



De Dof Systems Ltd.

*ARCHITECTURE *ENGINEERING * PROPERTY DEVELOPEMENT
& ENVIRONMENTAL MANAGEMENT * CONSULTANTS

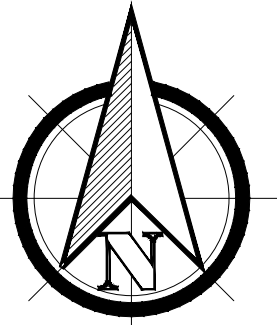
No. 47/7 Sir Vincent Eze Avenue, Phase 6,
Transekulu, Enugu.
08037363492

PROPOSED INDUSTRIAL PARK

CLIENT: GROW AFRICA NIG. LTD.

LOCATION: NO. 71 OGUI ROAD, ENUGU
ENUGU NORTH L.G.A, ENUGU STATE.

SEPTEMBER, 2023



Landscaping Details

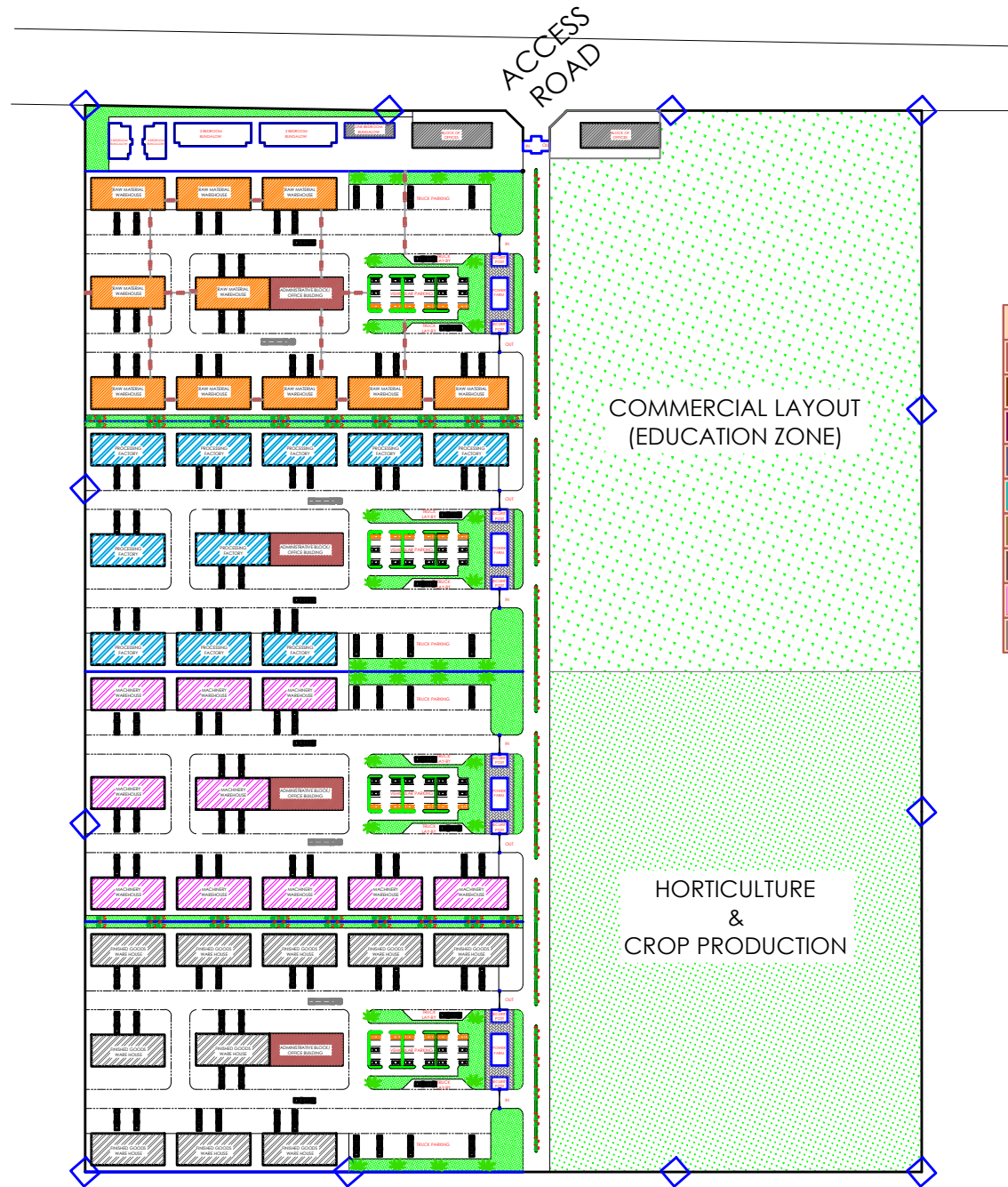
(100 X 300 X 280) mm thick, well hunched fair faced chamfered precast concrete kerbs bedded & joined in cement/ mortar mix

60mm thick precast interlocking paving stones laid on 150mm thick granite chipping dust on existing well compacted sub base

Paspalum grass

Legend

Area of site -	828.632 m2
Area of proposed bld -	392.056 m2
Area of unbuilt space -	436.576 m2
Percentage built -	47%
Percentage unbuilt -	53%
Number of units -	12
Number of Parking -	20
Total paving landscape.....	323.707m2
Total grassing landscape.....	112.869m2



KEY	LEGEND
[Green]	RAW MATERIALS & AGRO PROCESSING
[Orange]	HIGH CARE/ PRECISION, FOOD, BEVERAGE, BIO-MEDICAL & BIO-PHARMACEUTICAL COMPLEX
[Purple]	BIO-ENERGY COMPLEX (BIO-ETHANOL REFINERY/BIO FUEL)
[Blue]	ADVANCED BIO-ENGINEERING & MANUFACTURING COMPLEX
[Cyan]	GATE POST
[Brown]	POWER FARM
[Grey]	ONE BEDROOM BUNGALOW
[Pink]	TWO BEDROOM BUNGALOW
[Dark Grey]	THREE BEDROOM BUNGALOW

notes

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item	description	initials	date
revisions			

JOB TITLE
PROPOSED INDUSTRIAL PARK
 @
 NO. 71 OGUI ROAD,
 ENUGU NORTH L. G. AREA,
 ENUGU STATE.
FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	02

DRAWING TITLE	REV. SUFFIX
SITE LAYOUT PLAN	
SCALE	
	50,1:100,250,500

Prime consultants:
DE- DOF SYSTEMS LIMITED
 architecture.planning.engineering
 landscape.project managers
 NO. 4 John Igwesi Street, Meniru
 Awkananaw Enugu
 Enugu State.
 08037363492

Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

SITE LAYOUT PLAN



3-D SITE LAYOUT PLAN

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DWG. NO	SHEET. NO
001	03

DRAWING TITLE	REV. SUFFIX
SITE LAYOUT PLAN	SCALE
	50,1:100,250,500

Prime consultants:
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 landscape.project managers
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design /drafted	checked	date
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3-D SITE LAYOUT PLAN

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DWG. NO	SHEET. NO
001	04

DRAWING TITLE	REV. SUFFIX
SITE LAYOUT PLAN	SCALE
	50,1:100,250,500

Prime consultants:
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Architectural Stamp/Seal

design /drafted	checked	date
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GATE HOUSE



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3D APPROACH VIEW

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DRAWING TITLE	REV. SUFFIX
GATE HOUSE	
	SCALE
	50,1:100,250,500

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3D SOUTH EAST VIEW

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001	07

DRAWING TITLE	REV. SUFFIX
GATE HOUSE	
SCALE	
	50,1:100,250,500

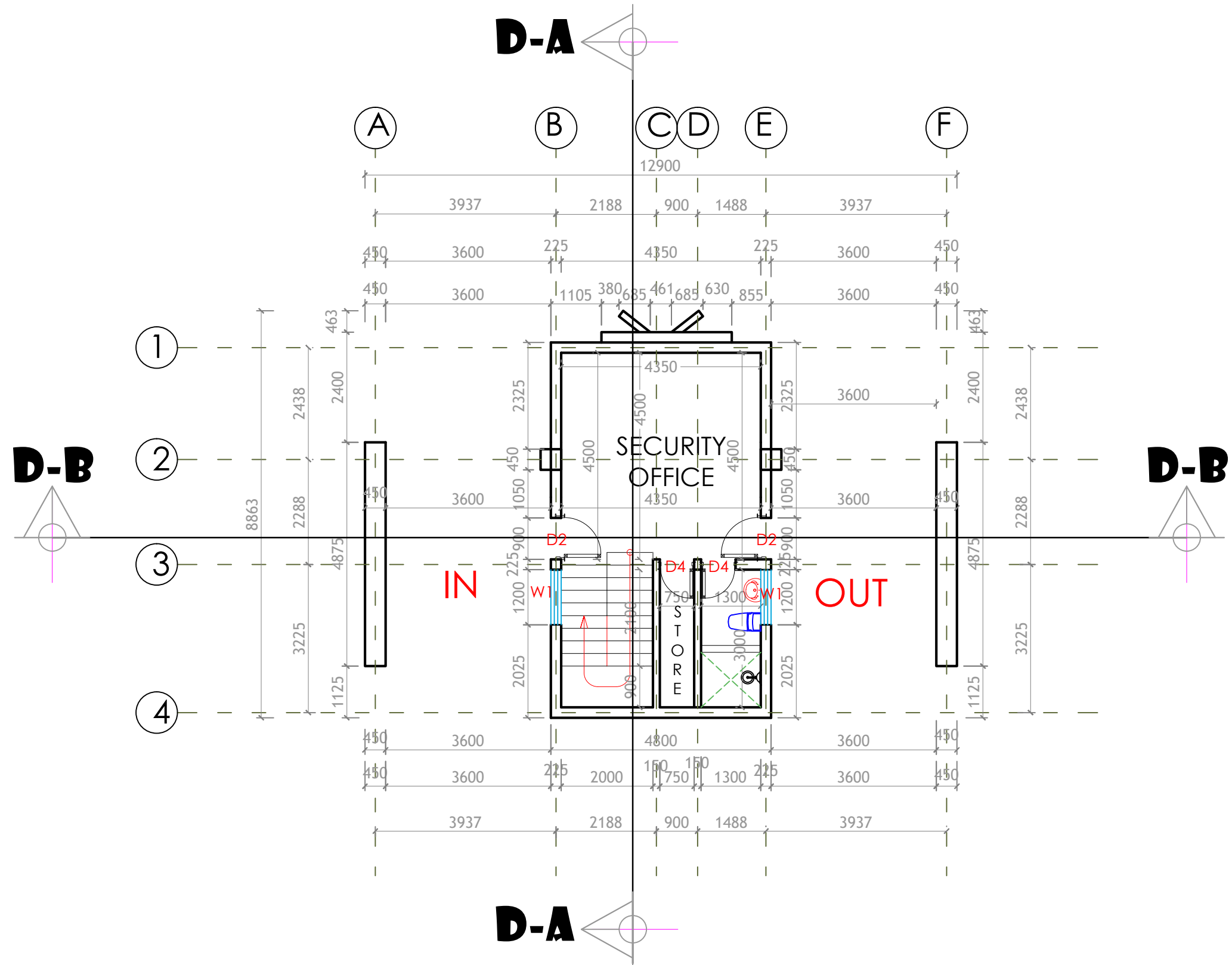
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GROUND FLOOR PLAN

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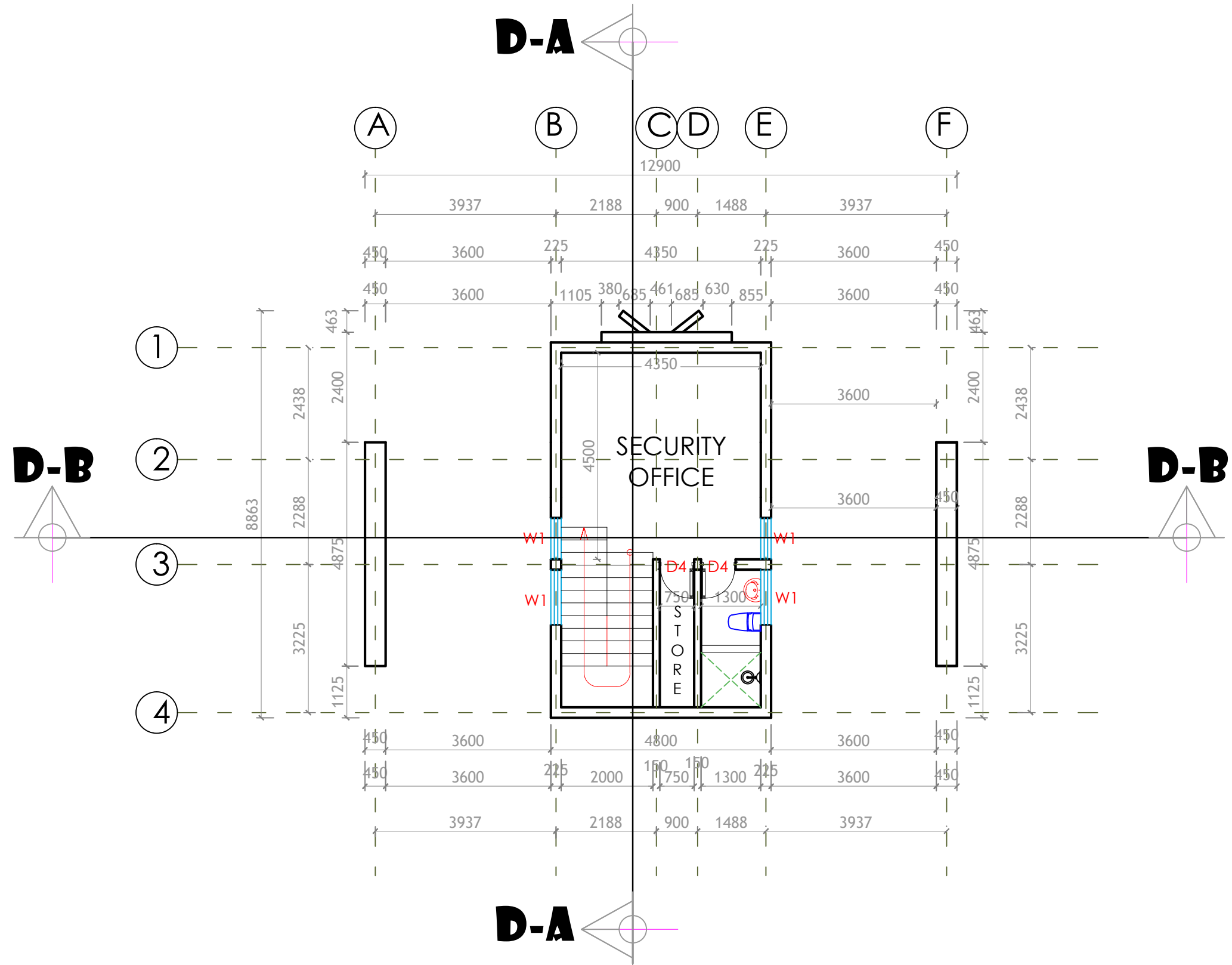
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001	08

DRAWING TITLE	REV. SUFFIX
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SCALE	
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FIRST FLOOR PLAN

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DWG. NO	SHEET. NO
001	09

DRAWING TITLE	REV. SUFFIX
GATE HOUSE	SCALE
	50,1:100,250,500

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design /drafted	checked	date
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001	10

DRAWING TITLE
GATE HOUSE

REV. SUFFIX

SCALE
 50,1:100,250,500

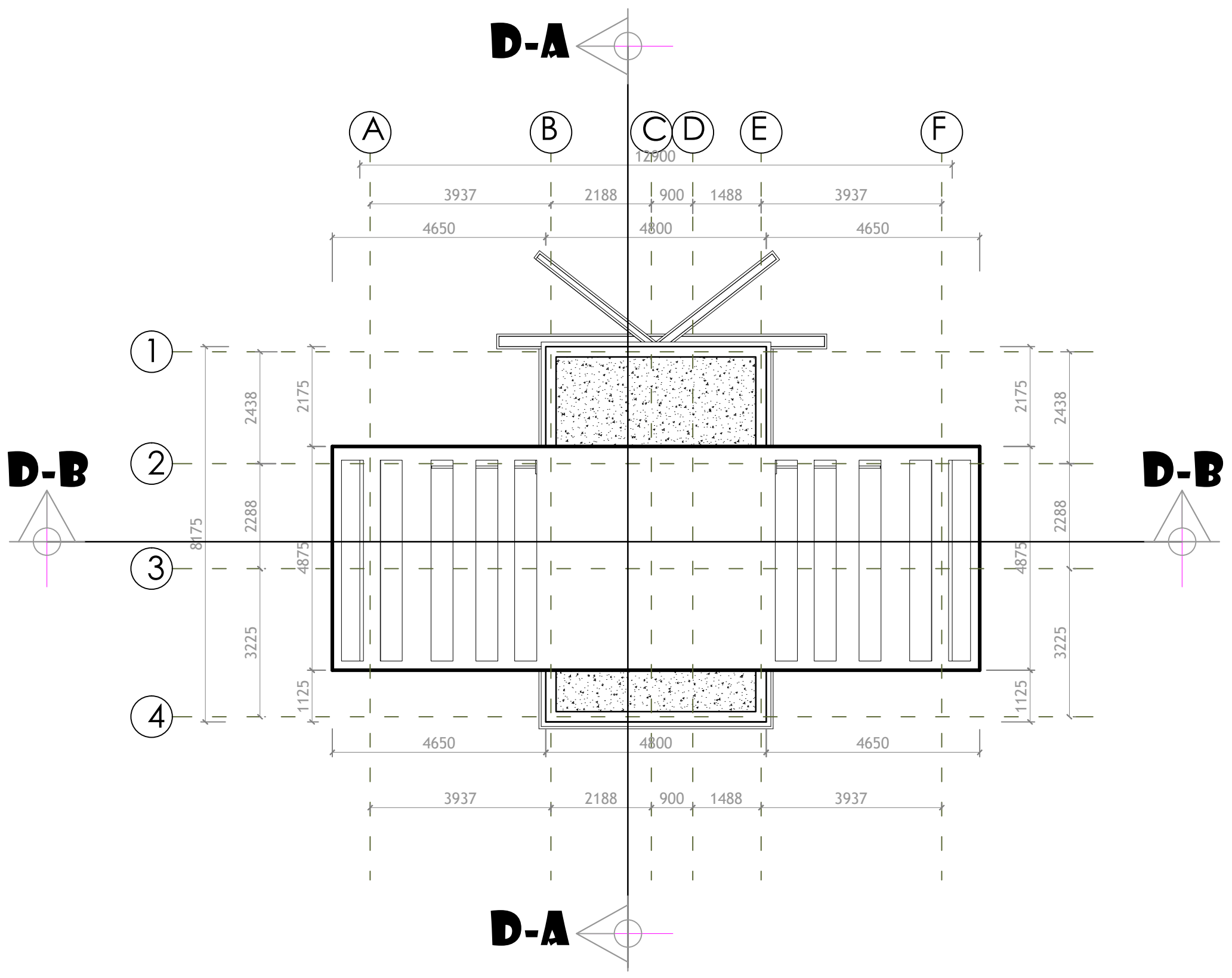
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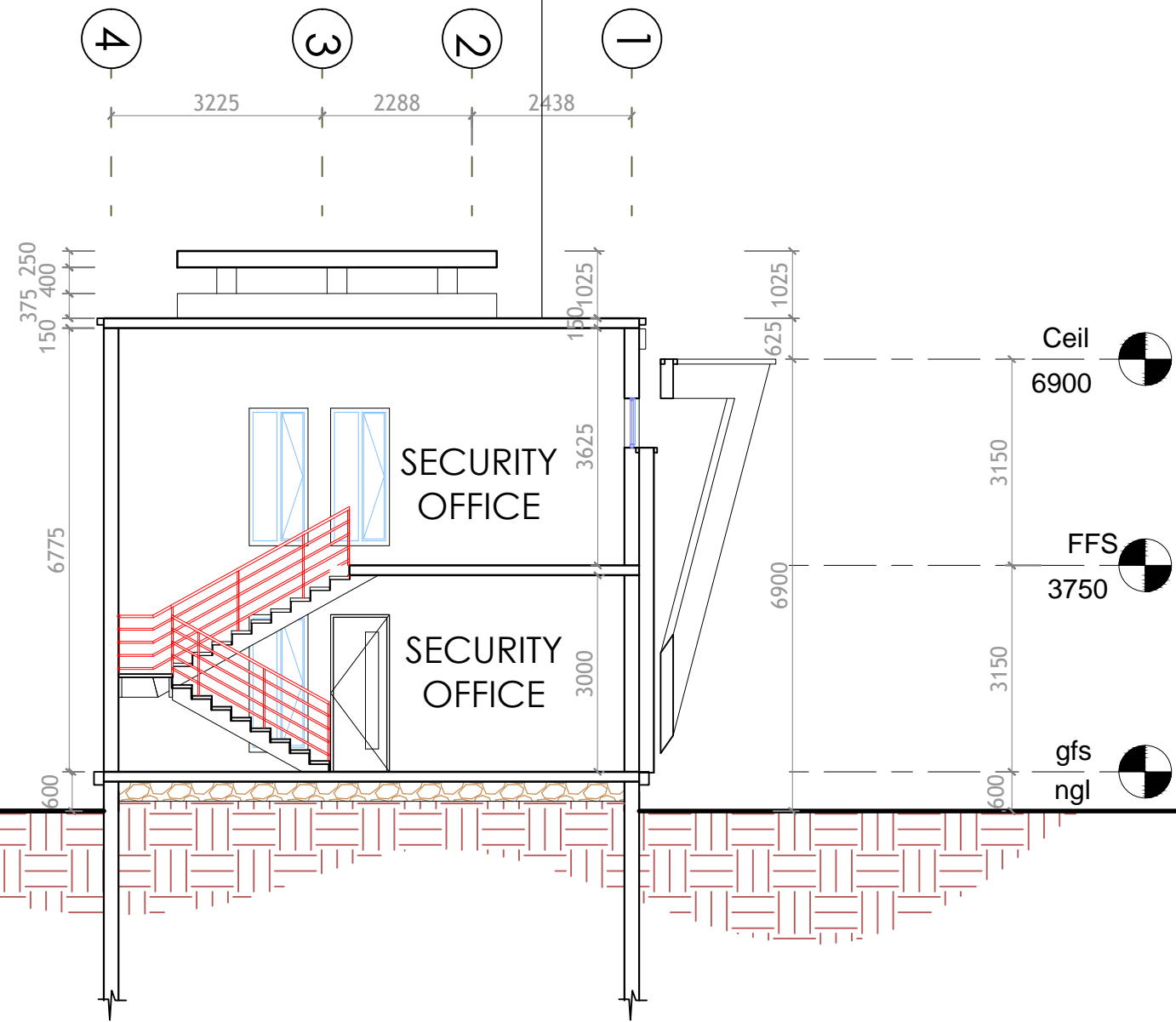
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design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023



ROOF PLAN

ROOF DECK DETAILS
To structural Engineer's Details



FOUNDATION DETAILS
To structural Engineer's Details

SECTION D - A

notes

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DWG. NO	SHEET. NO
001	11

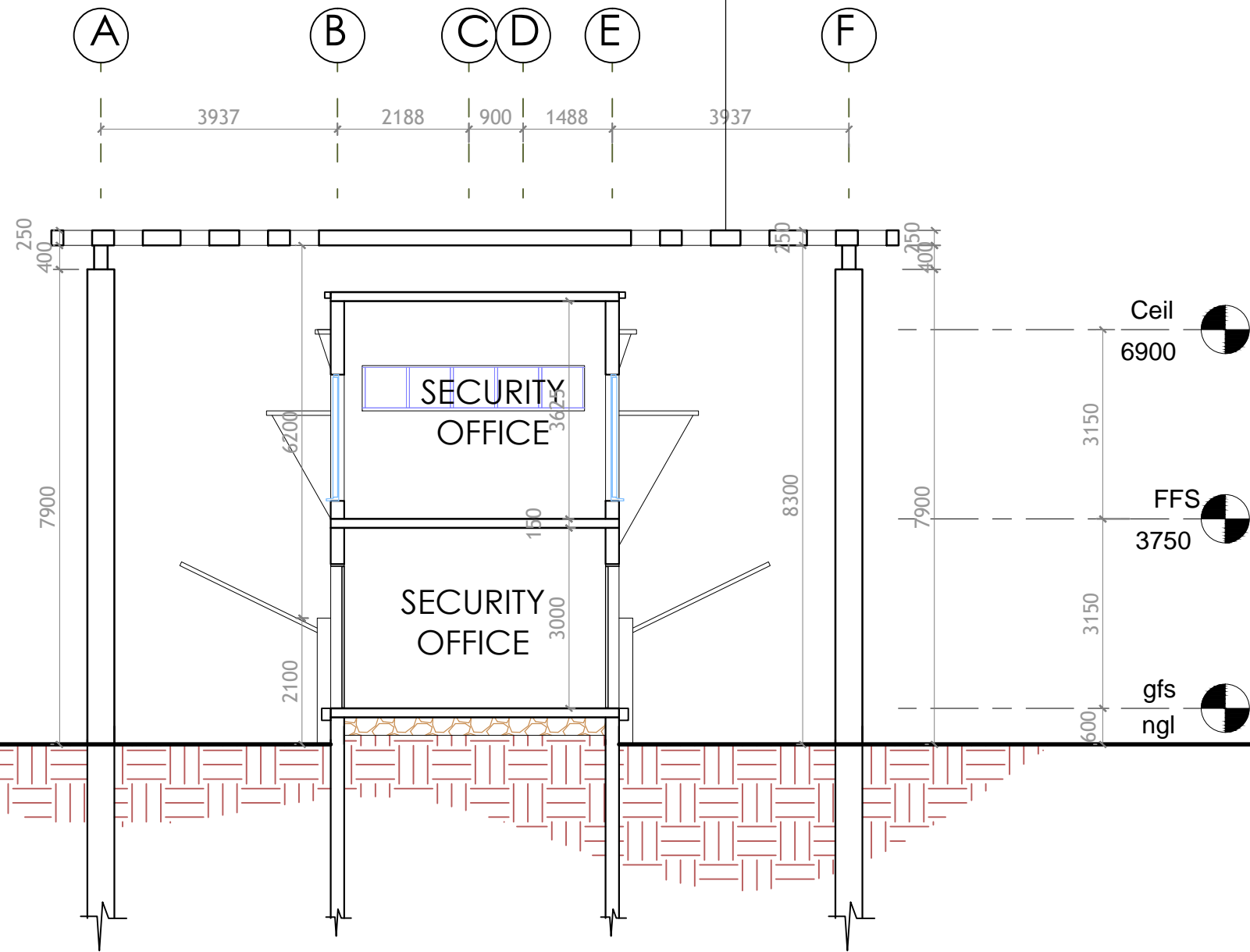
DRAWING TITLE	REV. SUFFIX
GATE HOUSE	
SCALE	
	50,1:100,250,500

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ROOF DECK DETAILS
To structural Engineer's Details



FOUNDATION DETAILS
To structural Engineer's Details

SECTION D - B

notes

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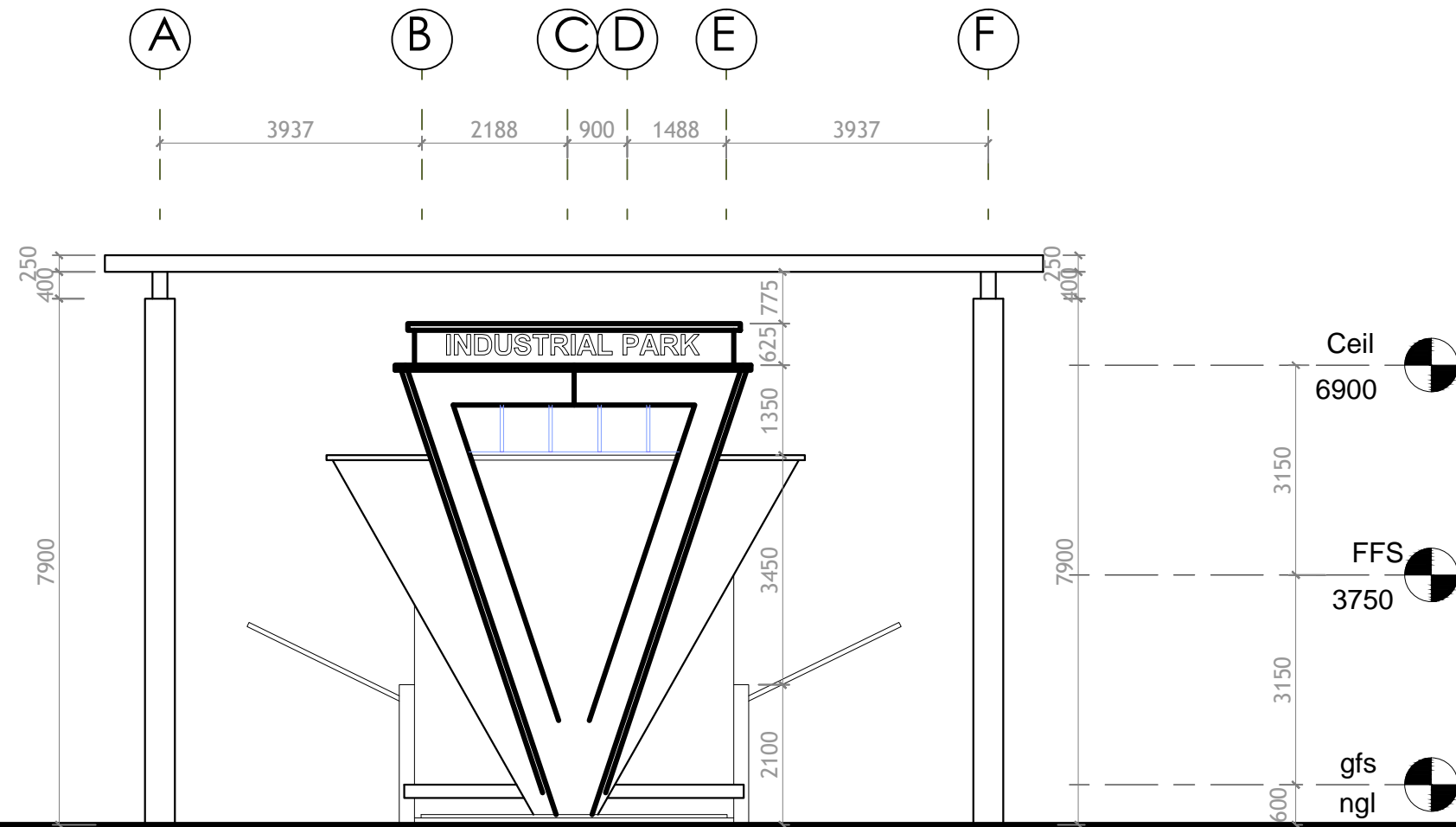
DWG. NO	SHEET. NO
001	12

DRAWING TITLE	REV. SUFFIX
GATE HOUSE	
SCALE	
	50,1:100,250,500

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NORTH ELEVATION

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GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	13

DRAWING TITLE	REV. SUFFIX
GATE HOUSE	
SCALE	
	50,1:100,250,500

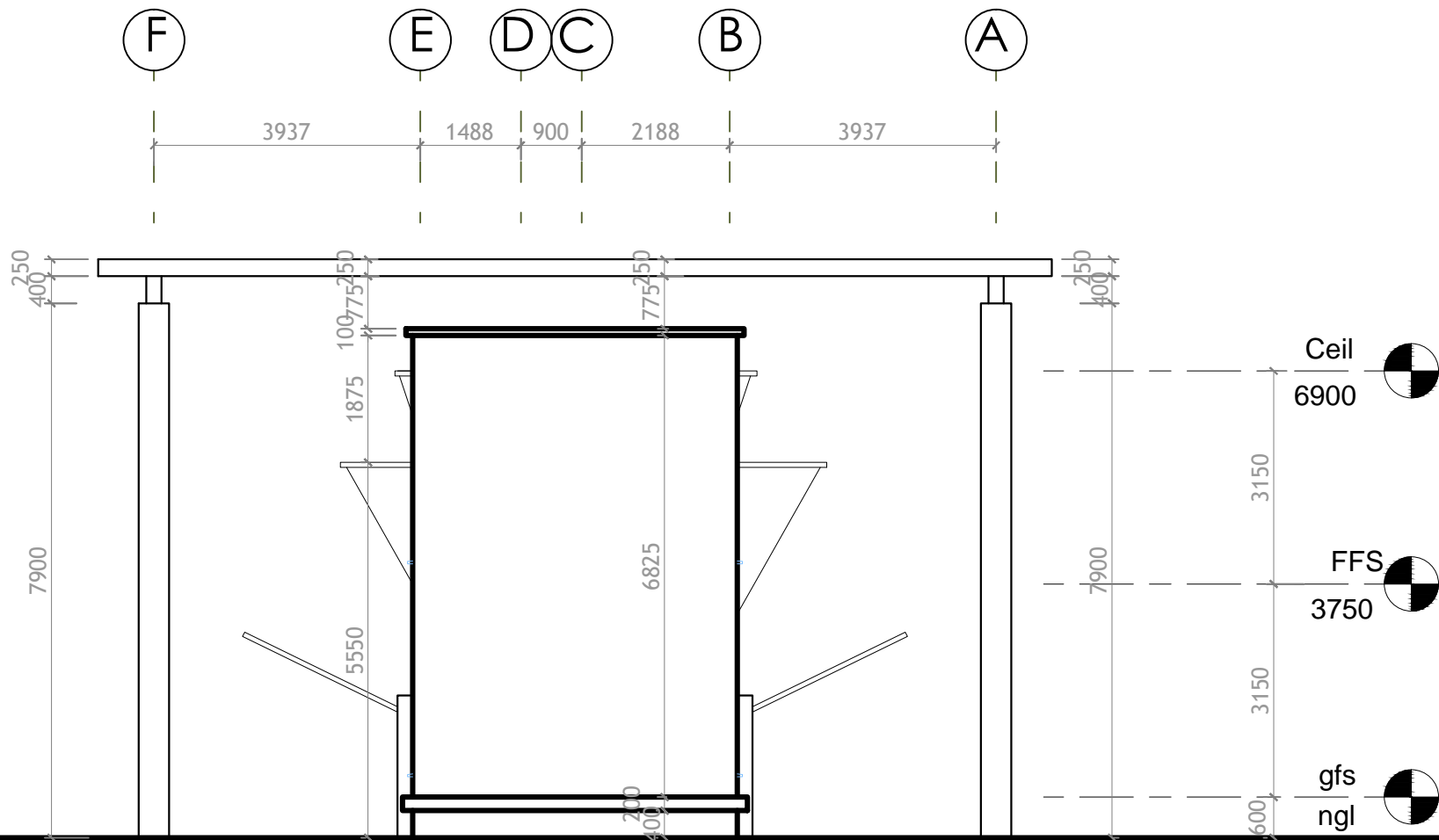
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design /drafted	checked	date
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SOUTH ELEVATION

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GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	14

DRAWING TITLE	REV. SUFFIX
GATE HOUSE	
SCALE	
	50,1:100,250,500

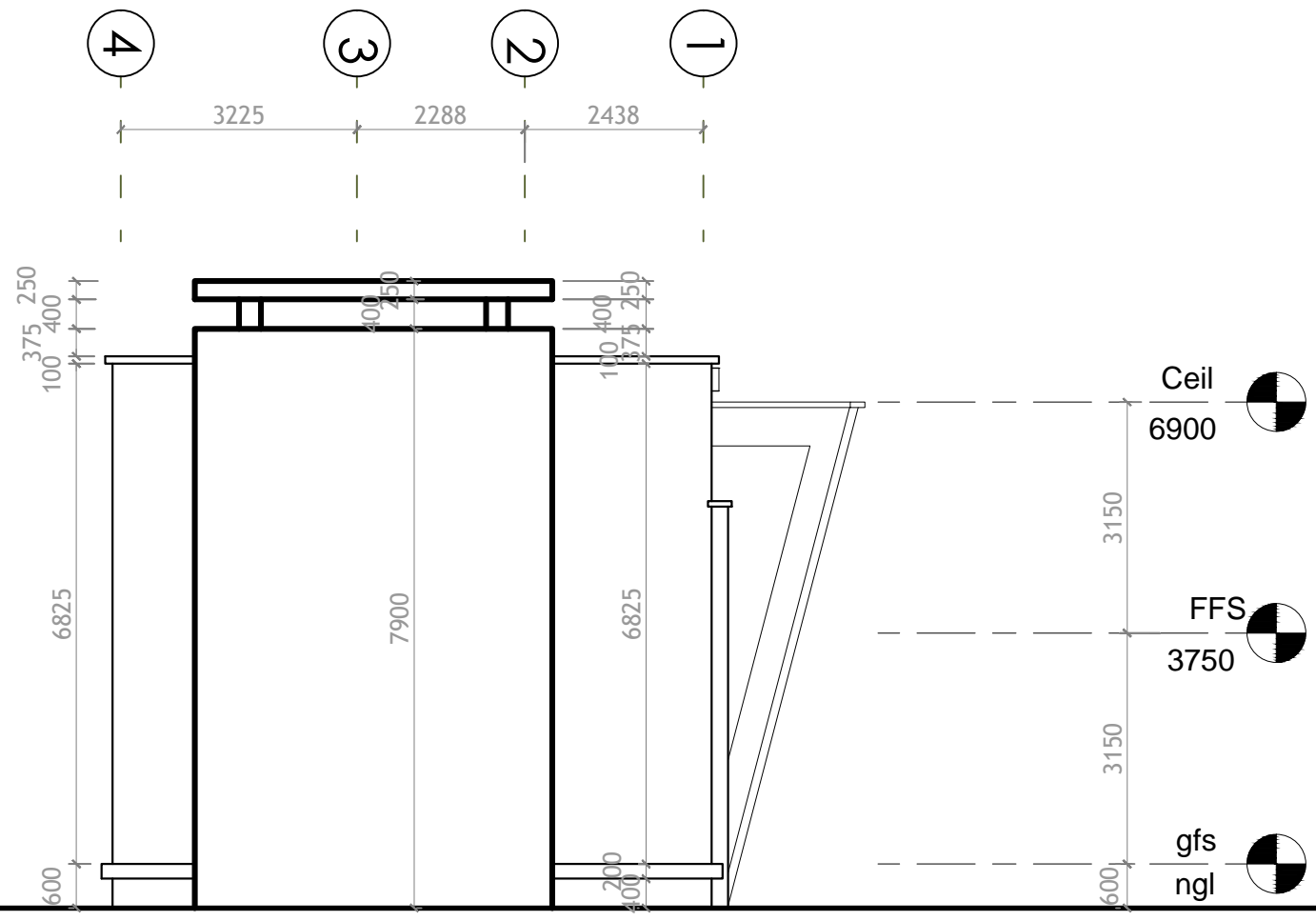
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Architectural Stamp/Seal

design /drafted	checked	date
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EAST ELEVATION

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DWG. NO	SHEET. NO
001	15

DRAWING TITLE	REV. SUFFIX
GATE HOUSE	
	SCALE
	50,1:100,250,500

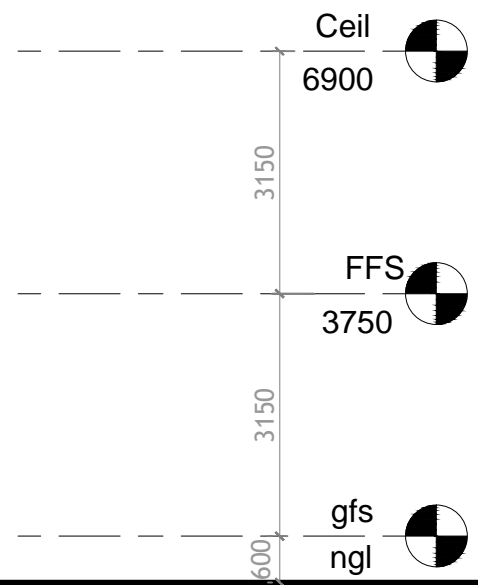
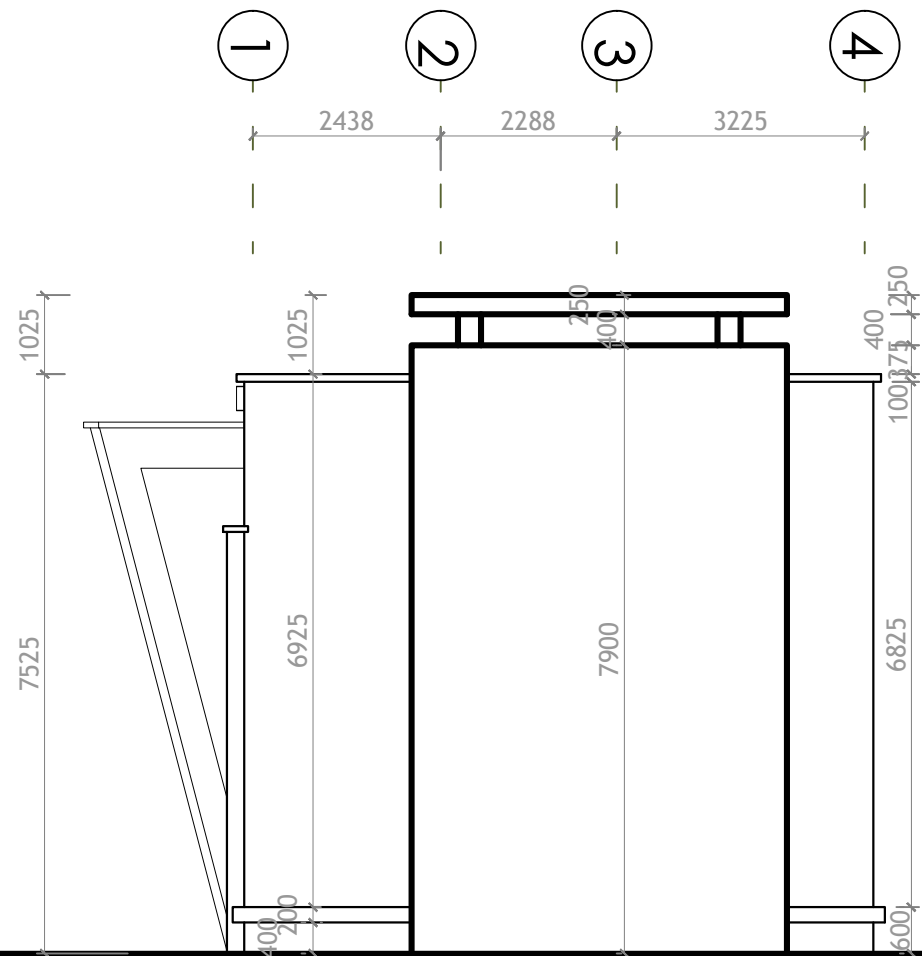
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WEST ELEVATION

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DWG. NO	SHEET. NO
001	16

DRAWING TITLE	REV. SUFFIX
GATE HOUSE	
SCALE	
	50,1:100,250,500

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design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

WINDOW SCHEDULE

WINDOW TYPE	W1	
WINDOW NO.	(W1)	
WINDOW DESCRIPTION	1200mm X 2100mm ANODIZED ALUMINIUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS	
FRAME	ANODIZED CREAM - COATED 50MM X 50MM ALUMINIUM FRAMES	
SUB-FRAME	40MM X 25MM HOLLOW SECTION M/S DETAIL	
GLASS	5MM BLUE TINTED GLASS	
LOCATION	SECURITY OFFICE, TOILETS	
QUANTITY	GROUND FLOOR	02nos.
	FIRST FLOOR	04nos.
	TOTAL NO.	06nos.

DOOR SCHEDULE

	DOOR TYPE	D2		DOOR TYPE	D4	
		(D2)		(D4)		
	DOOR DESCRIPTION	900mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS		DOOR DESCRIPTION	750mm X 2400mm WOODEN DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	
	FRAME	50MM X275MM H/W LAMINATED FRAME / DESIGNED ARCH-TRAVES		FRAME	50MM X275MM H/W LAMINATED FRAME / DESIGNED ARCH-TRAVES	
	SUB-FRAME	SUB-FRAME 25MM X 225MM H/W TREATED TIMBER FRAME		SUB-FRAME	SUB-FRAME 25MM X 225MM H/W TREATED TIMBER FRAME	
	LOCATION	SECURITY OFFICE		LOCATION	TOILETS	
	QUANTITY	GROUND FLOOR	02no.	QUANTITY	GROUND FLOOR	02no.
		FIRST FLOOR	-----		FIRST FLOOR	02no.
		TOTAL NO.	02no.		TOTAL NO.	04no.

WINDOW & DOOR SCHEDULE

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DWG. NO	001	SHEET. NO	17
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DRAWING TITLE	GATE HOUSE	REV. SUFFIX	
SCALE	50,1:100,250,500		

Prime consultants:
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DWG. NO	SHEET NO
001	19

DRAWING TITLE
GATE HOUSE

REV. SUFFIX

SCALE
 50,1:100,250,500

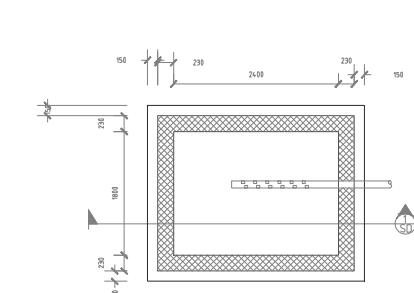
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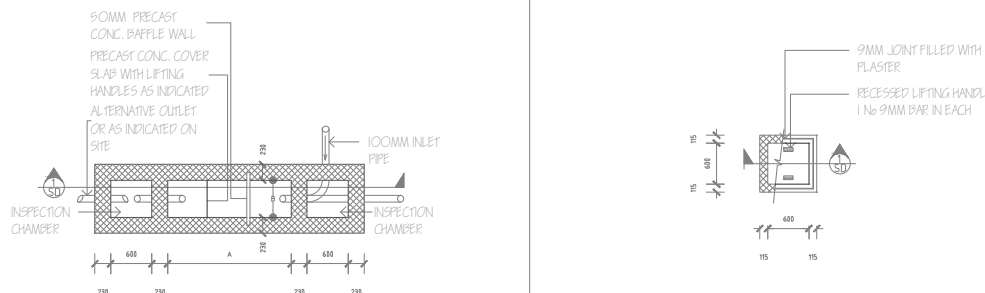
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 08037363492

Architectural Stamp/Seal

design/drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

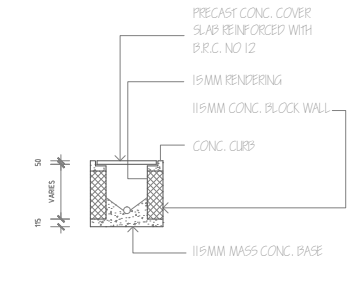


1 SOAKAWAY
 scale 1: 50
 PLAN

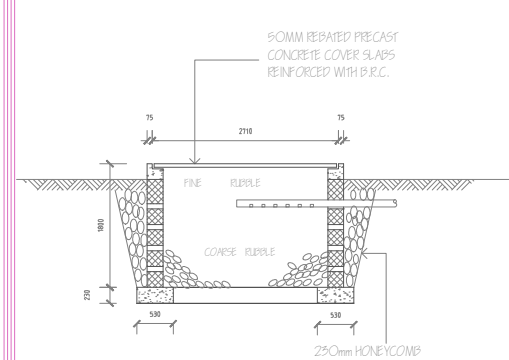


2 SEPTIC TANK
 scale 1: 50
 PLAN

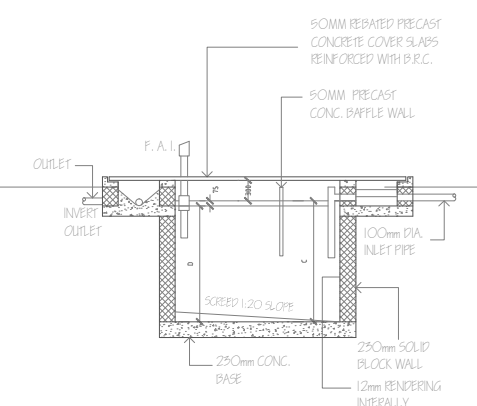
3 PLAN
 scale 1: 50



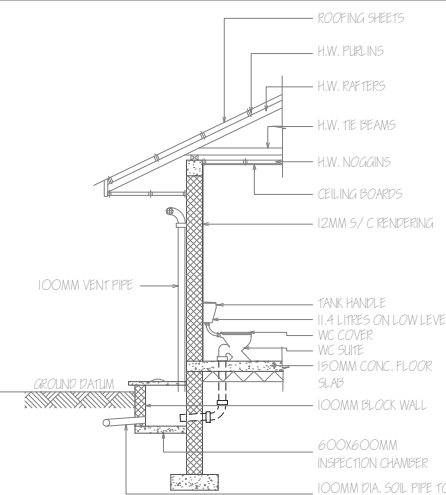
4 SECTION
 scale 1: 50



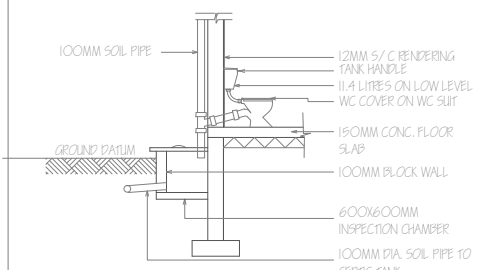
5 LONGITUDINAL SECTION
 scale 1: 50



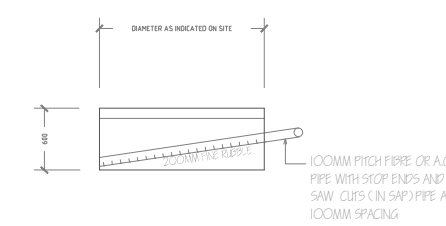
6 SECTION
 scale 1: 50



7 WC WALL SECTION 1
 scale 1: 50



8 WC WALL SECTION 2
 scale 1: 50



09 ALTERNATIVE SAP TYPE B1
 scale 1: 50

TANK TYPE	NO. OF USERS	CAPACITY OF TANK		LENGTH (MM)		BREATH (MM)	INLET DEPTH (MM)	OUTLET DEPTH (MM)	DIST. TO BAFFLE DEPTH (MM)	AVERAGE DEPTH (MM)
		PER USER CUBIC METRE	TOTAL CUBIC METRE	A	B	C				
A	10	0.192	1.92	2400	600	1275	1200	900	1800	
B	15	0.098	1.47	2775	825	1275	1200	1125	1800	
C	20	0.084	1.68	3000	1050	1350	1275	1200	1800	
D	50	0.07	3.50	3600	1200	1575	1600	1500	1800	
E	100	0.07	7.00	4800	1950	1650	1575	2100	1800	
F	200	0.07	14.00	6000	2450	1875	1800	2700	1800	

10 SCHEDULE OF SEPTIC TANK SIZES

DETAILS

OFFICES



De Dof Systems Ltd.

*ARCHITECTURE *ENGINEERING * PROPERTY DEVELOPEMENT
& ENVIRONMENTAL MANAGEMENT * CONSULTANTS

No. 47/ 7 Sir Vincent Eze Avenue, Phase 6,
Transekulu, Enugu.
08037363492



3D APPROACH VIEW

notes

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JOB TITLE
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 FOR
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DWG. NO	SHEET. NO
001	21

DRAWING TITLE	REV. SUFFIX
OFFICES	
	SCALE
	50,1:100,250,500

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3D SIDE VIEW

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DRAWING TITLE	REV. SUFFIX
OFFICES	
	SCALE
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FLOOR PLAN

notes

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001	24

DRAWING TITLE	REV. SUFFIX
OFFICES	
	SCALE
	50,1:100,250,500

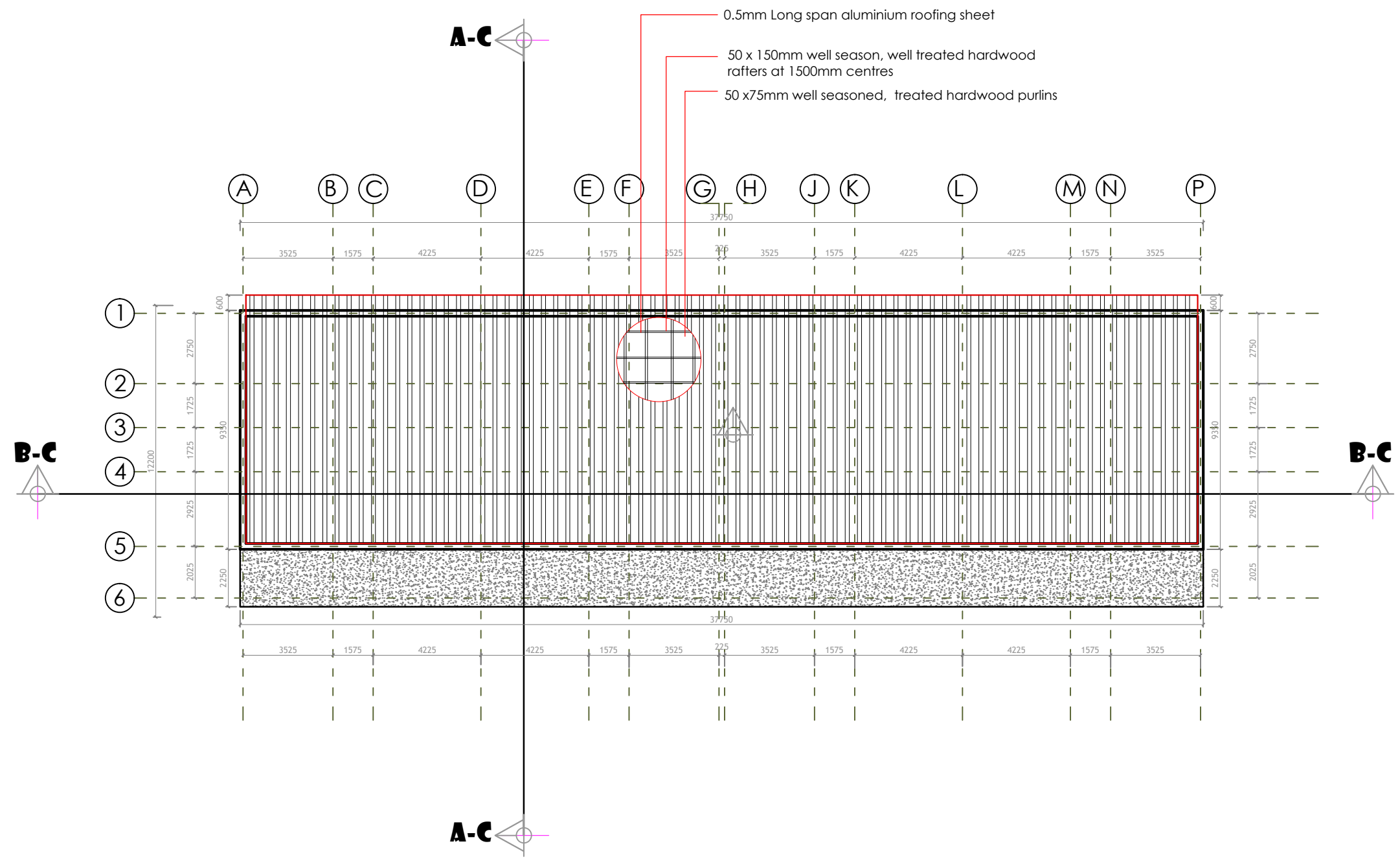
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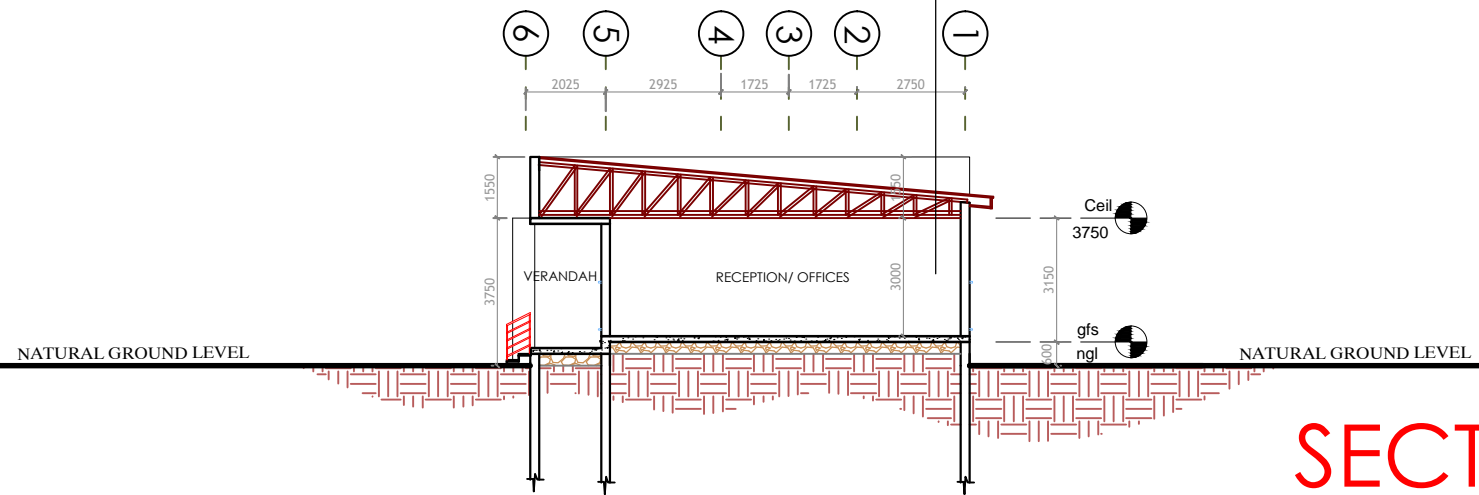
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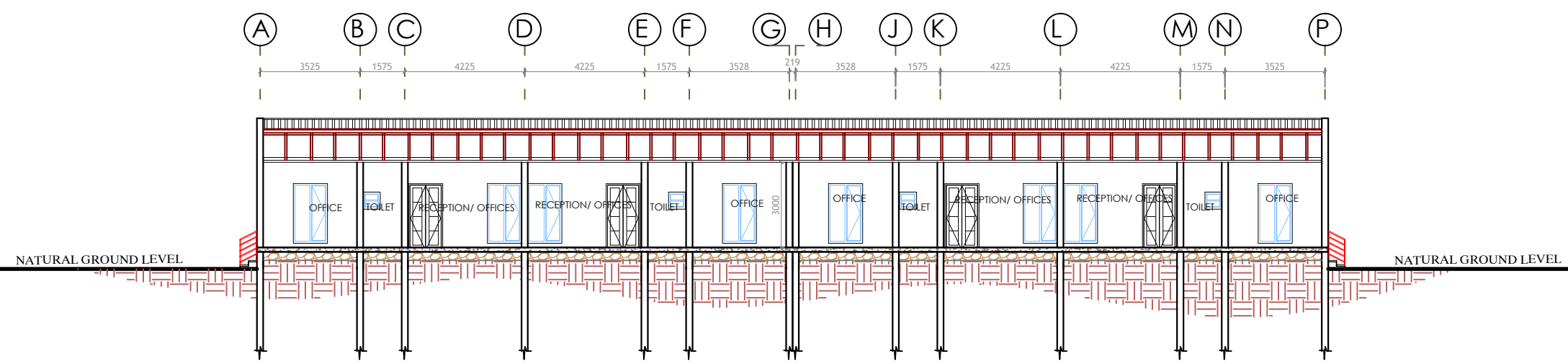


ROOF PLAN

ROOF DETAILS
 50 x 75mm well seasoned, treated hardwood purlins
 acrylic silica coated sand finish roof tiles
 50 x 150mm well season, well treated hardwood rafters at 1500mm centres
 50x150mm Well season, well treated hardwood roof struts
 50 x 150mm well season, well treated hardwood tie - beams at 1500mm centres
 75 x 100mm well season, well treated hardwood wall plates
 50 x 50mm well season, well treated hardwood ceiling noggings at 600mm centres



SECTION A-C



SECTION B-C

FOUNDATION DETAILS
 To structural Engineer's Details

notes

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001	25

DRAWING TITLE
OFFICES

REV. SUFFIX

SCALE
 50,1:100,250,500

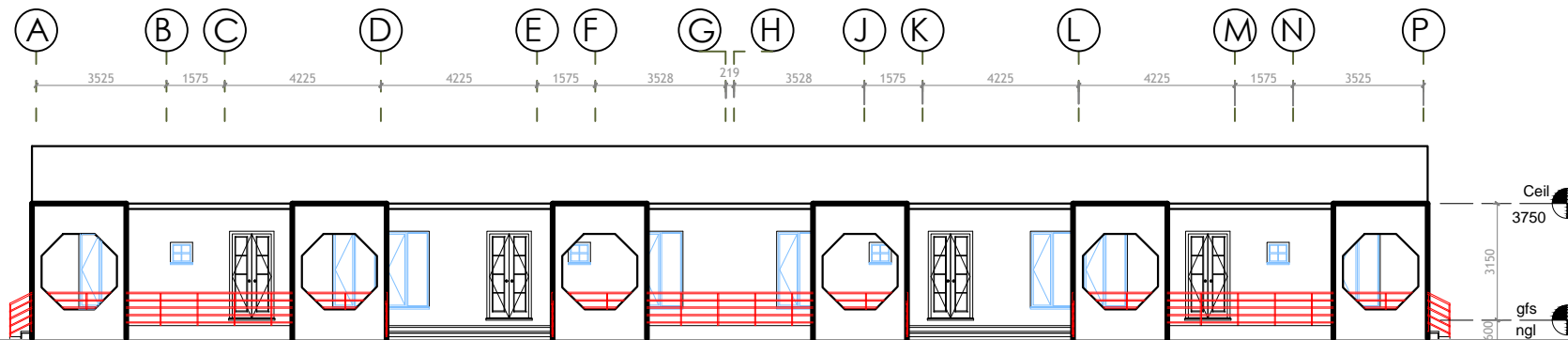
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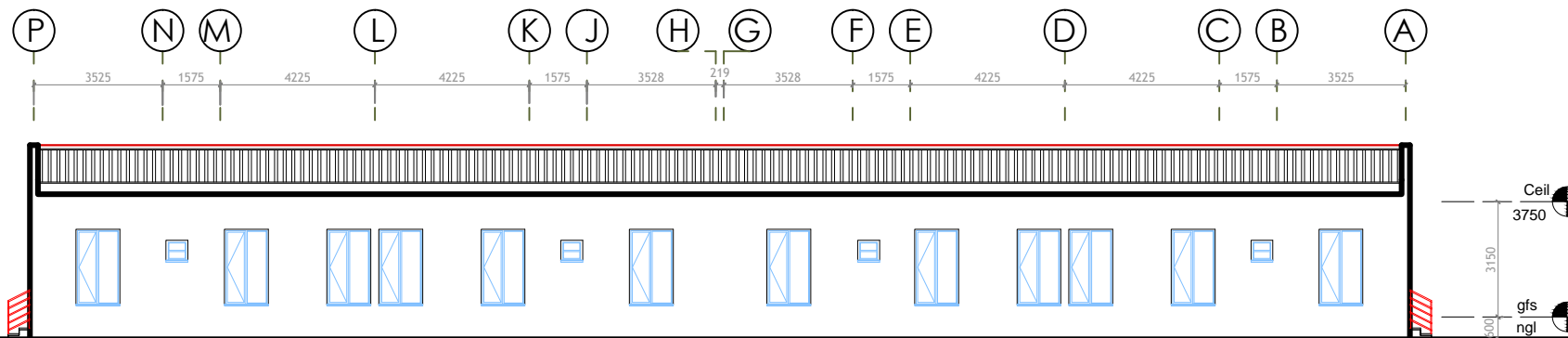
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SOUTH ELEVATION



NORTH ELEVATION

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001	26

DRAWING TITLE
OFFICES

SCALE
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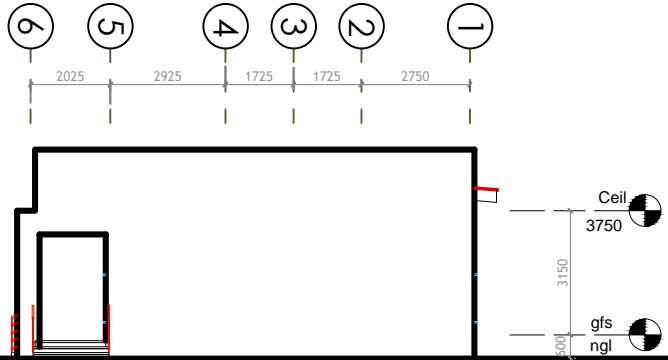
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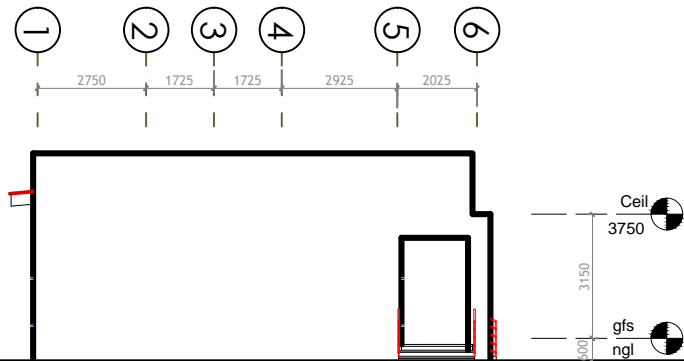
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design /drafted	checked	date
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EAST ELEVATION



WEST ELEVATION

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	revisions		

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DWG. NO	SHEET. NO
001	27

DRAWING TITLE
OFFICES

REV. SUFFIX

SCALE
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Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

WINDOW SCHEDULE

WINDOW TYPE	W1	WINDOW TYPE	W2
WINDOW NO.	(W1)	WINDOW NO.	(W2)
WINDOW DESCRIPTION	1200mm X 2100mm ANODIZED ALUMINIUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS	WINDOW DESCRIPTION	600mm X 1200mm ANODIZED ALUMINIUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS
FRAME	ANODIZED CREAM - COATED 50MM X 50MM ALUMINIUM FRAMES	FRAME	ANODIZED CREAM - COATED 50MM X 50MM ALUMINIUM FRAMES
SUB-FRAME	40MM X 25MM HOLLOW SECTION M/S DETAIL	SUB-FRAME	40MM X 25MM HOLLOW SECTION M/S DETAIL
GLASS	5MM BLUE TINTED GLASS	GLASS	5MM BLUE TINTED GLASS
LOCATION	RECEPTION, OFFICES	LOCATION	TOILET
QUANTITY	GROUND FLOOR 20nos.	QUANTITY	GROUND FLOOR 08nos.
	TOTAL NO. 20nos.		TOTAL NO. 08nos.

DOOR SCHEDULE

DOOR TYPE	D1	DOOR TYPE	D2	DOOR TYPE	D3	DOOR TYPE	D4
DOOR NO.	(D1)		(D2)		(D3)		(D4)
DOOR DESCRIPTION	1200mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	DOOR DESCRIPTION	900mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	DOOR DESCRIPTION	900mm X 2400mm WOODEN DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	DOOR DESCRIPTION	750mm X 2400mm WOODEN DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS
FRAME	50MM X 275MM HW LAMINATED FRAME / DESIGNED ARCH-TRAVES	FRAME	50MM X 275MM HW LAMINATED FRAME / DESIGNED ARCH-TRAVES	FRAME	50MM X 275MM HW LAMINATED FRAME / DESIGNED ARCH-TRAVES	FRAME	50MM X 275MM HW LAMINATED FRAME / DESIGNED ARCH-TRAVES
SUB-FRAME	SUB-FRAME 25MM X 225MM HW TREATED TIMBER FRAME	SUB-FRAME	SUB-FRAME 25MM X 225MM HW TREATED TIMBER FRAME	SUB-FRAME	SUB-FRAME 25MM X 225MM HW TREATED TIMBER FRAME	SUB-FRAME	SUB-FRAME 25MM X 225MM HW TREATED TIMBER FRAME
LOCATION	RECEPTION/ OFFICES	LOCATION	NIL	LOCATION	OFFICES	LOCATION	TOILETS
QUANTITY	GROUND FLOOR 08nos.	QUANTITY	GROUND FLOOR -----	QUANTITY	GROUND FLOOR 08nos.	QUANTITY	GROUND FLOOR 08nos.
	TOTAL NO. 08nos.		TOTAL NO. -----		TOTAL NO. 08nos.		TOTAL NO. 08nos.

DOOR & WINDOW SCHEDULE

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@
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ENUGU STATE.
FOR
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DWG. NO	001	SHEET. NO	28
DRAWING TITLE		REV. SUFFIX	
OFFICES			
		SCALE	
		50,1:100,250,500	

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08037363492

Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

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revisions			

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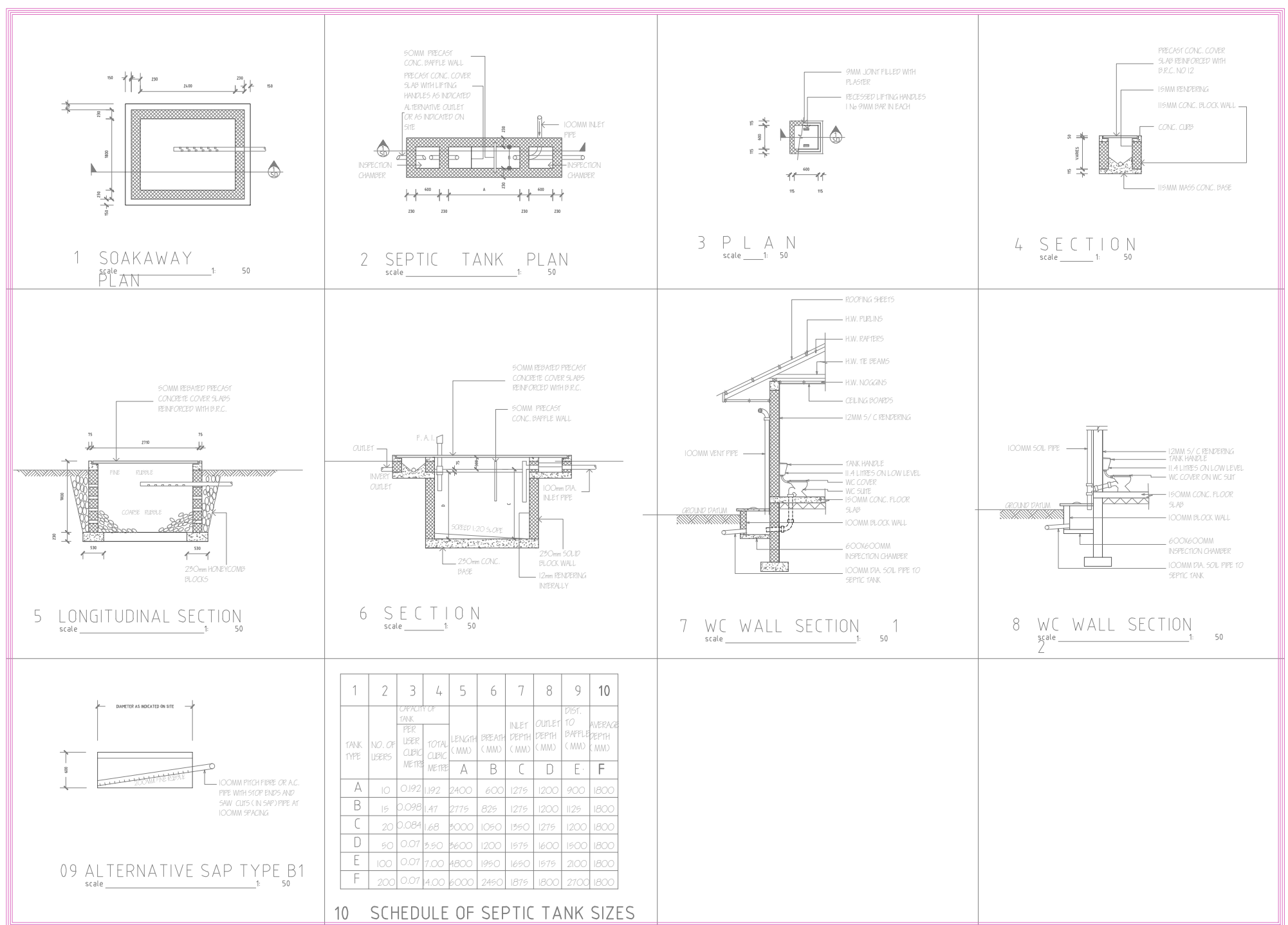
DWG. NO	SHEET. NO
001	30

DRAWING TITLE	REV. SUFFIX
OFFICES	SCALE
	50,1:100,250,500

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TANK TYPE	NO. OF USERS	CAPACITY OF TANK PER USER CUBIC METRE	TOTAL CUBIC METRE	LENGTH (MM)		BREATH DEPTH (MM)	INLET DEPTH (MM)	OUTLET DEPTH (MM)	DIST. TO BAFFLE DEPTH (MM)	AVERAGE DEPTH (MM)
				A	B					
A	10	0.192	1.92	2400	600	1275	1200	900	1800	
B	15	0.098	1.47	2775	825	1275	1200	1125	1800	
C	20	0.084	1.68	3000	1050	1275	1200	1800		
D	50	0.07	3.50	3600	1200	1575	1600	1900	1800	
E	100	0.07	7.00	4800	1950	1650	1575	2100	1800	
F	200	0.07	14.00	6000	2450	1875	1800	2700	1800	

DETAILS

THREE BEDROOM BUNGALOW



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& ENVIRONMENTAL MANAGEMENT * CONSULTANTS

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3D APPROACH VIEW

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SCALE	
	50,1:100,250,500

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3D SOUTH WEST VIEW

notes

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DRAWING TITLE	REV. SUFFIX
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SCALE	
	50,1:100,250,500

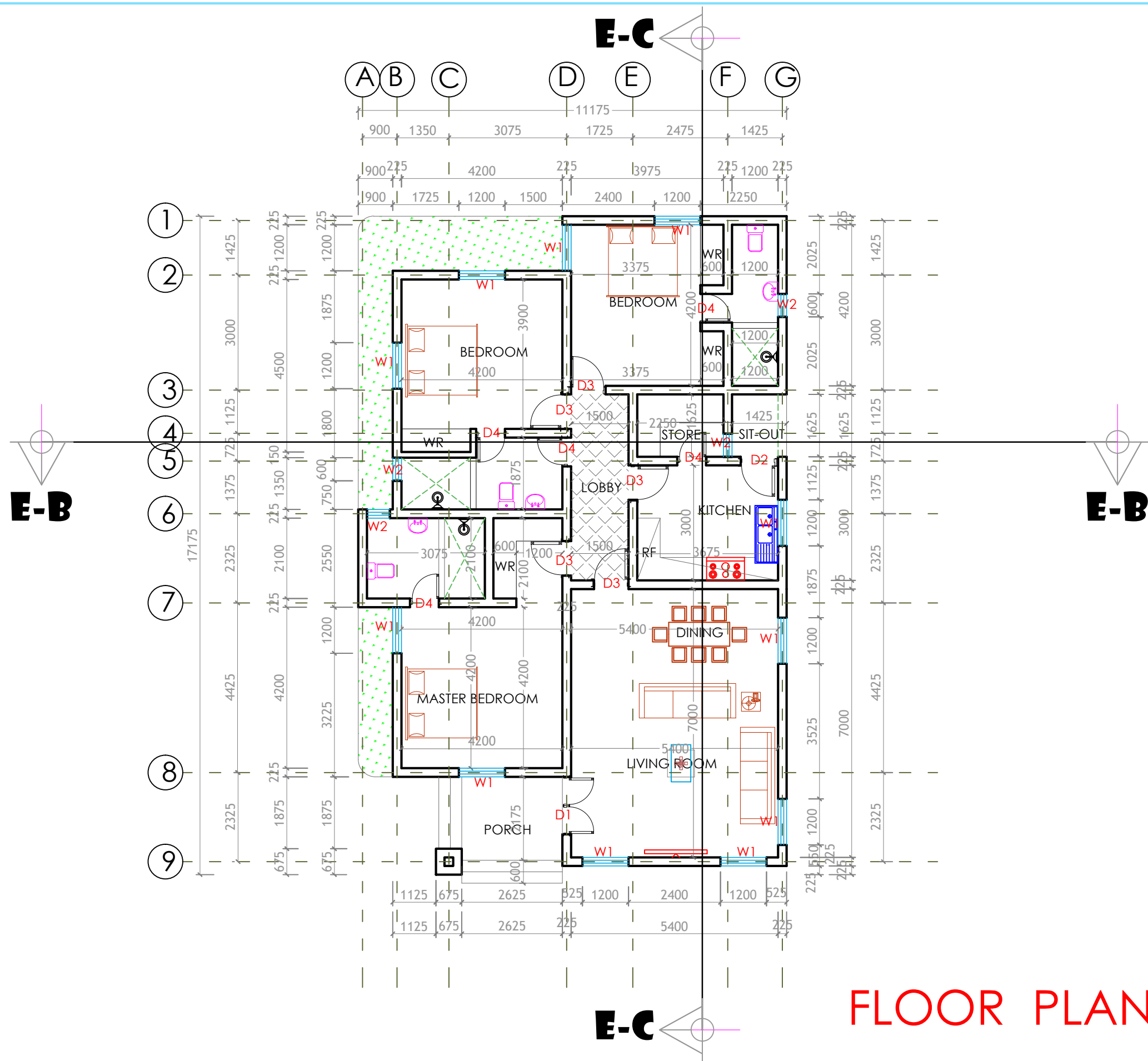
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FLOOR PLAN

notes

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DWG. NO	SHEET. NO
001	34

DRAWING TITLE
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SCALE
 50,1:100,250,500

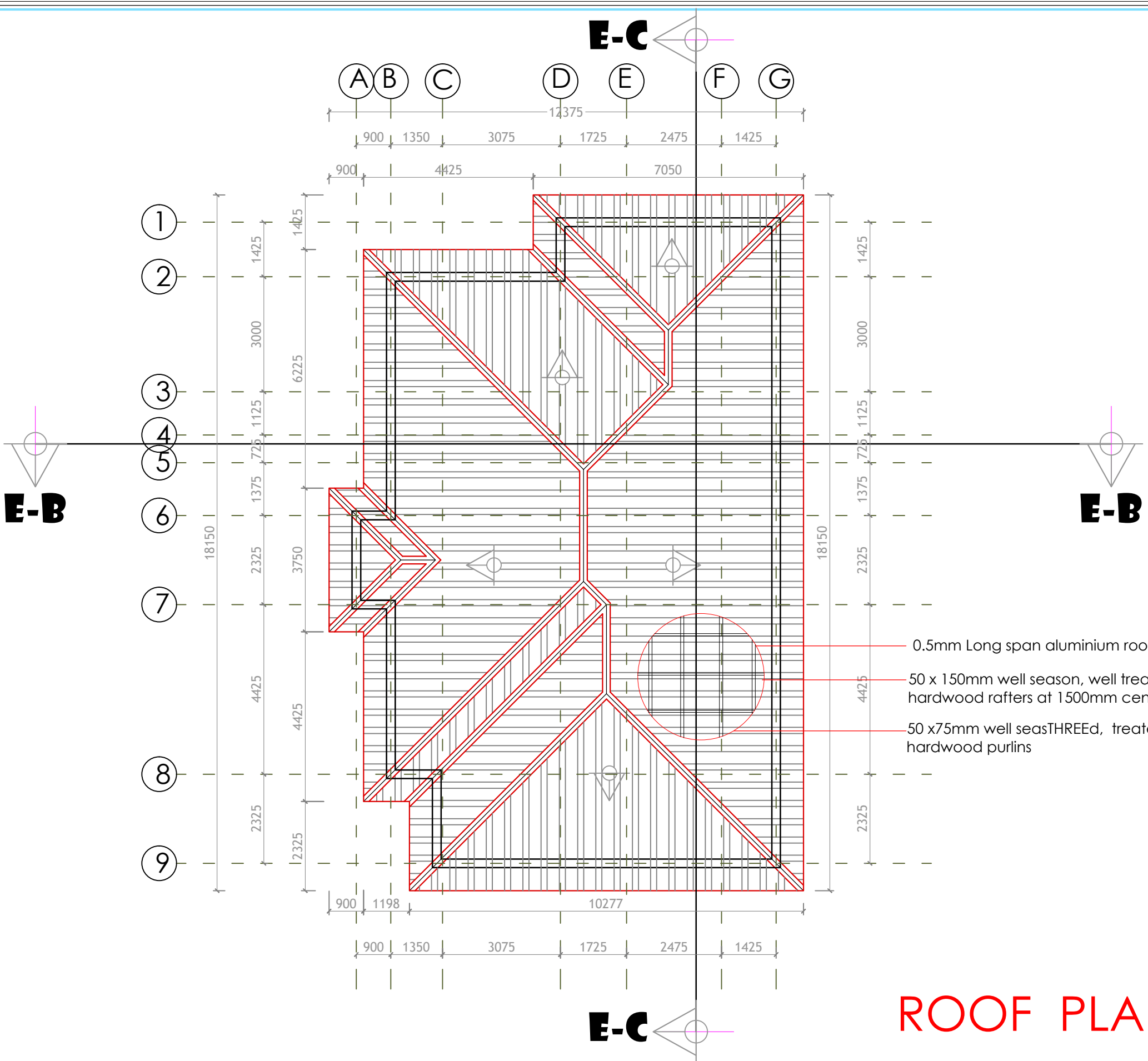
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ROOF PLAN

notes

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DRAWING TITLE
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REV. SUFFIX

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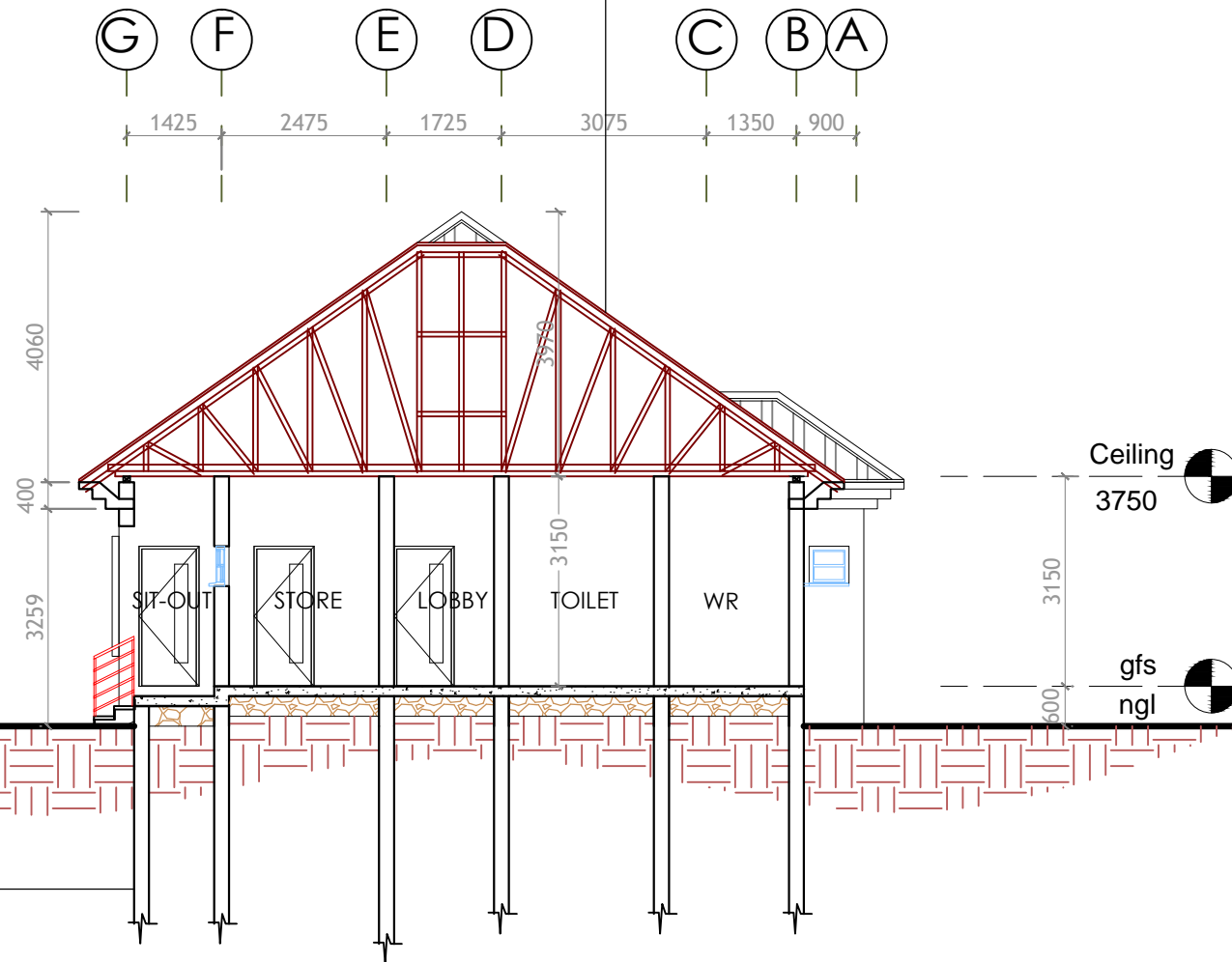
Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

- 0.5mm Long span aluminium roofing sheet
- 50 x 150mm well season, well treated hardwood rafters at 1500mm centres
- 50 x75mm well seasTHREEd, treated hardwood purlins

ROOF DETAILS

- 50 x 75mm well seasoned, treated hardwood purlins
- acrylic silica coated sand finish roof tiles
- 50 x 150mm well seasoned, well treated hardwood rafters at 1500mm centres
- 50x150mm Well seasoned, well treated hardwood roof struts
- 50 x 150mm well seasoned, well treated hardwood tie - beams at 1500mm centres
- 75 x 100mm well seasoned, well treated hardwood wall plates
- 50 x 50mm well seasoned, well treated hardwood ceiling noggings at 600mm centres



FOUNDATION DETAILS
To structural Engineer's Details

notes

1. drawings are not to be scaled
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3. dimensions are taken to lines and structural surfaces not to finished surfaces.
4. any discrepancies between the drawing and other specifications, should be brought to the attention of the architect who alTHREE can decide on the final instruction.
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item	description	initials	date
revisions			

JOB TITLE
PROPOSED INDUSTRIAL PARK
@
NO. 71 OGUI ROAD,
ENUGU NORTH L. G. AREA,
ENUGU STATE.
FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	36

DRAWING TITLE	REV. SUFFIX
THREE BEDROOM BUNGALOW	
SCALE	
50,1:100,250,500	

Prime consultants:
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landscape.project managers

NO. 4 John Igwesi Street, Meniru
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Enugu State.
08037363492

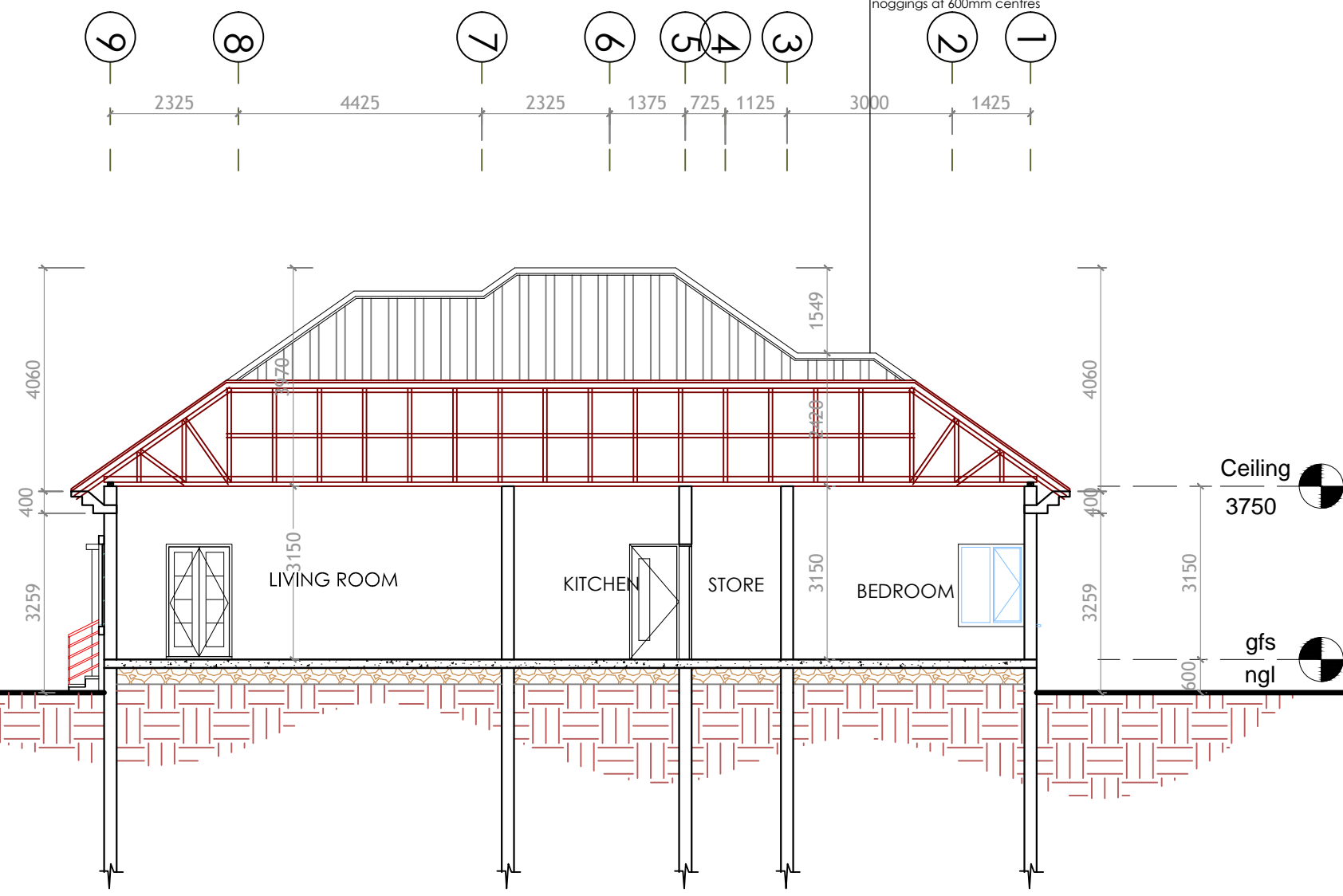
Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

SECTION E - B

ROOF DETAILS

50 x 75mm well seasoned, treated hardwood purlins
 acrylic silica coated sand finish roof tiles
 50 x 150mm well seasoned, well treated hardwood rafters at 1500mm centres
 50x150mm Well seasoned, well treated hardwood roof struts
 50 x 150mm well seasoned, well treated hardwood tie - beams at 1500mm centres
 75 x 100mm well seasoned, well treated hardwood wall plates
 50 x 50mm well seasoned, well treated hardwood ceiling noggings at 600mm centres



FOUNDATION DETAILS
 To structural Engineer's Details

SECTION E - C

notes

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DWG. NO	SHEET. NO
001	37

DRAWING TITLE
THREE BEDROOM BUNGALOW

REV. SUFFIX

SCALE
 50,1:100,250,500

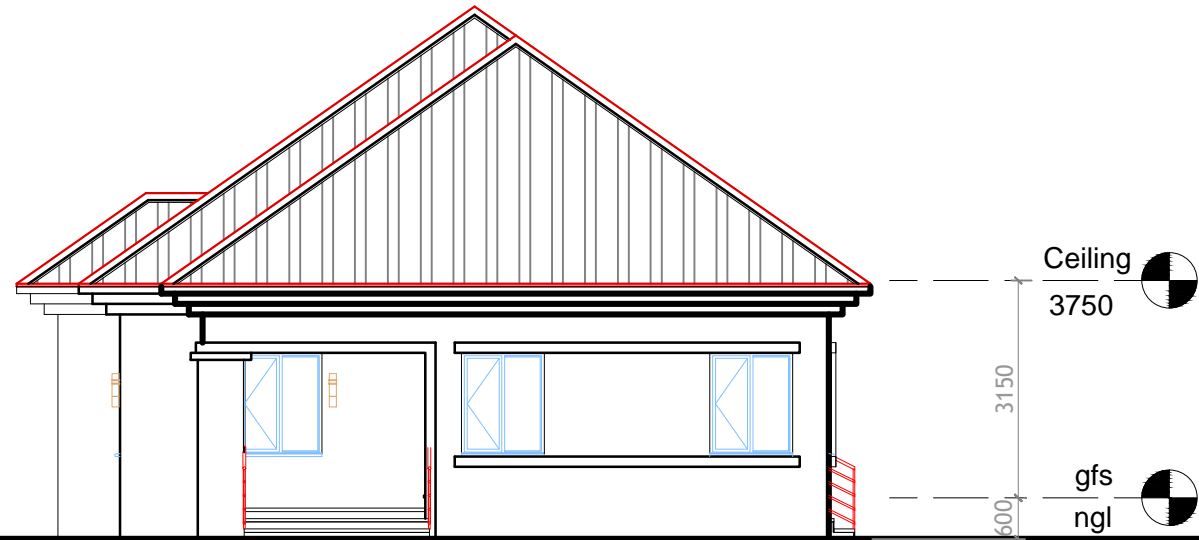
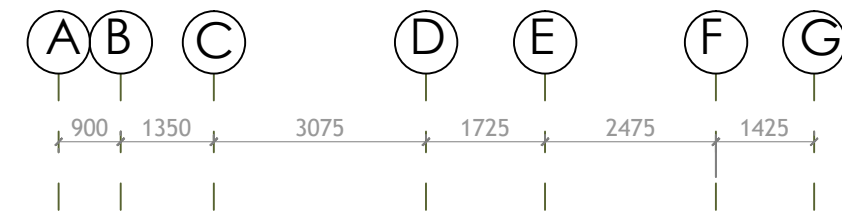
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Ceiling
3750

3150
600

gfs
ngl

notes

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001	38

DRAWING TITLE
THREE BEDROOM BUNGALOW

REV. SUFFIX

SCALE
50,1:100,250,500

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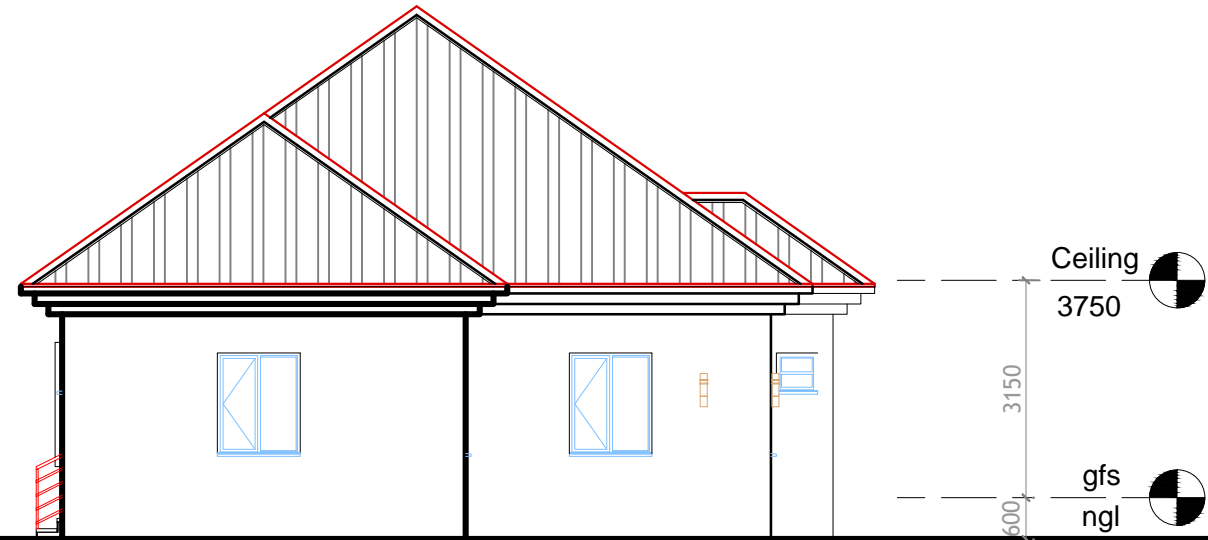
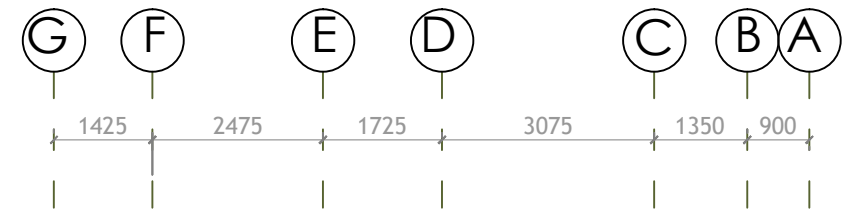
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SOUTH ELEVATION



NORTH ELEVATION

notes

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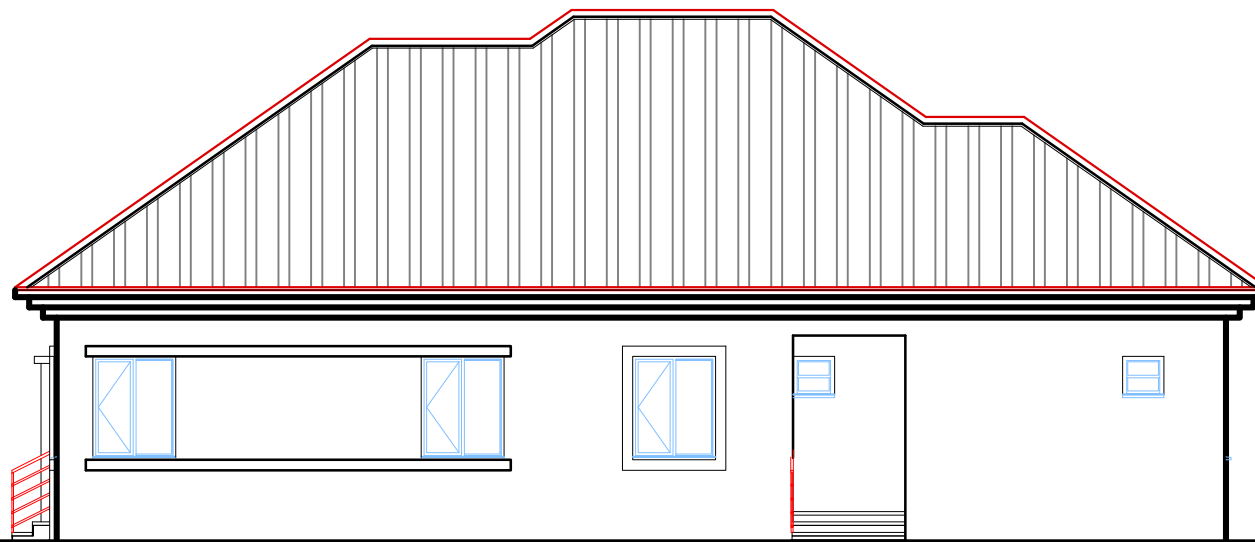
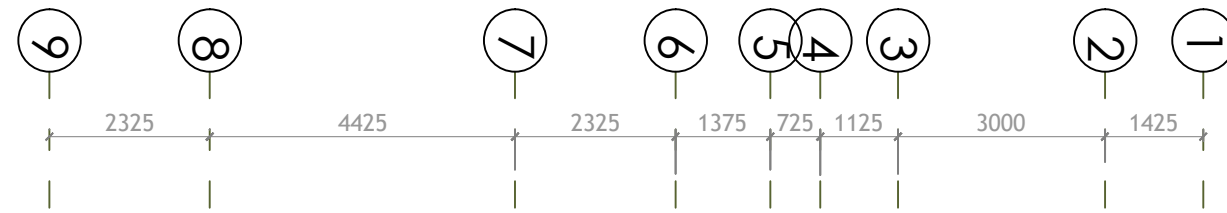
DWG. NO	SHEET. NO
001	39

DRAWING TITLE	REV. SUFFIX
THREE BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

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Ceiling
3750

3150

gfs
ngl

EAST ELEVATION

notes

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DWG. NO	SHEET. NO
001	40

DRAWING TITLE
THREE BEDROOM BUNGALOW

REV. SUFFIX

SCALE
 50,1:100,250,500

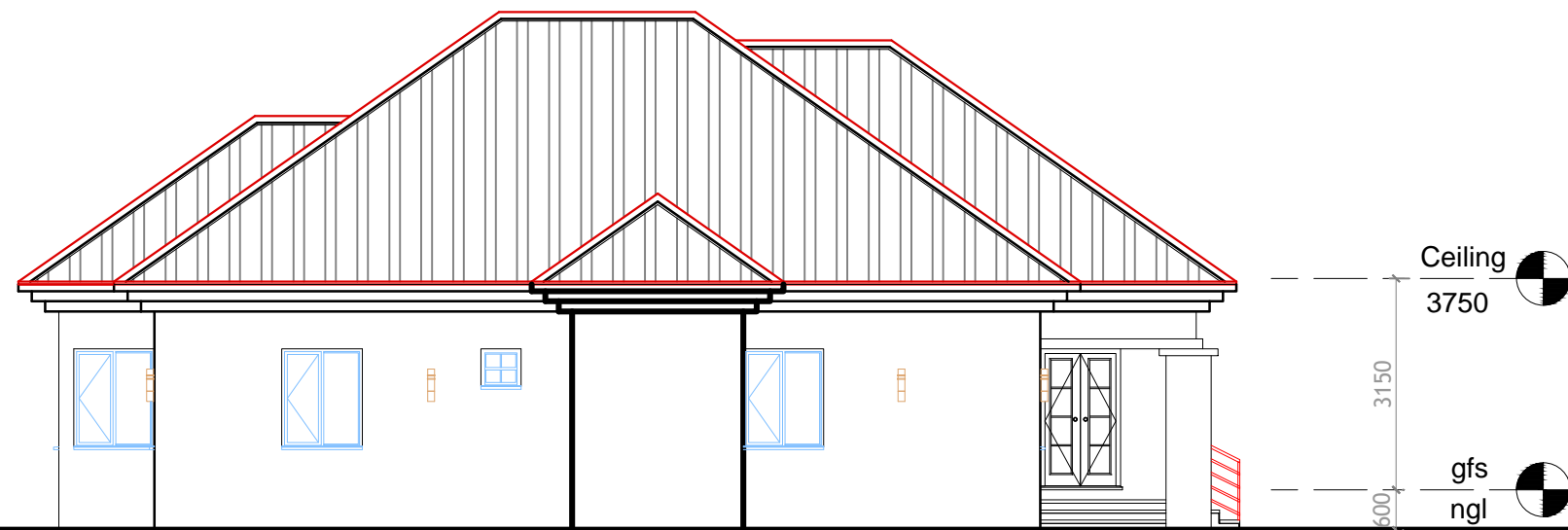
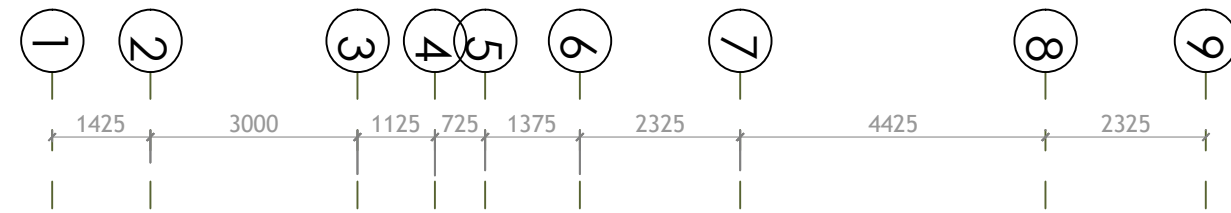
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WEST ELEVATION

notes

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DWG. NO	SHEET. NO
001	41

DRAWING TITLE
THREE BEDROOM BUNGALOW

REV. SUFFIX

SCALE
 50,1:100,250,500

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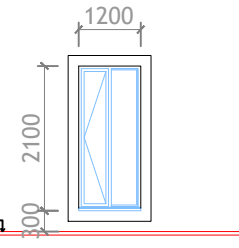
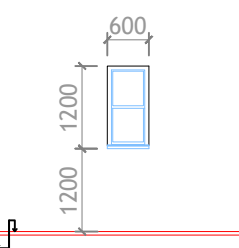
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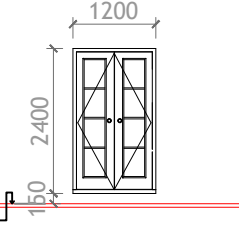
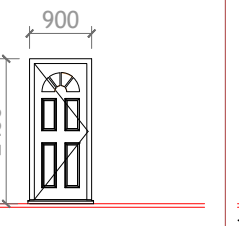
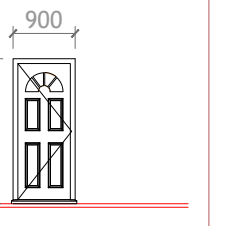
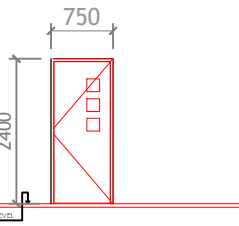
Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

WINDOW SCHEDULE

WINDOW TYPE	W1	WINDOW TYPE	W2
			
WINDOW NO.	(W1)	WINDOW NO.	(W2)
WINDOW DESCRIPTION	1200mm X 2100mm ANODIZED ALUMINIUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS	WINDOW DESCRIPTION	600mm X 1200mm ANODIZED ALUMINIUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS
FRAME	ANODIZED CREAM - COATED 50MM X 50MM ALUMINIUM FRAMES	FRAME	ANODIZED CREAM - COATED 50MM X 50MM ALUMINIUM FRAMES
SUB-FRAME	40MM X 25MM HOLLOW SECTION M5 DETAIL	SUB-FRAME	40MM X 25MM HOLLOW SECTION M5 DETAIL
GLASS	5MM BLUE TINTED GLASS	GLASS	5MM BLUE TINTED GLASS
LOCATION	LIVING ROOM, DINING, KITCHEN, BEDROOM	LOCATION	TOILET
QUANTITY	GROUND FLOOR: 11 nos.	QUANTITY	GROUND FLOOR: 04 nos.
	TOTAL NO.: 11 nos.		TOTAL NO.: 04 nos.

DOOR SCHEDULE

DOOR TYPE	D1	DOOR TYPE	D2	DOOR TYPE	D3	DOOR TYPE	D4
							
DOOR NO.	(D1)	(D2)	(D3)			(D4)	
DOOR DESCRIPTION	1200mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	DOOR DESCRIPTION	900mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	DOOR DESCRIPTION	900mm X 2400mm WOODEN DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	DOOR DESCRIPTION	750mm X 2400mm WOODEN DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS
FRAME	50MM X275MM H/W LAMINATED FRAME / DESIGNED ARCH-TRAVES	FRAME	50MM X275MM H/W LAMINATED FRAME / DESIGNED ARCH-TRAVES	FRAME	50MM X275MM H/W LAMINATED FRAME / DESIGNED ARCH-TRAVES	FRAME	50MM X275MM H/W LAMINATED FRAME / DESIGNED ARCH-TRAVES
SUB-FRAME	SUB-FRAME 25MM X 225MM H/W TREATED TIMBER FRAME	SUB-FRAME	SUB-FRAME 25MM X 225MM H/W TREATED TIMBER FRAME	SUB-FRAME	SUB-FRAME 25MM X 225MM H/W TREATED TIMBER FRAME	SUB-FRAME	SUB-FRAME 25MM X 225MM H/W TREATED TIMBER FRAME
LOCATION	LIVING ROOM/ DINING	LOCATION	KITCHEN	LOCATION	BEDROOM	LOCATION	TOILETS
QUANTITY	GROUND FLOOR: 01 no.	QUANTITY	GROUND FLOOR: 01 no.	QUANTITY	GROUND FLOOR: 05 no.	QUANTITY	GROUND FLOOR: 05 no.
	TOTAL NO.: 01 no.		TOTAL NO.: 01 no.		TOTAL NO.: 05 no.		TOTAL NO.: 05 no.

WINDOW & DOOR SCHEDULE

notes

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	revisions		

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GROW AFRICA NIGERIA LTD.

DWG. NO	001	SHEET. NO	42
DRAWING TITLE		REV. SUFFIX	
THREE BEDROOM BUNGALOW			
		SCALE	
		50,1:100,250,500	

Prime consultants:
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Architectural Stamp/Seal

design /drafted	checked	date
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DWG. NO	SHEET. NO
001	44

DRAWING TITLE
THREE BEDROOM BUNGALOW

REV. SUFFIX

SCALE
 50,1:100,250,500

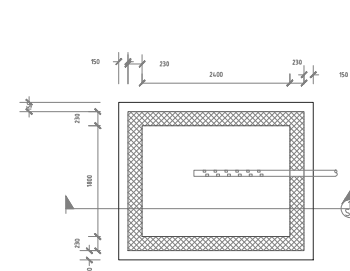
Prime consultants:
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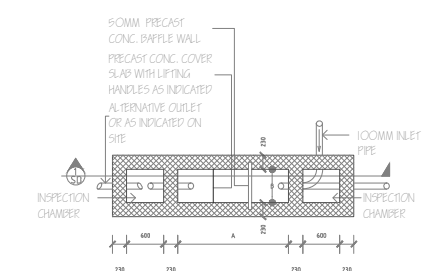
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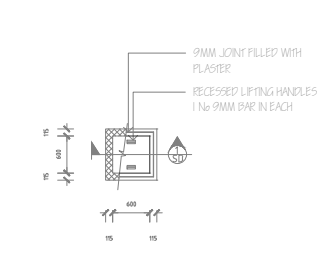
design/drafted	checked	date
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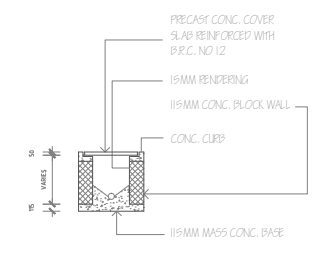
1 SOAKAWAY PLAN
scale 1:50



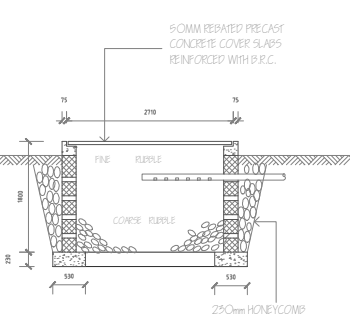
2 SEPTIC TANK PLAN
scale 1:50



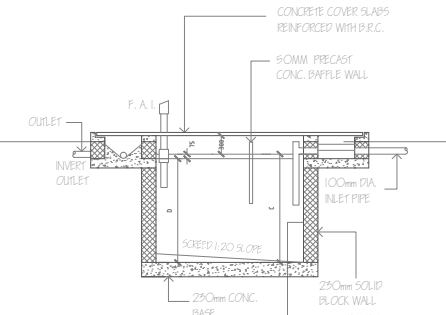
3 PLAN
scale 1:50



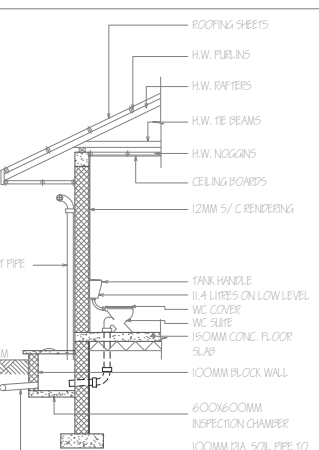
4 SECTION
scale 1:50



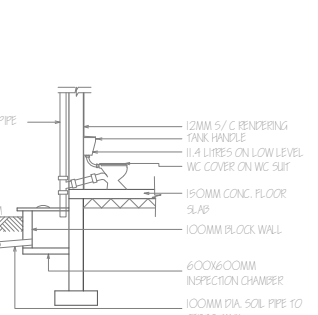
5 LONGITUDINAL SECTION
scale 1:50



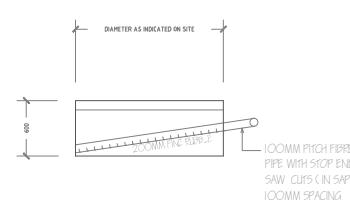
6 SECTION
scale 1:50



7 WC WALL SECTION 1
scale 1:50



8 WC WALL SECTION 2
scale 1:50



09 ALTERNATIVE SAP TYPE B1
scale 1:50

1	2	3	4	5	6	7	8	9	10
TANK TYPE	NO. OF USERS	CAPACITY OF TANK PER USER CUBIC METRE	TOTAL CUBIC METRE	LENGTH (MM)	BREATH DEPTH (MM)	INLET DEPTH (MM)	OUTLET DEPTH (MM)	DIST. TO BAFFLE DEPTH (MM)	AVERAGE DEPTH (MM)
				A	B	C	D	E	F
A	10	0.192	1.92	2400	600	1275	1200	900	1800
B	15	0.098	1.47	2775	825	1275	1200	1125	1800
C	20	0.084	1.68	3000	1050	1350	1275	1200	1800
D	30	0.07	2.10	2600	1200	1575	1600	1500	1800
E	100	0.07	7.00	4800	1950	1650	1575	2100	1800
F	200	0.07	14.00	6000	2450	1875	1800	2700	1800

10 SCHEDULE OF SEPTIC TANK SIZES

DETAILS



ONE BEDROOM BUNGALOW



De Dof Systems Ltd.

*ARCHITECTURE *ENGINEERING * PROPERTY DEVELOPEMENT
& ENVIRONMENTAL MANAGEMENT * CONSULTANTS

No. 47/ 7 Sir Vincent Eze Avenue, Phase 6, Transekulu,
Enugu.
08037363492



3D APPROACH VIEW

notes

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DWG. NO	SHEET. NO
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DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

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design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023



3D SOUTH EAST VIEW

notes

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DWG. NO	SHEET. NO
001	47

DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

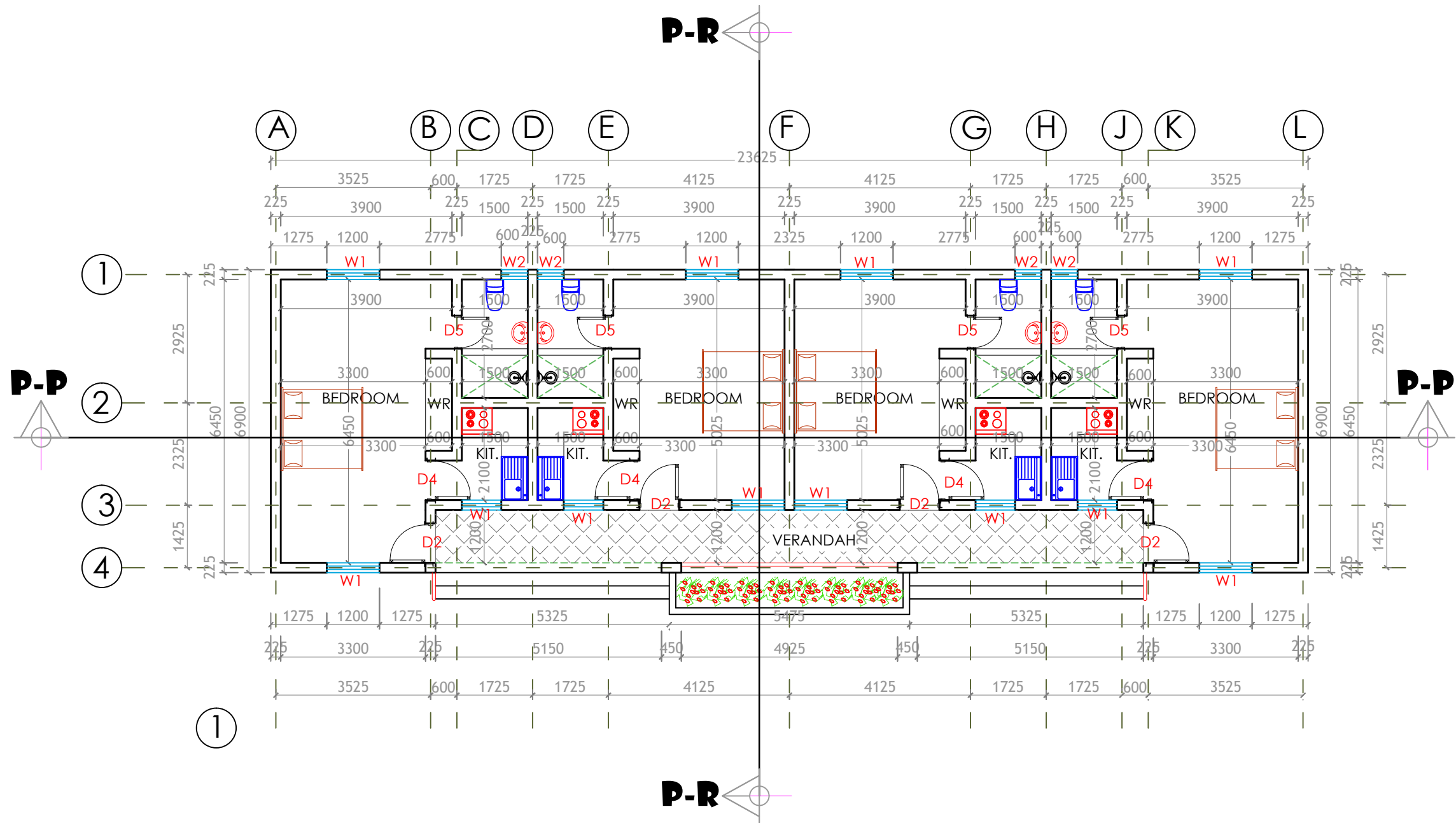
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FLOOR PLAN

notes

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DWG. NO	SHEET. NO
001	48

DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	
SCALE	
50,1:100,250,500	

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0.5mm Long span aluminium roofing sheet

50 x 150mm well season, well treated hardwood rafters at 1500mm centres

50 x75mm well seasoned, treated hardwood purlins

notes

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revisions			

JOB TITLE
PROPOSED INDUSTRIAL PARK
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 NO. 71 OGUI ROAD,
 ENUGU NORTH L. G. AREA,
 ENUGU STATE.
 FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	49

DRAWING TITLE
ONE BEDROOM BUNGALOW

REV. SUFFIX

SCALE
 50,1:100,250,500

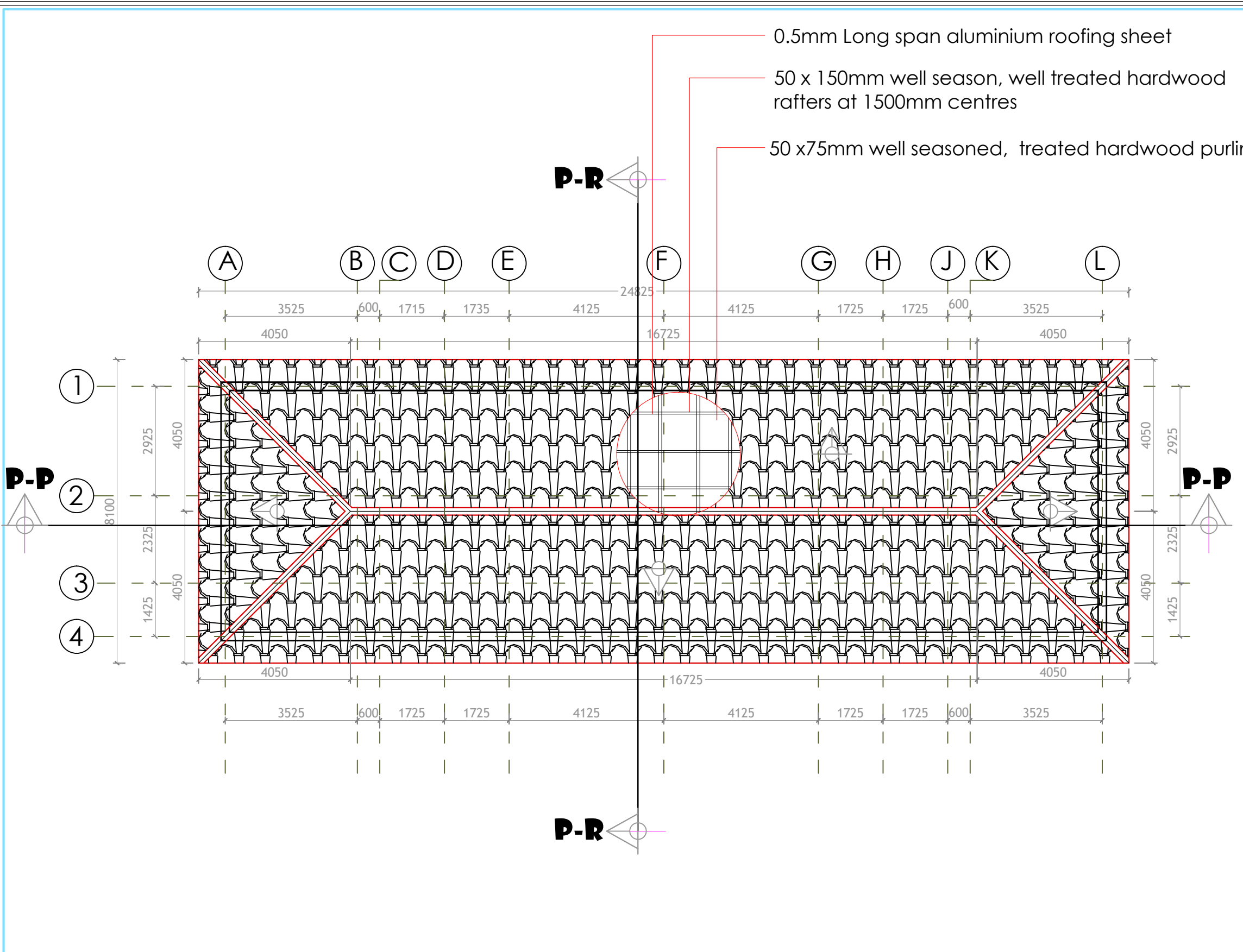
Prime consultants:
DE- DOF SYSTEMS LIMITED

architecture.planning.engineering
 landscape.project managers

NO. 4 John Igwesi Street, Meniru
 Awkananaw Enugu
 Enugu State.
 08037363492

Architectural Stamp/Seal

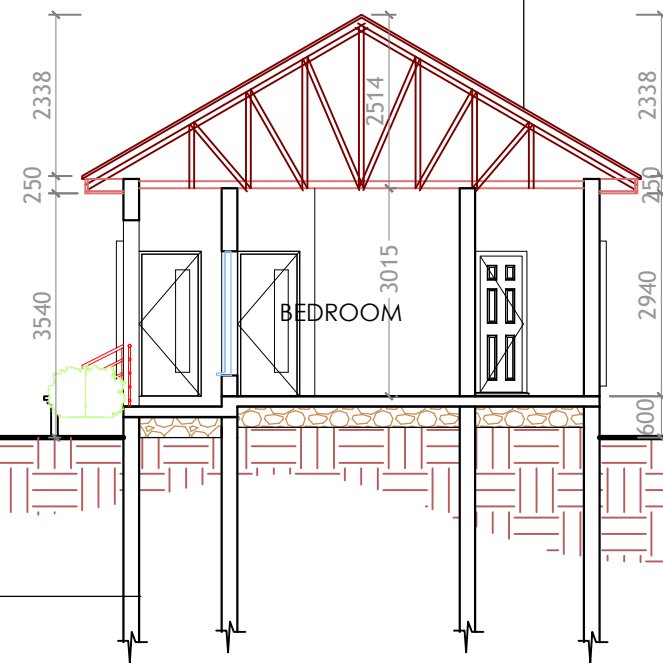
design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023



ROOF PLAN

ROOF DETAILS

- 50 x75mm well seasoned, treated hardwood purlins
acrylic silica coated sand finish roof tiles
- 50 x 150mm well season, well treated hardwood rafters at
1500mm centres
- 50x150mm Well season, well treated hardwood roof struts
- 50 x 150mm well season, well treated hardwood tie - beams
at 1500mm centres
- 75 x 100mm well season, well treated hardwood wall plates
- 50 x 50mm well season, well treated hardwood ceiling
noggings at 600mm centres



FOUNDATION DETAILS
To structural Engineer's Details

SECTION P- R

notes

1. drawings are not to be scaled
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DWG. NO	SHEET. NO
001	50

DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

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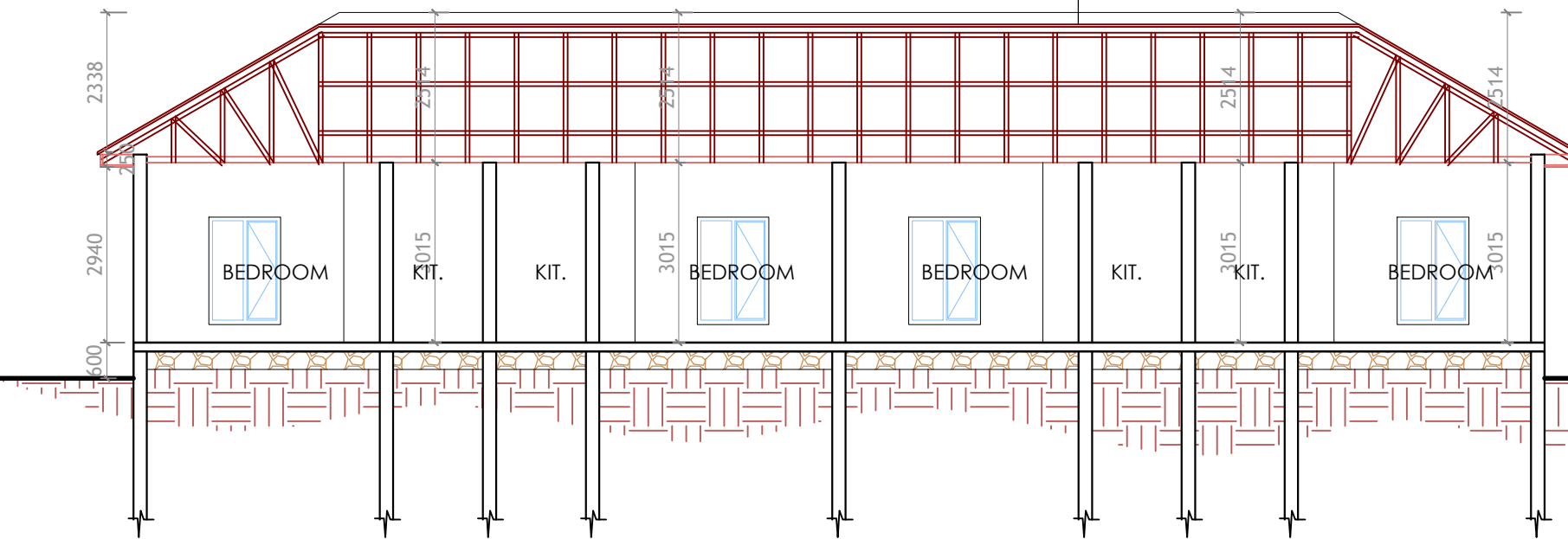
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Enugu State.
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Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

ROOF DETAILS

- 50 x75mm well seasoned, treated hardwood purlins
- acrylic silica coated sand finish roof tiles
- 50 x 150mm well season, well treated hardwood rafters at 1500mm centres
- 50x150mm Well season, well treated hardwood roof struts
- 50 x 150mm well season, well treated hardwood tie - beams at 1500mm centres
- 75 x 100mm well season, well treated hardwood wall plates
- 50 x 50mm well season, well treated hardwood ceiling noggings at 600mm centres



FOUNDATION DETAILS

To structural Engineer's Details

SECTION P-P

notes

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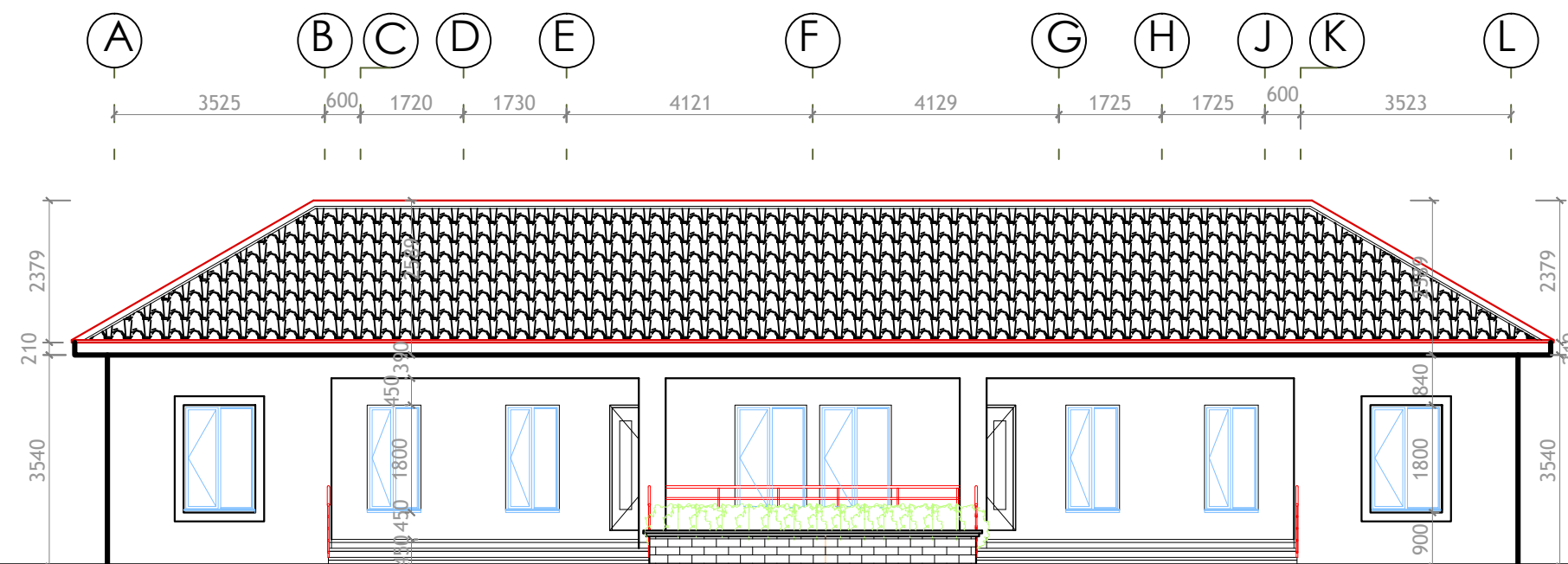
DWG. NO	SHEET. NO
001	51

DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

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design /drafted	checked	date
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SOUTH ELEVATION

notes

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revisions			

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DWG. NO	SHEET. NO
001	52

DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

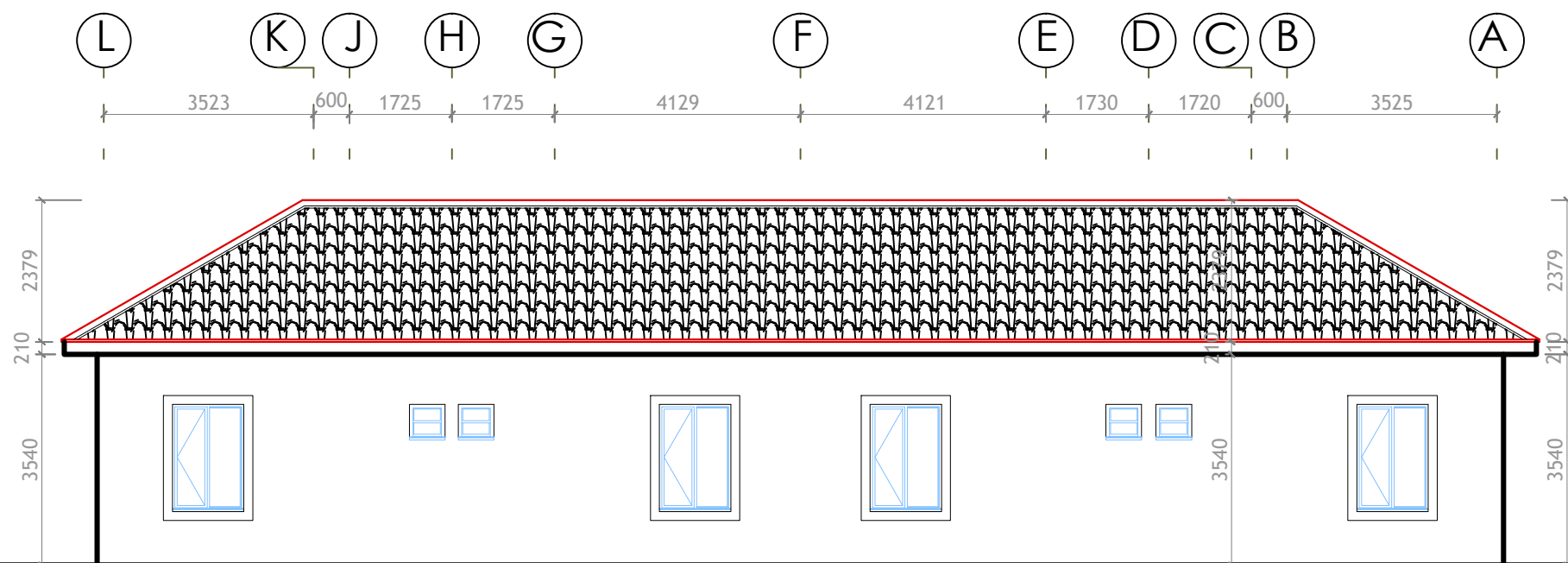
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 Enugu State.
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Architectural Stamp/Seal

design /drafted	checked	date
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NORTH ELEVATION

notes

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revisions			

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DWG. NO	SHEET. NO
001	53

DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	
SCALE	
50,1:100,250,500	

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Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

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DWG. NO	SHEET. NO
001	54

DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

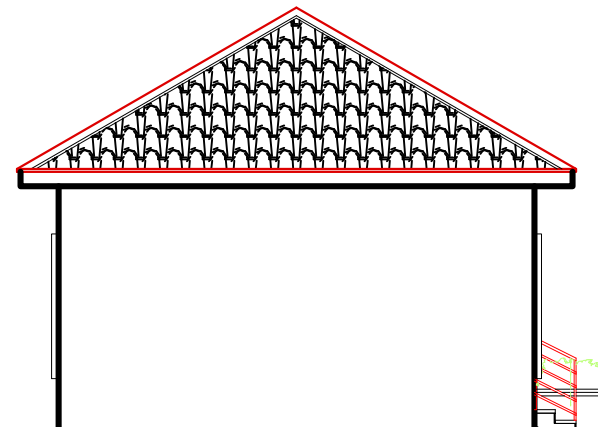
Prime consultants:
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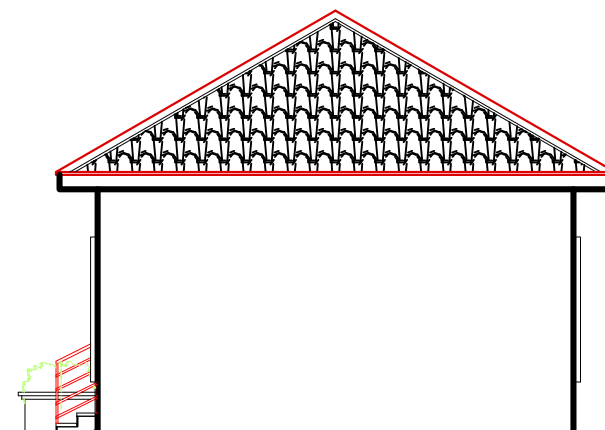
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Architectural Stamp/Seal

design /drafted	checked	date
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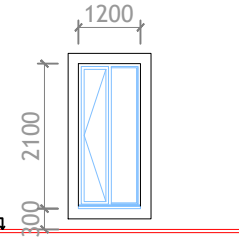
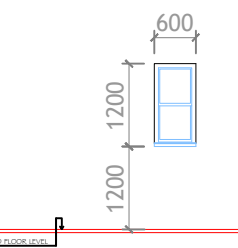


WEST ELEVATION

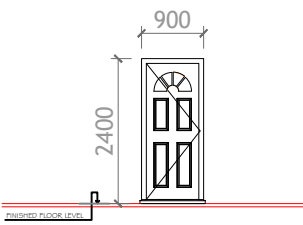
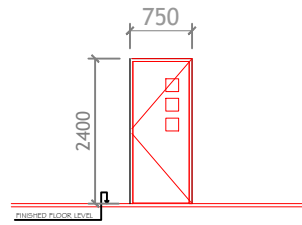


EAST ELEVATION

WINDOW SCHEDULE

WINDOW TYPE	W1	WINDOW TYPE	W2
			
WINDOW NO.	(W1)	WINDOW NO.	(W2)
WINDOW DESCRIPTION	1200mm X 2100mm ANODIZED ALUMINIUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS	WINDOW DESCRIPTION	600mm X 1200mm ANODIZED ALUMINIUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS
FRAME	ANODIZED CREAM - COATED 50MM X 50MM ALUMINIUM FRAMES	FRAME	ANODIZED CREAM - COATED 50MM X 50MM ALUMINIUM FRAMES
SUB-FRAME	40MM X 25MM HOLLOW SECTION M5 DETAIL	SUB-FRAME	40MM X 25MM HOLLOW SECTION M5 DETAIL
GLASS	5MM BLUE TINTED GLASS	GLASS	5MM BLUE TINTED GLASS
LOCATION	BEDROOM, KITCHEN	LOCATION	TOILET
QUANTITY	GROUND FLOOR: 12nos.	QUANTITY	GROUND FLOOR: 04nos.
	TOTAL NO.: 12nos.		TOTAL NO.: 04nos.

DOOR SCHEDULE

DOOR TYPE	D2	DOOR TYPE	D4
			
	(D2)		(D4)
DOOR DESCRIPTION	900mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	DOOR DESCRIPTION	750mm X 2400mm WOODEN DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS
FRAME	50MM X 275MM H/W LAMINATED FRAME / DESIGNED ARCH-TRAVES	FRAME	50MM X 275MM H/W LAMINATED FRAME / DESIGNED ARCH-TRAVES
SUB-FRAME	SUB-FRAME 25MM X 225MM H/W TREATED TIMBER FRAME	SUB-FRAME	SUB-FRAME 25MM X 225MM H/W TREATED TIMBER FRAME
LOCATION	BEDROOM	LOCATION	TOILETS
QUANTITY	GROUND FLOOR: 04no.	QUANTITY	GROUND FLOOR: 08no.
	TOTAL NO.: 04no.		TOTAL NO.: 08no.

WINDOW & DOOR SCHEDULE

notes

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item	description	initials	date
	revisions		

JOB TITLE
PROPOSED INDUSTRIAL PARK
 @
 NO. 71 OGUI ROAD,
 ENUGU NORTH L. G. AREA,
 ENUGU STATE.
FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	001	SHEET. NO	55
DRAWING TITLE		REV. SUFFIX	SCALE
ONE BEDROOM BUNGALOW			50,1:100,250,500

Prime consultants:
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 landscape.project managers
 NO. 4 John Igwesi Street, Meniru
 Awkananaw Enugu
 Enugu State.
 08037363492

Architectural Stamp/Seal

design/drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

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ENUGU STATE.
FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	56

DRAWING TITLE	REV. SUFFIX
ONE BEDROOM BUNGALOW	SCALE
	50,1:100,250,500

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Enugu State.
08037363492

Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

space	floor										walls										skirting										ceiling										remarks		
	granite tiles	red cement screed	sandcrete screed	terrazzo	decorative conc.overlay	porcelain tiles	ceramic tile	pvc tiles	vertrified tiles	marble	wall paper	textcote	emulsion paint	brick facing	ceramic tiles	timber panel	gloss paint	sandtext finebuild	mosaic tiles	marble	granite tiles	vertrified tiles	ceramic tiles	marble	porcelain tiles	decorative conc.overlay	wood strips	marble	wood strips	wood strips	aluminium / metal pan	plaster of paris	ceiling paper	cement screed	pvc strips	celotex	mineral fibre	gypsum board					
1 Lounge	<input type="checkbox"/>											<input type="checkbox"/>									<input type="checkbox"/>																						
2 dining	<input type="checkbox"/>											<input type="checkbox"/>									<input type="checkbox"/>																						
3 kitchen						<input type="checkbox"/>						<input type="checkbox"/>		<input type="checkbox"/>																													
4 bedrooms						<input type="checkbox"/>				<input type="checkbox"/>		<input type="checkbox"/>													<input type="checkbox"/>																		
6 corridor / lobby						<input type="checkbox"/>						<input type="checkbox"/>																															
7 toilet						<input type="checkbox"/>						<input type="checkbox"/>		<input type="checkbox"/>																													
8 sit out						<input type="checkbox"/>						<input type="checkbox"/>													<input type="checkbox"/>																		
10 entrance porch	<input type="checkbox"/>											<input type="checkbox"/>																															
11 storage						<input type="checkbox"/>						<input type="checkbox"/>																															

notes
 emulsion paint to be used on external walls.
 internal walls to be screed with INTER PUTTY STANDARD (wall smoothing material)before application of paint
 external walls to be screed with INTER PUTTY GOLD (wall smoothing material)before application of paint

FINISHES SCHEDULE

notes

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DWG. NO	SHEET. NO
001	57

DRAWING TITLE
ONE BEDROOM BUNGALOW

REV. SUFFIX

SCALE
 50,1:100,250,500

Prime consultants:
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Architectural Stamp/Seal

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1 SOAKAWAY
scale 1:50

2 SEPTIC TANK PLAN
scale 1:50

3 PLAN
scale 1:50

4 SECTION
scale 1:50

5 LONGITUDINAL SECTION
scale 1:50

6 SECTION
scale 1:50

7 WC WALL SECTION 1
scale 1:50

8 WC WALL SECTION 2
scale 1:50

09 ALTERNATIVE SAP TYPE B1
scale 1:50

1	2	3	4	5	6	7	8	9	10
TANK TYPE	NO. OF USERS	CAPACITY OF TANK PER USER CLERIC METRE	TOTAL CLERIC METRE	LENGTH (MM)	BREATH (MM)	INLET DEPTH (MM)	OUTLET DEPTH (MM)	DIST. TO BAFFLE (MM)	AVERAGE DEPTH (MM)
				A	B	C	D	E	F
A	10	0.192	1.92	2400	600	1275	1200	900	1800
B	15	0.098	1.47	2775	825	1275	1200	1125	1800
C	20	0.084	1.68	3000	1050	1575	1200	1500	1800
D	50	0.07	5.50	3600	1200	1575	1600	1500	1800
E	100	0.07	7.00	4800	1950	1650	1575	2100	1800
F	200	0.07	14.00	6000	2450	1875	1800	2700	1800

10 SCHEDULE OF SEPTIC TANK SIZES

DETAILS



2 BEDROOM BUNGALOW



De Dof Systems Ltd.

*ARCHITECTURE *ENGINEERING * PROPERTY DEVELOPEMENT
& ENVIRONMENTAL MANAGEMENT * CONSULTANTS

No. 47/ 7 Sir Vincent Eze Avenue, Phase 6, Transekulu,
Enugu.
08037363492



3D APPROACH VIEW

notes

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DWG. NO	SHEET. NO
001	59

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	SCALE
	50,1:100,250,500

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design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023



3D SOUTH WEST VIEW

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001	60

DRAWING TITLE	REV. SUFFIX
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SCALE	
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revisions			

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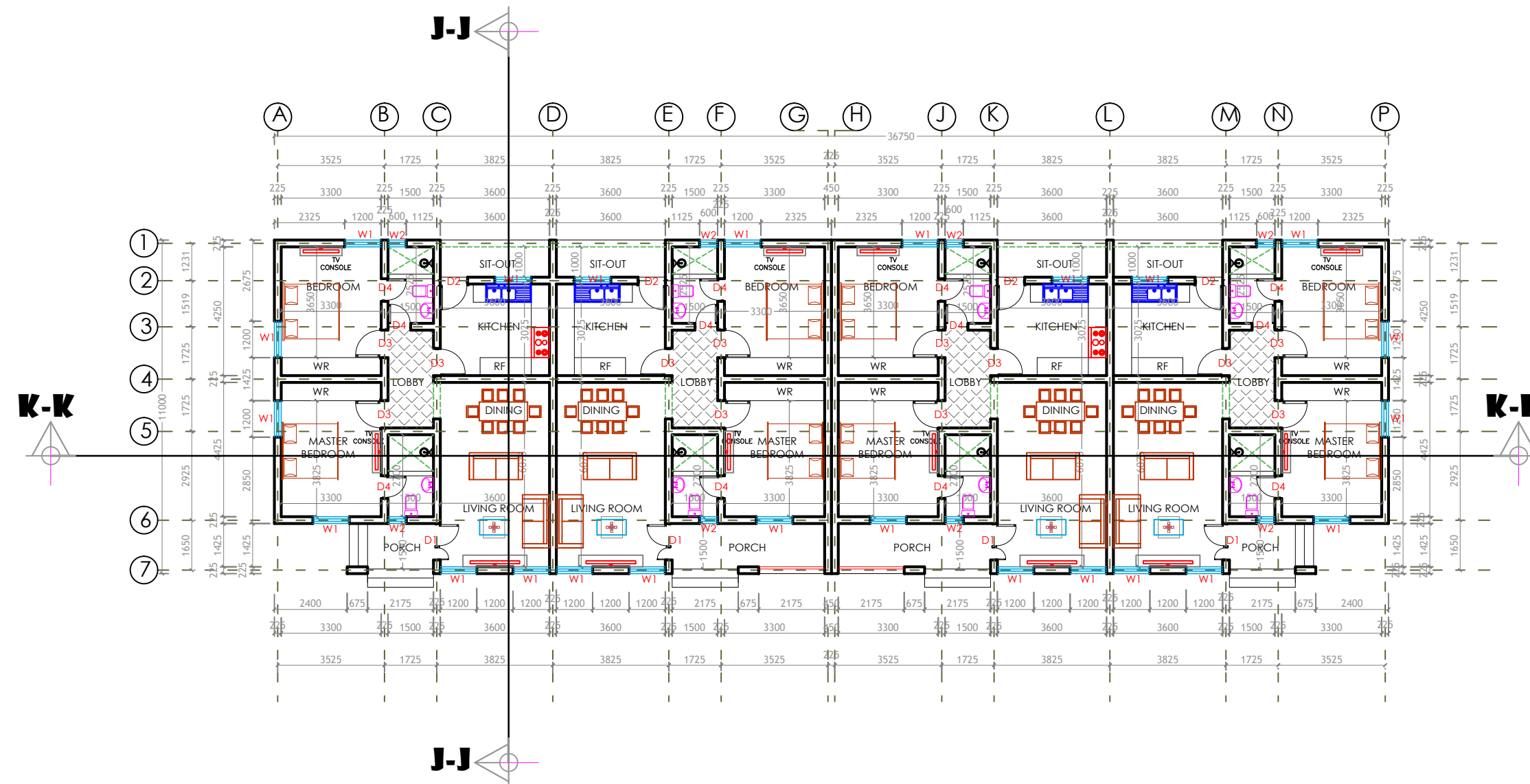
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001	61

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	SCALE 50,1:100,250,500

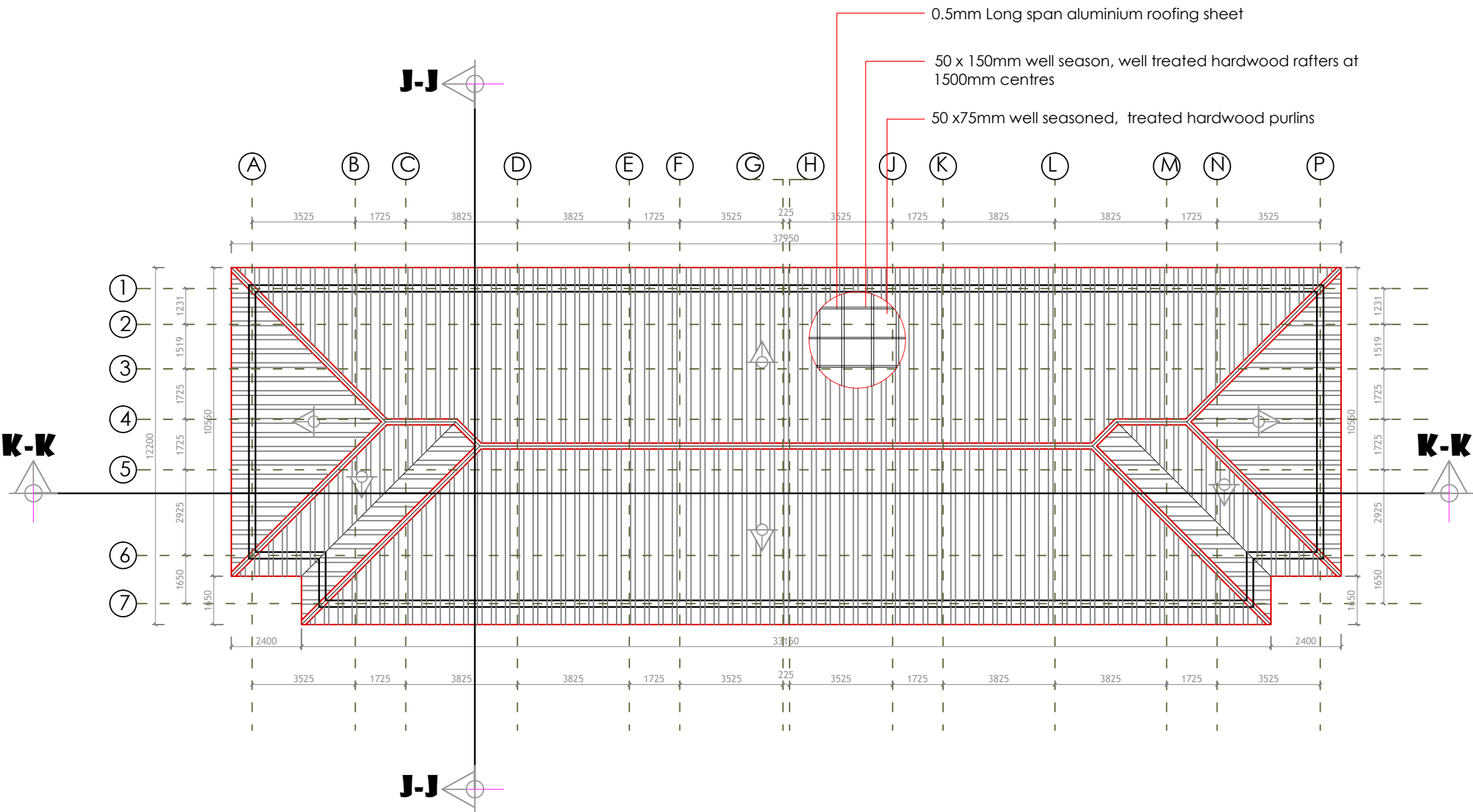
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Architectural Stamp/Seal

design/drafted	checked	date
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FLOOR PLAN



ROOF PLAN

notes

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DWG. NO	SHEET. NO
001	62

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

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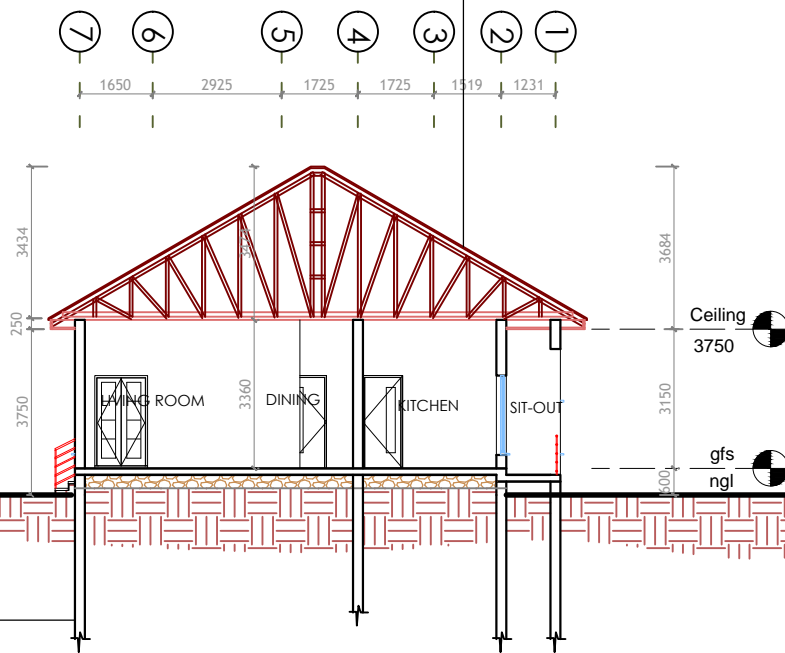
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 Enugu State.
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Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

ROOF DETAILS

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- acrylic silica coated sand finish roof tiles
- 50 x 150mm well season, well treated hardwood rafters at 1500mm centres
- 50x150mm Well season, well treated hardwood roof struts
- 50 x 150mm well season, well treated hardwood tie - beams at 1500mm centres
- 75 x 100mm well season, well treated hardwood wall plates
- 50 x 50mm well season, well treated hardwood ceiling noggings at 600mm centres



FOUNDATION DETAILS
To structural Engineer's Details

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revisions			

JOB TITLE
PROPOSED INDUSTRIAL PARK
 @
 NO. 71 OGUI ROAD,
 ENUGU NORTH L. G. AREA,
 ENUGU STATE.
FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	63

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	SCALE
	50,1:100,250,500

Prime consultants:
DE- DOF SYSTEMS LIMITED
 architecture.planning.engineering
 landscape.project managers
 NO. 4 John Igwesi Street, Meniru
 Awkananaw Enugu
 Enugu State.
 08037363492

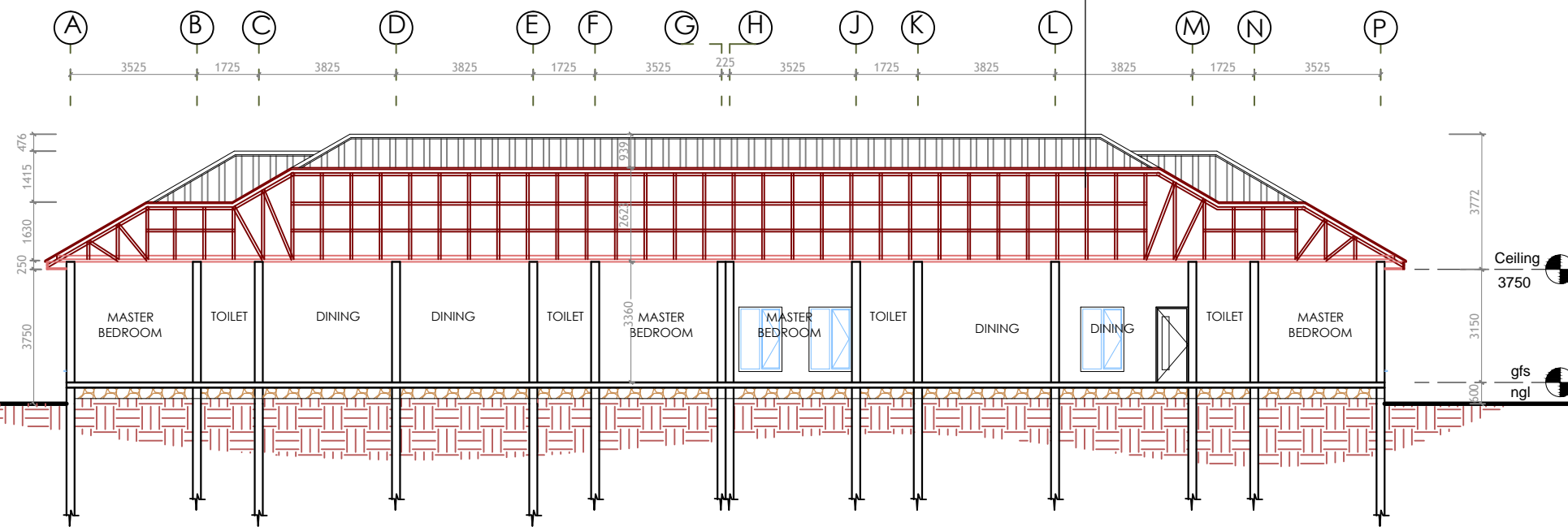
Architectural Stamp/Seal

SECTION J - J

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

ROOF DETAILS

- 50 x75mm well seasoned, treated hardwood purlins
- acrylic silica coated sand finish roof tiles
- 50 x 150mm well season, well treated hardwood rafters at 1500mm centres
- 50x150mm Well season, well treated hardwood roof struts
- 50 x 150mm well season, well treated hardwood tie - beams at 1500mm centres
- 75 x 100mm well season, well treated hardwood wall plates
- 50 x 50mm well season, well treated hardwood ceiling noggings at 600mm centres



FOUNDATION DETAILS
To structural Engineer's Details

notes

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item	description	initials	date
revisions			

JOB TITLE
PROPOSED INDUSTRIAL PARK
@
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ENUGU STATE.
FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	64

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	SCALE
	50,1:100,250,500

Prime consultants:
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architecture.planning.engineering
landscape.project managers
NO. 4 John Igwesi Street, Meniru
Awkananaw Enugu
Enugu State.
08037363492

Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

SECTION K - K

notes

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GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	65

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

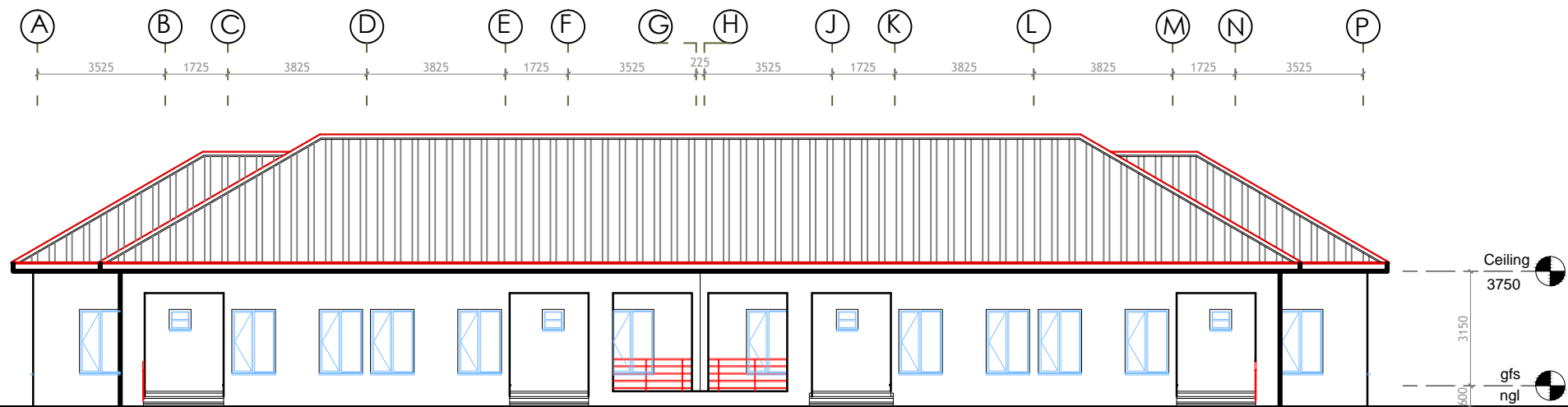
Prime consultants:
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 landscape.project managers

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 Enugu State.
 08037363492

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design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023



SOUTH ELEVATION

notes

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	revisions		

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DWG. NO	SHEET. NO
001	66

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

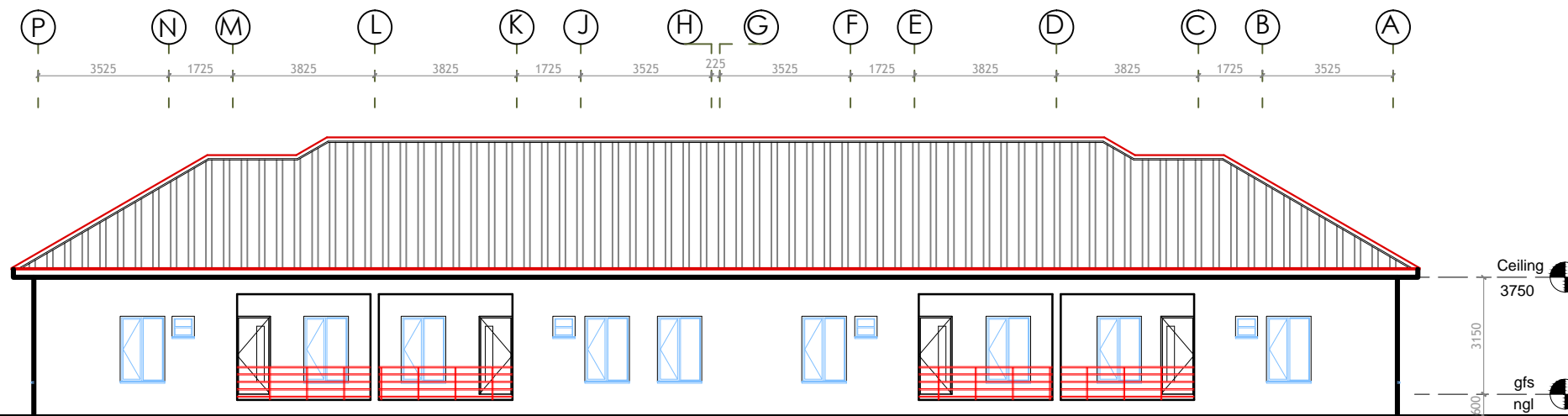
Prime consultants:
DE- DOF SYSTEMS LIMITED

 architecture.planning.engineering
 landscape.project managers

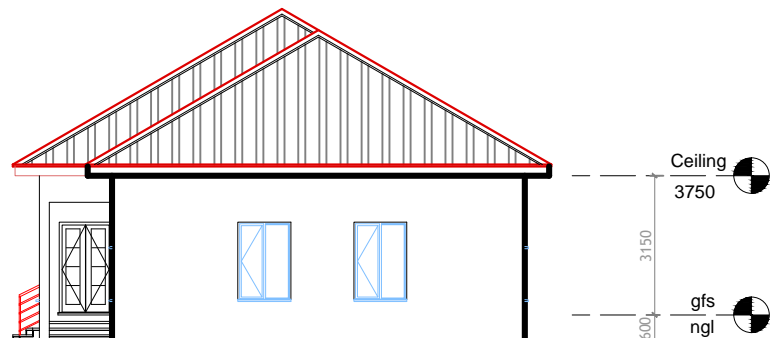
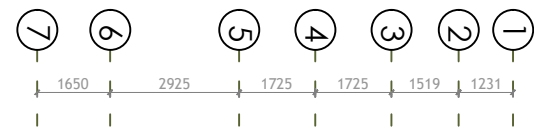
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Architectural Stamp/Seal

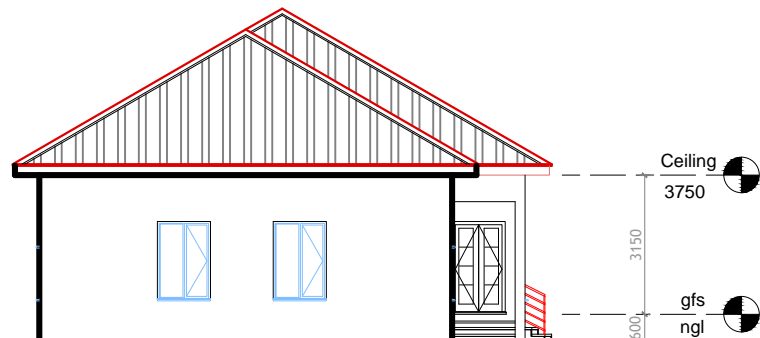
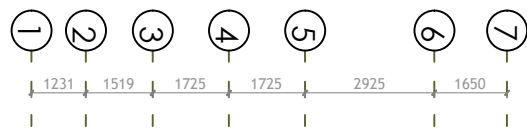
design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023



NORTH ELEVATION



EAST ELEVATION



WEST ELEVATION

notes

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	revisions		

JOB TITLE
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 ENUGU STATE.
 FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	67

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	
SCALE	
	50,1:100,250,500

Prime consultants:
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 landscape.project managers
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 Awkananaw Enugu
 Enugu State.
 08037363492

Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

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	revisions		

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 ENUGU STATE.
 FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	68

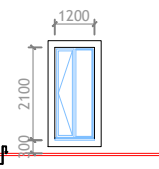
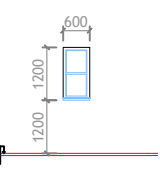
DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	
SCALE	50,1:100,250,500

Prime consultants:
DE- DOF SYSTEMS LIMITED
 architecture.planning.engineering
 landscape.project managers
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 Enugu State.
 08037363492

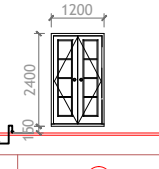
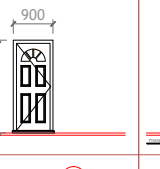
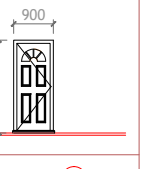
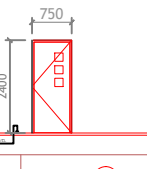
Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

WINDOW SCHEDULE

WINDOW TYPE	W1	WINDOW TYPE	W2
			
WINDOW NO.	(W1)	WINDOW NO.	(W2)
WINDOW DESCRIPTION	1200mm X 2100mm ANODIZED ALUMINUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS	600mm X 1200mm ANODIZED ALUMINUM WINDOW FRAME ENCLOSED TO MANUFACTURER'S DETAILS	
FRAME	ANODIZED CREAM - COATED 50MM X 50MM ALUMINUM FRAMES	ANODIZED CREAM - COATED 50MM X 50MM ALUMINUM FRAMES	
SUB-FRAME	40MM X 25MM HOLLOW SECTION M5 DETAIL	40MM X 25MM HOLLOW SECTION M5 DETAIL	
GLASS	5MM BLUE TINTED GLASS	5MM BLUE TINTED GLASS	
LOCATION	LIVING ROOM, DINING, KITCHEN, BEDROOM	TOILET	
QUANTITY	GROUND FLOOR 24nos. TOTAL NO. 24nos.	GROUND FLOOR 08nos. TOTAL NO. 08nos.	

DOOR SCHEDULE

DOOR TYPE	D1	DOOR TYPE	D2	DOOR TYPE	D3	DOOR TYPE	D4
							
DOOR NO.	(D1)	(D2)	(D3)			(D4)	
DOOR DESCRIPTION	1200mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	900mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	900mm X 2400mm SECURITY STEEL DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS			750mm X 2400mm WOODEN DOOR FRAME ENCLOSED TO MANUFACTURER'S DETAILS	
FRAME	50MM X275MM HW LAMINATED FRAME / DESIGNATED ARCH-TRAVES	50MM X275MM HW LAMINATED FRAME / DESIGNATED ARCH-TRAVES	50MM X275MM HW LAMINATED FRAME / DESIGNATED ARCH-TRAVES			50MM X275MM HW LAMINATED FRAME / DESIGNATED ARCH-TRAVES	
SUB-FRAME	SUB-FRAME 25MM X 225MM HW TREATED TIMBER FRAME	SUB-FRAME 25MM X 225MM HW TREATED TIMBER FRAME	SUB-FRAME 25MM X 225MM HW TREATED TIMBER FRAME			SUB-FRAME 25MM X 225MM HW TREATED TIMBER FRAME	
LOCATION	LIVING ROOM/ DINING	KITCHEN	BEDROOM			TOILETS	
QUANTITY	GROUND FLOOR 24nos. TOTAL NO. 24nos.	GROUND FLOOR 04nos. TOTAL NO. 04nos.	GROUND FLOOR 12nos. TOTAL NO. 12nos.			GROUND FLOOR 12nos. TOTAL NO. 12nos.	

WINDOW & DOOR SCHEDULE

notes

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item	description	initials	date
revisions			

JOB TITLE
PROPOSED INDUSTRIAL PARK
 @
 NO. 71 OGUI ROAD,
 ENUGU NORTH L. G. AREA,
 ENUGU STATE.
 FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	69

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	
SCALE	50,1:100,250,500

Prime consultants:
DE- DOF SYSTEMS LIMITED

architecture.planning.engineering
 landscape.project managers

NO. 4 John Igwesi Street, Meniru
 Awkananaw Enugu
 Enugu State.
 08037363492

Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

space	floor										walls										skirting										ceiling										remarks		
	granite tiles	red cement screed	sandcrete screed	terrazzo	decorative conc.overlay	porcelain tiles	ceramic tile	pvc tiles	verified tiles	marble	wall paper	textcote	emulsion paint	brick facing	ceramic tiles	timber panel	gloss paint	sandtext finebuild	mosaic tiles	marble	granite tiles	verified tiles	ceramic tiles	marble	porcelain tiles	decorative conc.overlay	wood strips	marble	wood strips	fibre cement	aluminium / metal pan	plaster of paris	ceiling paper	cement screed	pvc strips	celotex	mineral fibre	gypsum board					
1 Lounge	<input type="radio"/>											<input type="radio"/>									<input type="radio"/>																						
2 dining	<input type="radio"/>											<input type="radio"/>									<input type="radio"/>																						
3 kitchen						<input type="radio"/>						<input type="radio"/>		<input type="radio"/>																													
4 bedrooms						<input type="radio"/>				<input type="radio"/>		<input type="radio"/>													<input type="radio"/>																		
6 corridor / lobby						<input type="radio"/>						<input type="radio"/>									<input type="radio"/>																						
7 toilet						<input type="radio"/>						<input type="radio"/>		<input type="radio"/>																													
8 sit out						<input type="radio"/>						<input type="radio"/>													<input type="radio"/>																		
10 entrance porch	<input type="radio"/>											<input type="radio"/>									<input type="radio"/>																						
11 storage						<input type="radio"/>						<input type="radio"/>																															

notes

emulsion paint to be used on external walls.
 internal walls to be screed with INTER PUTTY STANDARD (wall smoothing material)before application of paint
 external walls to be screed with INTER PUTTY GOLD (wall smoothing material)before application of paint

FINISHES SCHEDULE

notes

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	revisions		

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 ENUGU STATE.
 FOR
GROW AFRICA NIGERIA LTD.

DWG. NO	SHEET. NO
001	70

DRAWING TITLE	REV. SUFFIX
TWO BEDROOM BUNGALOW	
SCALE	
50,1:100,250,500	

Prime consultants:
DE- DOF SYSTEMS LIMITED
 architecture.planning.engineering
 landscape.project managers
 NO. 4 John Igwesi Street, Meniru
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 Enugu State.
 08037363492

Architectural Stamp/Seal

design/drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept., 2023

1 SOAKAWAY
scale 1:50

2 SEPTIC TANK PLAN
scale 1:50

3 PLAN
scale 1:50

4 SECTION
scale 1:50

5 LONGITUDINAL SECTION
scale 1:50

6 SECTION
scale 1:50

7 WC WALL SECTION 1
scale 1:50

8 WC WALL SECTION 2
scale 1:50

09 ALTERNATIVE SAP TYPE B1
scale 1:50

TANK TYPE	NO. OF USERS	CAPACITY OF TANK		LENGTH (MM)		BREATH (MM)	INLET DEPTH (MM)		OUTLET DEPTH (MM)		DIST. TO BAFFLE DEPTH (MM)	AVERAGE DEPTH (MM)
		PER USER CUBIC METRE	TOTAL CUBIC METRE	A	B	C	D	E	F			
A	10	0.192	1.92	2400	600	1275	1200	900	1800			
B	15	0.098	1.47	2775	825	1275	1200	1125	1800			
C	20	0.084	1.68	3000	1050	1350	1275	1200	1800			
D	50	0.07	3.50	3600	1200	1575	1600	1500	1800			
E	100	0.07	7.00	4800	1950	1650	1575	2100	1800			
F	200	0.07	14.00	6000	2450	1875	1800	2700	1800			

10 SCHEDULE OF SEPTIC TANK SIZES

DETAILS



OPEN WARE HOUSE



De Dof Systems Ltd.

*ARCHITECTURE *ENGINEERING * PROPERTY DEVELOPEMENT
& ENVIRONMENTAL MANAGEMENT * CONSULTANTS

No. 47/ 7 Sir Vincent Eze Avenue, Phase 6,
Transekulu, Enugu.
08037363492



3D APPROACH VIEW

notes

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 NO. 71 OGUI ROAD,
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 ENUGU STATE.

DWG. NO	SHEET. NO
001	72

DRAWING TITLE	REV. SUFFIX
3D VIEW WARE HOUSE	SCALE 50,1:100,250,500

Prime consultants:
DE- DOF SYSTEMS LIMITED
 architecture.planning.engineering
 landscape.project managers
 No. 47/ 7 Sir Vincent Eze Avenue, Phase 6,
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 08037363492

Architectural Stamp/Seal

design /drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept,2023



3D SOUTH EAST VIEW

notes

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revisions			

JOB TITLE

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NO. 71 OGUI ROAD,
ENUGU,
ENUGU STATE.**

DWG. NO	SHEET. NO
0 0 1	7 3

DRAWING TITLE	REV. SUFFIX
3D VIEW WARE HOUSE	SCALE
	50,1:100,250,500

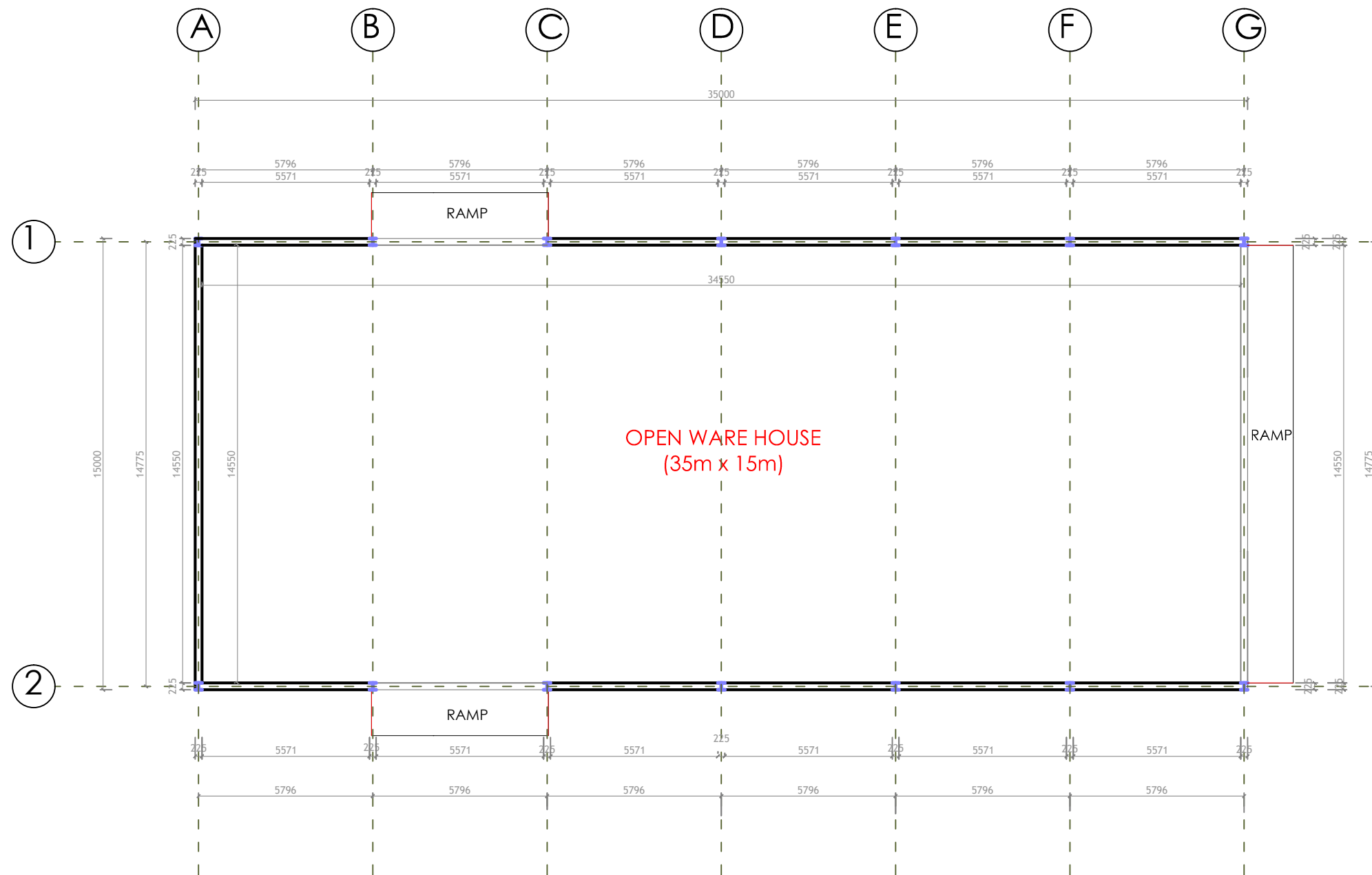
Prime consultants:

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architecture.planning.engineering
landscape.project managers

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08037363492

Architectural Stamp/Seal

design/drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept,2023



FLOOR PLAN

notes

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DWG. NO	SHEET. NO
001	74

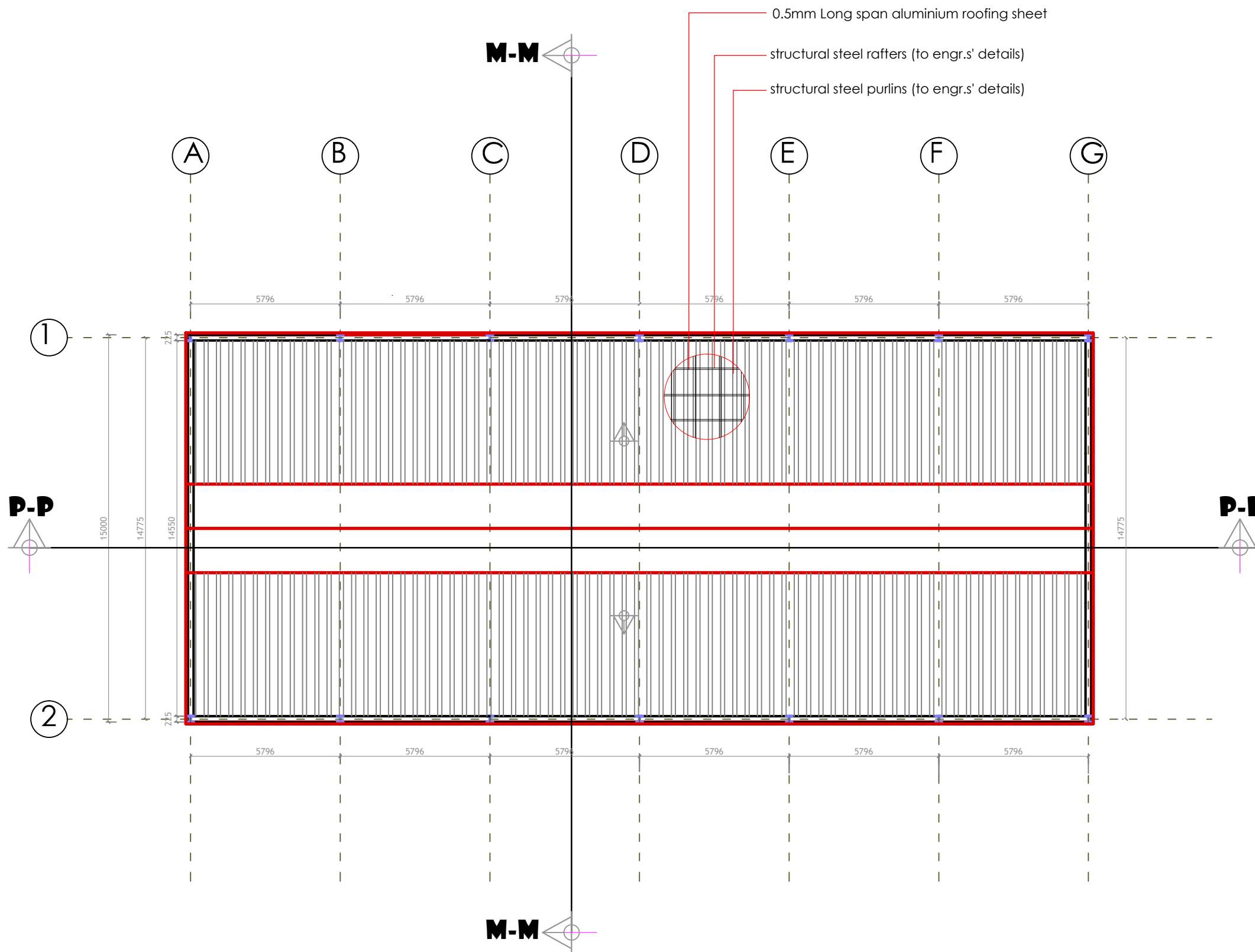
DRAWING TITLE	REV. SUFFIX
PLAN WARE HOUSE	SCALE
	50,1:100,250,500

Prime consultants:

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architecture.planning.engineering
landscape.project managers
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Transekulu, Enugu.
08037363492

Architectural Stamp/Seal

design/drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept,2023



ROOF PLAN

notes

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revisions			

JOB TITLE

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@
NO. 71 OGUI ROAD,
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ENUGU STATE.

DWG. NO	SHEET. NO
001	75

DRAWING TITLE	REV. SUFFIX
PLAN WARE HOUSE	SCALE 50,1:100,250,500

Prime consultants:

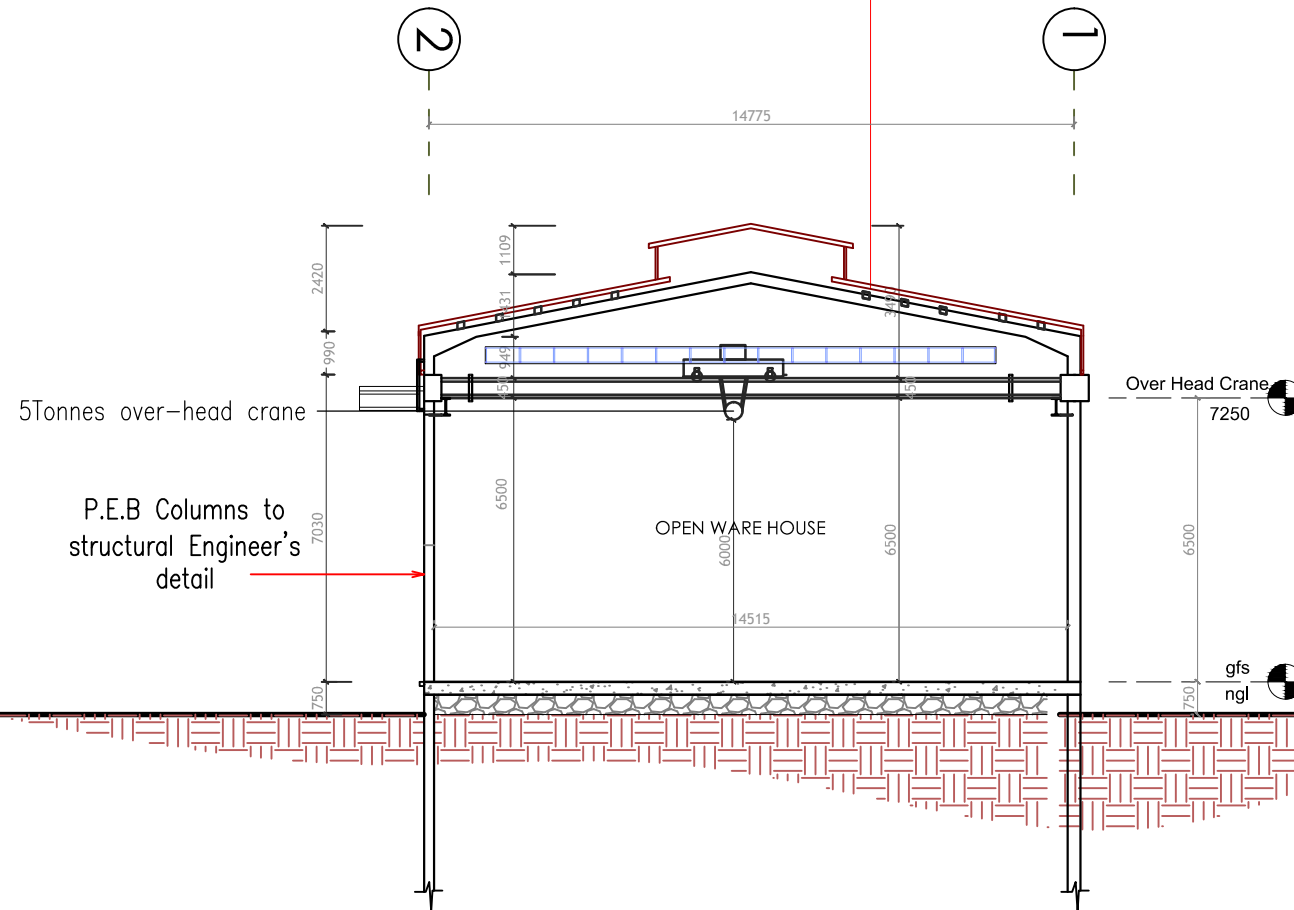
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landscape.project managers
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Transekulu, Enugu.
08037363492

Architectural Stamp/Seal

design/drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept,2023

ROOF DETAILS

Details of Roof Structure are to Structural Engr's details



FOUNDATION DETAILS

Details of Foundation, Foundation dept, R.C.C, Hardcore are to Structural Engr's details

notes

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	revisions		

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 NO. 71 OGUI ROAD,
 ENUGU,
 ENUGU STATE.

DWG. NO	SHEET. NO
001	76

DRAWING TITLE	REV. SUFFIX
SECTION WARE HOUSE	
SCALE	50,1:100,250,500

Prime consultants:
DE- DOF SYSTEMS LIMITED
 architecture.planning.engineering
 landscape.project managers
 No. 47/ 7 Sir Vincent Eze Avenue, Phase 6,
 Transekulu, Enugu.
 08037363492

Architectural Stamp/Seal

design/drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept,2023

SECTION M - M

notes

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	revisions		

JOB TITLE
PROPOSED INDUSTRIAL PARK
 FOR
GROW AFRICA NIG. LTD.
 @
 NO. 71 OGUI ROAD,
 ENUGU,
 ENUGU STATE.

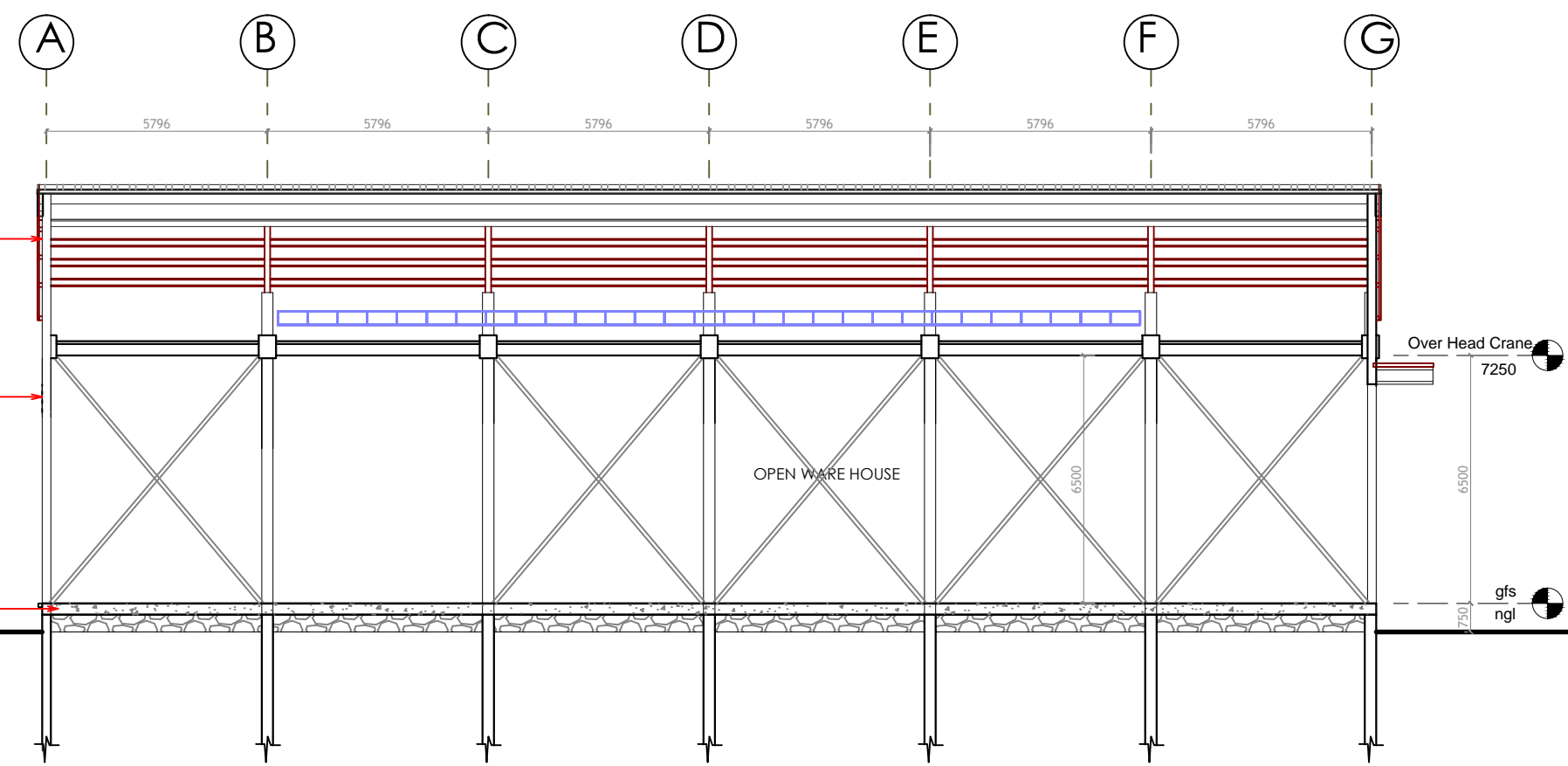
DWG. NO	SHEET. NO
001	77

DRAWING TITLE	REV. SUFFIX
SECTION WARE HOUSE	SCALE
	50,1:100,250,500

Prime consultants:
DE- DOF SYSTEMS LIMITED
 architecture.planning.engineering
 landscape.project managers
 No. 47/ 7 Sir Vincent Eze Avenue, Phase 6,
 Transekulu, Enugu.
 08037363492

Architectural Stamp/Seal

design/drafted	checked	date
Pst. Arc Chinweike Amoke	Arc. Uche Ataks	Sept,2023



Roof Structure with Purlins

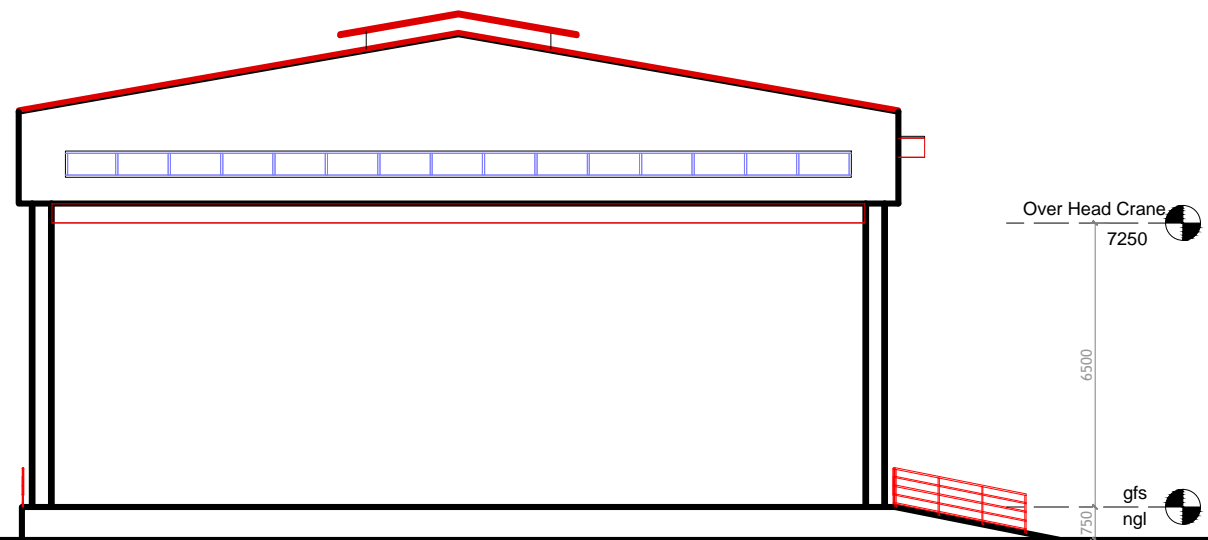
P.E.B Columns to structural Engineer's detail

Reinforced Cement Concrete slab to structural Engineer's detail

FOUNDATION DETAILS

Details of Foundation, Foundation dept, R.C.C, Hardcore are to Structural Engr's details

SECTION P - P



WEST ELEVATION

notes

1. drawings are not to be scaled
2. written dimensions are to be taken in preference
3. dimensions are taken to lines and structural surfaces not to finished surfaces.
4. any discrepancies between the drawing and other specifications, should be brought to the attention of the architect who alone can decide on the final instruction.
5. this drawing is copyright protected and must not be reproduced without the written permission .
6. authorisation for the use of these drawings is deemed to be given after settlement of professional fees

item	description	initials	date
	revisions		

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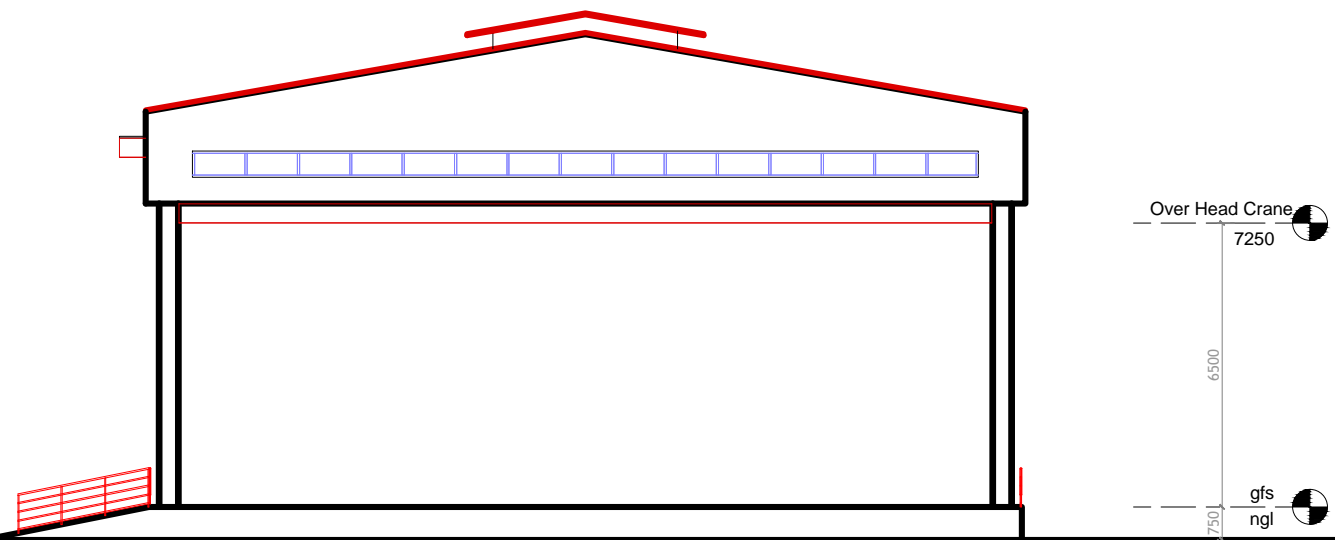
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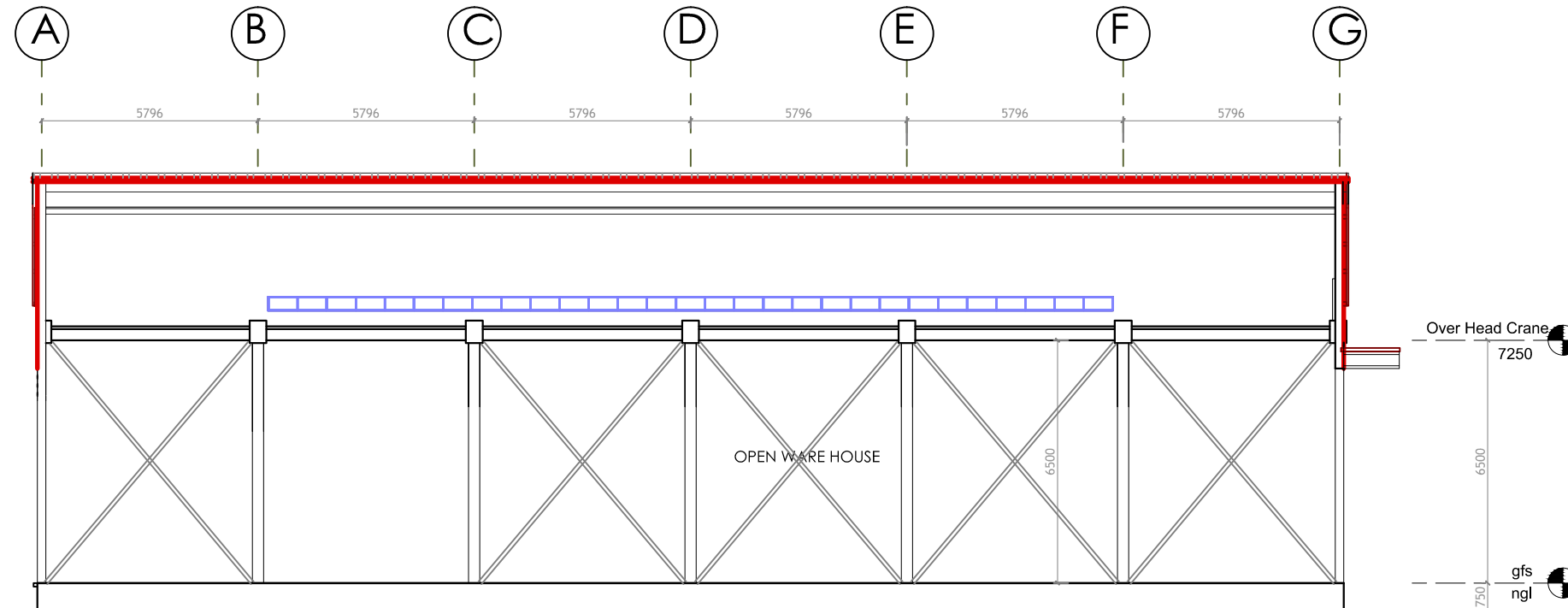
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EAST ELEVATION



SOUTH ELEVATION

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