

Location:

**PROPOSED DEVELOPMENT
AT
OJANTELE, APA L.G.A
BENUE STATE, NIGERIA**



Client:

MOSES IMANCHE JOSHUA

CONSULTANT:

EBHOS WORKS

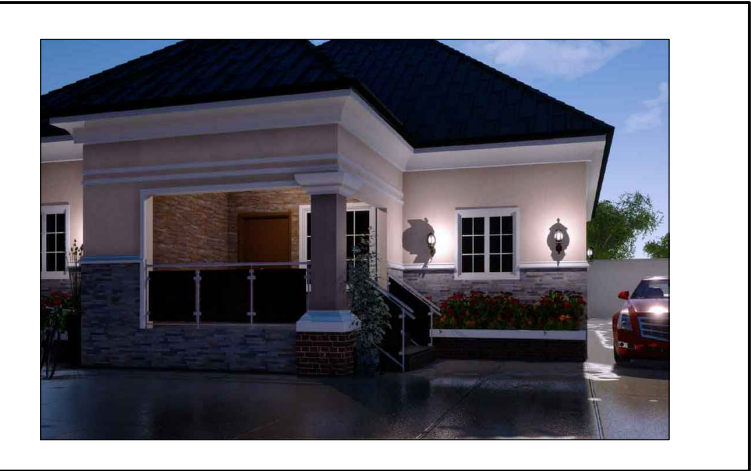
Architect & Builder

55 EAST GATE PLAZA,
AIR PORT ROAD,
RUKPOKWU(LAST BUS-STOP),
OBIO/AKPOR L.G.A,
RIVERS STATE.

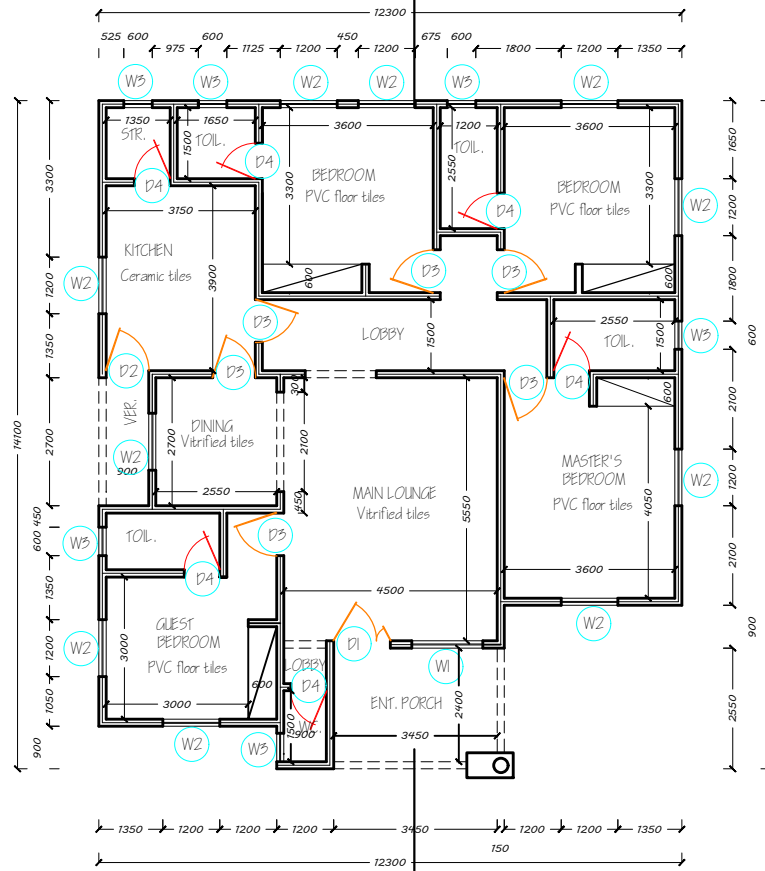
E- MAIL :
ebhosworks@yahoo.com

Website :
www.houseplanng.com,
www.ebhosworks.com

Tel ° 08037590104,



ARCHITECTURAL DESIGN



FLOOR PLAN

APPROVAL
COMMENTS

**FOR
CONSTRUCTION**



CONSULTANT:

EBHOS WORKS
Architect & Builder

WOBE'S BUILDING,
55 AIR PORT ROAD,
RUKPOKWU(LAST BUS-STOP),
OBIO/AKPOR L.G.A,
RIVERS STATE.

Tel: 08037590104,

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BENUE STATE. NIGERIA

Design by:

EBHOSWORKS

Client:

MOSES IMANCHE JOSHUA

Job title:

FOUR BED ROOM APARTMENT

DO NOT SCALE dimensions of this dwg. Any discrepancies must be referred to the architect for proper clarification. The client undertakes to execute this project in TOTAL conformity with these dwg. and specifications. The architect shall not accept any responsibility for any failure due to unsupervised site operations.

Drwg: ARCHITECTURAL DESIGNS

Sheet no: A-01

Drawn: OKODUWA E. A

Bldg. type: BUNGALOW

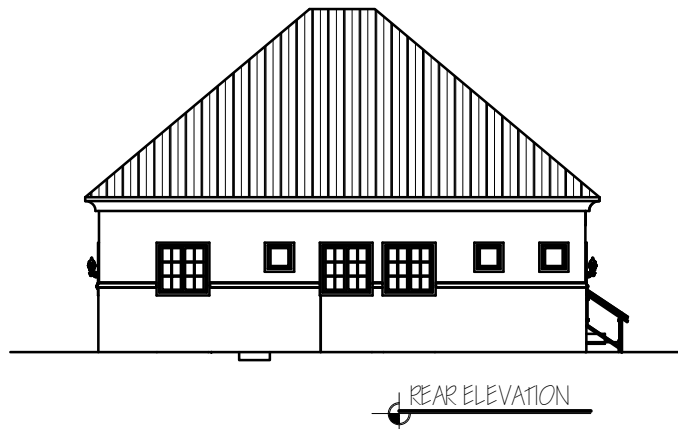
Scale: N.T.S

Date: OCT. 2022

Checked by: ARC. DR. LO ASIKOGU

APPROVAL COMMENTS

**FOR
CONSTRUCTION**



CONSULTANT:

EBHOS WORKS
Architect & Builder

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Dwg:

ARCHITECTURAL DESIGNS

Sheet no:

A-02

Drawn:

OKODUWA E. A

Blg. type:

BUNGALOW

Scale:

N.T.S

Date:

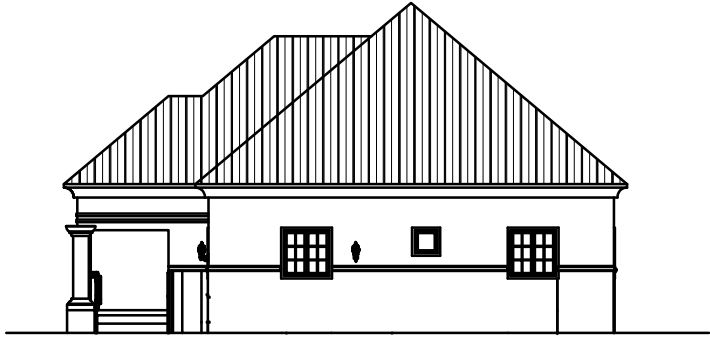
OCT, 2022

Checked by:

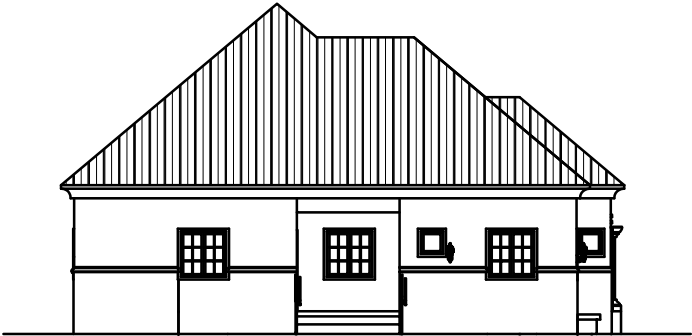
ARC. DR. L.O ASIKOGU

APPROVAL
COMMENTS

**FOR
CONSTRUCTION**



RIGHT SIDE ELEVATION



LEFT SIDE ELEVATION



CONSULTANT:
EBHOS WORKS
Architect & Builder
WOBE'S BUILDING,
55 AIR PORT ROAD,
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RIVERS STATE. Tel: 08037590104,

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Design by: EBHOSWORKS
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FOUR BED ROOM APARTMENT

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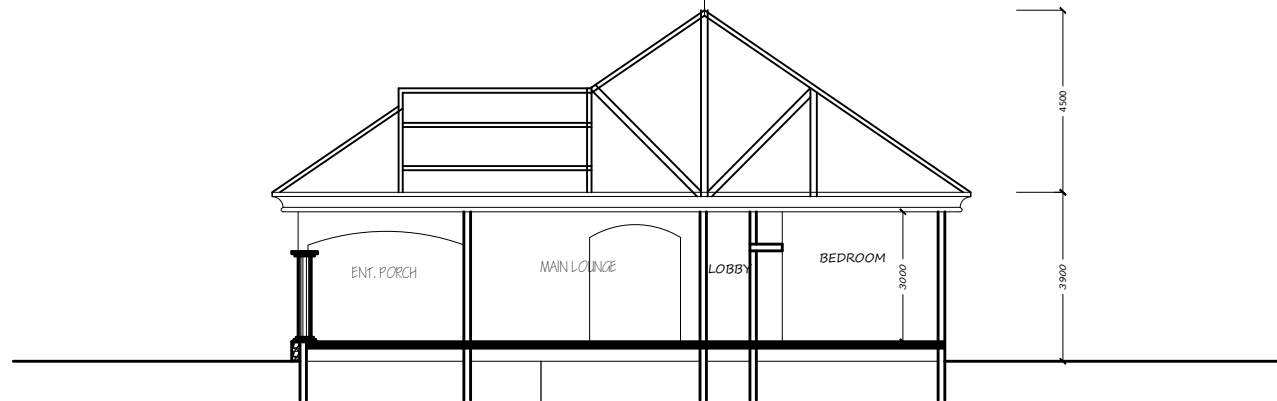
Dwg:	ARCHITECTURAL DESIGNS	Sheet no:	A-03
Drawn:	OKODUWA E. A	Bldg. type:	BUNGALOW
Scale:	N.T.S	Date:	OCT. 2022
		Checked by:	ARC. DR. LO ASTIKOGU

APPROVAL COMMENTS

**FOR
CONSTRUCTION**



long span aluminium roofing sheet
 50 x 75mm hardwood purlins @ 900c/c
 50 x 100mm rafters @ 1500c/c
 50 x 100mm hardwood kingpost
 50 x 100mm tie beam @1500 c/c
 50 x 100mm struts @1500 c/c
 100 x 150mm hardwood wall plate
 600 x 600mm asbestors ceiling board



25mm finished floor screed
 150mm thick oversite concret
 300mm thick hardcore
 well rammed earth

SECTION A-A

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Job title:
 FOUR BED ROOM APARTMENT

Dwg: ARCHITECTURAL DESIGNS

Sheet no: A-04

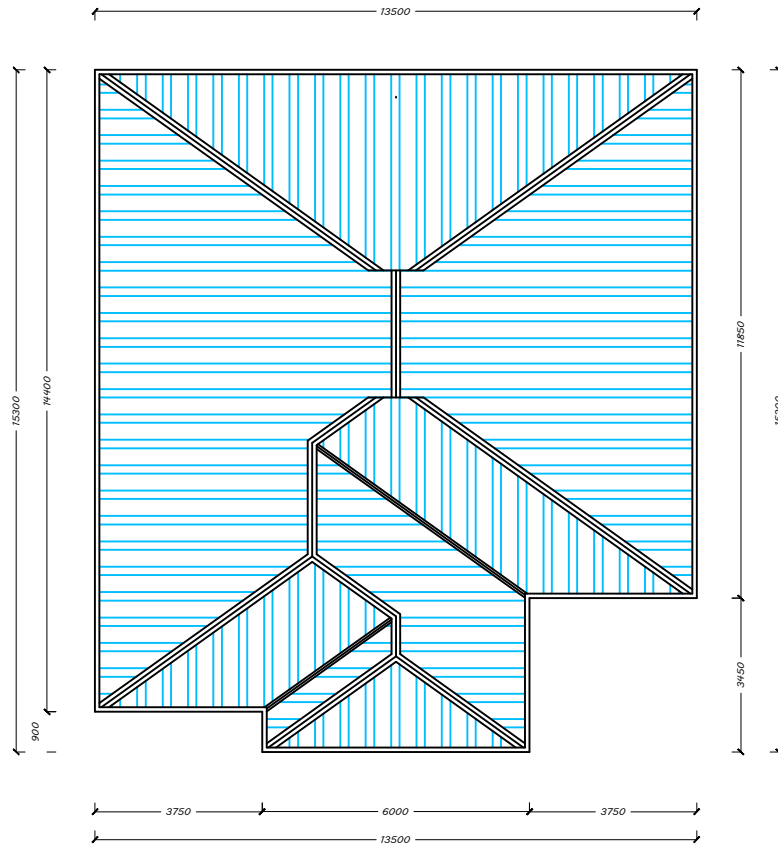
Drawn: OKODUWA E. A

Bldg. type: BUNGALOW

Scale: N.T.S

Date: OCT. 2022

Checked by: ARC. DR. L.O ASIKOGU



ROOF PLAN

APPROVAL
COMMENTS

**FOR
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Sheet no: A-05

Drawn: OKODUWA E. A

Bldg type: BUNGALOW




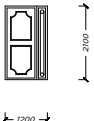
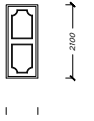
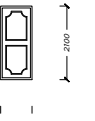
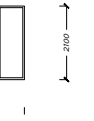
Scale: N.T.S

Date: OCT. 2022

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APPROVAL COMMENTS

**FOR
CONSTRUCTION**

<i>TYPE</i>				
<i>MARK/QTY</i>	W1 / 01 nos	W2 / 10 nos	W3 / 06 nos	
<i>DESCRIPTION</i>	ANODIZED ALUMINIUM SLIDING WINDOW 1500mm x 1200mm	ANODIZED ALUMINIUM SLIDING WINDOW 1200mm x 1200mm	ANODIZED ALUMINIUM SLIDING WINDOW 600mm x 600mm	
<i>TYPE</i>				
<i>MARK/QTY</i>	D1 / 01 nos	D2 / 01 nos	D3 / 06 nos	D4 / 06 nos
<i>DESCRIPTION</i>	DOUBLE LEAF METAL PANEL DOOR ON METAL FRAMES 1200mm x 2100mm	SINGLE LEAF METAL PANEL DOOR ON METAL FRAMES 900mm x 2100mm	SINGLE LEAF WOODEN PANEL DOOR ON WOODEN FRAMES 900mm x 2100mm	SINGLE LEAF WOODEN PANEL DOOR ON WOODEN FRAMES 750mm x 2100mm

DOORS/WINDOWS SCHEDULES



CONSULTANT:

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Architect & Builder

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Drwg: ARCHITECTURAL DESIGNS

Sheet no: A-06

Drawn: OKODUWA E. A

























Bldg. type: BUNGALOW

Scale: N.T.S

Date: OCT. 2022

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ELECTRICAL DESIGN

SYMBOLS	DESCRIPTION
	10A, 1-GANG-1 WAY SWITCH BY ABB CAT.NO. C5W1O2
	10A, 2-GANG-2 WAY SWITCH BY ABB CAT. NO. C5W2O2
	10A, 3-GANG-2 WAY SWITCH BY ABB CAT. NO. C5W3O2
	70W DECORATIVE WALL LIGHTING FITTING PHILIP CAT.NO. MCG101070W
	60W DECORATIVE CEILING LIGHTING FOR TOILETS
	1X40W FLOURESCENT LIGHTING AS MANUFACTURED BY NEWCLIME
	1400MM SWEEP CEILING FAN
	CEILING FAN REGULATOR
	SECURITY BULK HEAD LIGHTING FITTING
	CHANDERLIER
	15A SINGLE SOCKET OUTLET (MEM)
	15A DOUBLE SOCKET OUTLET (MEM)
	15A SOCKET OUTLET FOR UNIT A.C. (MEM)
	1X60W DECORATIVE CEILING MOUNTED LIGHTING FITTING
	TELEPHONE SOCKET OUTLET
	TV SOCKET OUTLET
	6-WAYS DISTRIBUTION BOARD
	15A WATER HEATER SWITCH WITH PILOT LAMP (MEM)
	30A COOKER CONTROL UNIT AS MANUFACTURED BY (MEM)
	METERING
	60/ 80A NEUTRAL LINK
	60/ 80A CUT-OUT FUSE (MEM)
	EARTH ROD
	1 X 200W SON T EXTERNAL HSP LIGHTING ON 3.5m GALVANISE POLE

General Notes

Design by:

KINGSLEY N. AMADI

Project:

ELECTRICAL DESIGN

Firm Name and Address:

ALCHOM TECHNOLOGIES
NO. 12 ALEME STREET,
RUKPOKWU TOWN PORT
HARCOURT,
RIVERS STATE.

Location:

PROPOSED DEVELOPMENT
FOR MOSES IMANCHE JOSHUA
AT
OJANTELE, APA L.G.A
BENUUE STATE. NIGERIA

Date

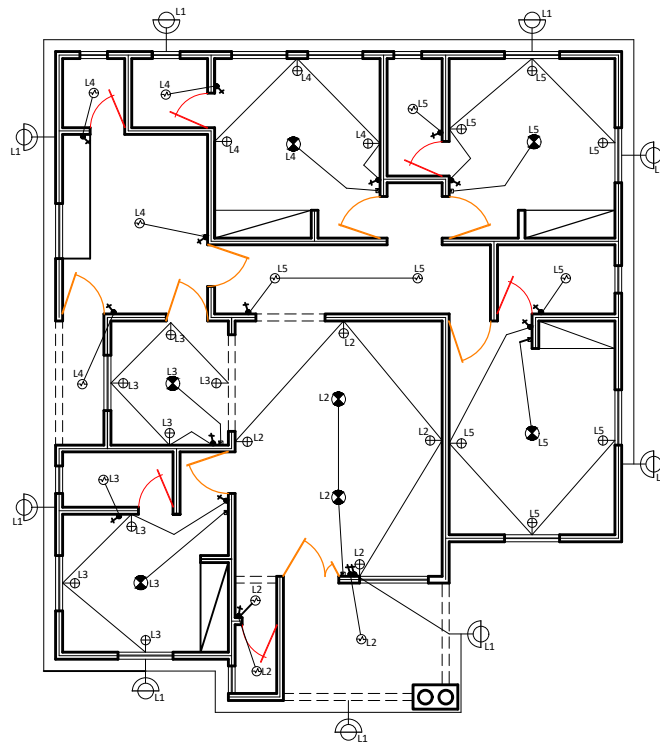
OCT. 2022

Sheet

Scale

N.T.S

E 01



LIGHTING POINT

ELECTRICAL DIAGRAM

General Notes

Design by:

KINGSLEY N. AMADI

Project:

ELECTRICAL DESIGN

Firm Name and Address:

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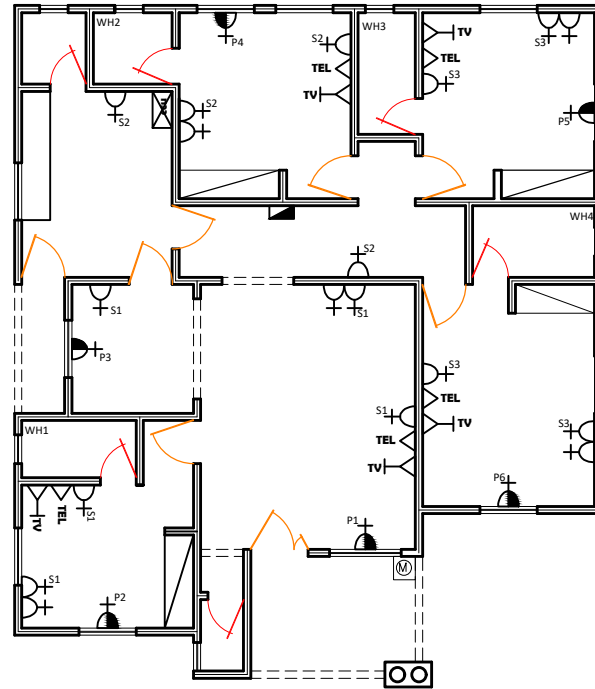
OCT. 2022

Sheet

Scale

N.T.S

E 02



POWER POINT

ELECTRICAL DIAGRAM

General Notes

Design by:

KINGSLEY N. AMADI

Project:

ELECTRICAL DESIGN

Firm Name and Address:

ALCHOM TECHNOLOGIES
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RUKPOKWU TOWN PORT
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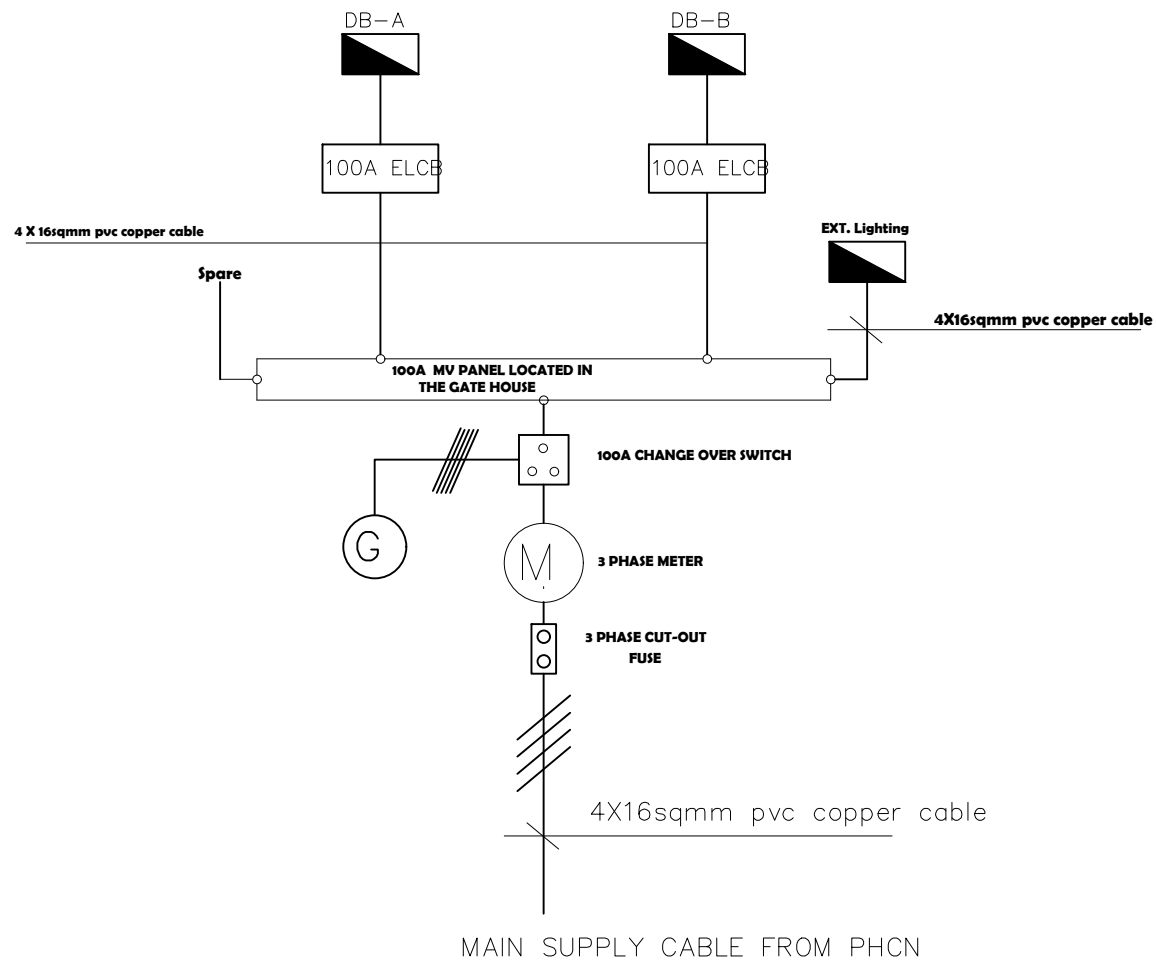
OCT. 2022

Sheet

Scale

N.T.S

E 03



General Notes

Design by:

KINGSLEY N. AMADI

Project:

ELECTRICAL DESIGN

Firm Name and Address:

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Date

OCT. 2022

Sheet

Scale









N.T.S

E 04

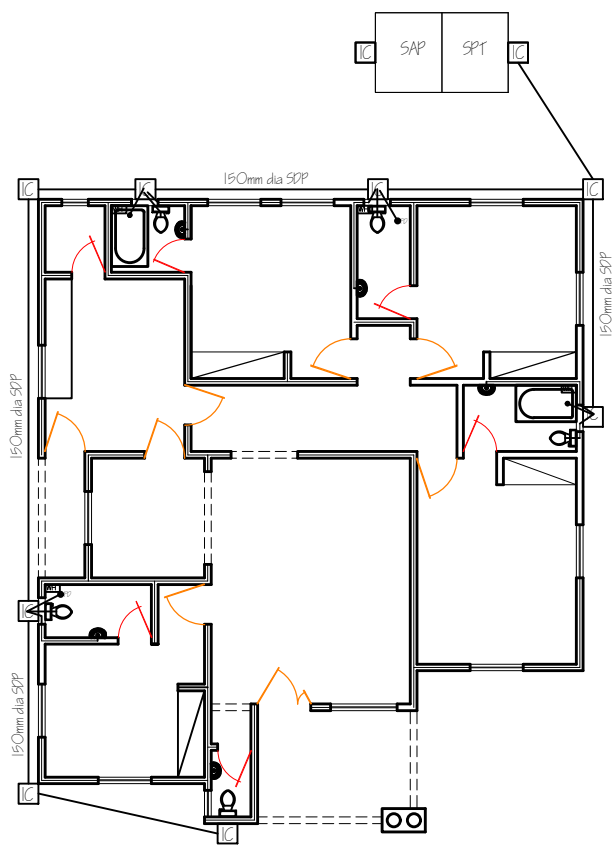
MECHANICAL DESIGN

General Notes

MECHANICAL LEGEND

	1650 X 750mm Amitage shank Bath Tub white glazed with 13mm hot & cold chrome plated water mixer tap, 38mm bottle trap, brackets, chain and plug.
	Washdown Amitage WC with white glazed pan in P-tray, solid plastic seat and cover, 9 litres cistern with ball valve, flush master.
	Amitage shanks 1617 x 533mm double bowl and single drainer stainless steel sink with 13mm hot and cold chrome plated water pillar tap.
	750 x 750mm Amitage shank shower tray white glazed with 13mm hot and cold chrome plated water mixer tap, 38mm bottle trap, brackets, chain and plug.
	560 X 410 x 310mm Amitage shank (WHB) wash hand basin white glazed with 13mm hot & cold chrome plated water pillar tap, 38mm bottle trap.
-----	15mm diameter cold water supply pipeline in UPVC pressure pipeline.
————	50mm diameter UPVC waste pipeline.
-----	15mm diameter coated Galvanised copper Hot Water pipeline.
	450 x 450 x 300mm Inspection Chamber.
	50mm diameter Floor Drain Complete with P-trap.
————	100mm diameter Soil pipeline in UPVC Pipe Material.
	Isolation valve sided to pipe.

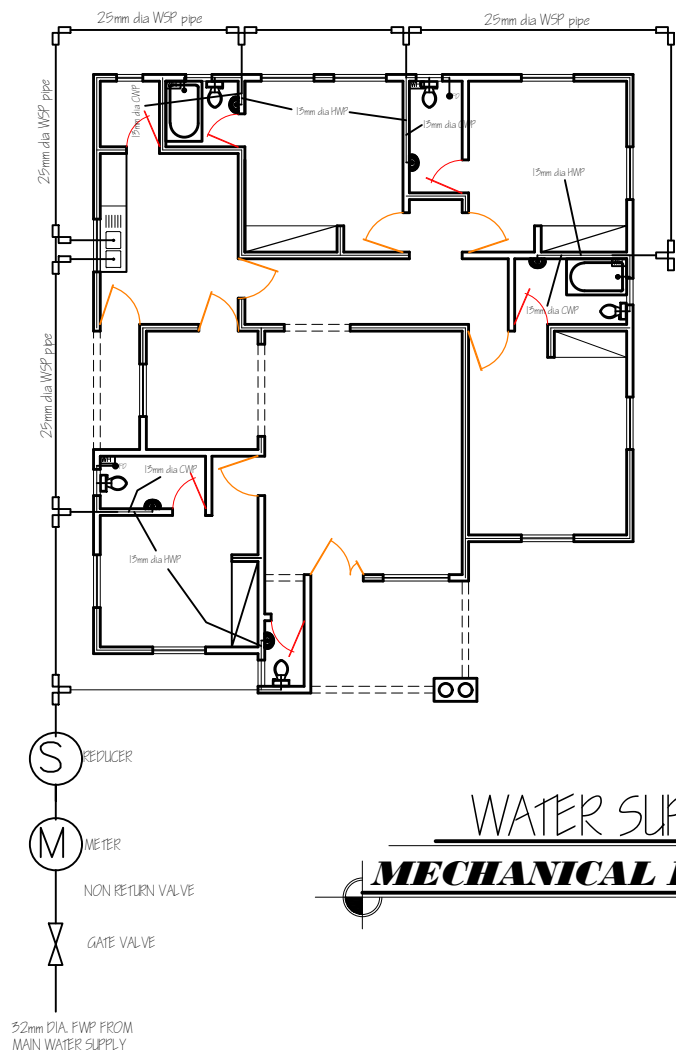
Project:		
MECHANICAL DESIGN		
Design by:		
UTTIBE N. COLLINS		
Firm Name and Address:		
S.O.P ENGINEERING NO. 67 UG STREET, DIOBU TOWN PORT HARCOURT, RIVERS STATE.		
Location:		
PROPOSED DEVELOPMENT FOR MOSES IMANCHE JOSHUA AT OJANTELE, APA L.G.A BENUUE STATE. NIGERIA		
Date	OCT. 2022	Sheet
Scale	N.T.S	M 01



WASTE DRAINAGE
MECHANICAL DIAGRAM

General Notes

Project:	
MECHANICAL DESIGN	
Design by:	
UTIBE N. COLLINS	
Firm Name and Address:	
S.O.P ENGINEERING NO. 67 UG STREET, DIOBU TOWN PORT HARCOURT, RIVERS STATE.	
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Sheet	
M 02	



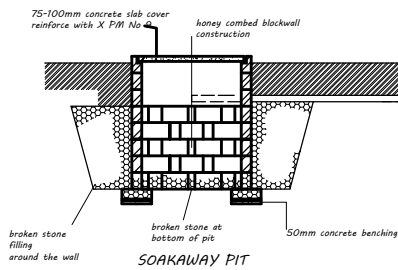
WATER SUPPLY
MECHANICAL DIAGRAM

General Notes

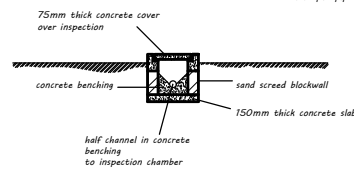
Project: MECHANICAL DESIGN	
Design by: UTIBE N. COLLINS	
Firm Name and Address: S.O.P ENGINEERING NO. 67 UG STREET, DIOBU TOWN PORT HARCOURT, RIVERS STATE.	
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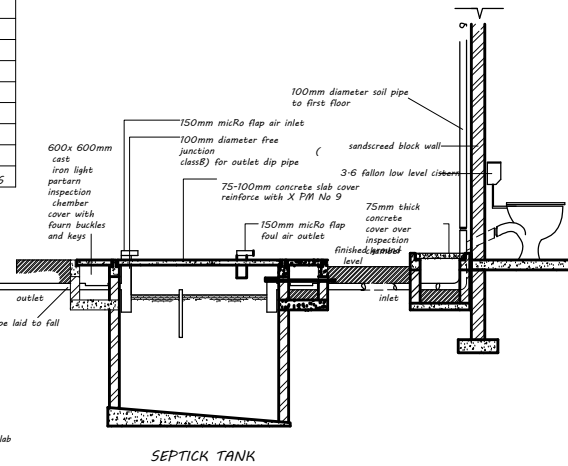
SCHEDULE OF SEPTIC TANK							
1	2	3	4	5	6	7	8
Type recommended for projection below	Type	number of user	tank volume	length	breadth	depth inter	DISLODGING INTERVALS
	A	10	2.40 M	2190	730	1500	2 YRS
	B	20	4.80 M	3000	1000	1500	2 YRS
	C	30	7.20 M	3450	1150	1800	2 YRS
	D1	50	6.00 M	3150	1050	1800	1 YRS
	D2	50	12.00 M	4500	1500	1800	2 YRS
	E1	75	9.00 M	3900	1300	1800	1 YRS
	E2	75	18.00 M	5100	1700	2000	2 YRS
	F1	100	12.00 M	4200	1400	2000	1 YRS
	F2	100	18.00 M	5100	1700	2000	1 1/2 YRS
	G1	120	14.40 M	4500	1500	2000	1 YRS
	G2	120	21.60 M	5700	1700	2000	1 1/2 YRS



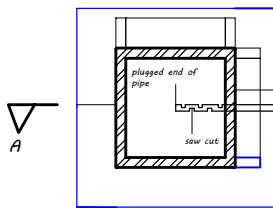
SOAKAWAY PIT



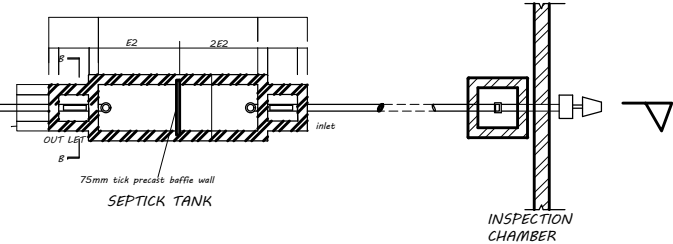
half channel in concrete benching to inspection chamber



SEPTICK TANK



SOAKAWAY PIT



SEPTICK TANK

Project:

MECHANICAL DESIGN

Design by:

UTIBE N. COLLINS

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N.T.S

M 04