

ELECTRICAL DRAWING LIST

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
ELC-101	LIGHTING PLAN – BASEMENT FLOOR	ELC-208	AC POWER PLAN – BASEMENT FLOOR
ELC-102	LIGHTING PLAN – GROUND FLOOR	ELC-209	AC POWER PLAN – GROUND FLOOR
ELC-103	LIGHTING PLAN – FIRST FLOOR	ELC-210	AC POWER PLAN –FIRST FLOOR
ELC-104	LIGHTING PLAN – SECOND FLOOR	ELC-211	AC POWER PLAN – SECOND FLOOR
ELC-105	LIGHTING PLAN – THIRD FLOOR	ELC-212	AC POWER PLAN – THIRD FLOOR
ELC-106	LIGHTING PLAN – FOURTH FLOOR	ELC-213	AC POWER PLAN – FOURTH FLOOR
ELC-107	LIGHTING PLAN – ROOF FLOOR	ELC-214	AC POWER PLAN – ROOF FLOOR
ELC-201	POWER PLAN – BASEMENT FLOOR	ELC-301	PANEL SCHEDULES (1 OF 4)
ELC-202	POWER PLAN – GROUND FLOOR	ELC-302	PANEL SCHEDULES (2 OF 4)
ELC-203	POWER PLAN – FIRST FLOOR	ELC-303	PANEL SCHEDULES (3 OF 4)
ELC-204	POWER PLAN – SECOND FLOOR	ELC-304	PANEL SCHEDULES (4 OF 4)
ELC-205	POWER PLAN – THIRD FLOOR	ELC-305	ELECTRICAL RISER DIAGRAM
ELC-206	POWER PLAN – FOURTH FLOOR		
ELC-207	POWER PLAN – ROOF FLOOR		

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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
ELECTRICAL DARWINGS LIST

TEAM WORK:
AMIRA SALAMA

SCALE:
N.T.S

APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 000**

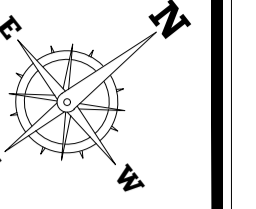
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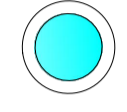
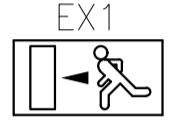



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11 December 2018

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ESSAM FATHY B.Sc




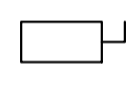
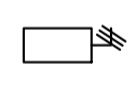

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LIGHTING LEGEND:-

	SURFACE MOUNTED 40 WATT LED LUMINAIRE , 3200 LUMEN , 60X60 CM
	SURFACE MOUNTED CIRCULAR 20 WATT LED DOWNLIGHT
	CEILING MOUNTED, DOUBLE SIDE LED EXIT SIGN WITH 3 HOURS BACKUP BATTERY
	ONE - WAY SWITCH ,ONE GANG 10A
	ONE - WAY SWITCH ,TWO GANG 10A
	DISTRIBUTION PANEL

POWER LEGEND:-

	SINGLE SOCKET ,DOUBLE POLE+EARTH 16A.
	DUPLEX SOCKET ,DOUBLE POLE+EARTH 16A.
	DUPLEX SOCKET ,DOUBLE POLE+EARTH 16A.CONNECTED TO UPS
	SINGLE PHASE DISCONNECT SWITCH (RATING AS INDICATED)
	THREE PHASE DISCONNECT SWITCH (RATING AS INDICATED)
	DISTRIBUTION BOARD (DB = DISTRIBUTION BOARD)

ABBREVIATIONS:-

- W.P WEATHER PROOF
- S.U. SPLIT UNIT AIR CONDITION
- W.H. WATER HEATER

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DRAWING TITLE:
ELECTRICAL LEGEND

TEAM WORK:
AMIRA SALAMA

SCALE:
N.T.S


APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 001**

CHECKED BY:
AHMED IBRAHIM

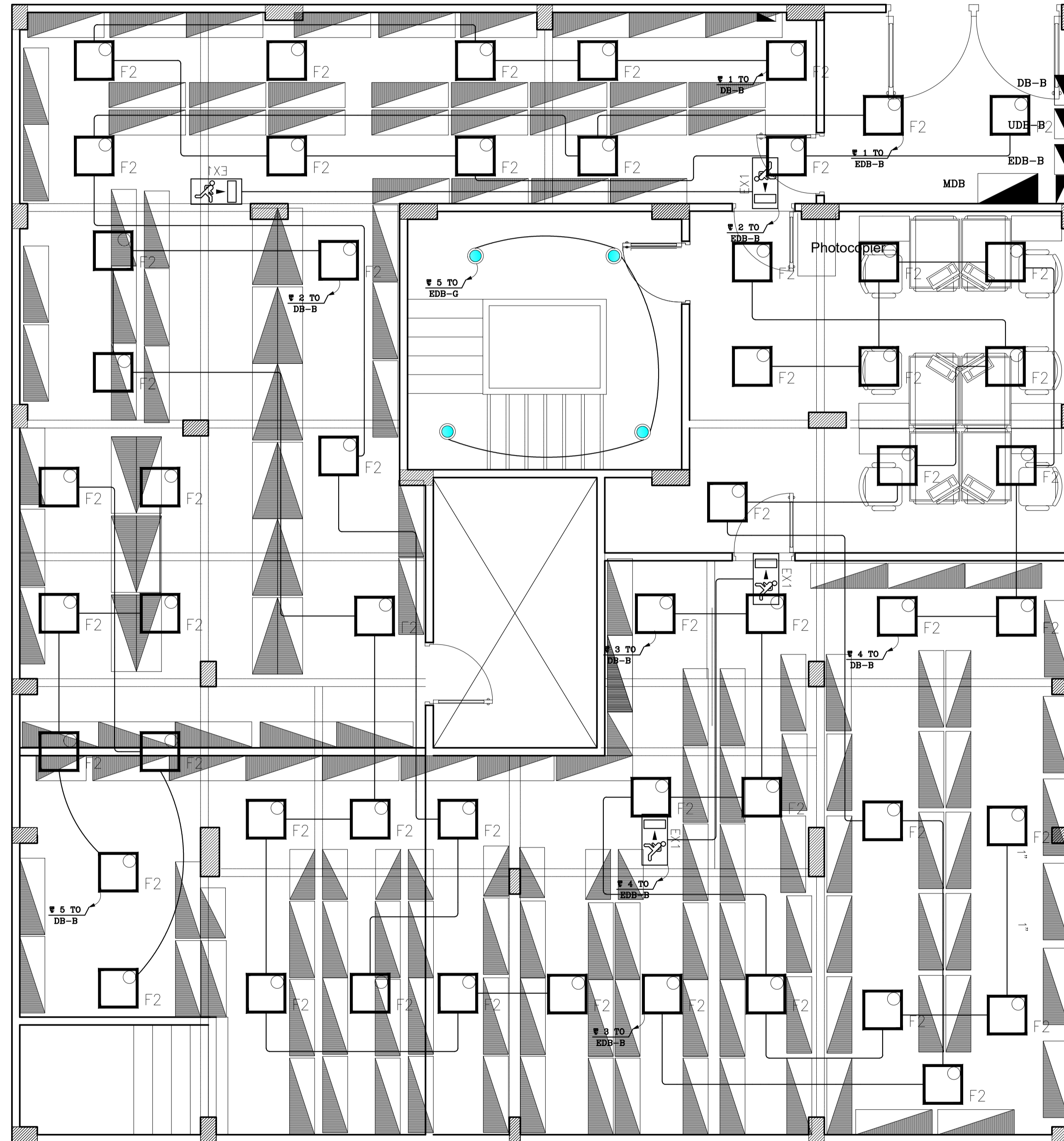
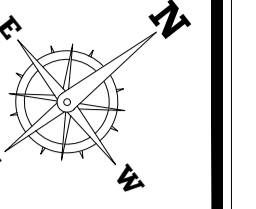
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BUILDING NAME:
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DRAWING TITLE:
LIGHTING PLAN - BASEMENT FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 101**

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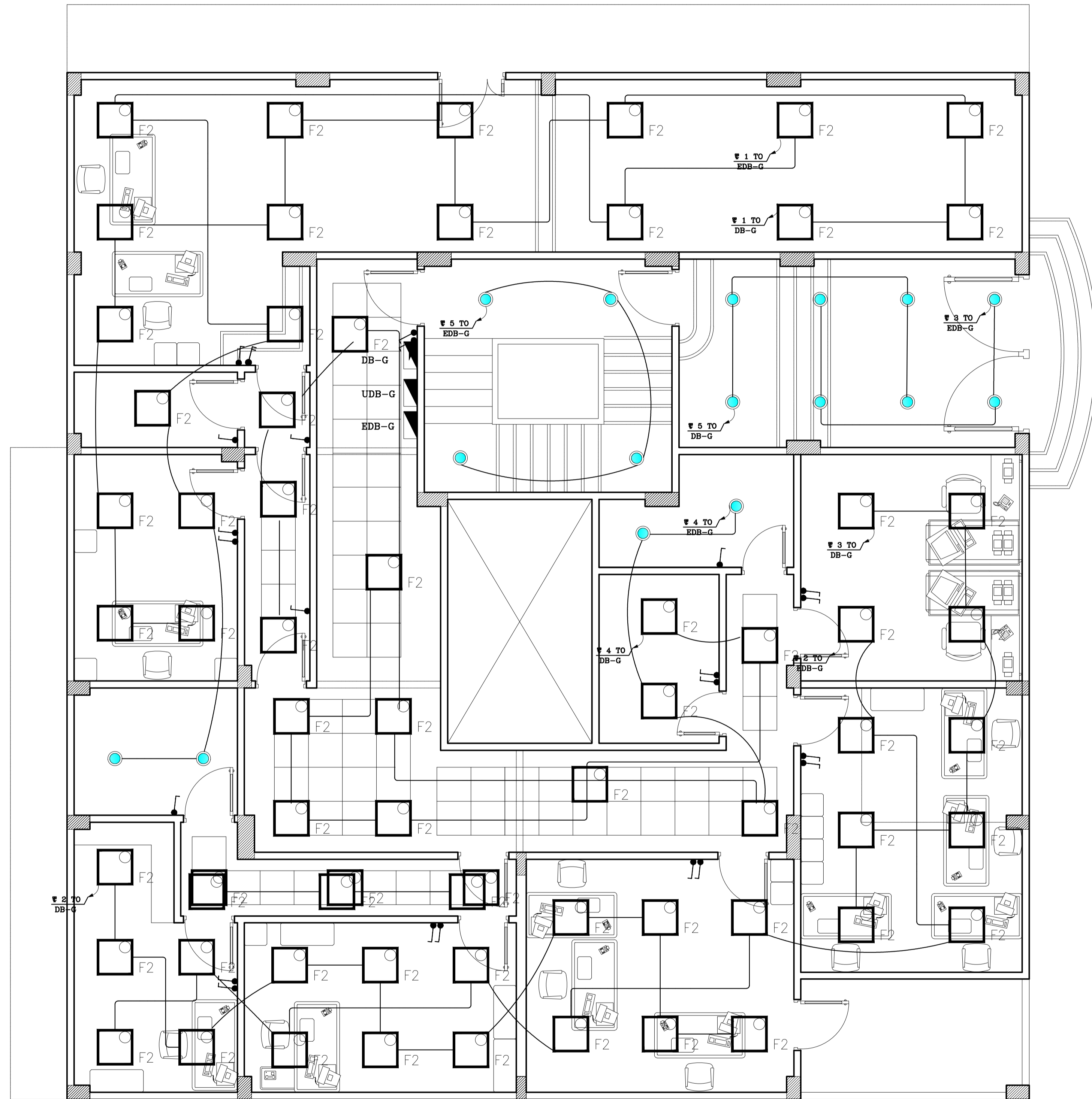
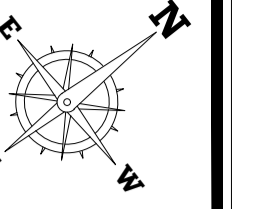
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CLIENT NAME:
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BUILDING NAME:
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DRAWING TITLE:
LIGHTING PLAN - GROUND FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
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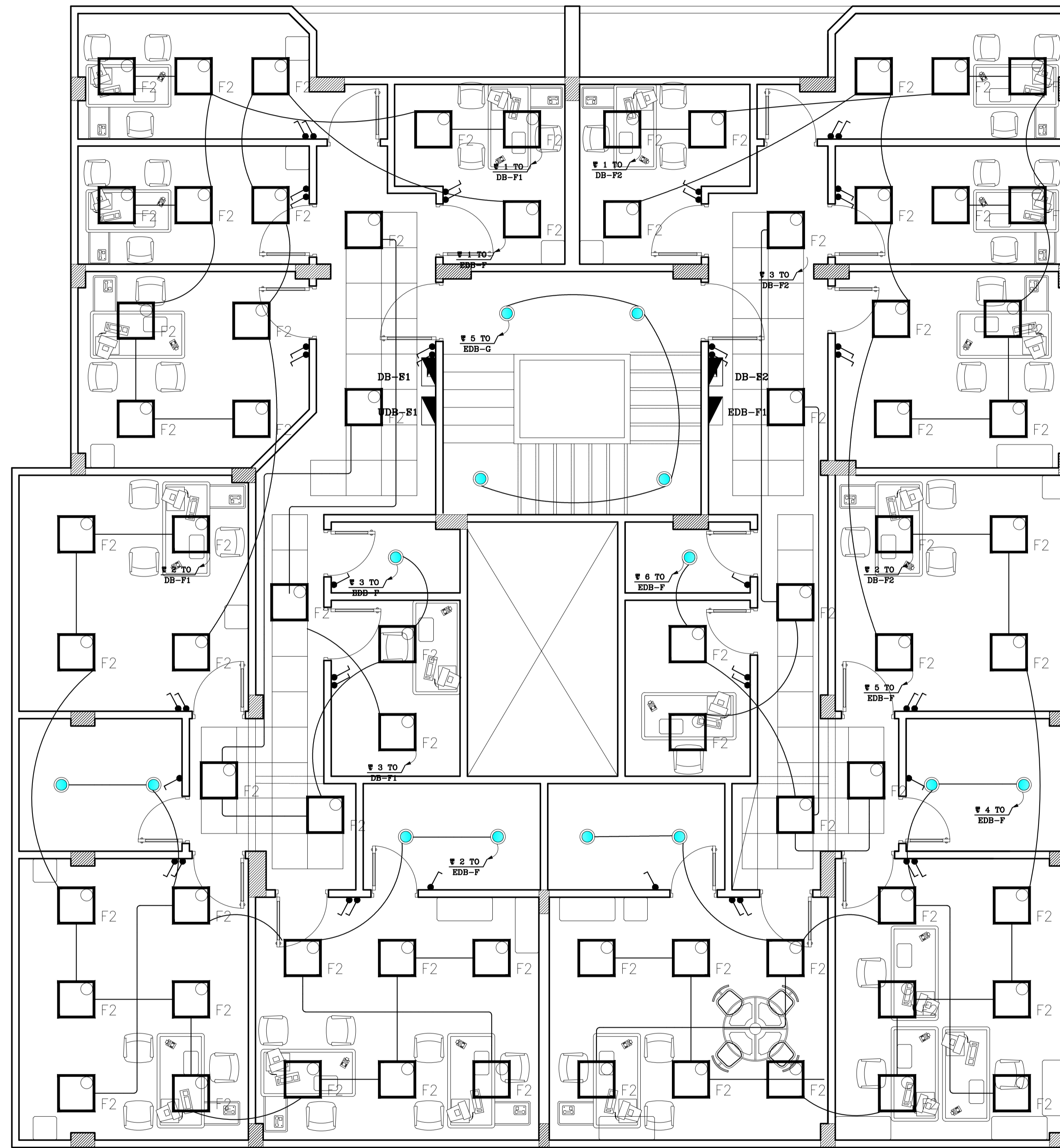
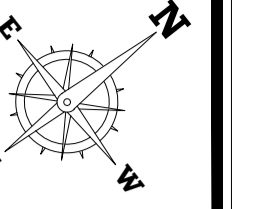
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BUILDING NAME:
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DRAWING TITLE:
LIGHTING PLAN - FIRST FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50


APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 103**

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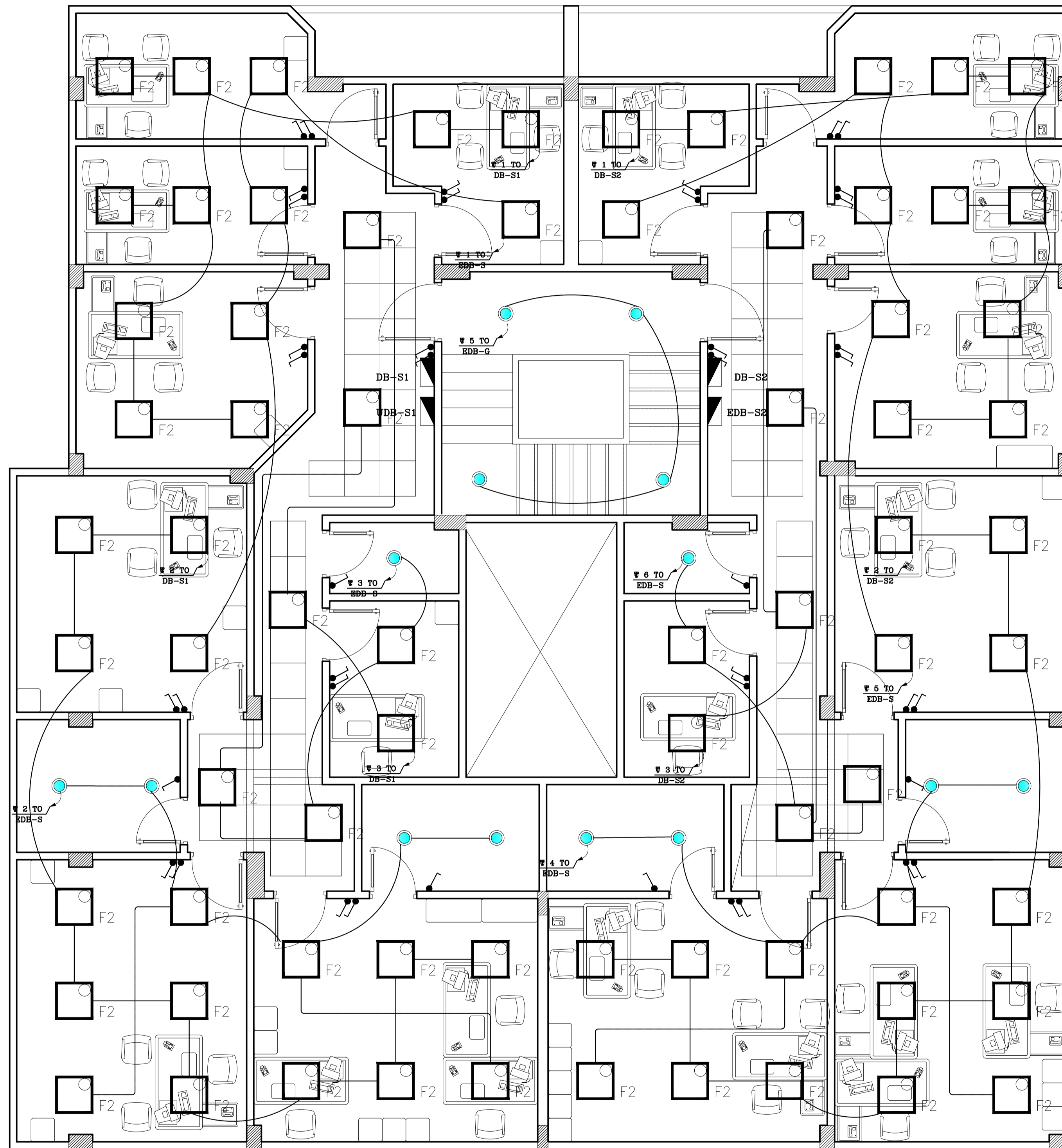
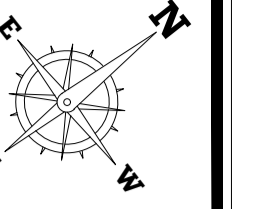
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
LIGHTING PLAN - SECOND FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
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SHEET NO.: **1830 ELC 104**

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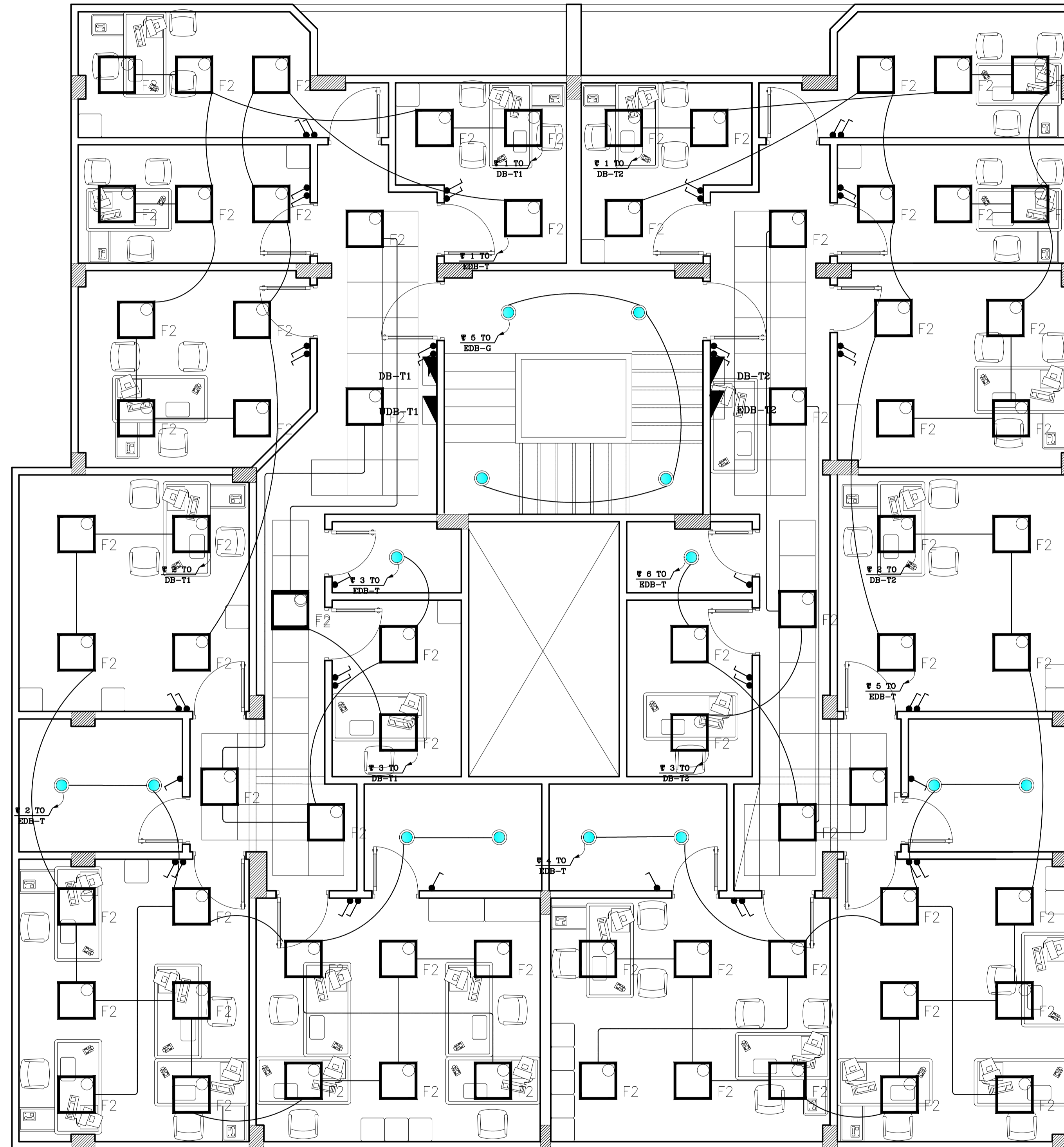
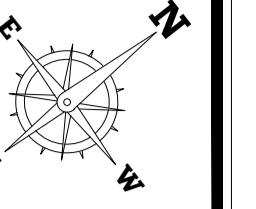
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CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
LIGHTING PLAN - THIRD FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

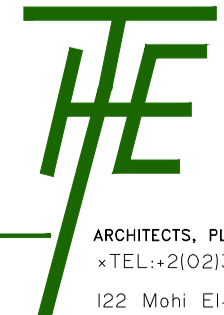
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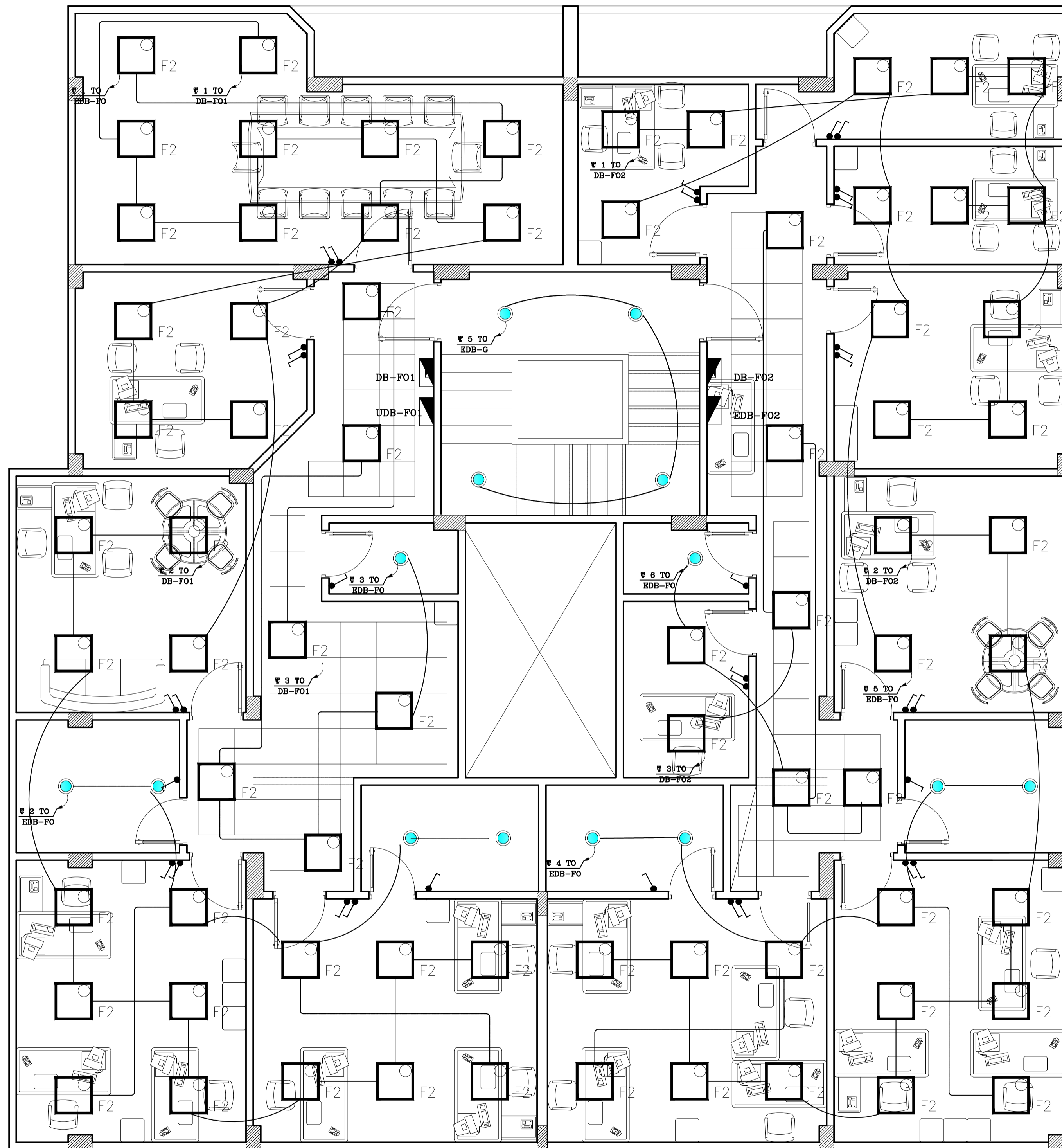
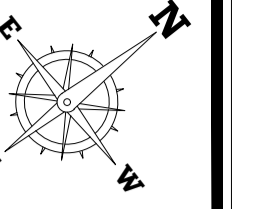
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
LIGHTING PLAN - FOURTH FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
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SHEET NO.: **1830 ELC 106**

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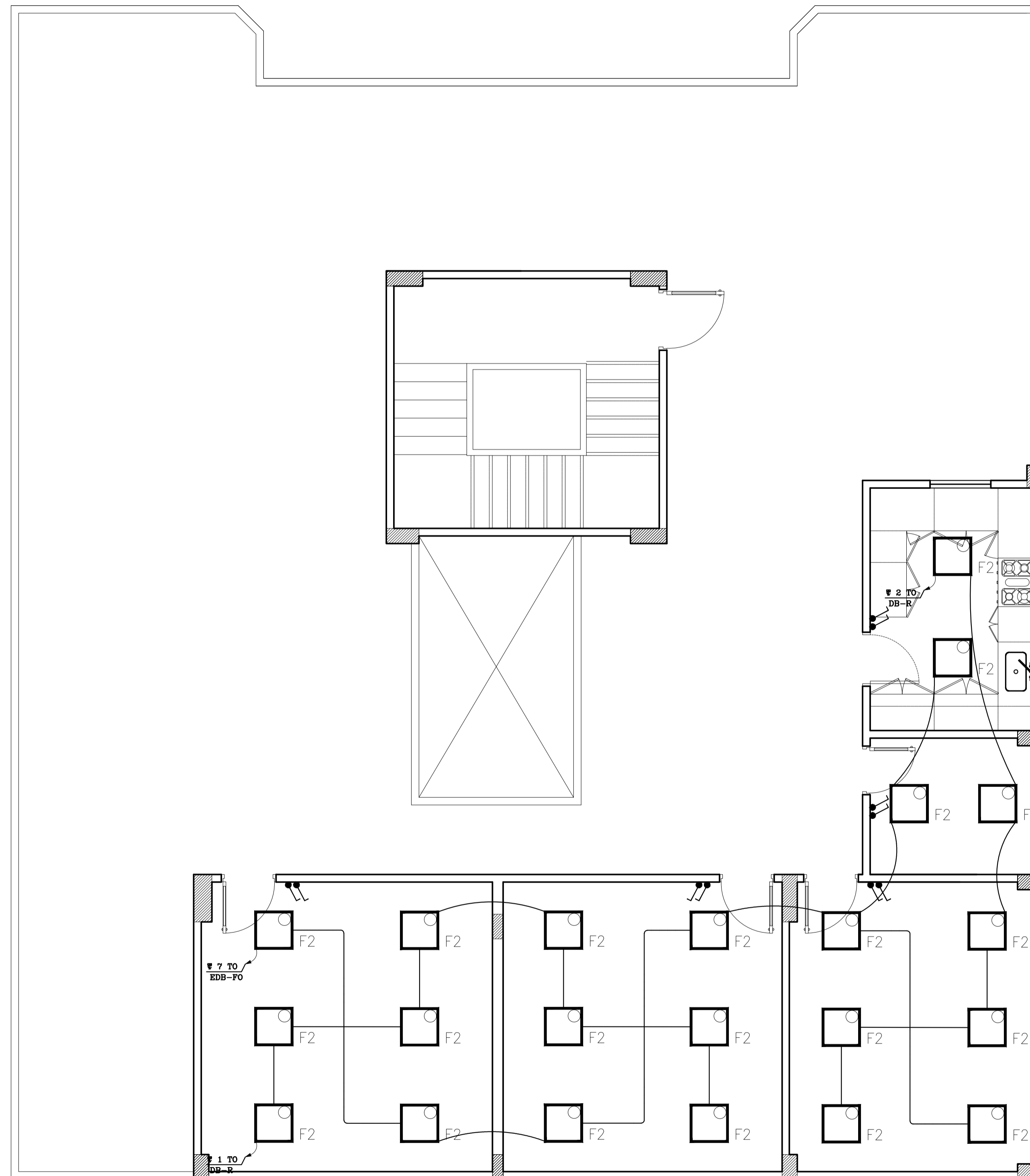
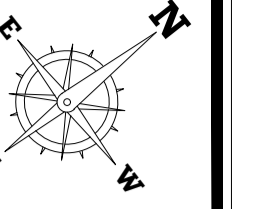
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
LIGHTING PLAN - ROOF FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 107**

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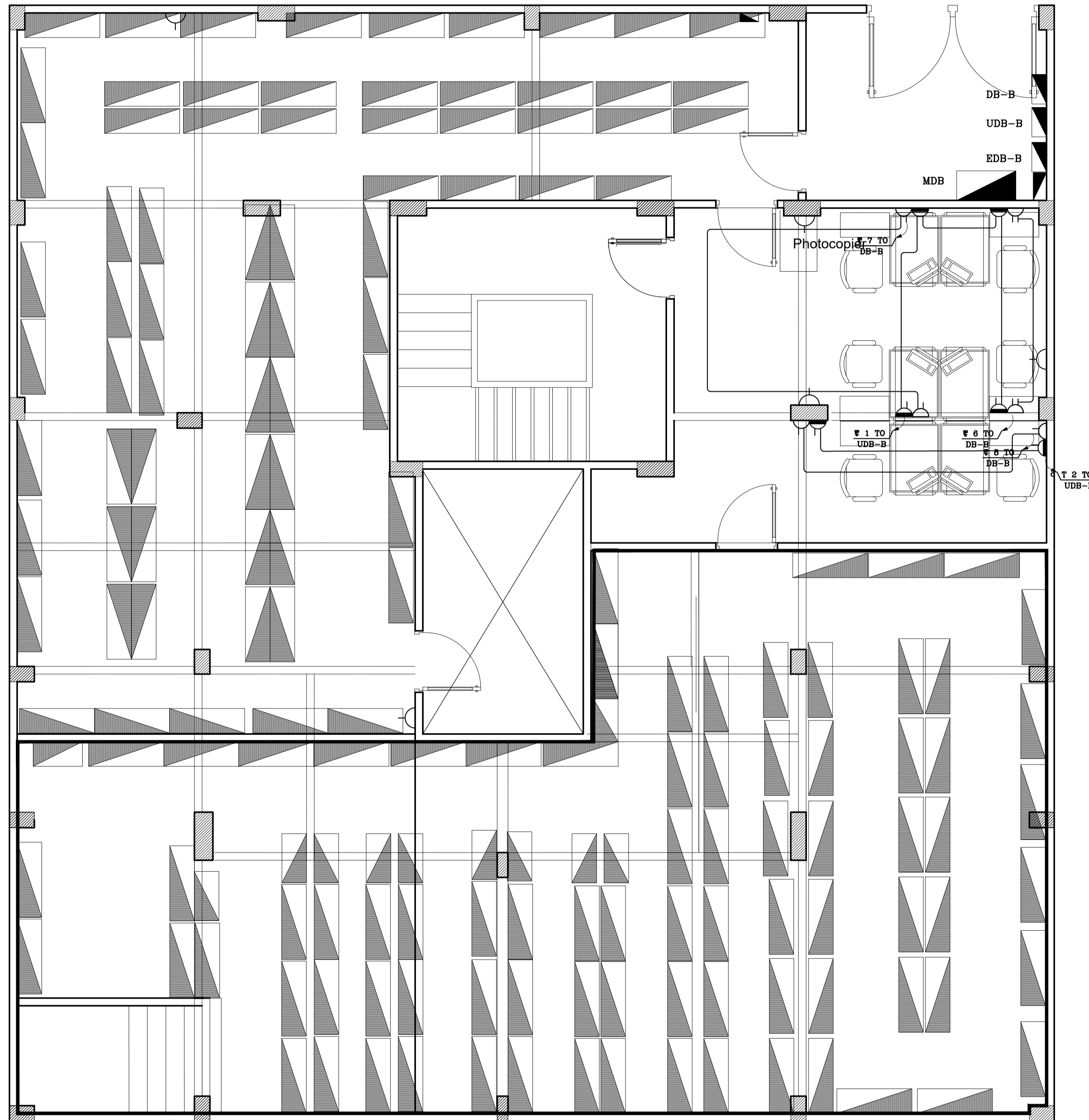
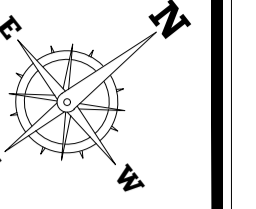
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
POWER PLAN - BASEMENT FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 201**

CHECKED BY:
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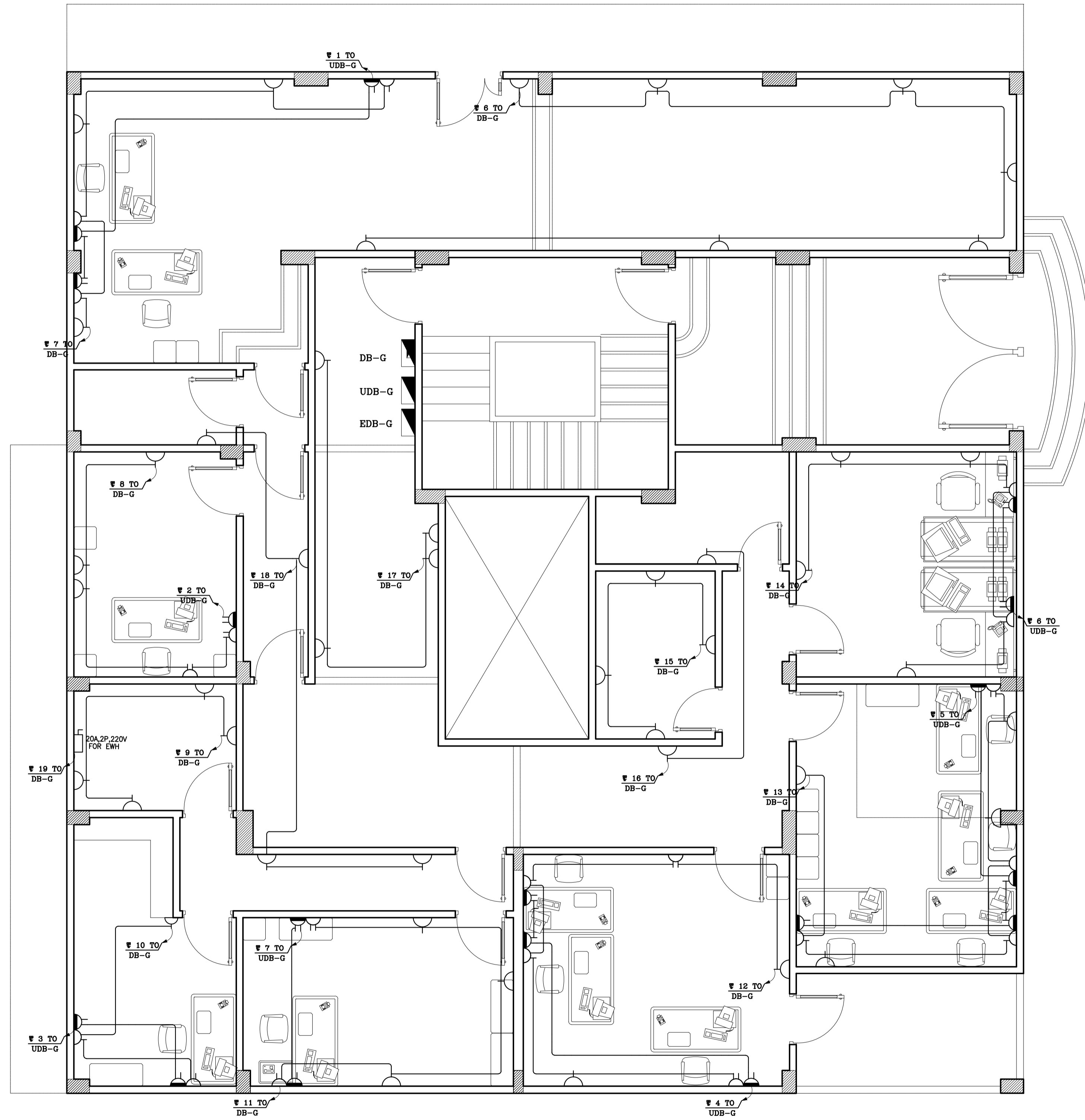
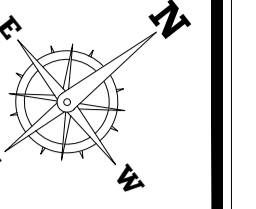
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CLIENT NAME:
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BUILDING NAME:
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DRAWING TITLE:
POWER PLAN - GROUND FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.:
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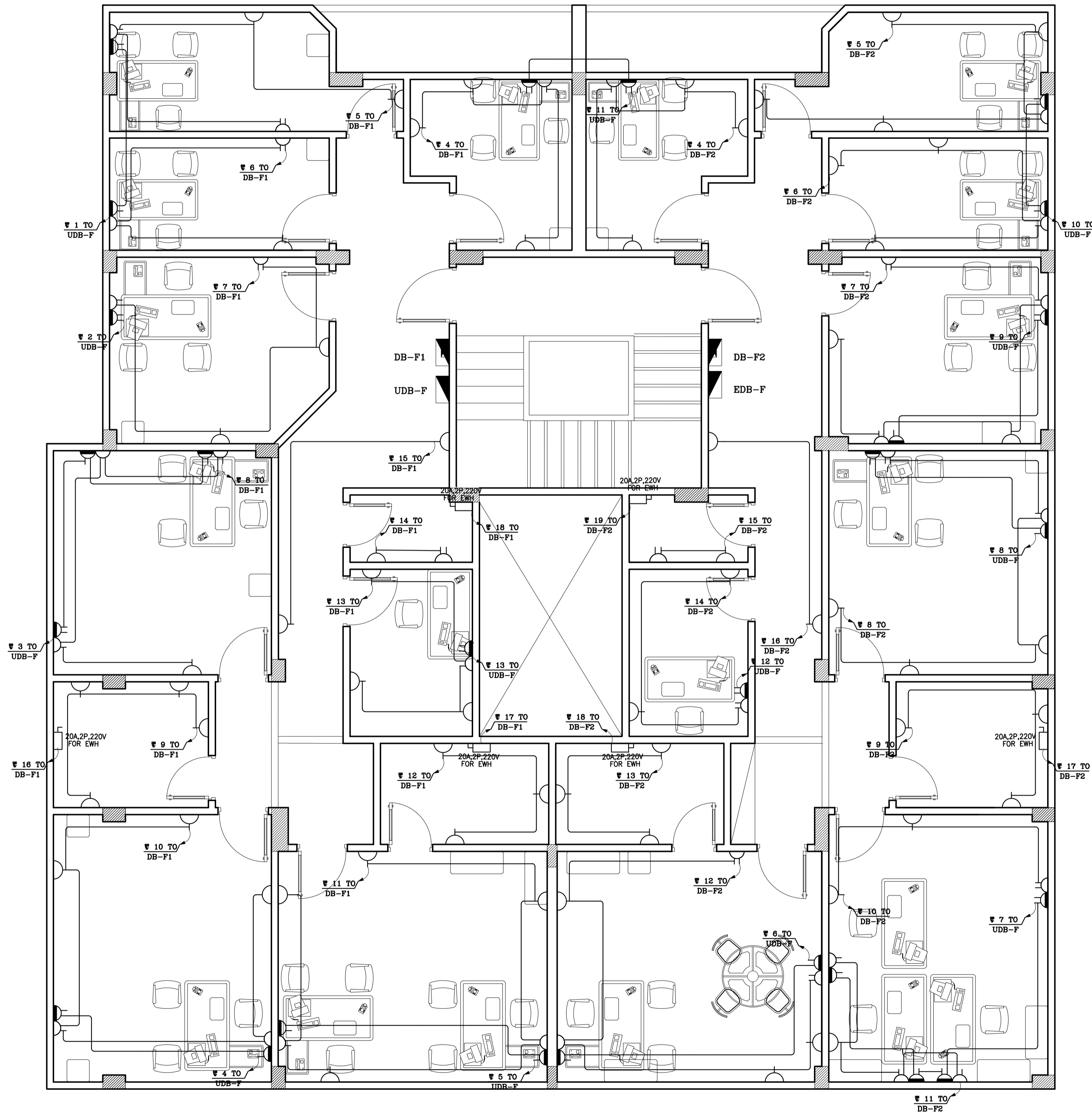
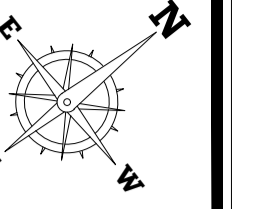
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
POWER PLAN - FIRST FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE: 1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.: 1830 ELC 203

CHECKED BY:
AHMED IBRAHIM

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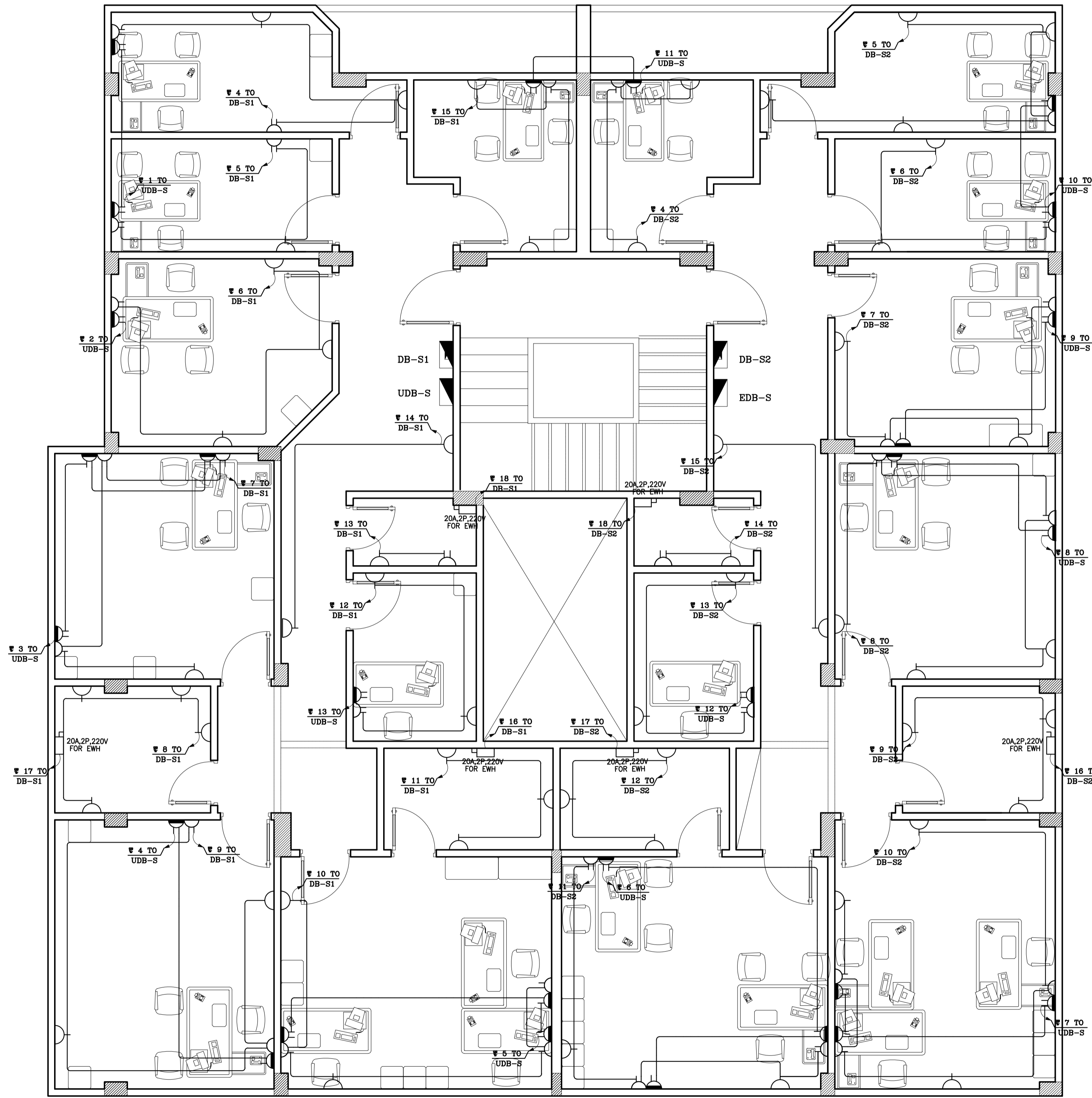
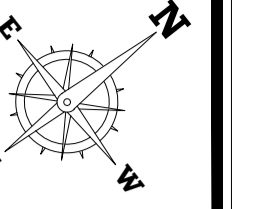
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CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
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DRAWING TITLE:
POWER PLAN - SECOND FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 204**

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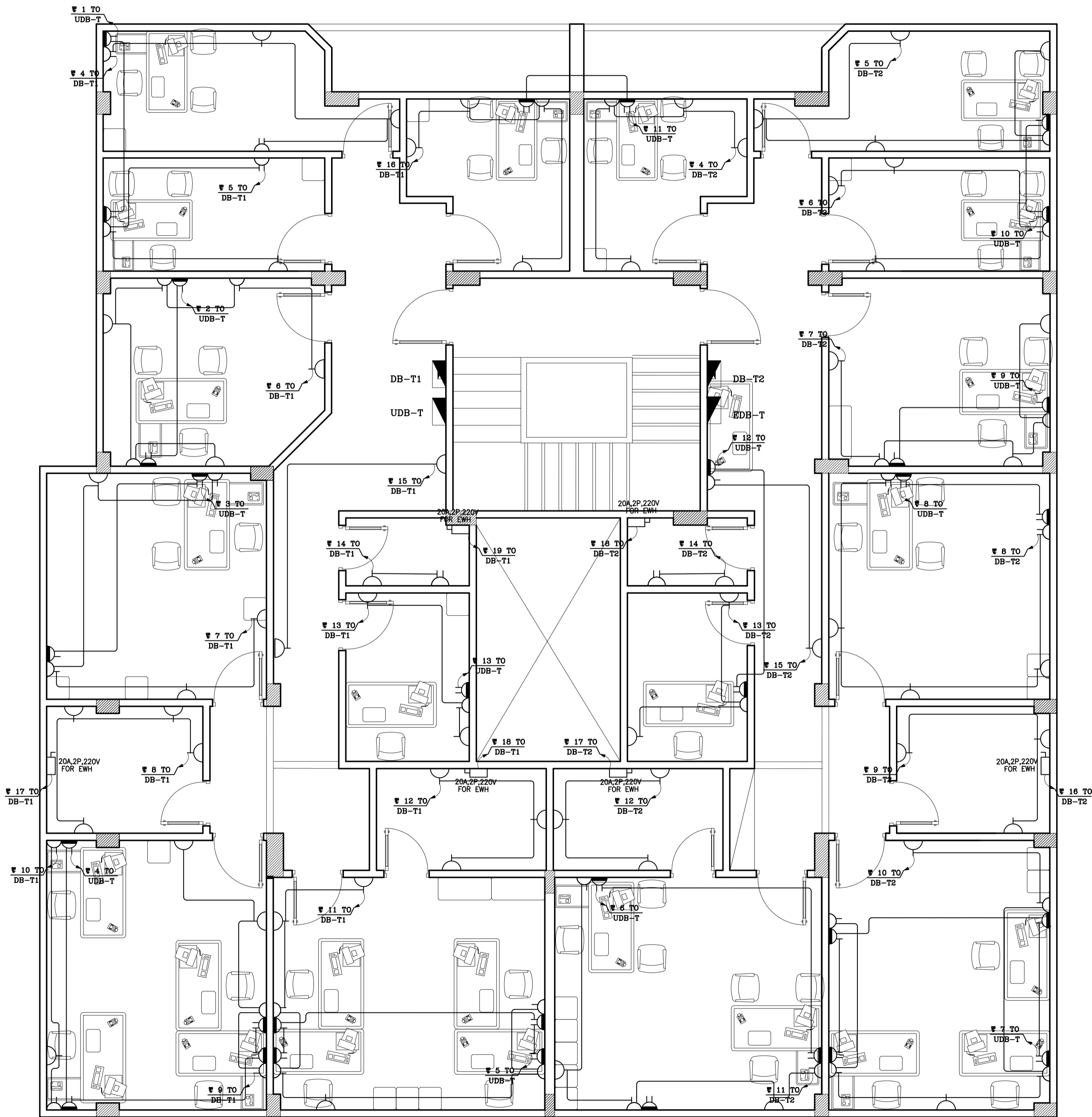
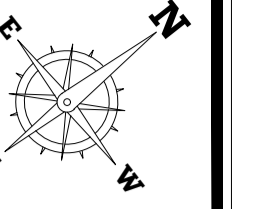
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DRAWING TITLE:
POWER PLAN - THIRD FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
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APPROVED BY:
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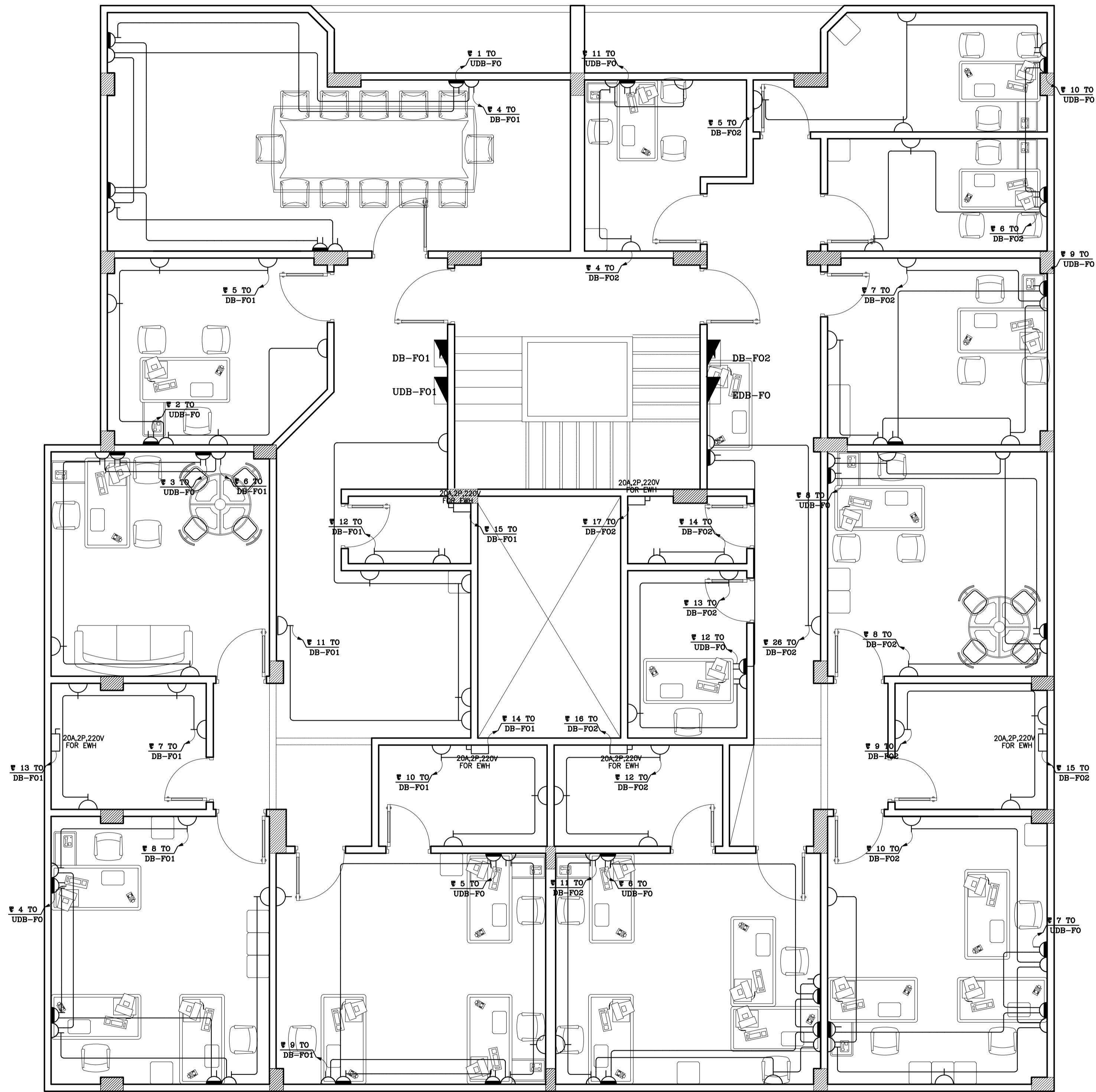
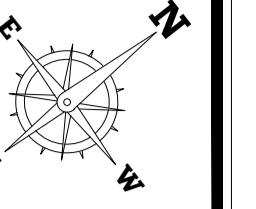
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
POWER PLAN - FOURTH FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.:
1 8 3 0 E L C 2 0 6

CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
11 December 2018

House of Experts
TARIK FATHY Ph.D
HISHAM FATHY Ph.D
ESSAM FATHY B.Sc

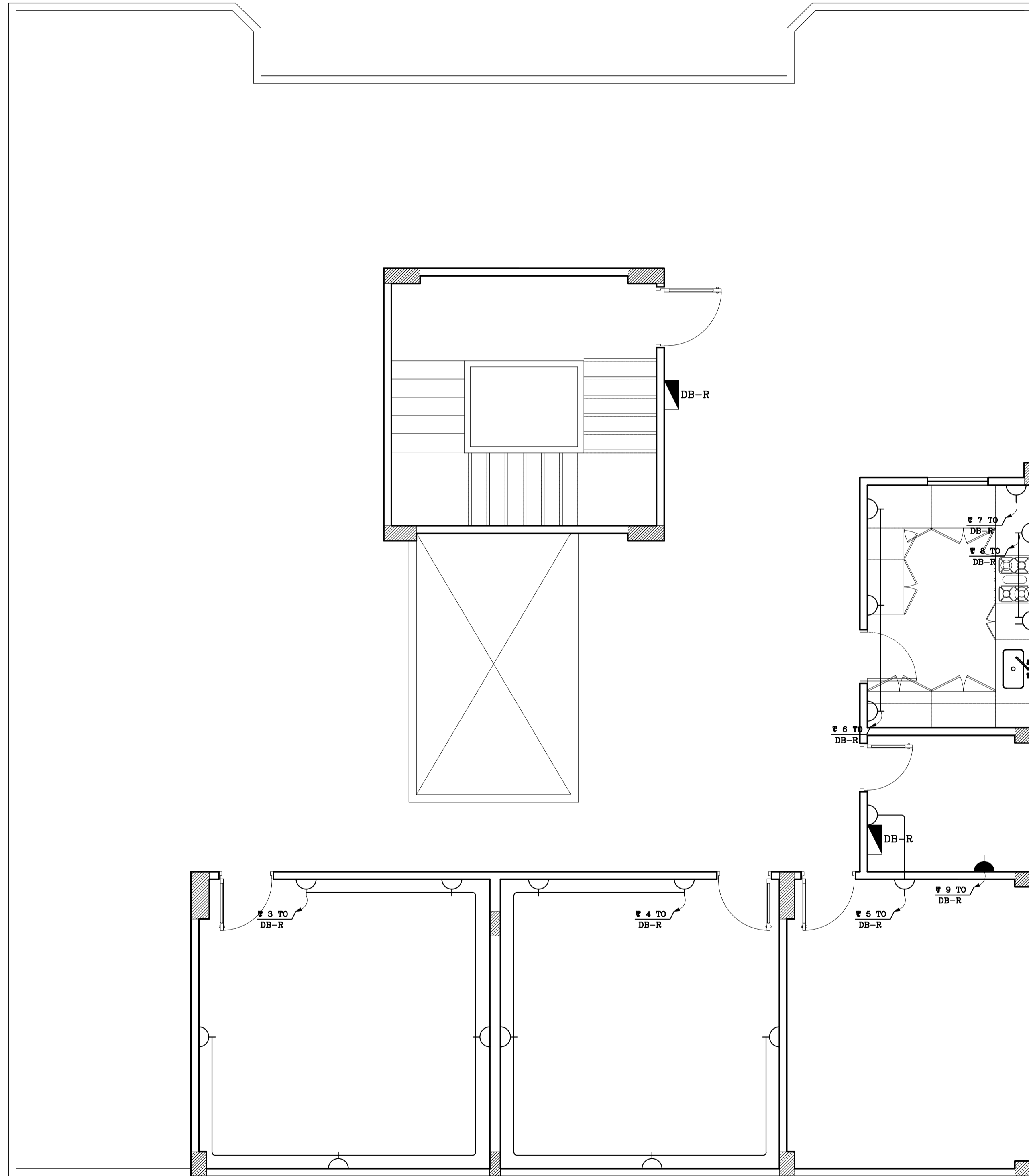
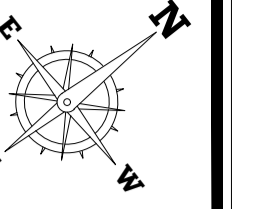
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
POWER PLAN - ROOF FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 207**

CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
11 December 2018

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HISHAM FATHY Ph.D
ESSAM FATHY B.Sc

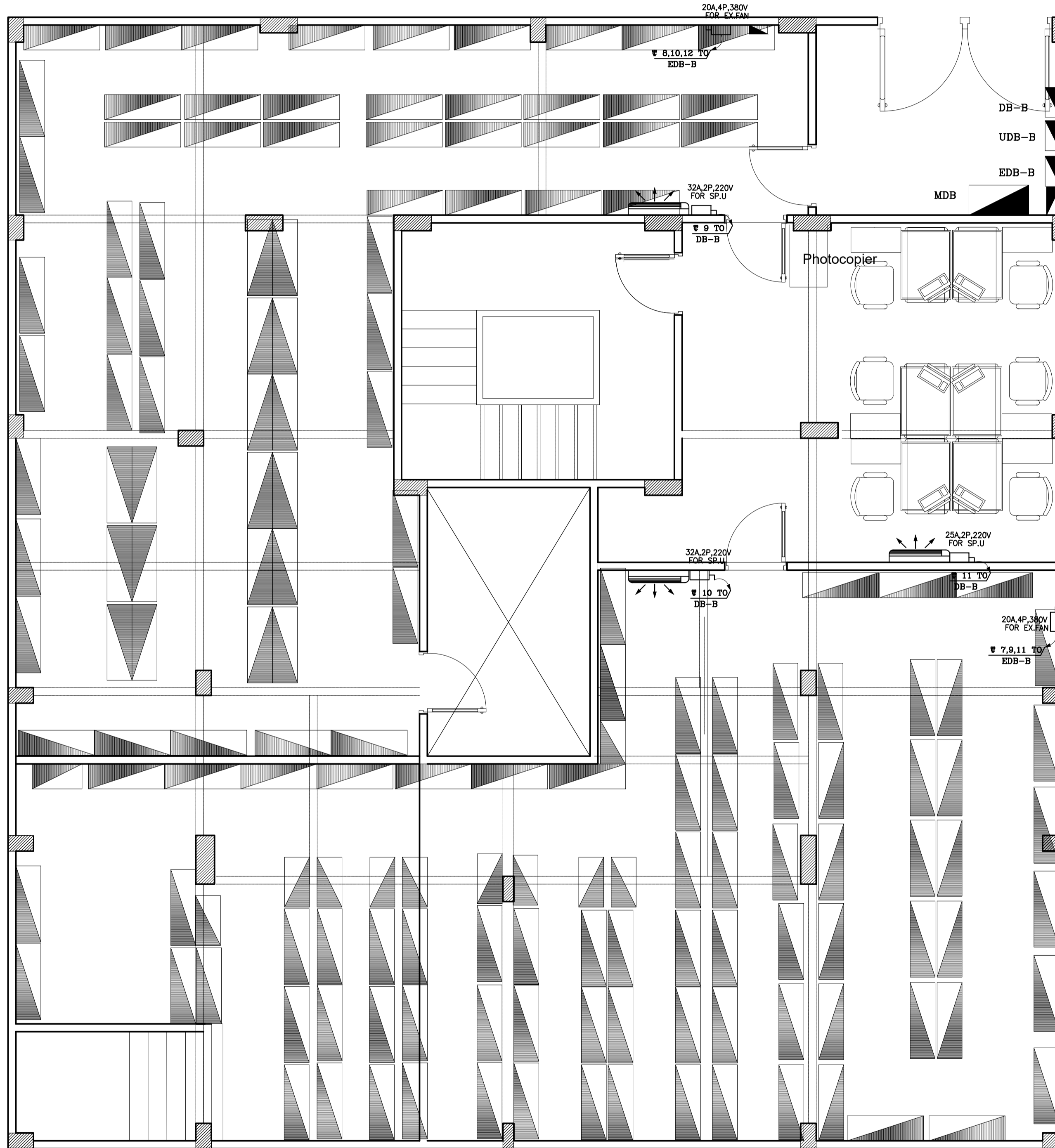
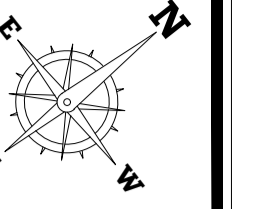
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
AC POWER PLAN - BASEMENT FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.: **1830 ELC 208**

CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
11 December 2018

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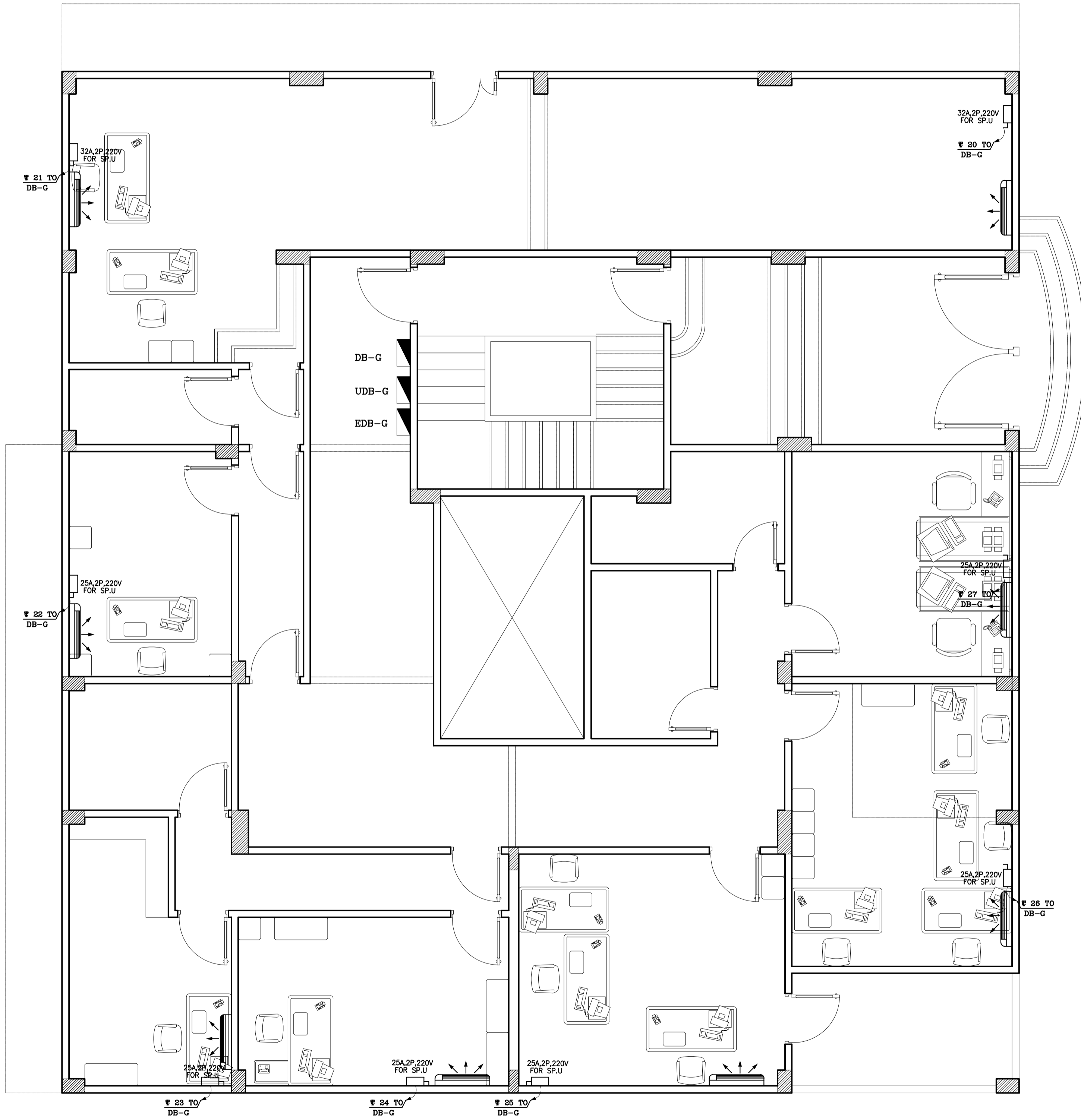
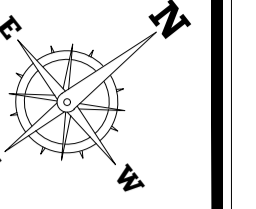
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
AC POWER PLAN - GROUND FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.:
1 8 3 0 E L C 2 0 9

CHECKED BY:
AHMED IBRAHIM

REVISION:
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DATE:
11 December 2018

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HISHAM FATHY Ph.D
ESSAM FATHY B.Sc

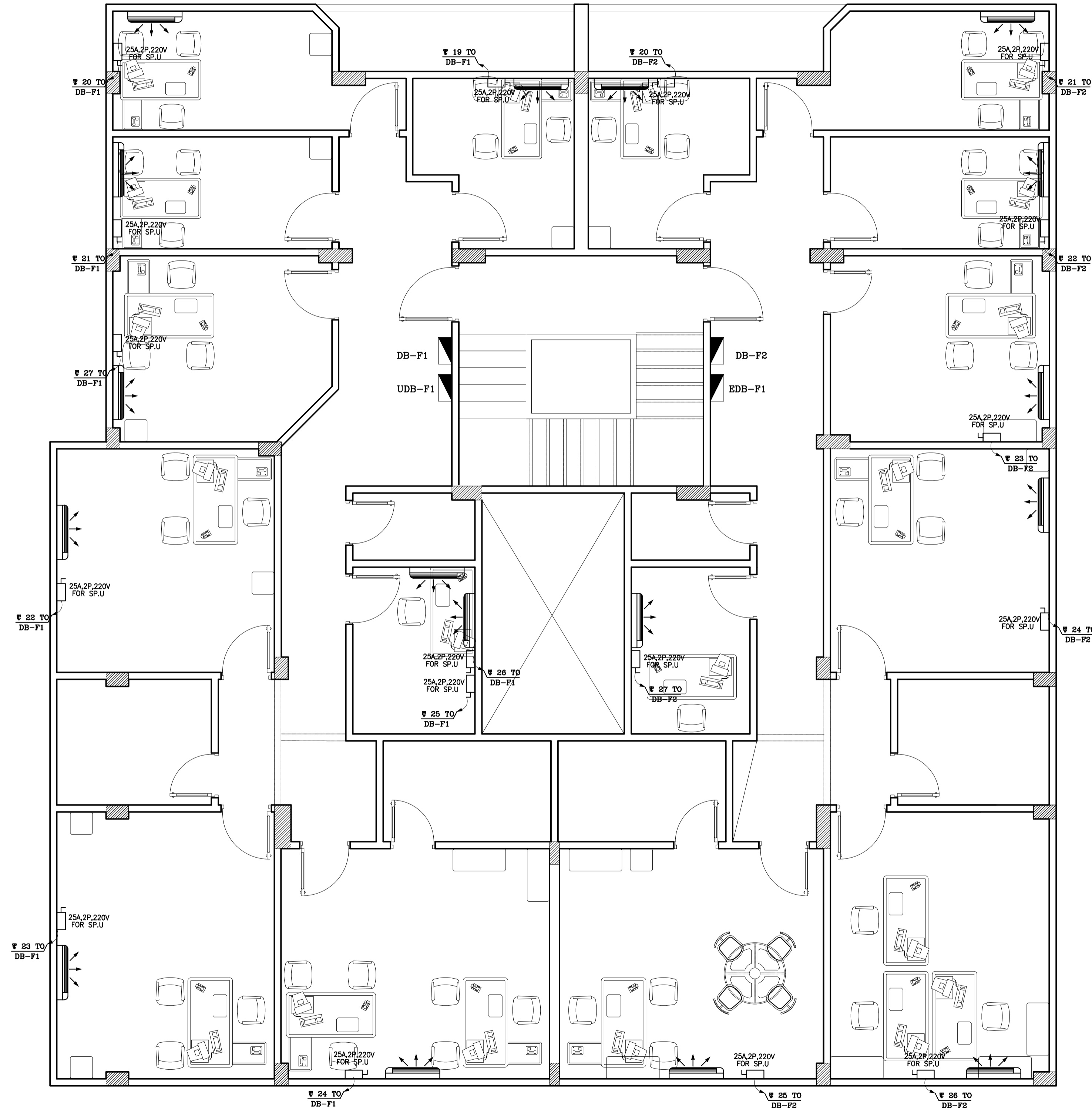
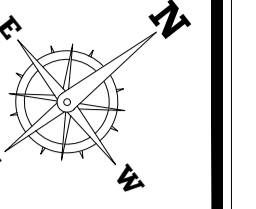
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
AC POWER PLAN - FIRST FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.:
1830 ELC 210

CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
11 December 2018

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HISHAM FATHY Ph.D
ESSAM FATHY B.Sc

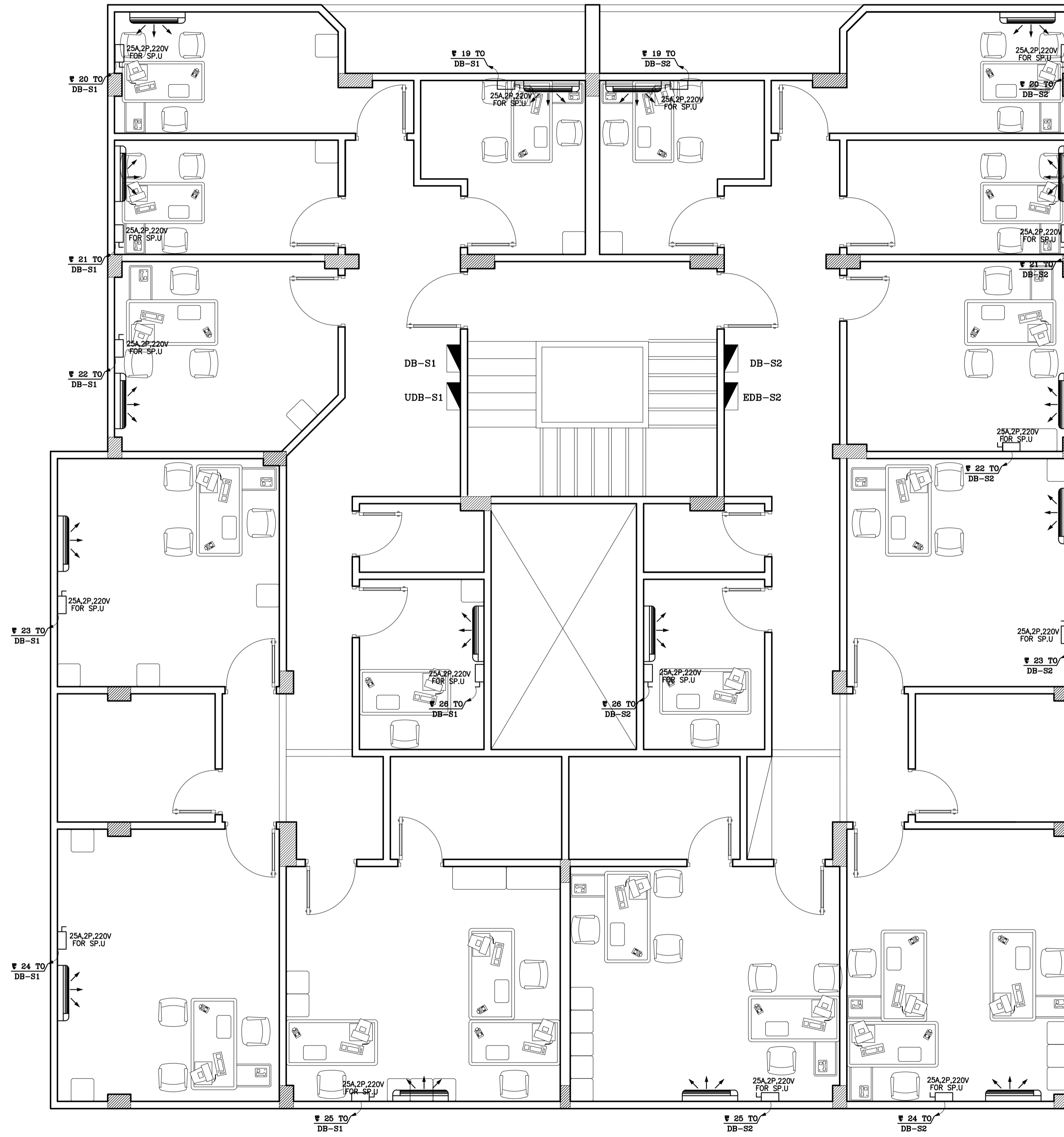
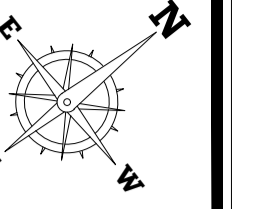
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
AC POWER PLAN - SECOND FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.:
1 8 3 0 E L C 2 1 1

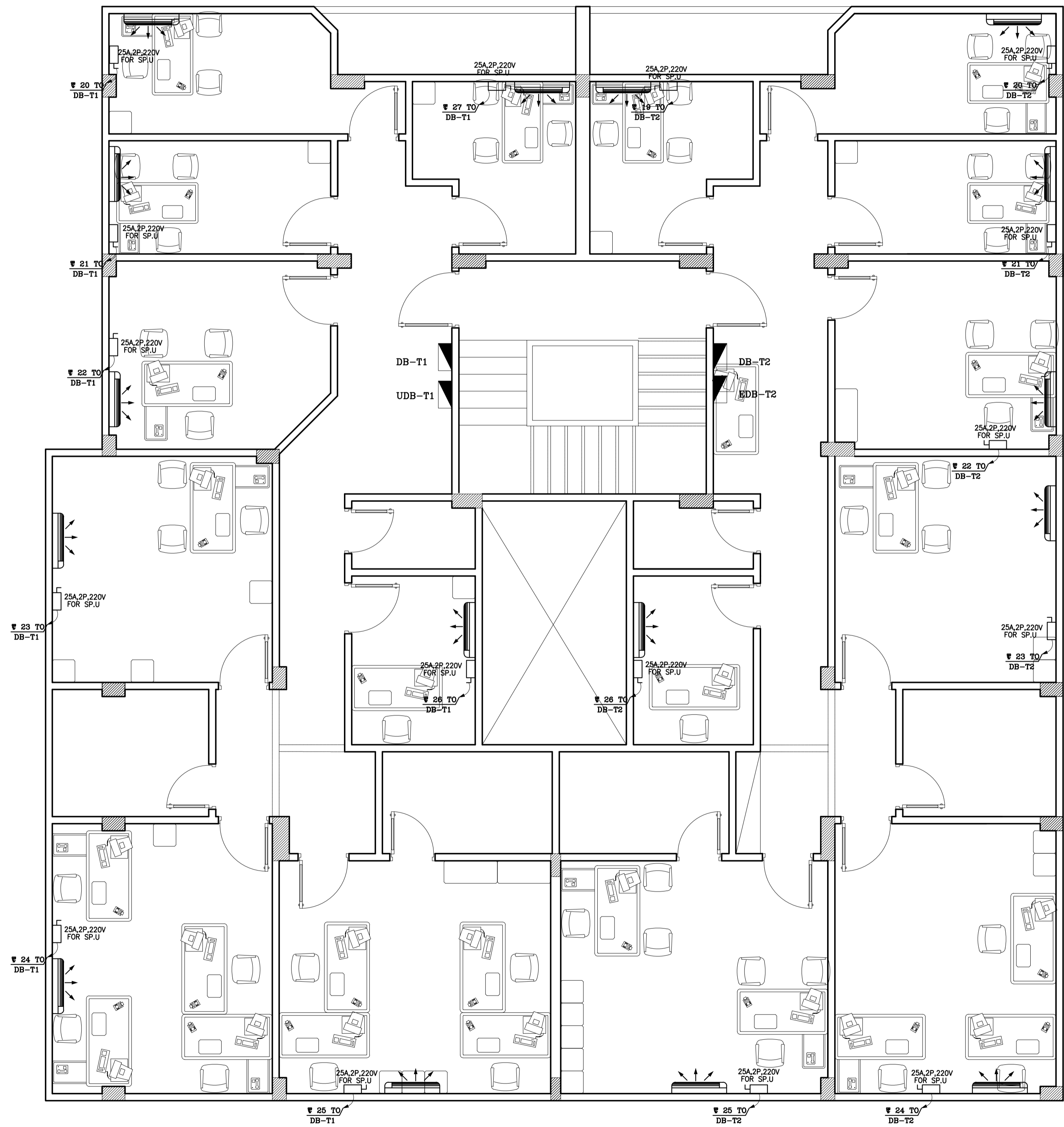
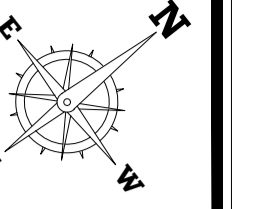
CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
AC POWER PLAN - THIRD FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.:
1 8 3 0 E L C 2 1 2

CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
11 December 2018

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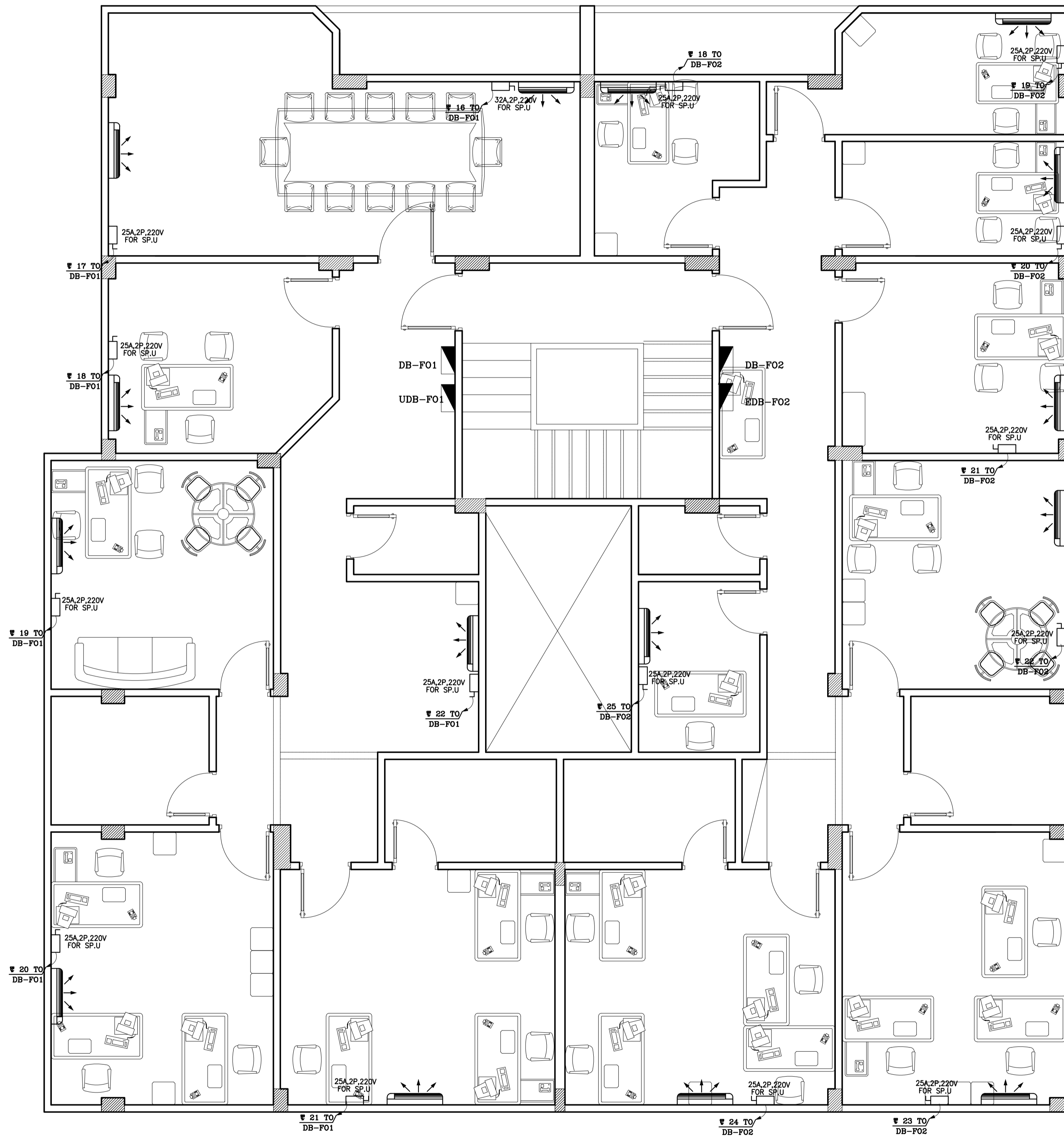
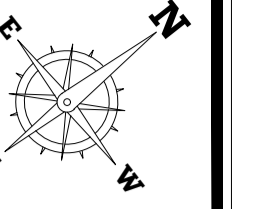
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
AC POWER PLAN - FOURTH FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.:
1830 ELC 213

CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
11 December 2018

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HISHAM FATHY Ph.D
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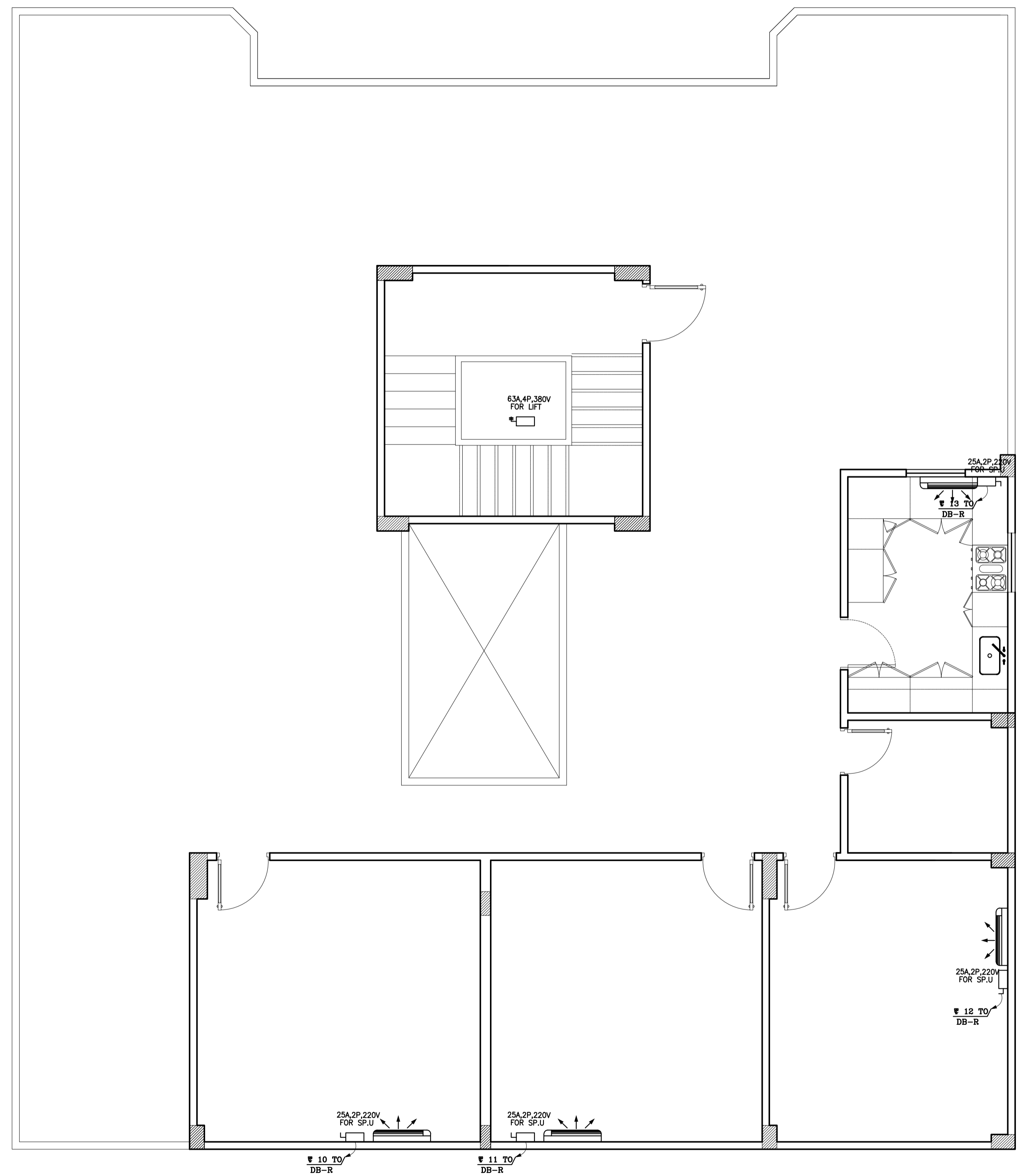
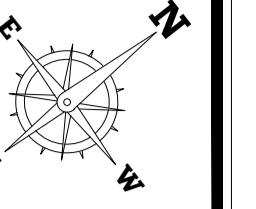
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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT

BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
AC POWER PLAN - ROOF FLOOR

TEAM WORK:
AMIRA SALAMA

SCALE:
1:50

APPROVED BY:
AHMED IBRAHIM

SHEET NO.:
1 8 3 0 E L C 2 1 4

CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
11 December 2018

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HISHAM FATHY Ph.D
ESSAM FATHY B.Sc

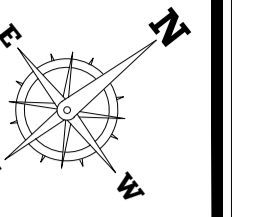
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Panel No.: DB-B, Panel Board Load Schedule, Location: BASEMENT FLOOR, Bus Rating: 40 AMP, Description table with columns for Description, Wire Size, Breaker, Phase Load, Bus Rating, and Breaker.

Panel No.: DB-G, Panel Board Load Schedule, Location: GROUND FLOOR, Bus Rating: 50 AMP, Description table with columns for Description, Wire Size, Breaker, Phase Load, Bus Rating, and Breaker.

Panel No.: DB-F1, Panel Board Load Schedule, Location: FIRST FLOOR, Bus Rating: 63 AMP, Description table with columns for Description, Wire Size, Breaker, Phase Load, Bus Rating, and Breaker.

Panel No.: DB-F2, Panel Board Load Schedule, Location: FIRST FLOOR, Bus Rating: 63 AMP, Description table with columns for Description, Wire Size, Breaker, Phase Load, Bus Rating, and Breaker.

Panel No.: DB-S1, Panel Board Load Schedule, Location: SECOND FLOOR, Bus Rating: 63 AMP, Description table with columns for Description, Wire Size, Breaker, Phase Load, Bus Rating, and Breaker.

Panel No.: DB-S2, Panel Board Load Schedule, Location: SECOND FLOOR, Bus Rating: 63 AMP, Description table with columns for Description, Wire Size, Breaker, Phase Load, Bus Rating, and Breaker.

Table with columns: NO., DATE, REVISIONS, SIGNATURE.

CLIENT NAME: UNHCR EGYPT, with UNHCR logo.

BUILDING NAME: RSD / T BUILDING

DRAWING TITLE: PANEL SCHEDULES (10F 4), TEAM WORK: AMIRA SALAMA, APPROVED BY: AHMED IBRAHIM, CHECKED BY: AHMED IBRAHIM.

REVISION: 2, DATE: 11 December 2018.

House of Experts, TARIK FATHY Ph.D, HISHAM FATHY Ph.D, ESSAM FATHY B.Sc, ARCHITECTS, PLANNERS AND CIVIL ENGINEERS, INC. with logo.

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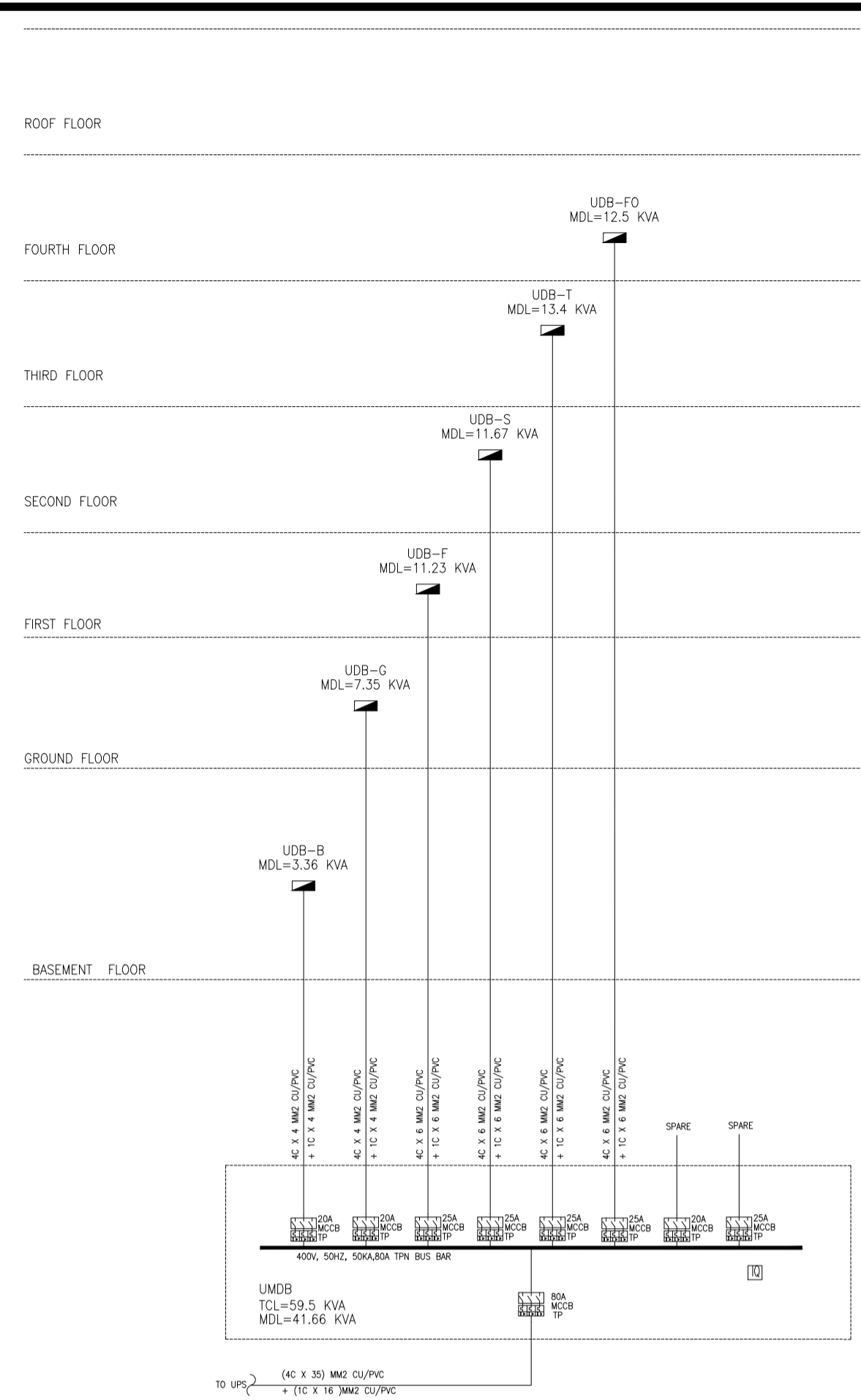
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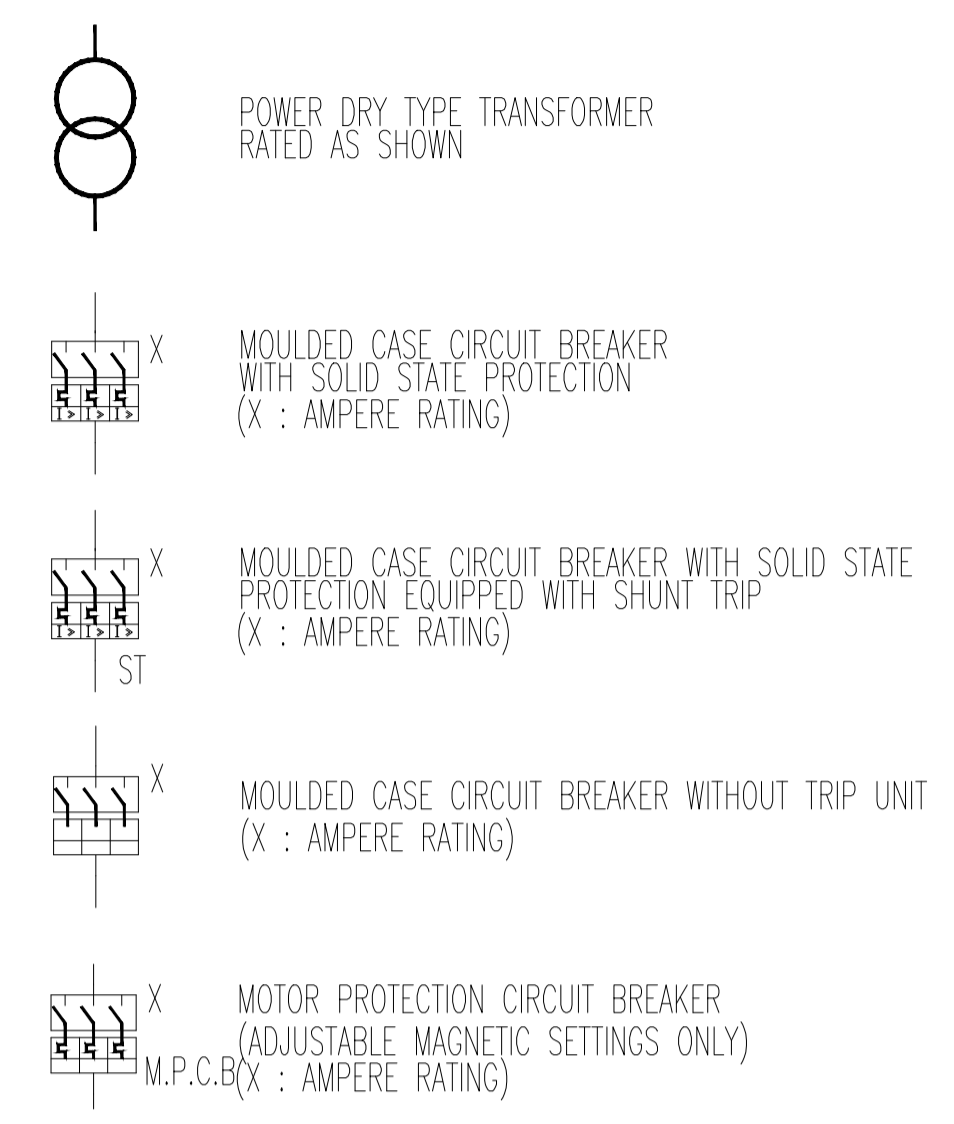
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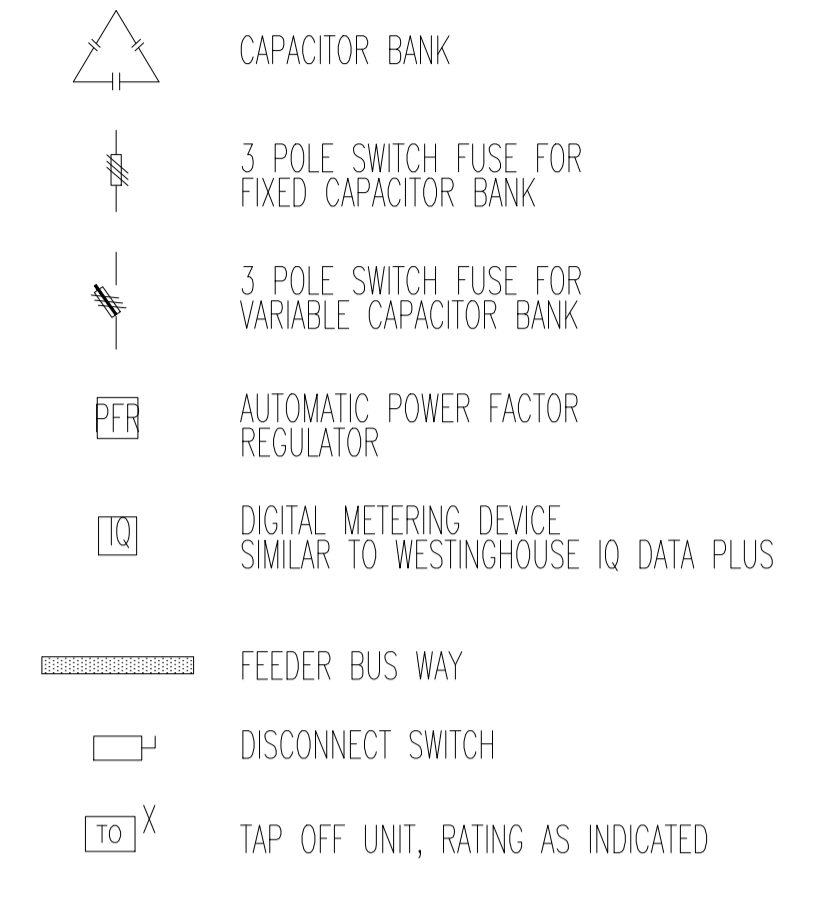
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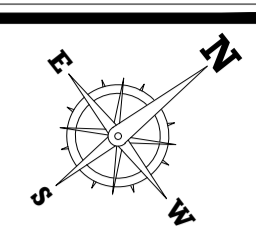
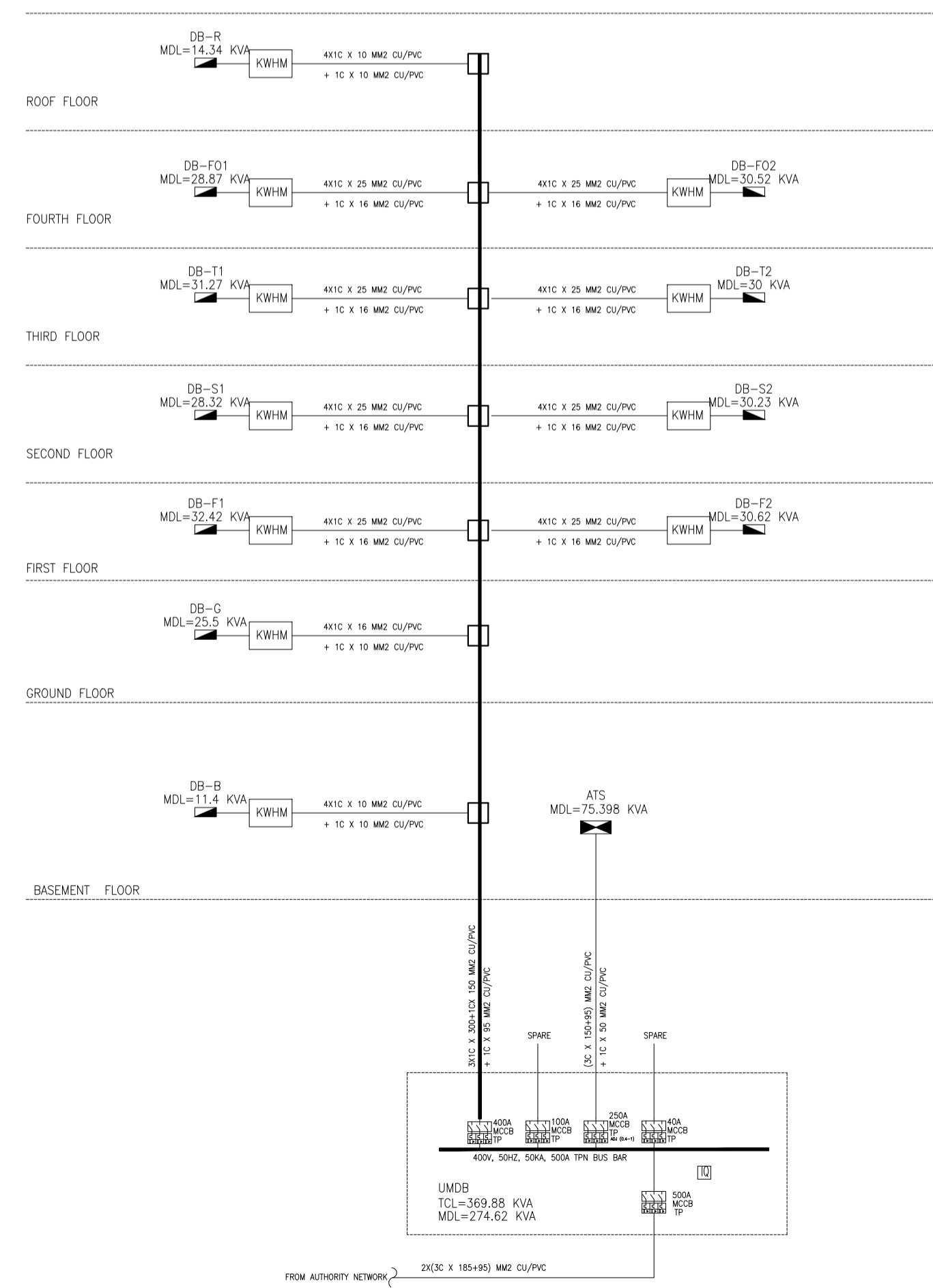
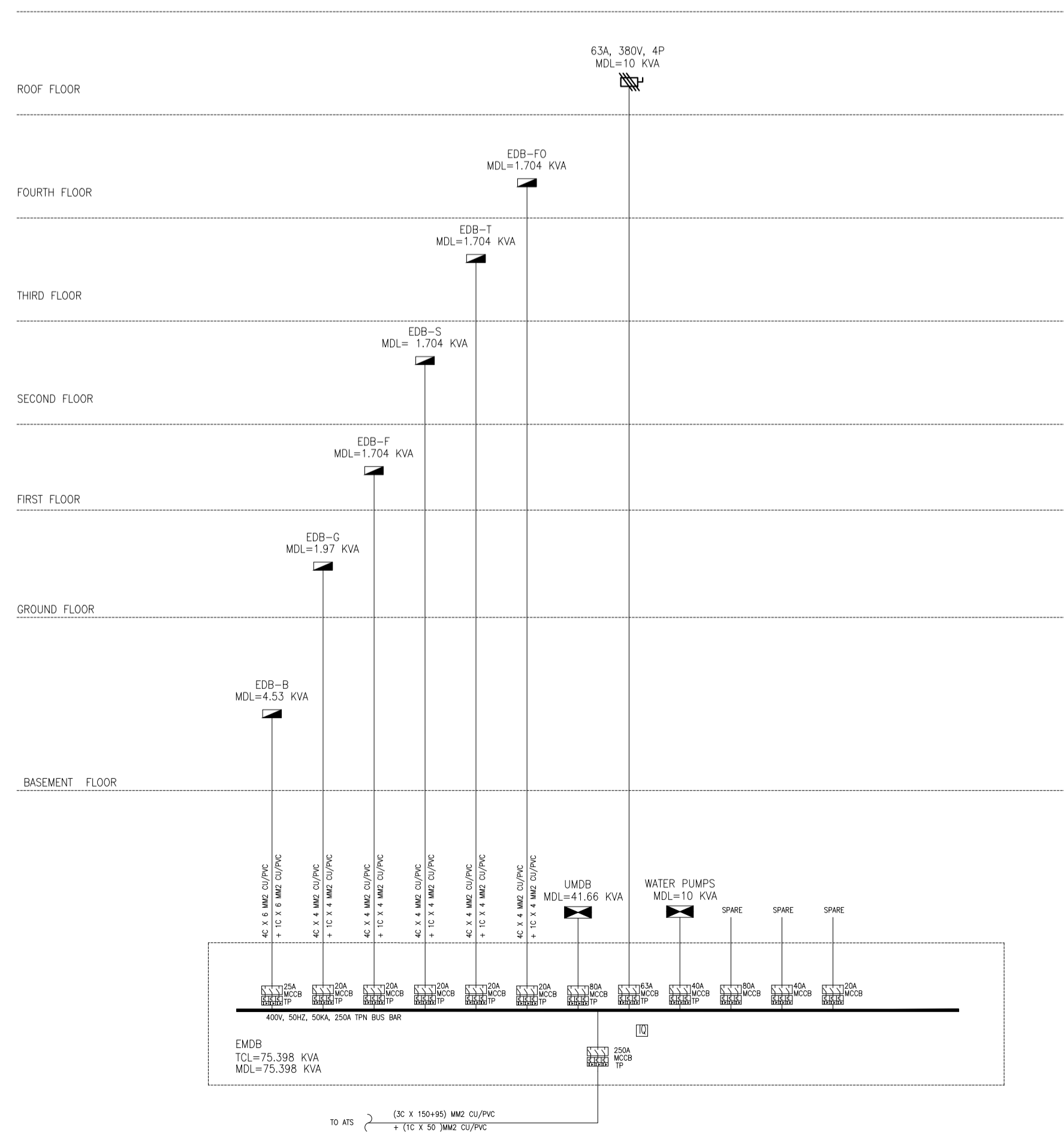
LEGEND:-



(No. OF STEPS X RATING)



NOTE:-
- ALL CABLE SHOULD BE LSOH TYPE. EXCEPT CABLE CONNECTED TO ELEVATORS, FIRE PUMPS & VENTILATION FANS SHOULD BE FIRE RESISTANCE TYPE.



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NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:
UNHCR EGYPT



BUILDING NAME:
RSD / T BUILDING

DRAWING TITLE:
ELECTRICAL RISER DIAGRAM

TEAM WORK:
AMIRA SALAMA

APPROVED BY:
AHMED IBRAHIM

CHECKED BY:
AHMED IBRAHIM

REVISION:
2

DATE:
11 December 2018

House of Experts
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HISHAM FATHY Ph.D
ESSAM FATHY B.Sc

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