PLAN
L.V. SYSTEM

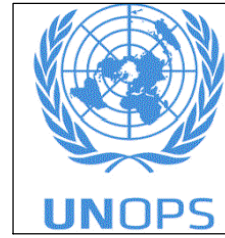
DESIGNED BY:	SIGN.	PROJECT MANAGER:	SIGN.
CHECKED BY:	SIGN.	DIRECTOR of ENG. AFFAIRS:	SIGN.
PRODUCED BY:	TEAM	SIGN.	ISSUE DATE :

DRAWING PHASE	1 Concept 2 Schematic 3 Design Development 4 Construction 5 Tendering	SCALE 1:100	SHEET NUMBER E-12
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THE UNITED NATIONS
OFFICE PROJECT SERVICE
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PROJECT NAME :
Renovating Two Existing Basement
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THE PALESTINE MEDICAL CENTER

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Legend:

- Floor Level in Plan
- Designed Level
- Floor Level in Sec.
- LevelS in Ele.

REV	DESCRIPTION	DATE	DWN	CHKD	APPD
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06					
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04					
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DESIGNED BY :



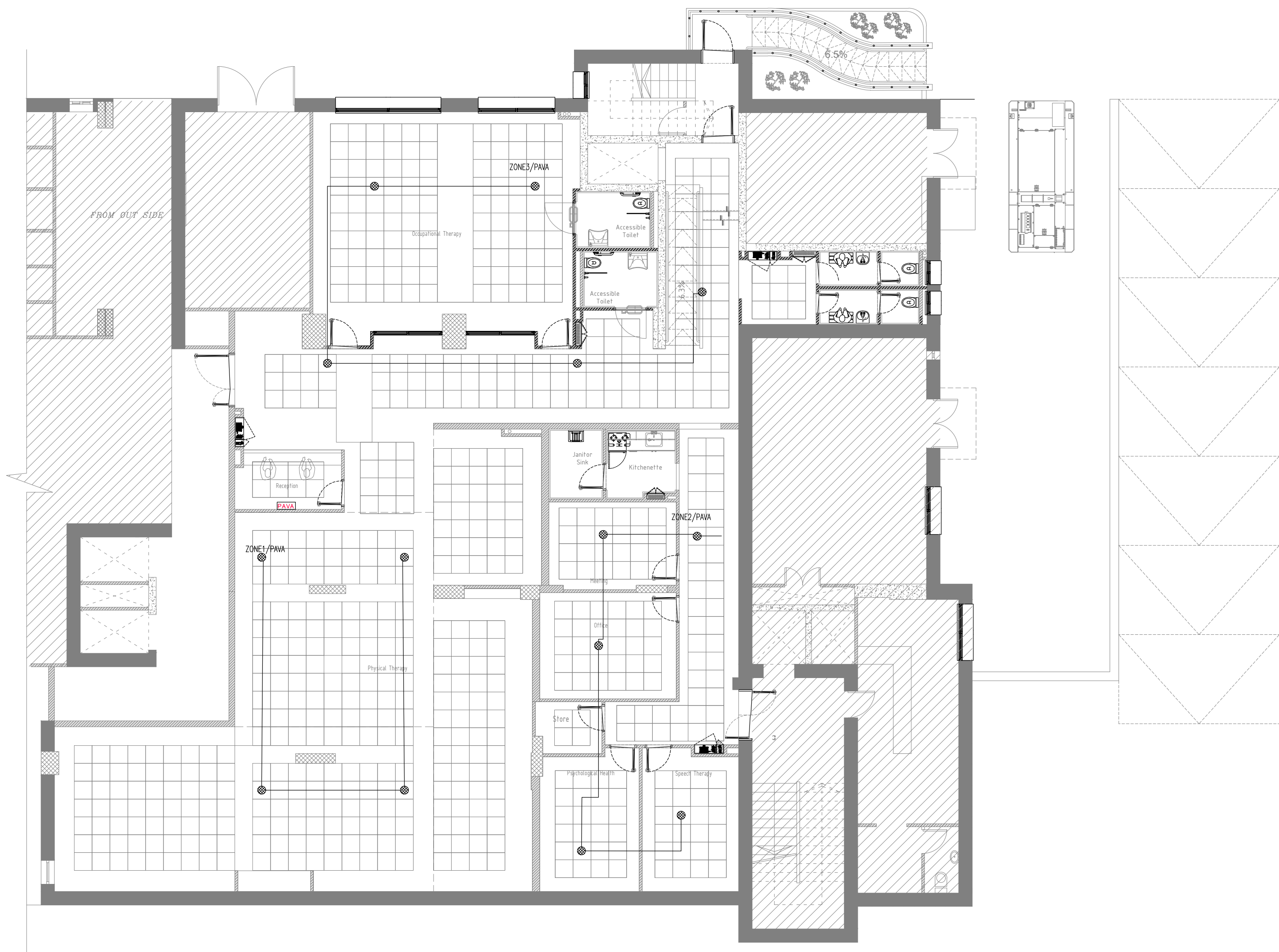
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RAMALLAH - PALESTINE

Electro-Mechanical
COORDINATION PLAN

DESIGNED BY: SIGN. PROJECT MANAGER: SIGN.
CHECKED BY: SIGN. DIRECTOR OF ENG. AFFAIRS: SIGN.
PRODUCED BY: TEAM SIGN. ISSUE DATE :

DRAWING PHASE	SCALE	SHEET NUMBER
1 Concept 2 Schematic 3 Design Development 4 Construction 5 Tendering		E-14

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THE UNITED NATIONS
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PROJECT NAME :
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LevelS in Ele.

REVISION NOTES

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07					
06					
05					
04					
03					
02					
01					

Designed by :



SIGMA ARABESQUE CONSULTING ENGINEERS
RAMALLAH - PALESTINE

DRAWING TITLE

PAVA SYSTEM

DESIGNED BY:	SIGN.	PROJECT MANAGER:	SIGN.
CHECKED BY:	SIGN.	DIRECTOR of ENG. AFFAIRS:	SIGN.
PRODUCED BY:	TEAM	SIGN.	ISSUE DATE :

DRAWING PHASE	SCALE	SHEET NUMBER
1 Concept 2 Schematic 3 Design Development 4 Construction 5 Tendering		

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