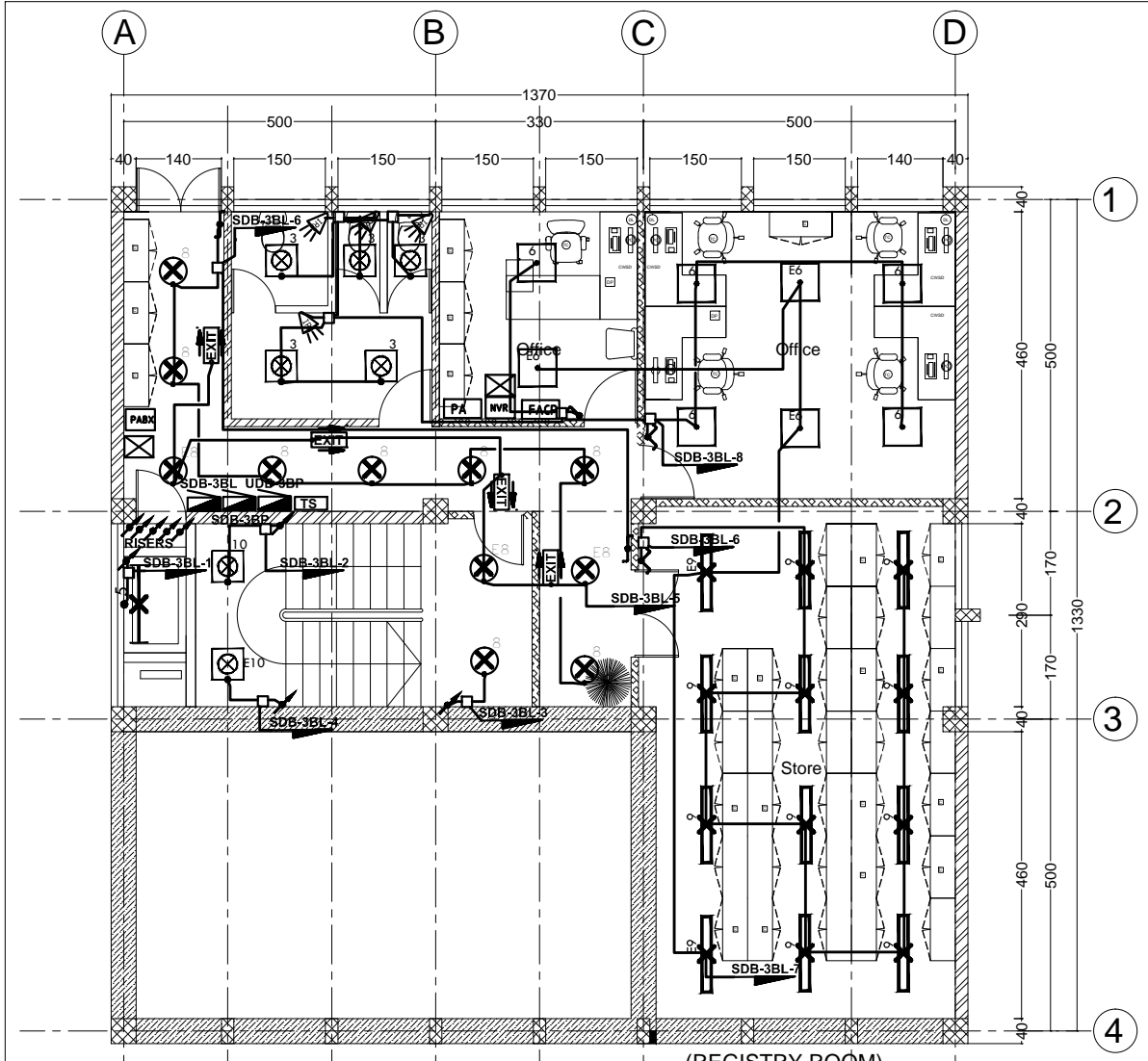
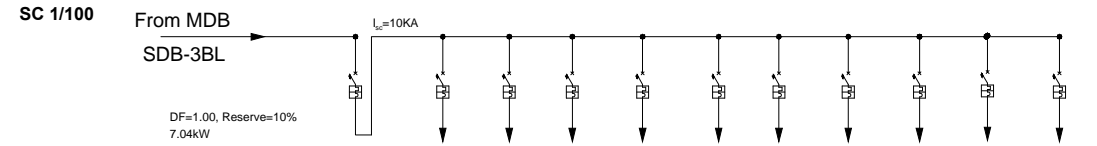


# ELECTRICAL DRAWINGS

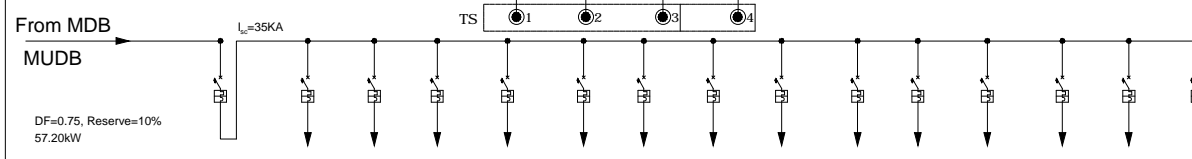




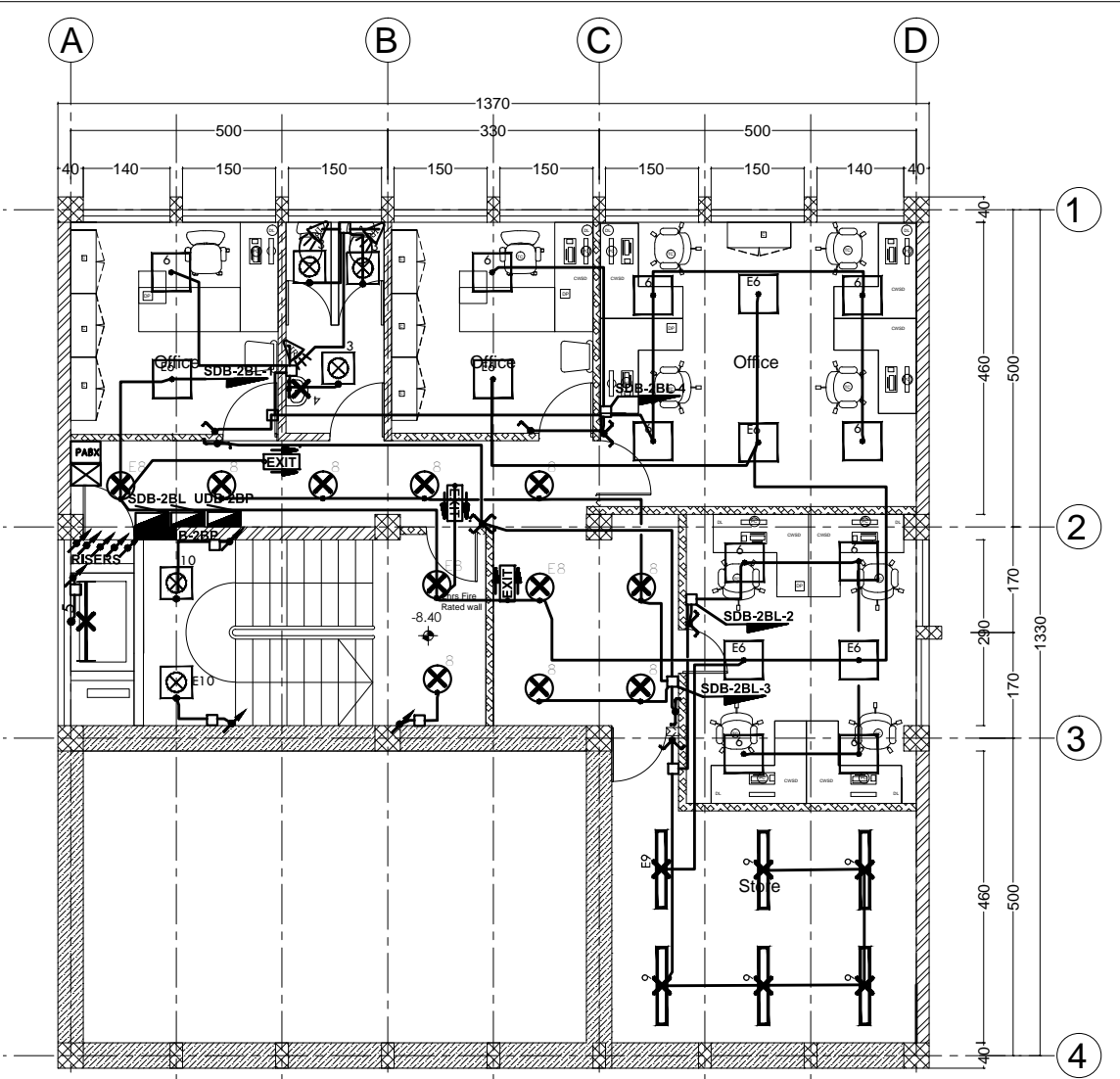
THIRD BASEMENT FLOOR LIGHTING PLAN



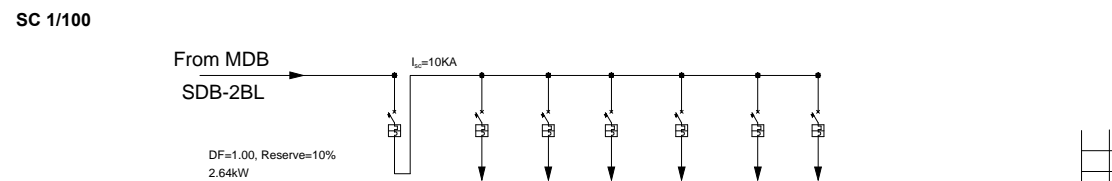
CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare
POWER	KW	6.40	1.04	1.04	1.04	1.04	0.24	0.80	0.40	0.80	
CURRENT	A										
PHASE	RST	RST	R	S	T	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	10	10	10	10	10	10	10	10	10
CABLE SIZE	mm	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10	11	12	13	14
DESCRIPTION	Main Breaker	UDB-3BP	UDB-2BP	UDB-1BP	UDB-GFP	UDB-1FP	UDB-2FP	UDB-3FP	UDB-4FP	UDB-5FP	UDB-6FP	UDB-7FP	UDB-8FP	SPARE	SPARE
POWER	KW	69.32	3.78	3.78	4.68	6.56	6.17	6.17	5.72	5.72	6.32	8.42	6.00	6.00	
CURRENT	A														
PHASE	RST	RST	RST	RST	RST	RST	RST	RST	RST	RST	RST	RST	RST	RST	RST
VOLTAGE	V	380	380	380	380	380	380	380	380	380	380	380	380	380	380
CIRCUIT BREAKERS	POLES	3	3	3	3	3	3	3	3	3	3	3	3	3	3
INTERRUPTING RATING	A	150	20	20	20	25	25	25	25	25	25	25	25	25	25
CABLE SIZE	mm	3x150/95+1x70	5x4	5x4	5x4	5x6	5x6	5x6	5x6	5x6	5x6	5x6	5x6	5x6	5x6

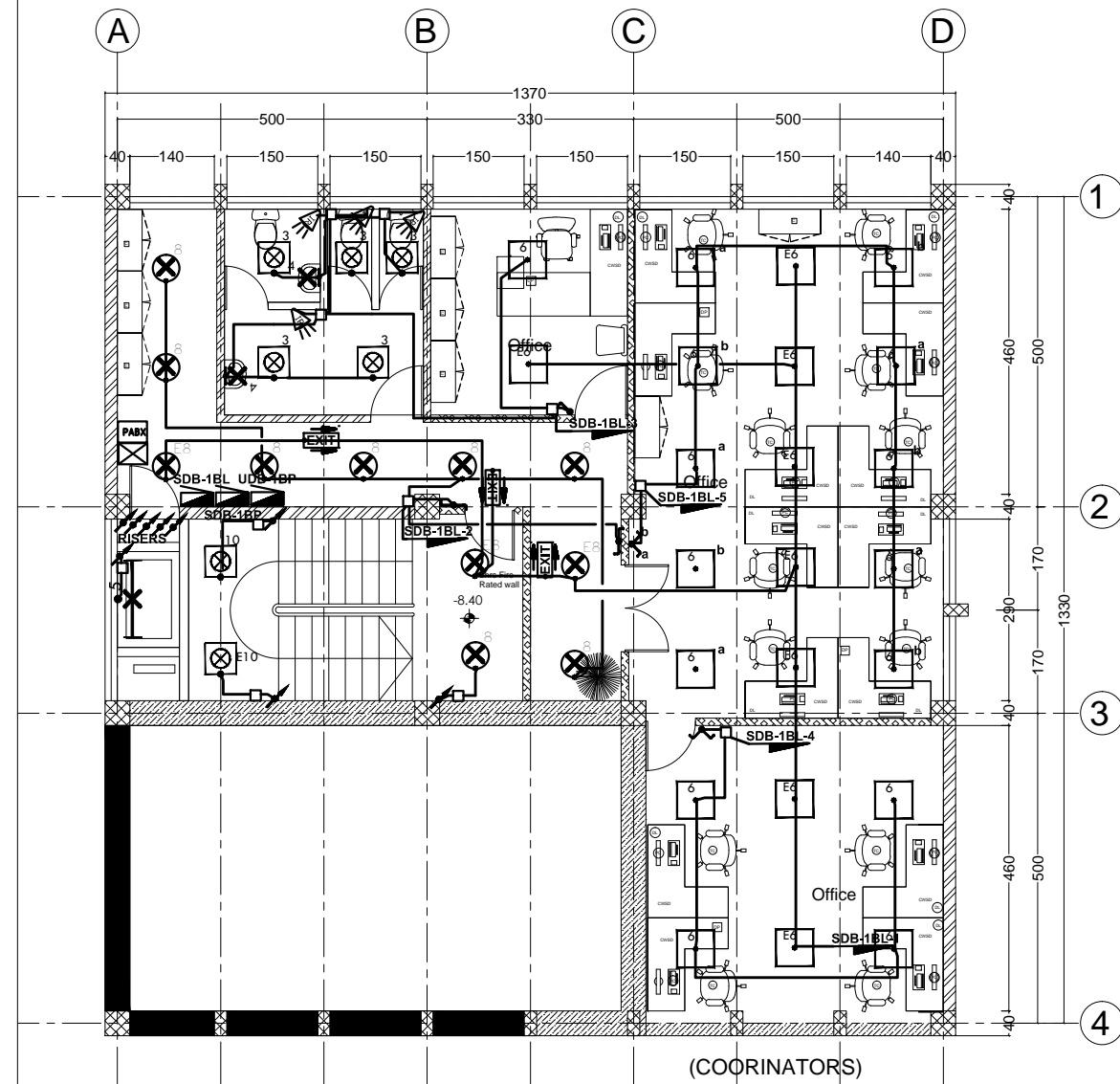


SECOND BASEMENT FLOOR LIGHTING PLAN



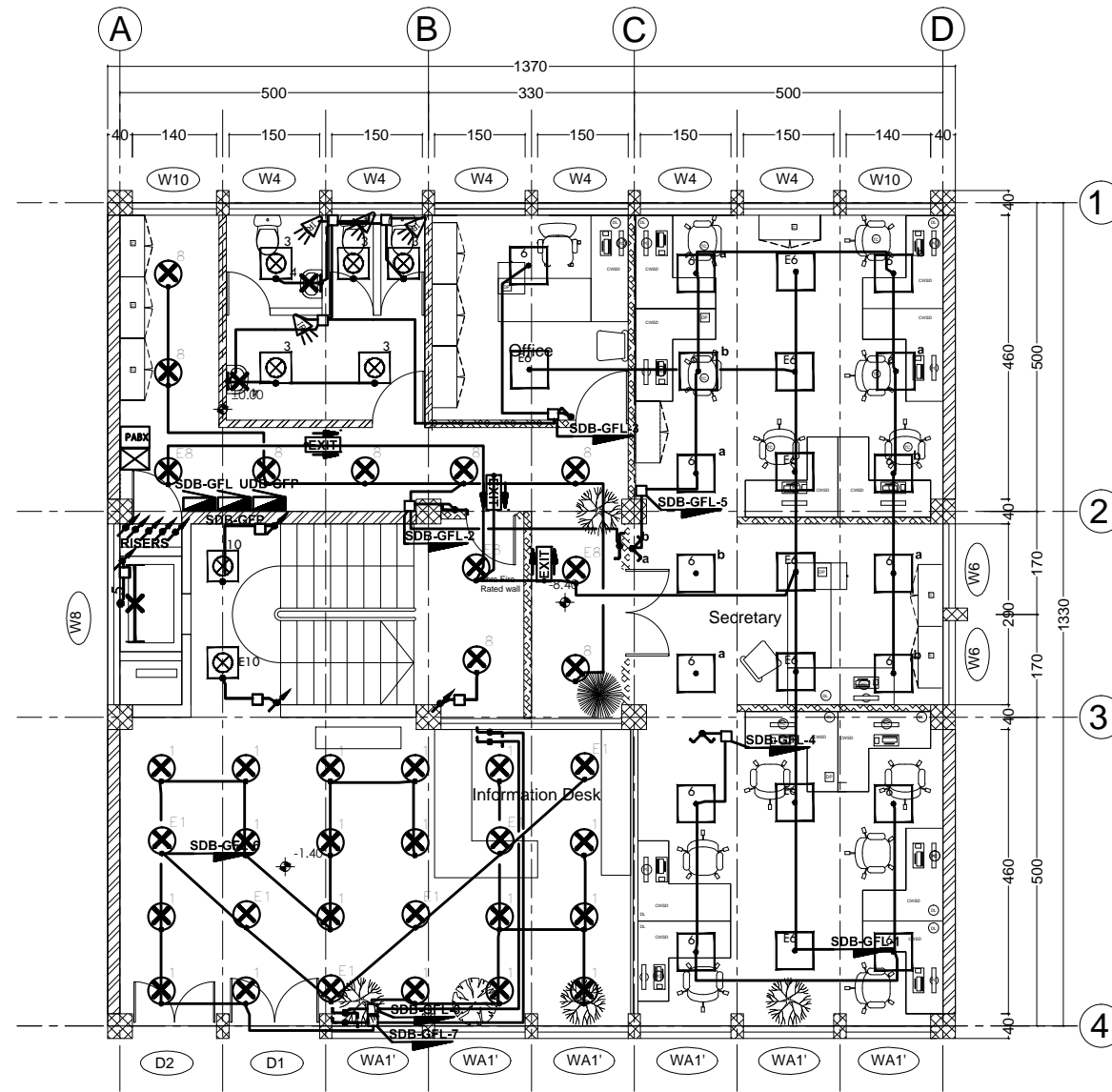
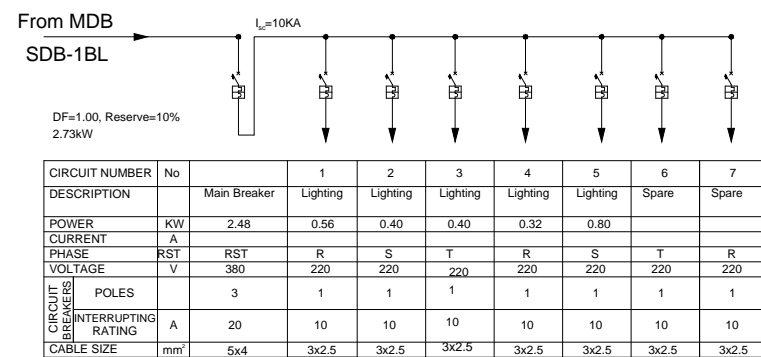
CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Spare	Spare
POWER	KW	2.40	0.72	0.72	0.40	0.56	
CURRENT	A						
PHASE	RST	RST	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10
CABLE SIZE	mm	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

No.	CORRECTION	DATE	SIGN.
<p>CLIENT <b>AFRICAN UNION COMMISSION</b></p> <p>PROJECT <b>Renovation and Furnishing of Building "A"</b></p> <p>LOCATION <b>Addis Ababa, Ethiopia</b></p>			
DRAWING TITLE <b>3B &amp; 2B FLOOR LIGHTING &amp; DISTRIBUTION BOARD SYSTEM PLAN</b>		SCALE 1:50, 1:25	DATE Feb. 2019
DESIGNED BY <b>MENGISTU B.H</b>	REG. NO. <b>PPEE-026</b>	SIGN.	DR. NO. <b>EL FIN</b>
DRAWN BY <b>MENGISTU B.H</b>	PPEE-026		02 / 38
CHECKED BY			
APPROVED BY			

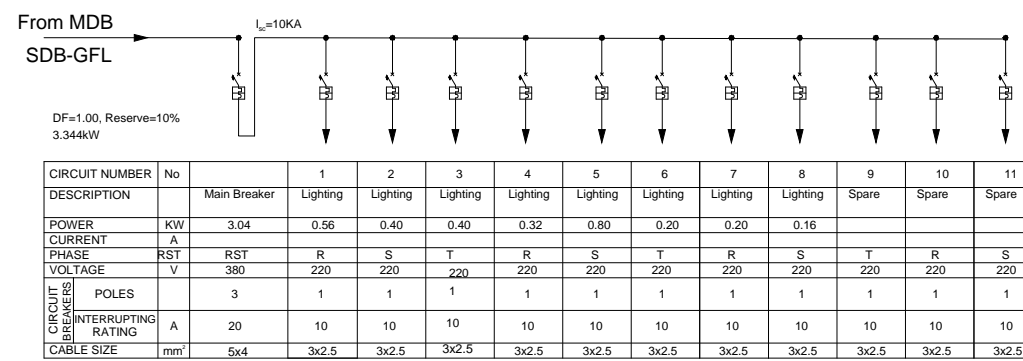


FIRST BASEMENT FLOOR LIGHTING PLAN

SC 1/100

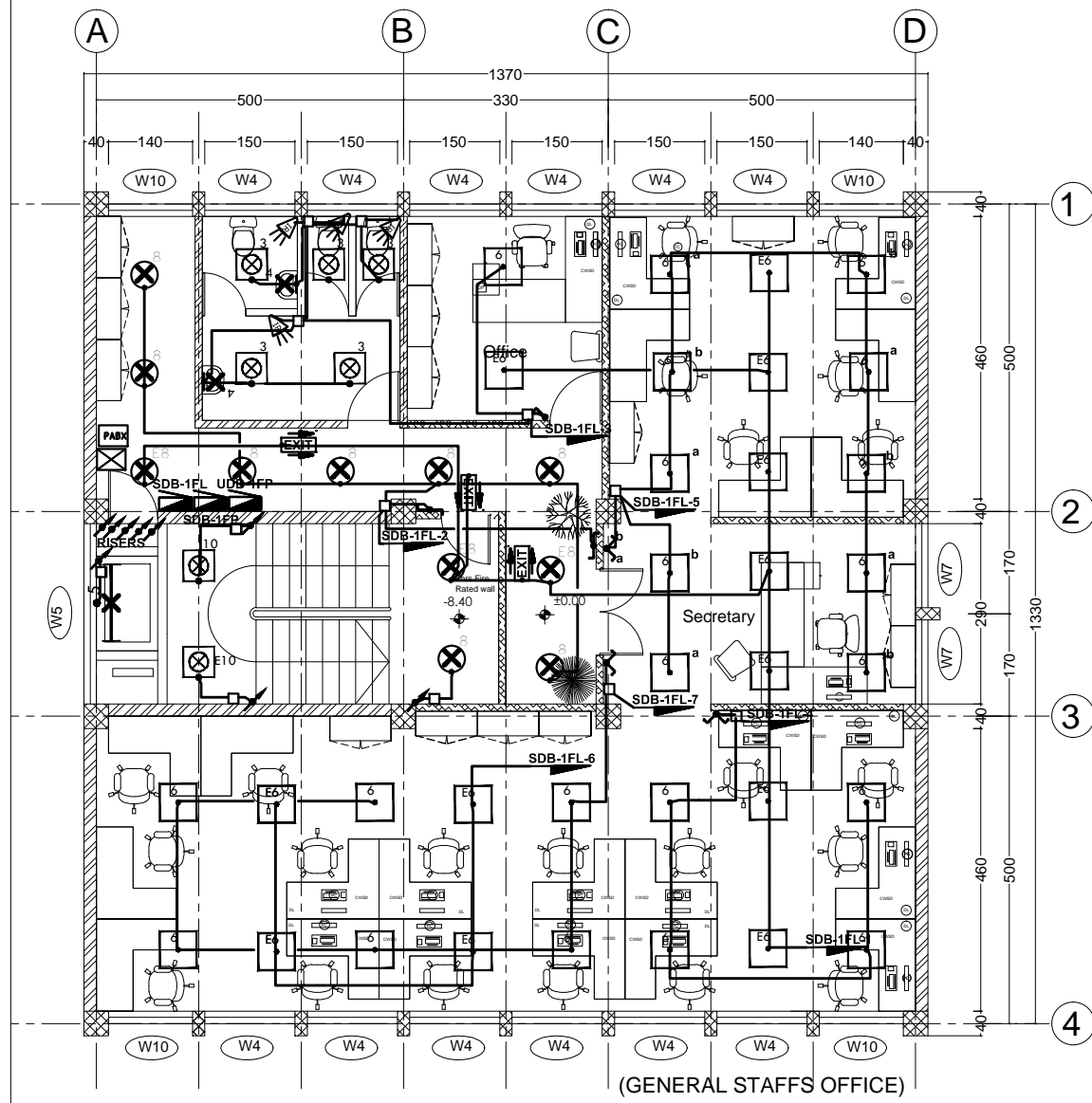


GROUND FLOOR LIGHTING PLAN SC 1/100

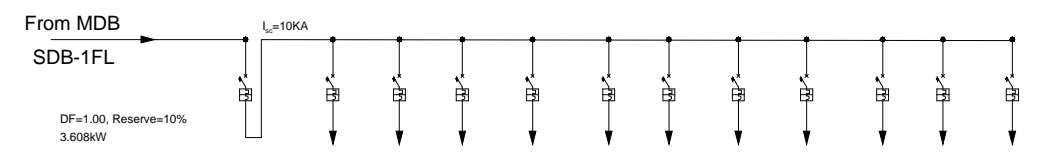


No.	CORRECTION	DATE	SIGN.
 Established 1984 CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co. P.O. Box 1465 Tel: +251-11-52475 FAX: +251-11-533608 silesh@ethionet.et, sileshconsult@yahoo.com ADDIS ABABA, ETHIOPIA			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
1B & G FLOOR LIGHTING & DISTRIBUTION BOARD SYSTEM PLAN		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			03 / 38
APPROVED BY			

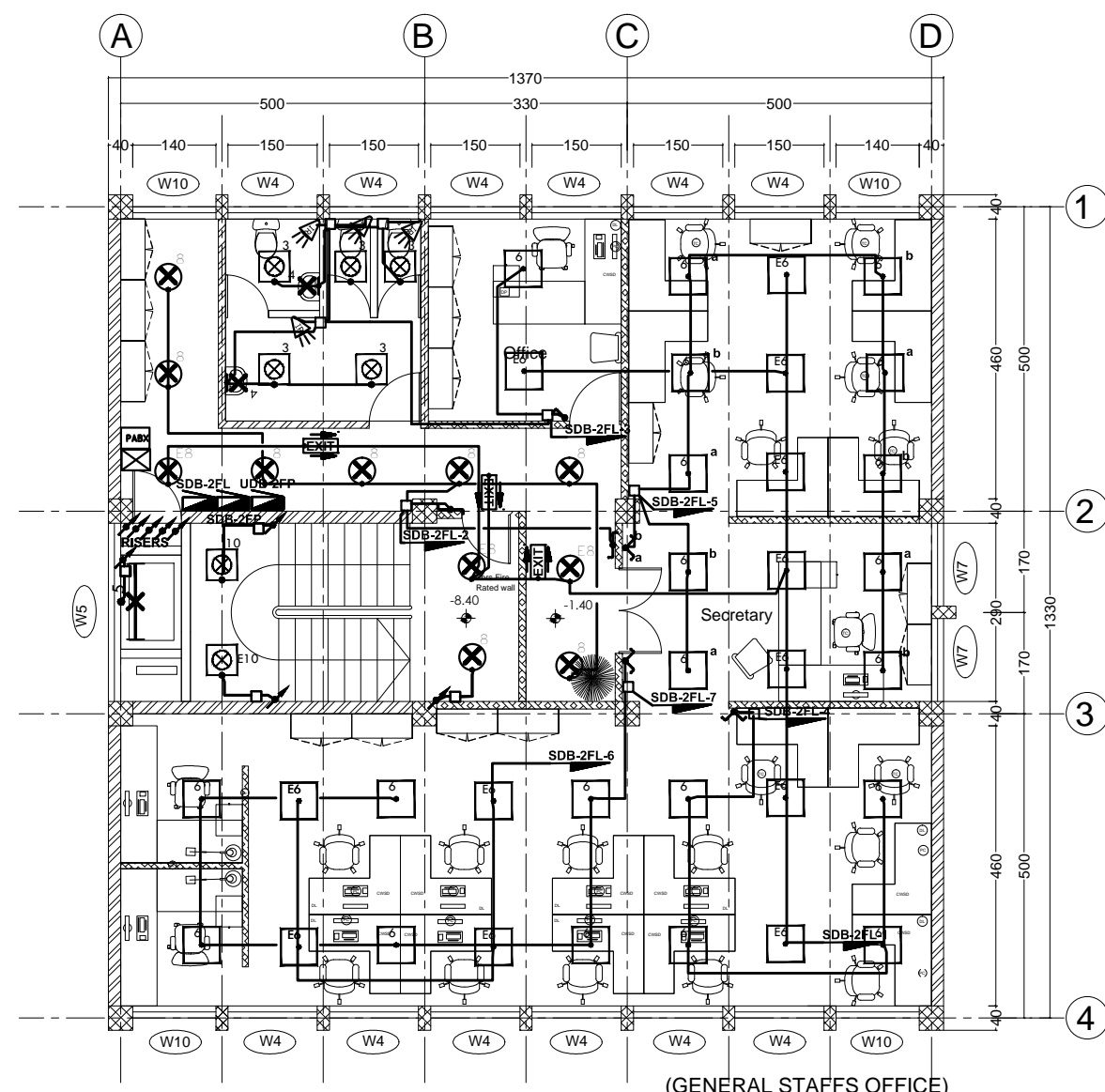




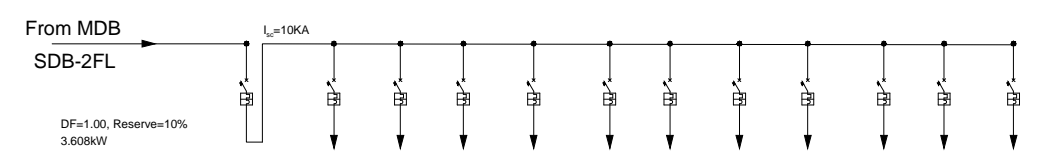
(GENERAL STAFFS OFFICE)  
FIRST FLOOR LIGHTING PLAN



CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10	11
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare	Spare
POWER	KW	3.28	0.56	0.40	0.40	0.32	0.80	0.32	0.48			
CURRENT	A											
PHASE	RST	RST	R	S	T	R	S	T	R	S	T	R
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

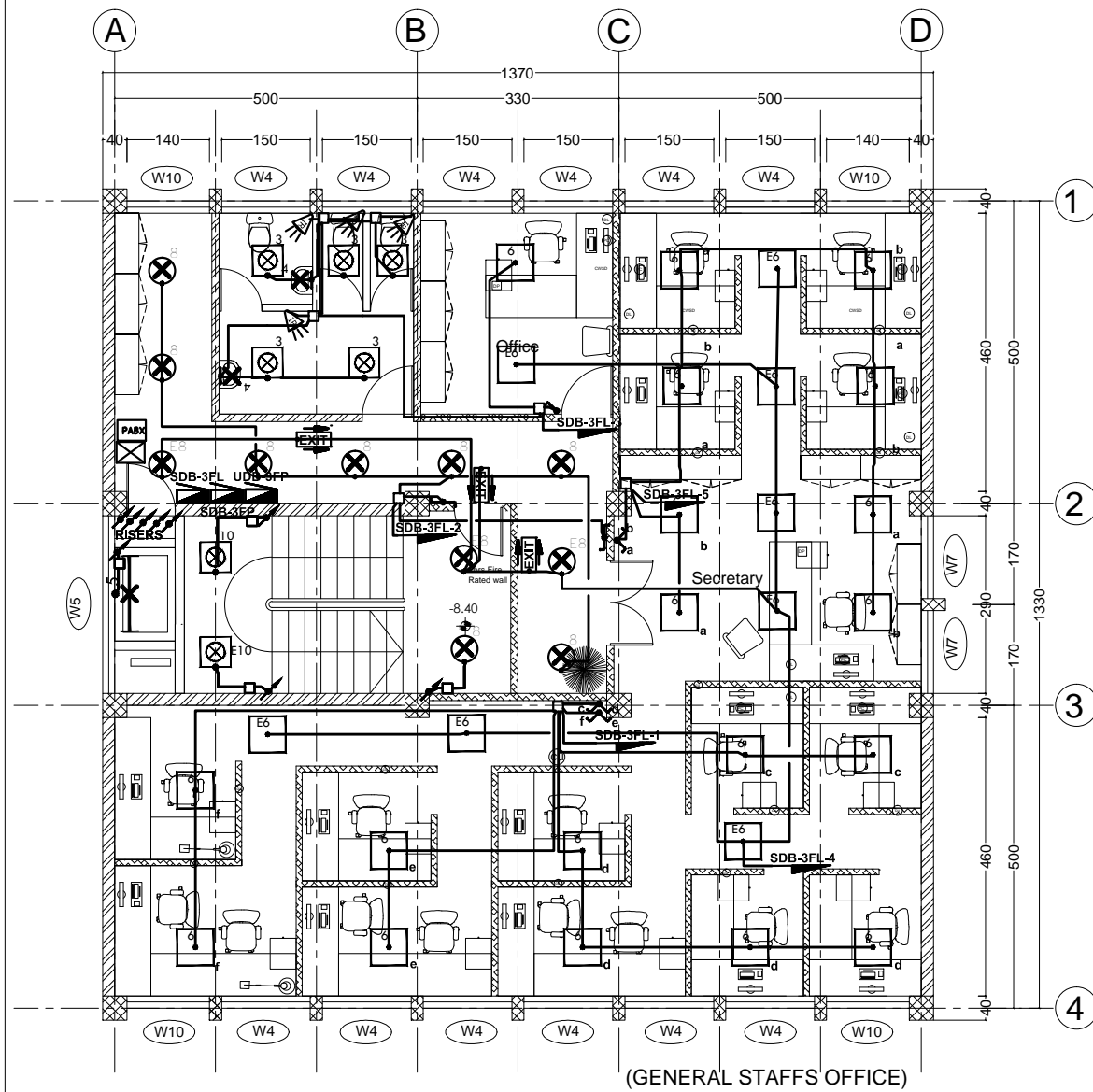


(GENERAL STAFFS OFFICE)  
SECOND FLOOR LIGHTING PLAN



CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10	11
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare	Spare
POWER	KW	3.28	0.56	0.40	0.40	0.32	0.80	0.32	0.48			
CURRENT	A											
PHASE	RST	RST	R	S	T	R	S	T	R	S	T	R
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

No.	CORRECTION	DATE	SIGN.
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CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
1F & 2F LIGHTING & DISTRIBUTION BOARD SYSTEM PLAN		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			04 / 38
APPROVED BY			

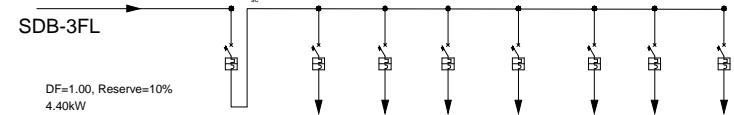


(GENERAL STAFFS OFFICE)

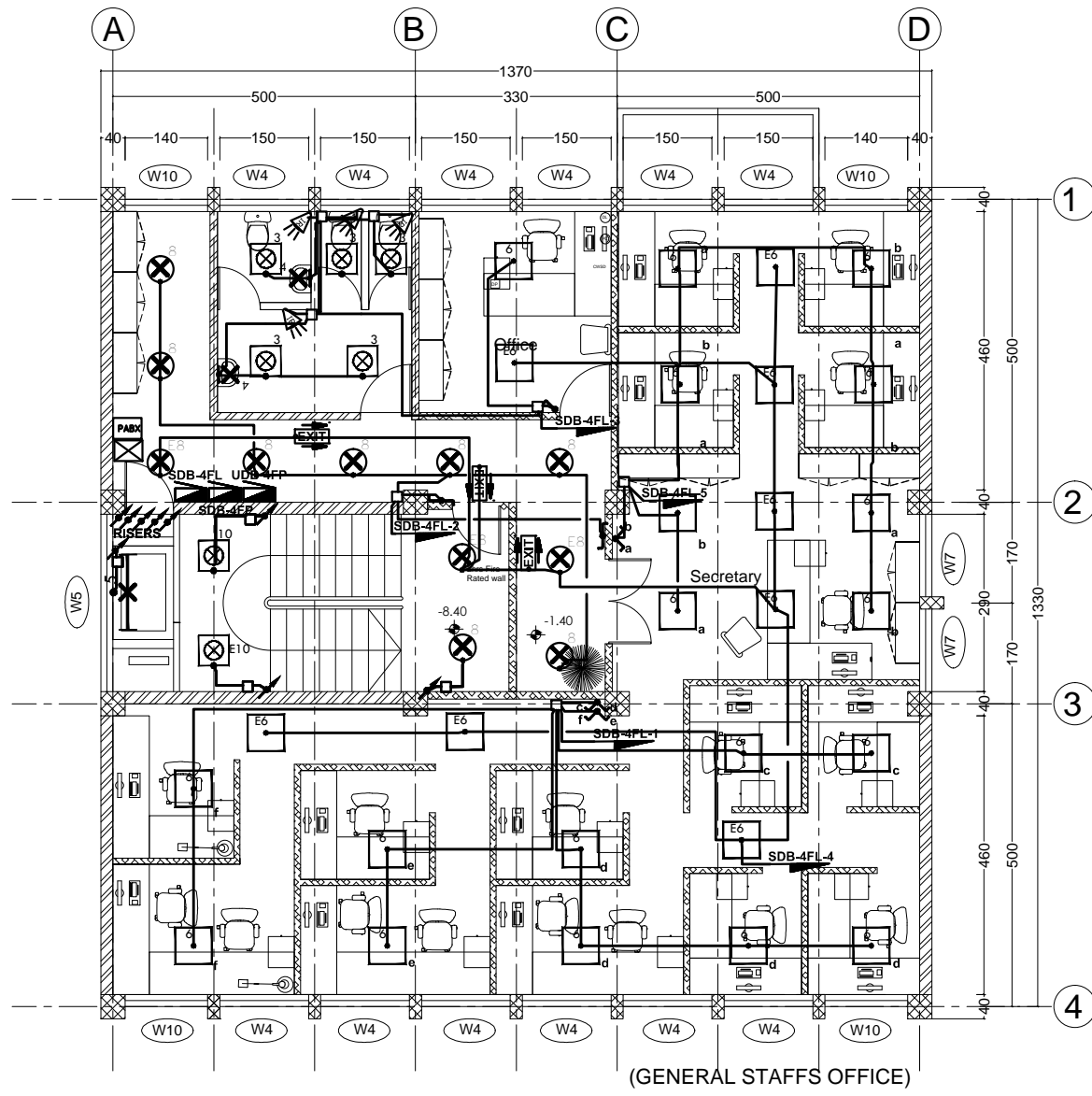
### THIRD FLOOR LIGHTING PLAN

SC 1/100

From MDB



CIRCUIT NUMBER	No	1	2	3	4	5	6	7
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare
POWER	KW	4.00	0.80	0.40	0.40	0.80	0.80	
CURRENT	A							
PHASE	RST	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

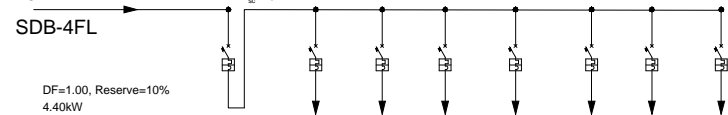


(GENERAL STAFFS OFFICE)


### FOURTH FLOOR LIGHTING PLAN

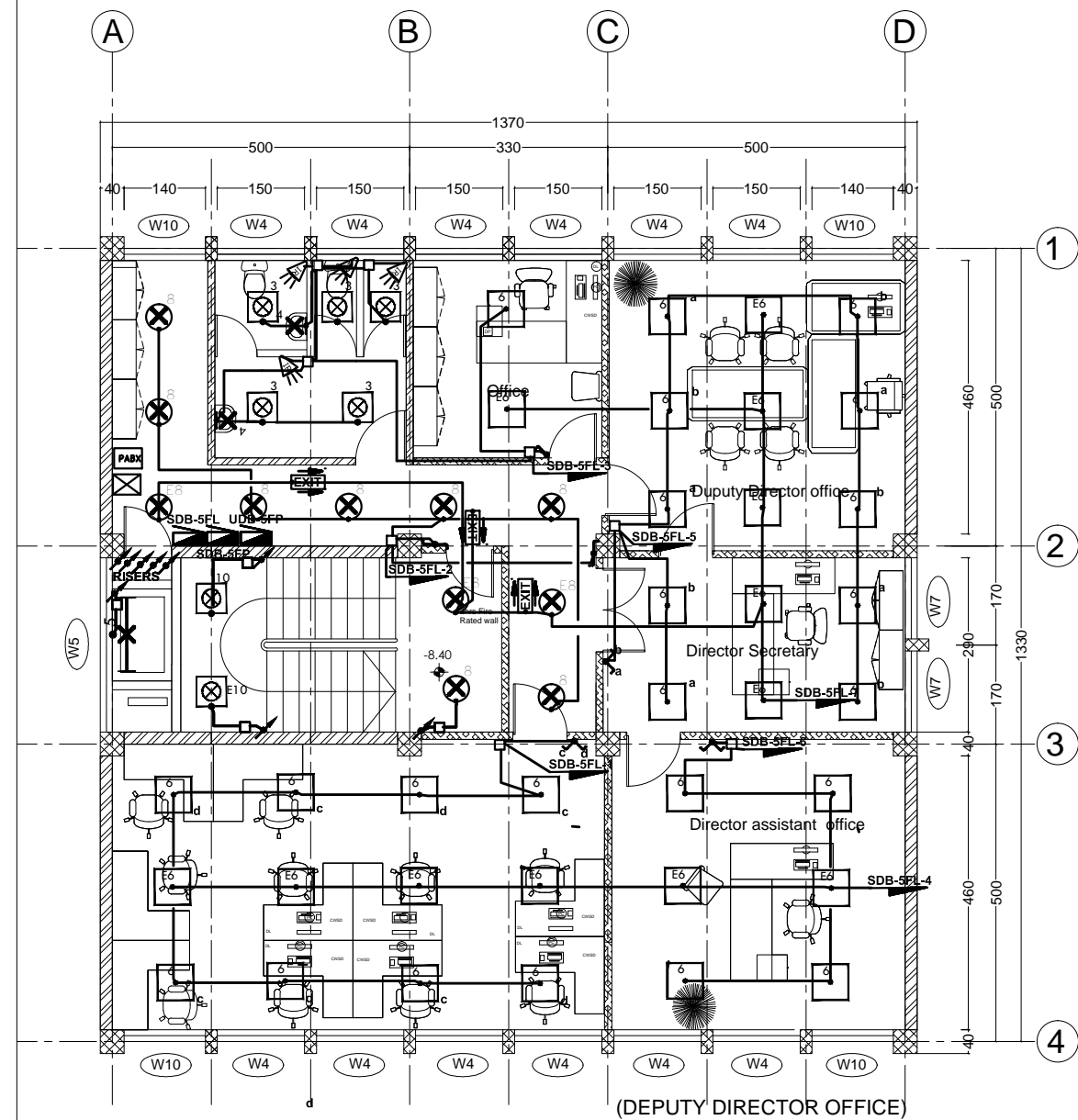
SC 1/100

From MDB

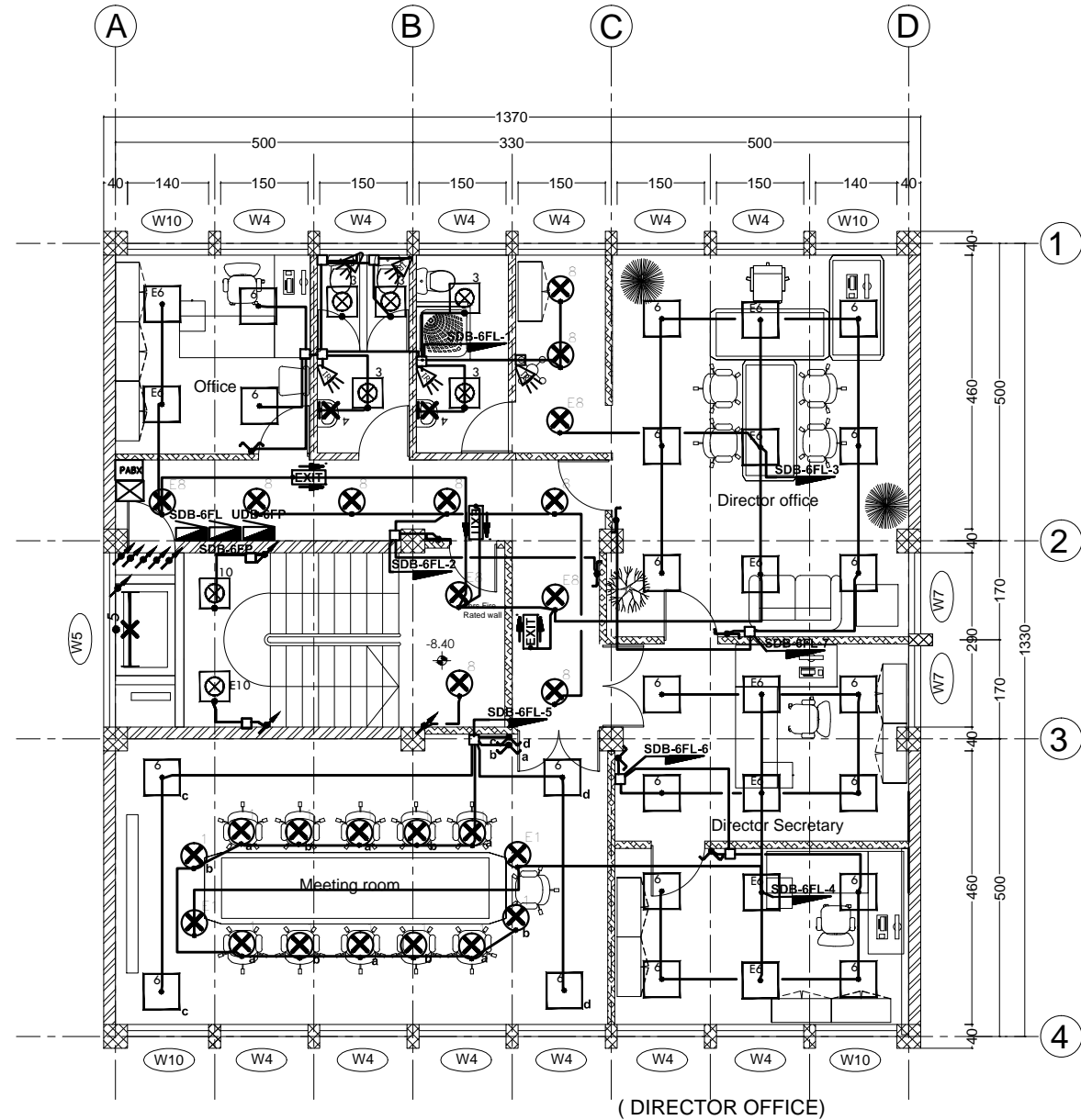


CIRCUIT NUMBER	No	1	2	3	4	5	6	7
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare
POWER	KW	4.00	0.80	0.40	0.40	0.80	0.80	
CURRENT	A							
PHASE	RST	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

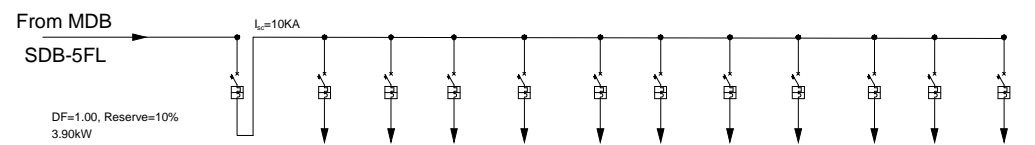
No.	CORRECTION	DATE	SIGN.
 Established 1984 CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co. P.O. Box 1465, Tel: +251-11-52475, FAX: +251-11-53368, sileshj@ethionet.et, sileshjconsult@yahoo.com ADDIS ABABA, ETHIOPIA			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
<b>Renovation and Furnishing of Building "A"</b>			
LOCATION			
<b>Addis Ababa, Ethiopia</b>			
DRAWING TITLE		SCALE	
<b>3F &amp; 4F LIGHTING &amp; DISTRIBUTION BOARD SYSTEM PLAN</b>		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			<b>05 / 38</b>
APPROVED BY			



(DEPUTY DIRECTOR OFFICE)  
FIFTH FLOOR LIGHTING PLAN sc 1/100

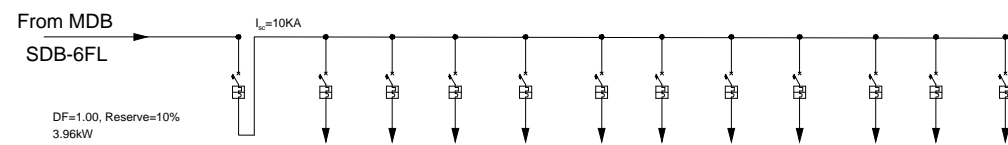


(DIRECTOR OFFICE)  
SIXTH FLOOR LIGHTING PLAN sc 1/100



DF=1.00, Reserve=10%  
3.90kW

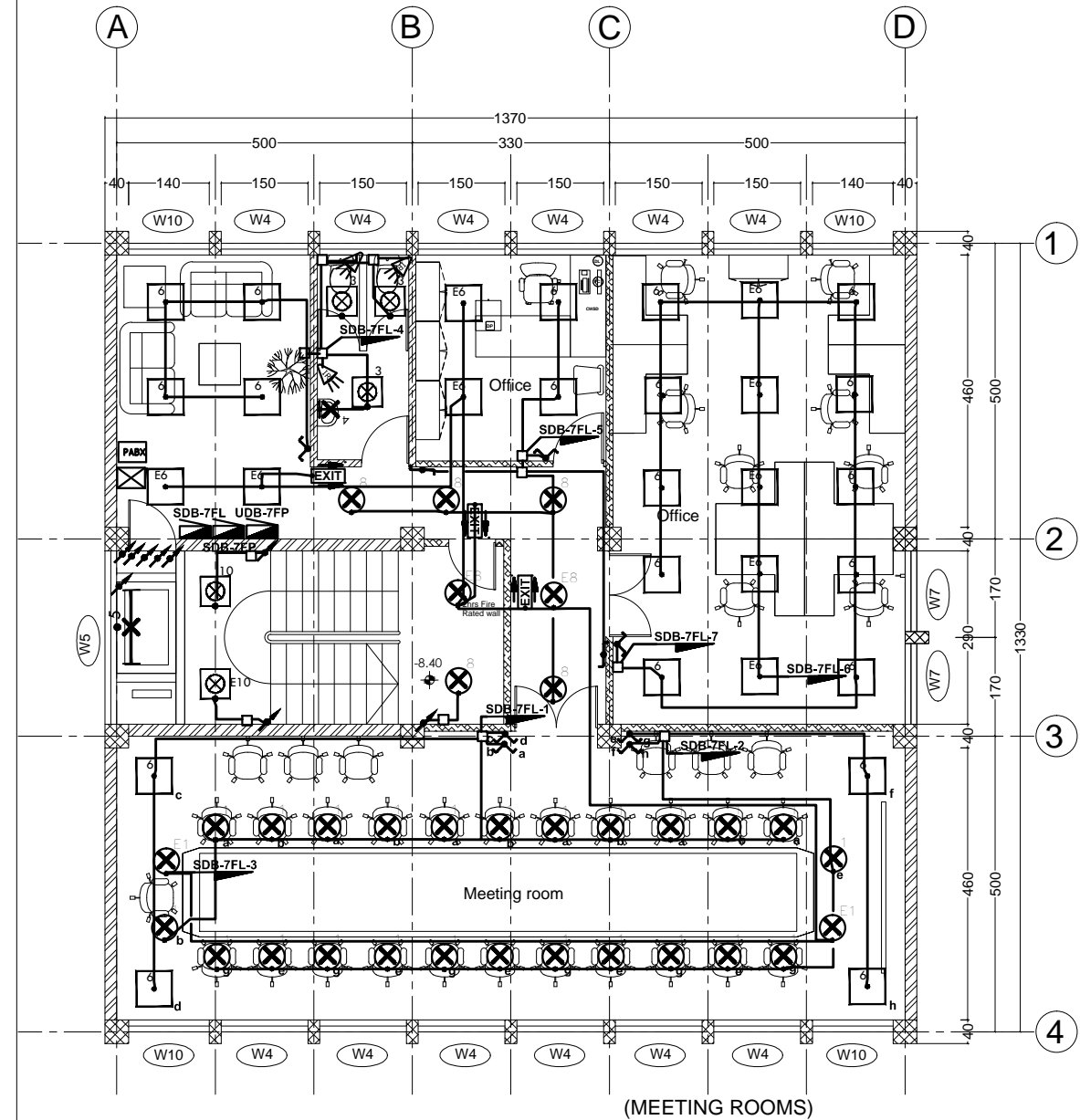
CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10	11
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare	Spare
POWER	KW	3.52	0.64	0.48	0.48	0.32	0.64	0.32	0.64			
CURRENT	A											
PHASE	RST	RST	R	S	T	R	S	T	R	S	T	R
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



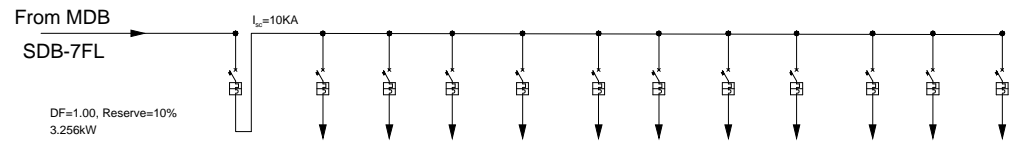
DF=1.00, Reserve=10%  
3.96kW

CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10	11
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare	Spare
POWER	KW	3.60	0.48	0.40	0.48	0.32	0.64	0.64	0.64			
CURRENT	A											
PHASE	RST	RST	R	S	T	R	S	T	R	S	T	R
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

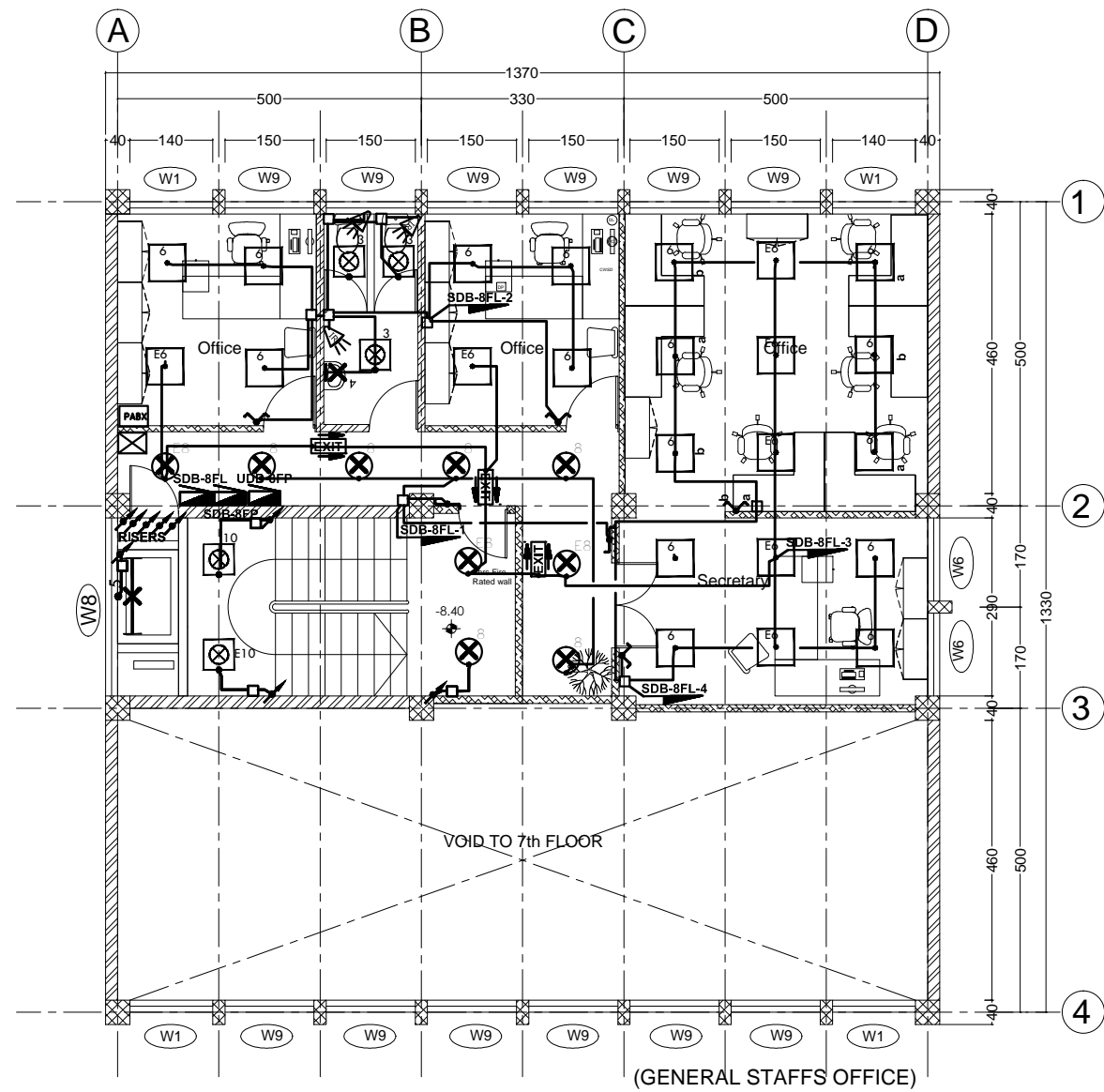
No.	CORRECTION	DATE	SIGN.
 Established 1984 CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co. P.O. Box 1465, Tel: +251-11-52475, FAX: +251-11-533608, sileshj@ethionet.et, sileshjconsult@yahoo.com ADDIS ABABA, ETHIOPIA			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
SF & BF LIGHTING & DISTRIBUTION BOARD SYSTEM PLAN		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			06 / 38
APPROVED BY			



SEVENTH FLOOR LIGHTING PLAN SC 1/100

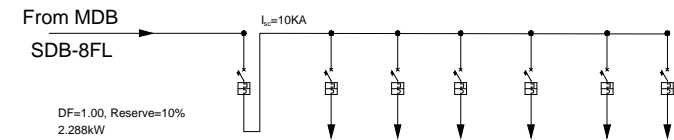


CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10	11
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare	Spare	Spare
POWER	KW	2.96	0.40	0.40	0.40	0.32	0.24	0.40	0.80			
CURRENT	A											
PHASE	RST	RST	R	S	T	R	S	T	R	S	T	R
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



EIGHTH FLOOR LIGHTING PLAN

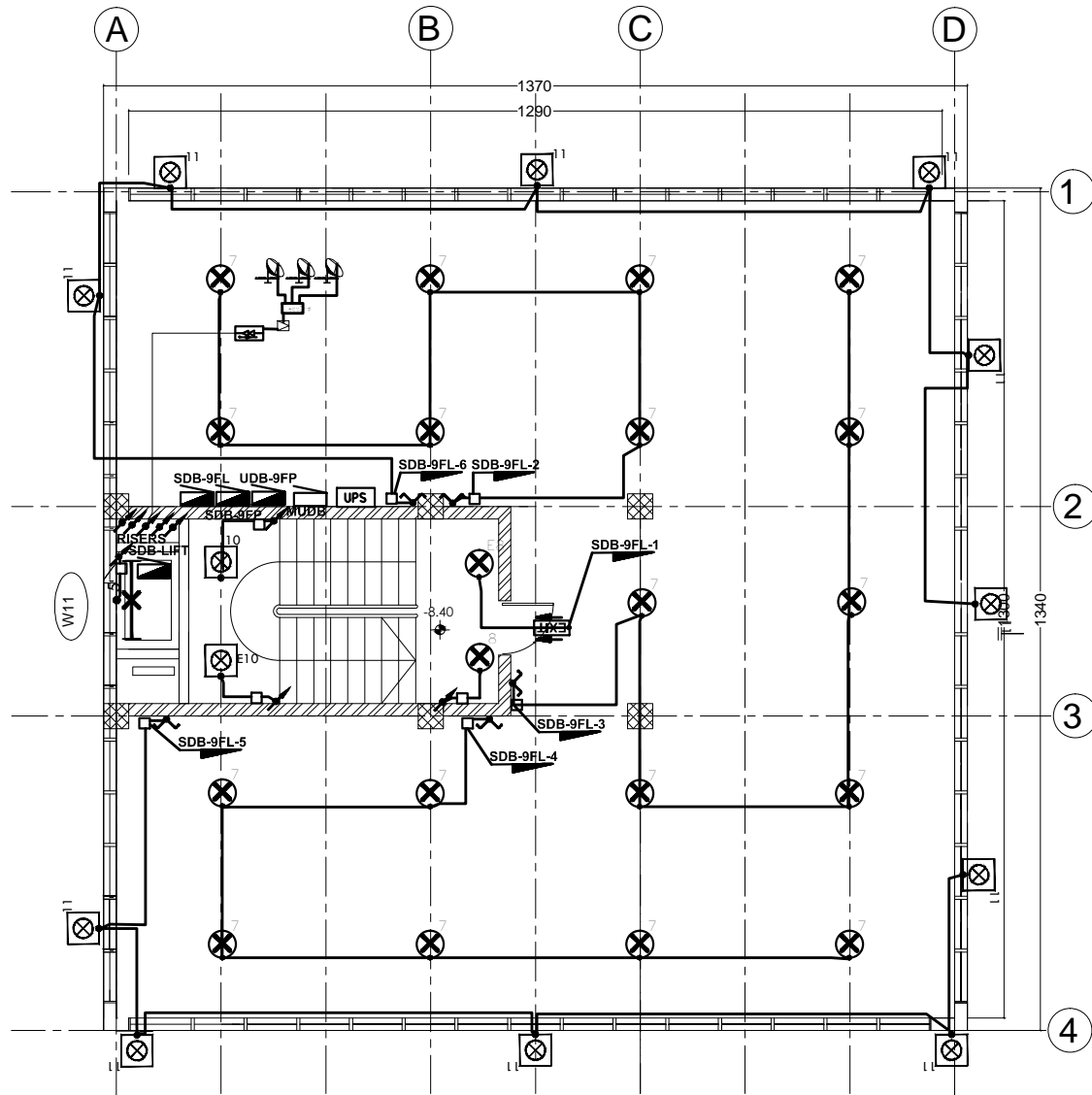
SC 1/100



CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Spare	Spare
POWER	KW	2.08	0.24	0.48	0.56	0.80	
CURRENT	A						
PHASE	RST	RST	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

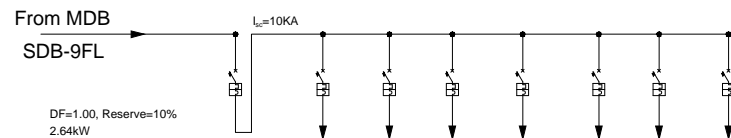
No.	CORRECTION	DATE	SIGN.
 Silesh Consult Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co.          P.O. Box 1465, Tel: +251-11-52475, FAX: +251-11-533608,          sicon@ethionet.et, sileshconsult@yahoo.com          ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
7F & 8F LIGHTING & DISTRIBUTION BOARD SYSTEM PLAN		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO.
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			07 / 38
APPROVED BY			





### NINTH FLOOR LIGHTING PLAN

SC 1/100



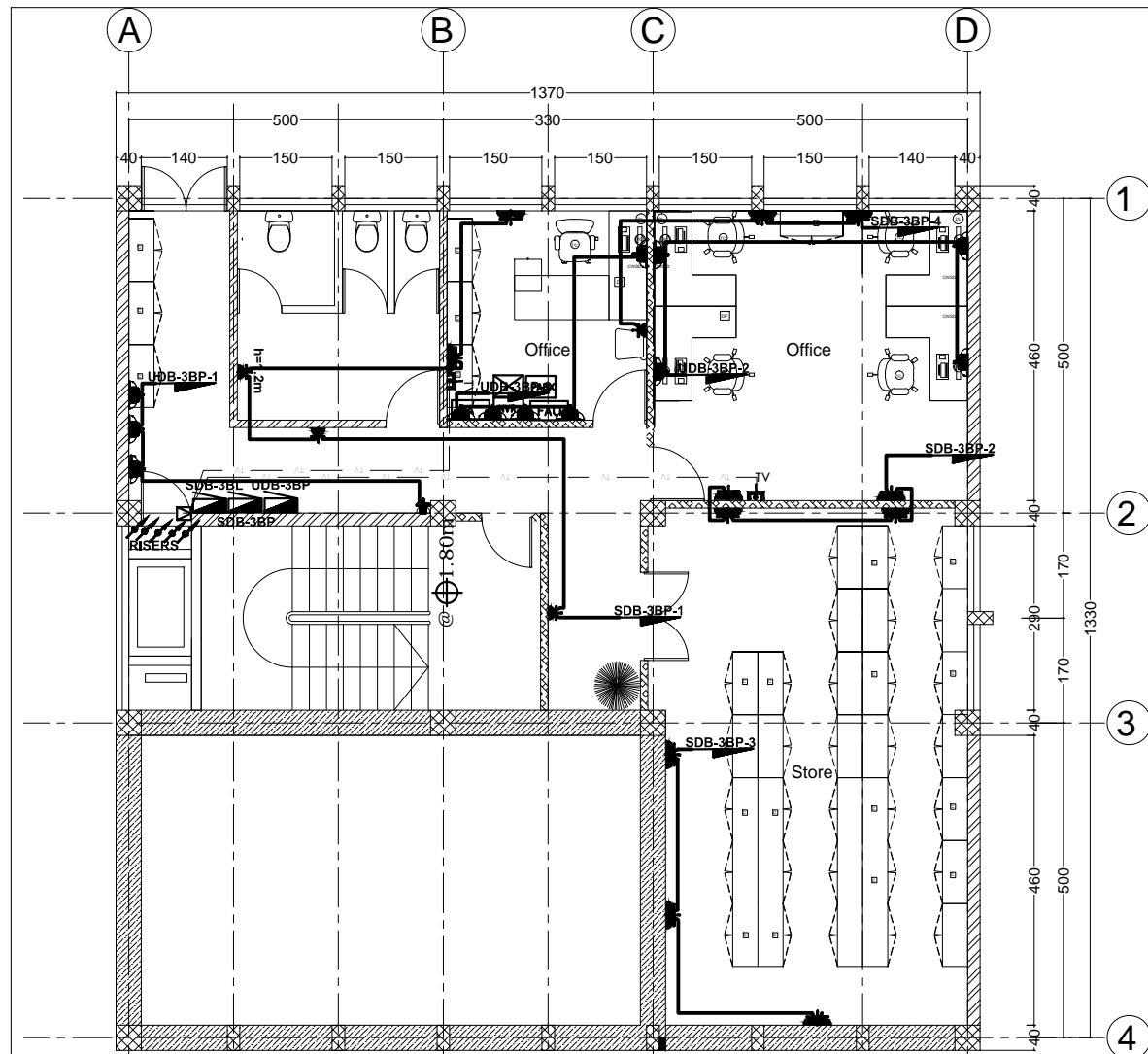
DF=1.00, Reserve=10%  
2.64kW

CIRCUIT NUMBER	No	1	2	3	4	5	6	7
DESCRIPTION	Main Breaker	Lighting	Lighting	Lighting	Lighting	Lighting	Spare	Spare
POWER	KW	2.40	0.10	0.60	0.60	0.60	0.50	
CURRENT	A							
PHASE	RST	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1	1
INTERRUPTING RATING	A	20	10	10	10	10	10	10
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

### LIGHT FITTINGS SCHEDULE AND LEGEND

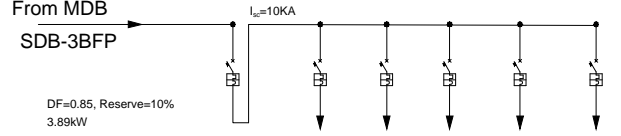
- RZB 901573.002 + LED 8W(CONFERENCE HALL)
  - RZB 901464.00X +LED 49W(KITCHEN)
  - RZB 901551.002+LED5W(TOILET)
  - RZB 451168.002 +LED 10W(TOILET)
  - RZB311956.000+LED 38W(LIFT SHAFT)
  - RZB 901580.002.1.76 +LED 38W(OFFICE)
  - RZB 901580.002.1.76 +LED 38W+2HRS EMERGENCY BATTERY(OFFICE)
  - PHILIPS RS0108 + 1xLED5/830
  - PHILIPS TBS 411 +1xTL5 28W/830
  - PHILIPS BCS402 + 9xLED - HB/NW
  - PHILIPS BCS402 + 9xLED - HB/NW + 2HRS EMERGENCY BATTERY
  - RZB 901573.002 + LED 8W + 2HRS EMERGENCY BATTERY
  - RZB 921455.003 + LED 94W
  - PHILIPS RS0108 + 1xLED5/830 +2HRS EMERGENCY BATTERY
  - PHILIPS TBS 411 +1xTL5 28W/830+ 2HRS EMERGENCY BATTERY
  - OSRAM 4008321940155 HALODIUM II SYM TS 70W NAV
  - EXIT SIGN LIGHT TYPE DISANO
  - SINGLE POLE ON-OFF SWITCH
  - TWO CIRCUIT/DOULE POLE GANG SWITCH
  - TWO WAY SWITCH
  - INTERMEDIATE SWITCH
  - DIMER SWITCH
  - THREE CIRCUIT/TRIPPLE POLE GANG SWITCH
  - INFRARED MOTION DETECTOR h=1.9m
  - ILLUMINATED PUSH BUTTON
  - SUB-DISTRIBUTION BOARD
  - MAIN DISTRIBUTION BOARD
  - ENERGY METER
  - AUTOMATIC TURN OVER SWITCH
  - TUMBLER SWITCH
  - 10/16 A SINGLE SOCKET OUTLET
  - 20A SOCKET OUTLET WITH SWITCH FOR STOVE/STEAM /JACCLUZZI/SAUNA/COLD ROOM
  - 10/16 A TWIN SOCKET OUTLET
  - 10/16 A SINGLE UPS SOCKET OUTLET
  - 10/16 A TWIN UPS SOCKET OUTLET
  - 16A SOCKET OUTLET INSTALL AT H=1.8M WITH DISCONNECT SWITCH
  - LIGHT CONTROL BUTTON
  - LINE TO UP FLOOR
  - THREE PHASE SOCKET OUTLET
  - NOTE: ALL EMERGENCY AND EXIT LIGHT IS NOT CONTROLLED BY EXTRAOVER LIGHT POINTS**
- FLOOR MOUNTED 4V/4D
  - FLOOR MOUNTED 2V/2D
  - FLOOR MOUNTED 1V/1D
  - FLOOR MOUNTED 1V
  - FLOOR MOUNTED 1D
  - JUNCTION BOX 100X100MM
  - JUNCTION BOX DIA. 85MM
  - LINE TO DOWN FLOOR
  - HOMERUN
  - MANHOLE 1000X1000X1000MM
  - TV OUTLET
  - UPS SOCKET OUTLET WITH SWITCH FOR LAB EQUIPMENTS FLOOR AND WALL MOUNTED
  - TELE TVJB 15X10MM
  - TELEPHONE DISTRIBUTION FRAME
  - TELEPHONE OUTLET
  - DATA OUTLET
  - ACCESS POINT/WI-FI
  - TELEPHONE EXCHANGE
  - CISCO SWITCH
  - POWER SUPPLY UNIT
  - BATTERY
  - FIRE ALARM CONTROL PANEL
  - IONIZATION SMOKE DETECTOR
  - RATE OF RISE TEMPERATURE DETECTOR
  - MANUAL CALL POIT
  - ALARM BELL
  - PUBLIC ADDRESS PANEL
  - UNINTURUPTED POWER SUPPLY
  - 20A SOCKET OUTLET WITH SWITCH FOR STOVE ROOM FLOOR MOUNTED
  - 10/16 A TWIN UPS SOCKET OUTLET FLOOR MOUNTED
  - 10/16 A TWIN SOCKET OUTLET FLOOR MOUNTED
  - SPEAKER WITH VOLUME CONTROL
  - SPEAKER WITH OUT VOLUME CONTROL
  - IP BASED DIGITAL VIDEO RECORDER
  - PTZ CAMERA WITH DOME HOUSING SURFACE MOUNTED
  - THREE PHASE INDUSTRIAL SOCKET OUTLET
  - 9 DOORS CONTROLLER
  - PROXIMITY READER
  - MAGNETIC LOCK
  - DOOR CONTACT
  - REX
  - FIXED CAMERA
  - MAIN UPS DISTRIBUTION BOARD
  - DIGITAL LIGHT CONTROL PANEL
  - SATELLIET DISH WITH HEAD END

No.	CORRECTION	DATE	SIGN.
 Sileshj Consult Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co.          P.O. Box 1465, Tel: +251-11-52475, FAX: +251-11-533608,          sileshj@ethionet.et, sileshjconsult@yahoo.com          ADDIS ABABA, ETHIOPIA</small>			
CLIENT <b>AFRICAN UNION COMMISSION</b>			
PROJECT <b>Renovation and Furnishing of Building "A"</b>			
LOCATION <b>Addis Ababa, Ethiopia</b>			
DRAWING TITLE <b>9F LIGHTING ,LEGEND &amp; DISTRIBUTION BOARD SYSTEM PLAN</b>		SCALE 1:50 ,1:25	
		DATE Feb. 2019	
DESIGNED BY MENGISTU B.H	REG. No. PPEE-026	SIGN.	DR. NO <b>EL FIN</b>
DRAWN BY MENGISTU B.H	PPEE-026		<b>08 / 38</b>
CHECKED BY			
APPROVED BY			

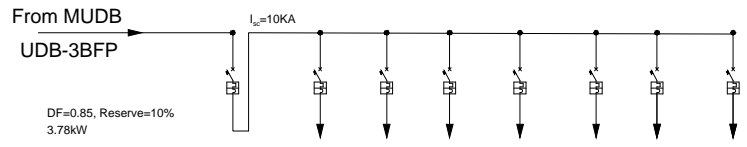


(REGISTRY ROOM)  
**THIRD BASEMENT FLOOR POWER SYSTEM PLAN**

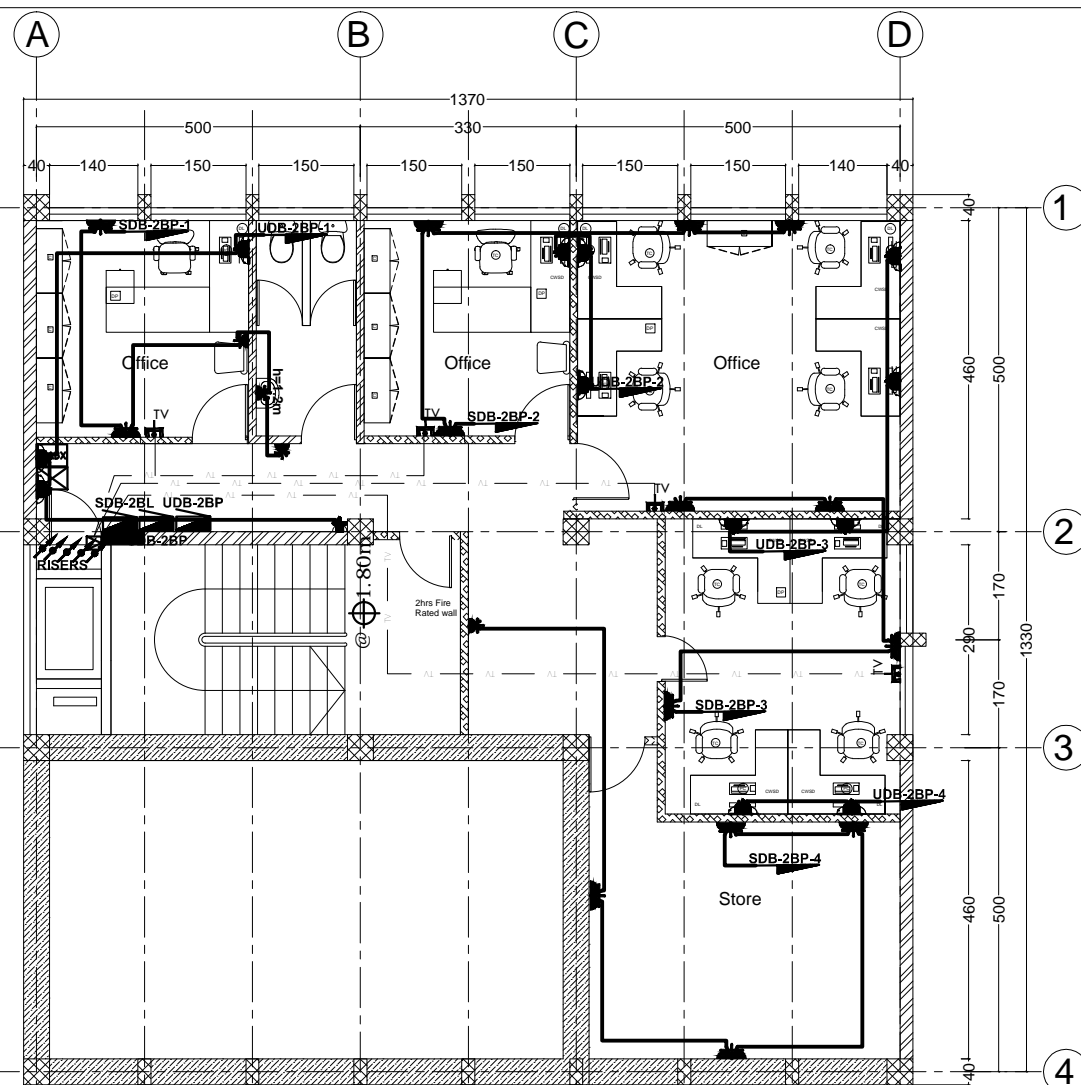
SC 1/100



CIRCUIT NUMBER	No	1	2	3	4	5
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Spare
POWER	KW	4.16	1.12	1.28	0.96	0.80
CURRENT	A					
PHASE	RST	R	S	T	T	S
VOLTAGE	V	380	220	220	220	220
POLES		3	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5

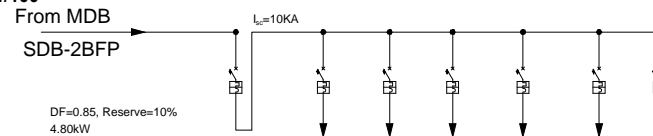


CIRCUIT NUMBER	No	1	2	3	4	5	6	7
DESCRIPTION	Main Breaker	Socket	Socket	Socket	CCTV-3BF-1	CCTV-3BF-2	Spare	Spare
POWER	KW	4.04	0.96	1.28	1.60	0.10	0.10	
CURRENT	A							
PHASE	RST	R	S	T	R	S	T	R
VOLTAGE	V	380	220	220	220	220	220	220
POLES		3	10	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

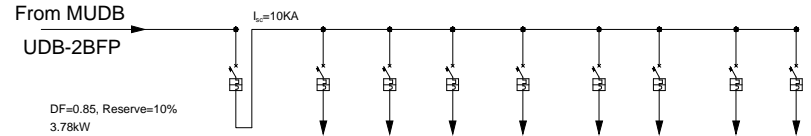


(SWITCH ROOM)  
**SECOND BASEMENT FLOOR POWER SYSTEM PLAN**

SC 1/100

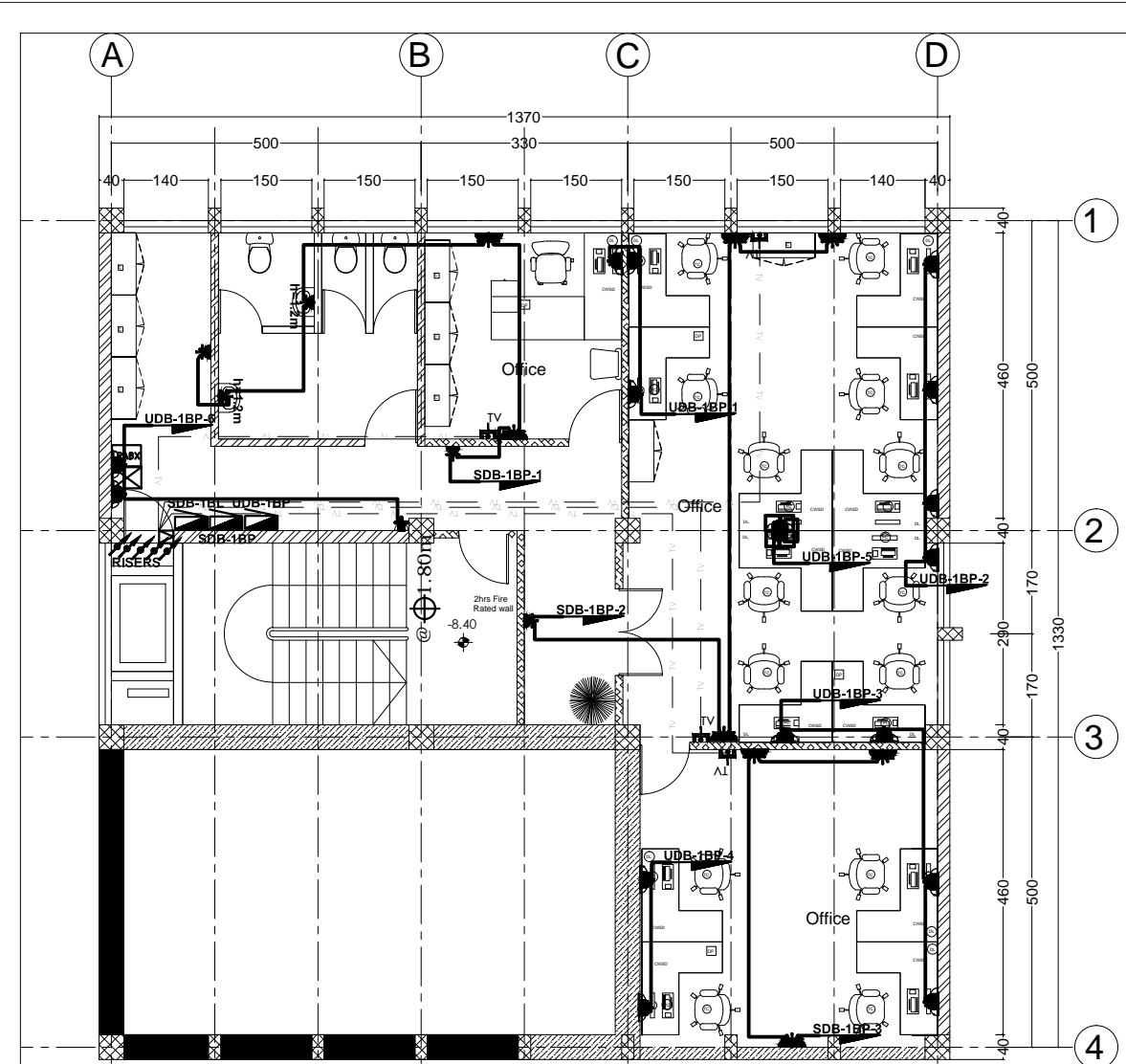


CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Spare	Spare
POWER	KW	5.12	1.12	1.28	1.28	1.44	
CURRENT	A						
PHASE	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220
POLES		3	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



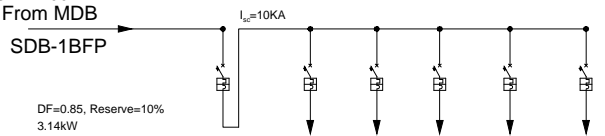
CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	CCTV-2BF-1	CCTV-2BF-2	Spare	Spare
POWER	KW	4.04	0.96	0.96	1.28	0.64	0.10	0.10	
CURRENT	A								
PHASE	RST	R	S	T	R	S	T	S	T
VOLTAGE	V	380	220	220	220	220	220	220	220
POLES		3	10	1	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

No.	CORRECTION	DATE	SIGN.
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CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
<b>3B &amp; 2B FLOOR POWER AND DISTRIBUTION BOARD SYSTEM PLAN</b>		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO.
MENGISTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			<b>09 / 38</b>
APPROVED BY			

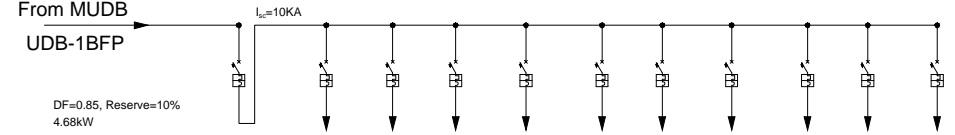


**FIRST BASEMENT FLOOR POWER SYSTEM PLAN**

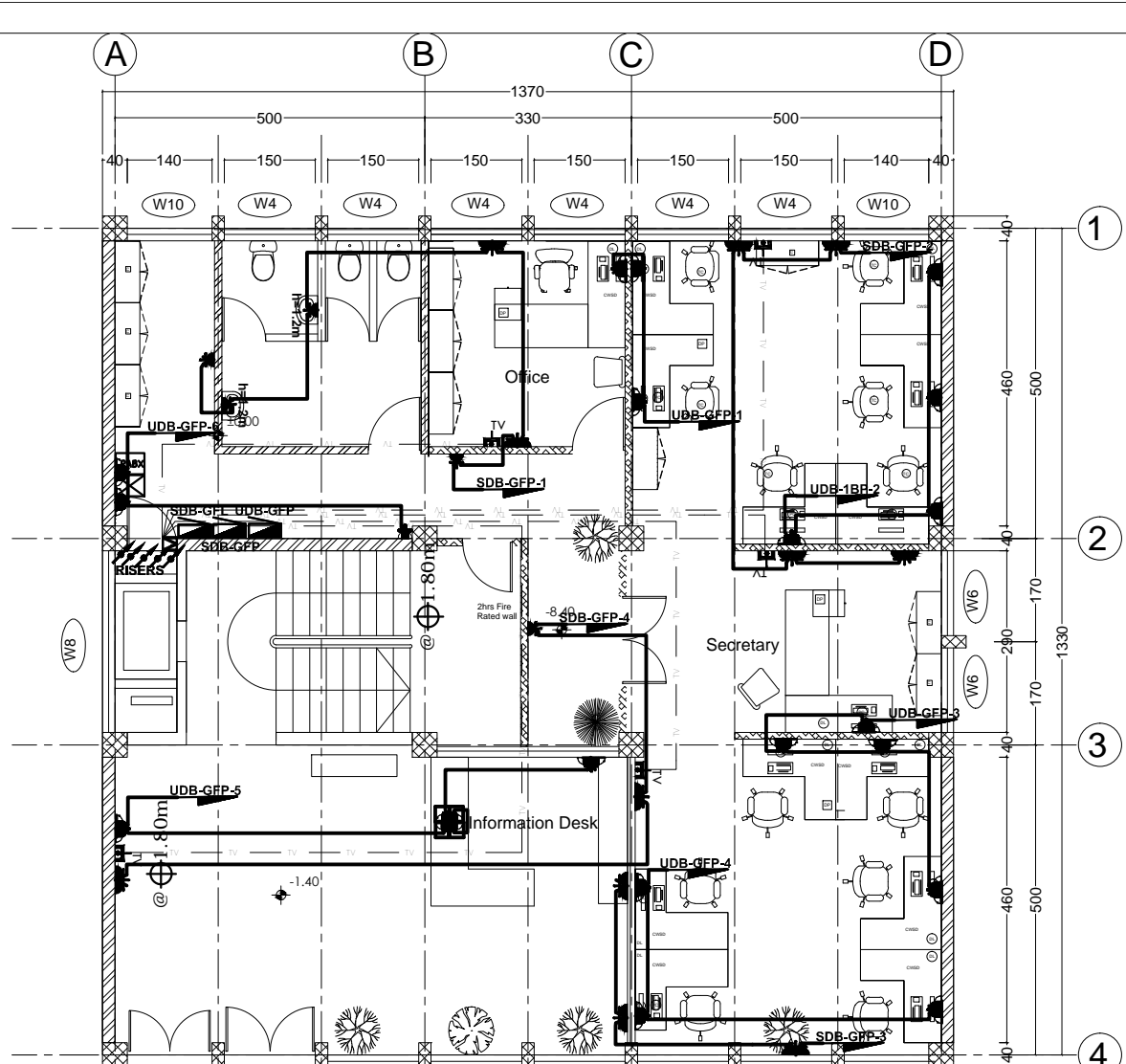
SC 1/100  
From MDB



CIRCUIT NUMBER	No	1	2	3	4	5
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Spare	Spare
POWER	KW	3.36	1.28	1.12	0.96	
CURRENT	A					
PHASE	RST	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5

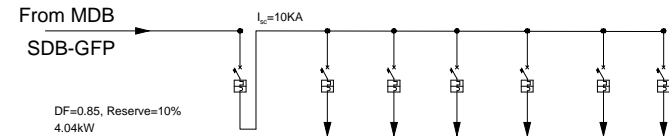


CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Socket	CCTV-1BF-1	CCTV-1BF-2	Spare	Spare
POWER	KW	5.00	0.96	1.28	1.28	0.64	0.64	0.10	0.10		
CURRENT	A										
PHASE	RST	R	S	T	R	S	T	R	S	T	R
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

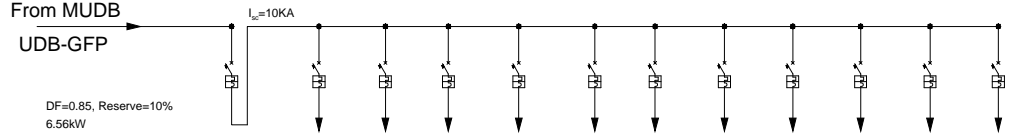


**GROUND FLOOR POWER SYSTEM PLAN**


SC 1/100  
From MDB

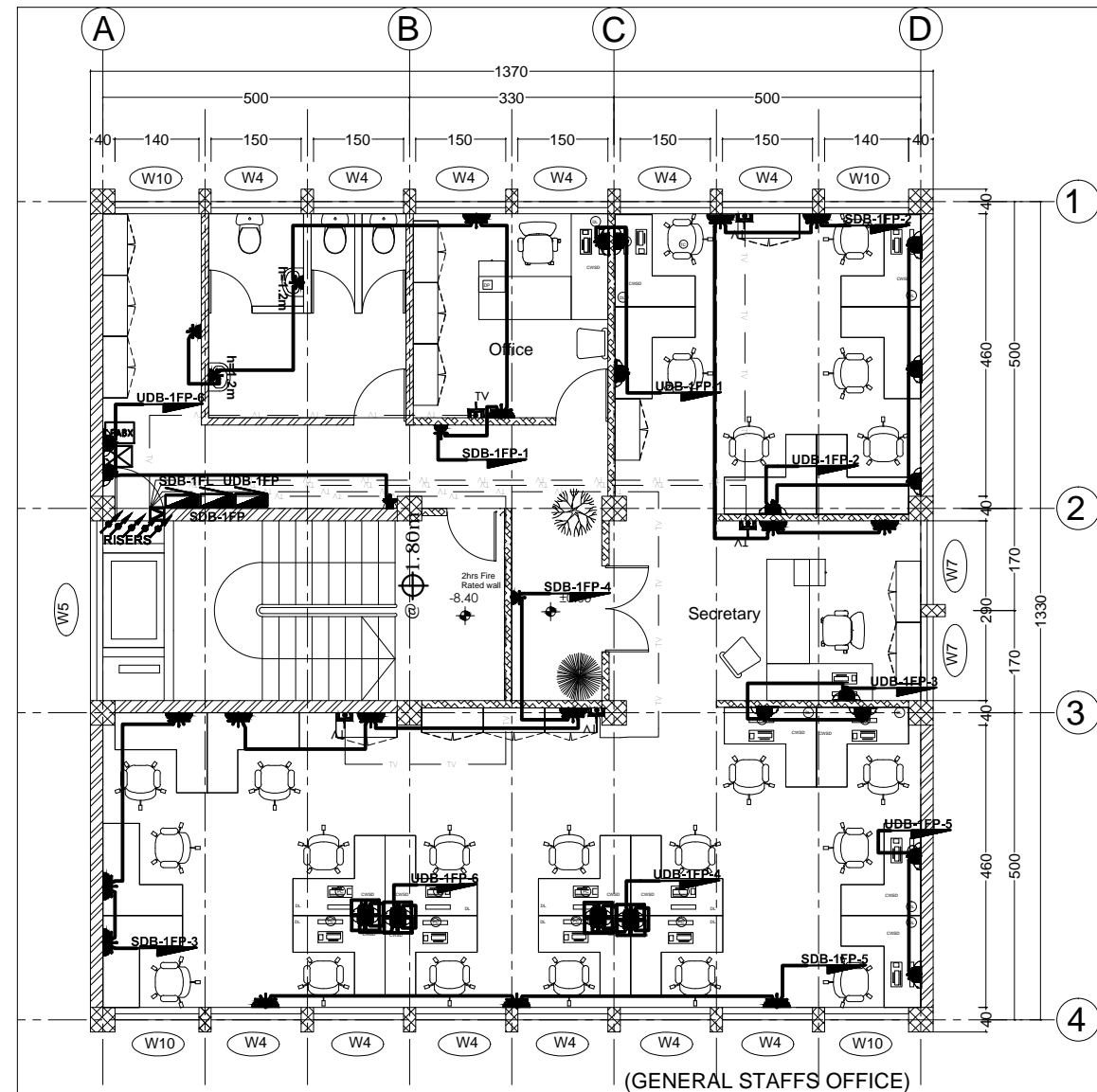


CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Spare	Spare
POWER	KW	4.32	1.28	1.28	0.96	0.80	
CURRENT	A						
PHASE	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



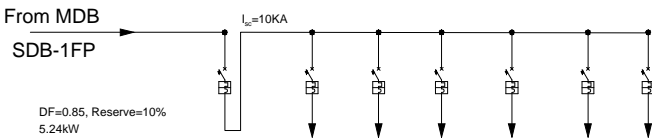
CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10	11
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Socket	CCTV-GF-1	CCTV-GF-2	CCTV-GF-3	Spare	Spare
POWER	KW	7.02	0.96	1.28	1.28	0.96	1.28	0.96	0.10	0.10	0.10	
CURRENT	A											
PHASE	RST	R	S	T	R	S	T	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

No.	CORRECTION	DATE	SIGN.
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CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
<b>1B &amp; G FLOOR POWER AND DISTRIBUTION BOARD SYSTEM PLAN</b>		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO.
MENGSTU B.H.	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGSTU B.H.	PPEE-026		
CHECKED BY			
			<b>10 / 38</b>
APPROVED BY			



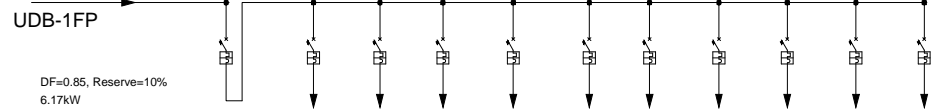
**FIRST FLOOR POWER SYSTEM PLAN**

SC 1/100 From MDB

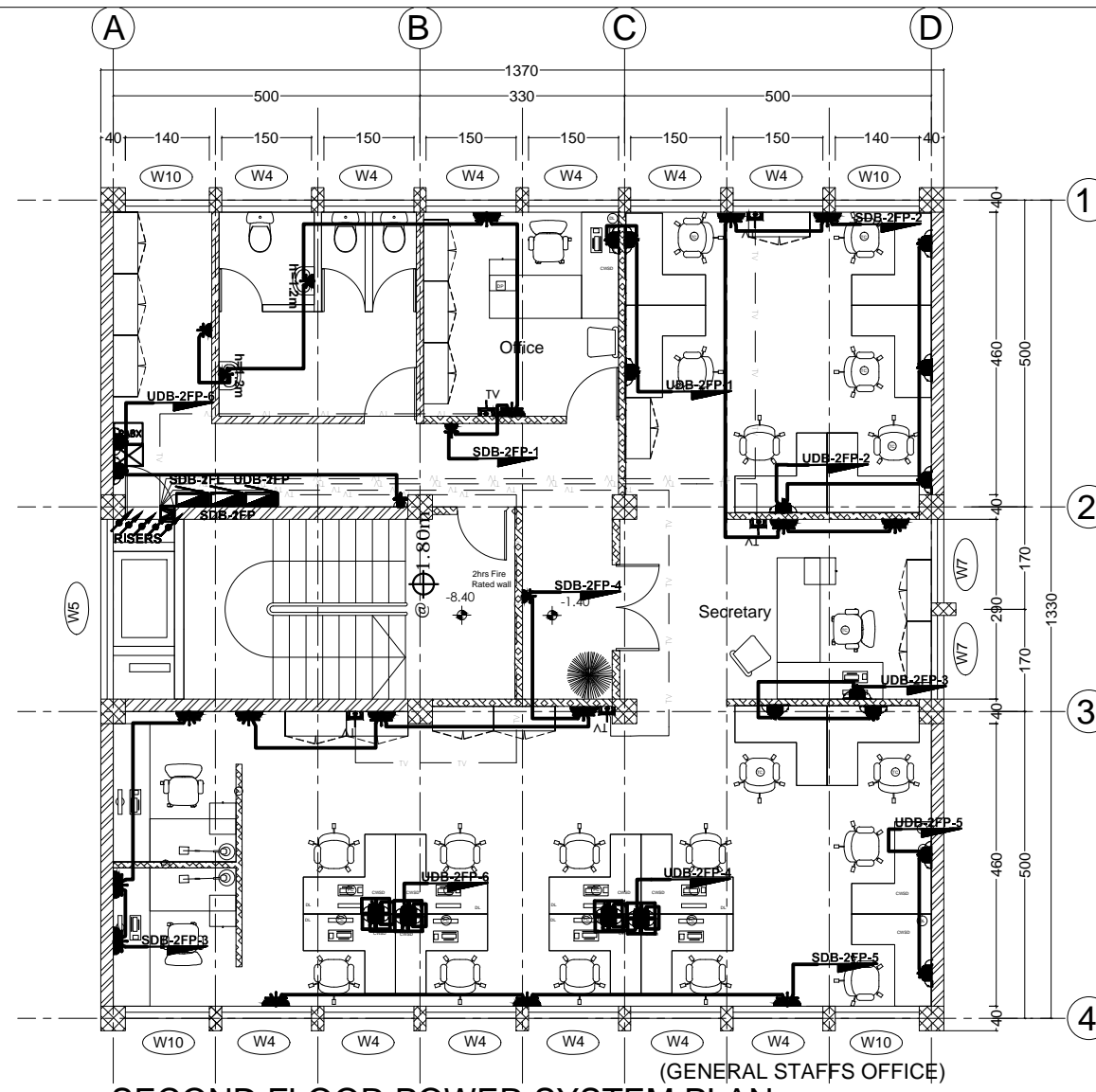


CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Spare
POWER	KW	5.60	1.28	1.28	0.96	1.12	0.96
CURRENT	A						
PHASE	RST	RST	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220
POLES		3	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

From MUDB

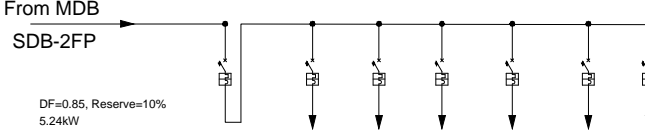


CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Socket	CCTV-1F-1	CCTV-1F-2	Spare	Spare
POWER	KW	6.60	0.96	1.28	0.96	1.28	0.64	1.28	0.10	0.10	
CURRENT	A										
PHASE	RST	RST	R	S	T	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220
POLES		3	10	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



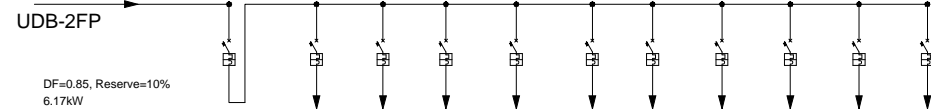
**SECOND FLOOR POWER SYSTEM PLAN**

SC 1/100 From MDB



CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Spare
POWER	KW	5.60	1.28	1.28	0.96	1.12	0.96
CURRENT	A						
PHASE	RST	RST	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220
POLES		3	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

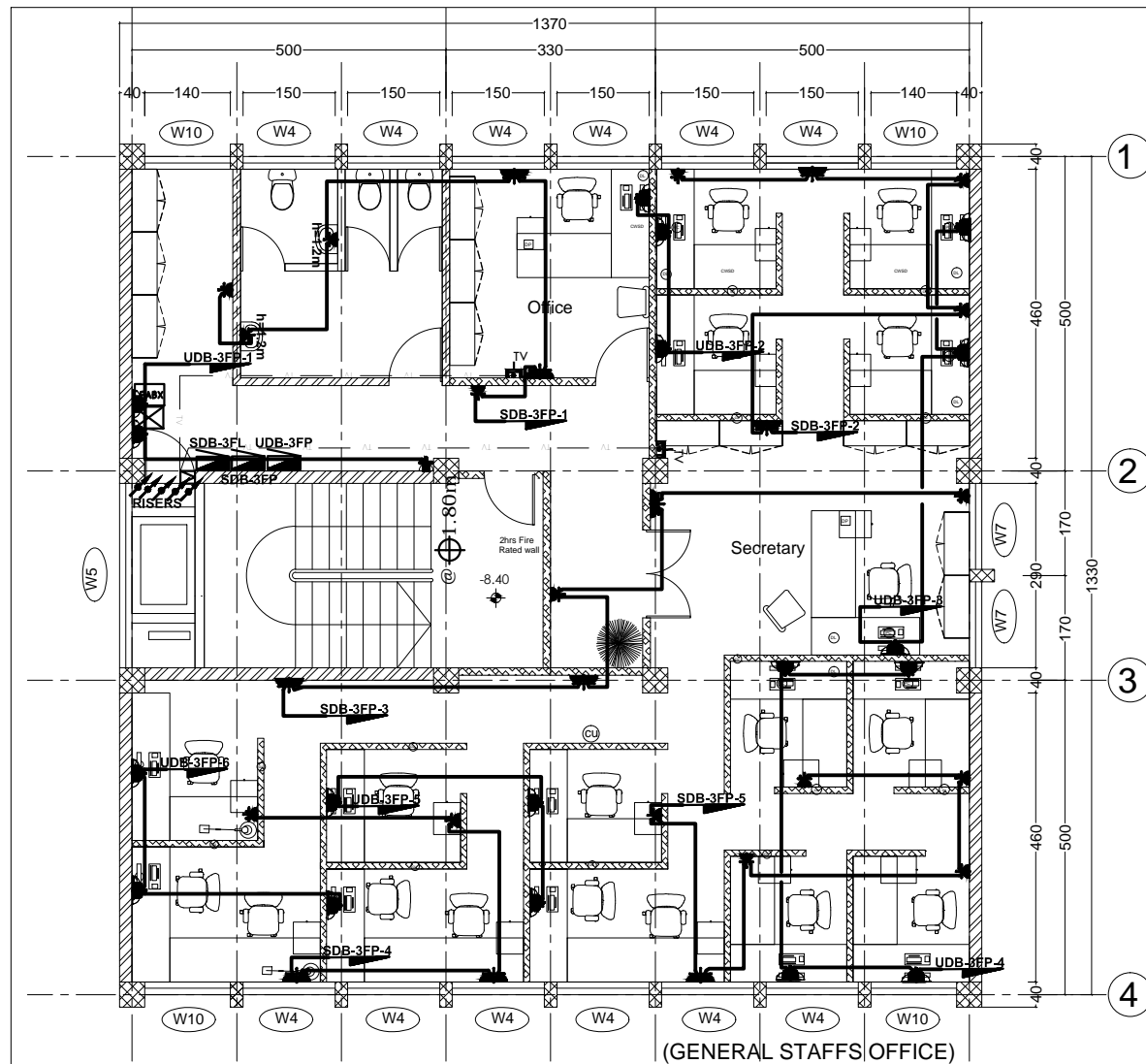
From MUDB



CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Socket	CCTV-2F-1	CCTV-2F-2	Spare	Spare
POWER	KW	6.60	0.96	1.28	0.96	1.28	0.64	1.28	0.10	0.10	
CURRENT	A										
PHASE	RST	RST	R	S	T	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220
POLES		3	10	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

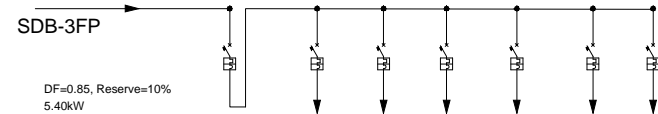
No.	CORRECTION	DATE	SIGN.
 Established 1984 CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co. P.O. Box 1465, Tel. +251-11-52475, FAX +251-11-533366, sicon@ethionet.et, sileshconsult@yahoo.com ADDIS ABABA, ETHIOPIA			
CLIENT			
PROJECT: Renovation and Furnishing of Building "A"			
LOCATION: Addis Ababa, Ethiopia			
DRAWING TITLE: 1F & 2F POWER AND DISTRIBUTION BOARD SYSTEM PLAN		SCALE: 1:50, 1:25	
		DATE: Feb. 2019	
DESIGNED BY: MENGSTU B.H.	REG. NO. PPEE-026	SIGN. DR. NO.	
DRAWN BY: MENGSTU B.H.	PPEE-026	EL FIN	
CHECKED BY:		11 / 38	
APPROVED BY:			





**THIRD FLOOR POWER SYSTEM PLAN**

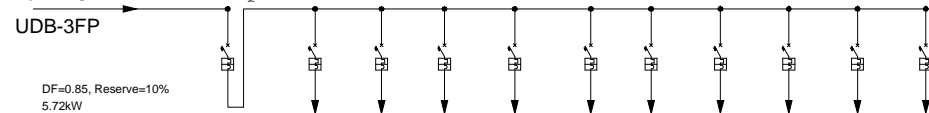
SC 1/100  
From MDB



DF=0.85, Reserve=10%  
5.40KW

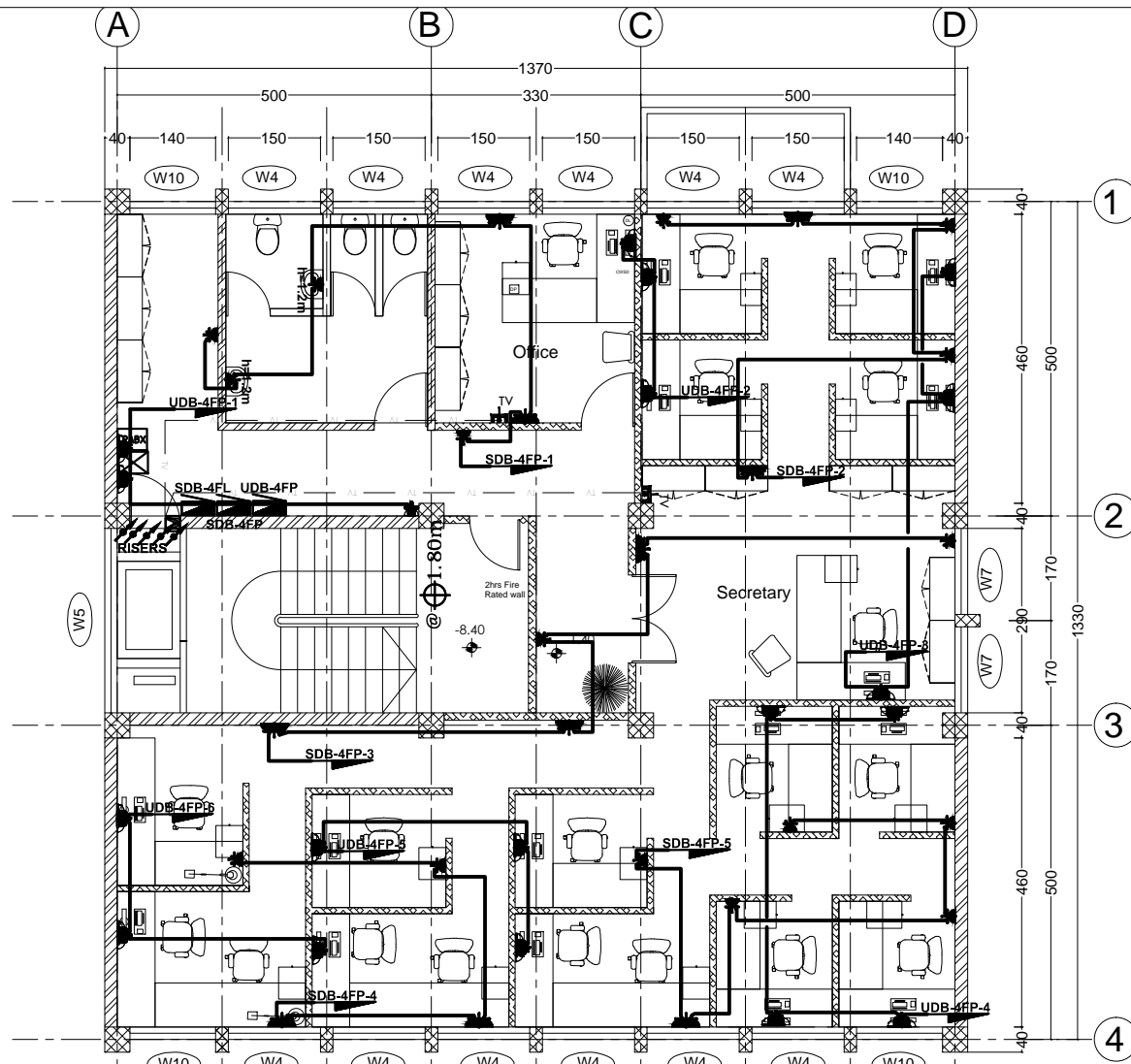
CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Spare
POWER	KW	5.76	1.28	1.12	1.28	0.96	1.12
CURRENT	A						
PHASE	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220
POLES		3	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

From MUDB



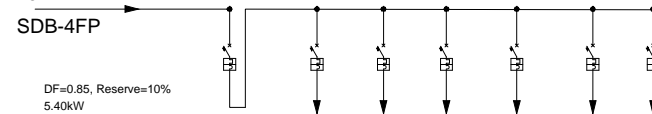
DF=0.85, Reserve=10%  
5.72kW

CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Socket	CCTV-3F-1	CCTV-3F-2	Spare	Spare
POWER	KW	6.12	0.80	0.96	0.96	1.28	0.96	0.10	0.10		
CURRENT	A										
PHASE	RST	RST	R	S	T	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220
POLES		3	10	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



**FOURTH FLOOR POWER SYSTEM PLAN**

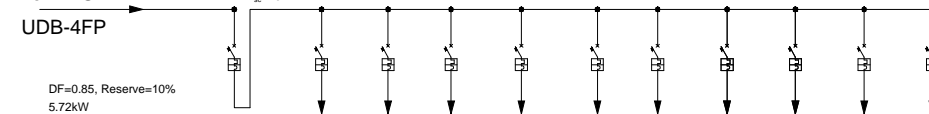
SC 1/100  
From MDB



DF=0.85, Reserve=10%  
5.40KW

CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Spare
POWER	KW	5.76	1.28	1.12	1.28	0.96	1.12
CURRENT	A						
PHASE	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220
POLES		3	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

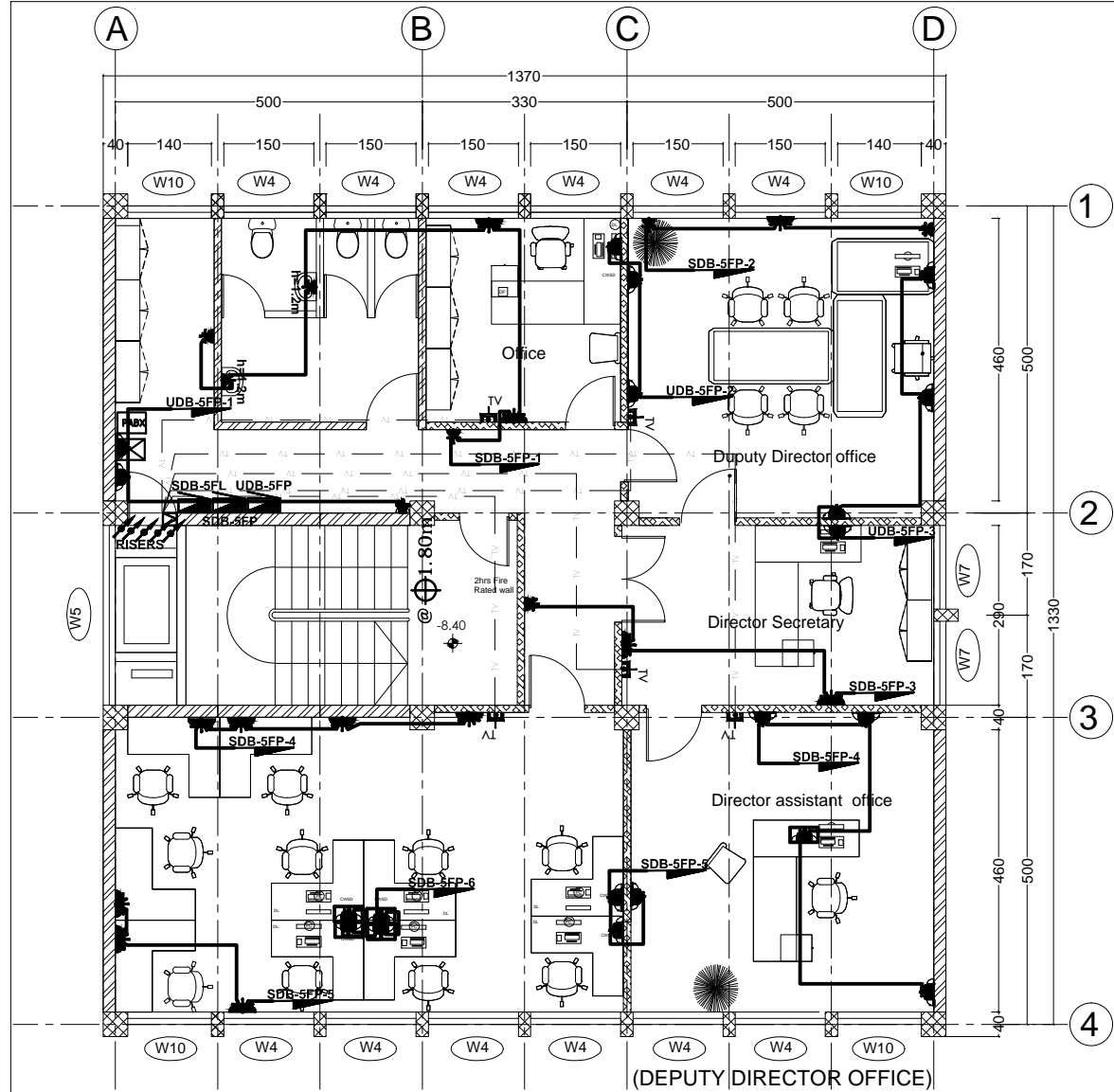
From MUDB



DF=0.85, Reserve=10%  
5.72kW

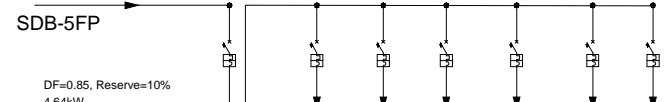
CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Socket	CCTV-4F-1	CCTV-4F-2	Spare	Spare
POWER	KW	6.12	0.80	0.96	0.96	1.28	0.96	0.10	0.10		
CURRENT	A										
PHASE	RST	RST	R	S	T	S	R	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220
POLES		3	10	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

No.	CORRECTION	DATE	SIGN.
 Established 1984 CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. P.O. Box 1465, Tel: +251-11-52475, FAX: +251-11-53366, sicon@ethionet.et, sileshconsult@yahoo.com ADDIS ABABA, ETHIOPIA			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
<b>3F &amp; 4F POWER AND DISTRIBUTION BOARD SYSTEM PLAN</b>		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGSTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGSTU B.H	PPEE-026		
CHECKED BY			
			<b>12 / 38</b>
APPROVED BY			



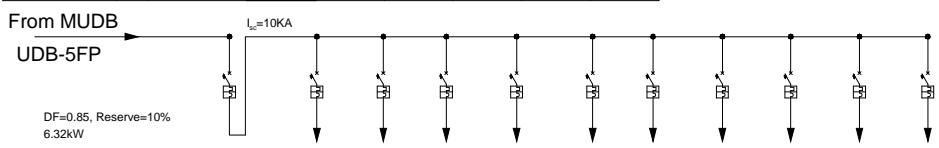
**FIFTH FLOOR POWER SYSTEM PLAN**

SC 1/100  
From MDB



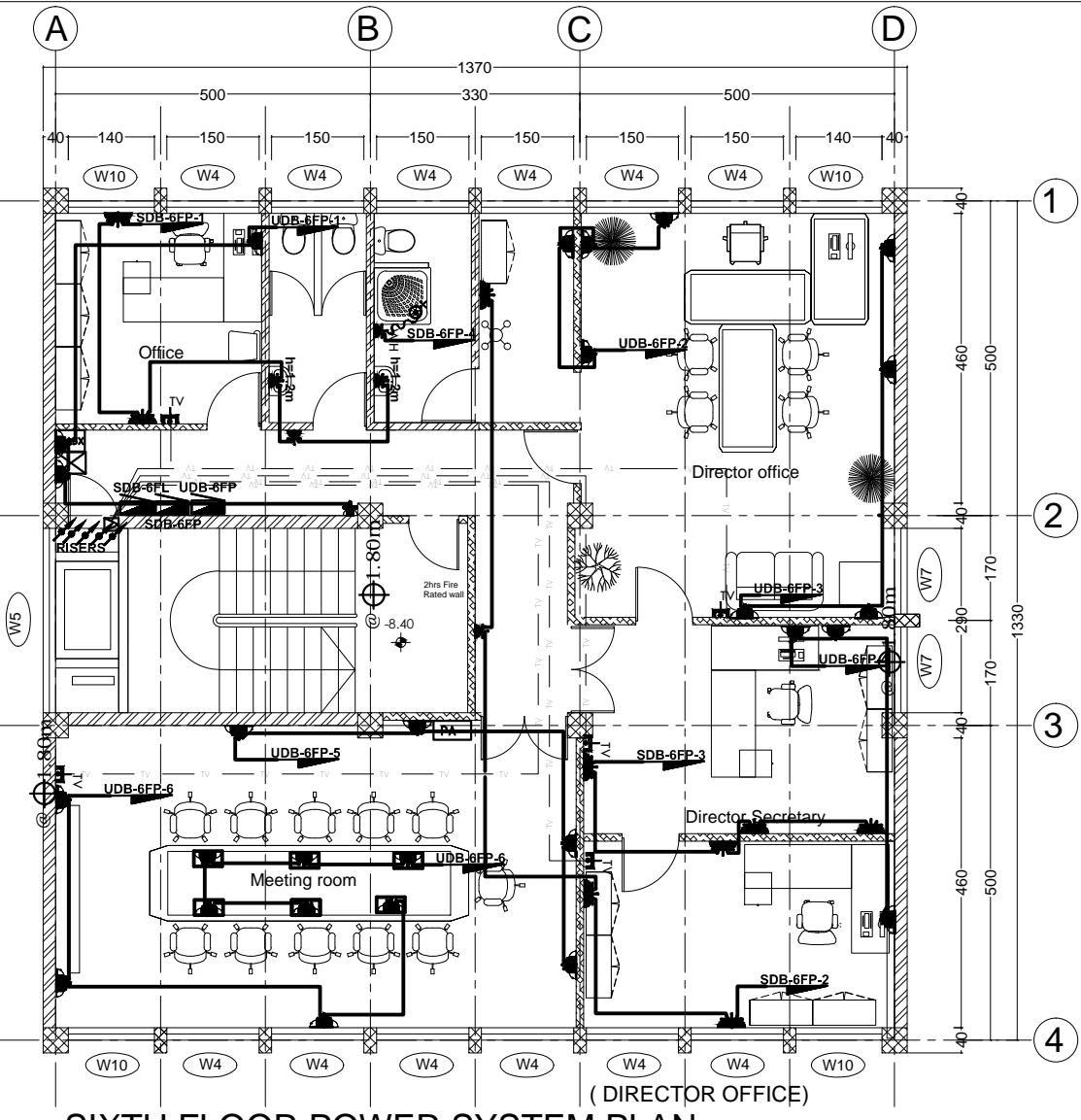
DF=0.85, Reserve=10%  
4.64kW

CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Spare
POWER	KW	4.96	1.28	0.64	0.80	1.28	0.96
CURRENT	A						
PHASE	RST	RST	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220
POLES		3	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



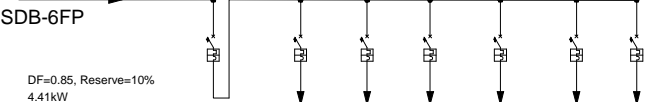
DF=0.85, Reserve=10%  
6.32kW

CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Socket	CCTV-5F-1	CCTV-5F-2	Spare	Spare
POWER	KW	6.76	0.80	0.96	1.28	1.28	0.96	1.28	0.10	0.10	
CURRENT	A										
PHASE	RST	RST	R	S	T	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220
POLES		3	10	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



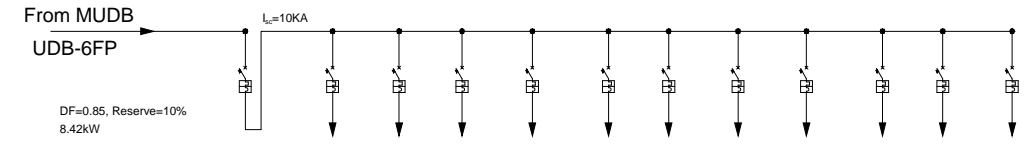
**SIXTH FLOOR POWER SYSTEM PLAN**

SC 1/100  
From MDB



DF=0.85, Reserve=10%  
4.41kW

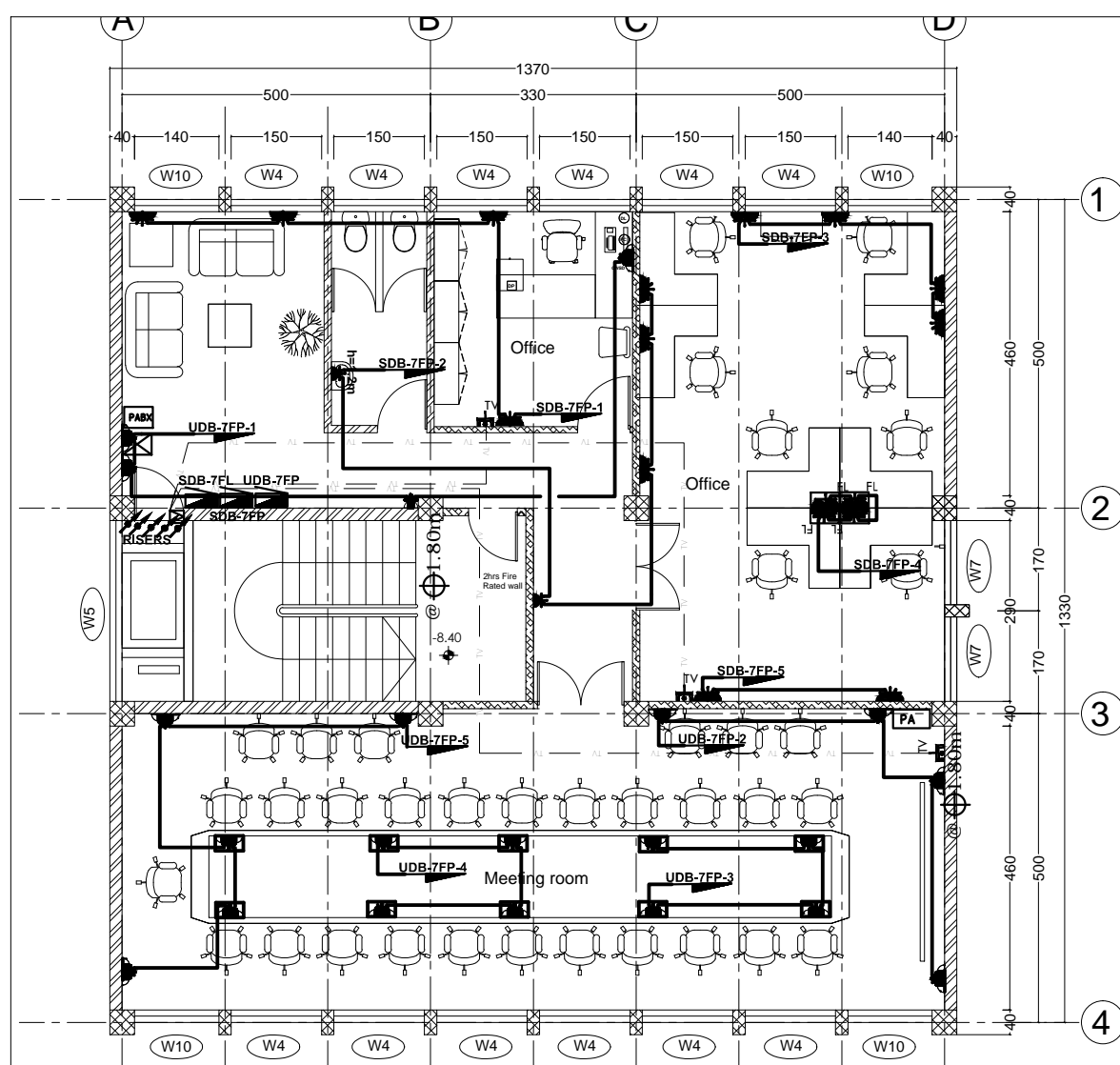
CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Water Heater	Spare	Spare
POWER	KW	4.72	1.12	1.12	1.28	1.20	
CURRENT	A						
PHASE	RST	RST	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220
POLES		3	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5



DF=0.85, Reserve=10%  
8.42kW

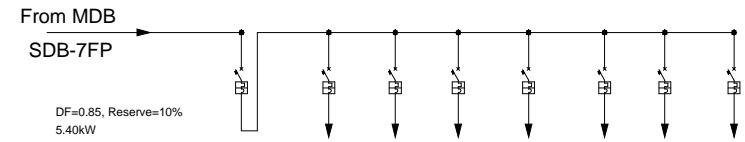
CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9	10	11
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Socket	Socket	CCTV-6F-1	CCTV-6F-2	Spare	Spare
POWER	KW	9.00	1.12	1.28	1.28	0.96	1.28	1.28	1.60	0.10	0.10	
CURRENT	A											
PHASE	RST	RST	R	S	T	R	S	T	R	S	T	R
VOLTAGE	V	380	220	220	220	220	220	220	220	220	220	220
POLES		3	10	1	1	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

No.	CORRECTION	DATE	SIGN.
<p>Established 1984</p> <p>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co. P.O. Box 1465, Tel: +251-11-52475, FAX: +251-11-53368, silesh@ethionet.et, sileshconsult@yahoo.com ADDIS ABABA, ETHIOPIA</p>			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
<b>5F &amp; 6F POWER AND DISTRIBUTION BOARD SYSTEM PLAN</b>		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO.
MENGSTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGSTU B.H	PPEE-026		
CHECKED BY			
			<b>13 / 38</b>
APPROVED BY			

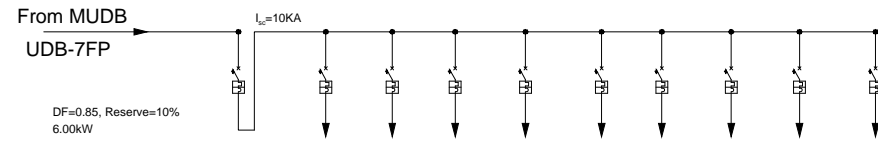


**SEVENTH FLOOR POWER SYSTEM PLAN PLAN**

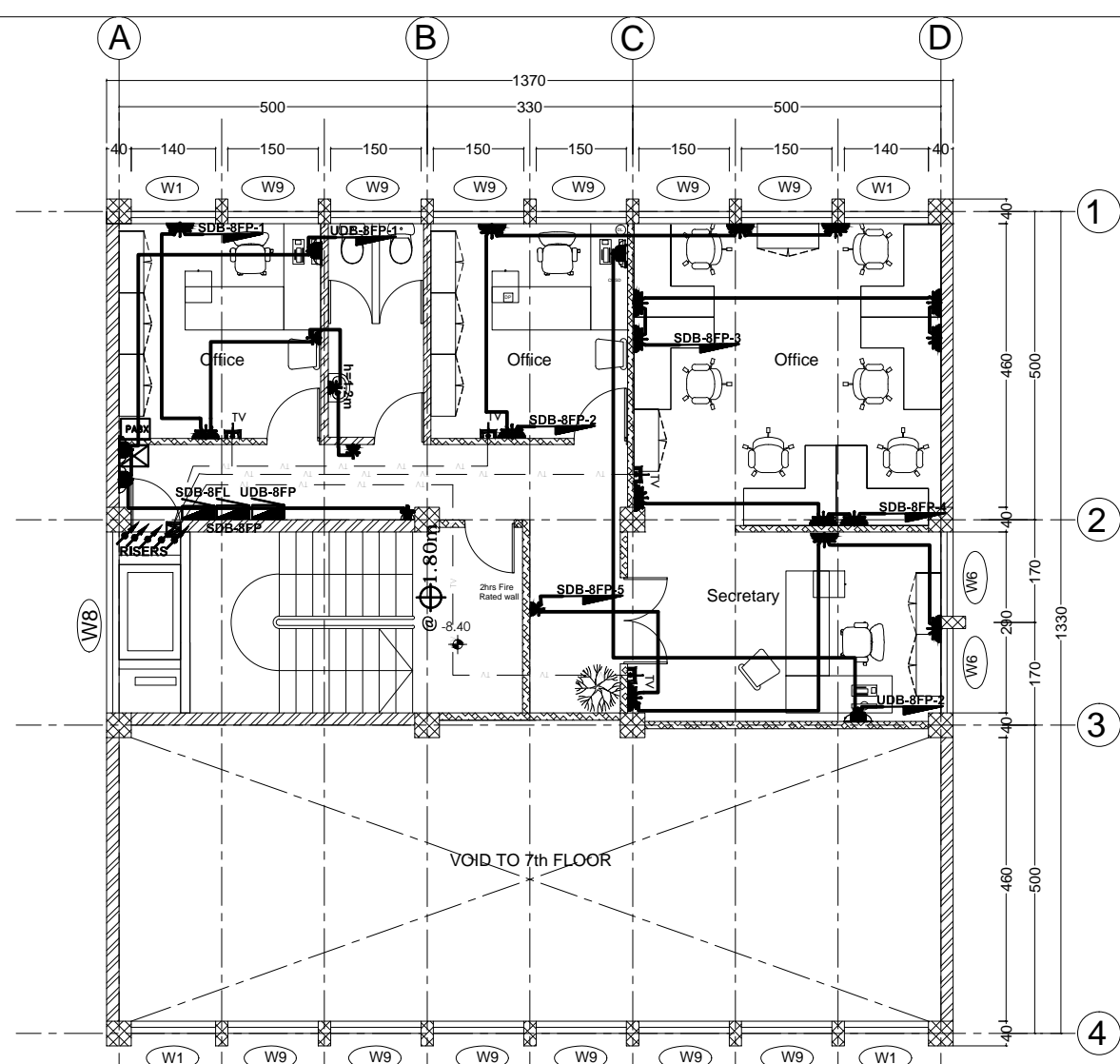
SC 1/100



CIRCUIT NUMBER	No	1	2	3	4	5	6	7
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Spare	Spare
POWER	KW	5.76	1.28	1.28	1.28	1.28	0.64	
CURRENT	A							
PHASE	RST	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

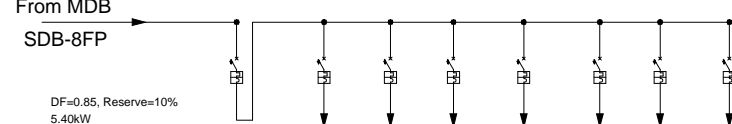


CIRCUIT NUMBER	No	1	2	3	4	5	6	7	8	9
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	CCTV-7F-1	CCTV-7F-2	Spare	Spare
POWER	KW	6.76	1.12	1.28	1.28	1.28	1.60	0.10	0.10	
CURRENT	A									
PHASE	RST	RST	R	S	T	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

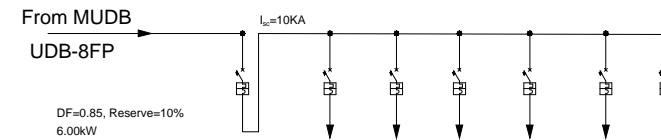


**EIGHTH FLOOR POWER SYSTEM PLAN**

SC 1/100

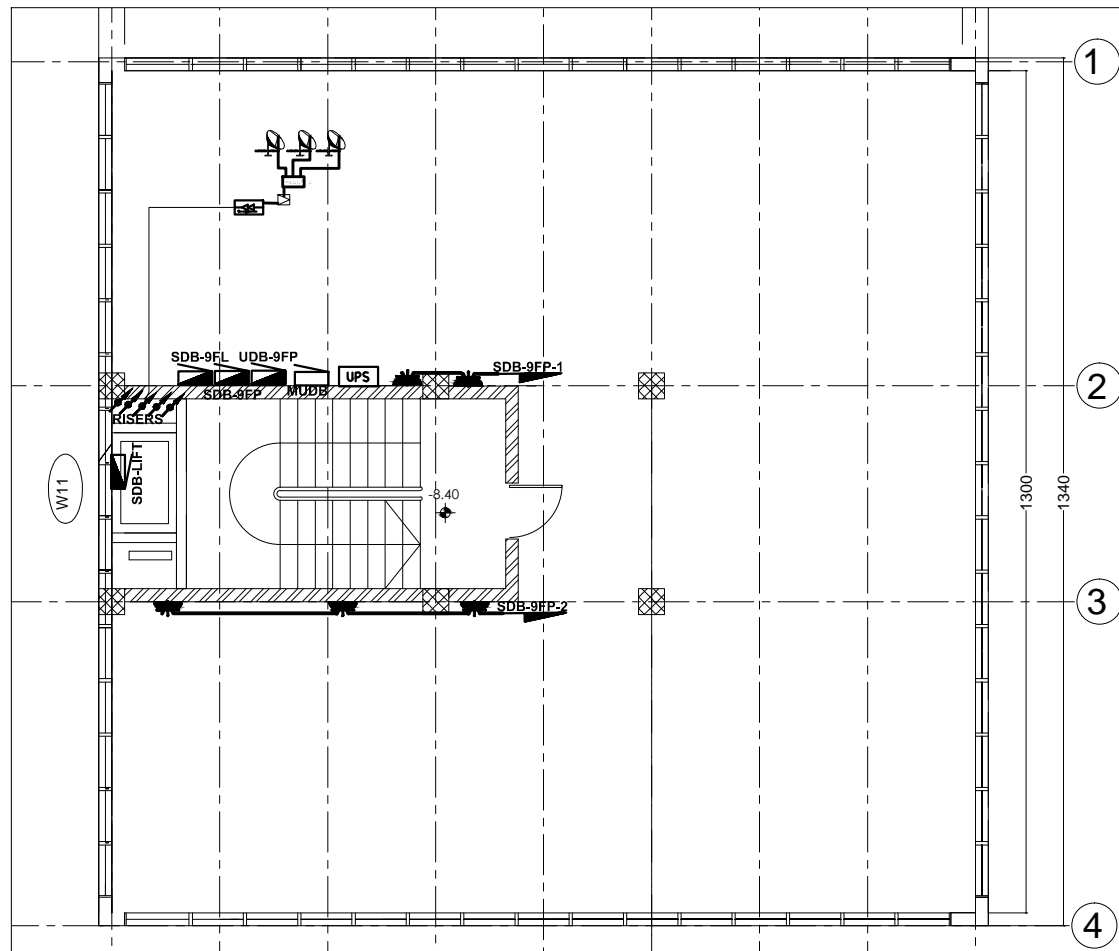


CIRCUIT NUMBER	No	1	2	3	4	5	6	7
DESCRIPTION	Main Breaker	Socket	Socket	Socket	Socket	Socket	Spare	Spare
POWER	KW	5.76	1.12	1.28	1.28	0.96	1.12	
CURRENT	A							
PHASE	RST	RST	R	S	T	R	S	T
VOLTAGE	V	380	220	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1	1	1	1
INTERRUPTING RATING	A	20	16	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x4	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

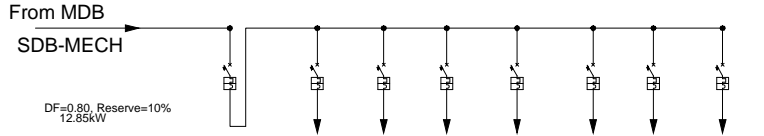


CIRCUIT NUMBER	No	1	2	3	4	5	6
DESCRIPTION	Main Breaker	Socket	Socket	CCTV-8F-1	CCTV-8F-2	TO 8TH	CCTV-9F-1
POWER	KW	6.76	1.12	0.64	0.10	0.10	0.10
CURRENT	A						
PHASE	RST	RST	R	S	T	R	S
VOLTAGE	V	380	220	220	220	220	220
CIRCUIT BREAKERS	POLES	3	10	1	1	1	1
INTERRUPTING RATING	A	25	16	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x6	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5

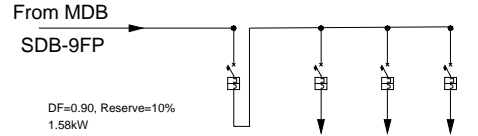
No.	CORRECTION	DATE	SIGN.
<p>Established 1984</p> <p>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co. P.O. Box 1465 Tel. +251-115-152475 FAX +251-115-533636 silesh@ethionet.et sileshconsult@yahoo.com ADDIS ABABA, ETHIOPIA</p>			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
<b>7F &amp; 8F POWER NAD DISTRIBUTION BOARDS SYSTEM PLAN</b>		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO
MENGSTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGSTU B.H	PPEE-026		
CHECKED BY			
			<b>14 / 38</b>
APPROVED BY			



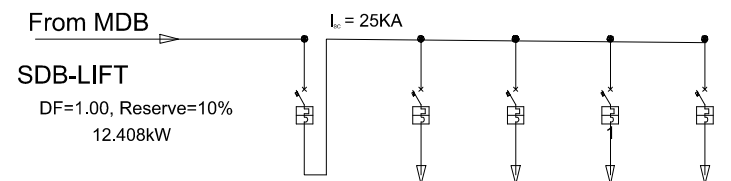
**NINTH FLOOR POWER SYSTEM PLAN**  
SC 1/100



CIRCUIT NUMBER	No		1	2	3	4	5	6	7
DESCRIPTION		Main Breaker	Exhaust Fan	Fan coil unit	Fan coil unit	Domestic water pump	Fire Fighting pump	Spare	Spare
POWER	KW	14.60	2.20	1.80	1.80	3.3	5.50		
CURRENT	A								
PHASE	RST	RST	RST	S	T	RST	RST	T	R
VOLTAGE	V	380	380	220	220	380	380	220	220
CIRCUIT BREAKERS	POLES	3	3	1	1	3	3	1	1
INTERRUPTING RATING	A	40	16	16	16	16	25	16	16
CABLE SIZE	mm <sup>2</sup>	5x10	3x2.5	3x2.5	3x2.5	5x2.5	5x6	3x2.5	3x2.5

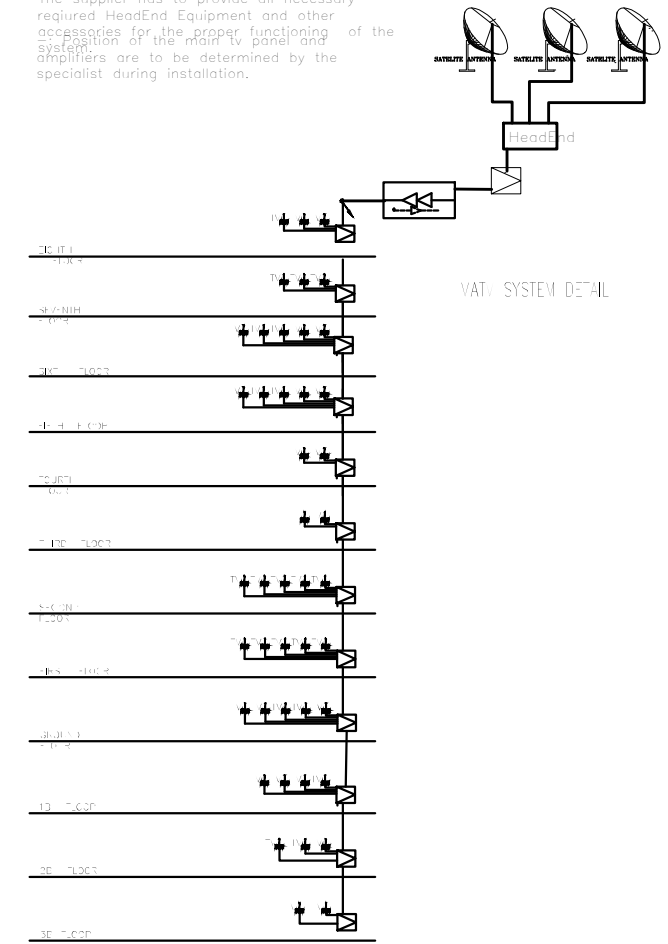


CIRCUIT NUMBER	No		1	2	3
DESCRIPTION		Main Breaker	Socket	Socket	Spare
POWER	KW	1.60	0.64	0.96	
CURRENT	A				
PHASE	RST	RST	R	S	T
VOLTAGE	V	380	220	220	220
CIRCUIT BREAKERS	POLES	3	1	1	1
INTERRUPTING RATING	A	16	16	16	16
CABLE SIZE	mm <sup>2</sup>	5x2.5	3x2.5	3x2.5	3x2.5



CIRCUIT NUMBER	No		1	2	3	4
DESCRIPTION		Main Breaker	Lighting	Socket	Machine	Spare
POWER	KW	11.28	0.72	0.56	10.00	
CURRENT	A					
PHASE	RST	RST	R	S	RST	R
VOLTAGE	V	380	220	220	380	220
CIRCUIT BREAKER	POLES	3	1	1	3	1
INTERRUPTING RATING	A	63	10	16	40	16
CABLE SIZE	MM <sup>2</sup>	5X16	3x2.5	3x2.5	5X10	3x2.5

NR : The contractor has to make sure that the supplier has to provide all necessary required HeadEnd Equipment and other accessories for the proper functioning of the system. The position of the main tv panel and amplifiers are to be determined by the specialist during installation.



No.	CORRECTION	DATE	SIGN.

**SileshjConsult**  
Established 1984

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ADDIS ABABA, ETHIOPIA

CLIENT  
**AFRICAN UNION COMMISSION**

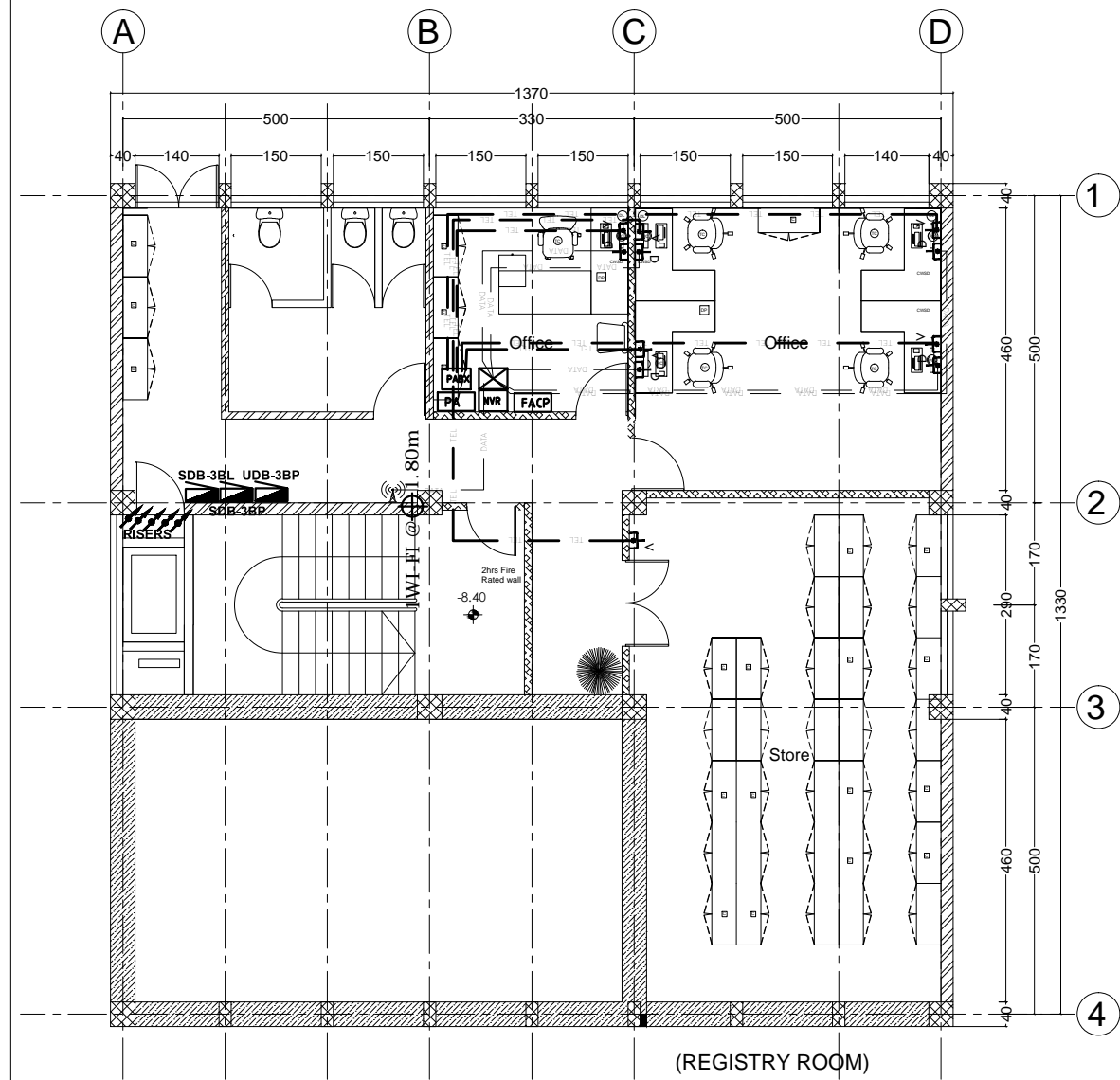
PROJECT  
Renovation and Furnishing of Building "A"

LOCATION  
Addis Ababa, Ethiopia

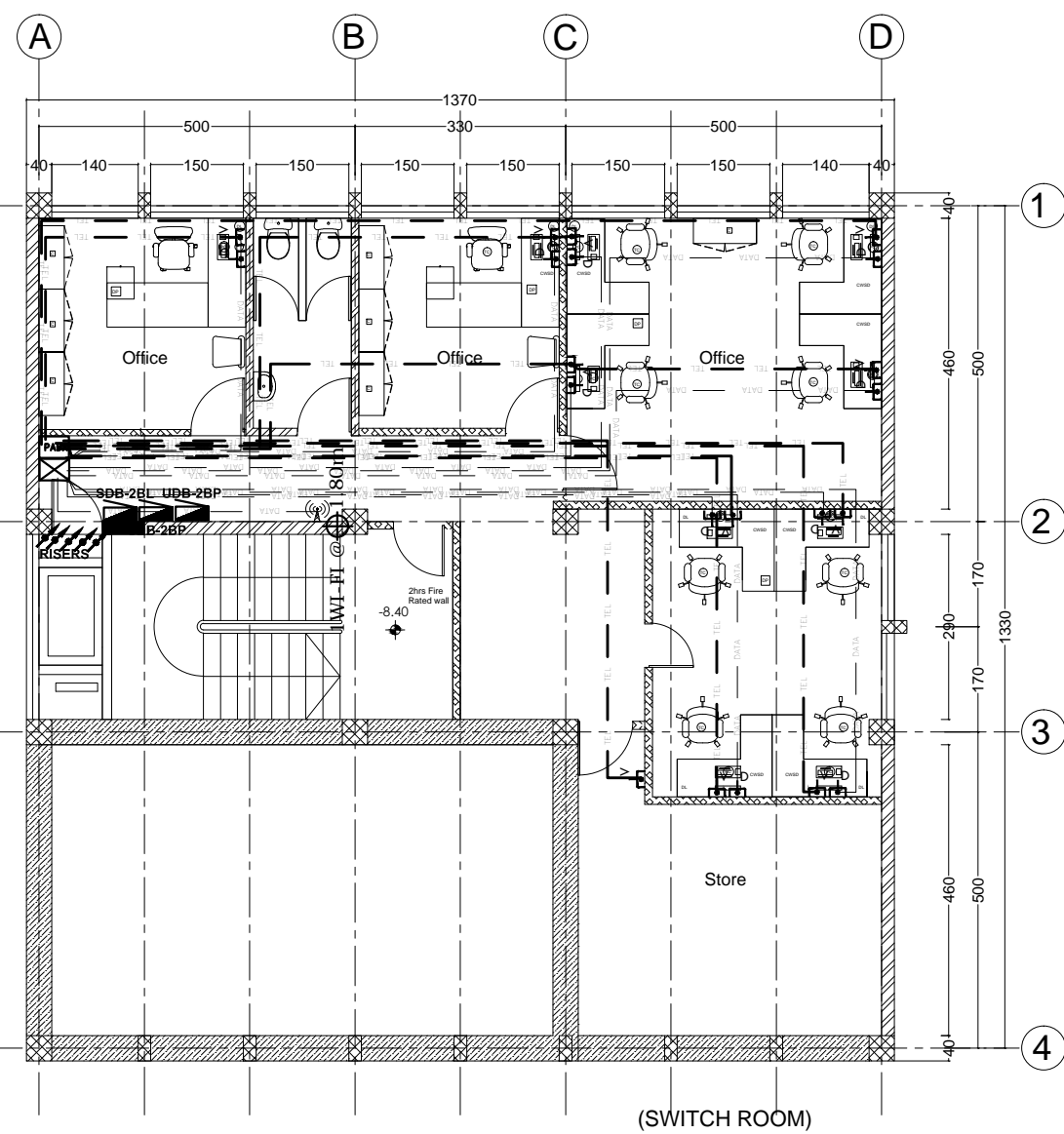
DRAWING TITLE <b>9F POWER, MATV RISER AND DISTRIBUTION BOARD SYSTEM PLAN</b>	SCALE 1:50, 1:25
DATE Feb. 2019	DR. NO <b>EL FIN</b>

DESIGNED BY MENGISTU B.H	REG. No.	SIGN.	<b>15 / 38</b>
DRAWN BY MENGISTU B.H	PPEE-026		
CHECKED BY	PPEE-026		
APPROVED BY			



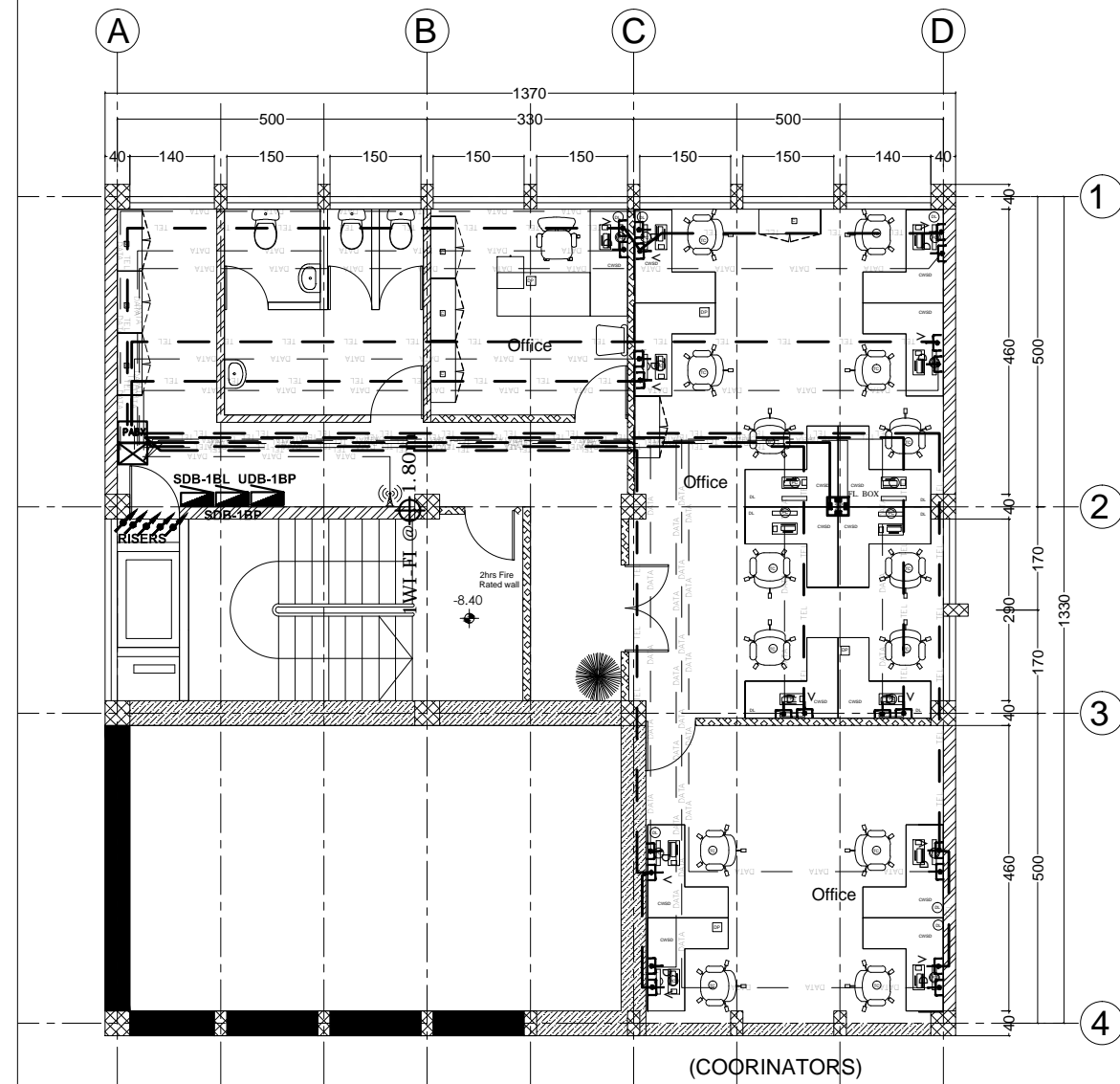


THIRD BASEMENT FLOOR TELE, DATA & WI-FI SYSTEM PLAN

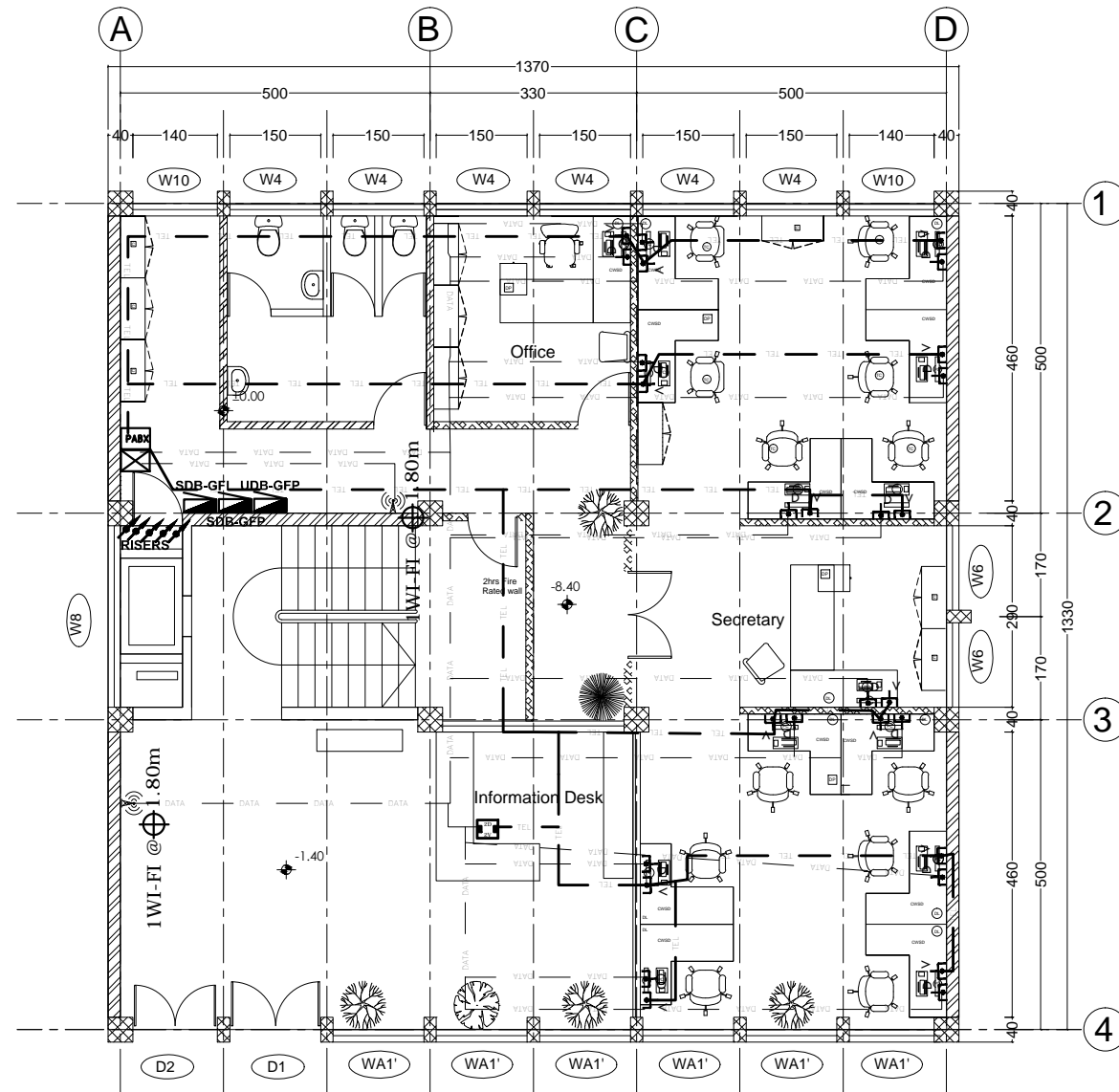


SECOND BASEMENT FLOOR TELE, DATA & WI-FI SYSTEM PLAN

No.	CORRECTION	DATE	SIGN.
 <small>ESTABLISHED 1984</small> <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co</small> <small>P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,</small> <small>sicon@ethionet.et, sileshjconsult@yahoo.com</small> <small>ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE			SCALE
<b>3B &amp; 2B FLOOR TELE, DATA &amp; WI-FI SYSTEM PLAN</b>			1:50, 1:25
			DATE
			Feb. 2019
DESIGNED BY	REG. NO.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			<b>16 / 38</b>
APPROVED BY			




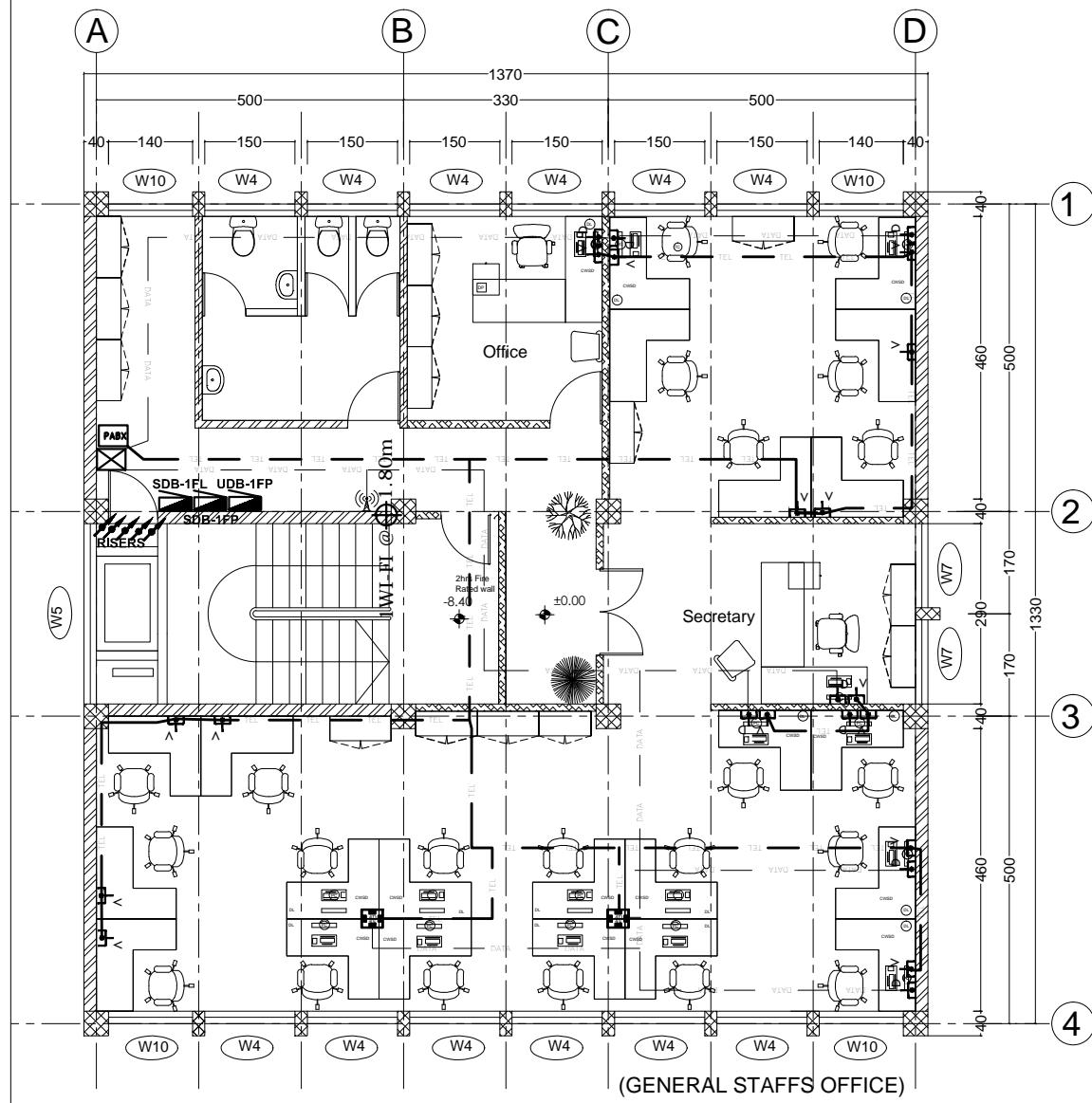
FIRST BASEMENT FLOOR TELE,  
DATA & WI-FI SYSTEM PLAN



GROUND FLOOR TELE, DATA  
& WI-FI SYSTEM PLAN

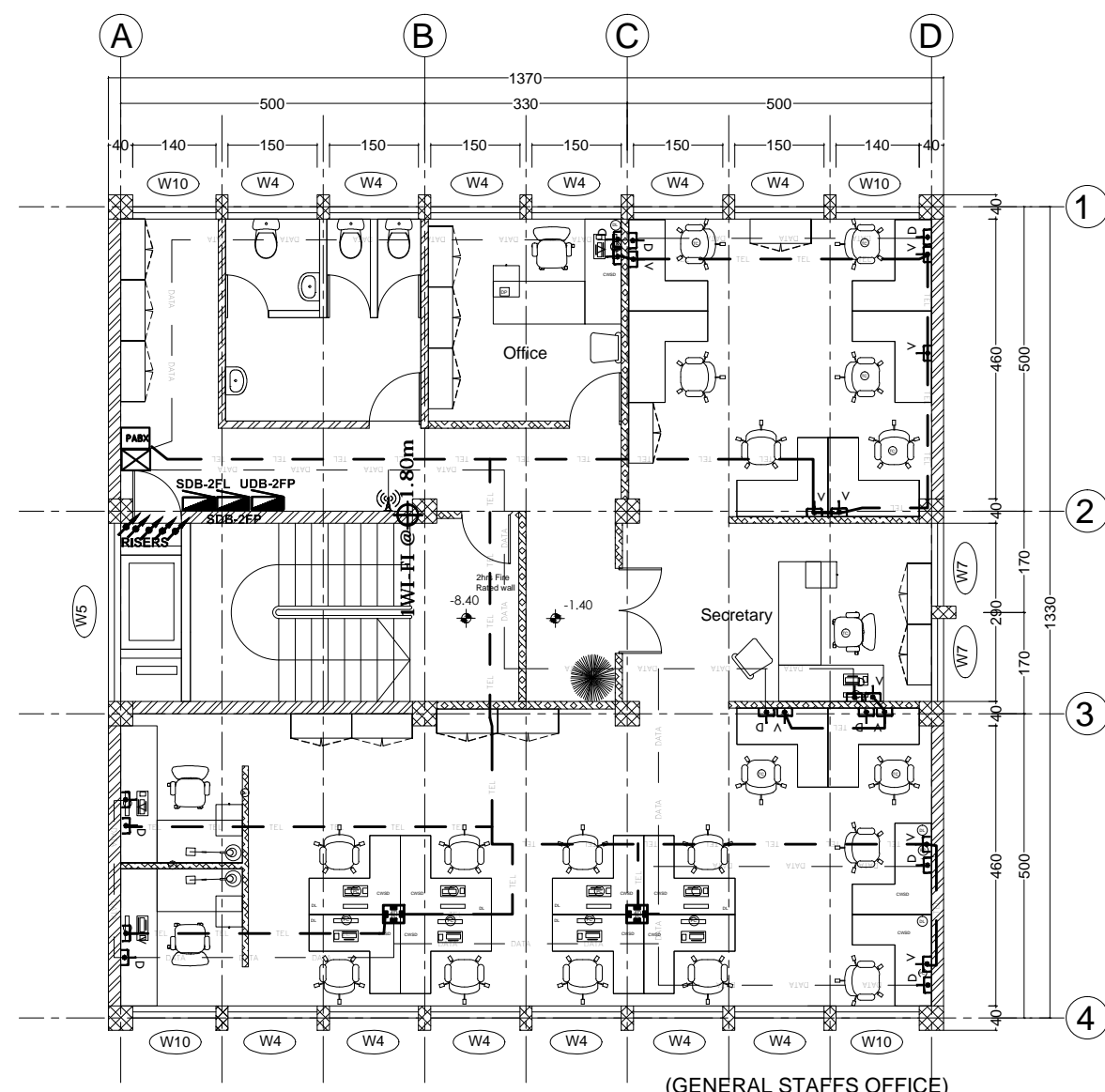
SC 1/100

No.	CORRECTION	DATE	SIGN.
 Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS P.V. LTD. Co            P.O. Box 1465 Tel: +251-115-152475 FAX: +251-115-533608            sicon@ethionet.et, sileshjconsult@yahoo.com            ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE			SCALE
<b>1B &amp; G FLOOR TELE, DATA &amp; WI-FI SYSTEM PLAN</b>			1:50, 1:25
			DATE
			Feb. 2019
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			<b>17 / 38</b>
APPROVED BY			




FIRST FLOOR TELE, DATA & WI-FI SYSTEM PLAN

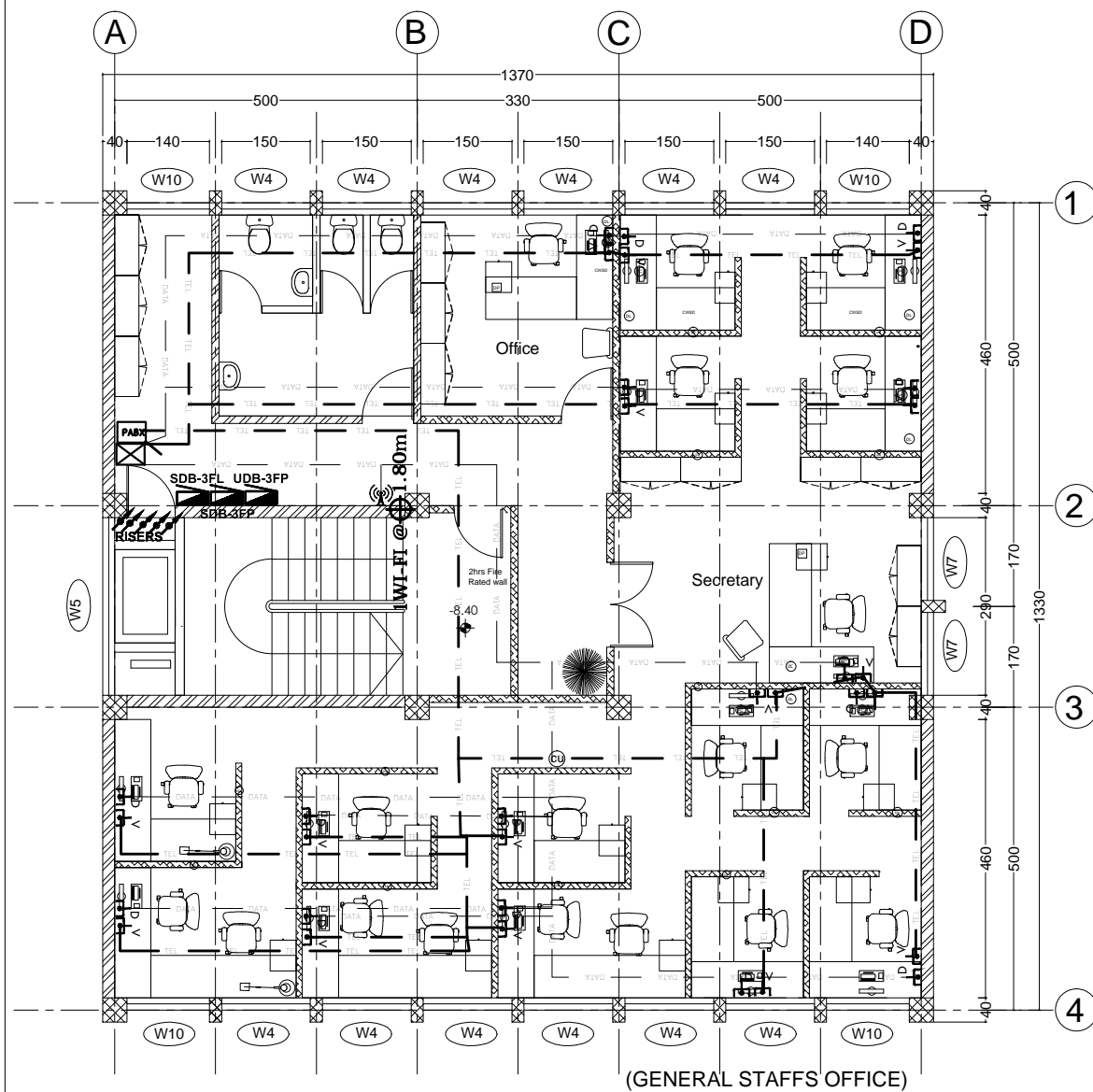
SC 1/100



SECOND FLOOR TELE, DATA & WI-FI SYSTEM PLAN

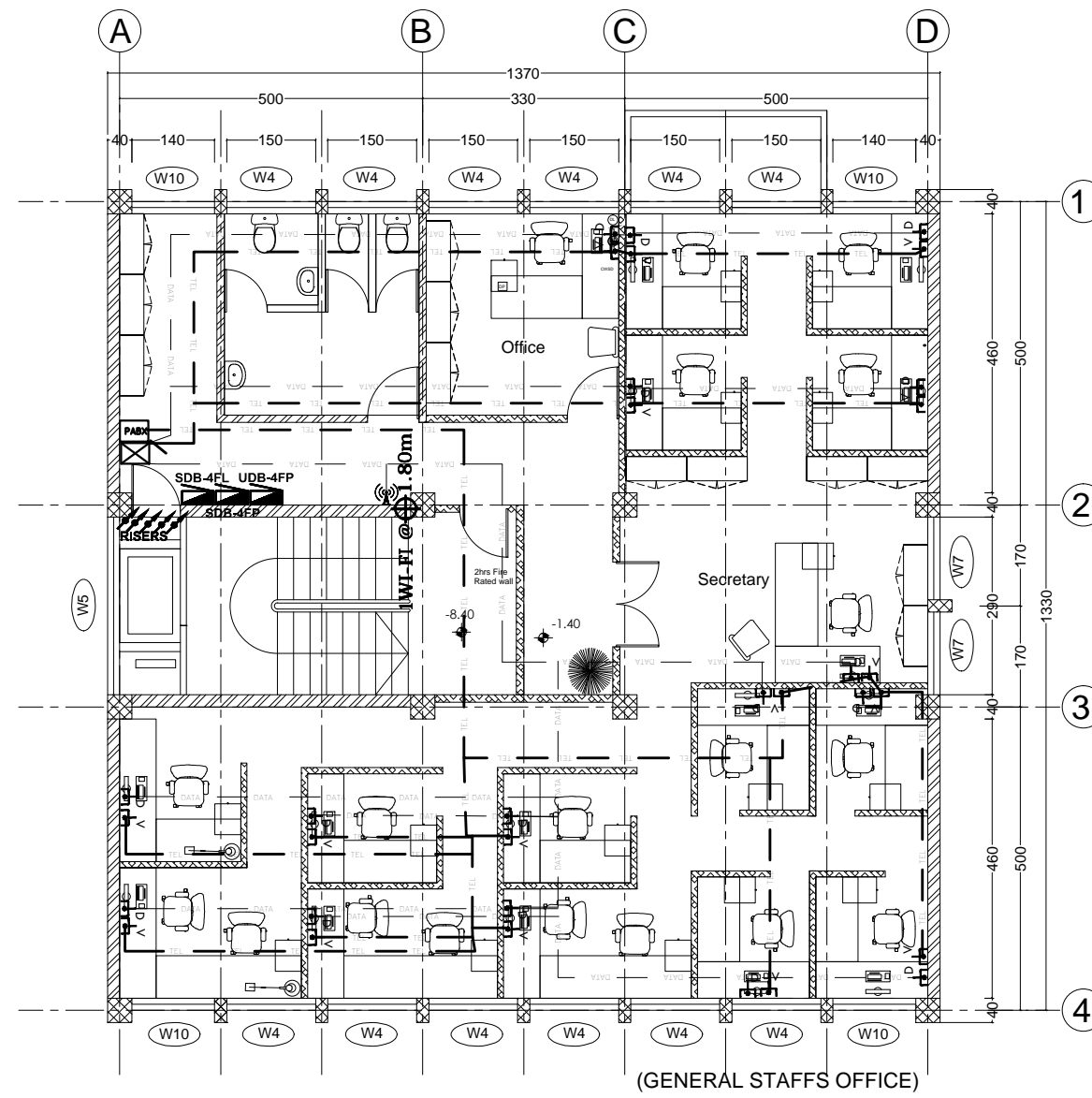
SC 1/100

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CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
1F & 2F TELE, DATA & WI-FI SYSTEM PLAN		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			<b>18 / 38</b>
APPROVED BY			




THIRD FLOOR TELE, DATA & WI-FI SYSTEM PLAN

SC 1/100

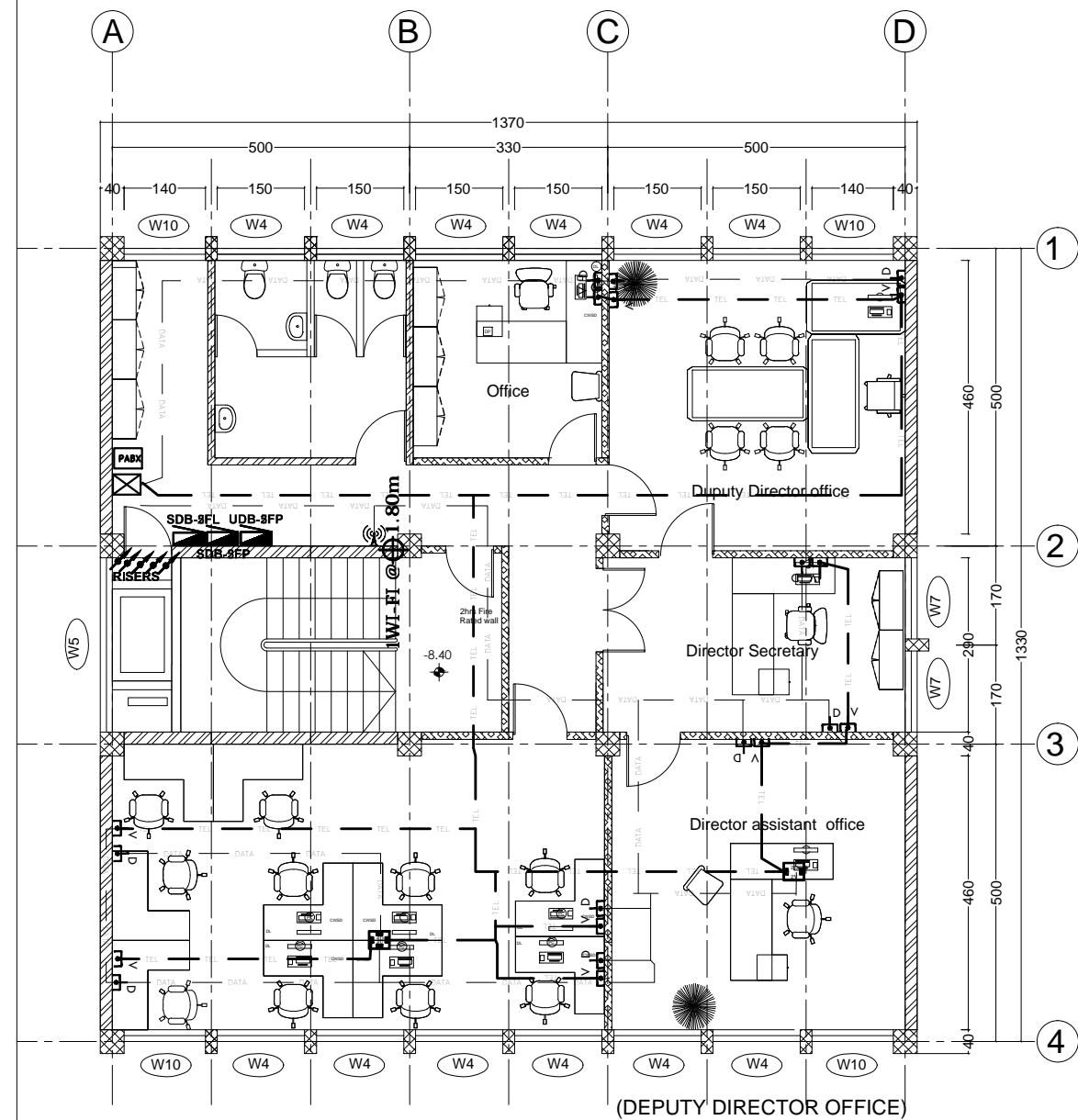


FOURTH FLOOR TELE, DATA & WI-FI SYSTEM PLAN

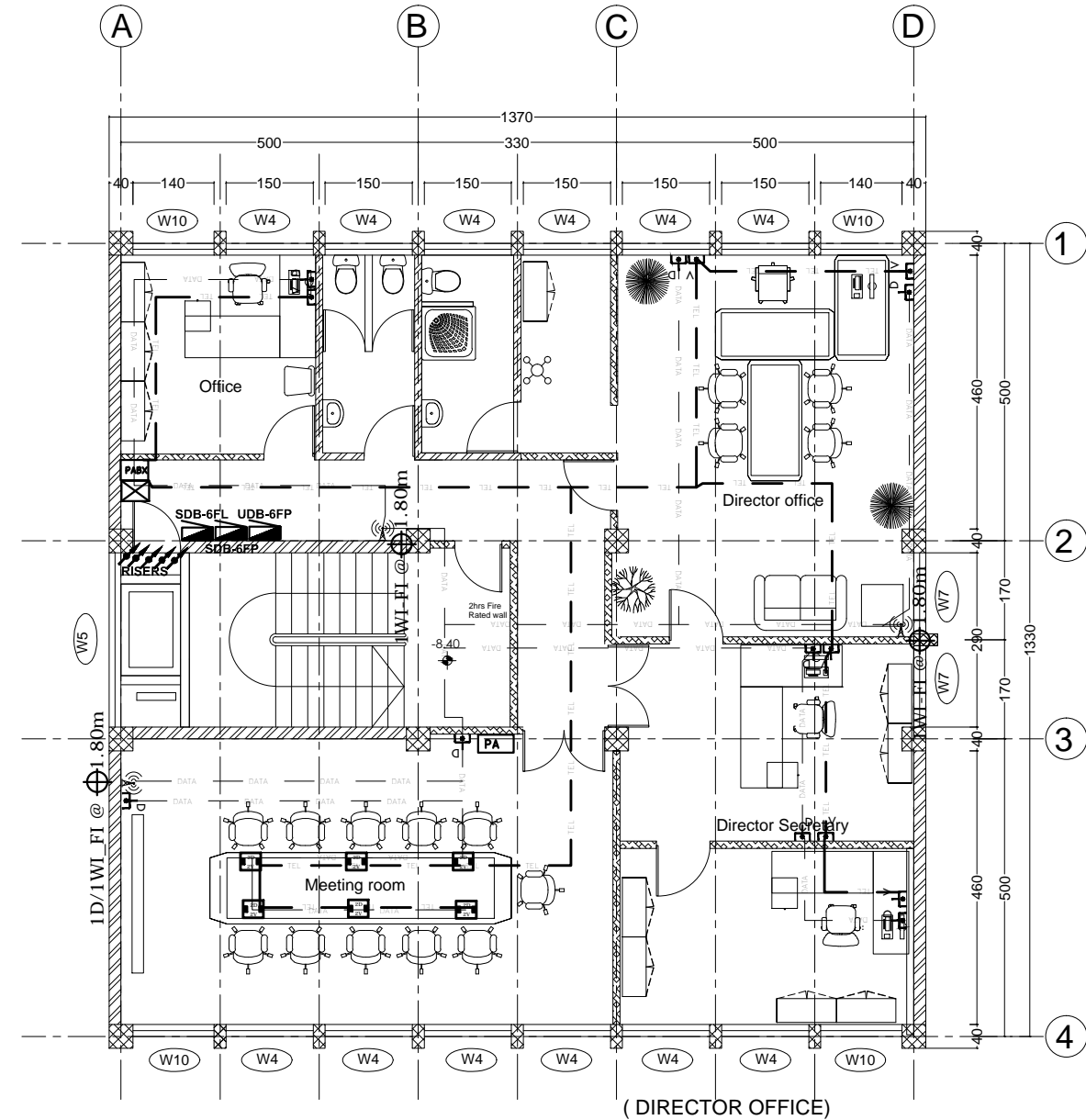
SC 1/100

No.	CORRECTION	DATE	SIGN.
 Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co.          P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,          sileshj@ethionet.et, sileshjconsult@yahoo.com          ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE			SCALE
<b>3F &amp; 4F TELE, DATA &amp; WI-FI SYSTEM PLAN</b>			1:50, 1:25
			DATE
			Feb. 2019
DESIGNED BY	REG. NO.	SIGN.	DR. NO.
MENGISTU B.H.	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H.	PPEE-026		
CHECKED BY			
			<b>19 / 38</b>
APPROVED BY			




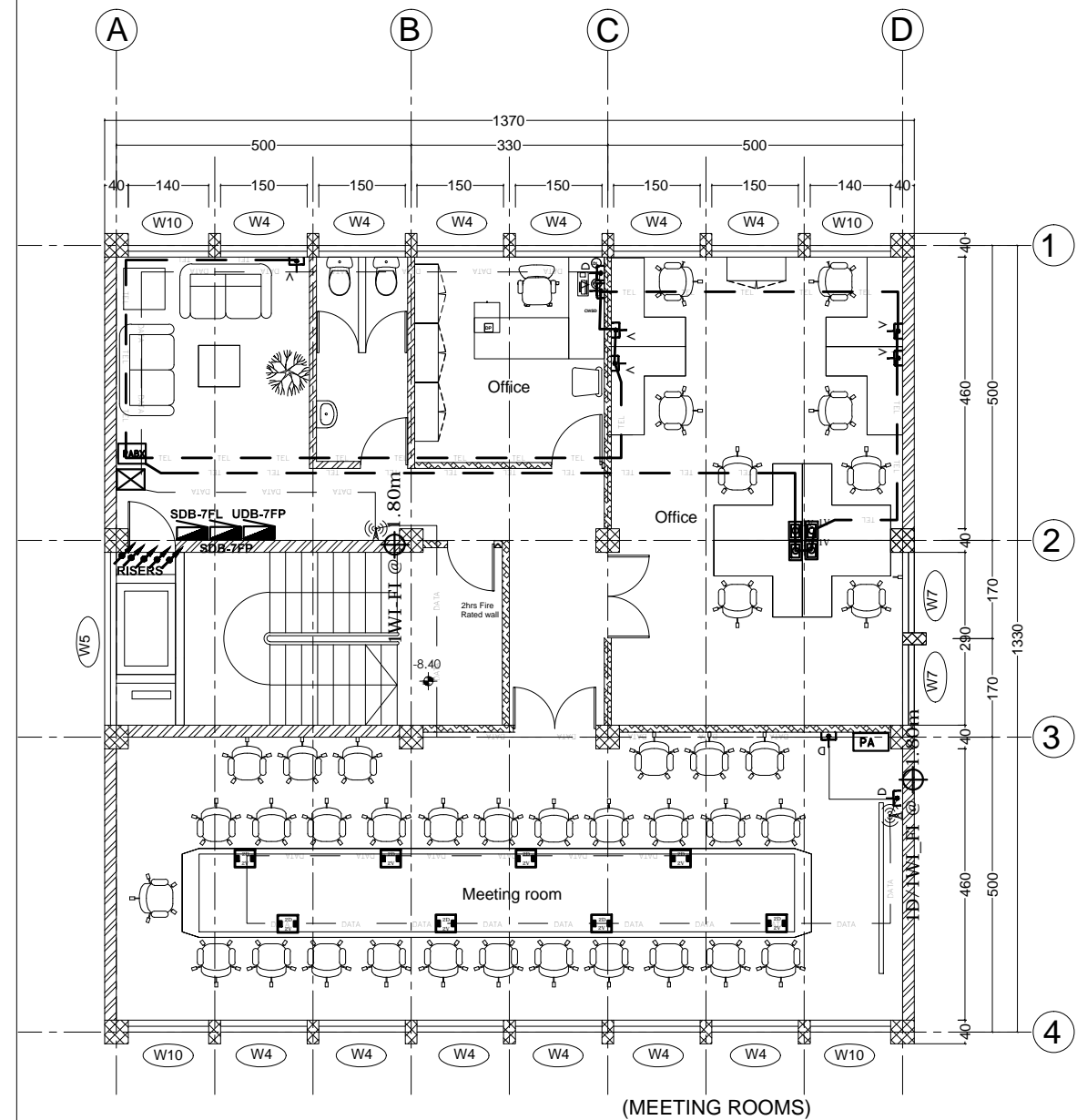


**FIFTH FLOOR TELE, DATA & WI-FI SYSTEM PLAN**  
SC 1/100



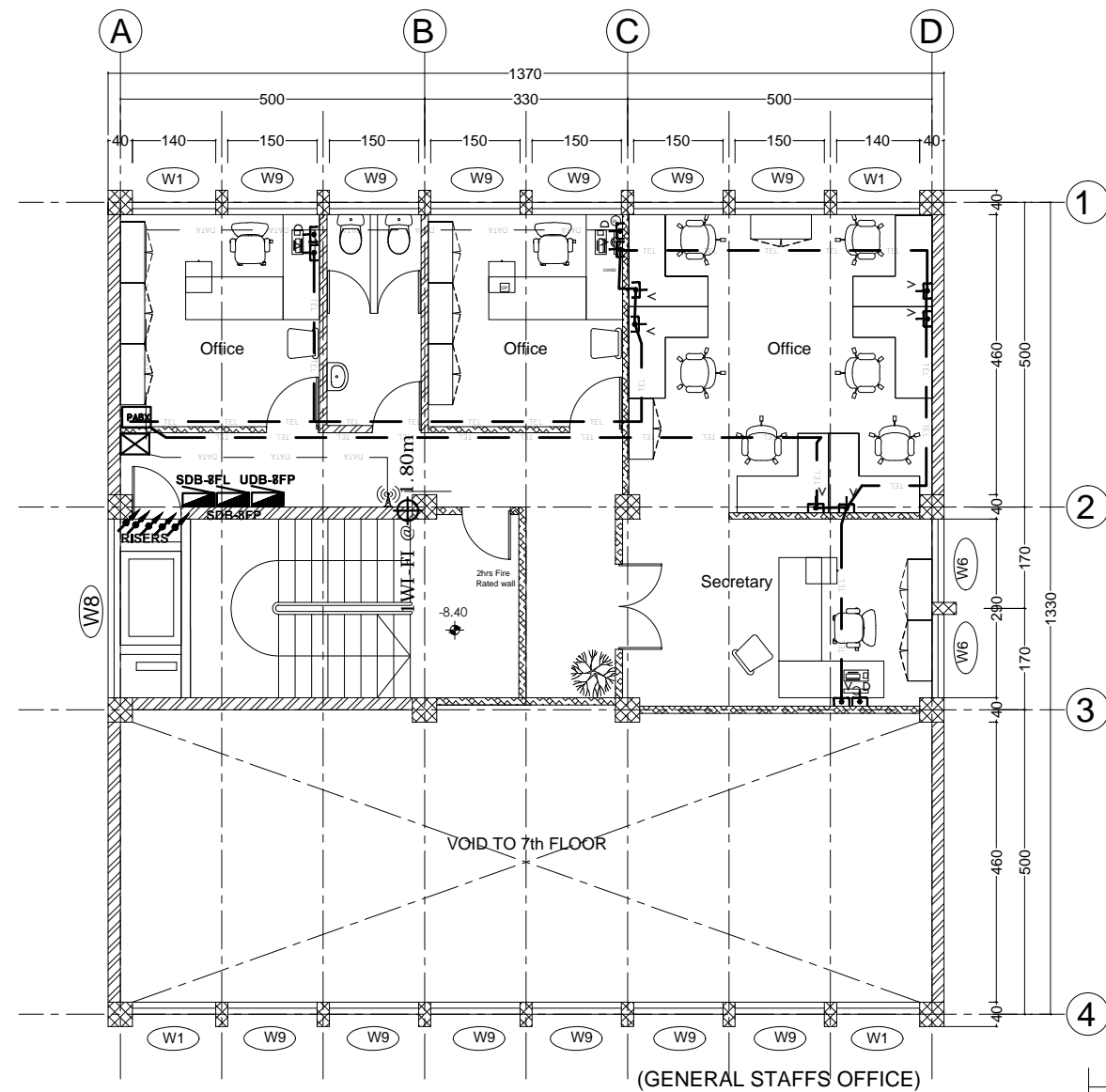
**SIXTH FLOOR TELE, DATA & WI-FI SYSTEM PLAN**  
SC 1/100

No.	CORRECTION	DATE	SIGN.
 Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co.          P.O. Box 1465, Tel: +251-11-52475, FAX: +251-11-533608,          sicon@ethionet.et, sileshjconsult@yahoo.com          ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
<b>SF &amp; 6F TEL, DATA &amp; WI-FI SYSTEM PLAN</b>		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			<b>20 / 38</b>
APPROVED BY			



SEVENTH FLOOR TELE, DATA  
& WI-FI SYSTEM PLAN

(MEETING ROOMS)

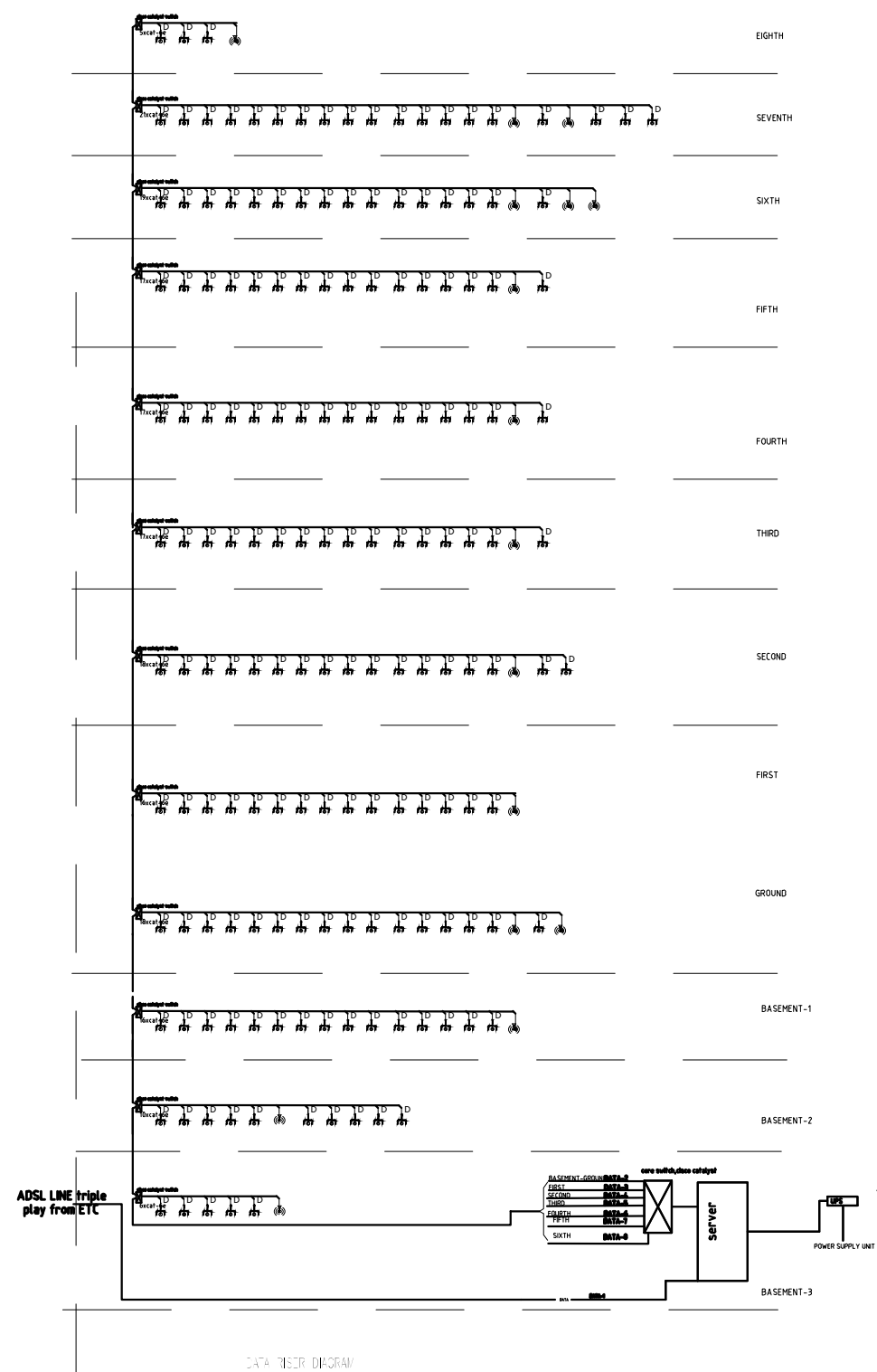


EIGHTH FLOOR TELE, DATA & WI-FI SYSTEM PLAN

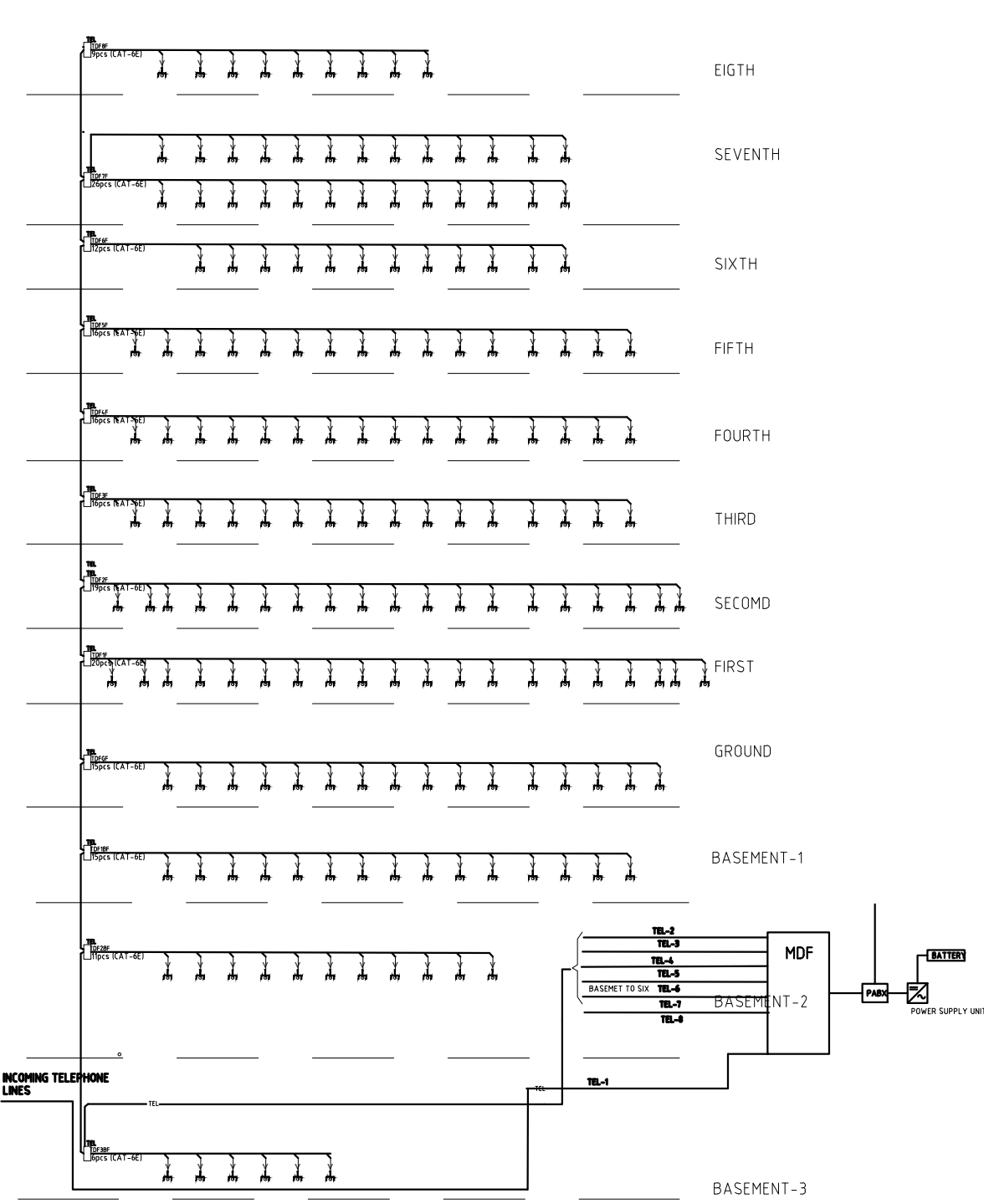
SC 1/100

(GENERAL STAFFS OFFICE)

No.	CORRECTION	DATE	SIGN.
 Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co.            P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,            sicon@ethionet.et, silesjhconsult@yahoo.com            ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE			SCALE
<b>7F &amp; 8F TELE, DATA &amp; WI-FI SYSTEM PLAN</b>			1:50, 1:25
			DATE
			Feb. 2019
DESIGNED BY	REG. NO.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			<b>21 / 38</b>
APPROVED BY			



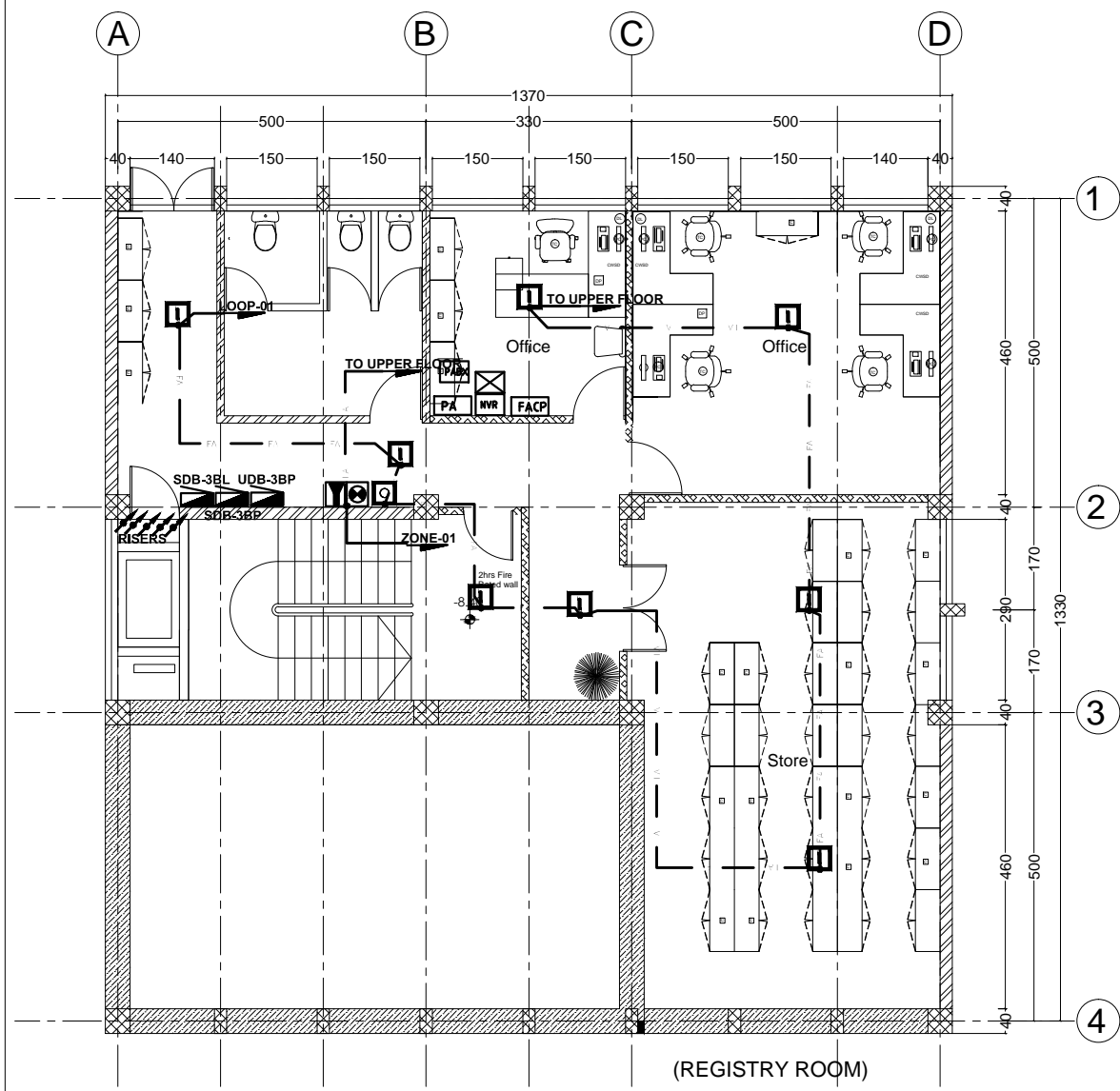
DATA RISER DIAGRAM



TELE RISER DIAGRAM

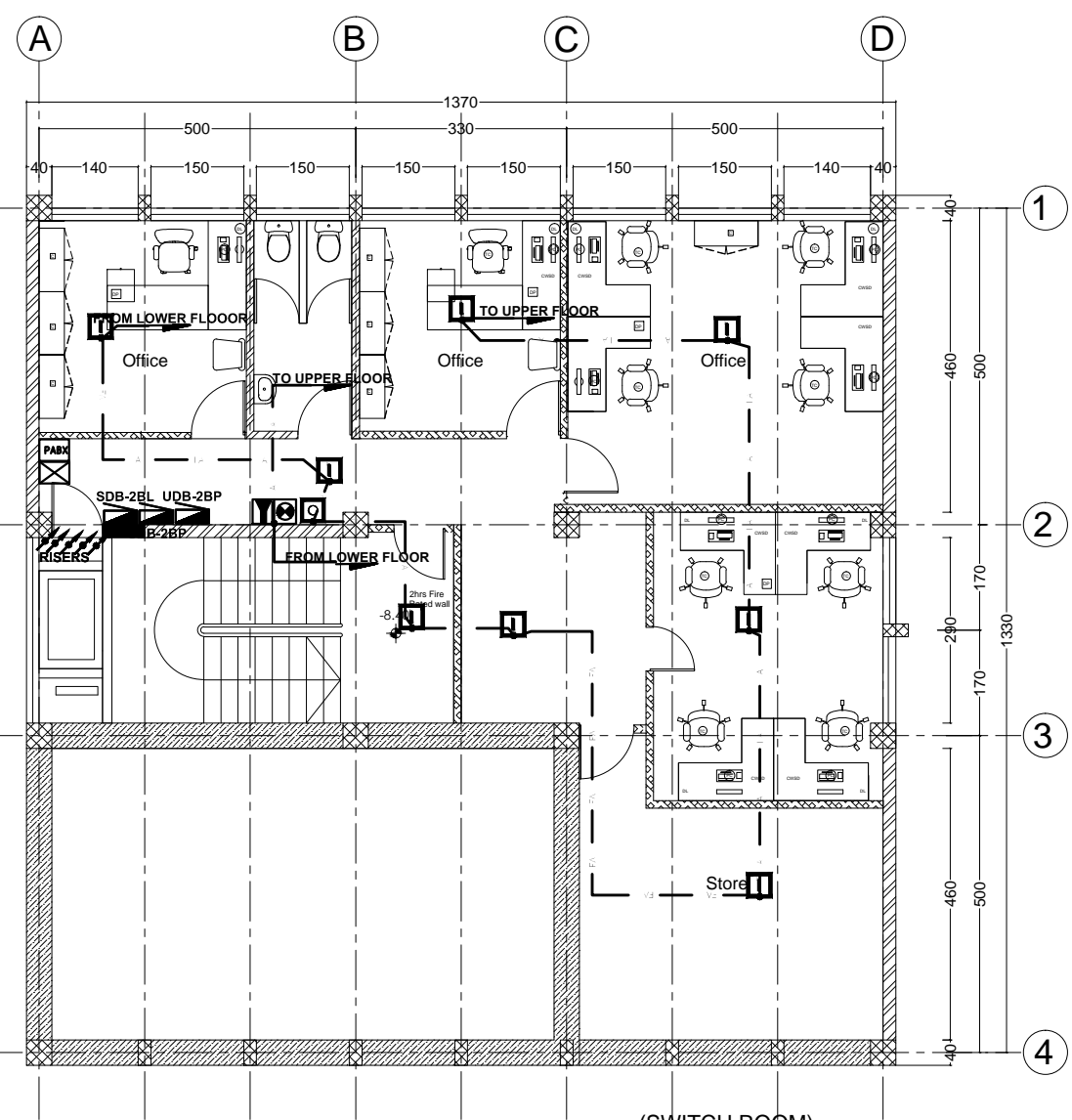
- NOTES:**
- 1 TELEPHONE SYSTEM TO SUPPORT MIN. 300 EXTENSIONS
  - 2 TELEPHONE DISTRIBUTION FRAMES (TDF) TO ACCOMMODATE MIN. 24 EXTENSIONS EACH.
  - 3 TELEPHONE SYSTEM WILL SUPPORT DATA, THAT MEANS IT IS VOICE OVER IP

No.	CORRECTION	DATE	SIGN.
 CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co. P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608, sicon@ethionet.et, sileshconsult@yahoo.com ADDIS ABABA, ETHIOPIA			
CLIENT			
<b>AFRICAN UNION COMMISSION</b>			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	1:50, 1:25
<b>TELE &amp; DATA RISER DIAGRAM</b>		DATE	Feb. 2019
DESIGNED BY	REG. NO.	SIGN.	<b>DR. NO</b>
MENGISTU B.H	PP-EE-026		<b>EL FIN</b>
DRAWN BY			
MENGISTU B.H	PP-EE-026		
CHECKED BY			
			<b>22 / 38</b>
APPROVED BY			




THIRD BASEMENT FLOOR FA SYSTEM PLAN

SC 1/100

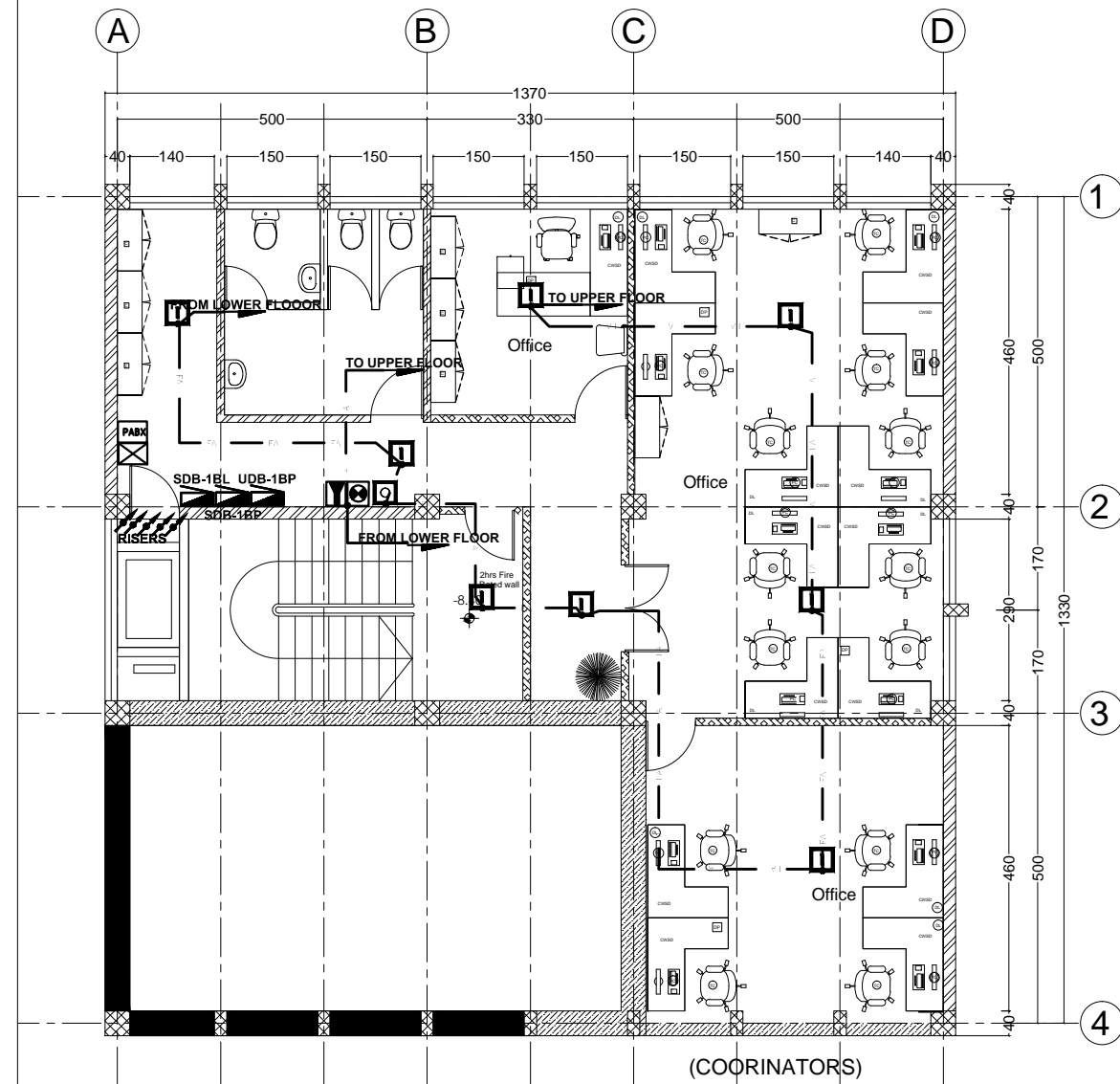


SECOND BASEMENT FLOOR FA SYSTEM PLAN

SC 1/100

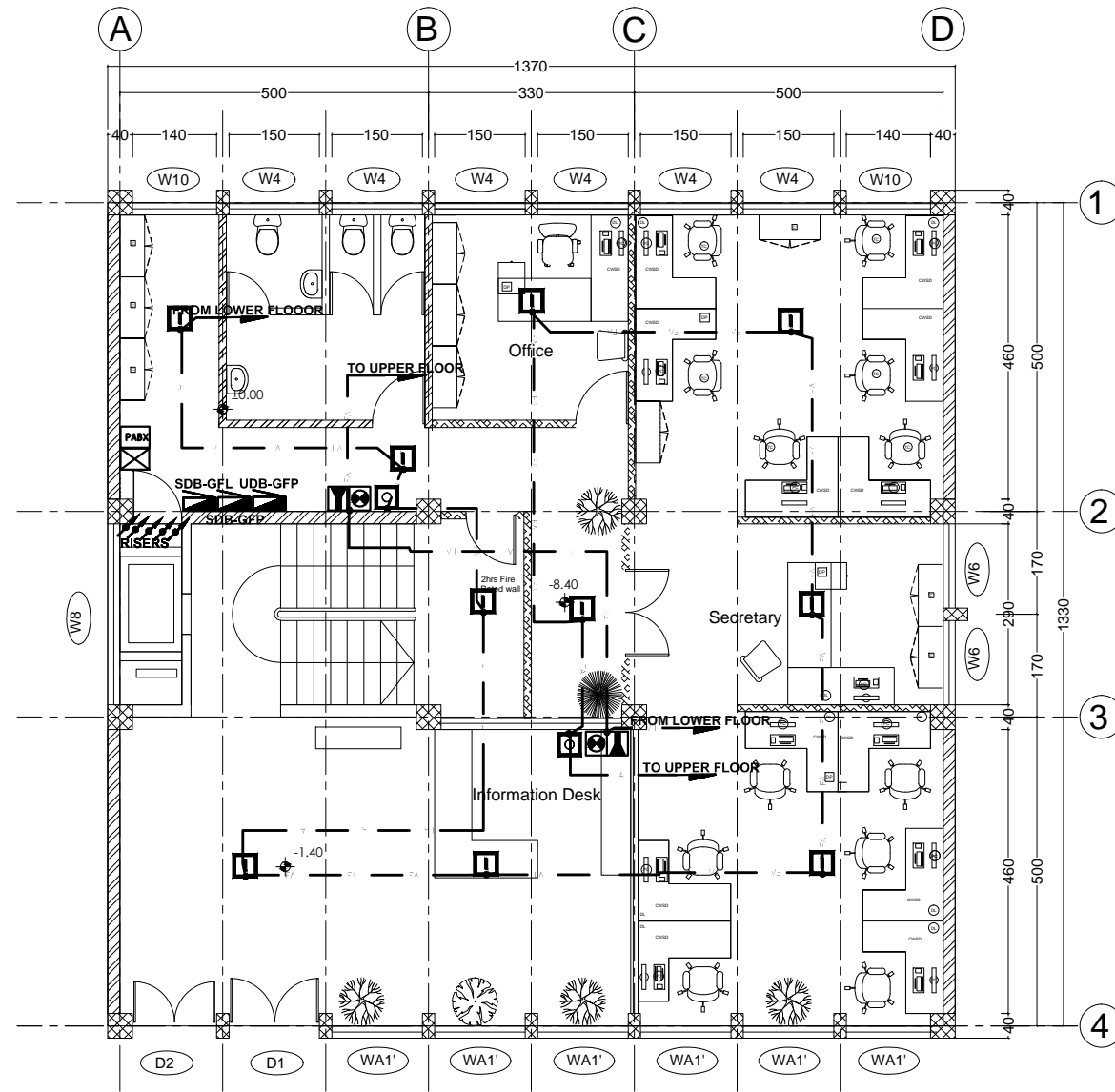
No.	CORRECTION	DATE	SIGN.
 <small>ESTABLISHED 1984</small> <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co</small> <small>P.O. Box 1405 Tel: +251-11-52475 FAX: +251-11-533608</small> <small>sicon@ethionet.et sileshjconsult@yahoo.com</small> <small>ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	1:50, 1:25
3B & 2B FLOOR FIRE ALARM SYSTEM PLAN		DATE	Feb. 2019
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			23 / 38
APPROVED BY			





FIRST BASEMENT FLOOR FA SYSTEM PLAN

SC 1/100

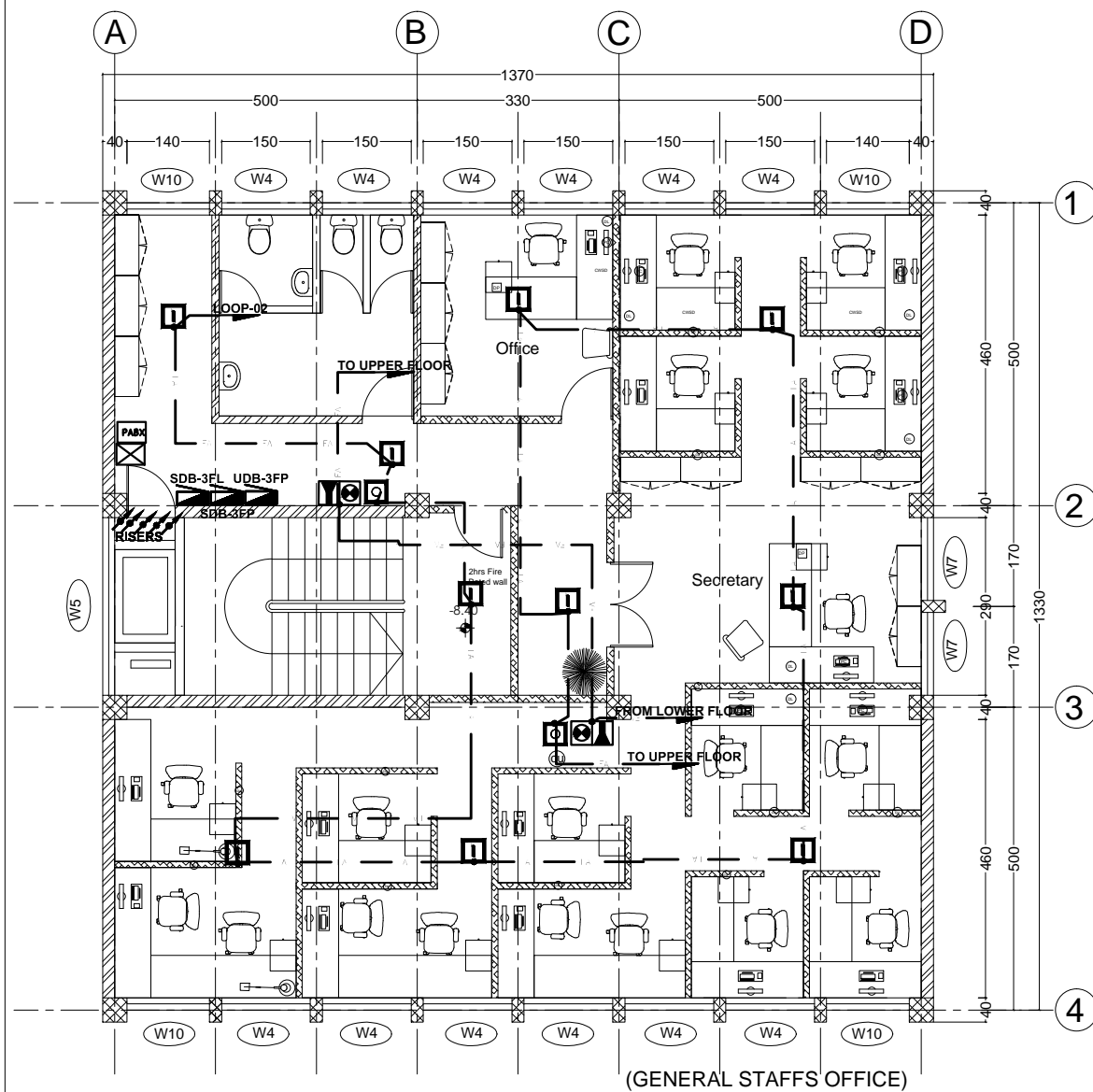


GROUND FLOOR FA SYSTEM PLAN

SC 1/100

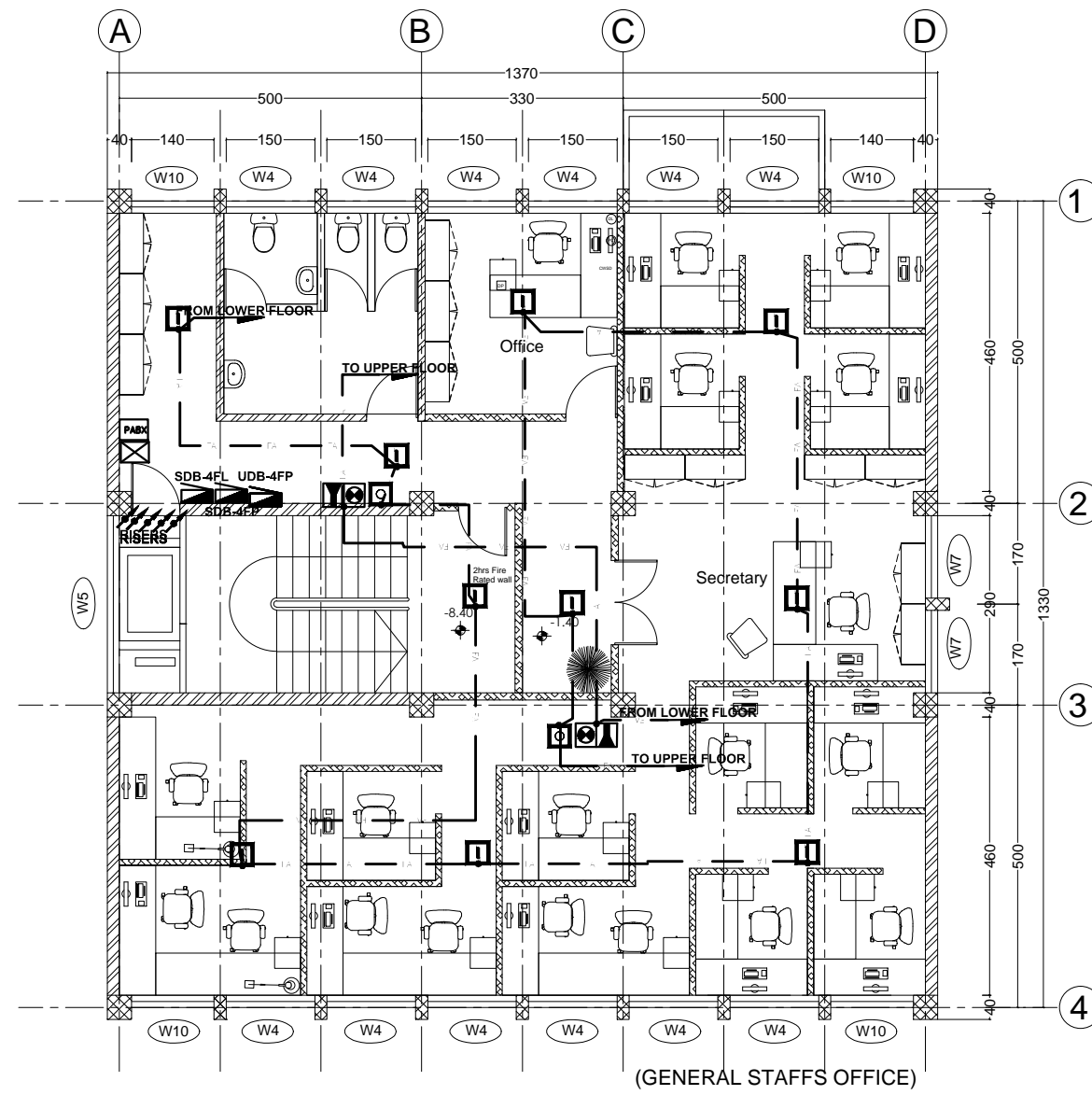
No.	CORRECTION	DATE	SIGN.
 <small>ESTABLISHED 1984</small> <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co</small> <small>P.O. Box 1465, Tel: +251-11-533608, FAX: +251-11-533608</small> <small>sicon@ethionet.et, sileshjconsult@yahoo.com</small> <small>ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
1B & G FLOOR FIRE ALARM SYSTEM PLAN		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			24 / 38
APPROVED BY			






THIRD FLOOR FA SYSTEM PLAN

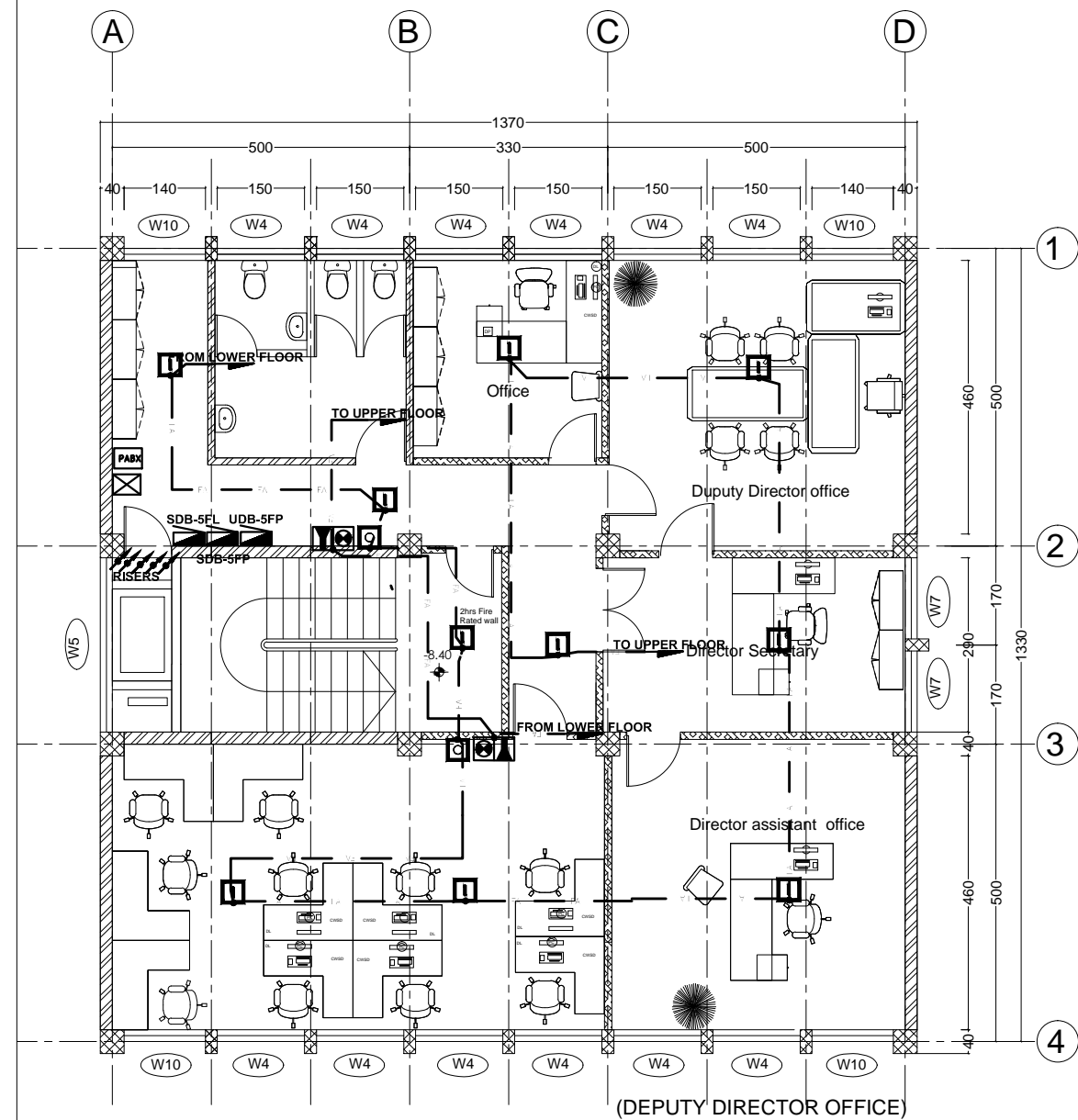
SC 1/100



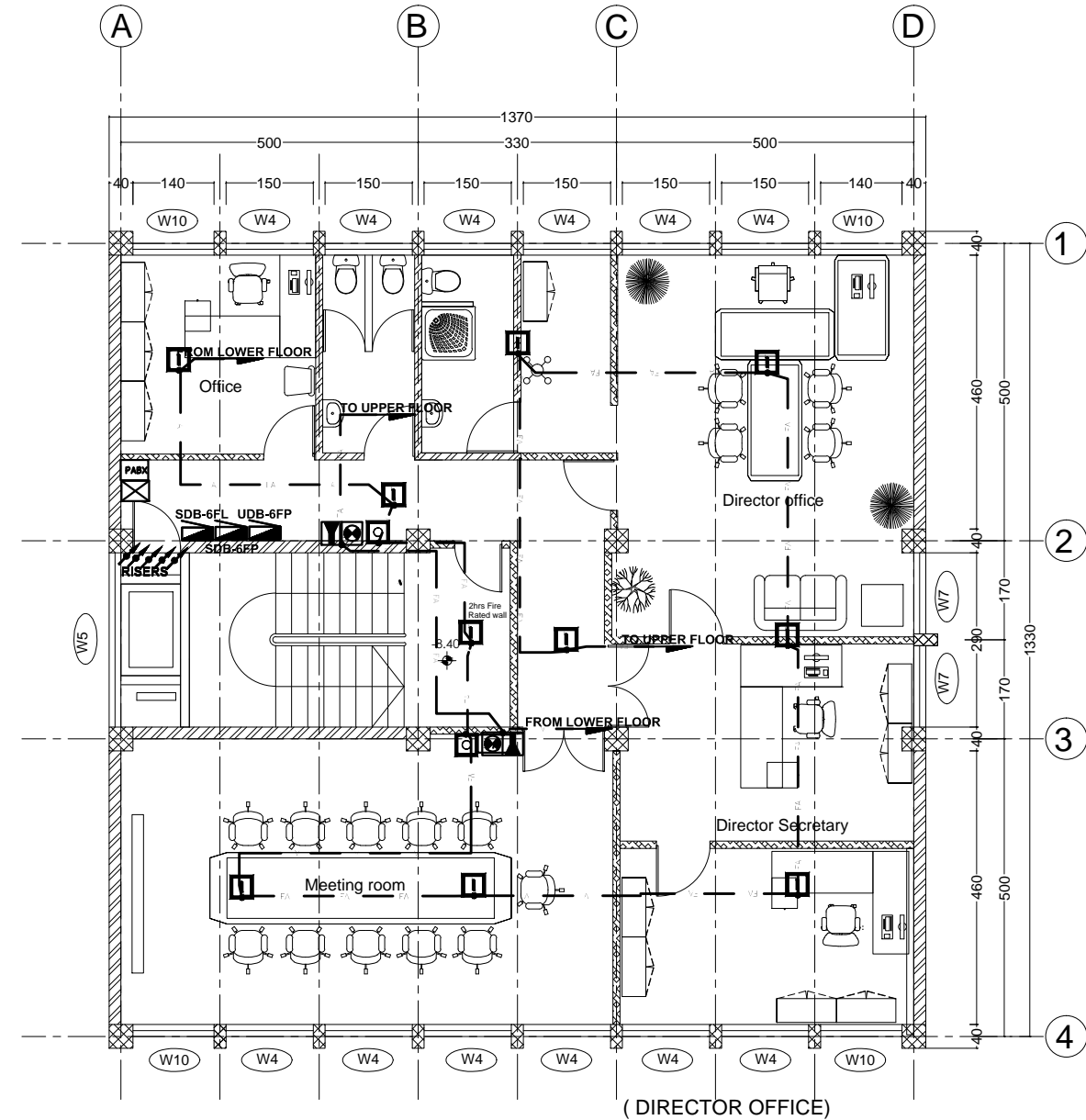
FOURTH FLOOR FA SYSTEM PLAN

SC 1/100

No.	CORRECTION	DATE	SIGN.
 <small>ESTABLISHED 1984</small> <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co</small> <small>P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,</small> <small>sicon@ethionet.et, sileshjconsult@yahoo.com</small> <small>ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE 1:50, 1:25	
3F & 4F FIRE ALARM SYSTEM PLAN		DATE Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			26 / 38
APPROVED BY			



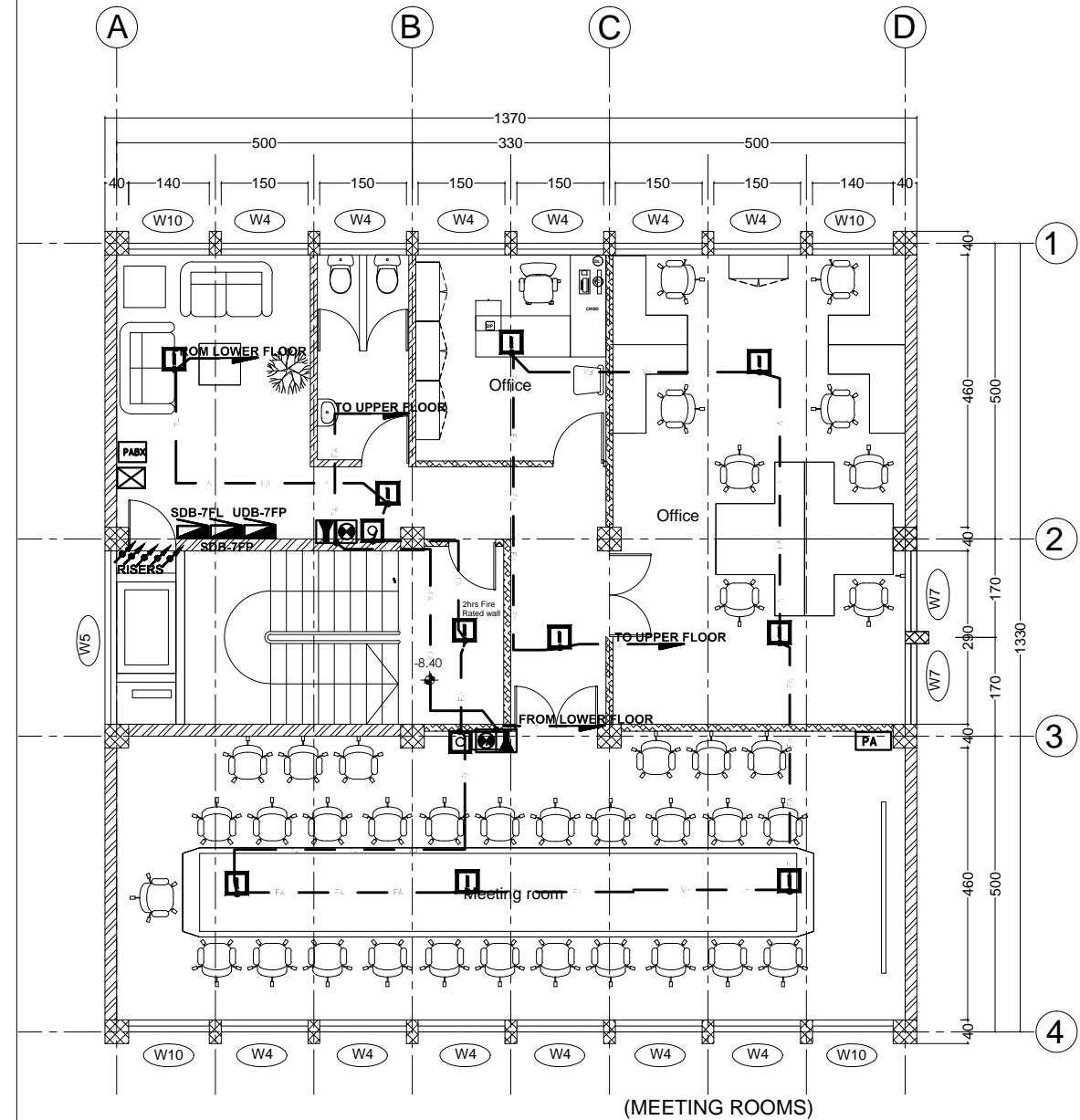
**FIFTH FLOOR FA SYSTEM PLAN**  
SC 1/100



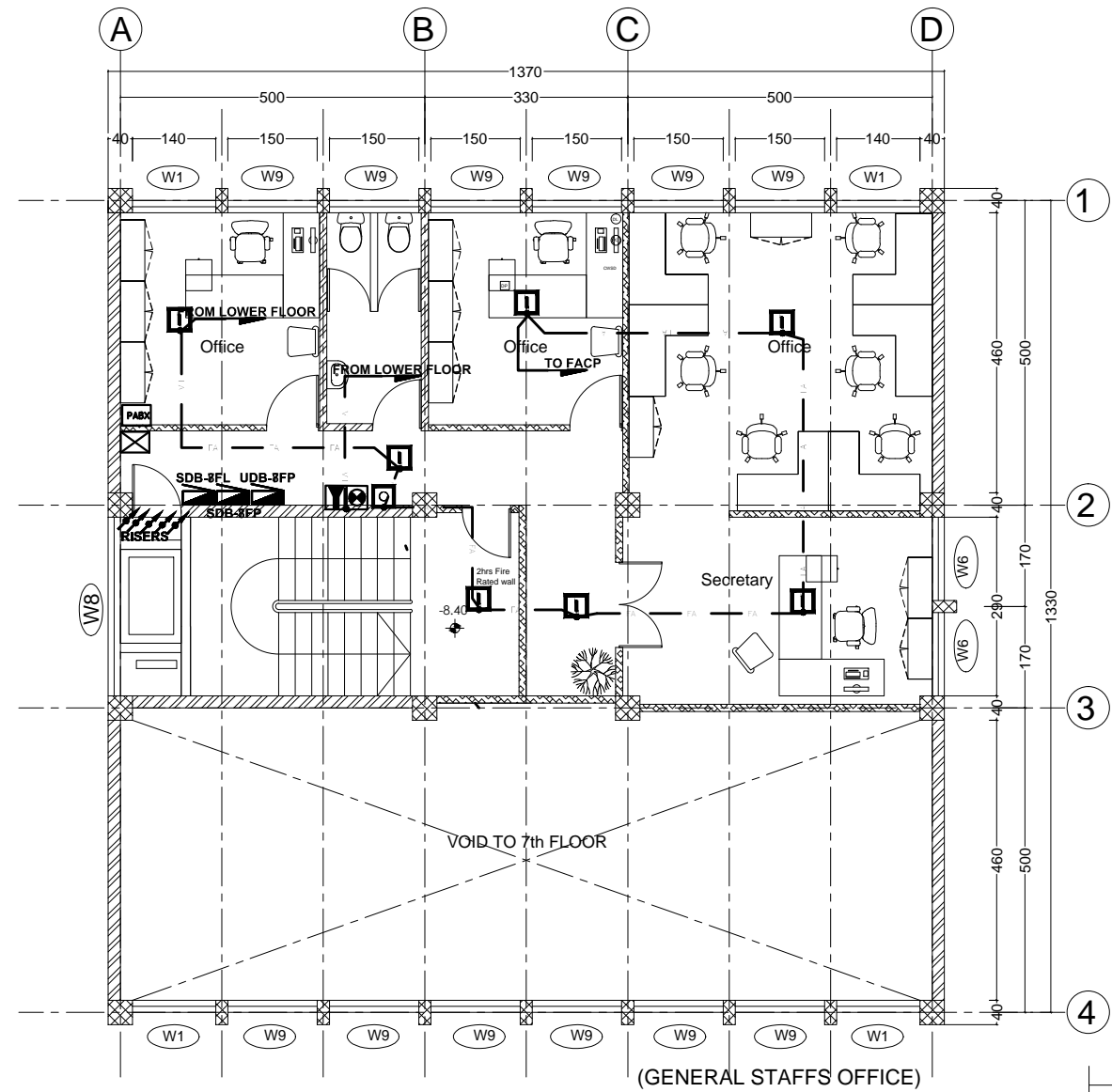
**SIXTH FLOOR FA SYSTEM PLAN**  
SC 1/100

No.	CORRECTION	DATE	SIGN.
 Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co.          P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,          sileshj@ethionet.et, sileshjconsult@yahoo.com          ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	1:50, 1:25
SF & 6F FIRE ALARM SYSTEM PLAN		DATE	Feb. 2019
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			27 / 38
APPROVED BY			




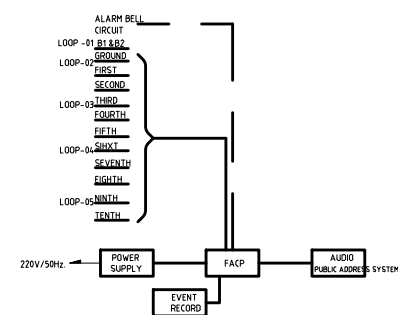
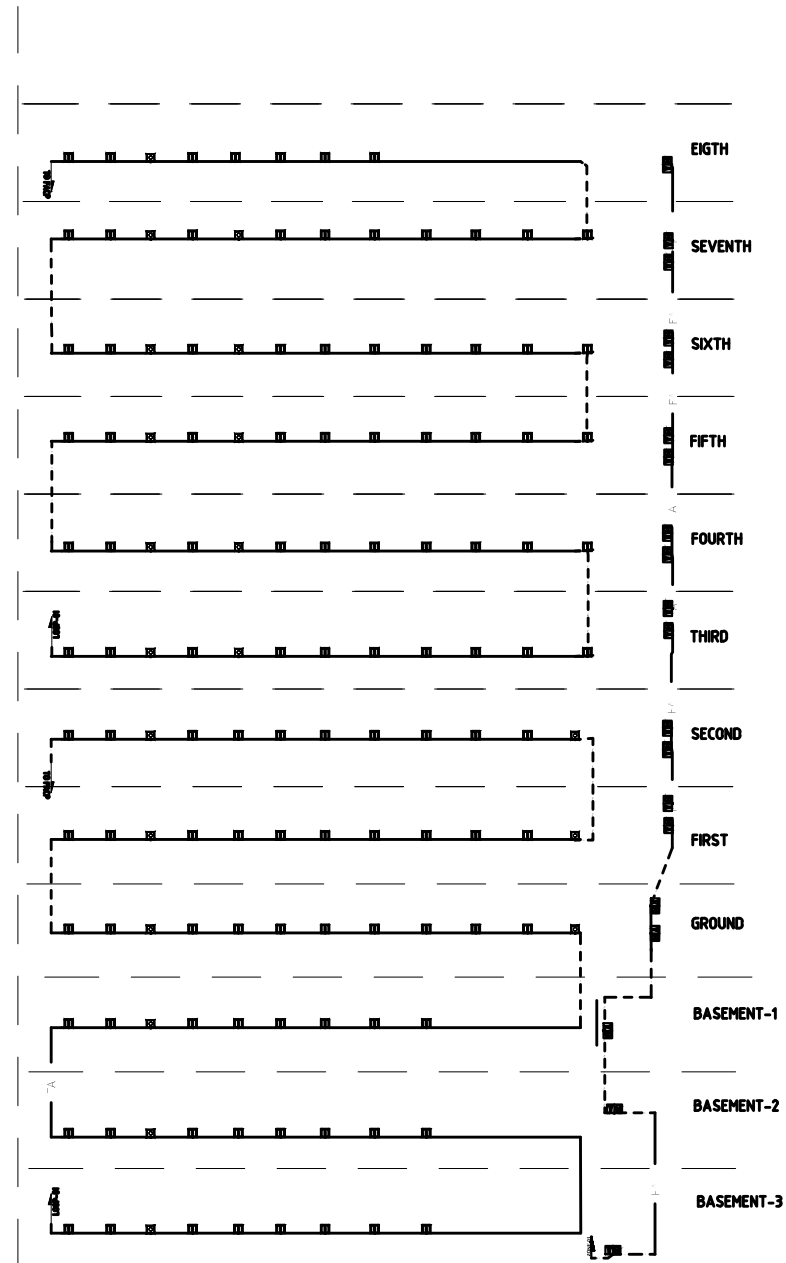


**SEVENTH FLOOR FA SYSTEM PLAN**  
SC 1/100



**EIGHTH FLOOR FA SYSTEM PLAN**  
SC 1/100

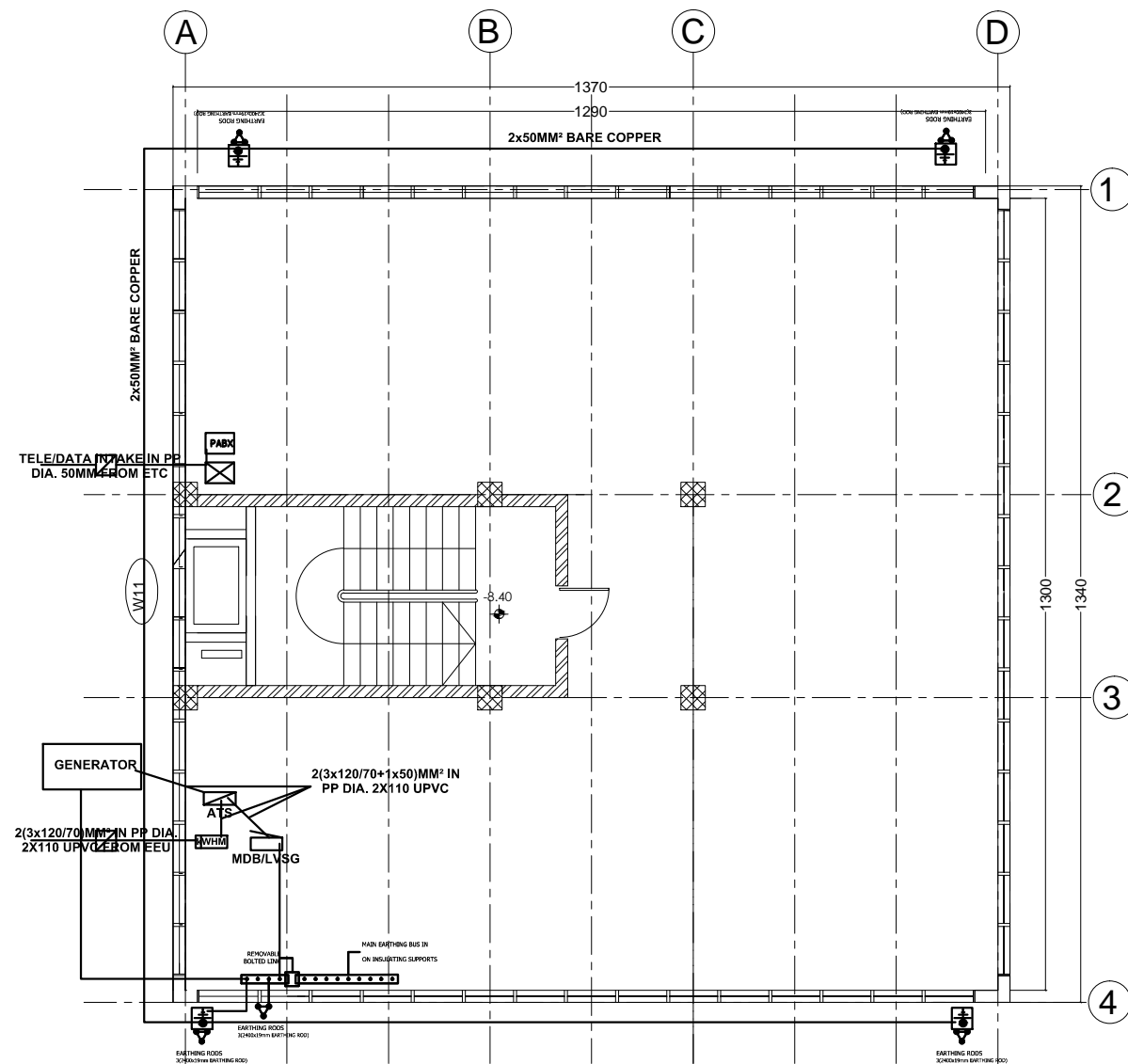
No.	CORRECTION	DATE	SIGN.
 Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co.          P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,          sileshj@ethionet.et, sileshjconsult@yahoo.com          ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
7F & 8F FIRE ALARM SYSTEM PLAN		1:50, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			28 / 38
APPROVED BY			



- NOTES:**
1. ALL SYSTEM WIRING AND CABLING TO BE DONE ACCORDING TO SYSTEM SUPPLIERS INSTRUCTIONS AND ACCORDING LOCAL AUTHORITY REQUIREMENTS.
  2. COMPLETE APPROVED OPERATIONAL SYSTEM TO BE PROVIDED BY A SINGLE MANUFACTURER.
  3. ALARM BELLS TO BE PROGRAMMED TO OPERATE ACCORDING SEPARATE AGREEMENT.
  5. FINAL DIAGRAM TO BE PROVIDED BY THE SYSTEM SUPPLIER

**FIRE ALARM RISER SYSTEM PLAN**

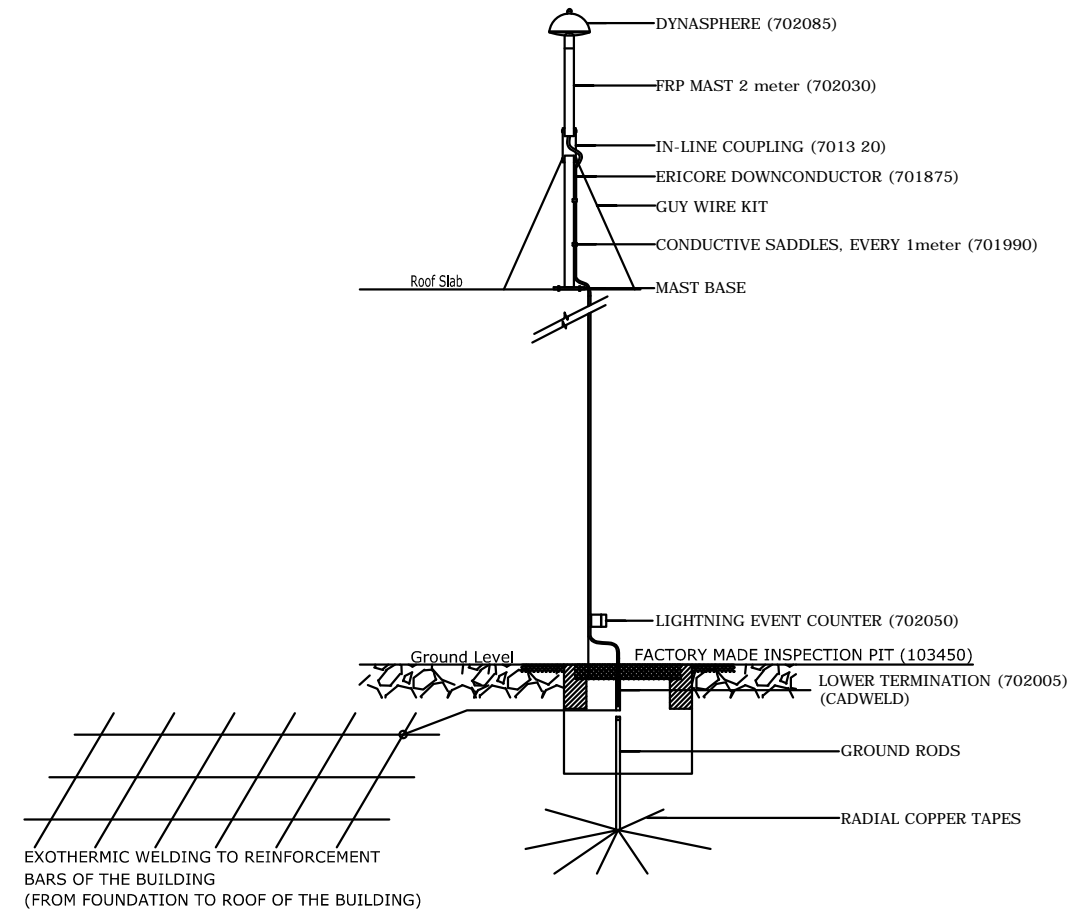
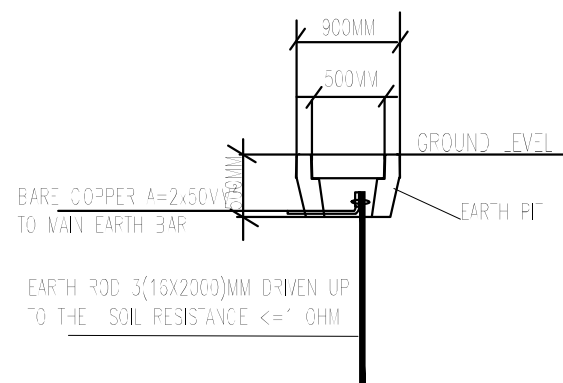
No.	CORRECTION	DATE	SIGN.
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	1:50, 1:25
FA RISER DIAGRAM SYSTEM PLAN		DATE	Feb. 2019
DESIGNED BY	REG. NO.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			29 / 38
APPROVED BY			



**EARTHING & SITE ELECTRICAL SYSTEM PLAN**


SC 1/100

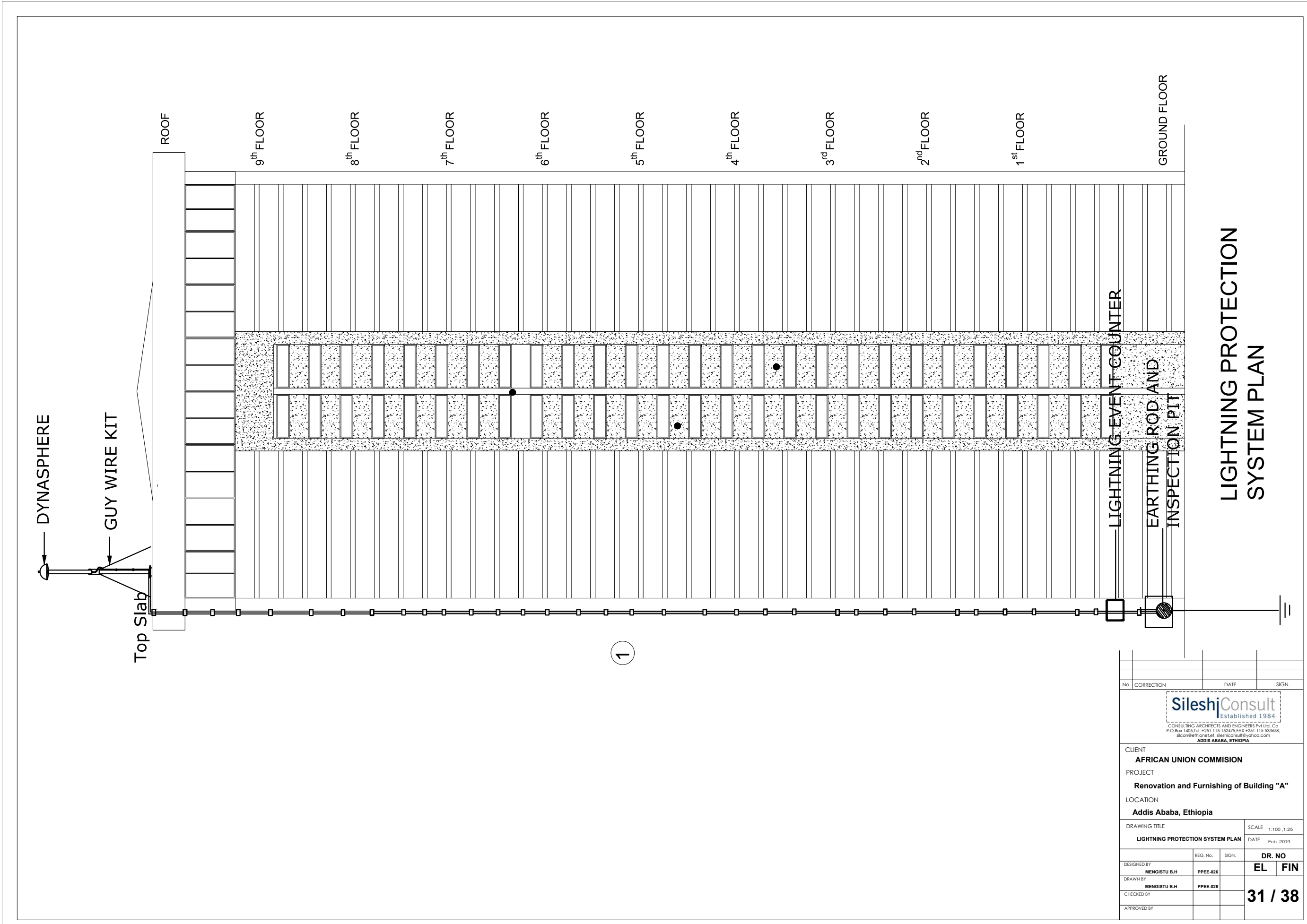
EARTHING DETAIL




**LIGHTNING PROTECTION SYSTEM DETAIL**

Scale: Not to Scale

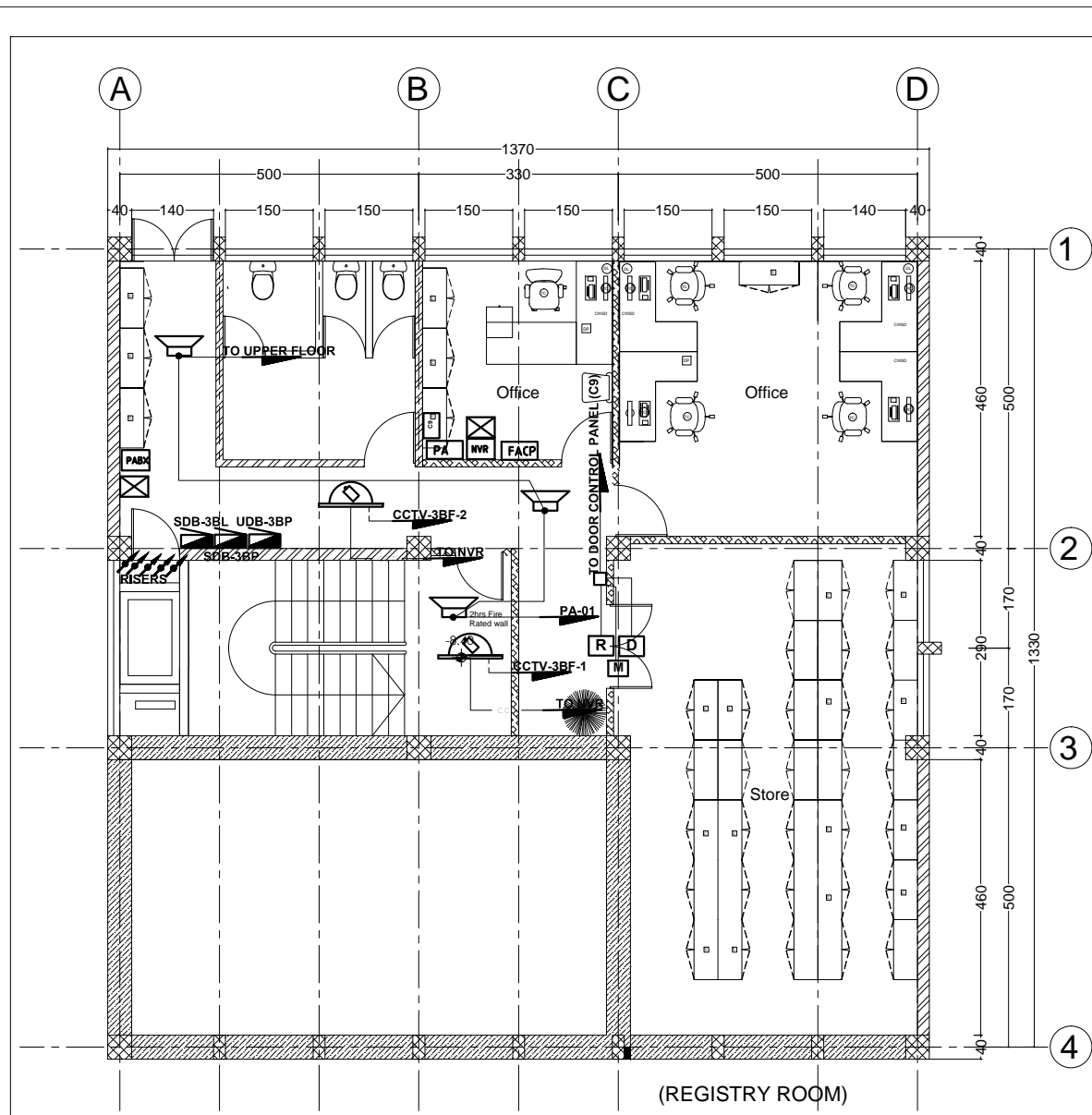
No.	CORRECTION	DATE	SIGN.
 Established 1984 CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co P.O. Box 1405, Tel: +251-115-152475, FAX: +251-115-533688 silcon@ethionet.et, sileshjconsult@yahoo.com ADDIS ABABA, ETHIOPIA			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE 1:100, 1:25	
EARTHING, SITE ELECTRICAL, LIGHTNING PROTECTION & EARTH DETAIL SYSTEM PLAN		DATE Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO.
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			30 / 38
APPROVED BY			



**LIGHTNING PROTECTION  
SYSTEM PLAN**

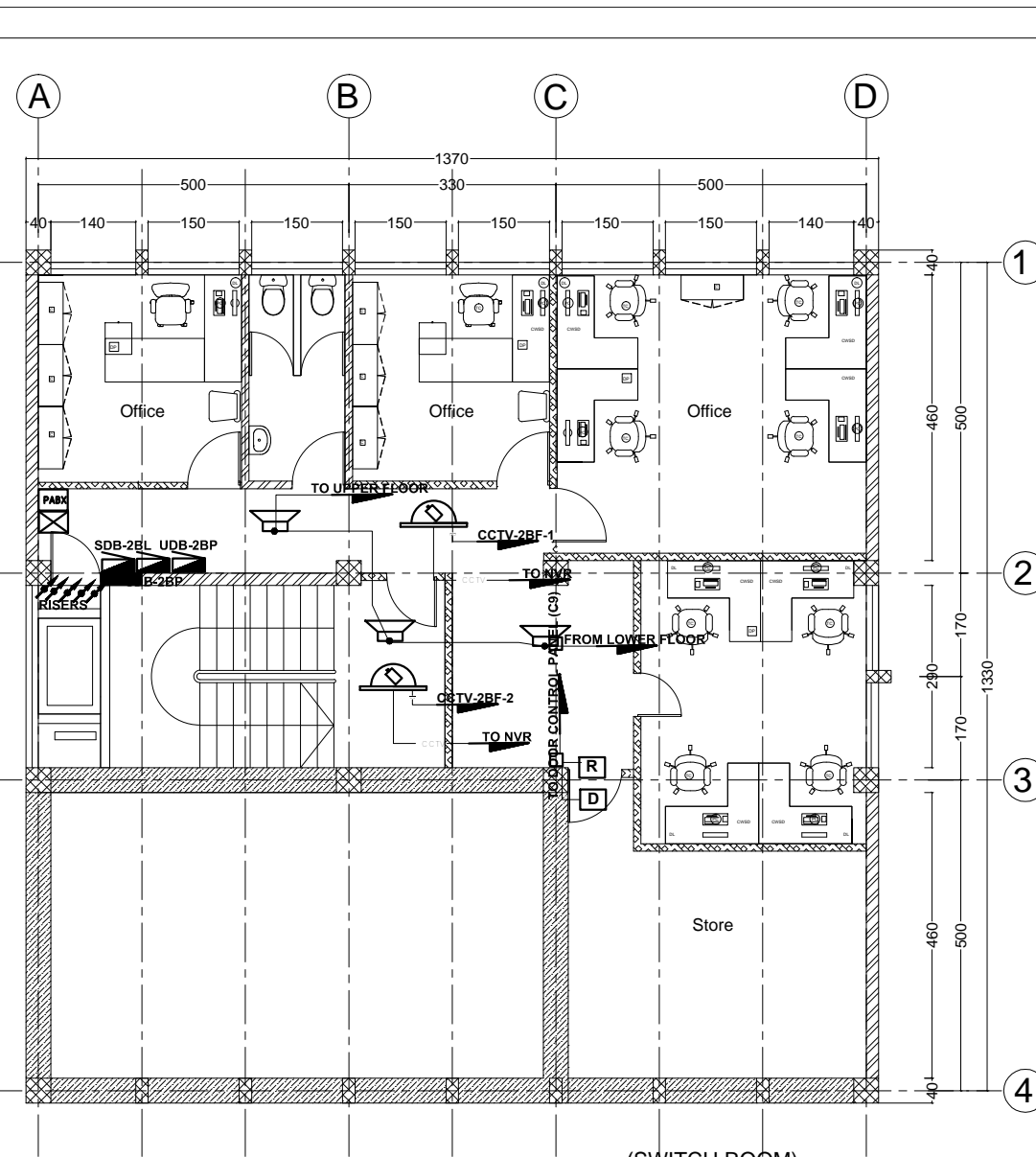
No.	CORRECTION	DATE	SIGN.
 Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co          P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,          sileshj@ethionet.et, sileshjconsult@yahoo.com          ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	1:100 / 1:25
LIGHTNING PROTECTION SYSTEM PLAN		DATE	Feb. 2019
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			<b>31 / 38</b>
APPROVED BY			






THIRD BASEMENT FLOOR CCTV, PA & ACCESS CONTROL SYSTEM PLAN

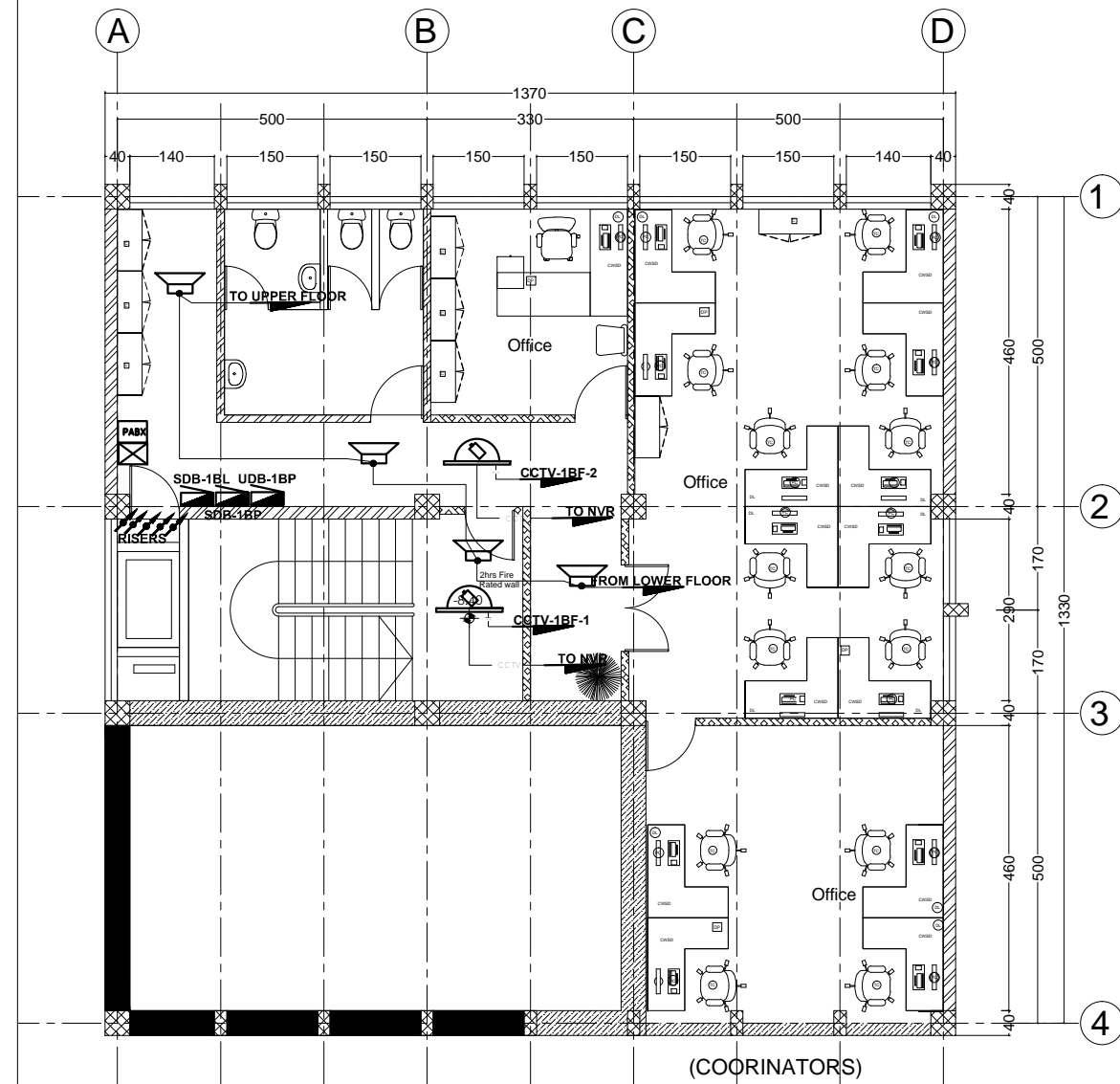
SC 1/100



SECOND BASEMENT FLOOR CCTV, PA & ACCESS CONTROL SYSTEM PLAN

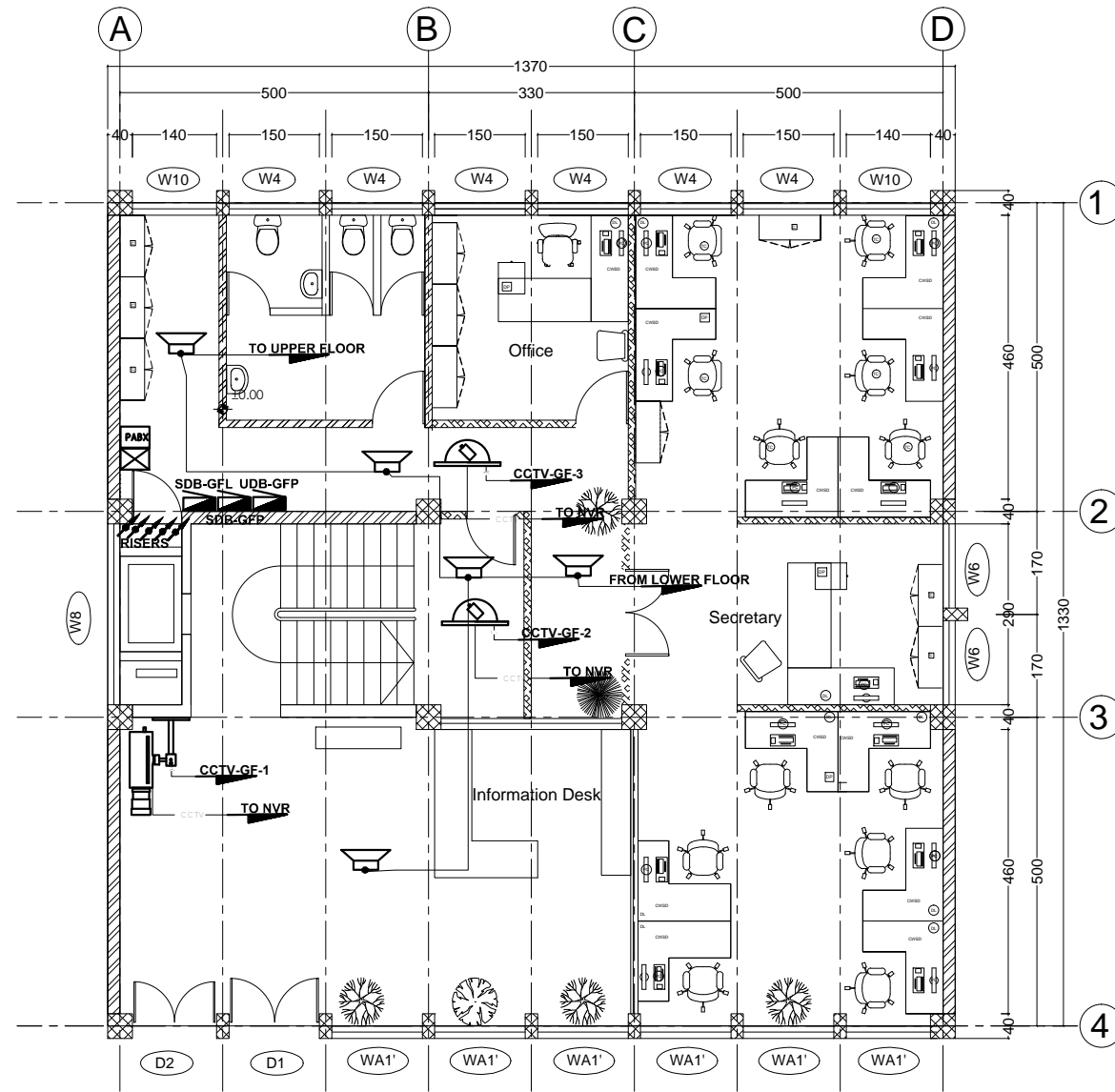
SC 1/100

No.	CORRECTION	DATE	SIGN.
 <small>ESTABLISHED 1984</small> <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co</small> <small>P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608</small> <small>sicon@ethionet.et, sileshjconsult@yahoo.com</small> <small>ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	1:100, 1:25
3B & 2B FLOOR PA, CCTV, & ACCESS CONTROL SYSTEM PLAN		DATE	Feb. 2019
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			32 / 38
APPROVED BY			




FIRST BASEMENT FLOOR CCTV, PA & ACCESS CONTROL SYSTEM PLAN

SC 1/100

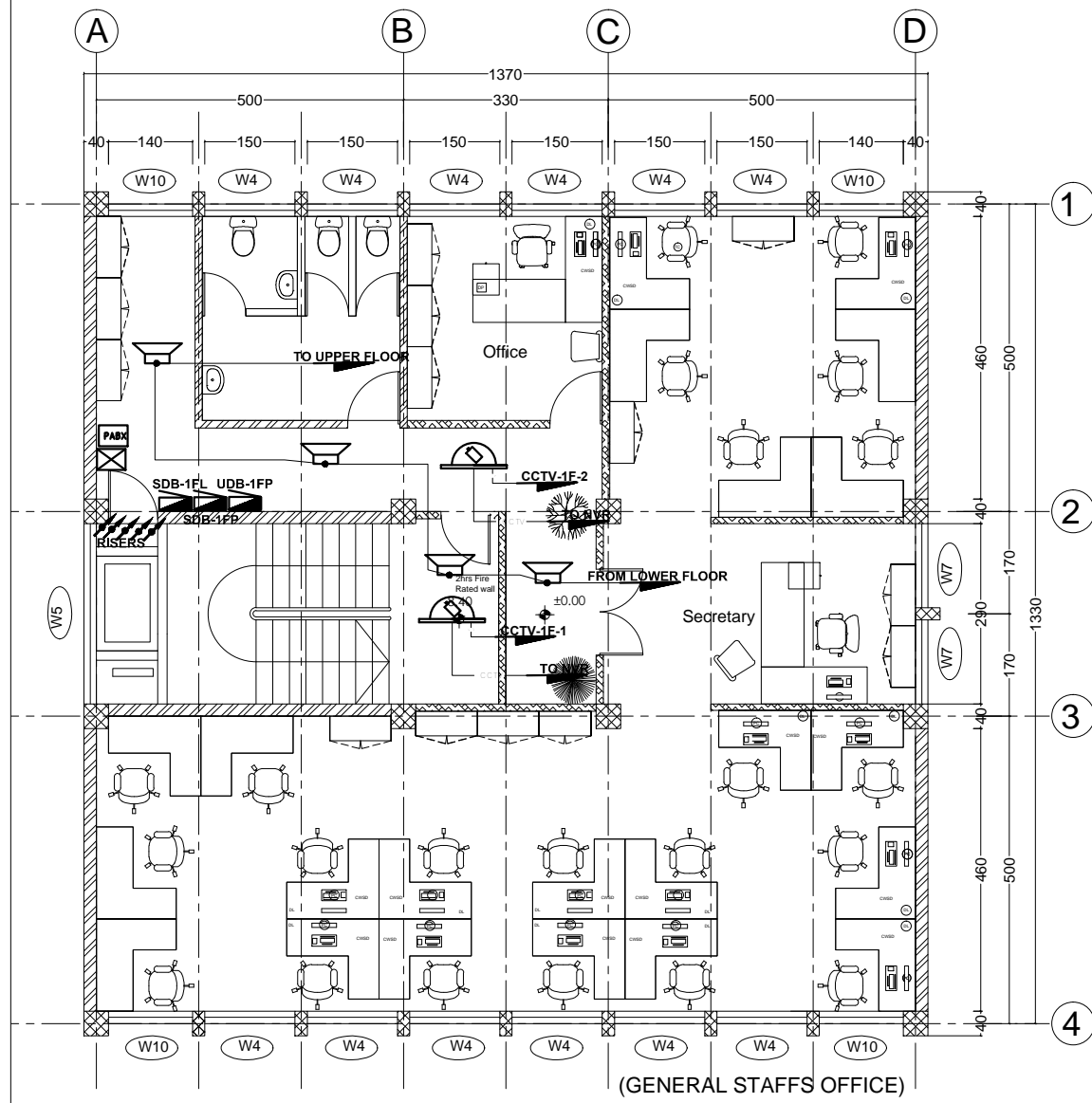


GROUND FLOOR CCTV, PA & ACCESS CONTROL SYSTEM PLAN

SC 1/100

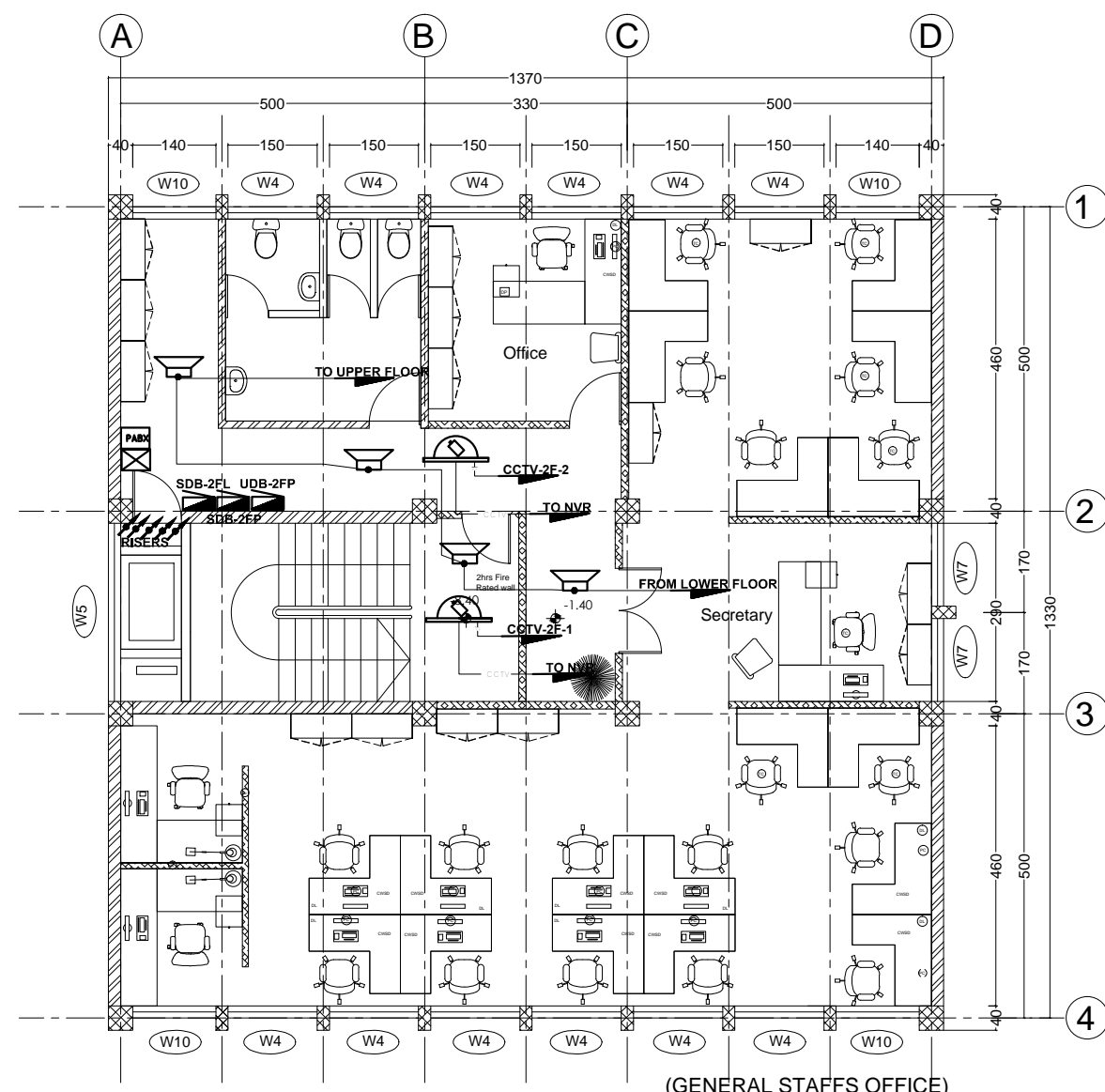
No.	CORRECTION	DATE	SIGN.
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CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	DR. NO
1B & G FLOOR PA, CCTV & ACCESS CONTROL SYSTEM PLAN		1:100, 1:25	EL FIN
DATE		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
APPROVED BY			

33 / 38




FIRST FLOOR CCTV, PA & ACCESS CONTROL SYSTEM PLAN

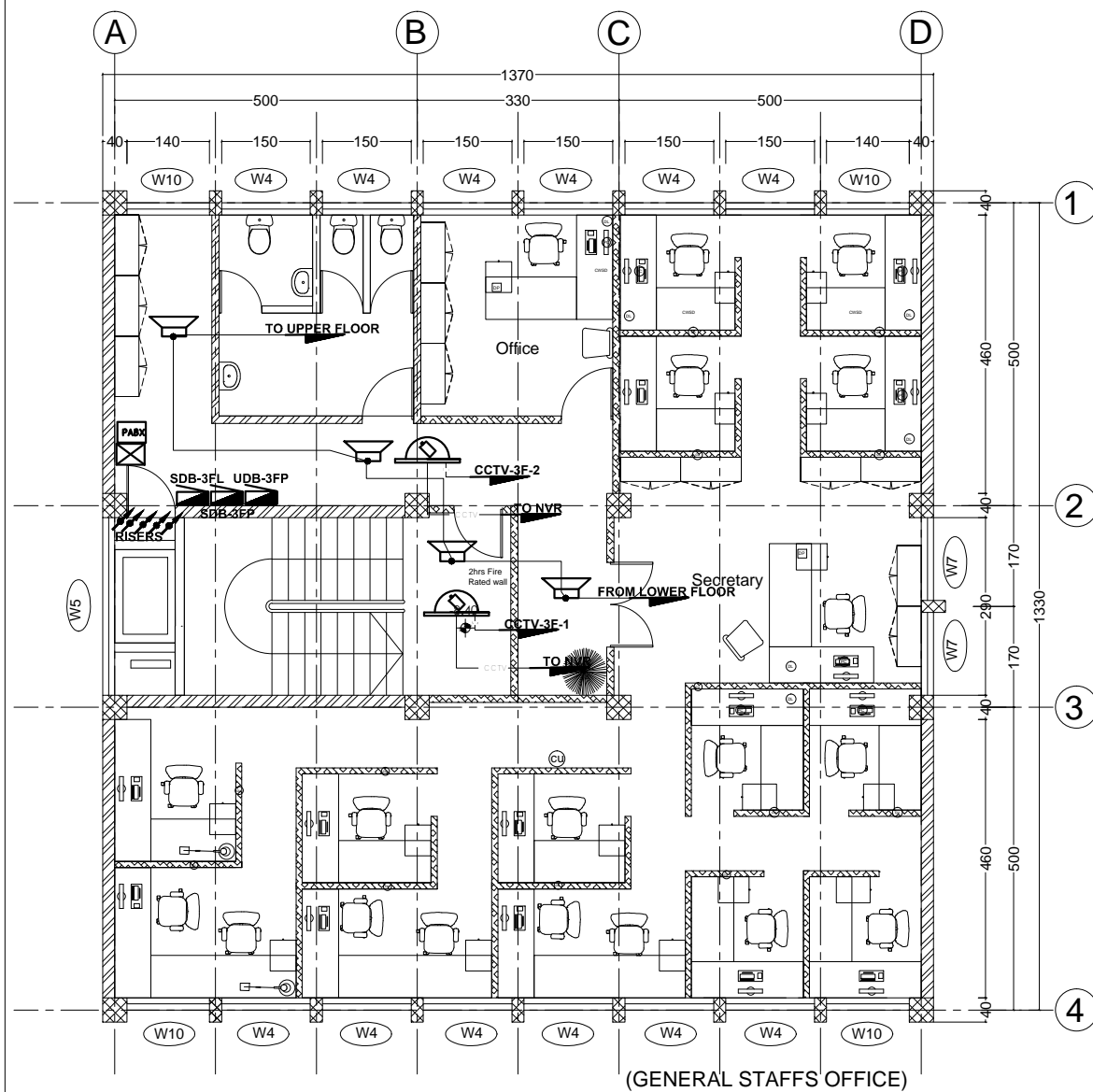
SC 1/100



SECOND FLOOR CCTV, PA & ACCESS CONTROL SYSTEM PLAN

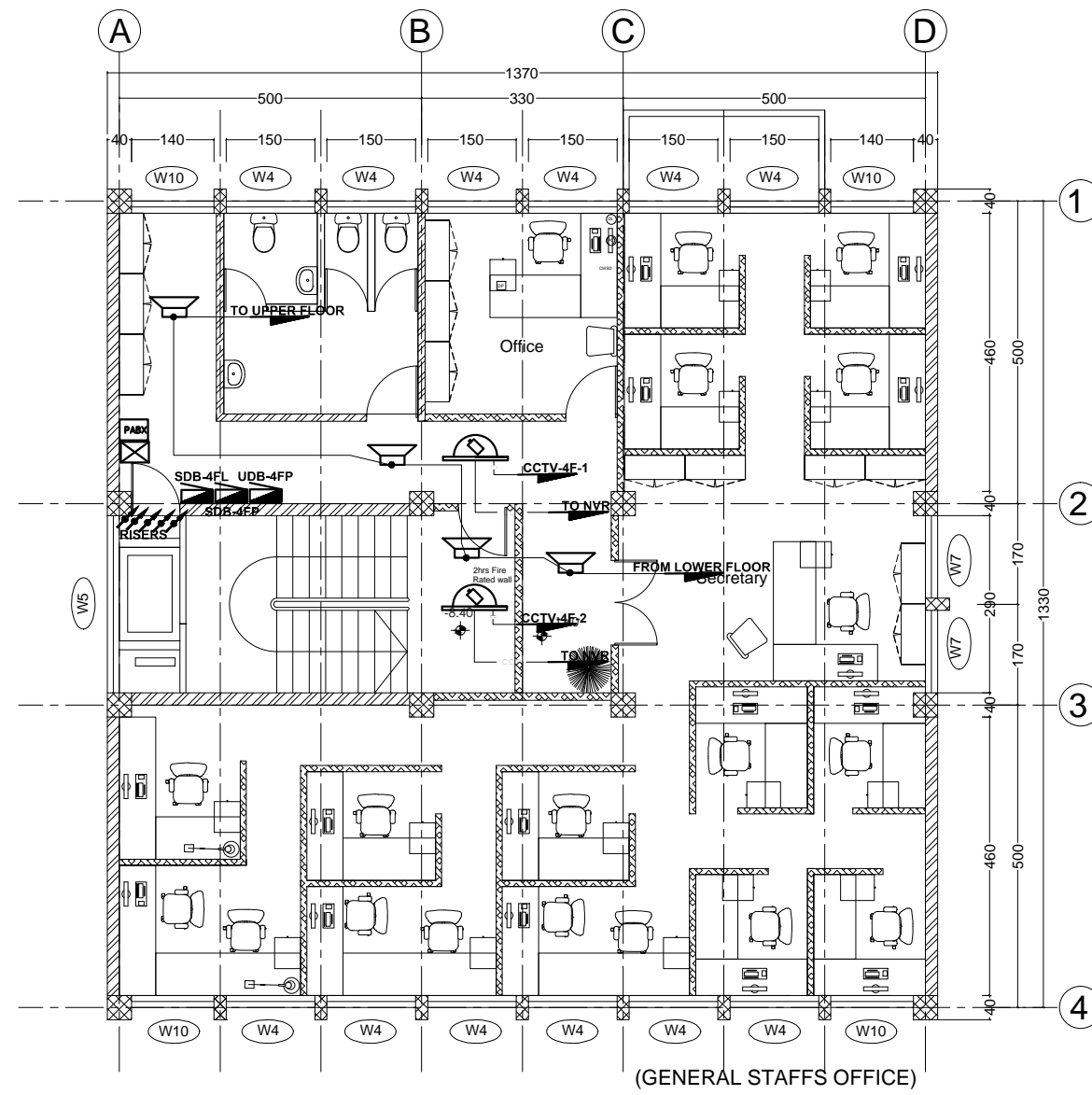
SC 1/100

No.	CORRECTION	DATE	SIGN.
 <small>ESTABLISHED 1984</small> <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co</small> <small>P.O. Box 1465, Tel: +251-11-533368, FAX: +251-11-533368</small> <small>sileshj@ethionet.et, sileshjconsult@yahoo.com</small> <small>ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
1F & 2F CCTV, PA & ACCESS CONTROL SYSTEM PLAN		1:100, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			34 / 38
APPROVED BY			




THIRD FLOOR CCTV, PA, & ACCESS CONTROL SYSTEM PLAN

SC 1/100

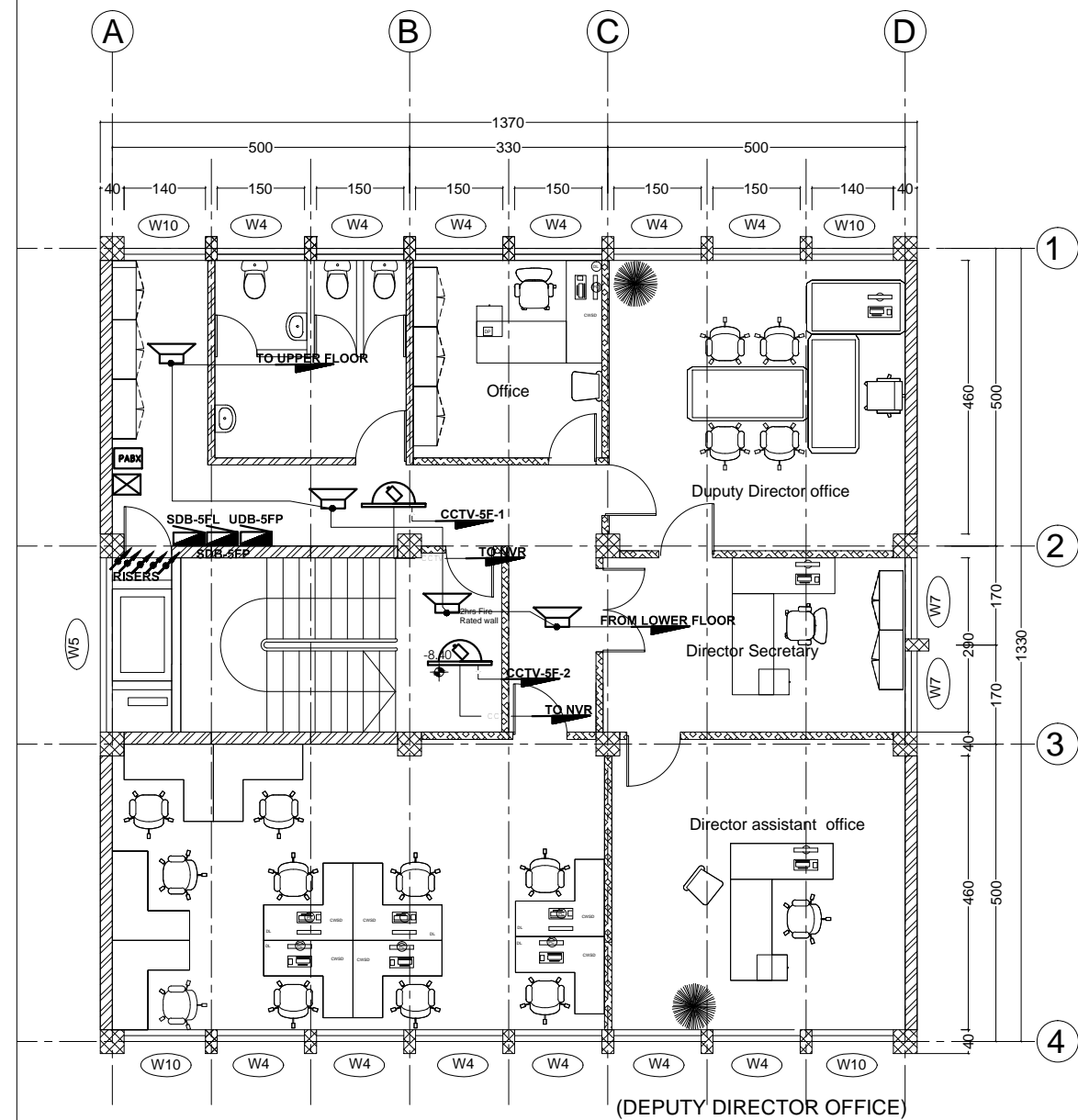


FOURTH FLOOR CCTV, PA, & ACCESS CONTROL SYSTEM PLAN

SC 1/100

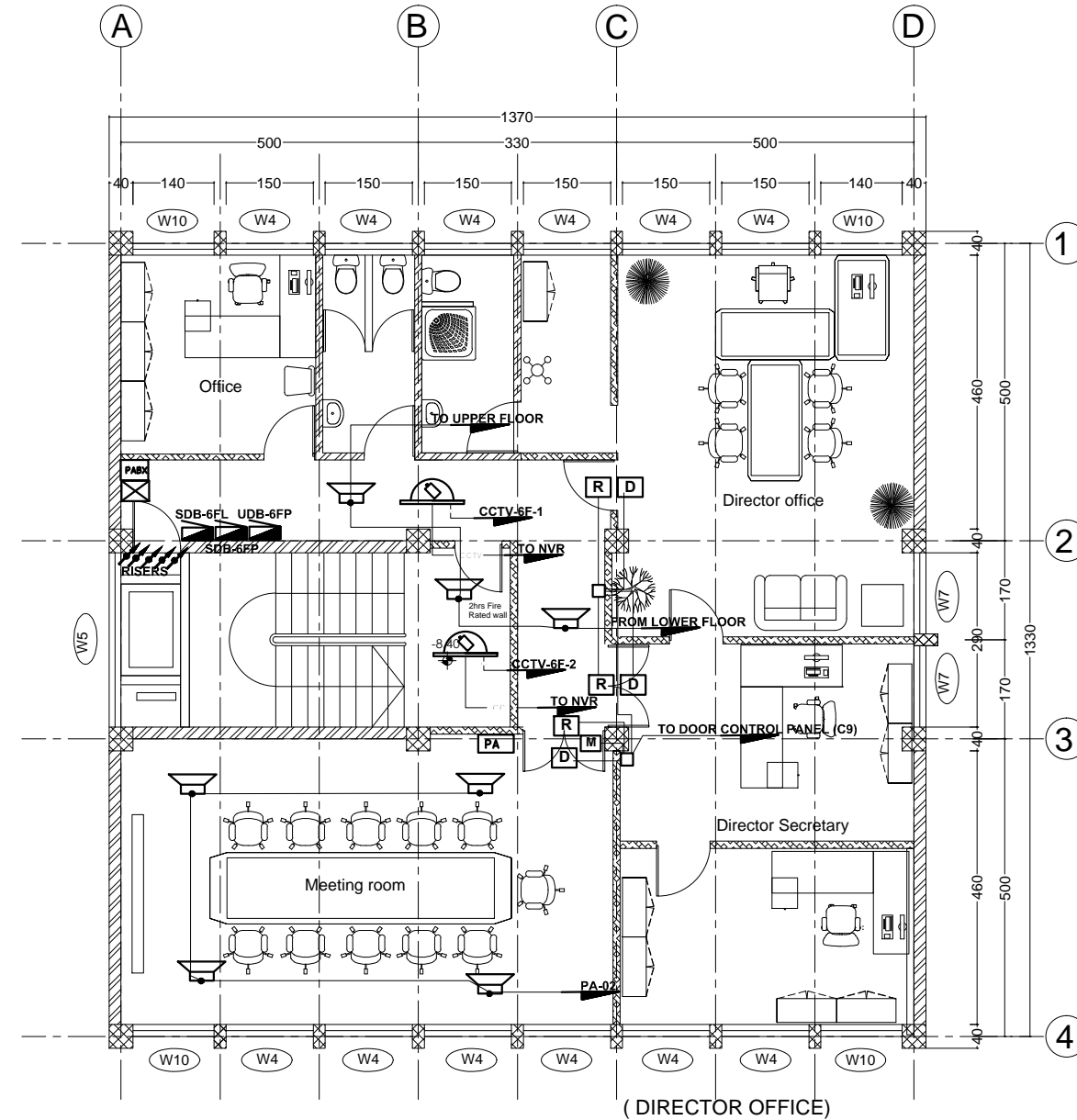
No.	CORRECTION	DATE	SIGN.
 <small>ESTABLISHED 1984</small> <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co</small> <small>P.O. Box 1465, Tel: +251-11-5333628, FAX: +251-11-5333628</small> <small>sileshj@ethionet.et, sileshjconsult@yahoo.com</small> <small>ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	DR. NO
3F & 4F PA, CCTV & ACCESS CONTROL SYSTEM PLAN		1:100, 1:25	EL FIN
		DATE	Feb. 2019
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			35 / 38
APPROVED BY			






FIFTH FLOOR CCTV, PA, & ACCESS CONTROL SYSTEM PLAN

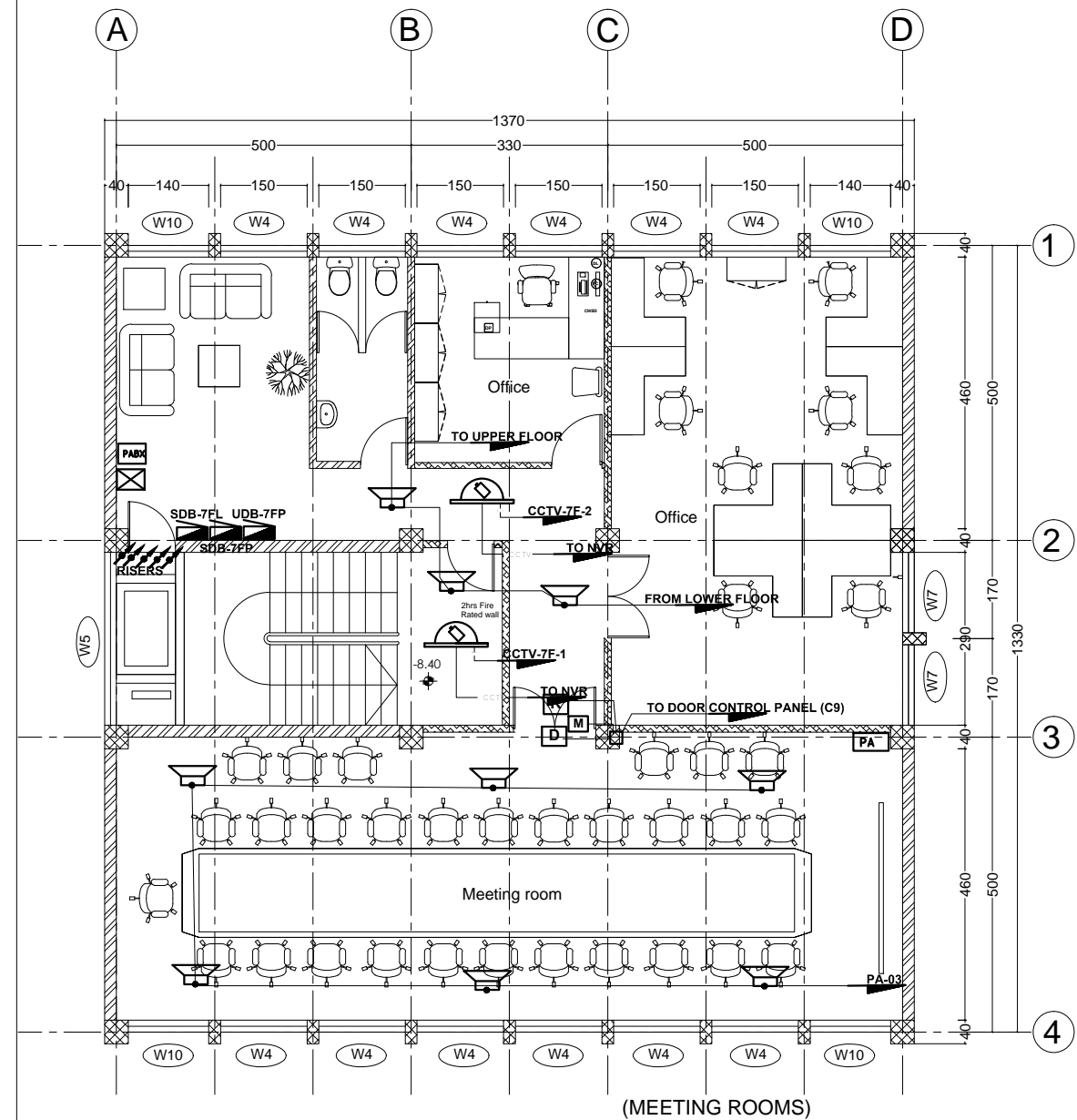
SC 1/100



SIXTH FLOOR CCTV, PA, & ACCESS CONTROL SYSTEM PLAN

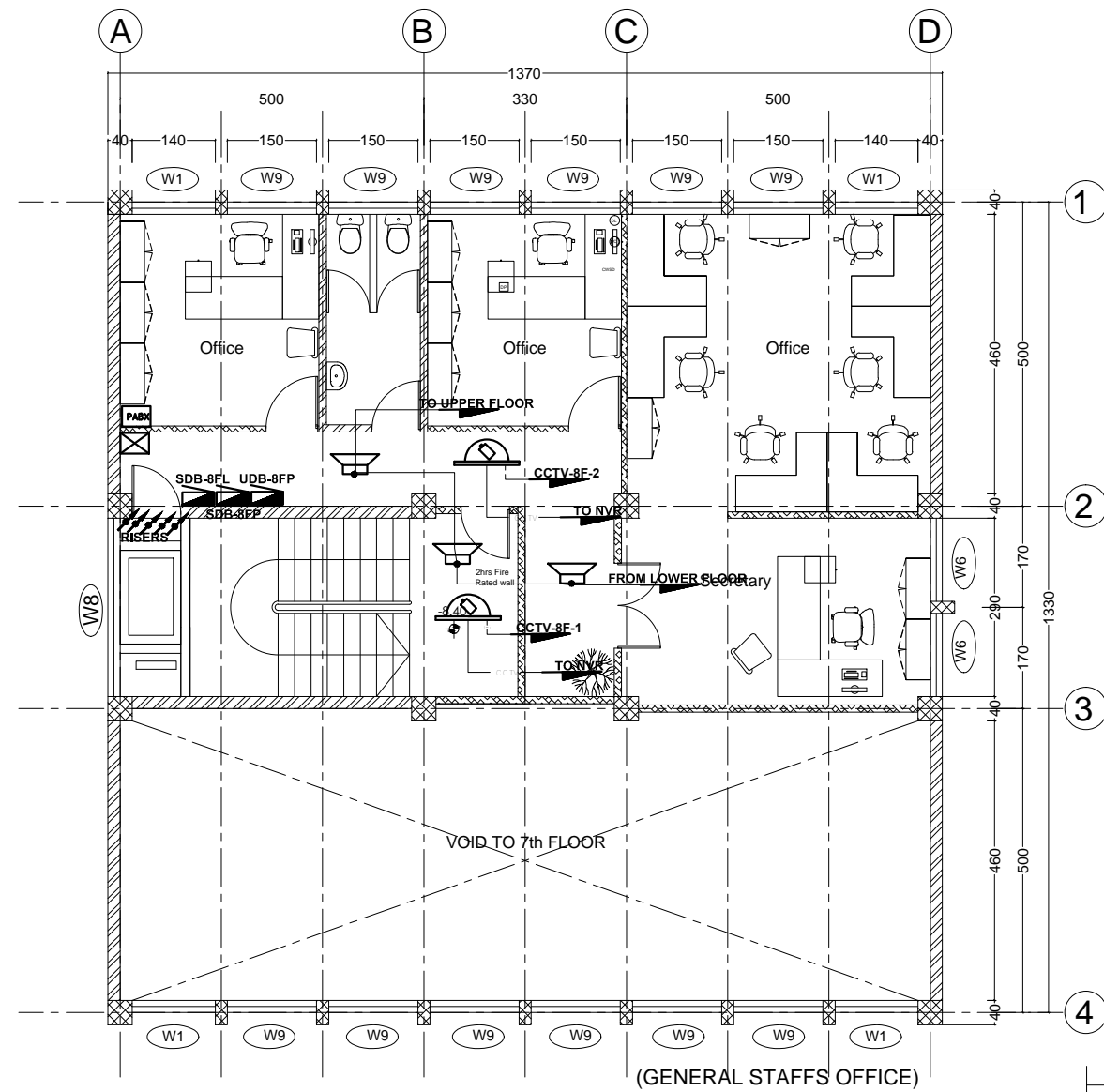
SC 1/100

No.	CORRECTION	DATE	SIGN.
 Established 1984 CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co. P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608, sileshj@ethionet.et, sileshjconsult@yahoo.com ADDIS ABABA, ETHIOPIA			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	DR. NO
5F & 6F PA, CCTV & ACCESS CONTROL SYSTEM PLAN		1:100, 1:25	EL FIN
DATE		Feb. 2019	
DESIGNED BY	REG. No.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			36 / 38
APPROVED BY			




SEVENTH FLOOR CCTV, PA , & ACCESS CONTROL SYSTEM PLAN

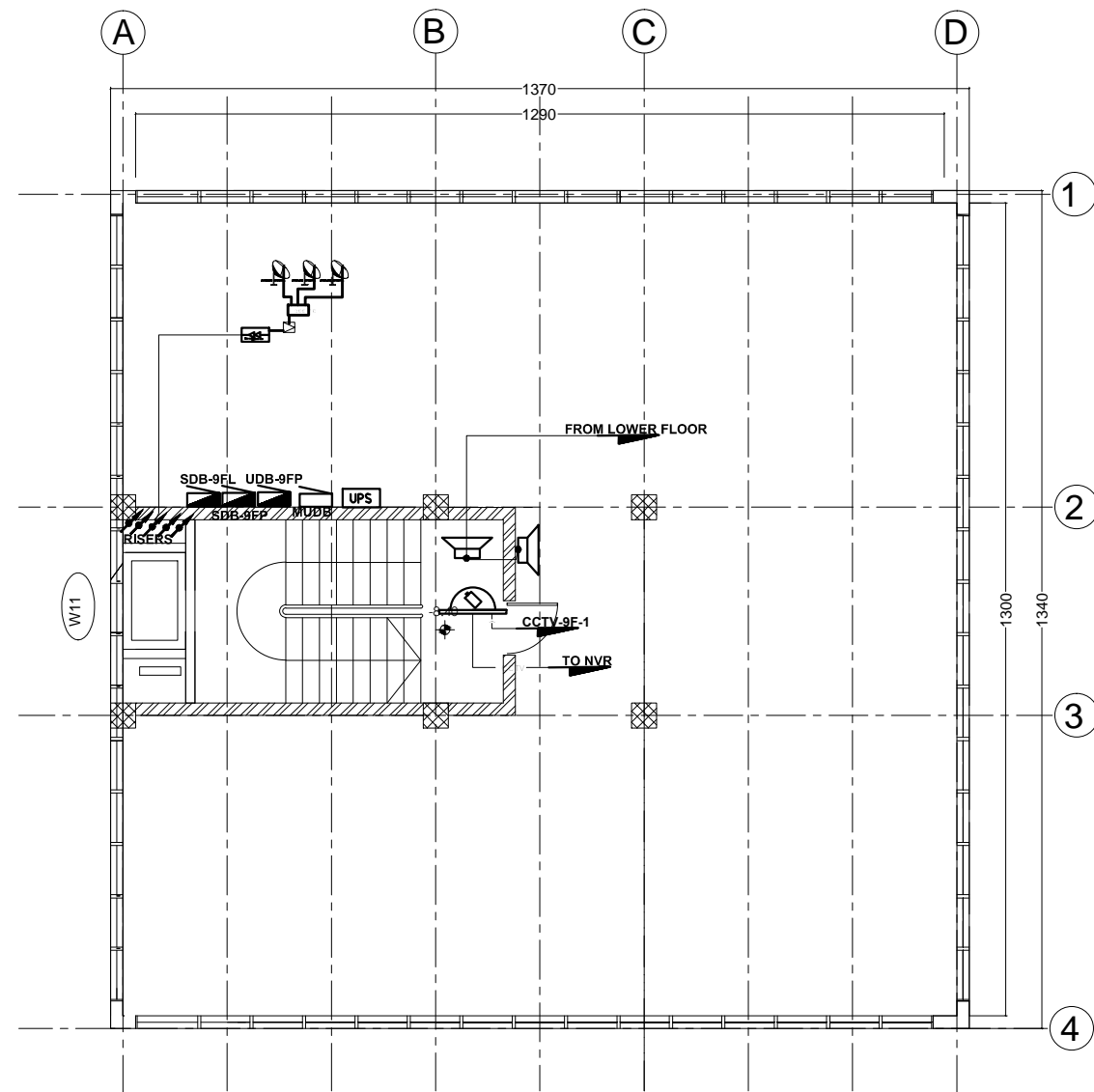
SC 1/100



EIGHTH FLOOR CCTV, PA , ACCESS CONTROL SYSTEM PLAN

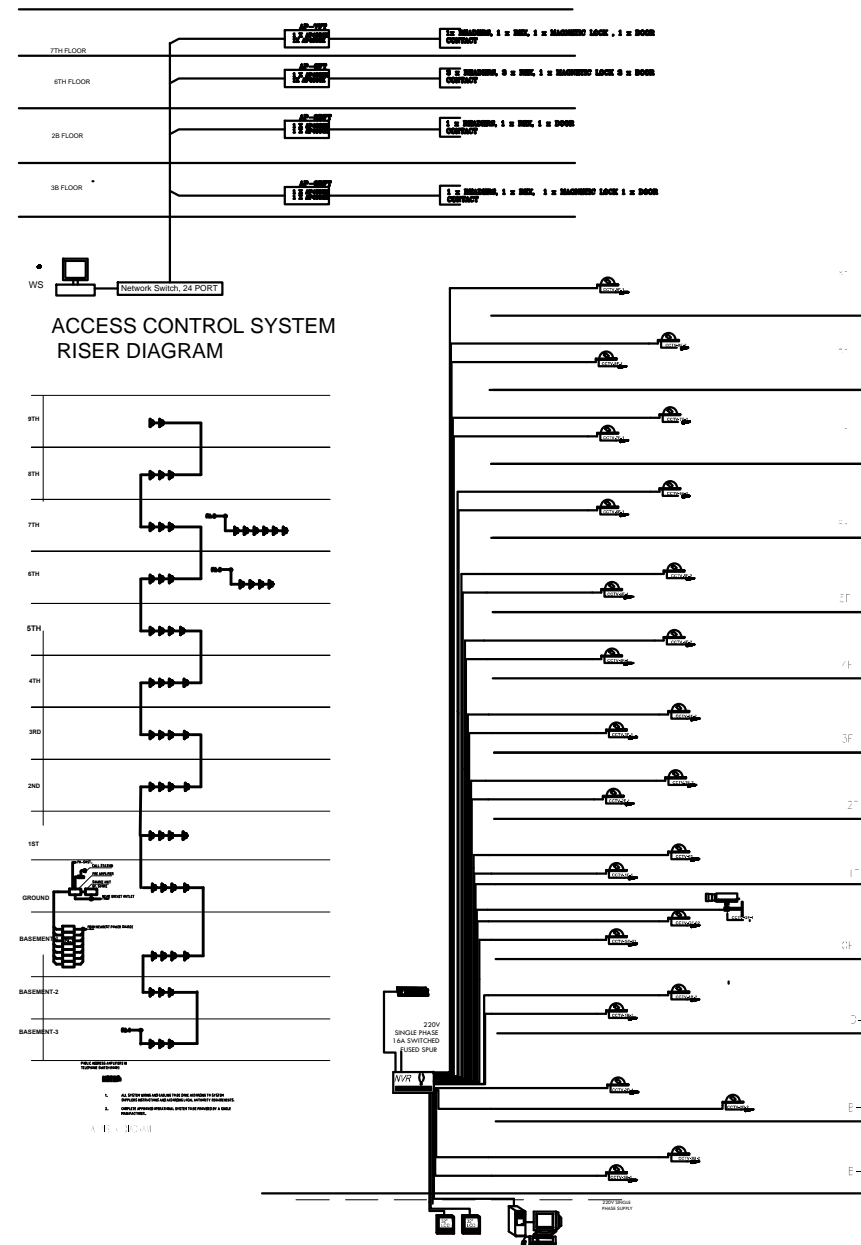
SC 1/100

No.	CORRECTION	DATE	SIGN.
 <small>ESTABLISHED 1984</small> <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co</small> <small>P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,</small> <small>sicon@ethionet.et, sileshconsult@yahoo.com</small> <small>ADDIS ABABA, ETHIOPIA</small>			
CLIENT			
AFRICAN UNION COMMISSION			
PROJECT			
Renovation and Furnishing of Building "A"			
LOCATION			
Addis Ababa, Ethiopia			
DRAWING TITLE		SCALE	
7F & 8F PA, CCTV AND ACCESS CONTROL SYSTEM PLAN		1:100, 1:25	
		DATE	
		Feb. 2019	
DESIGNED BY	REG. NO.	SIGN.	DR. NO
MENGISTU B.H	PPEE-026		EL FIN
DRAWN BY			
MENGISTU B.H	PPEE-026		
CHECKED BY			
			37 / 38
APPROVED BY			



**NINTH FLOOR CCTV, PA & ACCESS CONTROL SYSTEM PLAN**

SC 1/100



No.	CORRECTION	DATE	SIGN.
 Established 1984 <small>CONSULTING ARCHITECTS AND ENGINEERS PVT. LTD. Co            P.O. Box 1465, Tel: +251-115-152475, FAX: +251-115-533608,            sileshj@ethionet.et, sileshjconsult@yahoo.com            ADDIS ABABA, ETHIOPIA</small>			
CLIENT <b>AFRICAN UNION COMMISSION</b>			
PROJECT <b>Renovation and Furnishing of Building "A"</b>			
LOCATION <b>Addis Ababa, Ethiopia</b>			
DRAWING TITLE <b>9F CCTV, PA AND RISERS SYSTEM PLAN</b>		SCALE 1:100 / 1:25	DATE Feb. 2019
DESIGNED BY <b>MENGISTU B.H</b>	REG. NO. <b>PPEE-026</b>	SIGN.	<b>DR. NO</b>
DRAWN BY <b>MENGISTU B.H</b>	PPEE-026		<b>EL FIN</b>
CHECKED BY			<b>38 / 38</b>
APPROVED BY			