



ELECTRICAL SYSTEM DRAWINGS



100% Design submittal

Project No -----

Project Type: Hospital

Area: 382 Square Meters

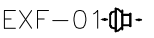
Location: Malalai Maternity Hospital, Kabul, Afghanistan

Client Name: -----

No of Stories: 3 Stories



ELECTRICAL AND ELECTRONICS LEGEND

SYMBOLS	DESCRIPTIONS	SYMBOLS	DESCRIPTIONS
	SINGLE RECEPTACLES 16A MOUNTED HEIGHT 45cm FROM FINISH FLOOR		TELEPHONE OUTLET MOUNTED HEIGHT 60cm FROM FINISH FLOOR
	SPECIAL RECEPTACLES 30A MOUNTED HEIGHT 45cm FROM FINISH FLOOR		TELEVISION AND SATELLITE ANTENNA OUTLET MOUNTED HEIGHT 135cm FROM FINISH FLOOR
	GROUND FAULT CIRCUIT INTERRUPTER (GFCI) RECEPTACLES 16A MOUNTED HEIGHT 45cm FROM FINISH FLOOR		FIRE ALARM CONVENTIONAL SMOKE AND HEAT DETECTOR CEILING MOUNTED
	DECORATIVE CEILING LIGHTS (1X15W) WITH STANDARD MANUFACTURED		FIRE ALARM CONVENTIONAL HEAT DETECTOR CEILING MOUNTED
	DECORATIVE CEILING LIGHTS (1X18W) WITH STANDARD MANUFACTURED		FIRE ALARM CONVENTIONAL CALL POINT MOUNTED HEIGHT 125cm FORM FINISH FLOOR
	WATER PROOF CEILING LIGHTS (1X12W) WITH STANDARD MANUFACTURED		FIRE ALARM SOUNDER AND FIRE ALARM STROP LIGHTS
	WATER PROOF CEILING LIGHTS (1X24W) WITH STANDARD MANUFACTURED		LOUD SPEAKER CONTROL VOLUME HEIGHT 125cm FORM FINISH FLOOR
	DECORATIVE WALL LIGHTS (1X14W) WITH STANDARD MANUFACTURED MOUNTED HEIGHT 230cm FROM FINISH FLOOR		OUT DOOR DECORATIVE CEILING LIGHTS (2X14W) WITH STANDARD MANUFACTURED
	SINGLE BUTTON SWITCH 10A MOUNTED HEIGHT 125cm FROM FINISH FLOOR		AIR CONDITIONER AND SPLIT UNIT 18000 BTU WITH STANDARD MANUFACTURED
	DOUBLE BUTTON SWITCH 10A MOUNTED HEIGHT 125cm FROM FINISH FLOOR		EXHAUST FAN FOR VENTILATION WITH STANDARD MANUFACTURED
	TWO WAY SWITCH 10A MOUNTED HEIGHT 125cm FROM FINISH FLOOR		WALL MOUNTED REMOTE CONTROL FAN 220V/50ZH WITH STANDARD MANUFACTURED MOUNTED HEIGHT 230cm FROM FINISH FLOOR
	SINGLE RECEPTACLES FOR SOLAR POWER 16A MOUNTED HEIGHT 60cm FROM FINISH FLOOR		SINGLE SOLAR POWER RECEPTACLES FOR WIFI 16A MOUNTED HEIGHT 265cm FROM FINISH FLOOR
	DISCONNECT SWITCH FOR ELECTRICAL WATER HEATER / AIR CONDITIONER 32A MOUNTED HEIGHT 180cm FROM FINISH FLOOR		SINGLE SOLAR POWER RECEPTACLES FOR TV16A MOUNTED HEIGHT 125cm FROM FINISH FLOOR
	ELECTRICAL CIRCUIT DIRECTION FOR ALL BRANCH CIRCUIT (IT SHOWS THE LOCATION OF CIRCUIT BREAKER WITH AMPS)		WALL MOUNTED 25x25cm JOIN BOX FOR TV CENTRAL ANTENNA MOUNTED HEIGHT 265cm FROM FINISH FLOOR
	WALL MOUNTED STEEL ELECTRICAL PANEL BOARD WITH ELECTRO STATIC COLOR FOR CONTROL OF SOLAR SYSTEM AND CITY POWER SYSTEM MOUNTED HEIGHT 180cm TOP OF PANEL FROM FINISH FLOOR		WALL MOUNTED 25x25cm JOIN BOX FOR TELEPHONE WIRE MOUNTED HEIGHT 265cm FROM FINISH FLOOR
	DECORATIVE CEILING PARKING LIGHTS (2X14W) WITH STANDARD MANUFACTURED		WALL MOUNTED VIDEO/AUDIO DOOR BILL MONITOR/HANDSET PHONE MOUNTED HEIGHT 130cm FROM FINISH FLOOR
	SINGLE WATER PROOF RECEPTACLES 16A MOUNTED HEIGHT 125cm FROM FINISH FLOOR		WALL MOUNTED 25x25cm JOIN BOX FOR VIDEO/AUDIO DOOR BILL WIRE MOUNTED HEIGHT 265cm FROM FINISH FLOOR
	WATER BOILER 50 LITER 2KW-3KW ELECTRIC POWER		DECORATIVE CEILING HALOGEN LIGHTS (2X12W) WITH STANDARD MANUFACTURED
	WALL MOUNTED ELECTRICAL (DING DONG) BILL HEIGHT 230cm FROM FINISH FLOOR		WALL MOUNTED CONVENTIONAL FIRE ALARM PANEL BOX
	LED 60*60 CM CEILING LIGHT 36WATT WITH (3200-4200)LM		ELECTRICAL PANEL BOARD FOR SOLAR POWER AND CITY POWER INSTALLATION: 180CM FROM GROUND TO PANEL FINISH FLOOR

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

AFGHAN FAMILY GUIDANCE ASSOCIATION
FOCAL NAME:
E-MAIL:
CELL #:



DEVELOPER:

WEB:
E-MAIL:
PHONE #:
FAX #:

CLIENT:

MINISTRY OF PUBLIC HEALTH

PROJECT NO / KEY:

DESIGN / PROJECT STATUS:

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KEYPLAN:



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- ABDUL HANAN ZAFARI

SEAL/SIGNATURE:

DESIGN BY:

ABDUL HANAN ZAFARI

REVIEWED BY:

- NASRATULLAH

APPROVED BY:

- AFGA

FILE REF. / NAME:

lighting plan-ولایت خاکی 3.dwg

SCALE:

AS NOTED

ISSUE DATE:

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ELECTRICAL FIRE ALARM .DATA . TELE & CAMERA SYSTEM LEGEND

SYMBOLS	DESCRIPTIONS	NO
	داتترنست او ټېلفون دوه پورته مساکت قطع سره DATA SOCKET WITH MPS 100 E CONNECTORS	1
	داتترنست او ټېلفون مزي د رگ نه تر مساکت ته tel & Data cat 6 cable from rack to sockets	2
	داتترنست او ټېلفون لپاره 25*25 ملی پی وی سی دکت	3
	داتترنست او ټېلفون لپاره 60*50 ملی پی وی سی دکت	4
	داتترنست او ټېلفون 9 یو توزیع مسند (رگ) اوپچ پینل نصب منځ اودایجابی امورو سره RACK 9u WITH PATCH PINAL	5
	د الارم کیبل دایجابی امورو سره fair Alarm Cable 1*2*1.5mm2	6
	داتتر نست لپاره 24 پورته سیمیکر سوچ نصب منځ اودایجابی امورو سره،	7
	داور د خیرتیا نیسټ 20 ملی پیپ فټینگ اویجابی امورو سره 20 mm pvc pipe with fittings	8
	داور د خیرتیا نیسټ 16 ه زونه دسنگاه دایجابی امورو سره FIRE ALARM CONTROL PANEL ADDRESSABLE	9
	دودنی الارمونو تعداد د ایجابی امورو سره SMOKE DETECTOR	10
	د مختلط الارمونو تعداد دایجابی امورو سره Gase DETECTOR	11
	د حرارتی الارمونو تعداد دایجابی امورو سره HEAT DETECT OR	12
	د الارم دسیسټمچراغ داره سوندر ایجابی امورو سره SOUNDER with light	13
	د شاسی کال پینټ (دایجابی امورو سره call point	14
	د کمبری دسیسټم 32 چینل دسنگاه دکیبورډ او ټولو ضروری تجهیزات نصب، منځ اویجابی امورو سره Network video recorder (NVR 32Channel) KEYBORD& saver	15
	د کمبری لپاره 48 پورته سیمیکر سوچ نصب منځ اودایجابی امورو سره،	16
	د کمبری لپاره 50*LCD monitor 50*LCD	17
	دایجابی لپاره 8 متر دایجابی امورو سره PTZ IN DOOR CAMERA 8M	18
	دایجابی لپاره 15 متر دایجابی امورو سره PTZ IN DOOR CAMERA 15M	19
	دایجابی لپاره 30 متر دایجابی امورو سره PTZ OUT DOOR CAMERA 30M 380DG	20
	د کمبری لپاره 21*LCD monitor 21*LCD Personalization card workstation	21
	د کمبری مزی 6 cat د رگ نه تر کمبری پوری دایجابی امورو سره camera cat 6 cable from rack to camera	22
	د کمبری سیمیکر لپاره د ای ایم پی پایپ د فټنگونو او ایجابی امورو سره EMT pipe with fittings and different sizes	23
	د کمبری سیمیکر لپاره کیبل له ایجابی امورو سره Power Cable for camers 1*2*2.5mm2	24
	Power Cable for camers 1*2*2.5mm2	25

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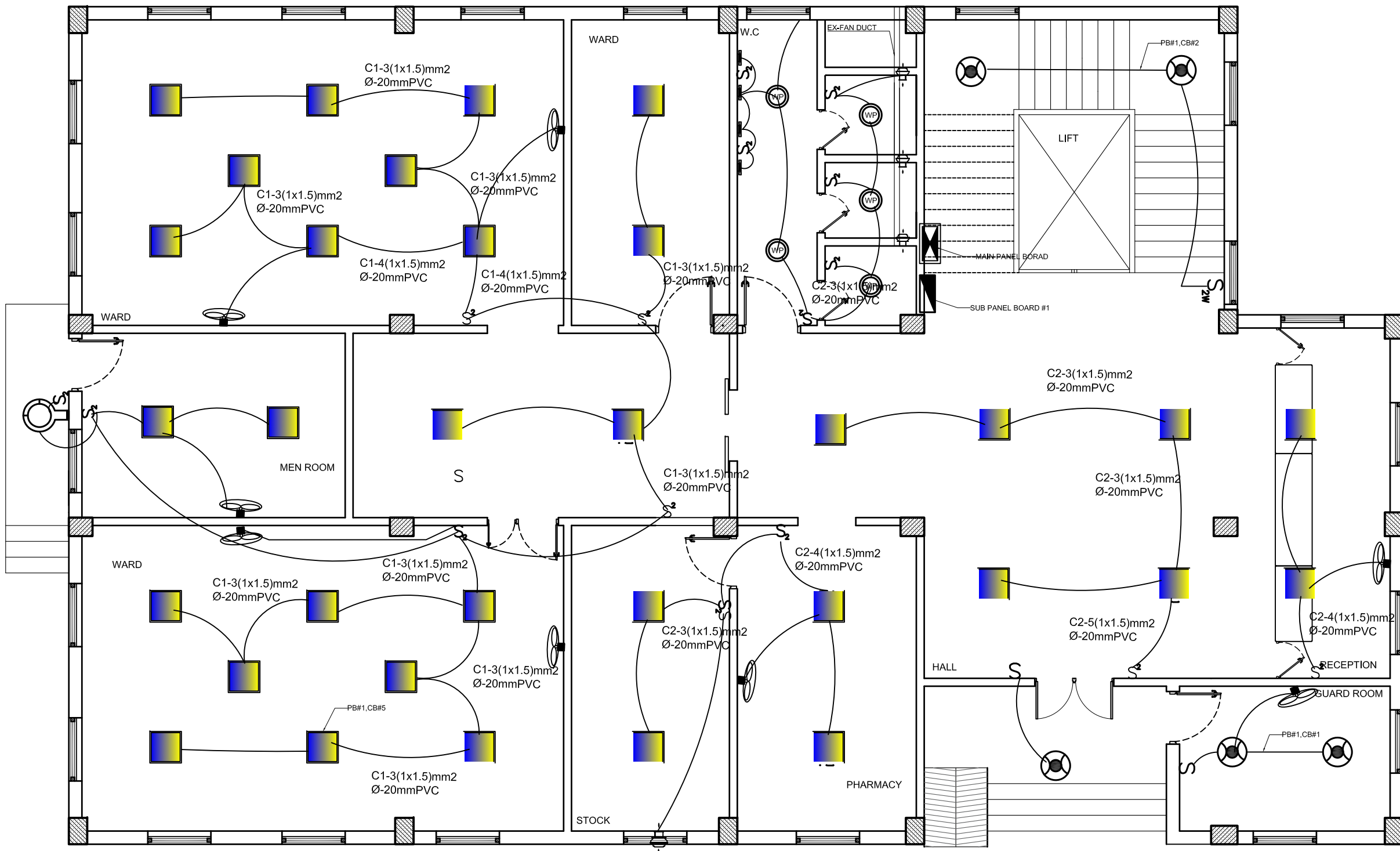
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GENERAL NOTE

1. SWITCHES HAVE 125cm HIGH FROM FINISH FLOOR
2. RECEPTACLES MUST HAVE 45cm HIGH FROM FINISH FLOOR
3. RECEPTACLES IN KITCHEN TABLE MUST HAVE 50cm HIGH FROM THE KITCHEN TABLE, OTHERWISE 125CM
4. MAIN DISTRIBUTION PANEL BOARD SHALL HAVE 150cm HIGH FROM FINISH FLOOR
5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

03
E-103

FIRST FLOOR LIGHTING PLAN

1:50

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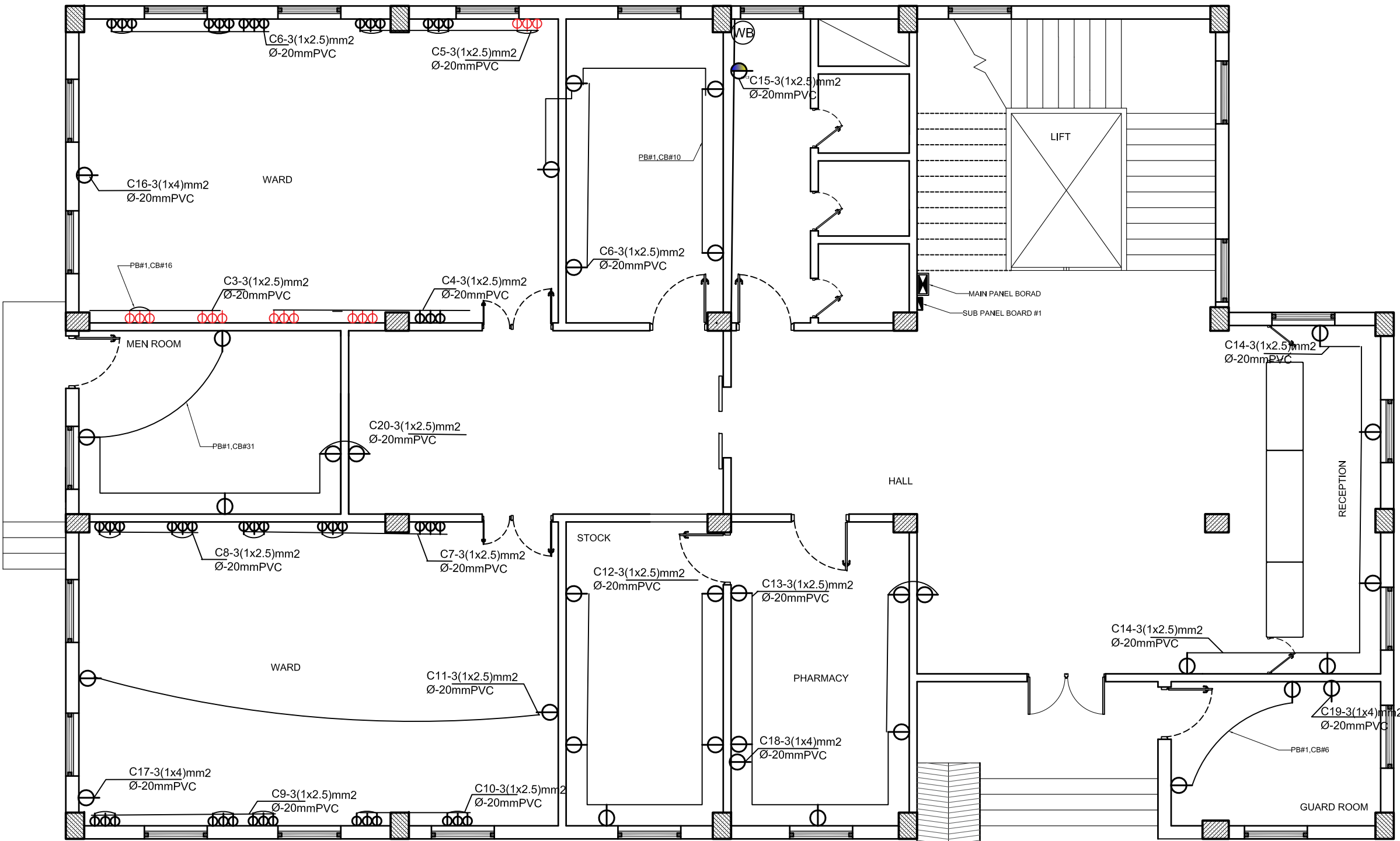
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04 FIRST FLOOR POWER PLAN

E-104 1:50

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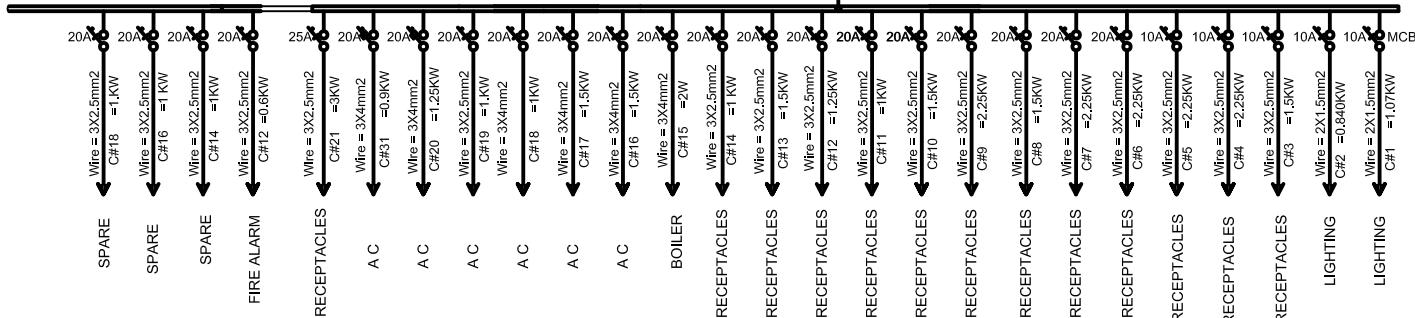
MTS = MANUAL TRANSFER SWITCH
TDML = TOTAL DEMAND LOAD
PL = POLE
MCB = MINIATURE CIRCUIT BREAKER
G = GROUND
MCCB = MODEL CASE CIRCUIT BREAKER

FROM CITY POWER
MDP

CABLE SIZE =
4X16mm2+1x10mm2 G WIRE

CITY POWER PANEL PB 1	
PI	37.27KW
PC+20%	31.303 KW
IC	63.71KW
Pf	0.85
df	0.7

MCCB 80A 3(PH)



FIRST FLOOR PBS1/PB1 - 2WIRES+(1WIRE GROUNDING) 220V/380V/50HZ/1PHASE+3PHASE

05 FIRST FLOOR SINGL LINE DIAGRAM
E-105 1:50

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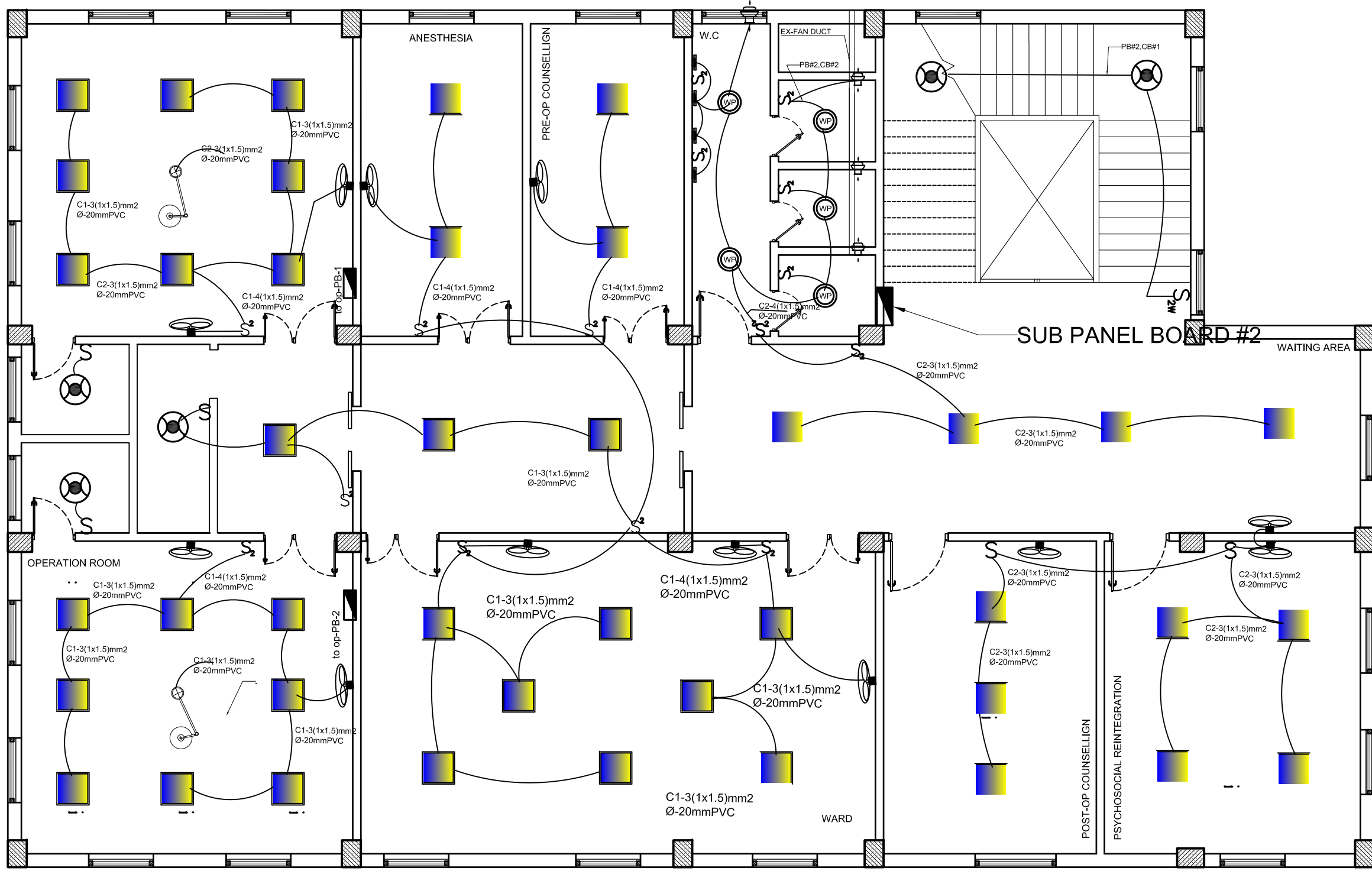
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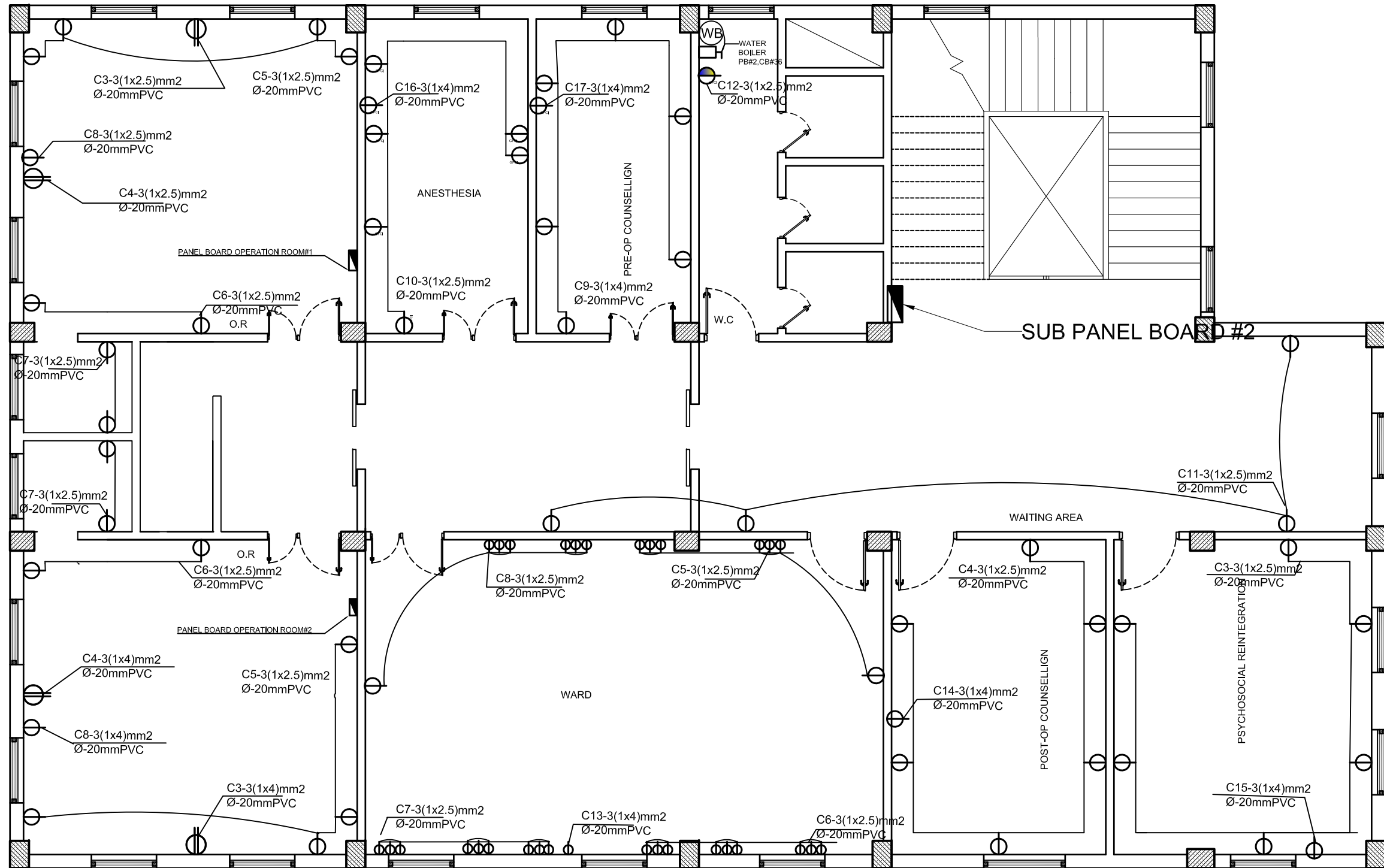
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- GENERAL NOTE
1. SWITCHES HAVE 125cm HIGH FROM FINISH FLOOR
 2. RECEPTACLES MUST HAVE 45cm HIGH FROM FINISH FLOOR
 3. RECEPTACLES IN KITCHEN TABLE MUST HAVE 50cm HIGH FROM THE KITCHEN TABLE, OTHERWISE 125CM
 4. MAIN DISTRIBUTION PANEL BOARD SHALL HAVE 150cm HIGH FROM FINISH FLOOR
 5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
 6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

06 SECOND FLOOR LIGHTING PLAN
E-106 1:50



- GENERAL NOTE
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 5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
 6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

07 SECOND FLOOR POWER PLAN
E-107 1:50

PROJECT NAME:

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KABUL- AFGHANISTAN

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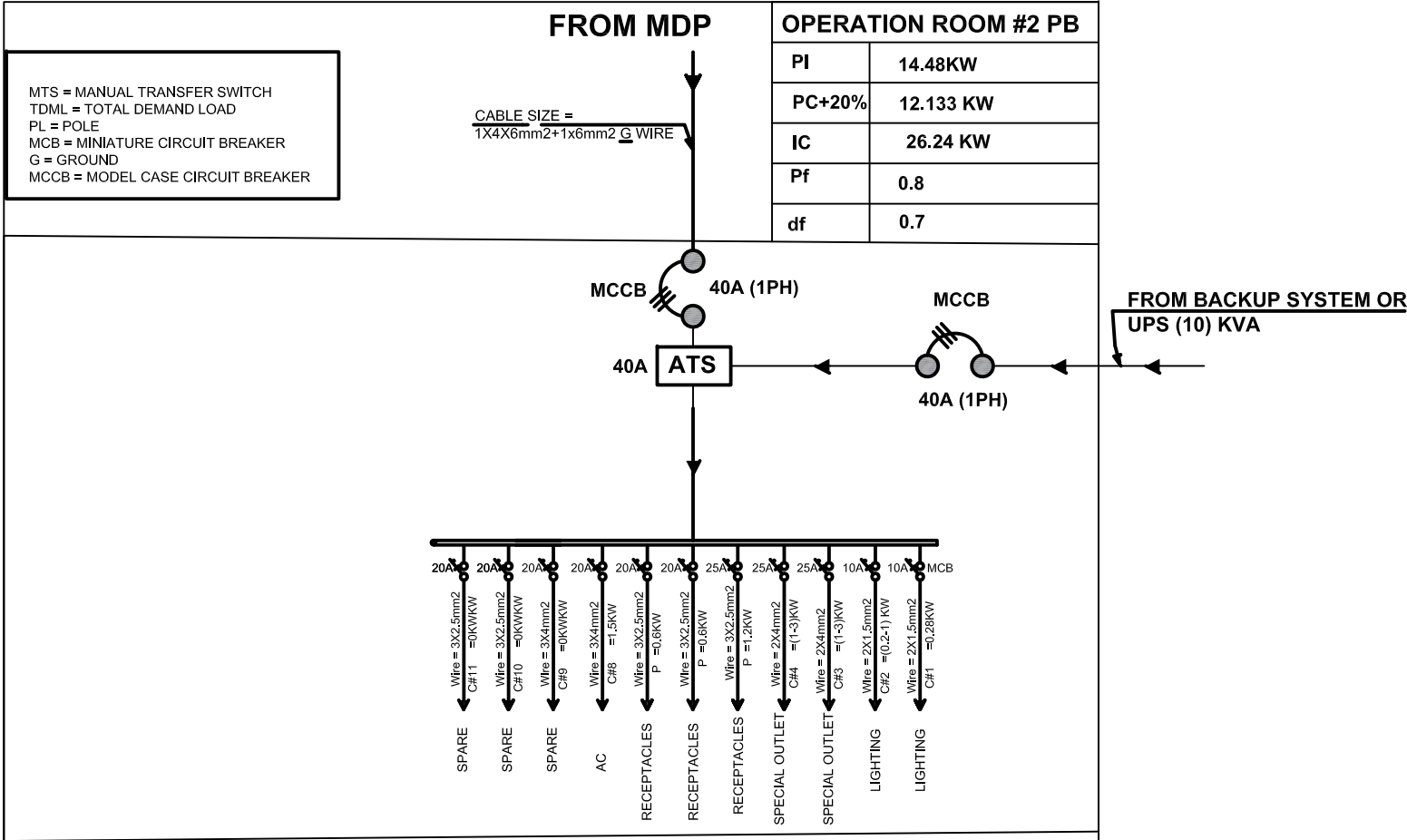
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OPERATION ROOM PANEL BOARD - 2WIRES+(1WIRE GROUNDING) 220V/50HZ/1PH

08 SECOND FLOOROP- PB2 SINGEL DIAGRAM
E-108 1:50

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
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OWNER:

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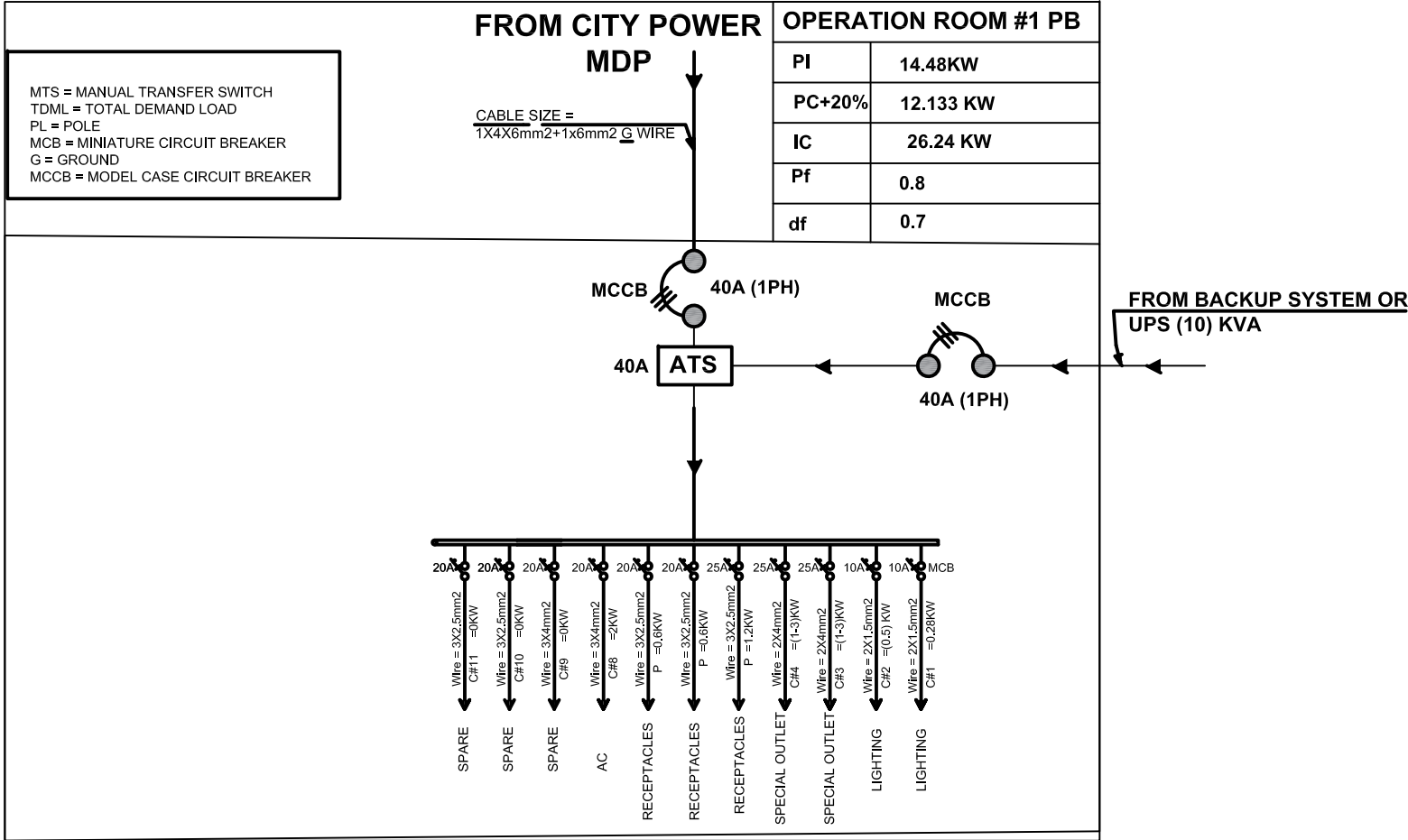
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OPERATION ROOM PANEL BOARD - 2WIRES+(1WIRE GROUNDING) 220V/50HZ/1PH

09 SECOND FLOOROP- PB1 SINGEL DIAGRAM
E-109 1:50

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

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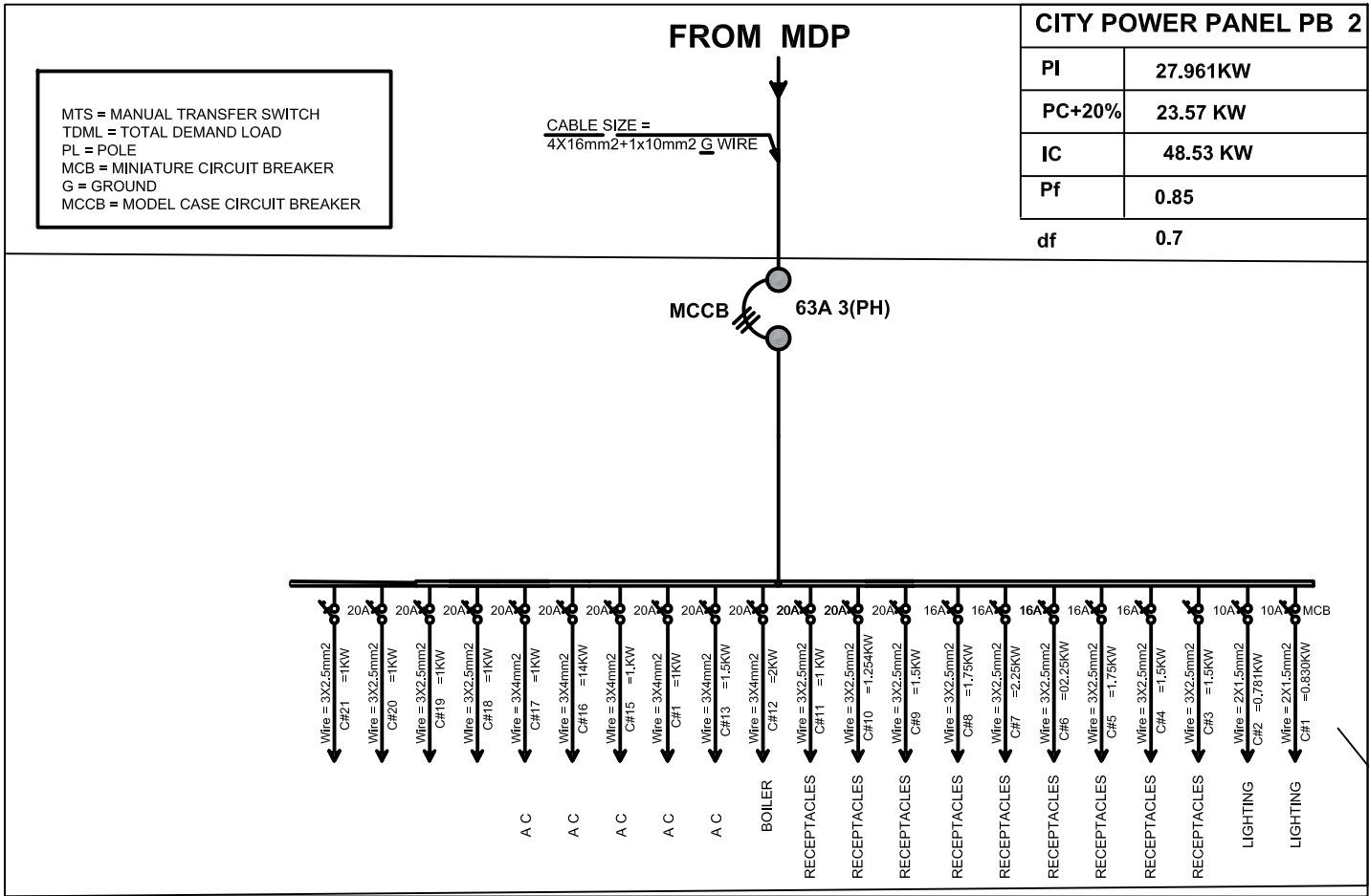
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SECOND FLOOR PBS2/PB2 - 2WIRES+(1WIRE GROUNDING) 220V/380V/50HZ/1PHASE+3PHASE

10 SECOND FLOOR SINGL LINE DIAGRAM
E-110 1:50

PROJECT NAME:

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PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

AFGHAN FAMILY GUIDANCE ASSOCIATION
FOCAL NAME:
E-MAIL:
CELL #:



DEVELOPER:

WEB:
E-MAIL:
PHONE #:
FAX #:

CLIENT:

MINISTRY OF PUBLIC HEALTH

PROJECT NO / KEY:

DESIGN / PROJECT STATUS:

FOR TENDER ONLY

KEYPLAN:



DRAWN BY:

- ABDUL HANAN ZAFARI

DESIGN BY:

- ABDUL HANAN ZAFARI

REVIEWED BY:

- NASRATULLAH

APPROVED BY:

- AFGA

SEAL/SIGNATURE:

FILE REF. / NAME:

lighting plan-ولایت خايندش 3.dwg

SCALE:

AS NOTED

ISSUE DATE:

15-Sep-2025

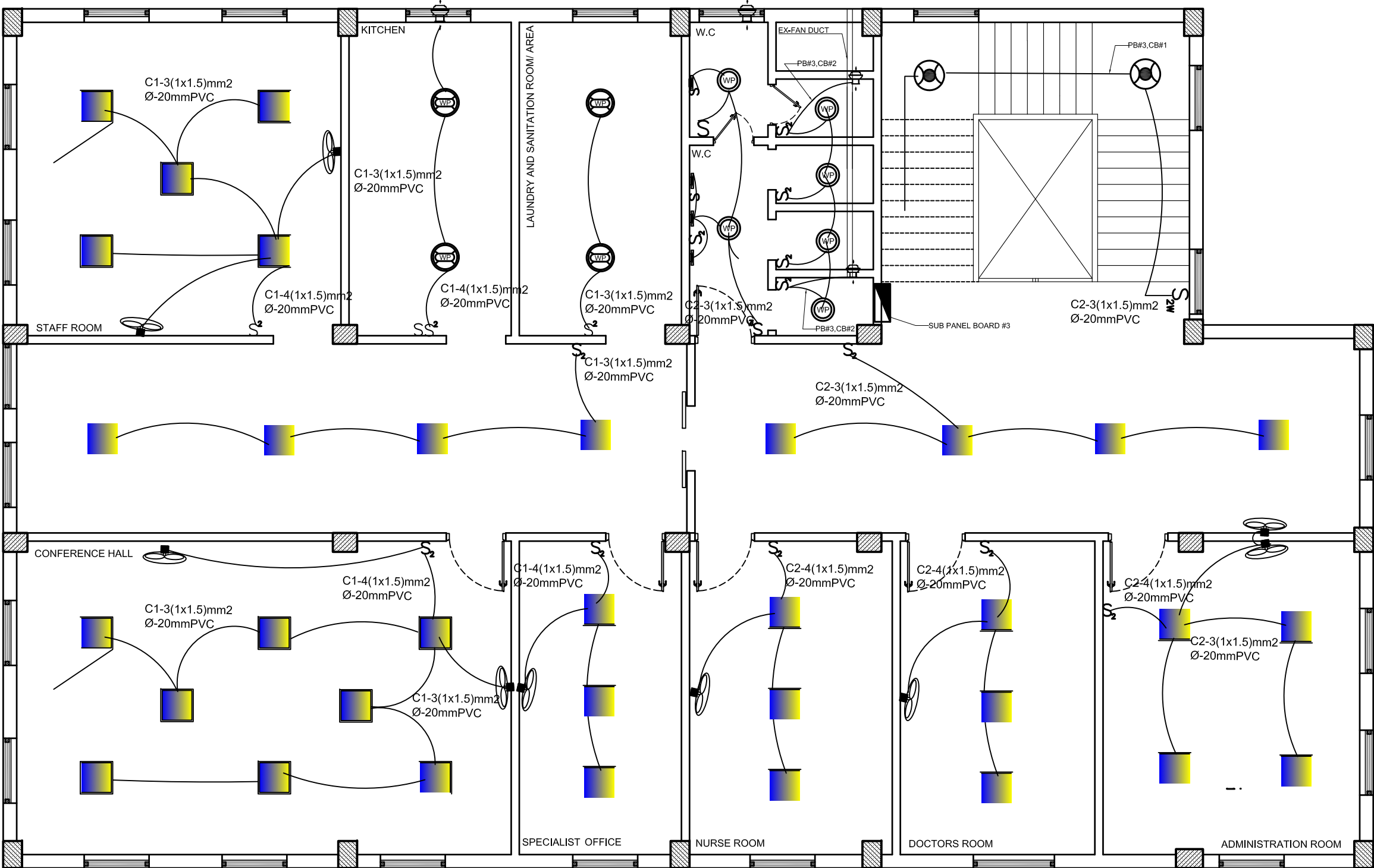
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GENERAL NOTE

1. SWITCHES HAVE 125cm HIGH FROM FINISH FLOOR
2. RECEPTACLES MUST HAVE 45cm HIGH FROM FINISH FLOOR
3. RECEPTACLES IN KITCHEN TABLE MUST HAVE 50cm HIGH FROM THE KITCHEN TABLE, OTHERWISE 125CM
4. MAIN DISTRIBUTION PANEL BOARD SHALL HAVE 150cm HIGH FROM FINISH FLOOR
5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

11
E-111

THRD FLOOR LIGHTING PLAN

1:50

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

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- ABDUL HANAN ZAFARI

DESIGN BY:

ABDUL HANAN ZAFARI

REVIEWED BY:

- NASRATULLAH

APPROVED BY:

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SEAL/SIGNATURE:

FILE REF. / NAME:

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SCALE:

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ISSUE DATE:

15-Sep-2025

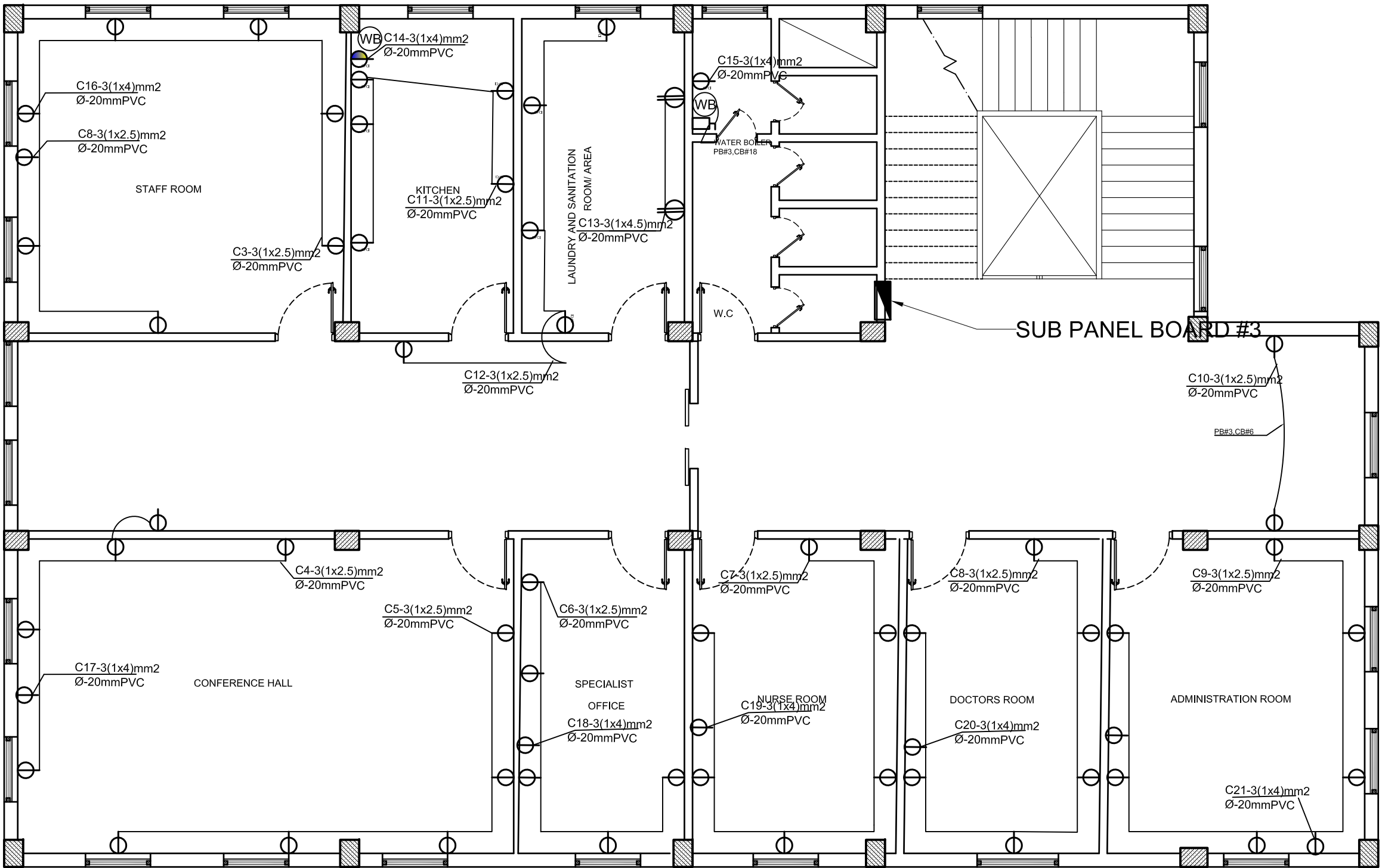
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GENERAL NOTE

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4. MAIN DISTRIBUTION PANEL BOARD SHALL HAVE 150cm HIGH FROM FINISH FLOOR
5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

12 THERD FLOOR POWER PLAN
E-112 1:50



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A4 / L1TSSCALE 10 / monochrome.ctb / 17-Dec-25 / 1:16 / Bahram Hotak / Adobe PDF DARI.pc3

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

AFGHAN FAMILY GUIDANCE ASSOCIATION
FOCAL NAME:
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- ABDUL HANAN ZAFARI

SEAL/SIGNATURE:

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ABDUL HANAN ZAFARI

REVIEWED BY:

- NASRATULLAH

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30KA ISC / 05 SEC

SURFACE MOUNTED NEMA ENCLOSURE
380Y,220 VOLT, 50HZ, 3 PHASE ,4 WIRE

PANEL BOARD NAME :MDP(MIN DISTRIBUTION PINEAL)
MAIN CIRCUIT BREAKER : 3Ph-200A
4*25mm2+16mm2 Ground Cable

WIRE ,CONDUIT SIZE AND DESCRIPTION		PHASE LOAD			AMP	POL	CKT	PHASE LOAD		
WIREmm2 & CONDUIT mm	LOAD DESCRIPTION	A (W)	B (W)	C (W)				A (VA)	B (VA)	C (VA)
1x4 x16mm2+10 IN 50MM PVC PIPE	PB-1	12424.333				1	1			
			12424.333			1	2			
				12424.333		1	3			
1x4 x16mm2+10 IN 50MM PVC PIPE	PB=2	9320.33				1	4			
			9320.33			1	5			
				9320.33		1	6			
1x4 x16mm2+35 IN 50MM PVC PIPE	PB=3	10594				1	7			
			10594			1	8			
				10594		1	9			
1x4 x6mm2+6 IN 50MM PVC PIPE	OPERATION ROOM#1	4826.666				1	10			
			4826.666			1	11			
				4826.666		1	12			
1x4 x6mm2+6 IN 50MM PVC PIPE	OPERATION ROOM#2	4826.666				1	13			
			4826.666							
				4826.666						
1x4 x6mm2+6 IN 50MM PVC PIPE	LIFT	3000								
			3000							
				3000						
1x4 x6mm2+6 IN 50MM PVC PIPE										
SUB TOTAL =		44990.333	44990.333	44990.333	MDP-4 1(4X70mm²)+35mm² Cu FROM TRANSFORMER POWER RISER DIAGRAM					
TOTAL PHASE (A) =		44990.333	W							
TOTAL PHASE (B) =		44990.333	W							
TOTAL PHASE (C) =		44990.333	W							
TOTAL CONNECTED LOAD (W)		134970.999	W							
TOTAL CONNECTED LOAD (KW)		134.971								
DEMAND FACTOR =0.7 (KW)		94.479								
20% FUTURE (KW)		18.896								
TOTAL LOAD (KW+20% FUTURE (KW)		113.375								
TOTAL AMPERE (3PH)		204.049								

MDP LOAD SCHEDULE

14
E-114

MDP LOD SCHDULE

1:50

1

2

3

4

5

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

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AS NOTED

ISSUE DATE:

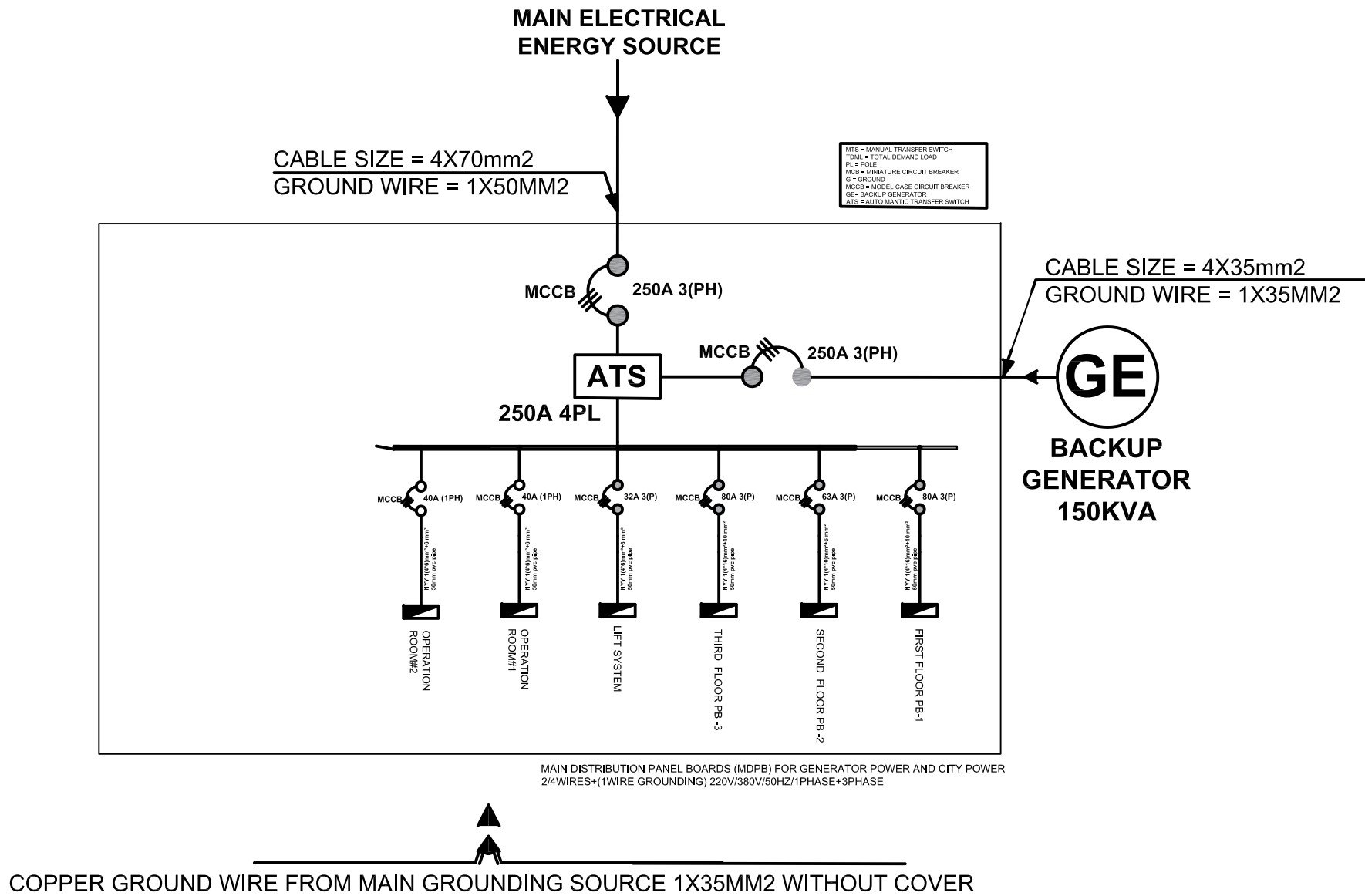
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15 MDP SINGL LINE DIAGRAM

E-115

1:50

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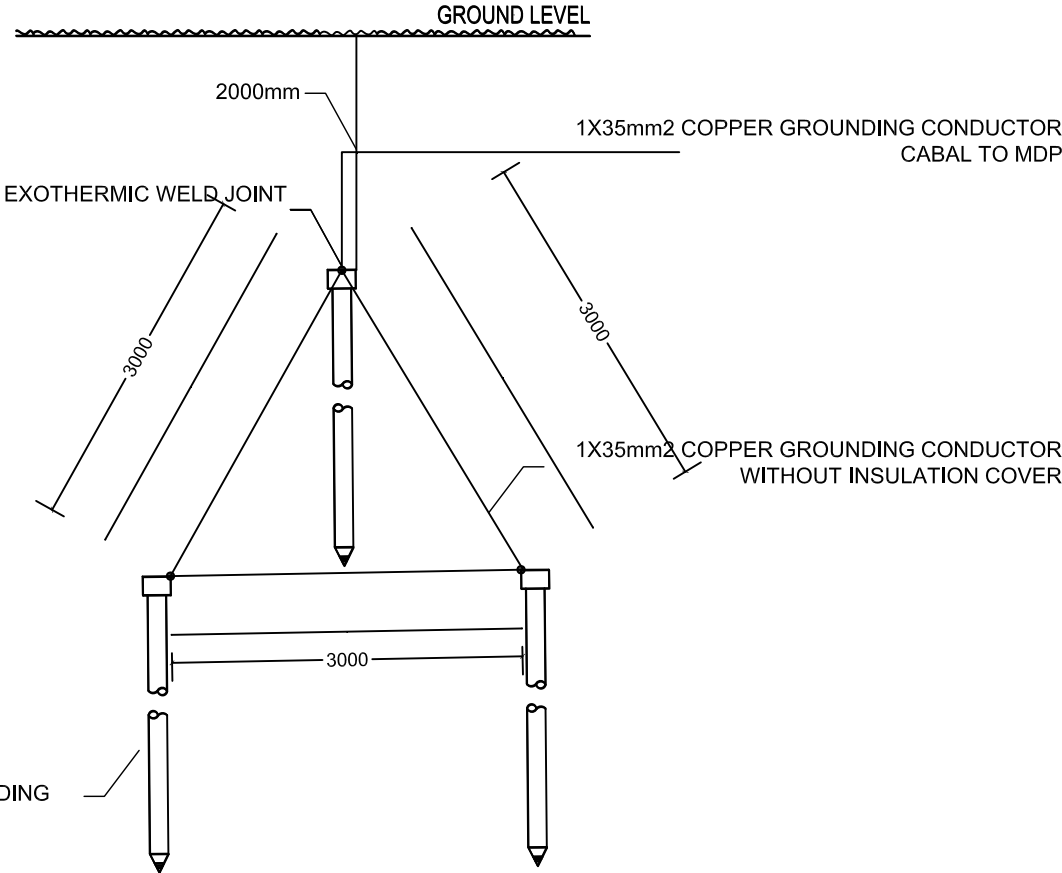
A

NOTE:

FINAL GROUND RESISTANCE SHALL BE LESS THAN 25 OHMS AS GENERAL AND 5 OHMS FOR POWER SUPPLY POINTS.
IF IT DOES NOT ACHIEVE, ADD EXTENSION TO EACH ROD.
IF THAT DOES NOT ACHIEVE LESS THAN 25 OHMS EITHER TREAT THE SOIL WITH ROCK SALT BY DIGGING A TRENCH AROUND EACH ROD AND SATURATE THE TRENCH WITH WATER.
GROUNDING AND BONDING IS COMPLIED WITH THE REQUIREMENTS OF NEC TABLE 250.6. UNDERGROUND CONNECTIONS SHALL BE EXOTHERMALLY WELDED.

ALL EXPOSED NON-CURRENT CARRYING METALLIC PARTS OF ELECTRICAL EQUIPMENT IN THE ELECTRICAL SYSTEM ARE GROUNDED.

INSULATED GROUNDING CONDUCTOR (SEPARATE FROM THE ELECTRICAL SYSTEM NEUTRAL CONDUCTOR) IS INSTALLED IN ALL FEEDER AND BRANCH CIRCUIT RACEWAYS.



3 METER LENGTH, 16mm DIA GROUNDING ROD, COPPER CLAD STEEL

GENERAL

16 GENERAL GROUNDING SYSTEM
E-116 1:50

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

AFGHAN FAMILY GUIDANCE ASSOCIATION
FOCAL NAME:
E-MAIL:
CELL #:



DEVELOPER:

WEB:
E-MAIL:
PHONE #:
FAX #:

CLIENT:

MINISTRY OF PUBLIC HEALTH

PROJECT NO / KEY:

DESIGN / PROJECT STATUS:

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KEYPLAN:



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DESIGN BY: ABDUL HANAN ZAFARI	
REVIEWED BY: - NASRATULLAH	
APPROVED BY: - AFGA	

FILE REF. / NAME: lighting plan-مخالفات و تاليفات 3.dwg	
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MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

AFGHAN FAMILY GUIDANCE ASSOCIATION
FOCAL NAME:
E-MAIL:
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DEVELOPER:

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FAX #:

CLIENT:

MINISTRY OF PUBLIC HEALTH

PROJECT NO / KEY:

DESIGN / PROJECT STATUS:

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KEYPLAN:



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DESIGN BY: ABDUL HANAN ZAFARI	
REVIEWED BY: - NASRATULLAH	
APPROVED BY: - AFGA	

FILE REF. / NAME:

lighting plan-ولایت خاکی 3.dwg

SCALE: AS NOTED	ISSUE DATE: 15-Sep-2025
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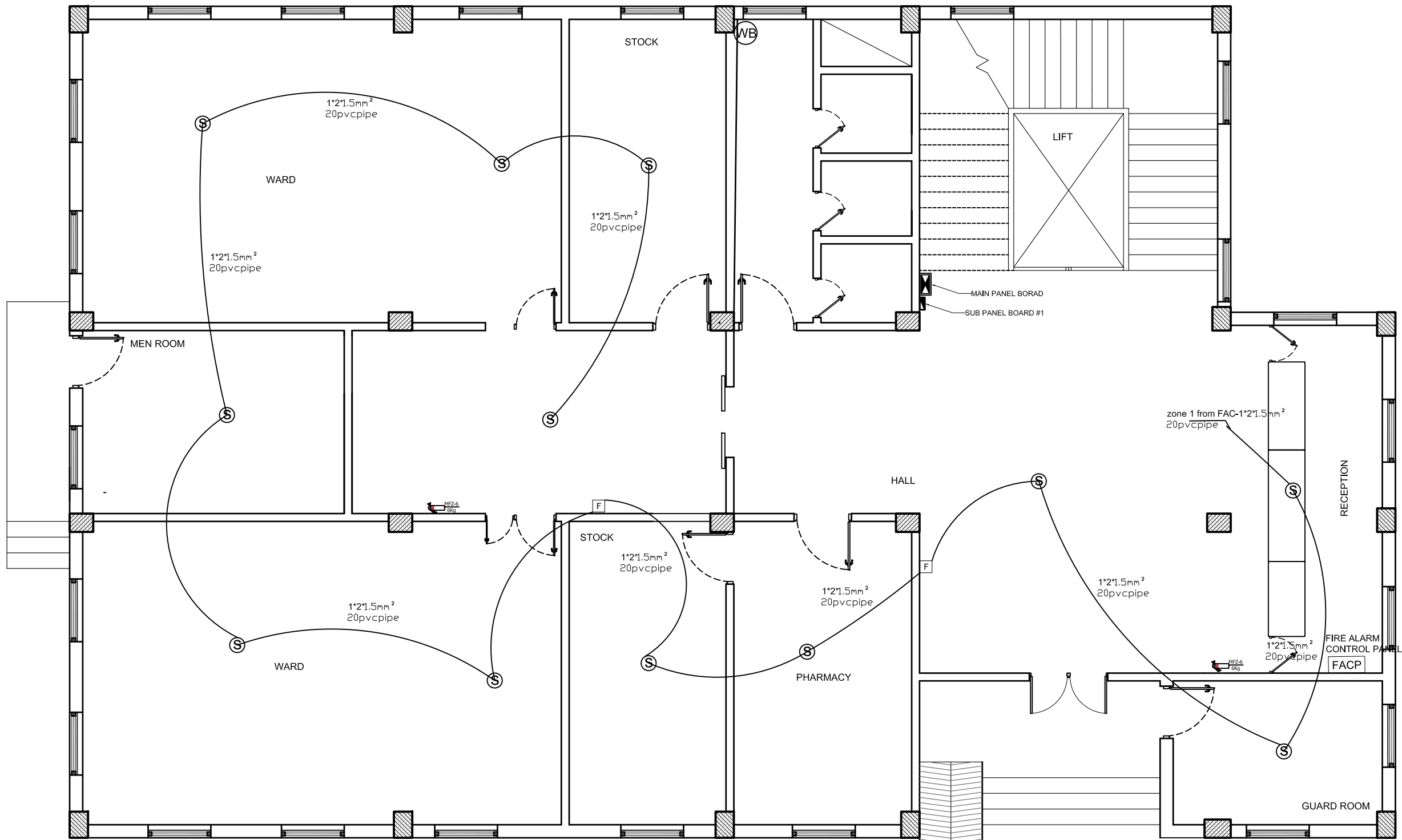
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GENERAL NOTE

1. SWITCHES HAVE 125cm HIGH FROM FINISH FLOOR
2. RECEPTACLES MUST HAVE 45cm HIGH FROM FINISH FLOOR
3. RECEPTACLES IN KITCHEN TABLE MUST HAVE 50cm HIGH FROM THE KITCHEN TABLE, OTHERWISE 125CM
4. MAIN DISTRIBUTION PANEL BOARD SHALL HAVE 150cm HIGH FROM FINISH FLOOR
5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

17 FIRST FLOOR FAIR ALARM PLAN
E-117 1:50

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

AFGHAN FAMILY GUIDANCE ASSOCIATION
FOCAL NAME:
E-MAIL:
CELL #:



DEVELOPER:

WEB:
E-MAIL:
PHONE #:
FAX #:

CLIENT:

MINISTRY OF PUBLIC HEALTH

PROJECT NO / KEY:

DESIGN / PROJECT STATUS:

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KEYPLAN:



QIBLA FOR
KABUL = 253°
FROM NORTH

DRAWN BY:

- ABDUL HANAN ZAFARI

SEAL/SIGNATURE:

DESIGN BY:

ABDUL HANAN ZAFARI

REVIEWED BY:

- NASRATULLAH

APPROVED BY:

- AFGA

FILE REF. / NAME:

lighting plan-مخبره و نور 3.dwg

SCALE:

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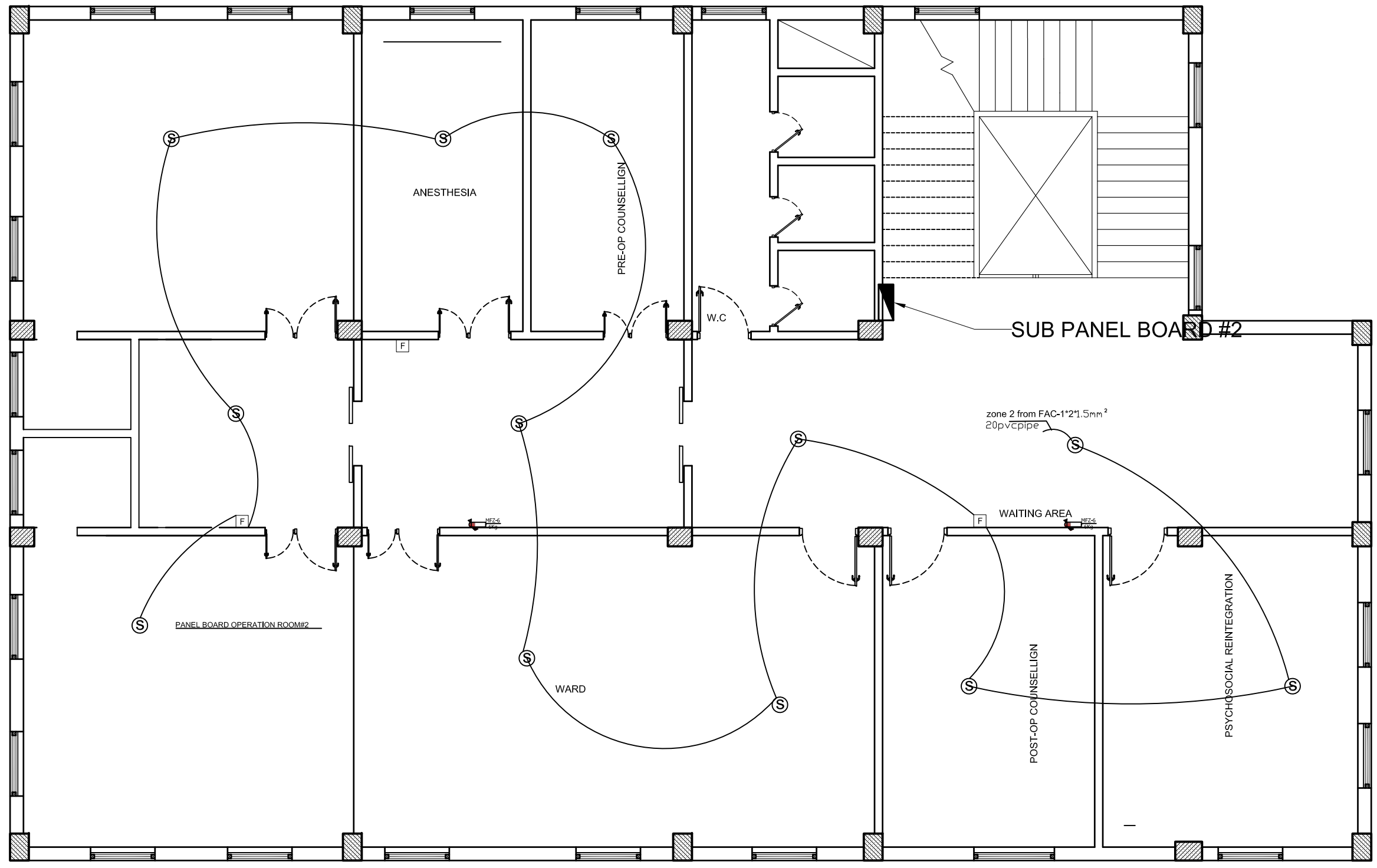
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 5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
 6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

18 SECOND FLOOR FAIR ALARM PLAN
E-118 1:50

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

AFGHAN FAMILY GUIDANCE ASSOCIATION
FOCAL NAME:
E-MAIL:
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MINISTRY OF PUBLIC HEALTH

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KEYPLAN:



QIBLA FOR
KABUL = 253°
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FILE REF. / NAME:

lighting plan-دراغافش 3.dwg

SCALE:

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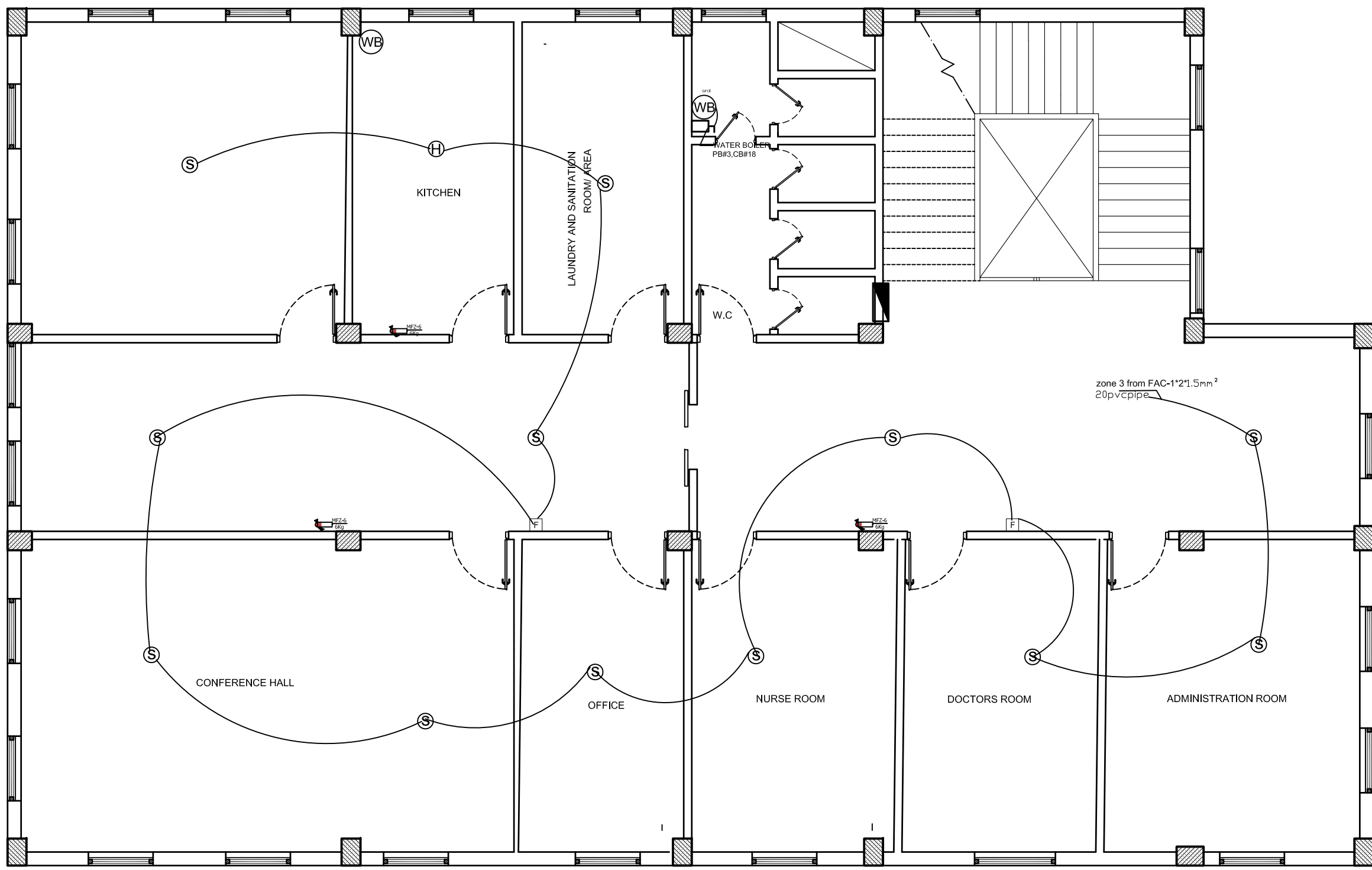
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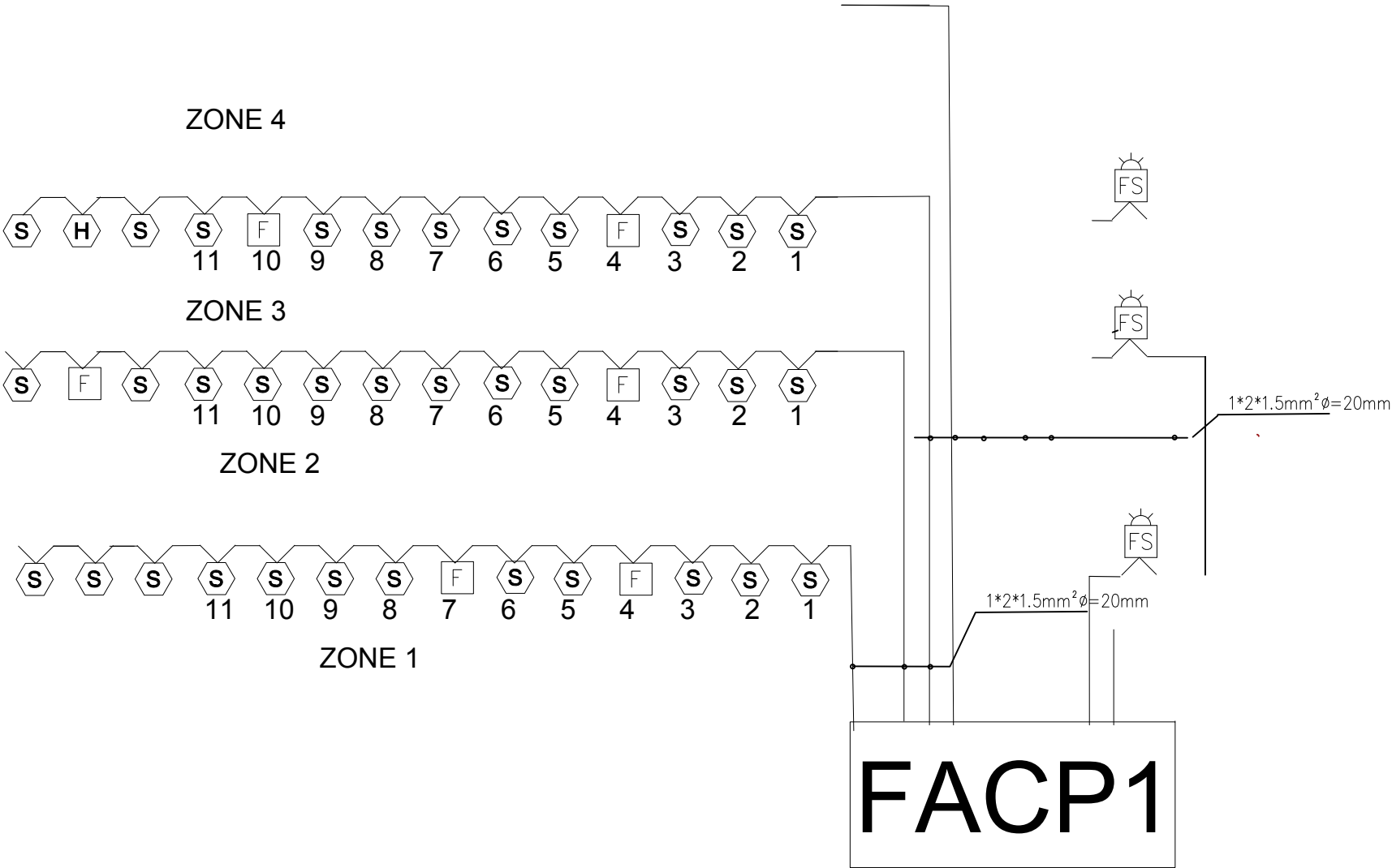
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6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

FAIR ALARM SYSTEM DIAGRAMS



PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
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KABUL- AFGHANISTAN

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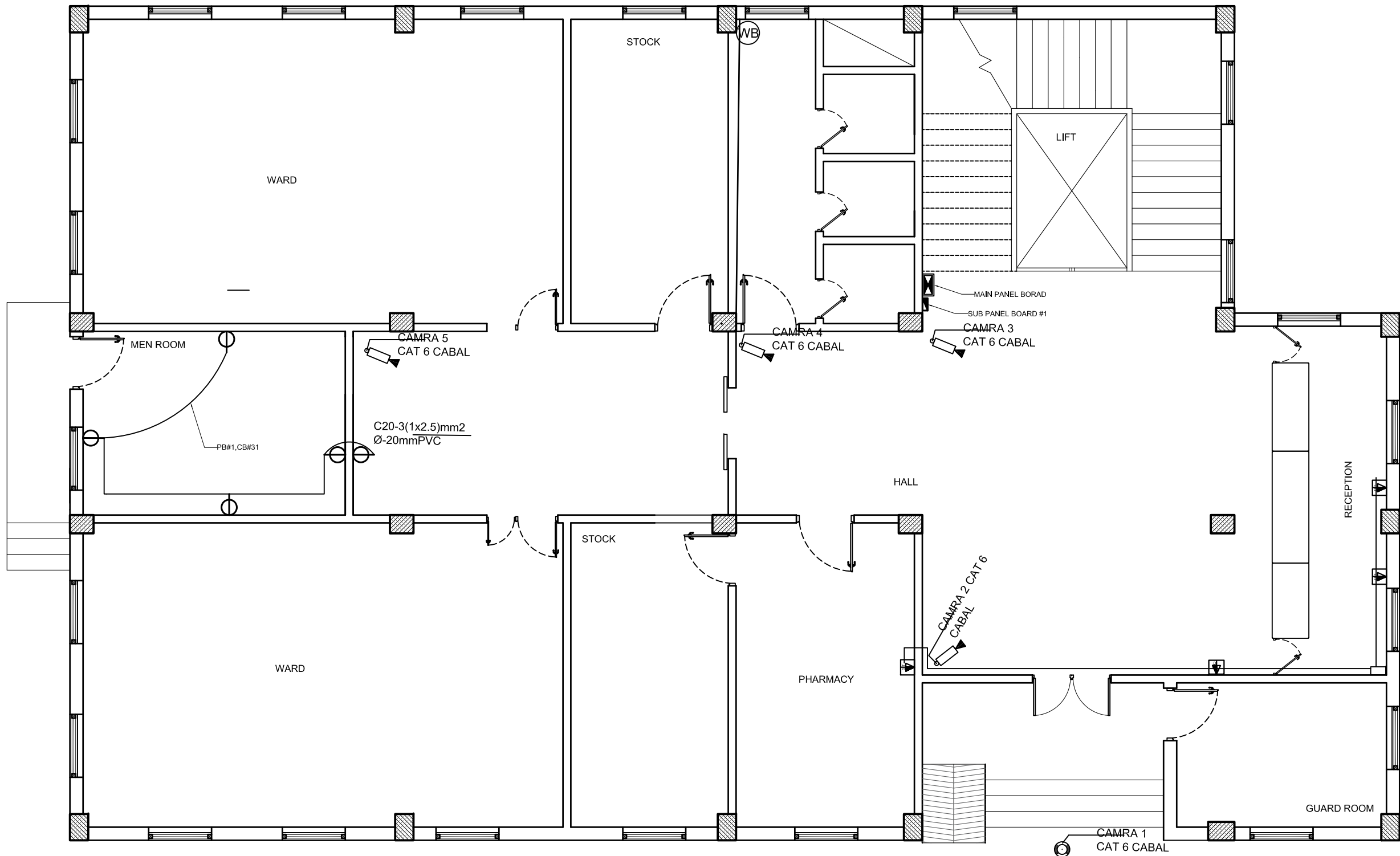
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5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

21 FIRST FLOOR DATA & CAMERA SYSTEM PLAN
E-121 1:50

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

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APPROVED BY:

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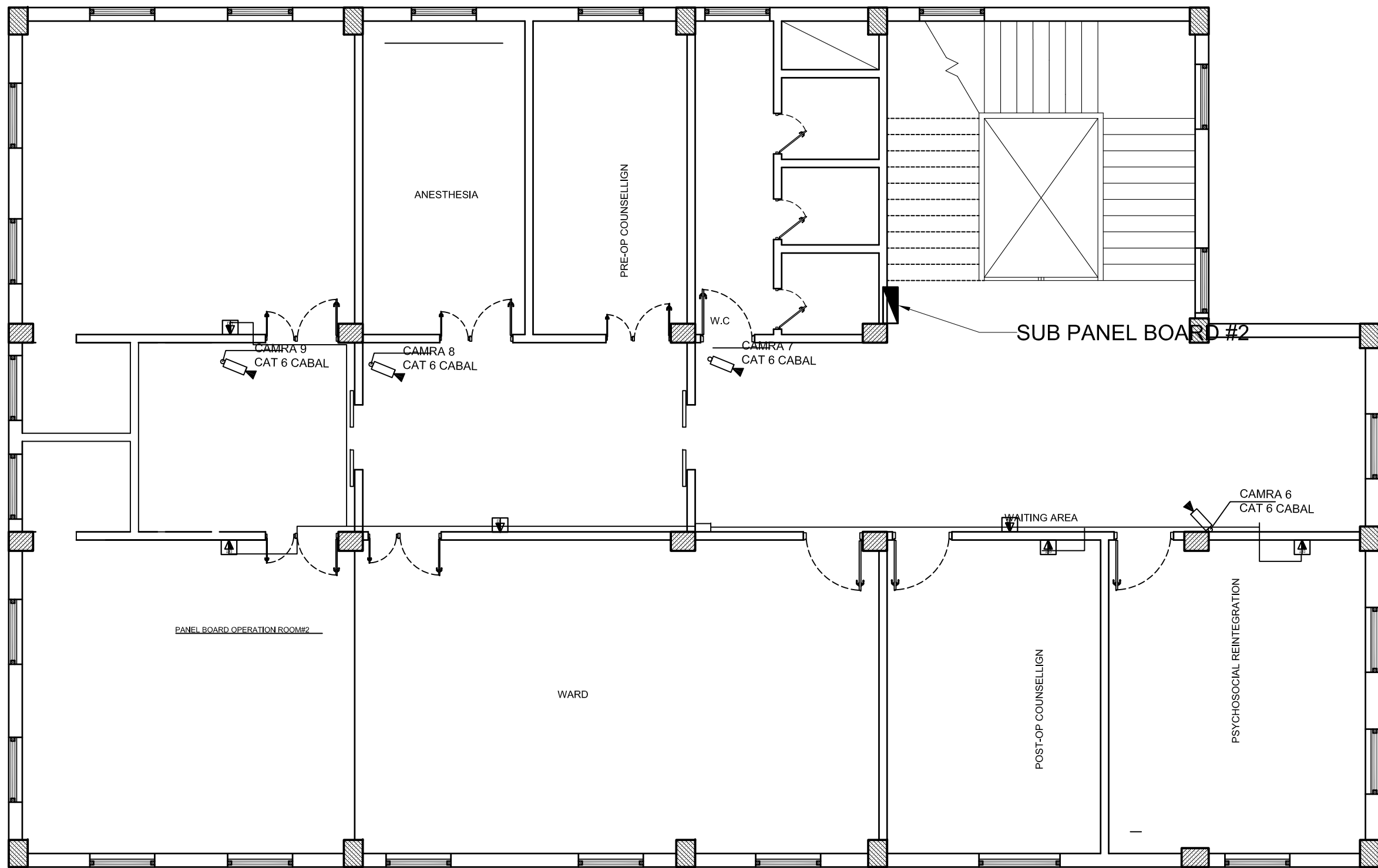
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- GENERAL NOTE
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 6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

22 SECOND FLOOR CAMERA & DATA PLAN
E-122 1:50

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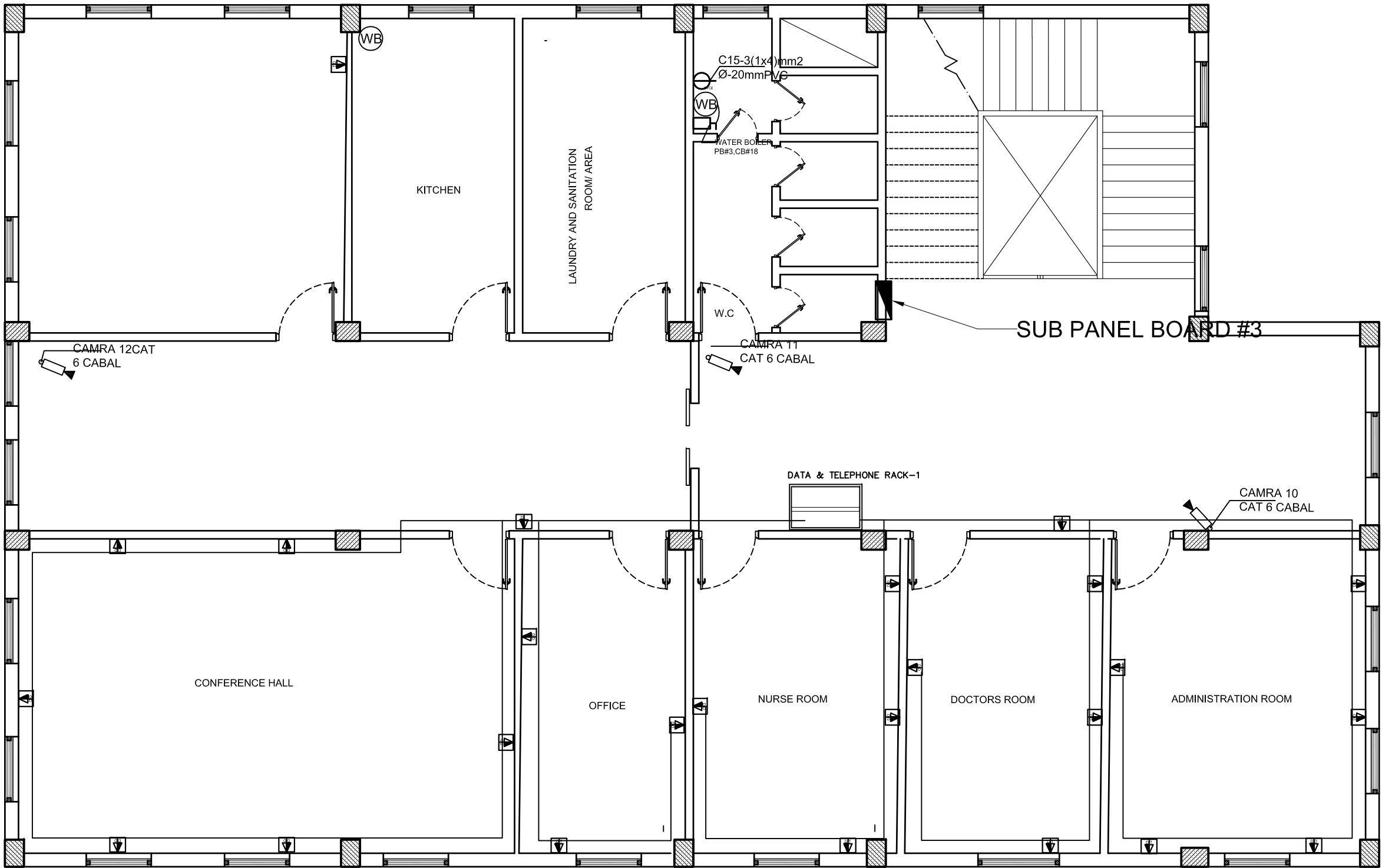
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MINISTRY OF PUBLIC HEALTH

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KEYPLAN:



DRAWN BY:

- ABDUL HANAN ZAFARI

DESIGN BY:

ABDUL HANAN ZAFARI

REVIEWED BY:

- NASRATULLAH

APPROVED BY:

- AFGA

SEAL/SIGNATURE:

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ISSUE DATE:

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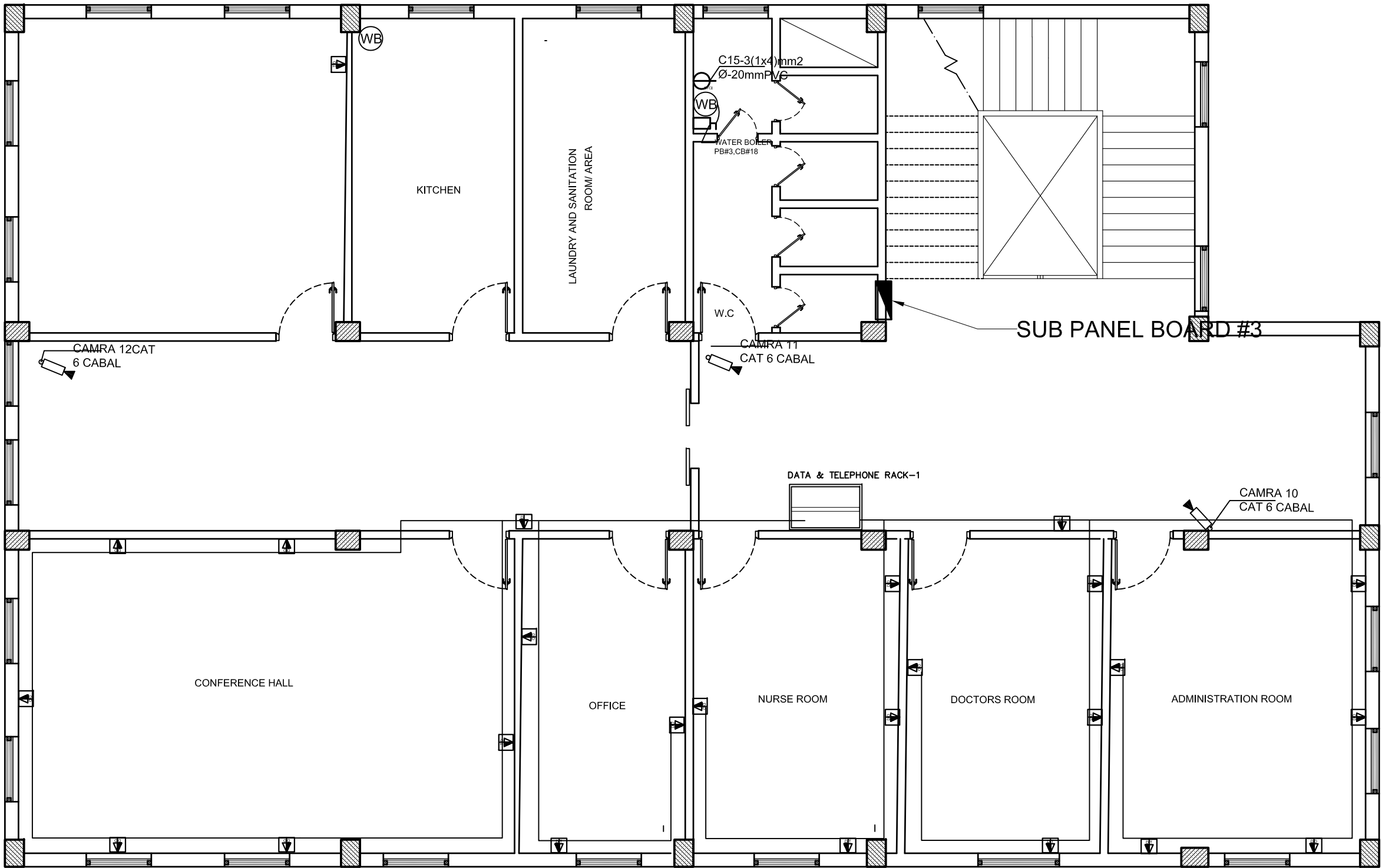
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- GENERAL NOTE
1. SWITCHES HAVE 125cm HIGH FROM FINISH FLOOR
 2. RECEPTACLES MUST HAVE 45cm HIGH FROM FINISH FLOOR
 3. RECEPTACLES IN KITCHEN TABLE MUST HAVE 50cm HIGH FROM THE KITCHEN TABLE, OTHERWISE 125CM
 4. MAIN DISTRIBUTION PANEL BOARD SHALL HAVE 150cm HIGH FROM FINISH FLOOR
 5. SUB PANEL BOARDS SHALL HAVE 150cm FROM FINISH FLOOR
 6. WATER HEATER MUST HAVE 120CM-150CM HIGH FROM FINISH FLOOR

PROJECT NAME:

FISTULA CARE CENTER IN MALALAI
MATERNITY HOSPITAL IN
KABUL- AFGHANISTAN

OWNER:

AFGHAN FAMILY GUIDANCE ASSOCIATION
FOCAL NAME:
E-MAIL:
CELL #:



DEVELOPER:

WEB:
E-MAIL:
PHONE #:
FAX #:

CLIENT:

MINISTRY OF PUBLIC HEALTH

PROJECT NO / KEY:

DESIGN / PROJECT STATUS:

FOR TENDER ONLY

KEYPLAN:



DRAWN BY:

- ABDUL HANAN ZAFARI

SEAL/SIGNATURE:

DESIGN BY:

ABDUL HANAN ZAFARI

REVIEWED BY:

- NASRATULLAH

APPROVED BY:

- AFGA

FILE REF. / NAME:

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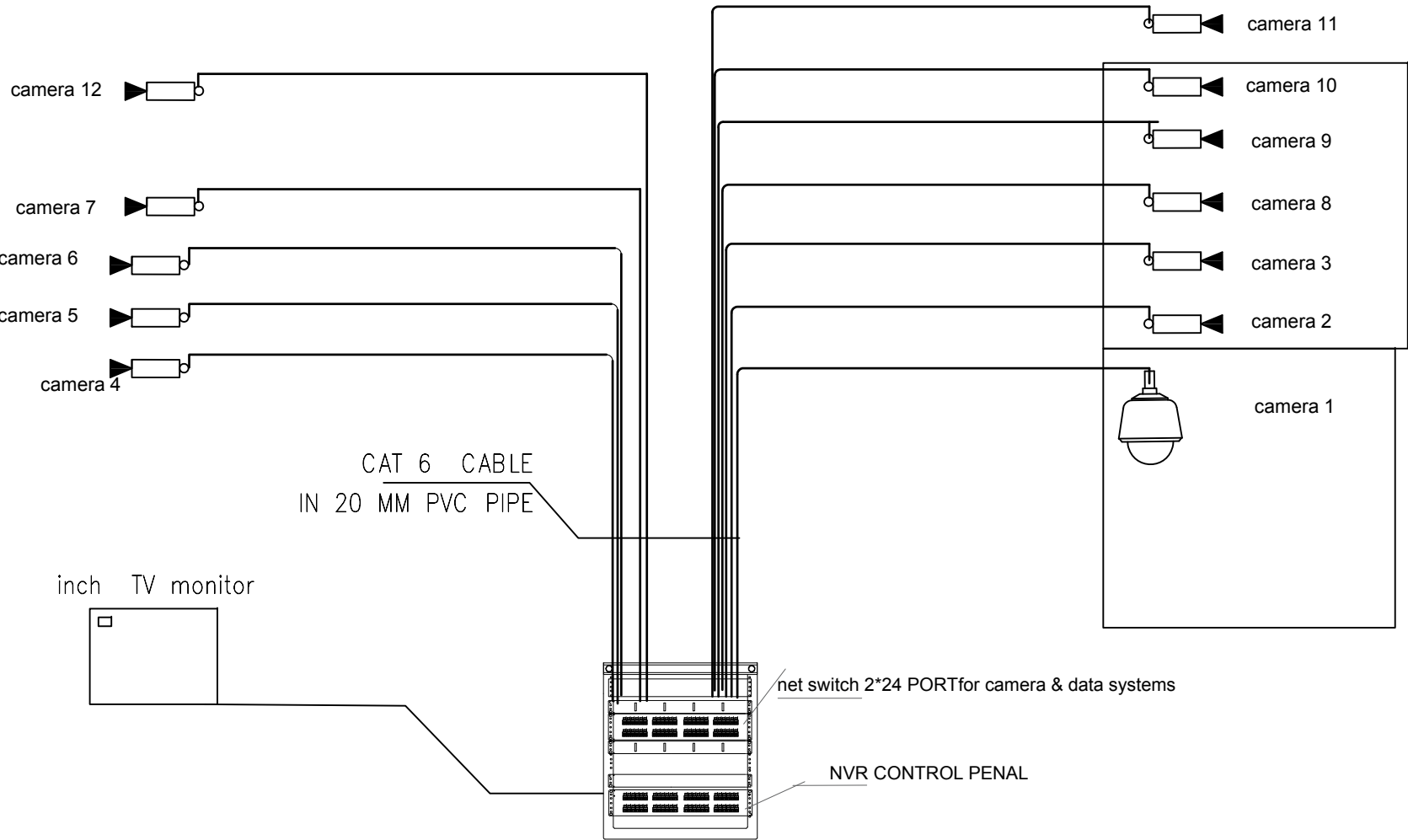
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CAMRA SYSTEM DIAGRAMS



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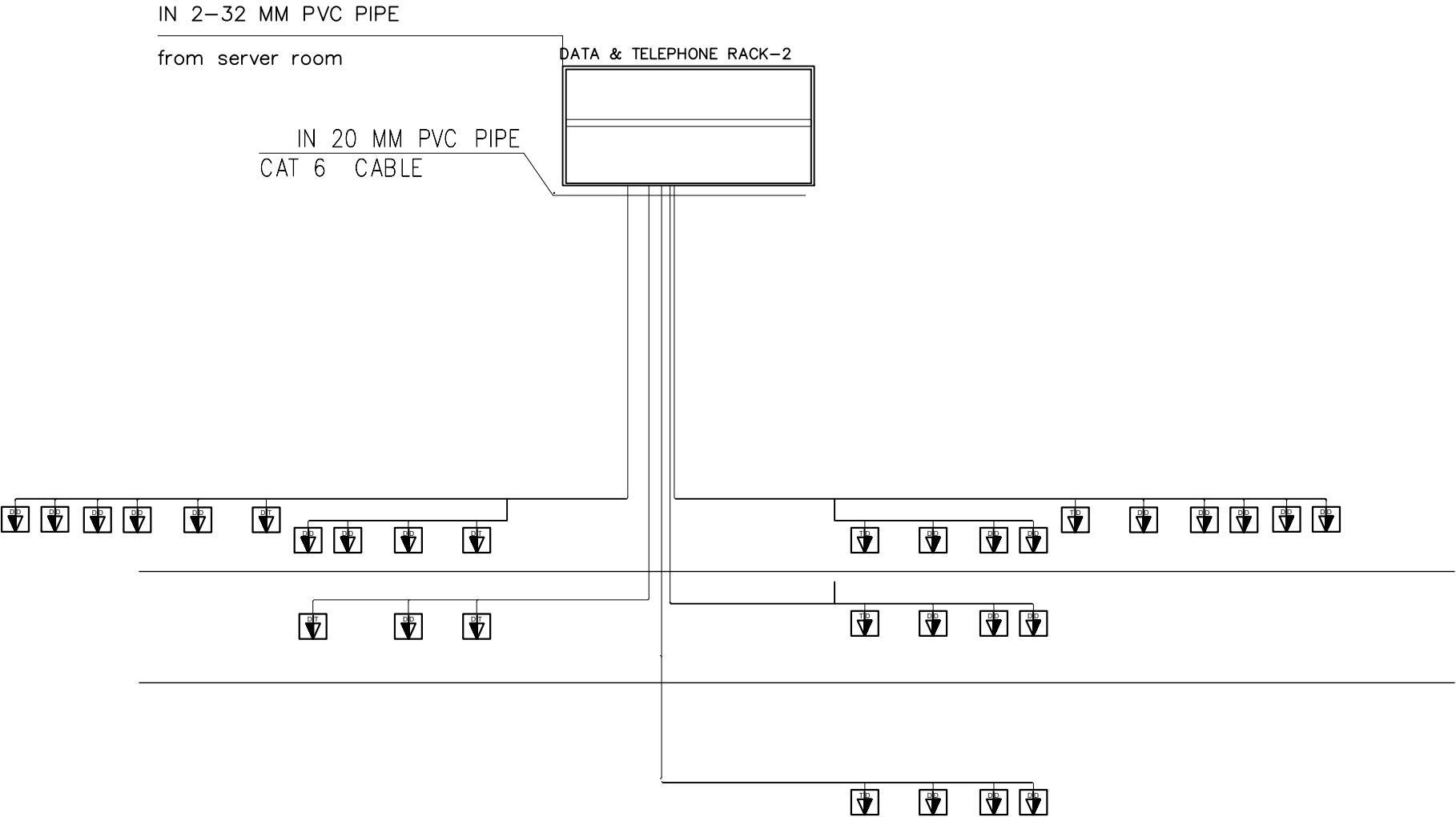
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TELEPHONE & DATA SYSTEM DIAGRAMS



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