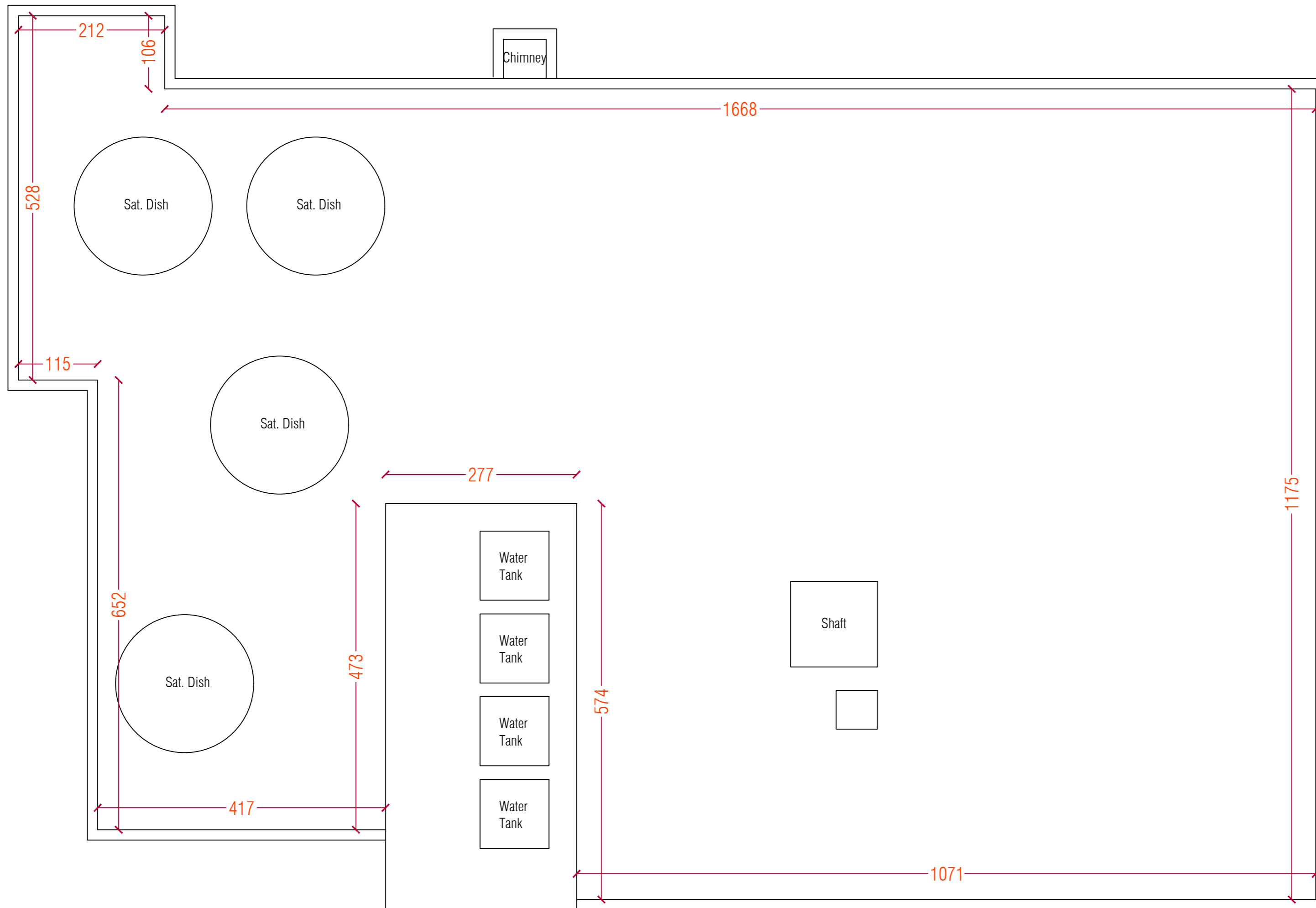
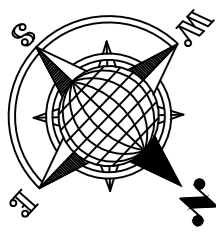
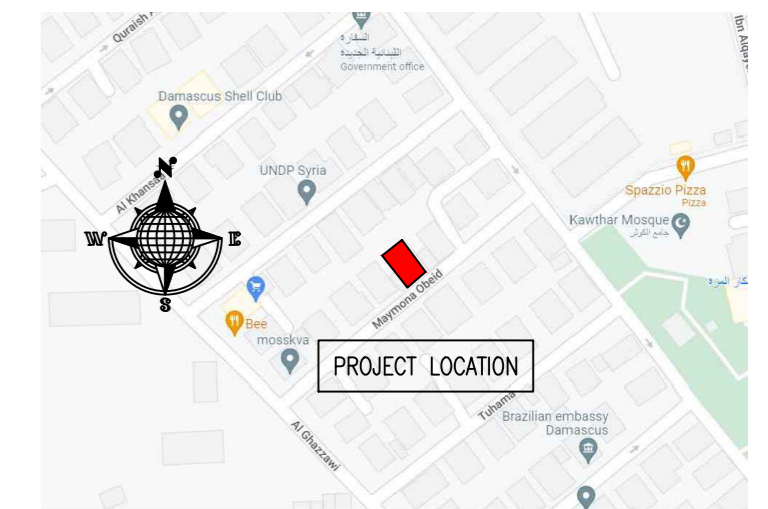


REHABILITATION OF THE NEW BUILDING OF UNFPA



KEY PLAN :



NOTES :

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6. DIMENSIONS ARE IN CENTIMETER UNLESS NOTED OTHERWISE.
7. DO NOT SCALE DRAWINGS.
8. THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.

CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

PROJECT NAME :

REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ROOF PLAN LAYOUT - AS_BUILT

DESIGNED BY:	S.R.	DRAWING NO. :	A-105
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	06/10/2022	REV NO. :	00



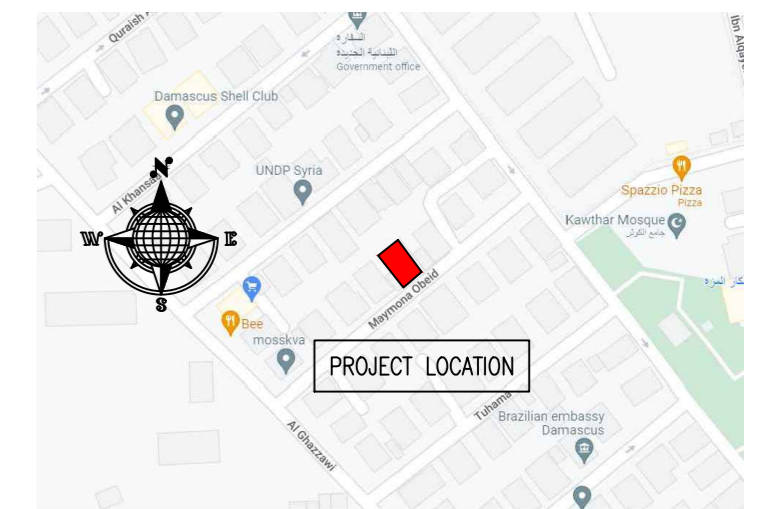
ROOF FLOOR SUMMARY

1 x WAREHOUSE

STAFF : NO

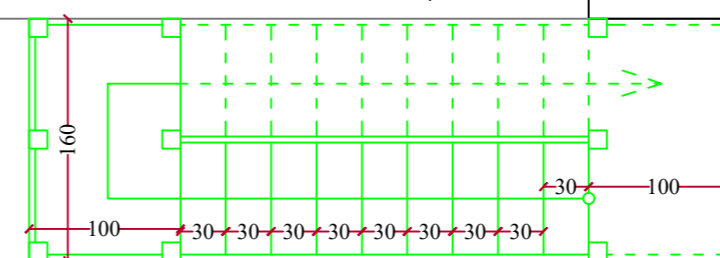
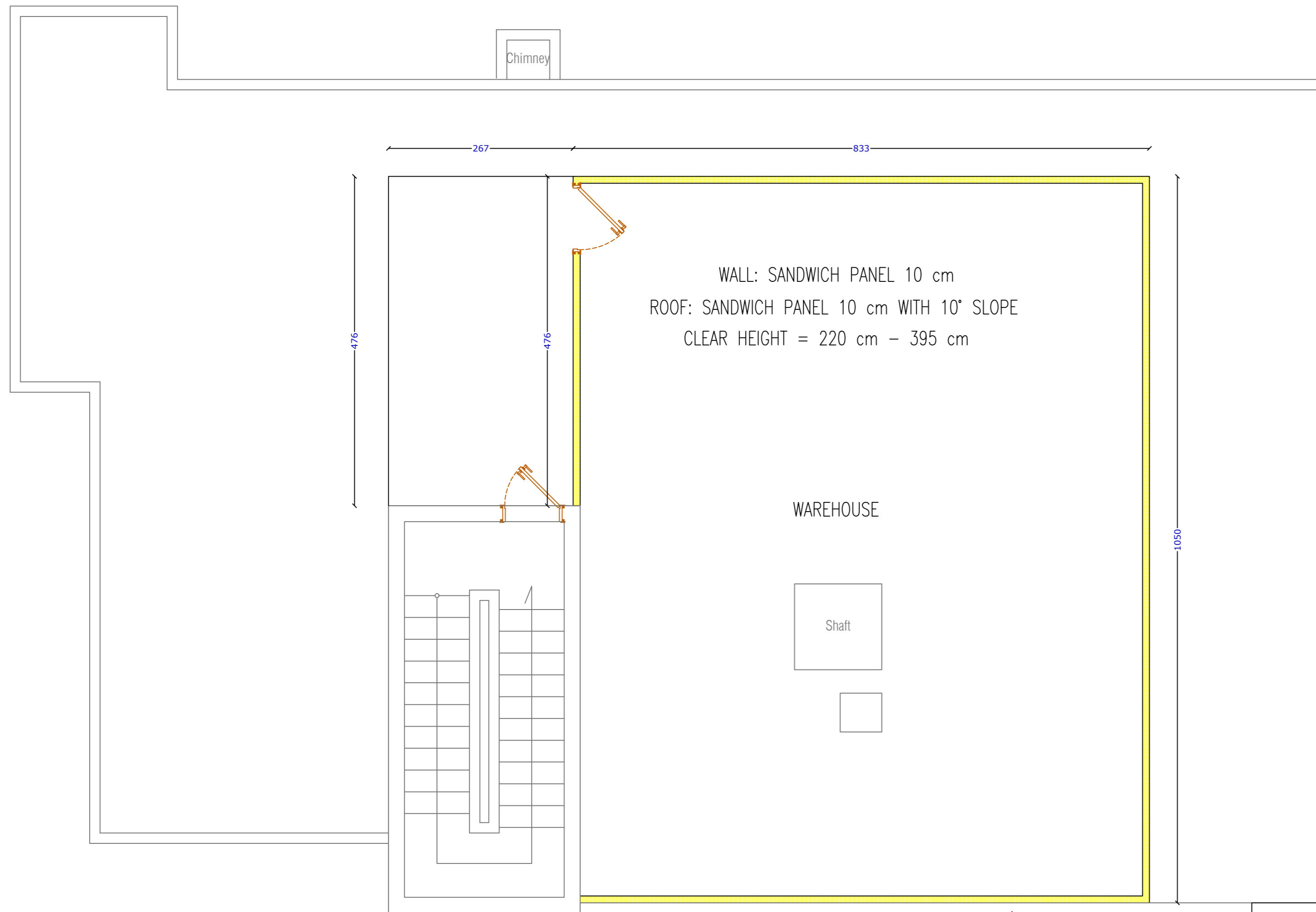
TOTAL GROSS FLOOR AREA = 87 m²

KEY PLAN :



NOTES :

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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

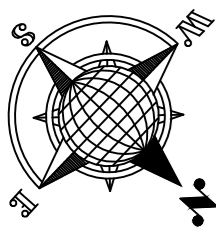
PROJECT NAME :

REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ROOF FLOOR PLAN
PROPOSED LAYOUT

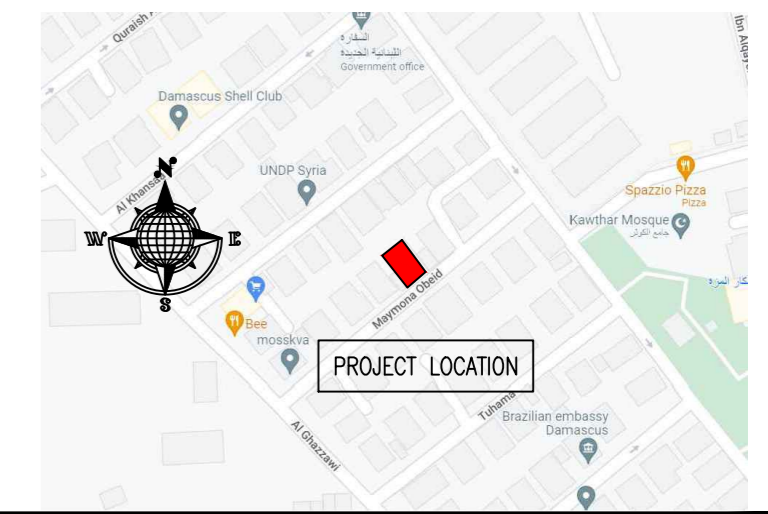
DESIGNED BY:	S.R.	DRAWING NO. :	A-111
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	06/10/2022	REV NO. :	00



TOP ROOF SUMMARY

SOLAR WATER HEATER 240 LITERS
 WATER TANKS WITH 4 M3 CAPACITY = 3 WATER TANKS
 TOTAL PV PANELS = 27 PANELS

KEY PLAN :



NOTES :

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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

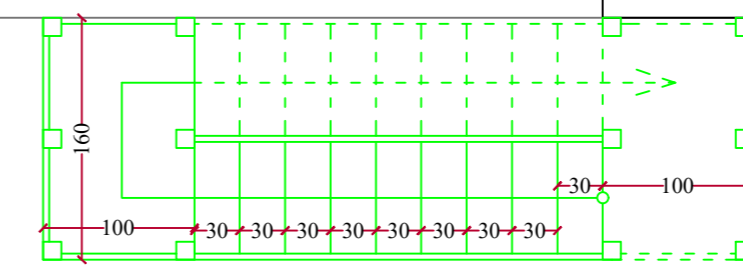
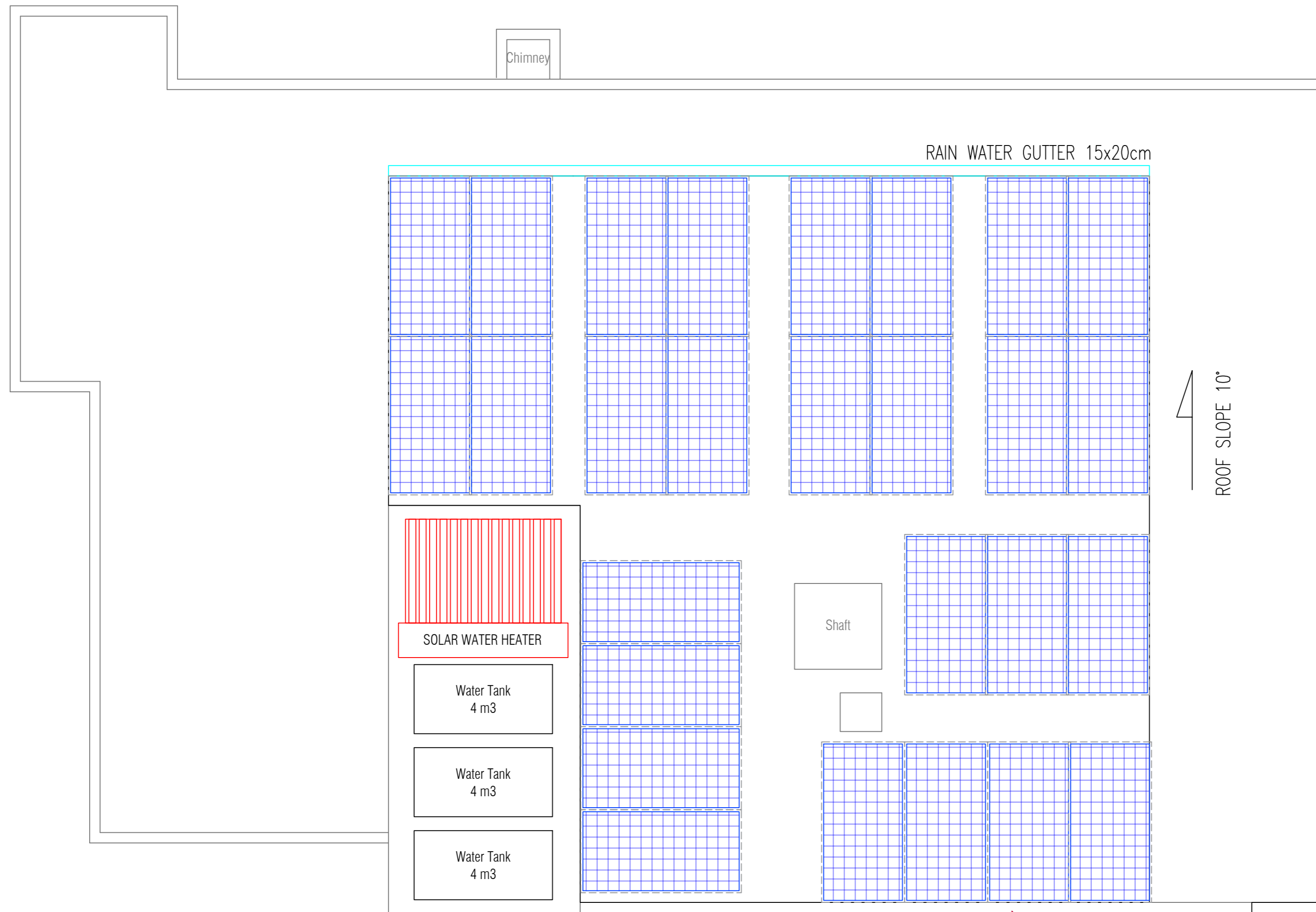
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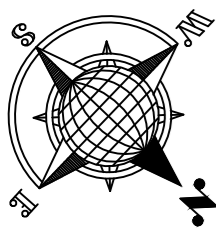
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

TOP ROOF FLOOR PLAN
PROPOSED LAYOUT

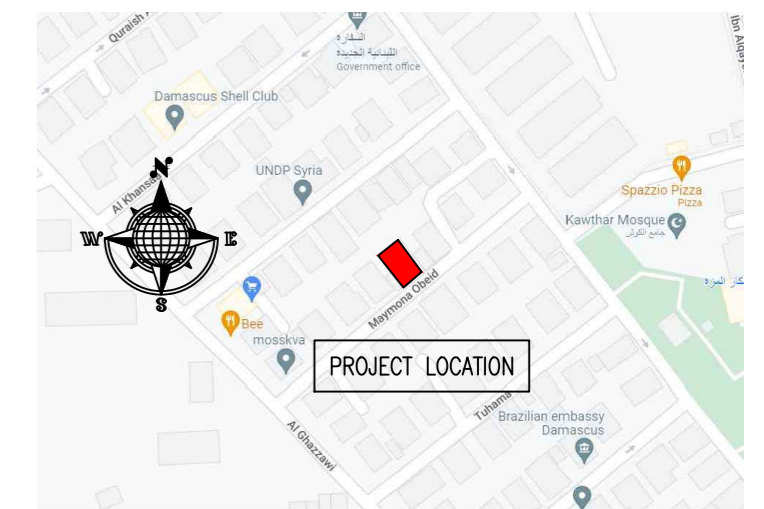
DESIGNED BY:	S.R.	DRAWING NO.:	A-112
APPROVED BY:	A.A.R.	SCALE:	1:50
DATE:	06/10/2022	REV NO.:	00





LEGEND			
SYMBOL	ABBREV.	DESCRIPTION	QTY
	S	SMOKE DETECTOR	5
	H	HEAT DETECTOR	-
	N/A	PUSH BUTTON ALARM	1
	SOUNDER	SOUNDER WITH STROBE LIGHT - WALL MOUNTED	1
	FP	FIRE PROOF CABLE	N/A
	FACP	FIRE ALARM CONTROL PANEL	-

KEY PLAN :



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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

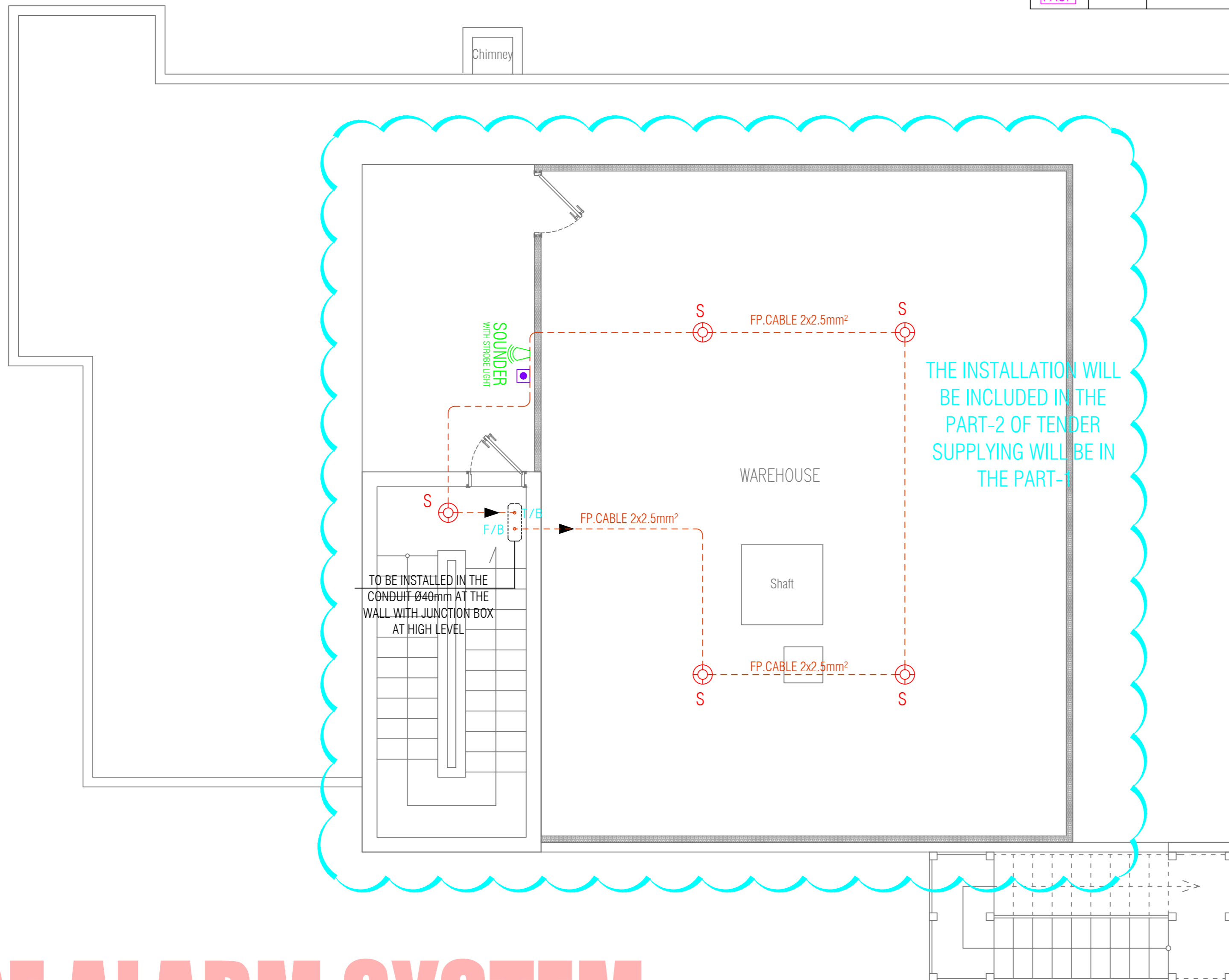
PROJECT NAME :

REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

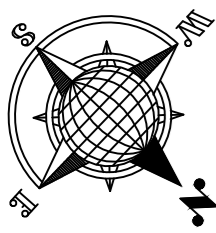
ROOF FLOOR PLAN
FIRE ALARM LAYOUT

DESIGNED BY:	S.R.	DRAWING NO. :	FA-105
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	06/10/2022	REV NO. :	00



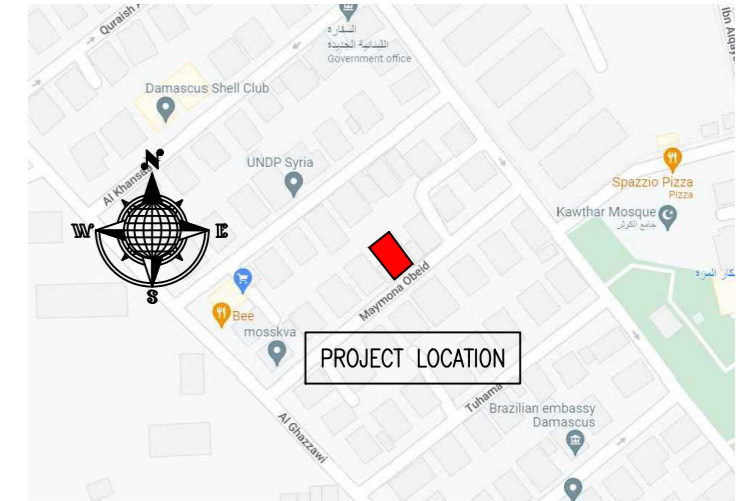
FIRE ALARM SYSTEM

ROOF FLOOR PLAN - PROPOSAL LAYOUT



LEGEND			
SYMBOL	ABBREV.	DESCRIPTION	QTY
	L1	SQUARE LED LIGHT RECESSED TYPE 24 W	19
	L2	SQUARE LED LIGHT SURFACE MOUNTED 12 W	-
	L3	CIRCULAR LED LIGHT SURFACE MOUNTED 6W	2
	L4	FLOOD LIGHT 50 W	7
	N/A	MANUAL SWITCH 1 GANGS	-
	N/A	MANUAL SWITCH 2 GANGS	1
	N/A	MANUAL SWITCH 3 GANGS	1
	N/A	ESCAPE SIGN	1
	N/A	EMERGENCY EXIT SIGN	1

KEY PLAN :



NOTES :

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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

PROJECT NAME :

REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

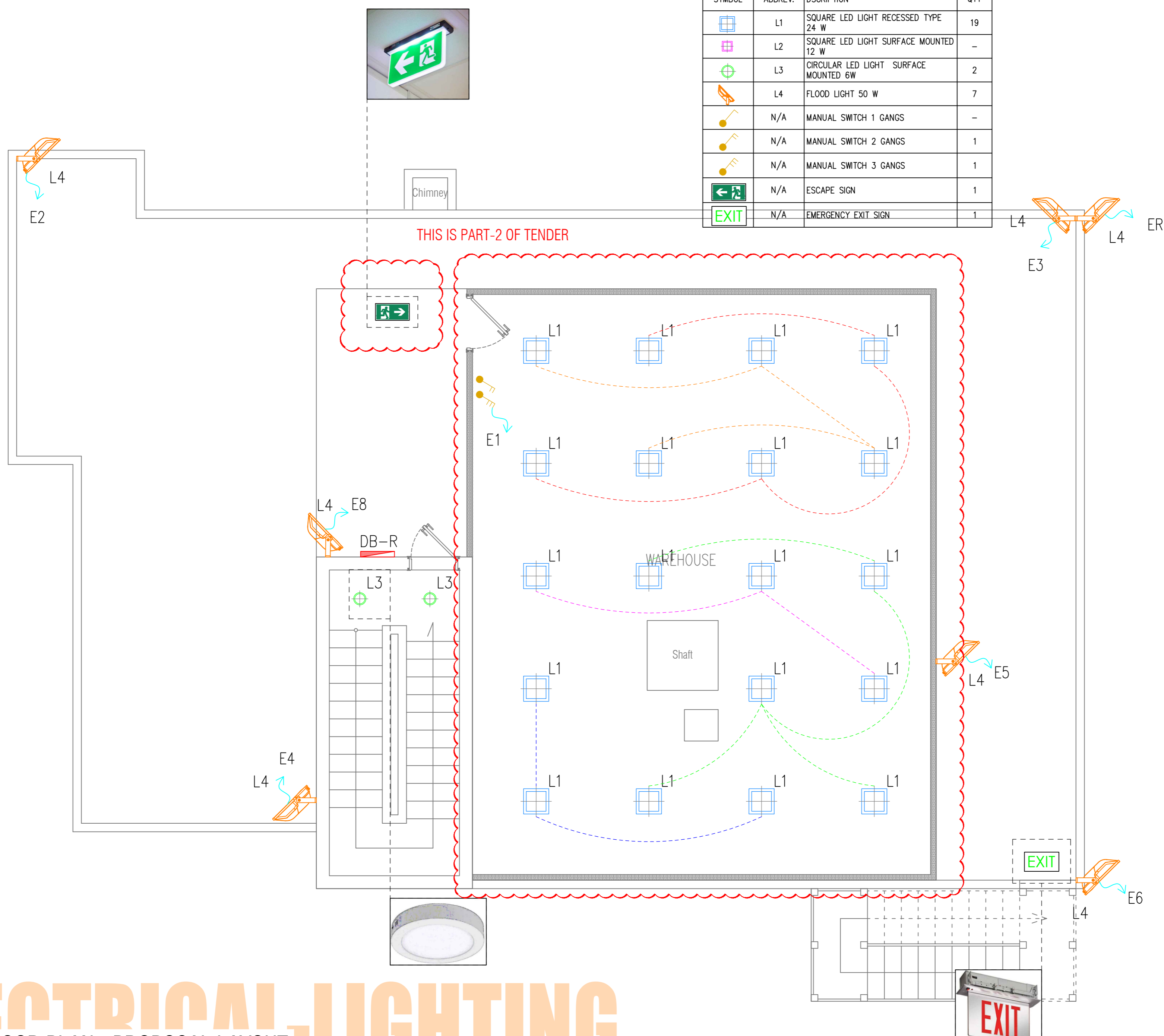
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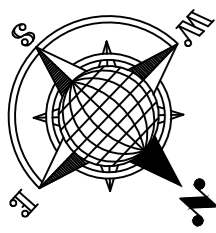
ROOF FLOOR PLAN
LIGHTING LAYOUT

DESIGNED BY:	S.R.	DRAWING NO.:	LT-105
APPROVED BY:	A.A.R.	SCALE:	1:50
DATE:	06/10/2022	REV NO.:	00

ELECTRICAL LIGHTING

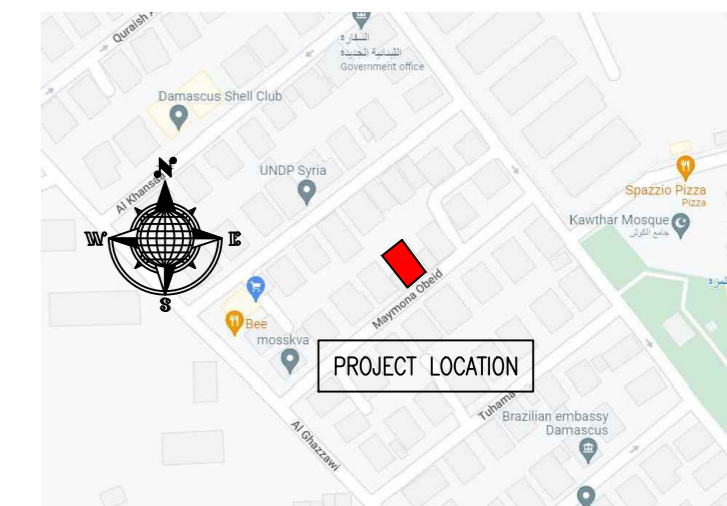
ROOF FLOOR PLAN - PROPOSAL LAYOUT





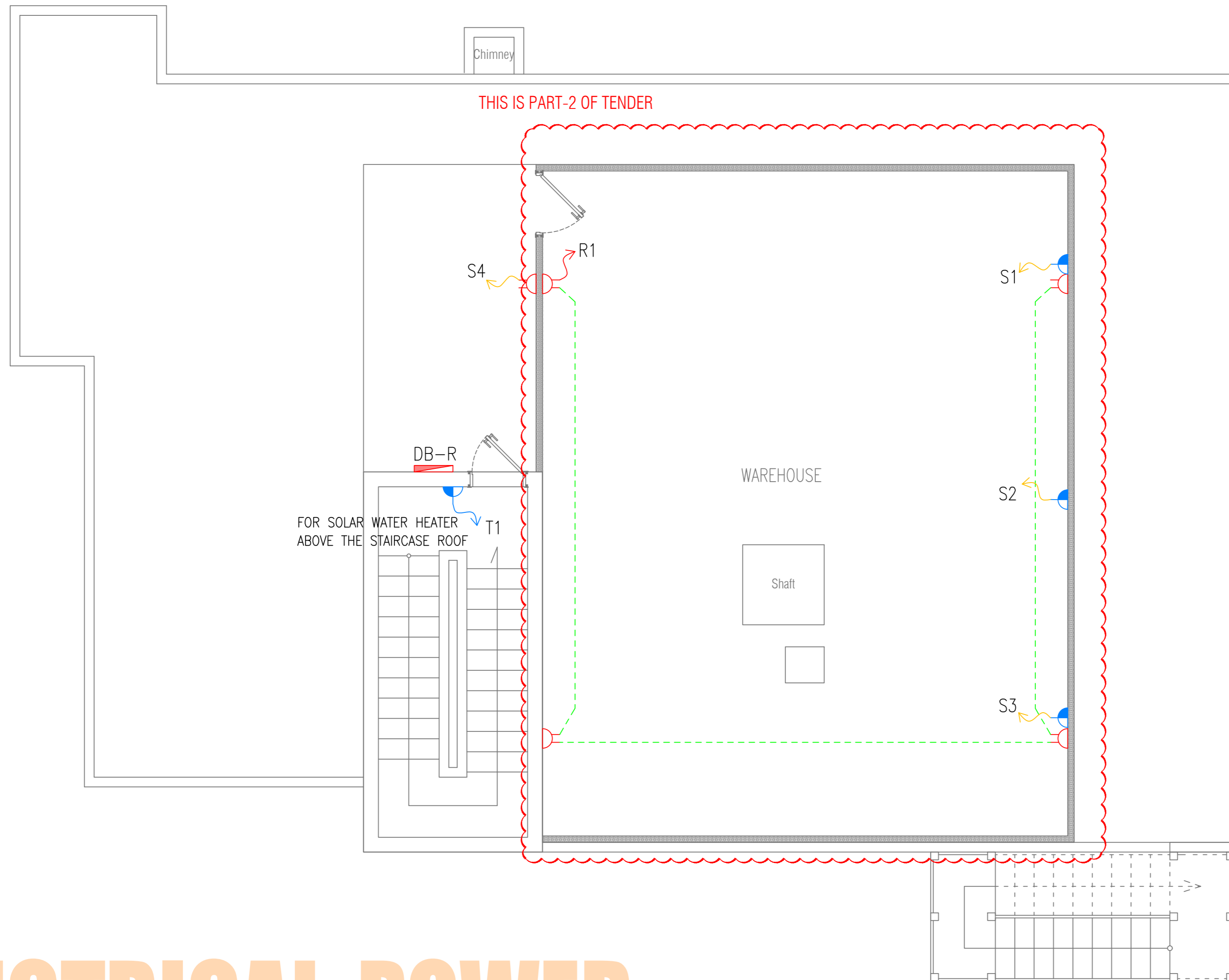
LEGEND			
SYMBOL	ABBREV.	DESCRIPTION	QTY
	N/A	SIMPLEX SOCKET, SCHUKO TYPE	-
	N/A	DUPLEX SOCKET, SCHUKO TYPE	5
	N/A	AC DISCONNECT	4
	N/A	POWER POINT	2
	DB	ELECTRICAL DISTRIBUTION BOARD	1

KEY PLAN :



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UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

PROJECT NAME :

REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

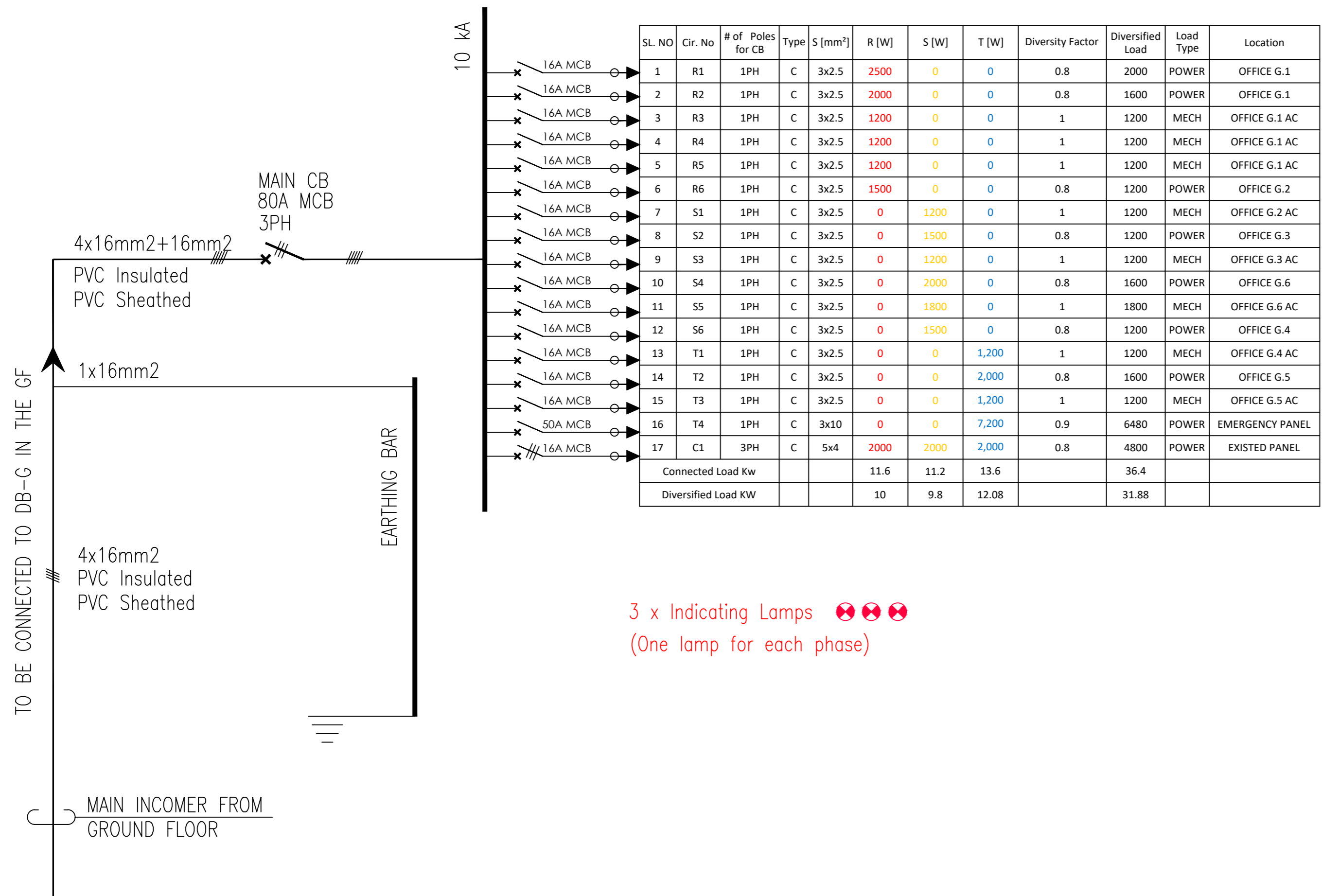
DRAWING TITLE :

ROOF FLOOR PLAN
POWER LAYOUT

DESIGNED BY:	S.R.	DRAWING NO. :	PO-105
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	06/10/2022	REV NO. :	00

ELECTRICAL-POWER
ROOF FLOOR PLAN - PROPOSAL LAYOUT

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM

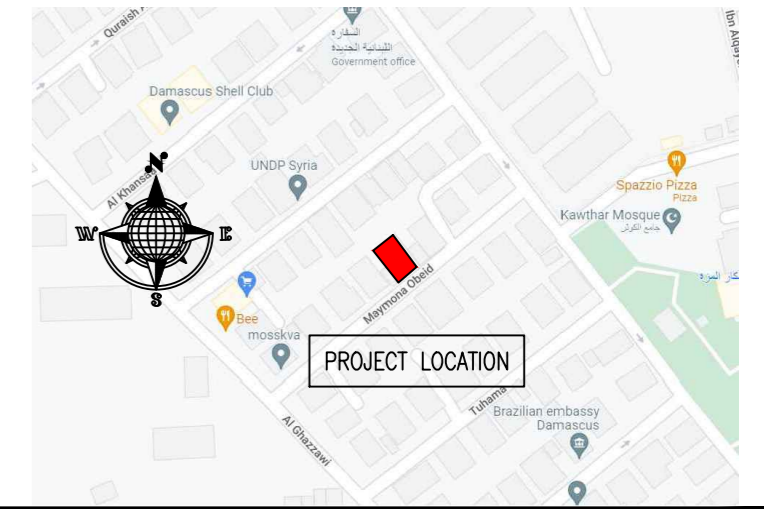


3 x Indicating Lamps (One lamp for each phase)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 Metal With Cover and Lock
 36 Modules
 IP40

Distribution Board - DB-G

KEY PLAN :



NOTES :

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CLIENT :



CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :

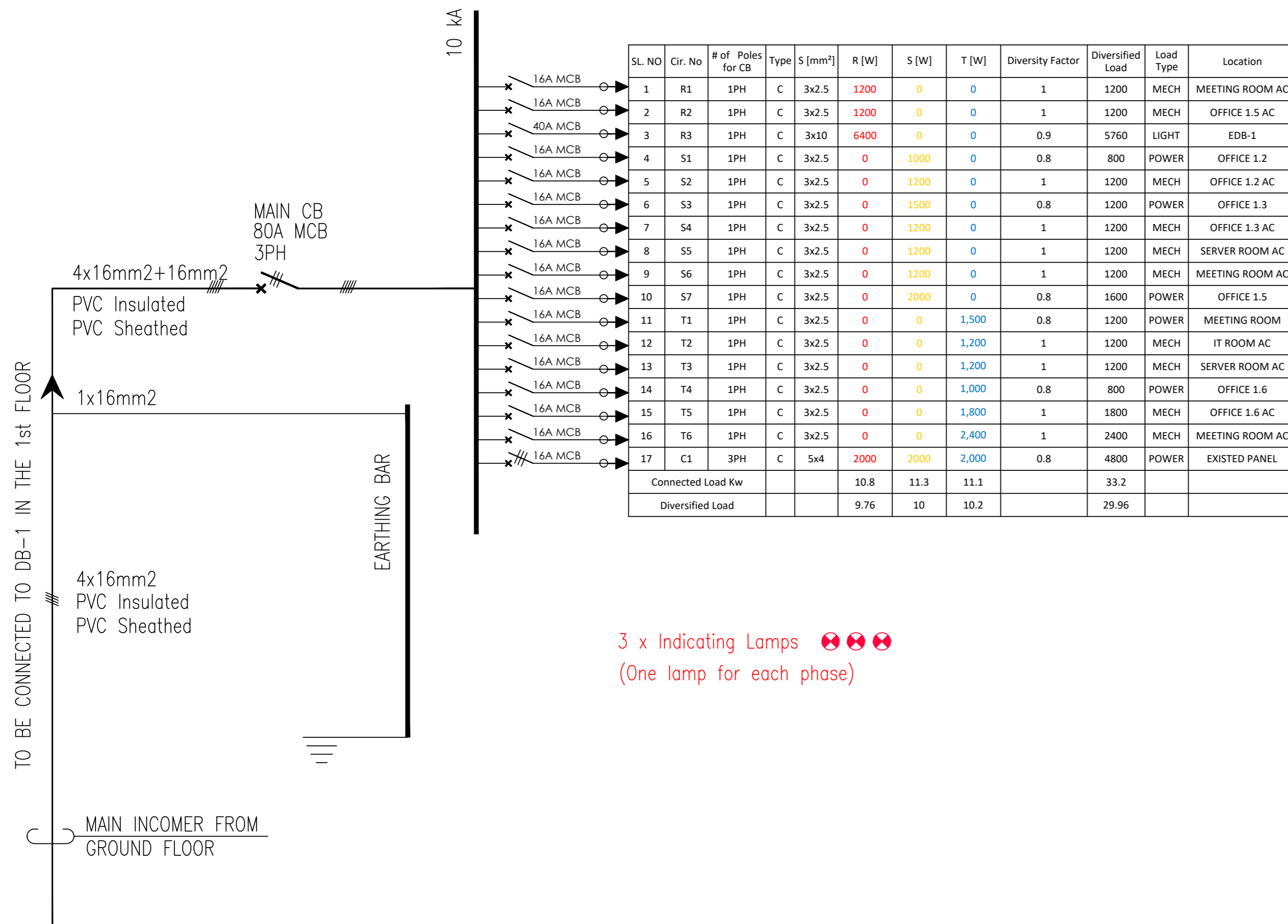
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-1

DESIGNED BY:	S.R.	DRAWING NO.:	PO-106
APPROVED BY:	A.A.R.	SCALE:	NTS
DATE:	06/10/2022	REV NO.:	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM

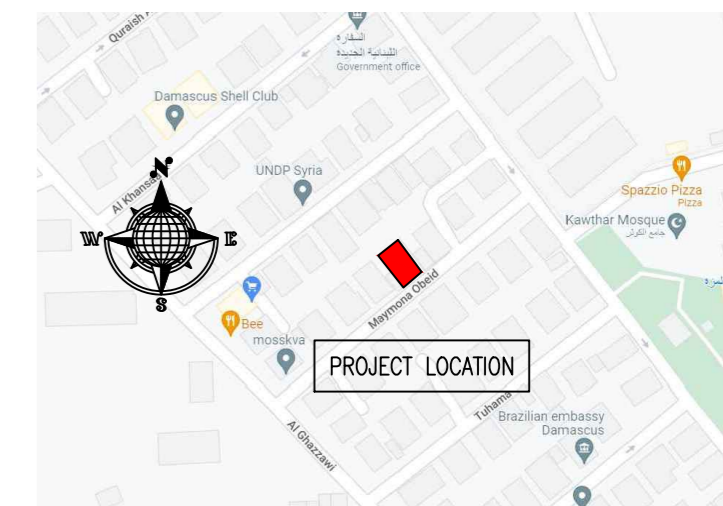


3 x Indicating Lamps (One lamp for each phase)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 Metal With Cover and Lock
 36 Modules
 IP40

Distribution Board - DB-1

KEY PLAN :



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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :

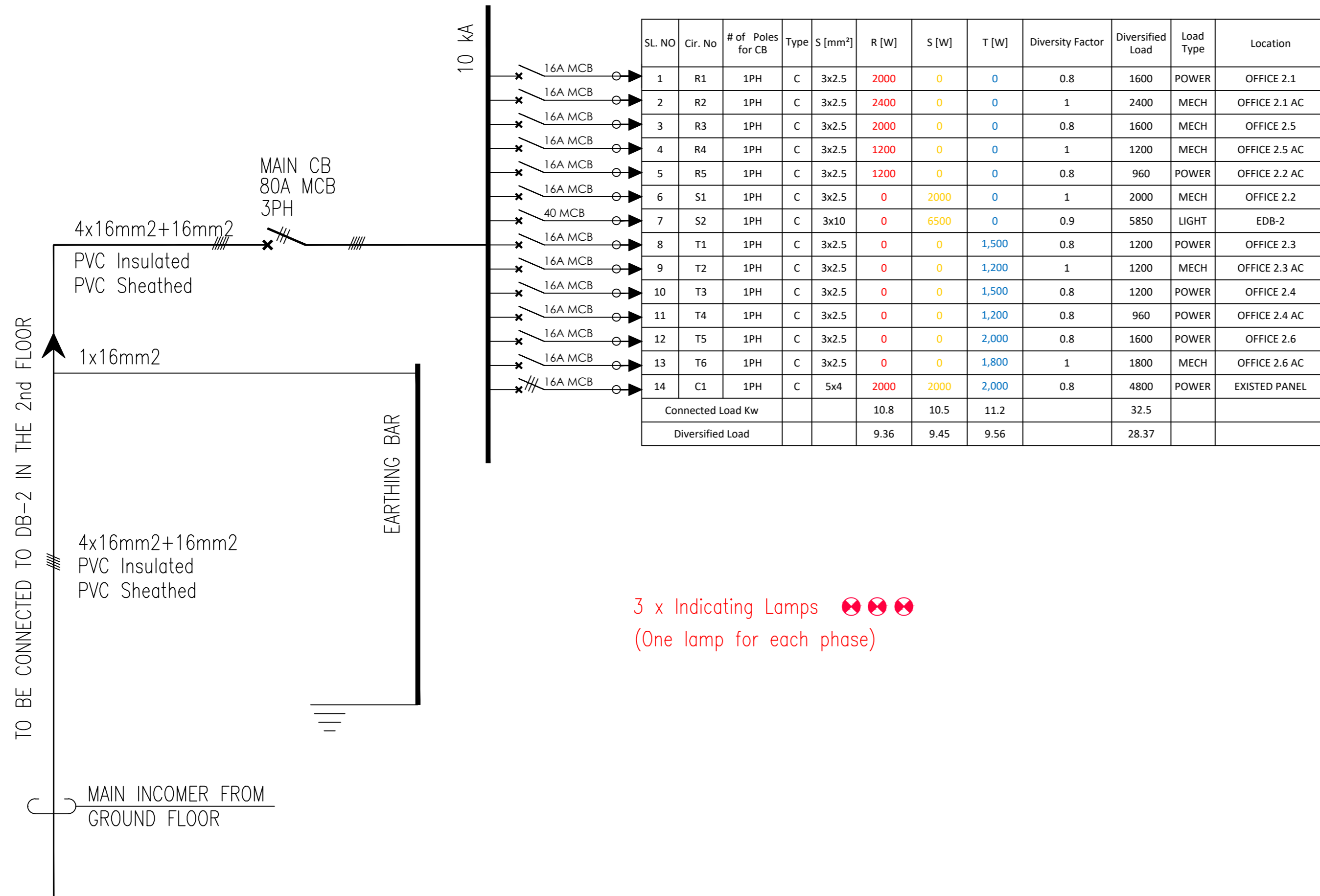
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-2

DESIGNED BY:	S.R.	DRAWING NO. :	PO-107
APPROVED BY:	A.A.R.	SCALE :	NTS
DATE:	06/10/2022	REV NO. :	00

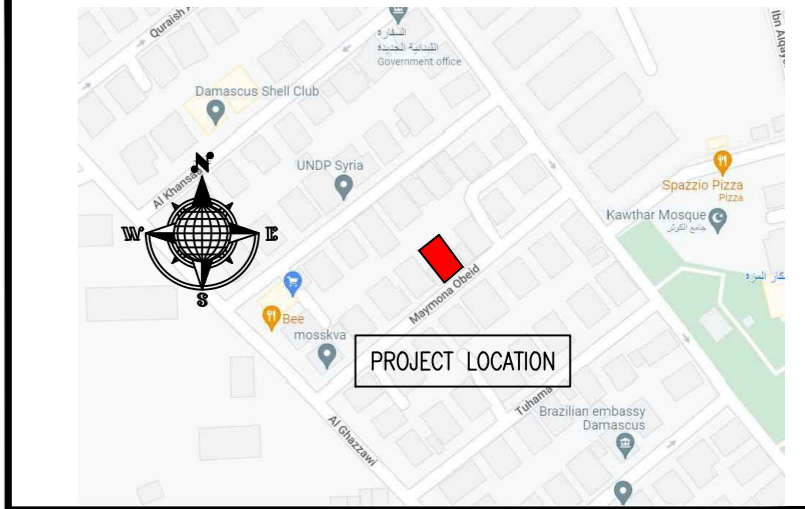
THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM



TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 Metal With Cover and Lock
 36 Modules
 IP40

Distribution Board - DB-2

KEY PLAN :



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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :

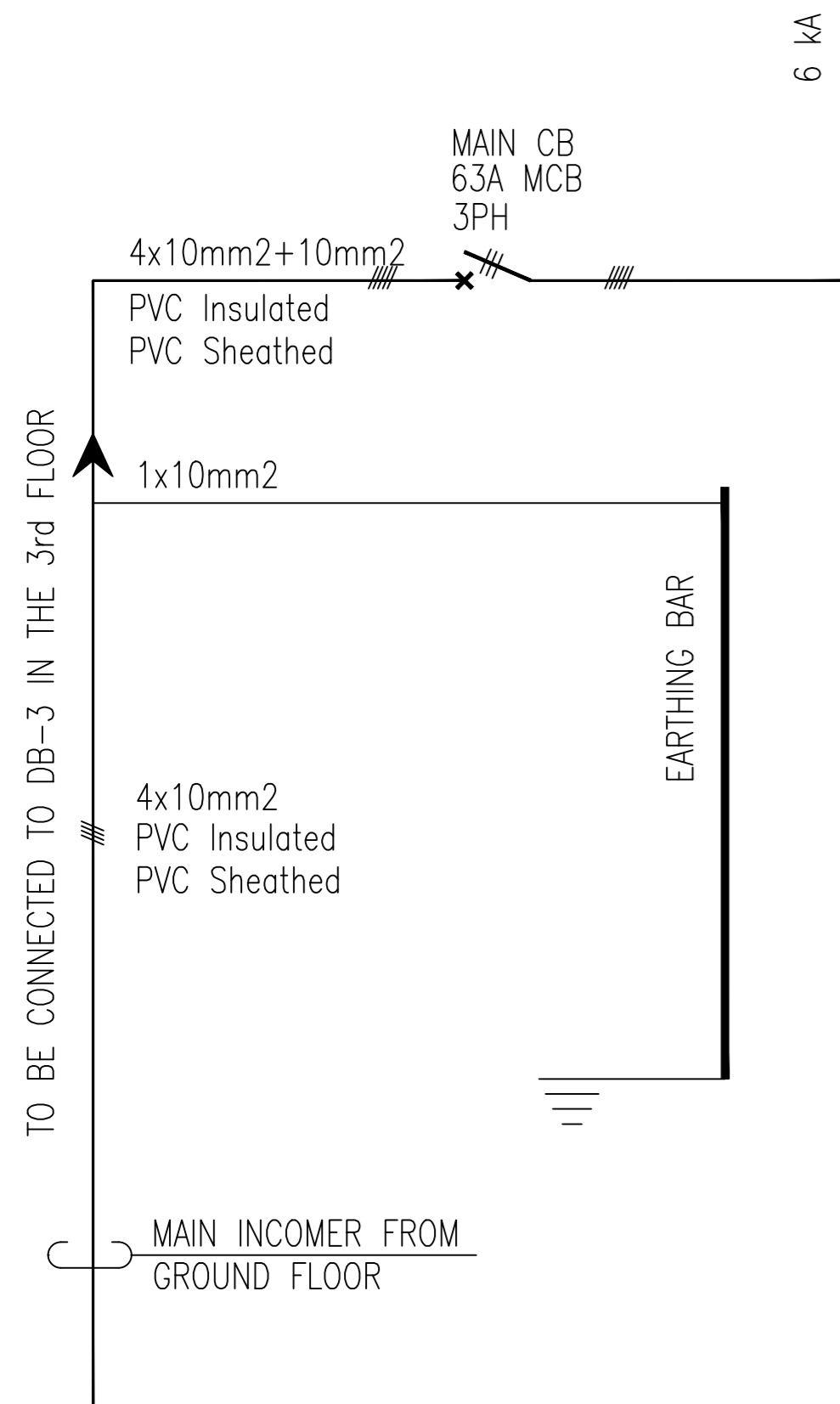
REHABILITATION OF THE NEW BUILDING OF
 UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-3

DESIGNED BY:	S.R.	DRAWING NO. :	PO-108
APPROVED BY:	A.A.R.	SCALE :	NTS
DATE:	06/10/2022	REV NO. :	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM

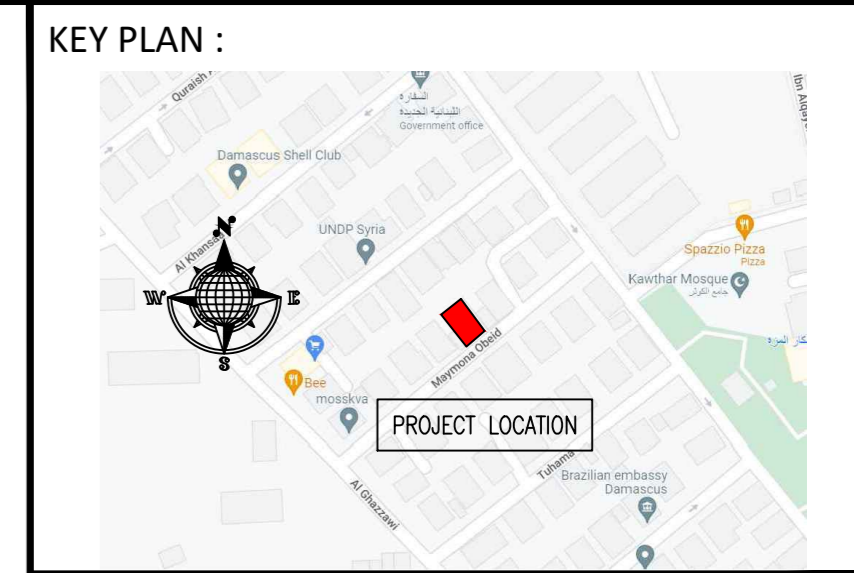


SL. NO	Cir. No	# of Poles for CB	Type	S [mm²]	R [W]	S [W]	T [W]	Diversity Factor	Diversified Load	Load Type	Location
1	R1	1PH	C	3x2.5	2000	0	0	0.8	1600	POWER	OFFICE 3.1
2	R2	1PH	C	3x2.5	1800	0	0	1	1800	MECH	OFFICE 3.1 AC
3	R3	1PH	C	3x2.5	2000	0	0	0.8	1600	POWER	OFFICE 3.5
4	S1	1PH	C	3x2.5	0	1200	0	1	1200	MECH	OFFICE 3.5 AC
5	S2	1PH	C	3x2.5	0	2000	0	0.8	1600	POWER	OFFICE 3.2
6	S3	1PH	C	3x2.5	0	1200	0	1	1200	MECH	OFFICE 3.2 AC
7	S4	1PH	C	3x2.5	0	1500	0	0.8	1200	POWER	OFFICE 3.3
8	S5	1PH	C	3x2.5	0	1200	0	1	1200	MECH	OFFICE 3.3 AC
9	T1	1PH	C	3x2.5	0	0	1,500	0.8	1200	POWER	OFFICE 2.4
10	T2	1PH	C	3x2.5	0	0	1,200	1	1200	MECH	OFFICE 2.4 AC
11	T3	1PH	C	3x2.5	0	0	2,000	0.8	1600	POWER	OFFICE 2.6
12	T4	1PH	C	3x2.5	0	0	1,800	1	1800	MECH	OFFICE 2.6 AC
13	C1	3PH	C	5x4	2000	2000	2,000	0.8	4800	POWER	EXISTED PANEL
Connected Load Kw					7.8	9.1	8.5		25.4		
Diversified Load					6.6	8	7.4		22		

3 x Indicating Lamps (One lamp for each phase)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 Metal With Cover and Lock
 36 Modules
 IP40

Distribution Board - DB-3



- NOTES :
- WHERE DOCUMENTS ARE REFERENCED IN THE GENERAL AND DESIGN NOTES, THEY SHALL BE THE LATEST EDITIONS, UNLESS OTHERWISE NOTED OR SHOWN.
 - READ ALL THE DRAWINGS IN CONJUNCTION WITH SEPARATELY BOUND SPECIFICATIONS AND ALL OTHER CONTRACT DOCUMENTS.
 - BEFORE PROCEEDING WITH WORK, CHECK ALL THE DIMENSIONS SHOWN ON THE DRAWINGS AGAINST OTHER DISCIPLINES SUCH AS ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND EXISTING SITE CONDITIONS. REPORT INCONSISTENCIES TO CONSULTANT BEFORE PROCEEDING WITH THE WORK.
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 - VERIFY AND OBTAIN PRIOR APPROVAL OF DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, SLOTS, TRENCHES AND ELECTRICAL FLOOR DUCTS AS REQUIRED BY OTHER TRADES.
 - DIMENSIONS ARE IN CENTIMETER UNLESS NOTED OTHERWISE.
 - DO NOT SCALE DRAWINGS.
 - THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.

CLIENT :

UNITED NATIONS POPULATION FUND

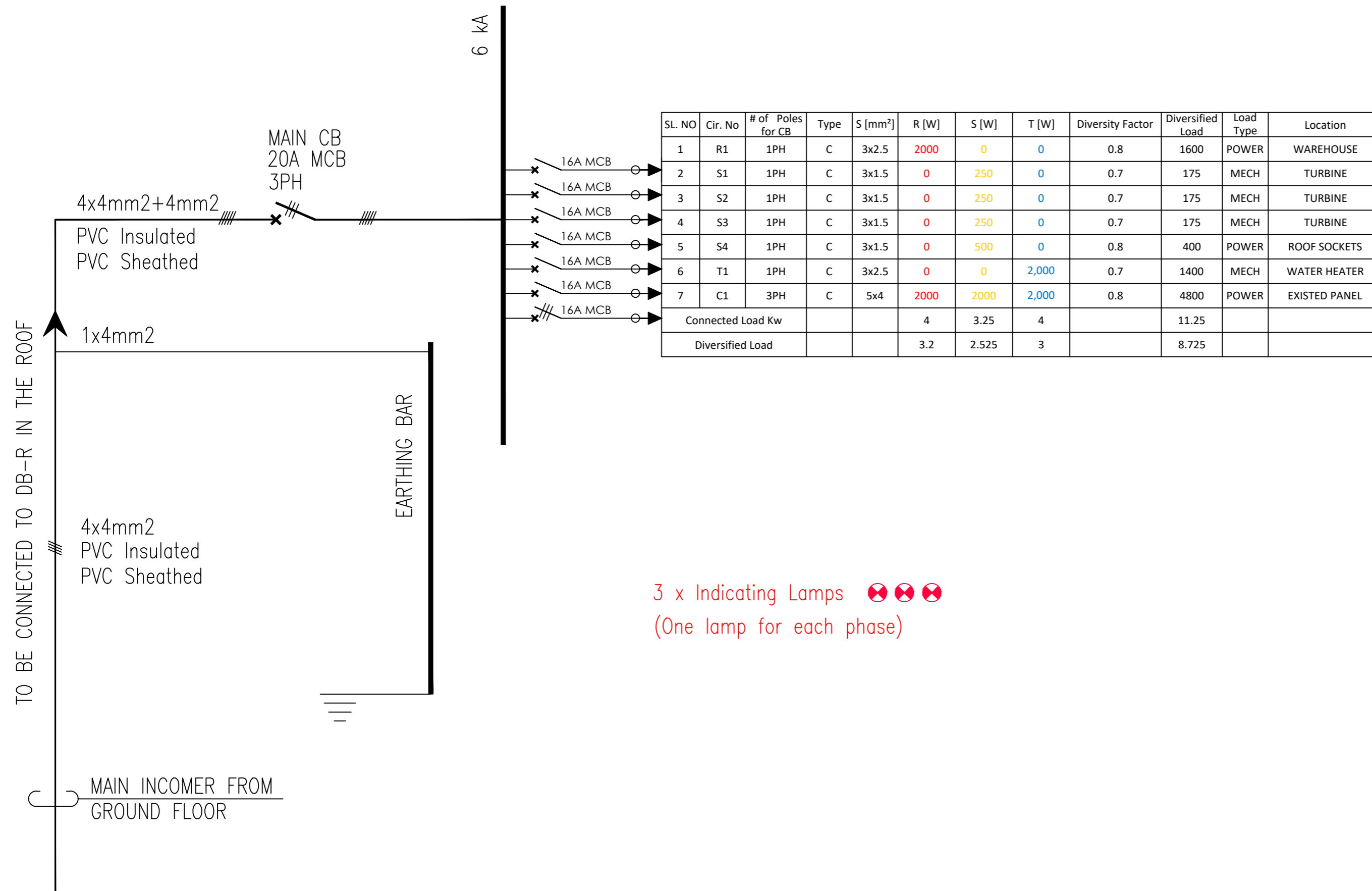
CONSULTANT :
ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :
 REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :
ELECTRICAL LOAD SCHEDULE-4

DESIGNED BY:	S.R.	DRAWING NO. :	PO-109
APPROVED BY:	A.A.R.	SCALE :	NTS
DATE:	06/10/2022	REV NO. :	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM

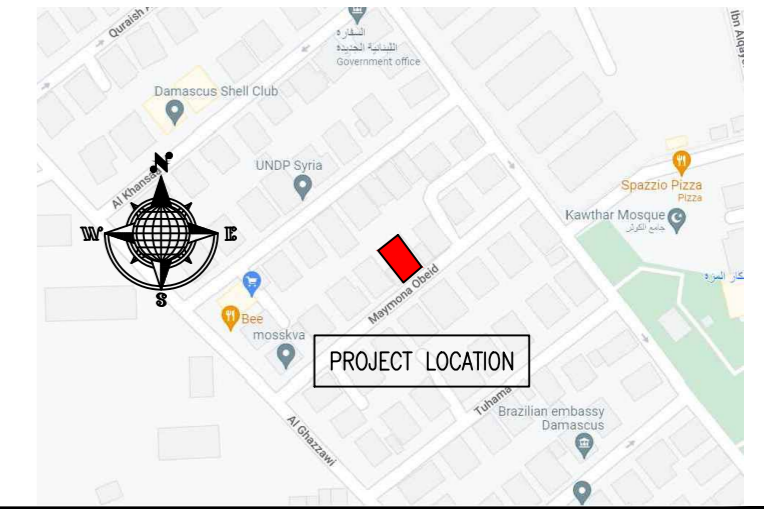


3 x Indicating Lamps (One lamp for each phase)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
Flush-mounted Type
24 Modules
IP40

Distribution Board - DB-R

KEY PLAN :



NOTES :

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- THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.

CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

PROJECT NAME :

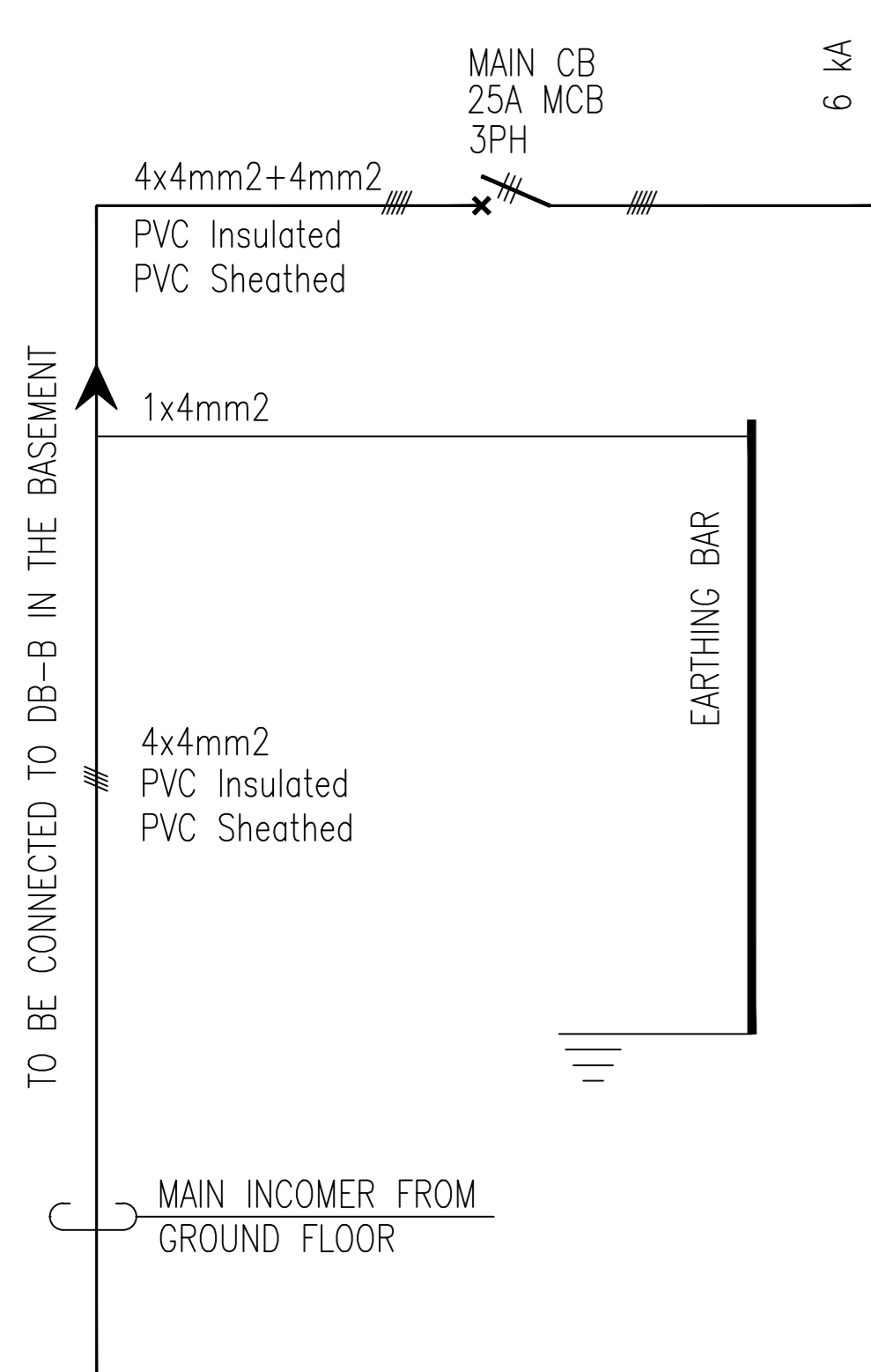
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-5

DESIGNED BY:	S.R.	DRAWING NO.:	PO-110
APPROVED BY:	A.A.R.	SCALE:	NTS
DATE:	06/10/2022	REV NO.:	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM



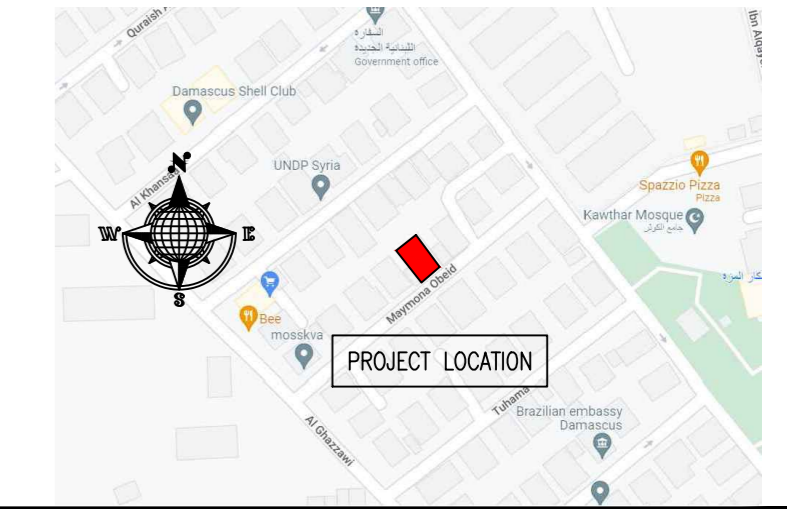
SL. NO	Cir. No	# of Poles for CB	Type	S [mm²]	R [W]	S [W]	T [W]	Diversity Factor	Diversified Load	Load Type	Location
1	R1	1PH	C	3x2.5	500	0	0	0.8	400	POWER	STORE
2	S1	1PH	C	3x2.5	0	1200	0	1	1200	MECH	PRAYING ROOM AC
3	T1	1PH	C	3x2.5	0	0	1200	1	1200	MECH	PRAYING ROOM AC
4	C1	3 Ph	C	5x4	2000	2000	2,000	0.8	4800	POWER	EXISTED PANEL
Connected Load Kw					2.5	3.2	3.2		8.9		
Diversified Load					2	2.8	2.8		7.6		

3 x Indicating Lamps (One lamp for each phase)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
Flush-mounted Type
24 Modules
IP40

Distribution Board - DB-B

KEY PLAN :



NOTES :

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- THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.

CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

PROJECT NAME :

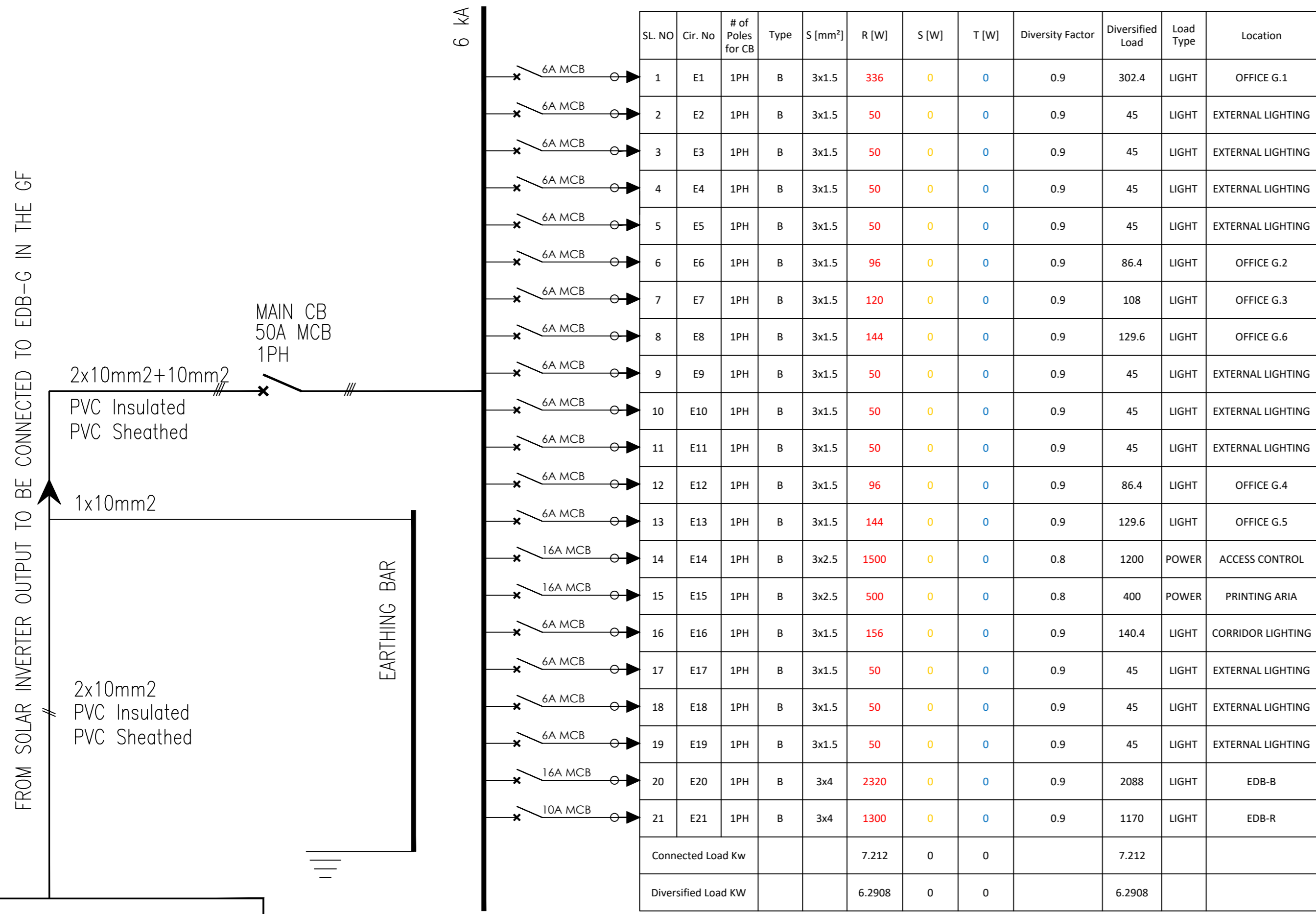
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-6

DESIGNED BY:	S.R.	DRAWING NO. :	PO-111
APPROVED BY:	A.A.R.	SCALE :	NTS
DATE:	06/10/2022	REV NO. :	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM

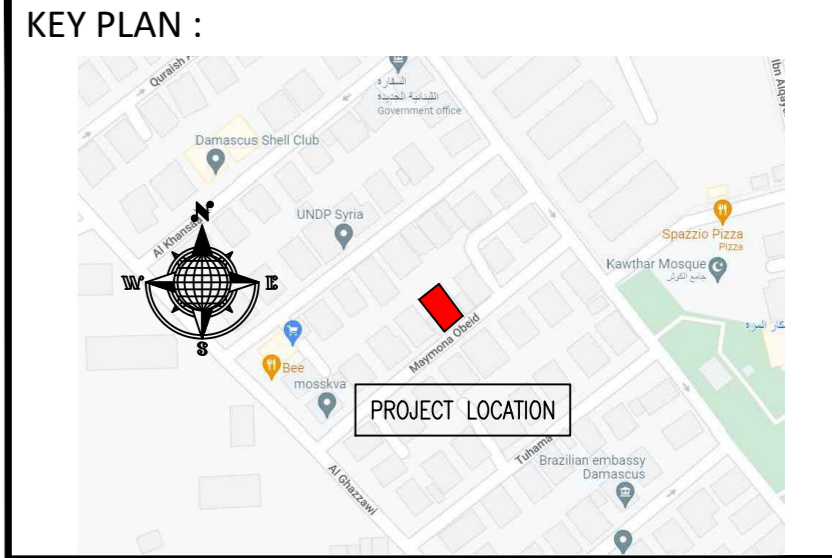


SL. NO	Cir. No	# of Poles for CB	Type	S [mm ²]	R [W]	S [W]	T [W]	Diversity Factor	Diversified Load	Load Type	Location
1	E1	1PH	B	3x1.5	336	0	0	0.9	302.4	LIGHT	OFFICE G.1
2	E2	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
3	E3	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
4	E4	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
5	E5	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
6	E6	1PH	B	3x1.5	96	0	0	0.9	86.4	LIGHT	OFFICE G.2
7	E7	1PH	B	3x1.5	120	0	0	0.9	108	LIGHT	OFFICE G.3
8	E8	1PH	B	3x1.5	144	0	0	0.9	129.6	LIGHT	OFFICE G.6
9	E9	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
10	E10	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
11	E11	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
12	E12	1PH	B	3x1.5	96	0	0	0.9	86.4	LIGHT	OFFICE G.4
13	E13	1PH	B	3x1.5	144	0	0	0.9	129.6	LIGHT	OFFICE G.5
14	E14	1PH	B	3x2.5	1500	0	0	0.8	1200	POWER	ACCESS CONTROL
15	E15	1PH	B	3x2.5	500	0	0	0.8	400	POWER	PRINTING ARIA
16	E16	1PH	B	3x1.5	156	0	0	0.9	140.4	LIGHT	CORRIDOR LIGHTING
17	E17	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
18	E18	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
19	E19	1PH	B	3x1.5	50	0	0	0.9	45	LIGHT	EXTERNAL LIGHTING
20	E20	1PH	B	3x4	2320	0	0	0.9	2088	LIGHT	EDB-B
21	E21	1PH	B	3x4	1300	0	0	0.9	1170	LIGHT	EDB-R
Connected Load Kw					7.212	0	0		7.212		
Diversified Load KW					6.2908	0	0		6.2908		

2 x Indicating Lamps (One lamp for Input Power And The Other is For Output Power)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 Metal With Cover and Lock
 36 Modules
 IP40
EMERGENCY Distribution Board - EDB-G

ELECTRICAL-POWER
 DISTRIBUTION BOARDS SCHEDULES



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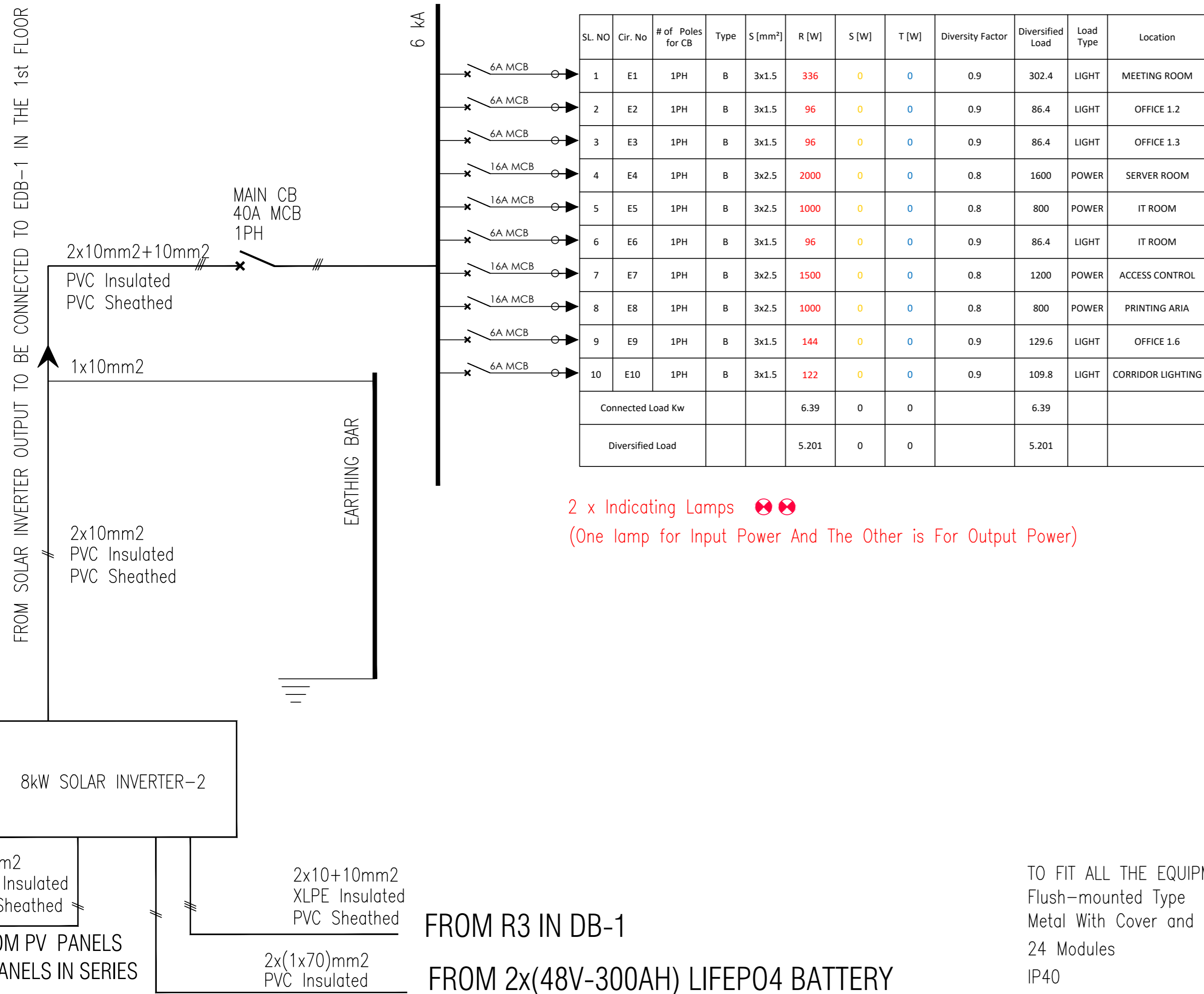
CONSULTANT :
ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :
 REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :
 ELECTRICAL LOAD SCHEDULE-7

DESIGNED BY:	S.R.	DRAWING NO.:	PO-112
APPROVED BY:	A.A.R.	SCALE:	NTS
DATE:	06/10/2022	REV NO.:	00

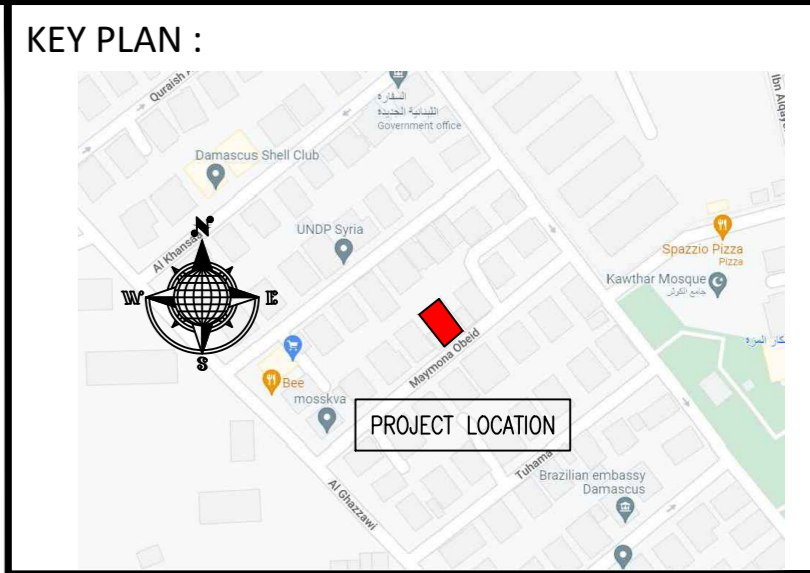
THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM



2 x Indicating Lamps (One lamp for Input Power And The Other is For Output Power)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 Metal With Cover and Lock
 24 Modules
 IP40
EMERGENCY Distribution Board - EDB-1

ELECTRICAL-POWER
 DISTRIBUTION BOARDS SCHEDULES



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CONSULTANT :
ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

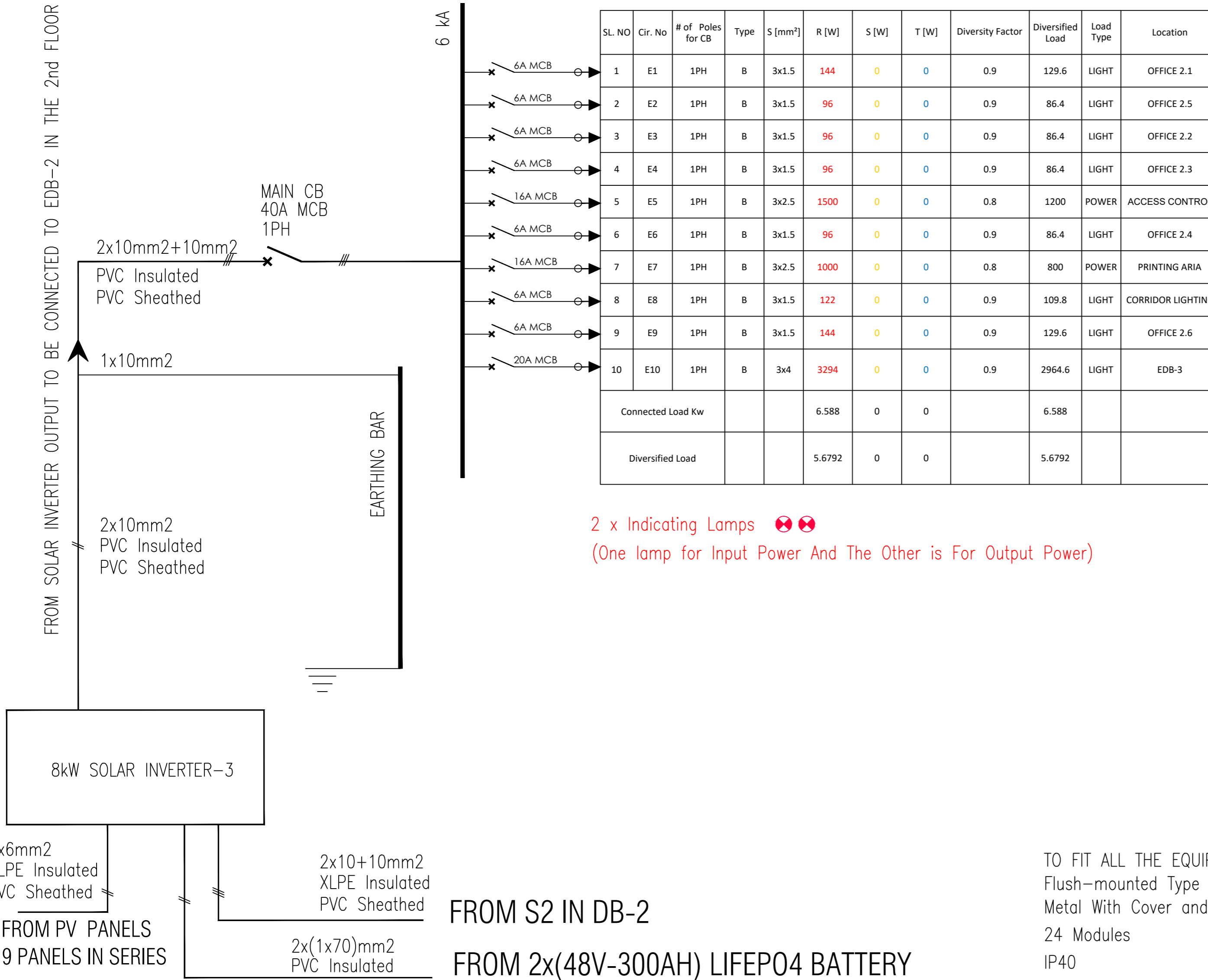
PROJECT NAME :
 REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :
 ELECTRICAL LOAD SCHEDULE-8

DESIGNED BY:	S.R.	DRAWING NO.:	PO-113
APPROVED BY:	A.A.R.	SCALE:	NTS
DATE:	06/10/2022	REV NO.:	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM

FROM SOLAR INVERTER OUTPUT TO BE CONNECTED TO EDB-2 IN THE 2nd FLOOR

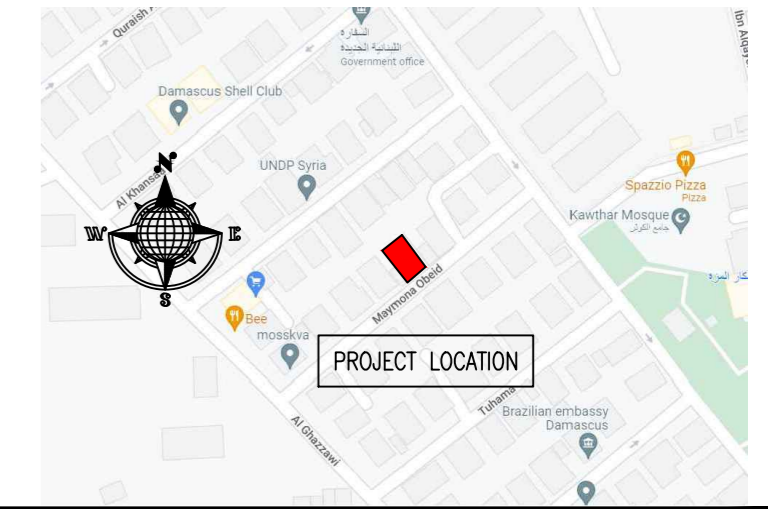


2 x Indicating Lamps (One lamp for Input Power And The Other is For Output Power)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 Metal With Cover and Lock
 24 Modules
 IP40
EMERGENCY Distribution Board - EDB-2

ELECTRICAL-POWER
 DISTRIBUTION BOARDS SCHEDULES

KEY PLAN :



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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :

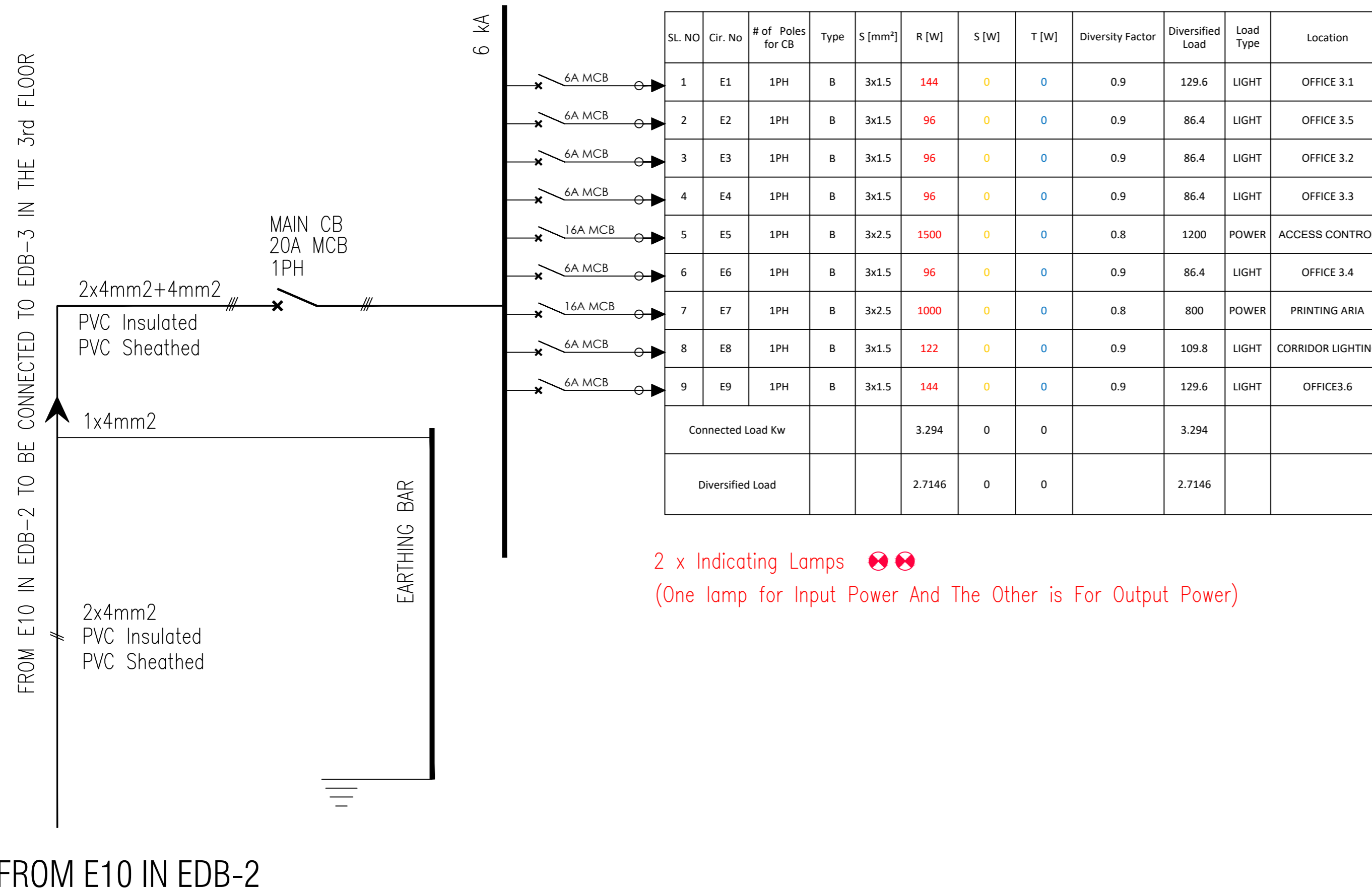
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-8

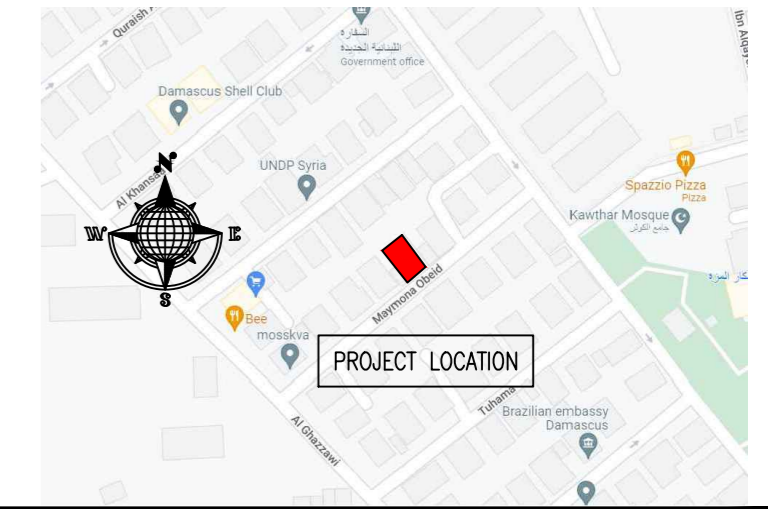
DESIGNED BY:	S.R.	DRAWING NO.:	PO-114
APPROVED BY:	A.A.R.	SCALE:	NTS
DATE:	06/10/2022	REV NO.:	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM



TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 Metal With Cover and Lock
 24 Modules
 IP40
EMERGENCY Distribution Board - EDB-3

KEY PLAN :



NOTES :

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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :

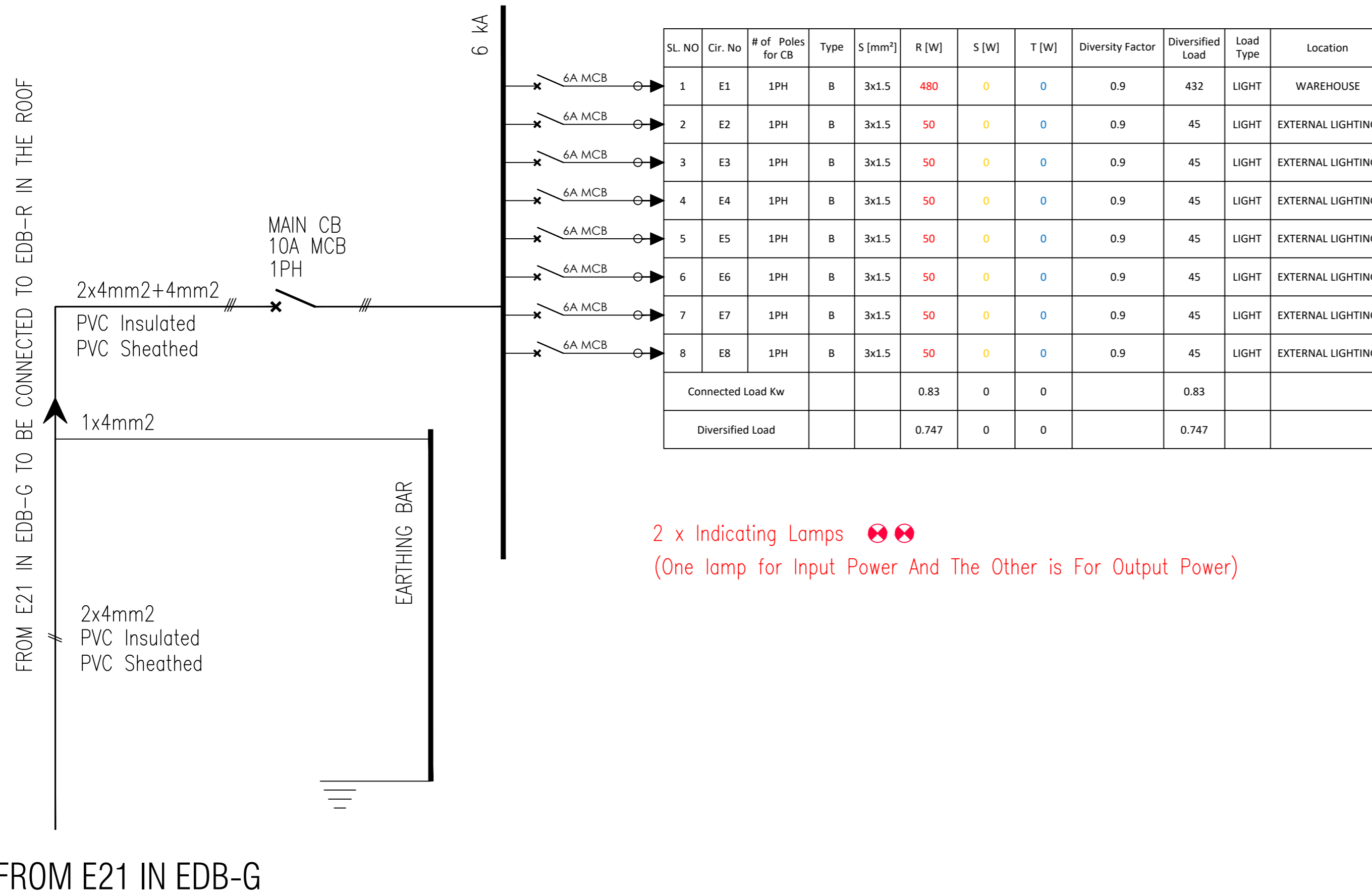
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-9

DESIGNED BY:	S.R.	DRAWING NO.:	PO-115
APPROVED BY:	A.A.R.	SCALE:	NTS
DATE:	06/10/2022	REV NO.:	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM



2 x Indicating Lamps (One lamp for Input Power And The Other is For Output Power)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 24 Modules
 IP40

EMERGENCY Distribution Board - EDB-R

KEY PLAN :



NOTES :

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- THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.

CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :

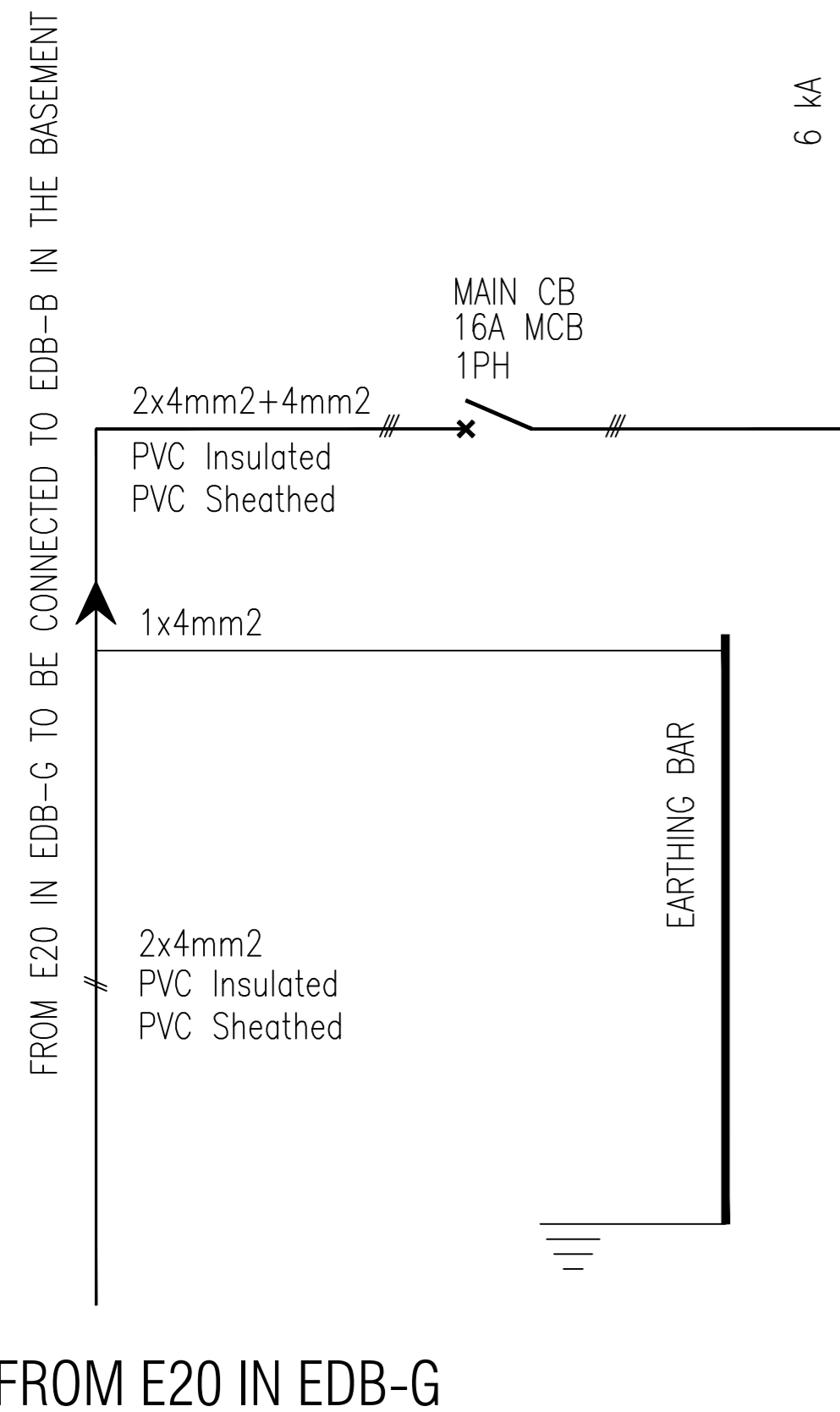
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-10

DESIGNED BY:	S.R.	DRAWING NO. :	PO-116
APPROVED BY:	A.A.R.	SCALE :	NTS
DATE:	06/10/2022	REV NO. :	00

THIS IS NOT INCLUDED IN PART-2 OF TENDER ; THIS IS FOR ADDITIONAL INFORMATION TO PV SOLAR SYSTEM



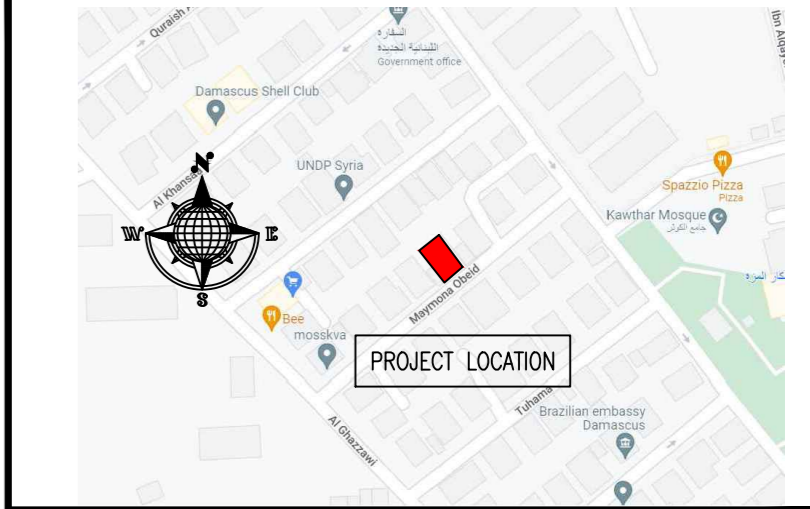
SL. NO	Cir. No	# of Poles for CB	Type	S [mm²]	R [W]	S [W]	T [W]	Diversity Factor	Diversified Load	Load Type	Location
1	E1	1PH	B	3x2.5	1500	0	0	0.8	1200	POWER	ACCESS CONTROLL
2	E2	1PH	B	3x1.5	200	0	0	1	200	MECH	TURBINE
3	E3	1PH	B	3x1.5	192	0	0	0.9	172.8	LIGHT	CORRIDORE LIGHTING
4	E4	1PH	B	3x1.5	36	0	0	0.9	32.4	LIGHT	STORE AND wc LIGHTING
5	E5	1PH	B	3x1.5	200	0	0	1	200	MECH	TURBINE
6	E6	1PH	B	3x1.5	200	0	0	0.8	160	MECH	TURBINE
Connected Load Kw					2.328	0	0		2.328		
Diversified Load					1.9652	0	0		1.9652		

2 x Indicating Lamps (One lamp for Input Power And The Other is For Output Power)

TO FIT ALL THE EQUIPMENT WITH 20 % SAPCE
 Flush-mounted Type
 12 Modules
 IP40

EMERGENCY Distribution Board - EDB-B

KEY PLAN :



NOTES :

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CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
 ENGINEERING SERVICES

PROJECT NAME :

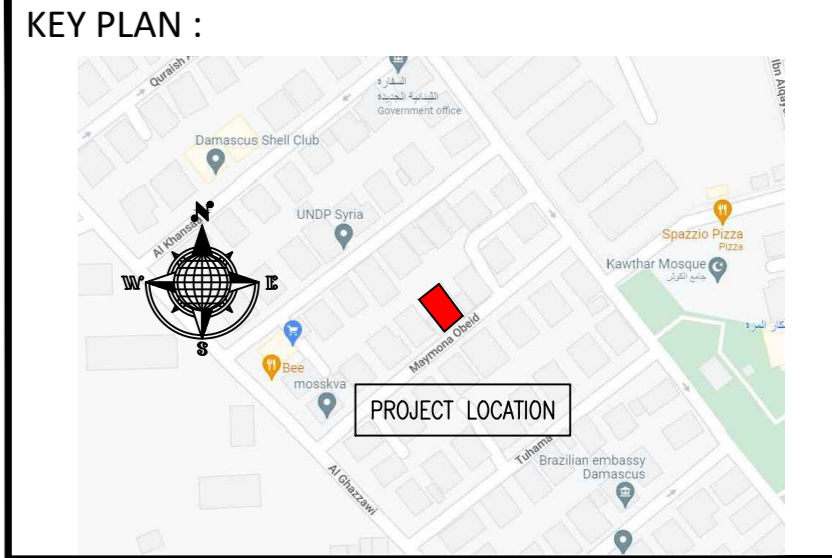
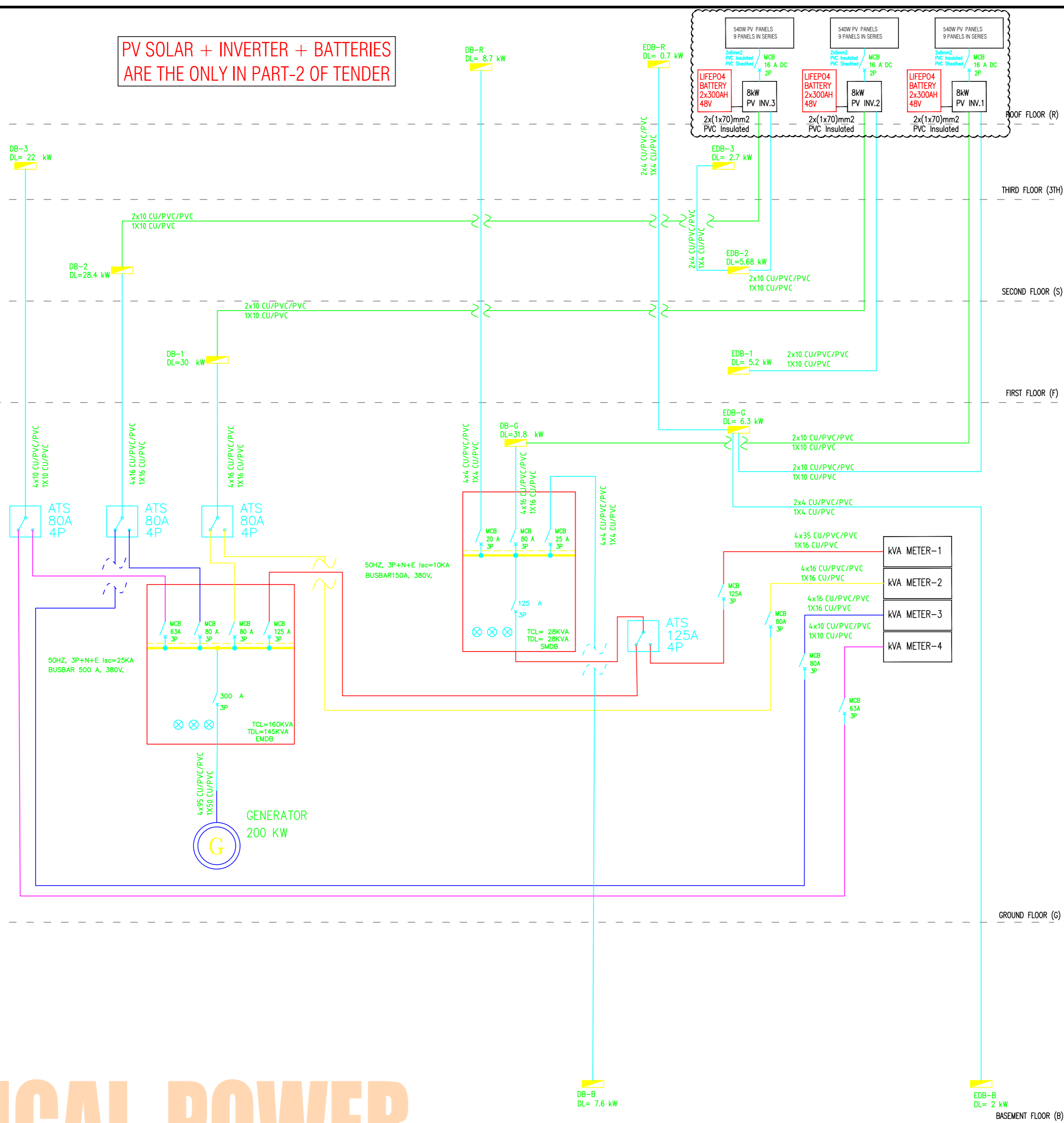
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ELECTRICAL LOAD SCHEDULE-11

DESIGNED BY:	S.R.	DRAWING NO.:	PO-117
APPROVED BY:	A.A.R.	SCALE:	NTS
DATE:	06/10/2022	REV NO.:	00

PV SOLAR + INVERTER + BATTERIES ARE THE ONLY IN PART-2 OF TENDER



- NOTES :
- WHERE DOCUMENTS ARE REFERENCED IN THE GENERAL AND DESIGN NOTES, THEY SHALL BE THE LATEST EDITIONS, UNLESS OTHERWISE NOTED OR SHOWN.
 - READ ALL THE DRAWINGS IN CONJUNCTION WITH SEPARATELY BOUND SPECIFICATIONS AND ALL OTHER CONTRACT DOCUMENTS.
 - BEFORE PROCEEDING WITH WORK, CHECK ALL THE DIMENSIONS SHOWN ON THE DRAWINGS AGAINST OTHER DISCIPLINES SUCH AS ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND EXISTING SITE CONDITIONS. REPORT INCONSISTENCIES TO CONSULTANT BEFORE PROCEEDING WITH THE WORK.
 - CHECK AND VERIFY IN THE FIELD ALL SIZES AND DIMENSIONS INVOLVING THE EXISTING STRUCTURE AND COORDINATE WITH NEW CONSTRUCTION.
 - VERIFY AND OBTAIN PRIOR APPROVAL OF DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, SLOTS, TRENCHES AND ELECTRICAL FLOOR DUCTS AS REQUIRED BY OTHER TRADES.
 - DIMENSIONS ARE IN CENTIMETER UNLESS NOTED OTHERWISE.
 - DO NOT SCALE DRAWINGS.
 - THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.



CONSULTANT :
ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

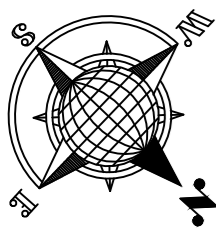
PROJECT NAME :
REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :
SINGLE LINE DIAGRAM

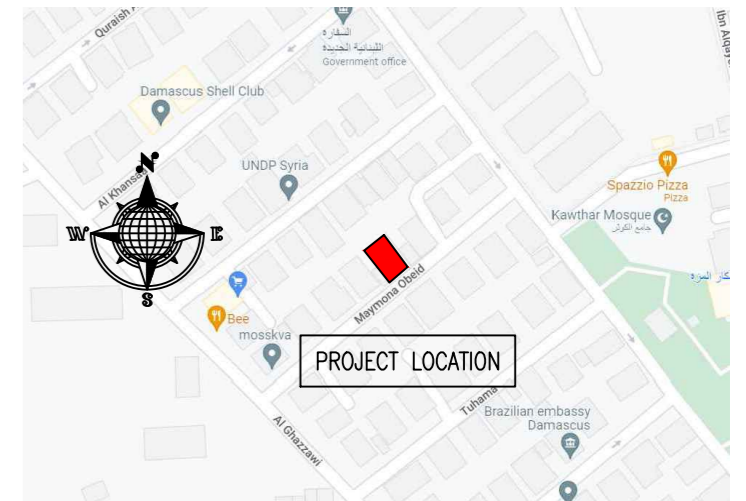
DESIGNED BY:	S.R.	DRAWING NO. :	PO-118
APPROVED BY:	A.A.R.	SCALE :	NTS
DATE:	06/10/2022	REV NO. :	00

ELECTRICAL-POWER

SINGLE LINE DIAGRAM



KEY PLAN :



NOTES :

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7. DO NOT SCALE DRAWINGS.
8. THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.

CLIENT :



UNITED NATIONS POPULATION FUND

CONSULTANT :

ENG. ABDUL HAMEED AL JAJEH
ENGINEERING SERVICES

PROJECT NAME :

REHABILITATION OF THE NEW BUILDING OF UNFPA - PART-2

DRAWING TITLE :

ROOF FLOOR PLAN
HVAC LAYOUT

DESIGNED BY:	S.R.	DRAWING NO. :	AC-105
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	06/10/2022	REV NO. :	00