








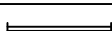









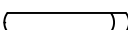





*PROPOSED RESIDENTIAL
DEVELOPMENT*

*ELECTRICAL SERVICES
DRAWINGS*

LEGEND	
SYMBOL	DESCRIPTION
	SINGLE GANG SWITCH
	DOUBLE GANG SWITCH
	TRIPLE GANG SWITCH
	SINGLE TWO-WAY SWITCH
	DOUBLE TWO-WAY SWITCH
	TRIPLE TWO-WAY SWITCH
	LED POLE LIGHT
	LED PANEL LIGHT
	LED RECESSED LIGHT
	LED TUBE LIGHT
	FLOOR FIXED SINGLE 13A SOCKET OUTLET
	FLOOR FIXED SINGLE DATA 13A SOCKET OUTLET
	FLOOR FIXED DOUBLE 13A SOCKET OUTLET

LEGEND	
SYMBOL	DESCRIPTION
	CEILING PADDLE FAN SWITCH
	CEILING PADDLE FAN
	DISTRIBUTION BOX
	MAIN PANEL BOARD
	SMOKE DETECTOR
	CCTV CAMERA

LEGEND	
SYMBOL	DESCRIPTION
	INDOOR UNIT A.C. (WALL MOUNTED)
	OUTDOOR UNIT CONDENSER
	INDOOR UNIT A.C. (STANDING)
	OUTDOOR UNIT CONDENSER

NOTE :

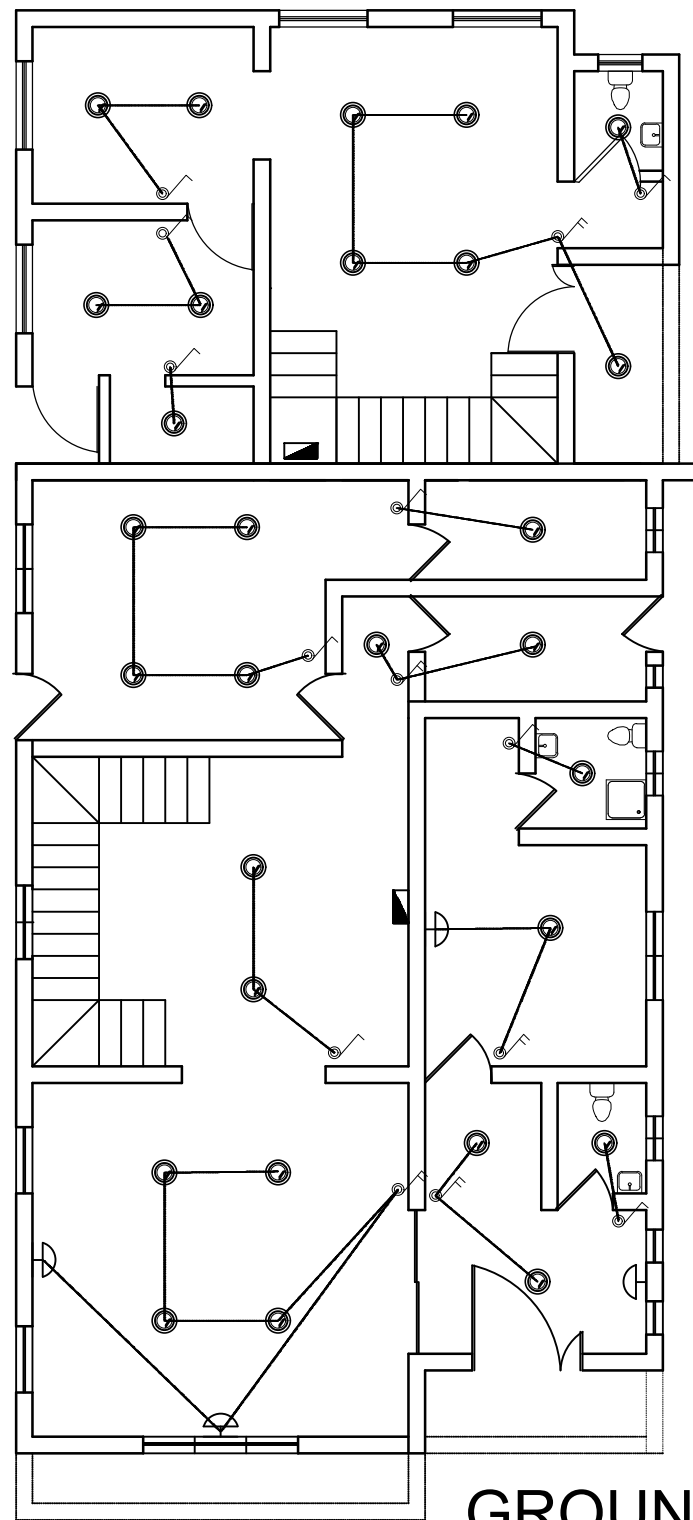
PROJECT TITLE PROPOSED RESIDENTIAL DEVELOPMENT	ARCHITECT	FASEMI A.	DRAWING TITLE: LEGENDS	
	DRAWN BY	IWEIBO S.E		
CLIENT MR. ADEWALE ALFRED AFOLABI	CHECKED BY		DRAWING SCALE: N.T.S.	DRAWINNG NO: E01
LOCATION ALAGBAKA, AKURE, ONDO STATE.	APPROVED BY			
	DATE	MARCH, 2022.		

GENERAL NOTES

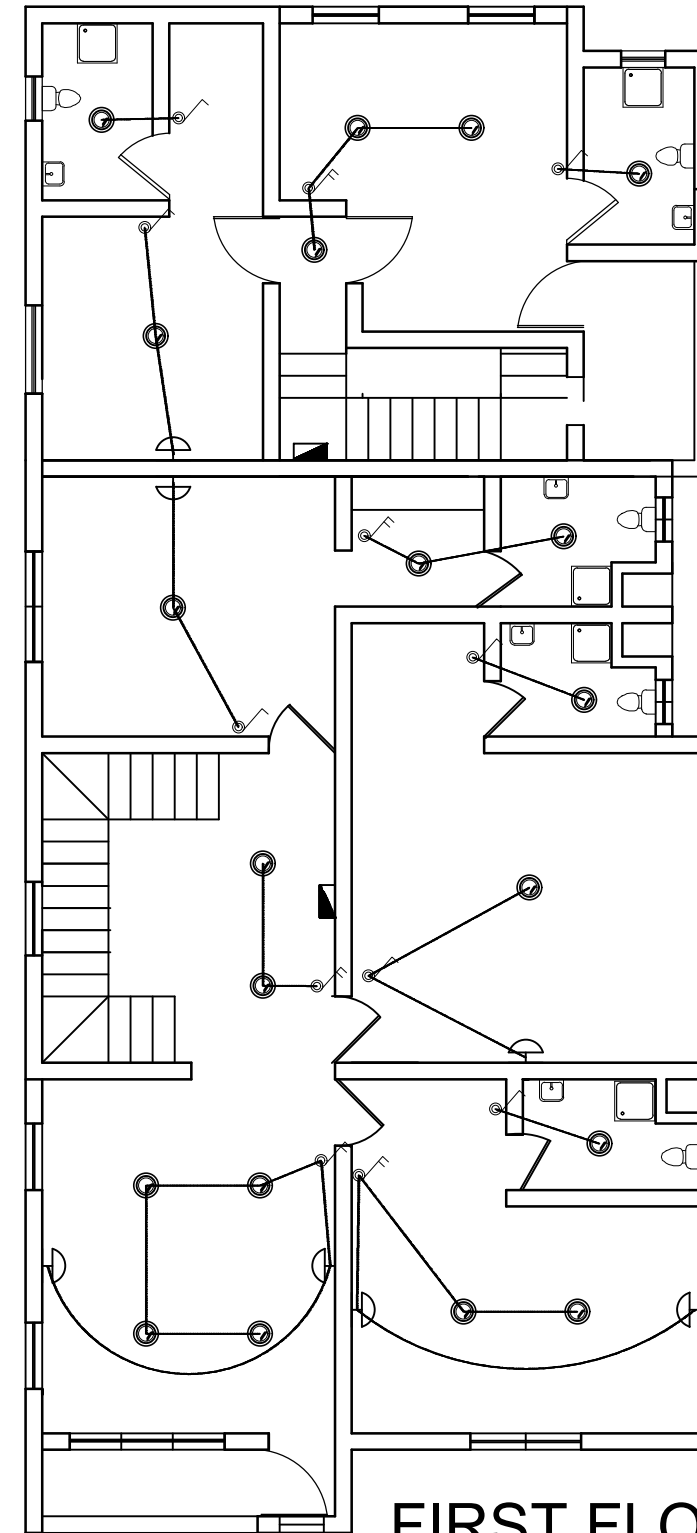
- 1) LIGHTING CIRCUITS SHALL BE WIRED USING 3X1.5mmsq. SC PVS CABLES AND PROTECTED IIN CIRCUIT WITH 6A MCB.
- 2) 13A SOCKETS SHALL BE WIRED USING 3X2.5mmsq. SC PVC CABLE AND PROTECTED IN 30A MCB EXCEPT STATED OTHERWISE
- 3) A/C AND 15A SOCKET SHALL BE WIRED USING 3X2.5mmsq.PVC CABLE AND PROTECTED IN 20A MCB.
- 4) C.C.U AND SHALL BE WIRED USING 3X2.5mmsq.PVC CABLE AND PROTECTED IN 20A MCB.
- 5) WATER HEATER SHALL BE WIRED IN RADIAL USING 3X2.5mmsq.PVC CABLE AND PROTECTED IN 20A MCB.
- 6) ALL KITCHEN SOCKETS ARE TO BE INSTALLED AT +1100mm ABOVE FLOOR LEVEL

NOTE :

PROJECT TITLE	PROPOSED RESIDENTIAL DEVELOPMENT		ARCHITECT	FASEMI A.	DRAWING TITLE: GENERAL NOTES	
			DRAWN BY	IWEIBO S.E		
			CHECKED BY		DRAWING SCALE:	DRAWINNG NO:
CLIENT	MR. ADEWALE ALFRED AFOLABI		APPROVED BY			
LOCATION	ALAGBAKA, AKURE, ONDO STATE.		DATE	MARCH, 2022.	N.T.S.	E02



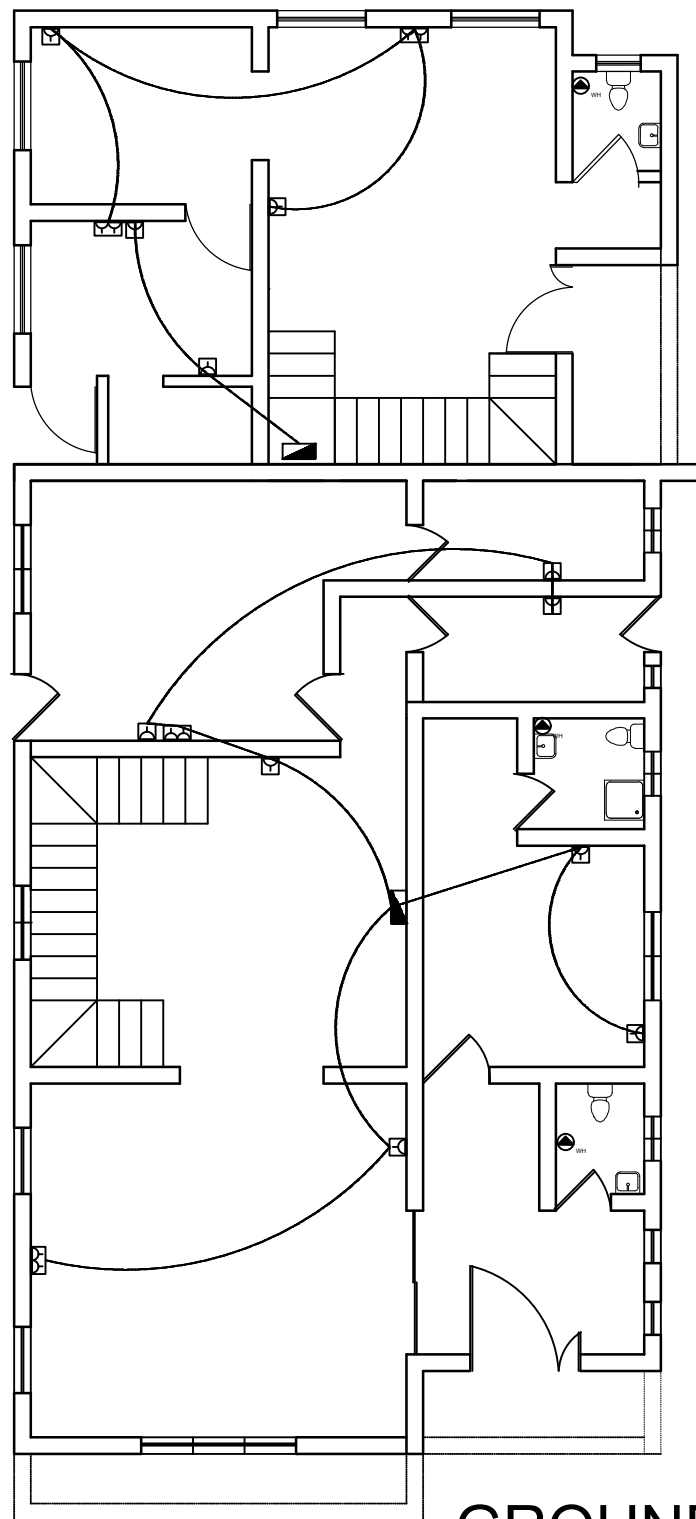
GROUND FLOOR



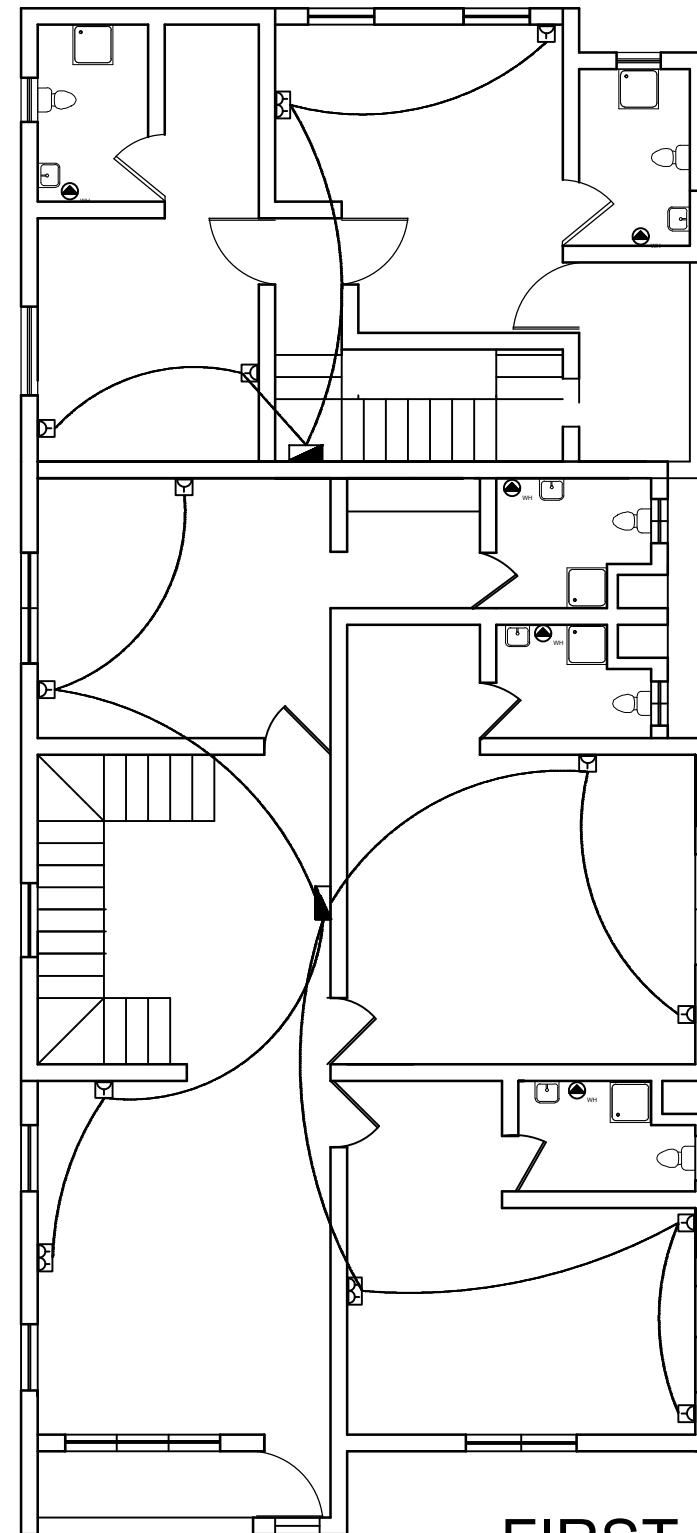
FIRST FLOOR

NOTE :

PROJECT TITLE PROPOSED RESIDENTIAL DEVELOPMENT		ARCHITECT	FASEMI A.	DRAWING TITLE: LIGHTING LAYOUT	
		DRAWN BY	IWEIBO S.E		
CLIENT	MR. ADEWALE ALFRED AFOLABI	CHECKED BY		DRAWING SCALE: N.T.S.	DRAWING NO: E03
LOCATION	ALAGBAKA, AKURE, ONDO STATE.	APPROVED BY			
		DATE	MARCH, 2022.		



GROUND FLOOR

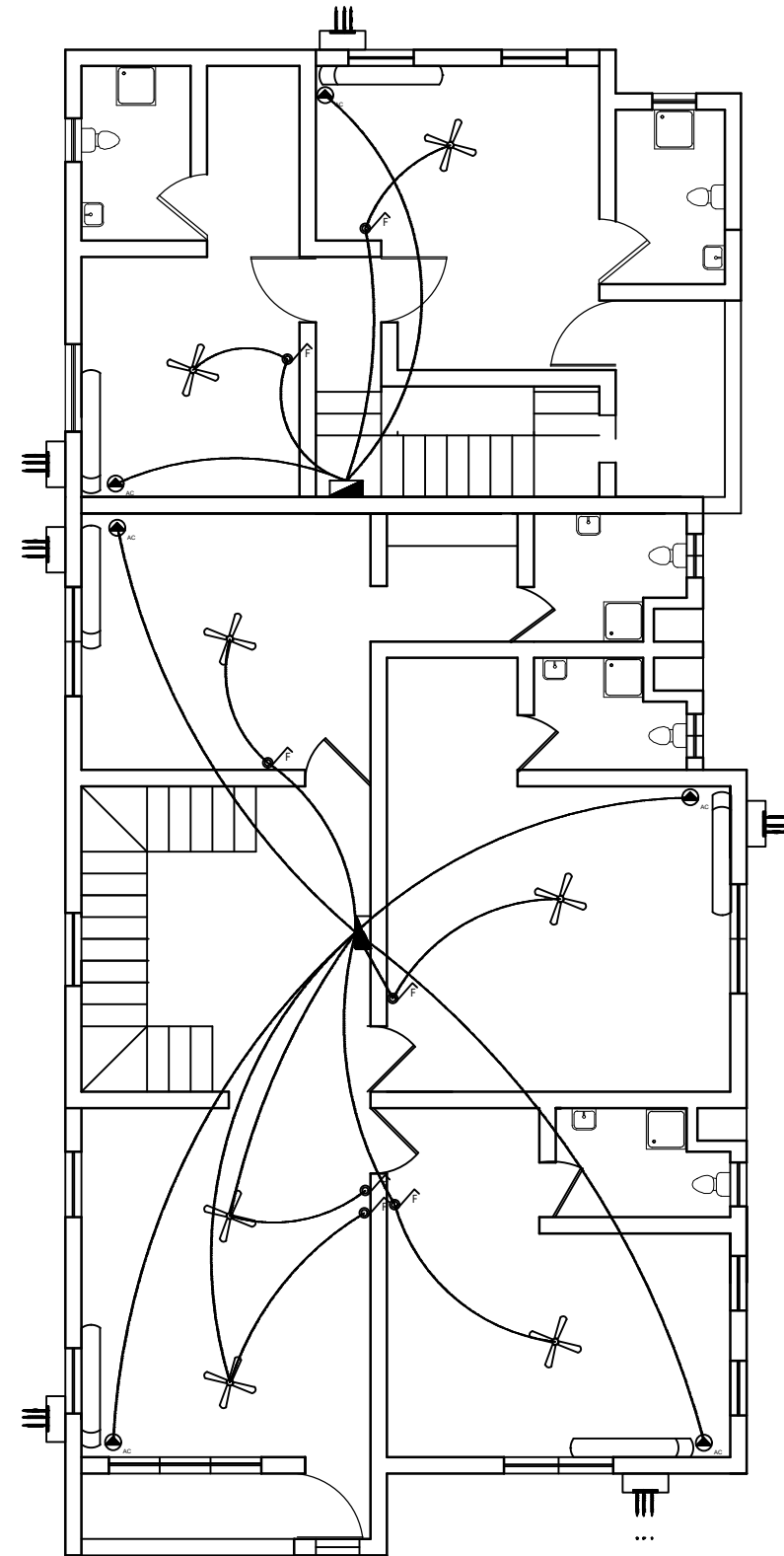
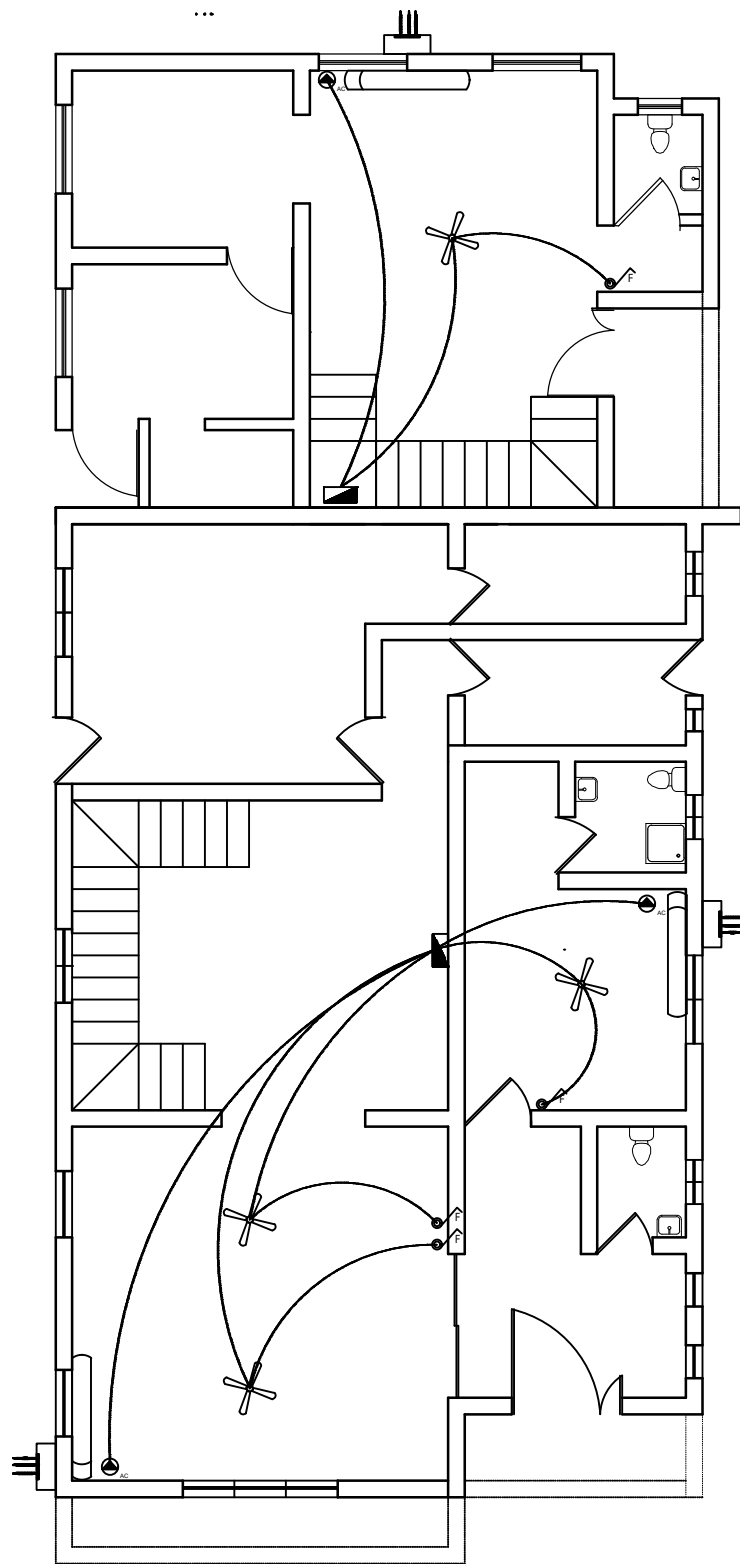


FIRST FLOOR

NOTE :

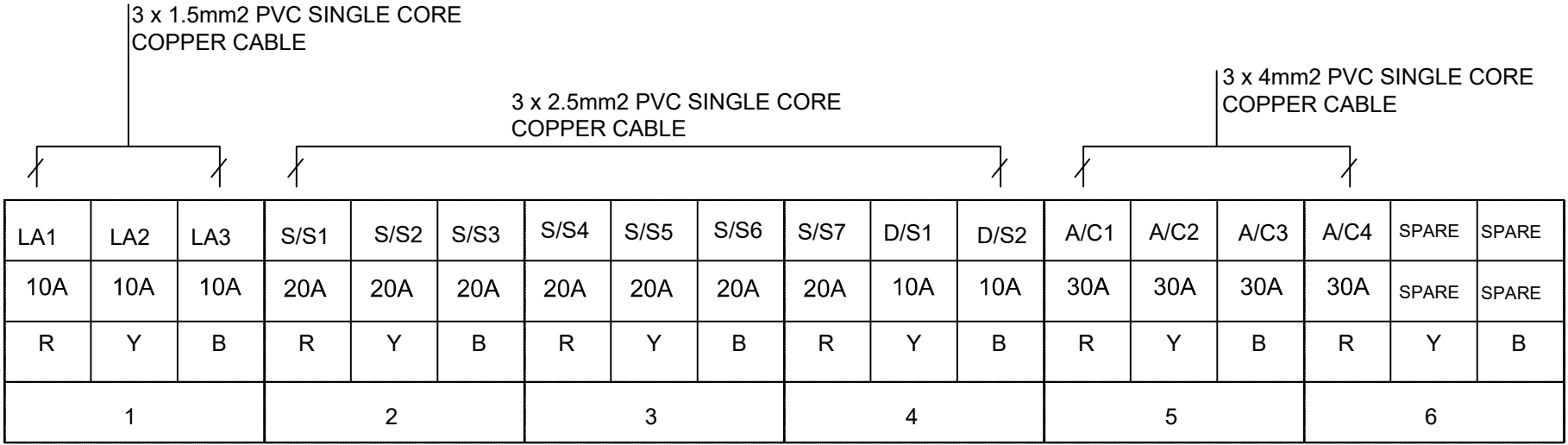
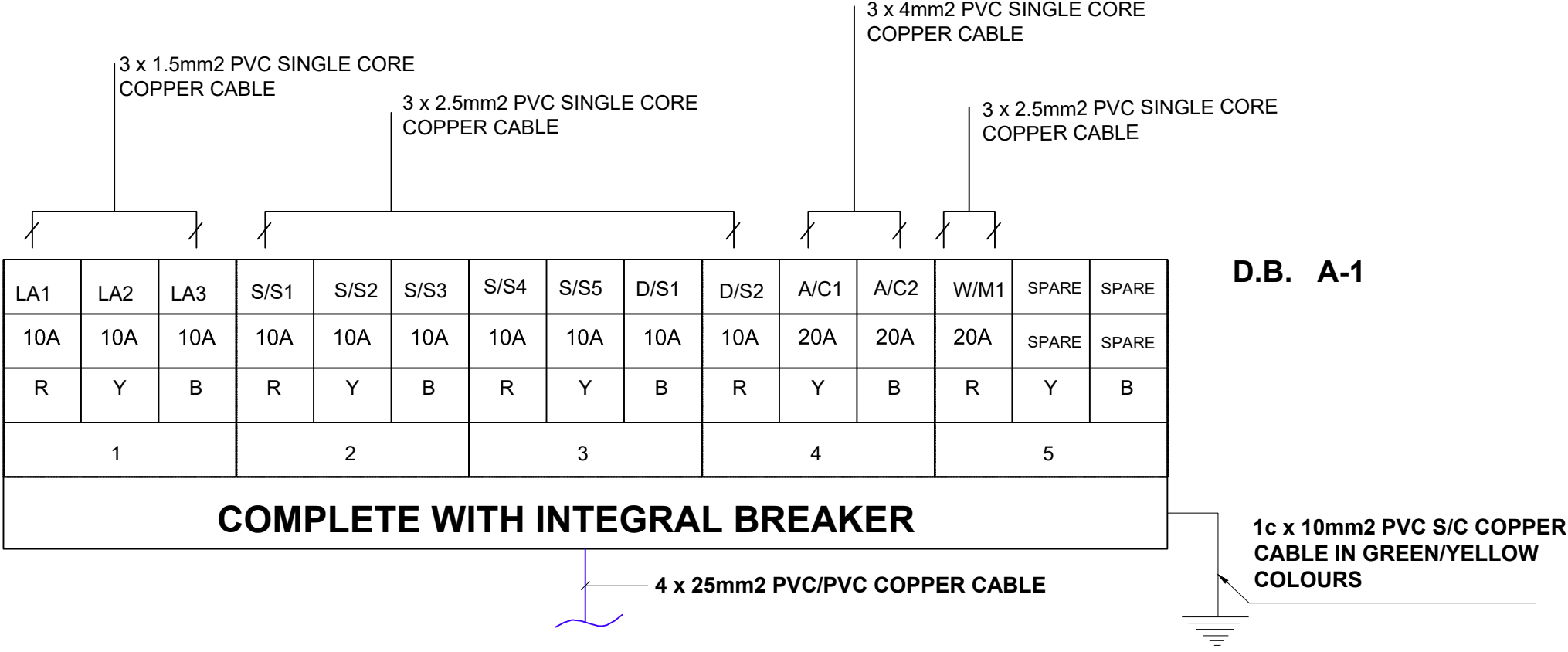
MR. ADEWALE ALFRED AFOLABI

PROJECT TITLE PROPOSED RESIDENTIAL DEVELOPMENT		ARCHITECT	FASEMI A.	DRAWING TITLE: POWER LAYOUT	
		DRAWN BY	IWEIBO S.E		
CLIENT	MR. ADEWALE ALFRED AFOLABI	CHECKED BY		DRAWING SCALE: N.T.S.	DRAWING NO: E04
LOCATION	ALAGBAKA, AKURE, ONDO STATE.	APPROVED BY			
		DATE	MARCH, 2022.		



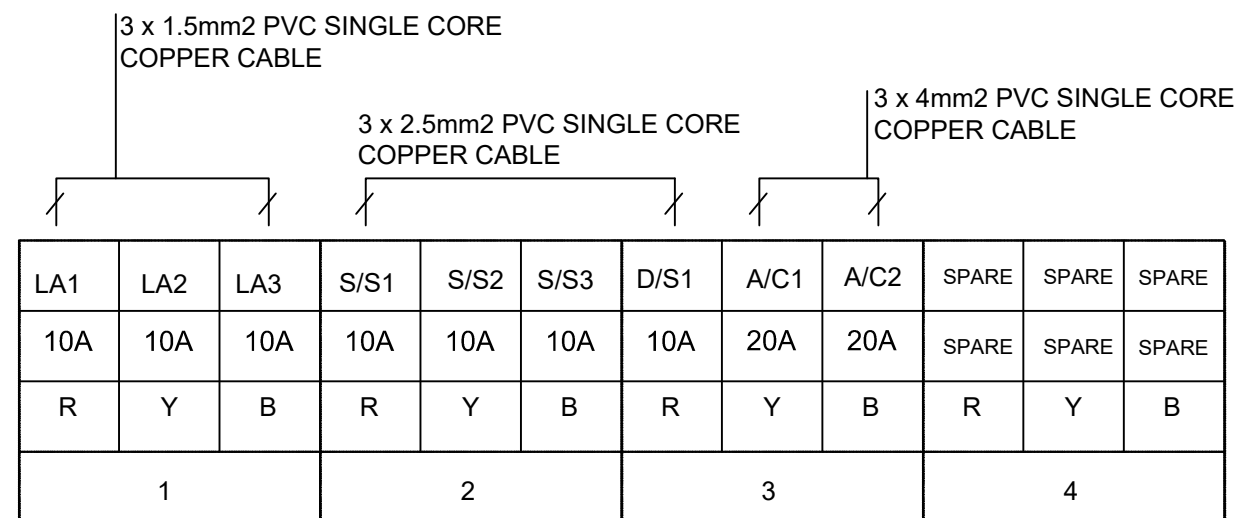
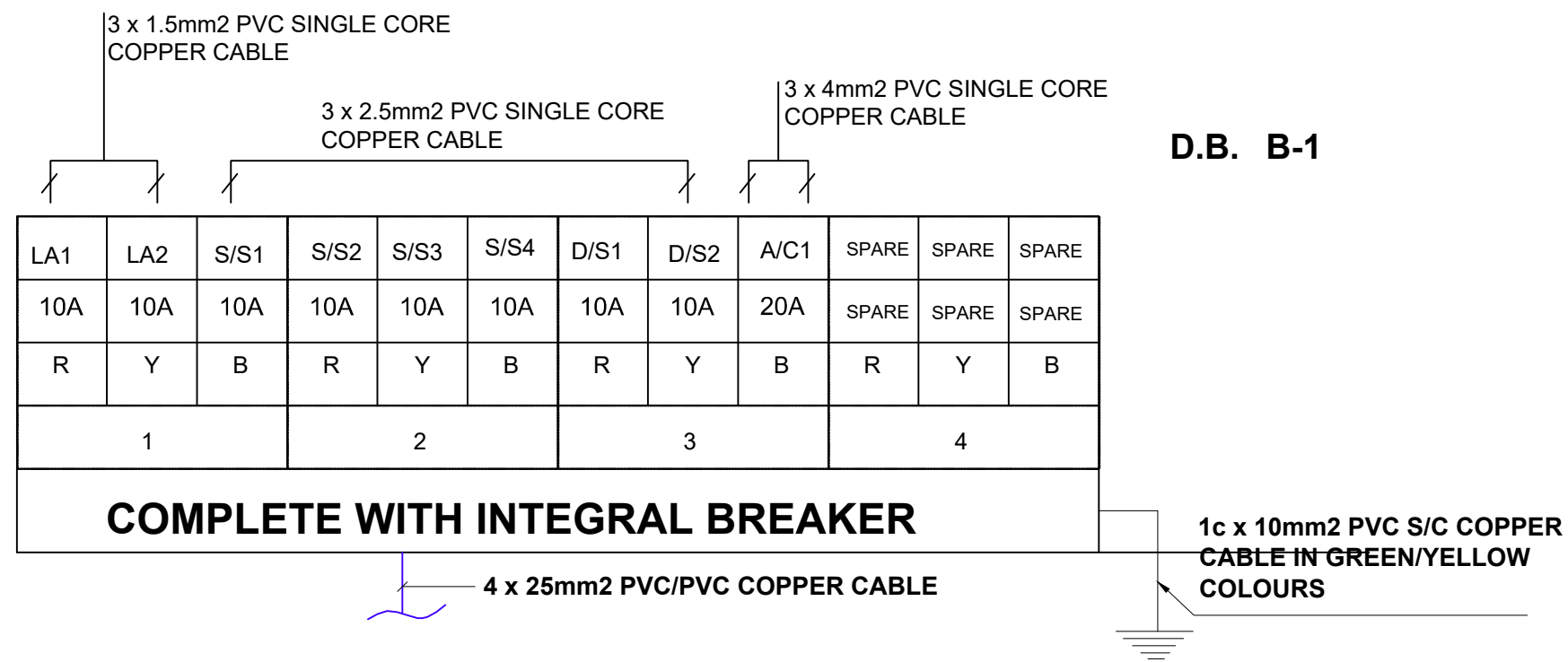
NOTE :

PROJECT TITLE	PROPOSED RESIDENTIAL DEVELOPMENT	ARCHITECT	FASEMI A.	DRAWING TITLE: FAN AND A/C POWER LAYOUT	
		DRAWN BY	IWEIBO S.E		
CLIENT	MR. ADEWALE ALFRED AFOLABI	CHECKED BY		DRAWING SCALE: N.T.S.	DRAWINNG NO: E05
LOCATION	ALAGBAKA, AKURE, ONDO STATE.	APPROVED BY			
		DATE	MARCH, 2022.		



NOTE :

PROJECT TITLE	PROPOSED RESIDENTIAL DEVELOPMENT		ARCHITECT	FASEMI A.	DRAWING TITLE: DISTRIBUTION BOARD 1	
			DRAWN BY	IWEIBO S.E		
			CHECKED BY		DRAWING SCALE: N.T.S.	DRAWING NO: E06
CLIENT	MR. ADEWALE ALFRED AFOLABI		APPROVED BY			
LOCATION	ALAGBAKA, AKURE, ONDO STATE.		DATE	MARCH, 2022.		



NOTE :

PROJECT TITLE	PROPOSED RESIDENTIAL DEVELOPMENT		ARCHITECT	FASEMI A.	DRAWING TITLE: DISTRIBUTION BOARD 2	
			DRAWN BY	IWEIBO S.E		
			CHECKED BY		DRAWING SCALE: N.T.S.	DRAWING NO: E07
CLIENT	MR. ADEWALE ALFRED AFOLABI		APPROVED BY			
LOCATION	ALAGBAKA, AKURE, ONDO STATE.		DATE	MARCH, 2022.		

	MAIN PANEL BOARD	
	D.B. A-1	D.B. A-2
TOTAL LOAD (W)	8,890	10,450
KVA RATING	11.11	13.06
LOAD CURRENT (A)	37.11	45.54
MCB RATING	100A	100A
LOAD CABLE	6.0mm2 PVC COPPER CABLE + 2.5mm2 EARTH CABLE	

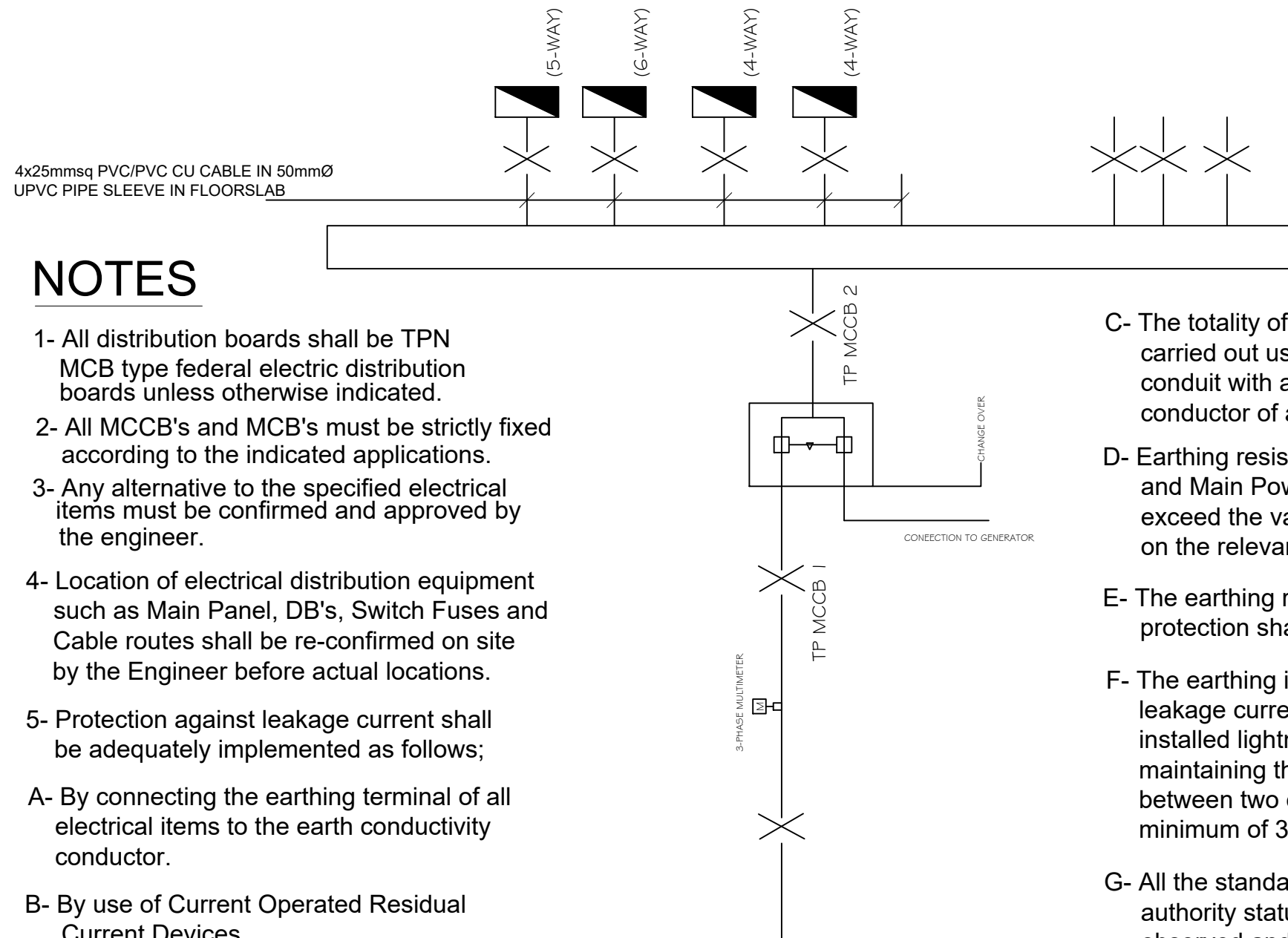
NOTE :

PROJECT TITLE	PROPOSED RESIDENTIAL DEVELOPMENT	ARCHITECT	FASEMI A.	DRAWING TITLE: LOAD SUMMARY AND RATINGS FOR DISTRIBUTION BOARDS (A1 AND A2)	
		DRAWN BY	IWEIBO S.E		
CLIENT	MR. ADEWALE ALFRED AFOLABI	CHECKED BY		DRAWING SCALE: N.T.S.	DRAWINGG NO: E08
LOCATION	ALAGBAKA, AKURE, ONDO STATE.	APPROVED BY			
		DATE	MARCH, 2022.		

	MAIN PANEL BOARD	
	D.B.B-1	D.B.B-2
TOTAL LOAD (W)	4,305	4,865
KVA RATING	5.38	6.08
LOAD CURRENT (A)	17.94	20.27
MCB RATING	100A	100A
LOAD CABLE	6.0mm2 PVC COPPER CABLE + 2.5mm2 EARTH CABLE	

NOTE :

PROJECT TITLE	PROPOSED RESIDENTIAL DEVELOPMENT	ARCHITECT	FASEMI A.	DRAWING TITLE: LOAD SUMMARY AND RATINGS FOR DISTRIBUTION BOARDS (B1 AND B2)	
CLIENT	MR. ADEWALE ALFRED AFOLABI	DRAWN BY	IWEIBO S.E	DRAWING SCALE:	DRAWINGG NO:
		CHECKED BY			
LOCATION	ALAGBAKA, AKURE, ONDO STATE.	APPROVED BY		N.T.S.	E09
		DATE	MARCH, 2022.		



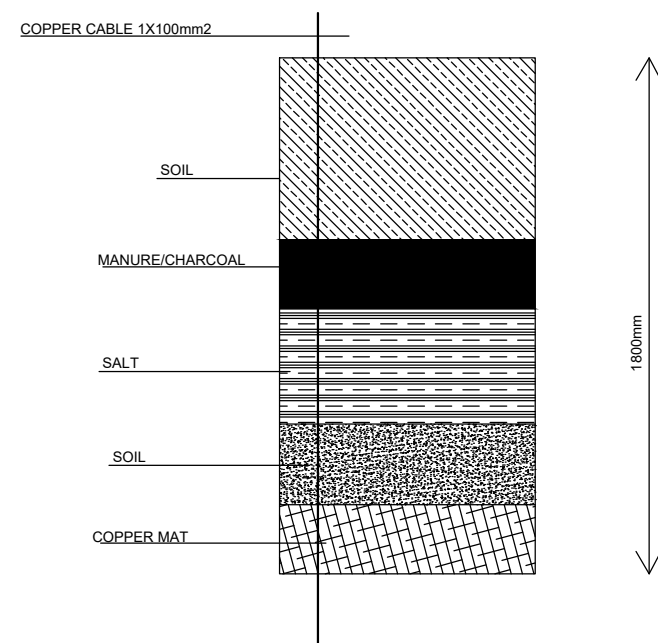
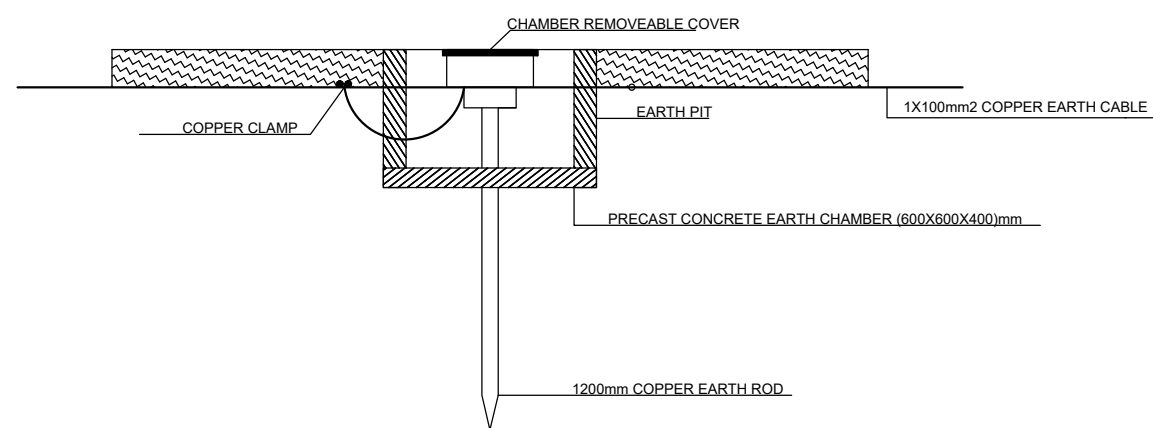
NOTES

- 1- All distribution boards shall be TPN MCB type federal electric distribution boards unless otherwise indicated.
- 2- All MCCB's and MCB's must be strictly fixed according to the indicated applications.
- 3- Any alternative to the specified electrical items must be confirmed and approved by the engineer.
- 4- Location of electrical distribution equipment such as Main Panel, DB's, Switch Fuses and Cable routes shall be re-confirmed on site by the Engineer before actual locations.
- 5- Protection against leakage current shall be adequately implemented as follows;
 - A- By connecting the earthing terminal of all electrical items to the earth conductivity conductor.
 - B- By use of Current Operated Residual Current Devices.

- C- The totality of the installation shall be carried out using a high grade PVC conduit with additional earth continuity conductor of adequate size.
- D- Earthing resistance at the Generating Set and Main Power entry point, shall not exceed the value required and indicated on the relevant drawings.
- E- The earthing resistance for the lightning protection shall not exceed 1.0 Ohms.
- F- The earthing installation against earth leakage current shall be properly installed lightning protection systems by maintaining the necessary distance between two earthing system i.e. A minimum of 3m in ground.
- G- All the standard requirements and local authority statutory regulations must be observed and compelled with.

NOTE :

PROJECT TITLE	PROPOSED RESIDENTIAL DEVELOPMENT		ARCHITECT	FASEMI A.	DRAWING TITLE: DISTRIBUTION RETICULATION	
			DRAWN BY	IWEIBO S.E		
			CHECKED BY		DRAWING SCALE: N.T.S.	DRAWING NO: E10
CLIENT	MR. ADEWALE ALFRED AFOLABI		APPROVED BY			
LOCATION	ALAGBAKA, AKURE, ONDO STATE.		DATE	MARCH, 2022.		



NOTE :

PROJECT TITLE	PROPOSED RESIDENTIAL DEVELOPMENT	ARCHITECT	FASEMI A.	DRAWING TITLE: LIGHTNING PROTECTION DESIGN	
		DRAWN BY	IWEIBO S.E		
CLIENT	MR. ADEWALE ALFRED AFOLABI	CHECKED BY		DRAWING SCALE: N.T.S.	DRAWINNG NO: E11
LOCATION	ALAGBAKA, AKURE, ONDO STATE.	APPROVED BY			
		DATE	MARCH, 2022.		