



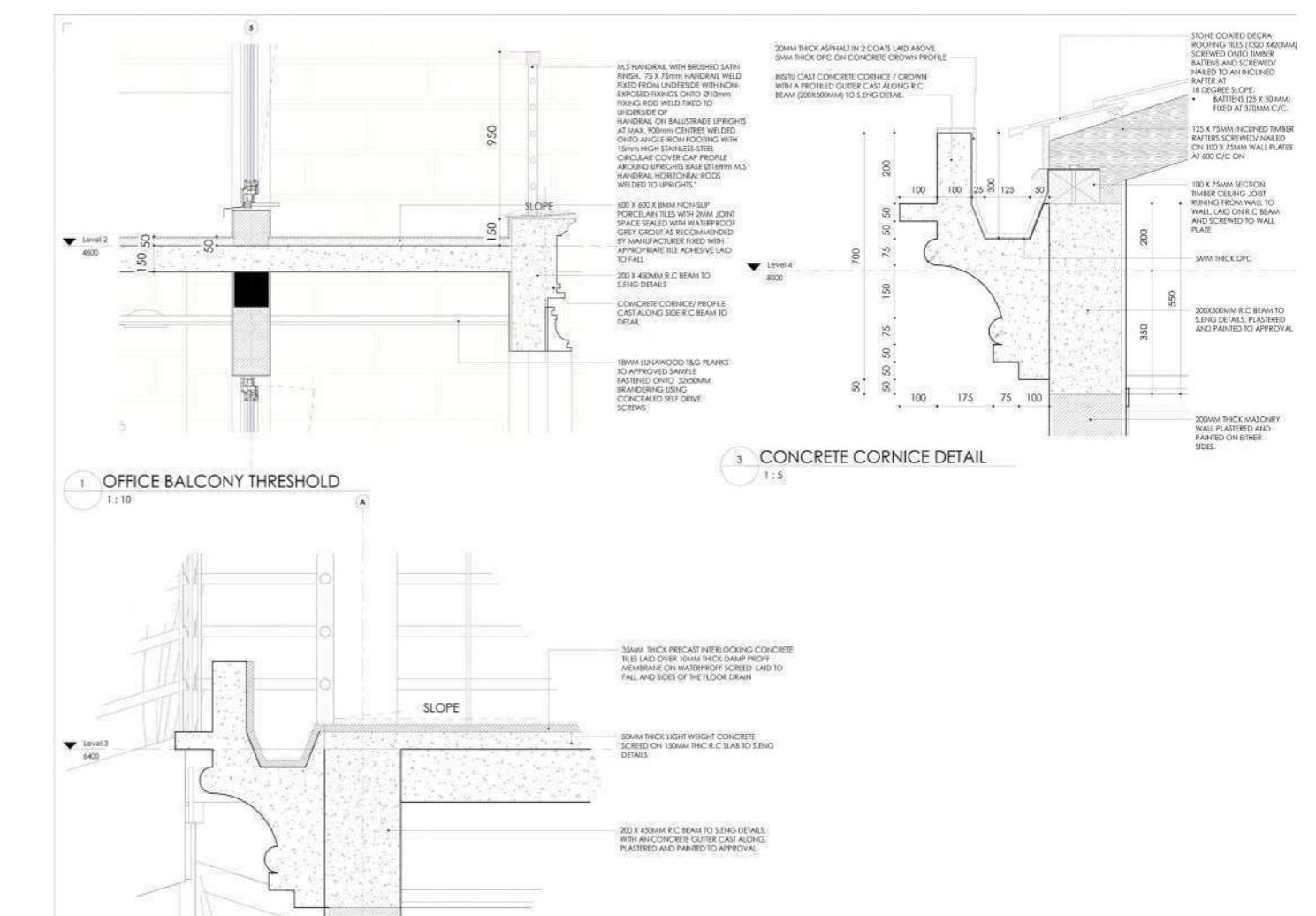
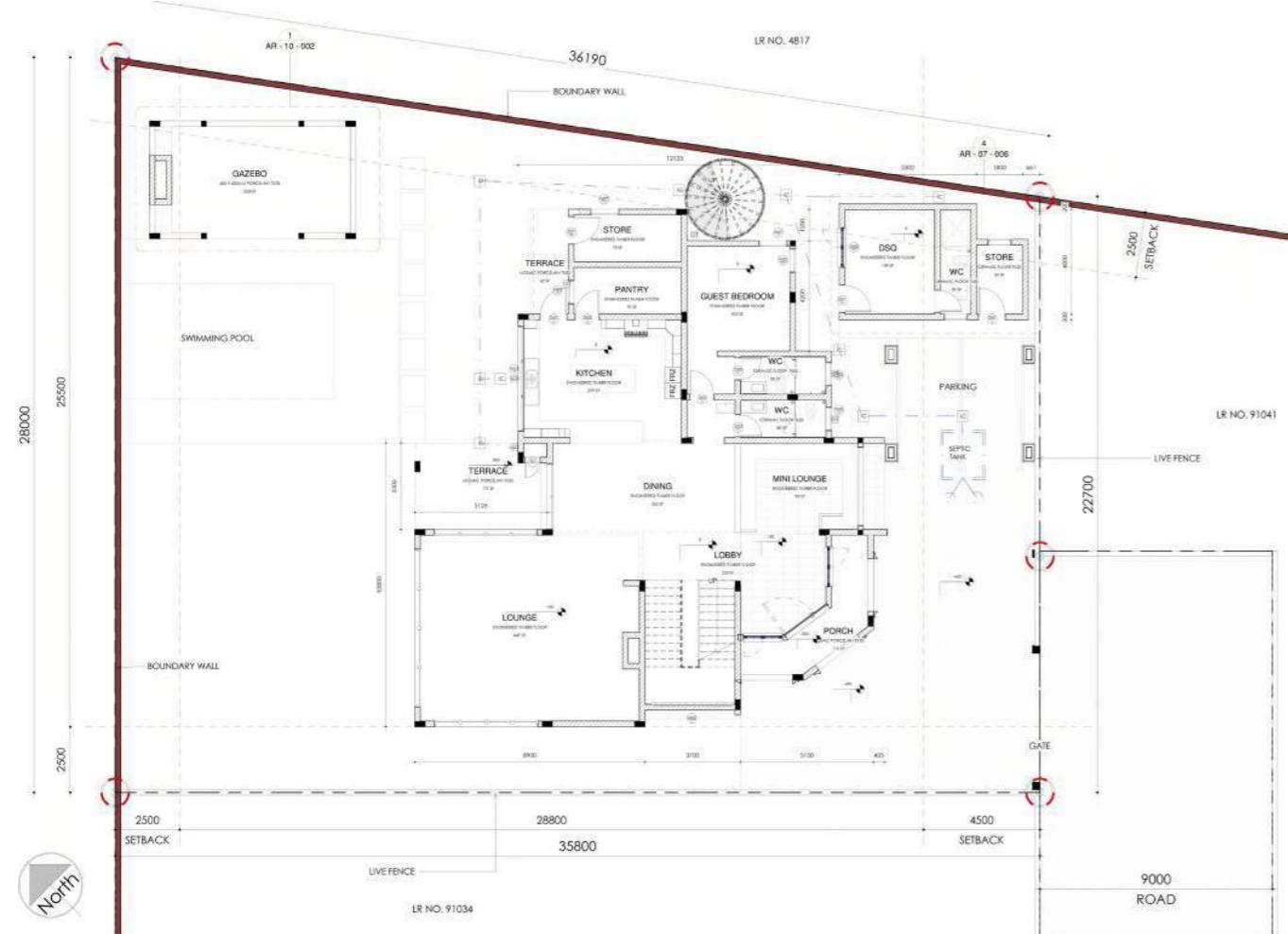
ARCHITECTURAL PORTFOLIO

NICK. MUASYA. MUNYWOKI



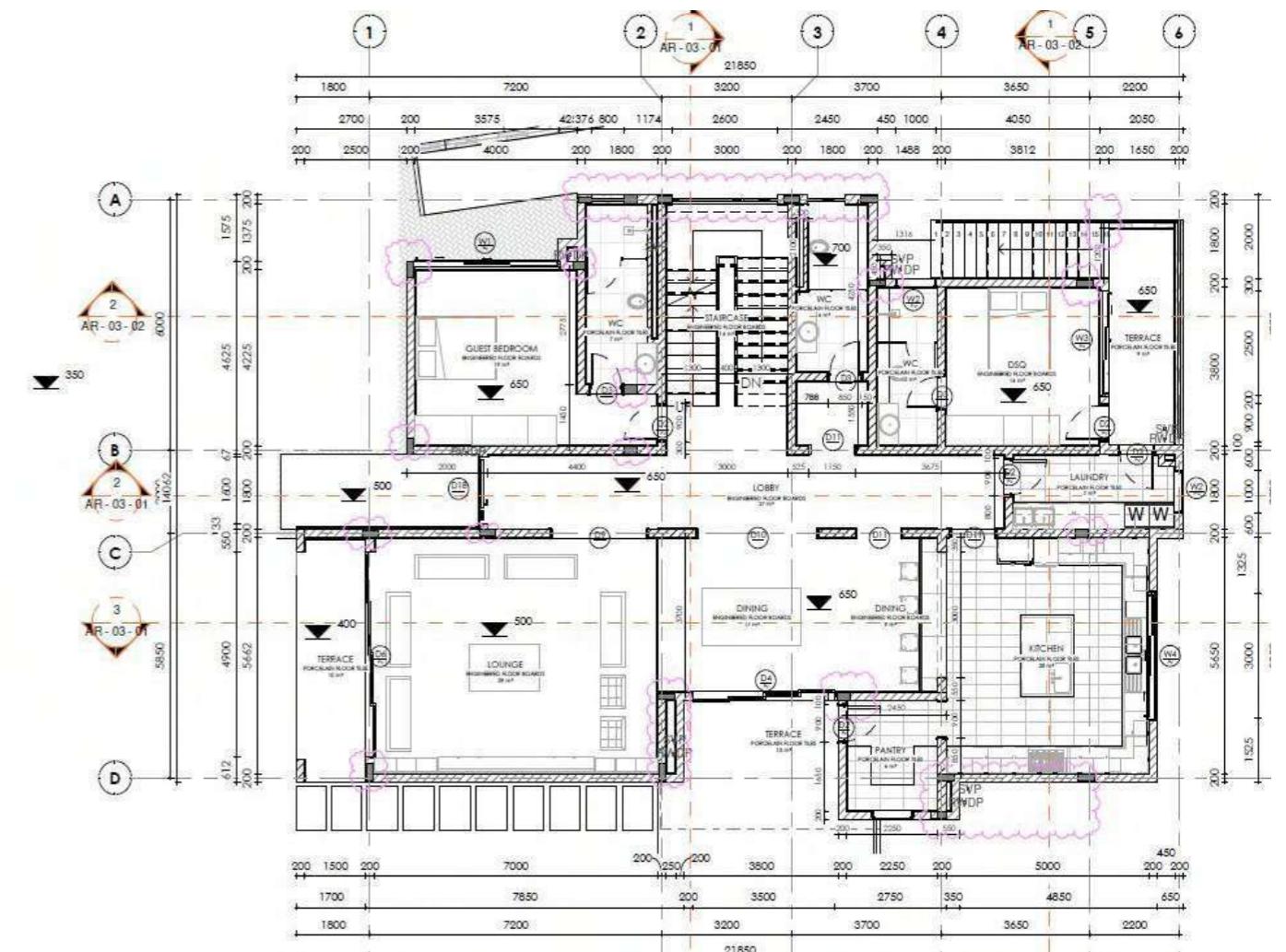
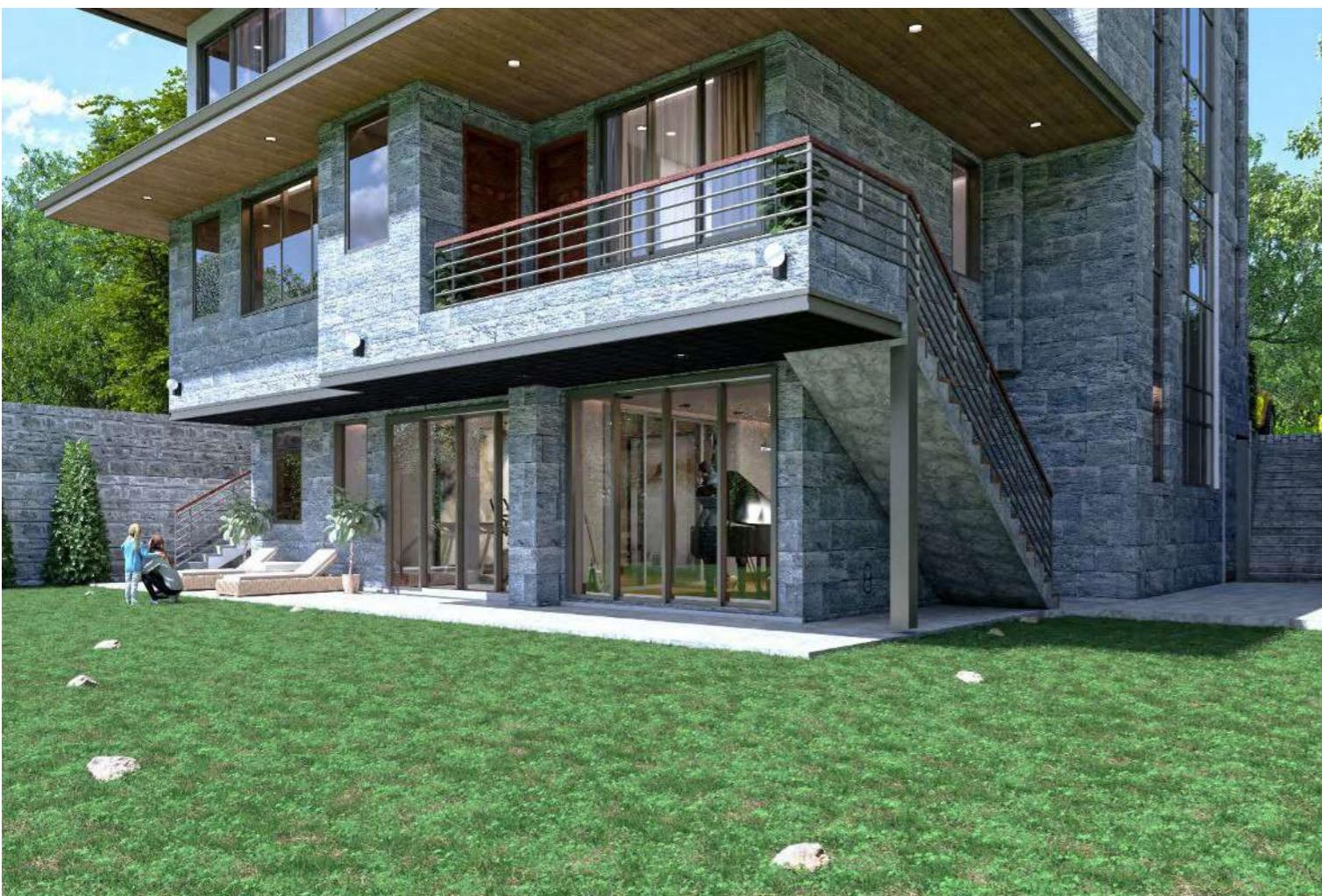
LOCATION-KERARAPON-KAJIADO-KENYA

SCOPE - DESIGN , CONSTRUCTION & PROJECT MANAGEMENT





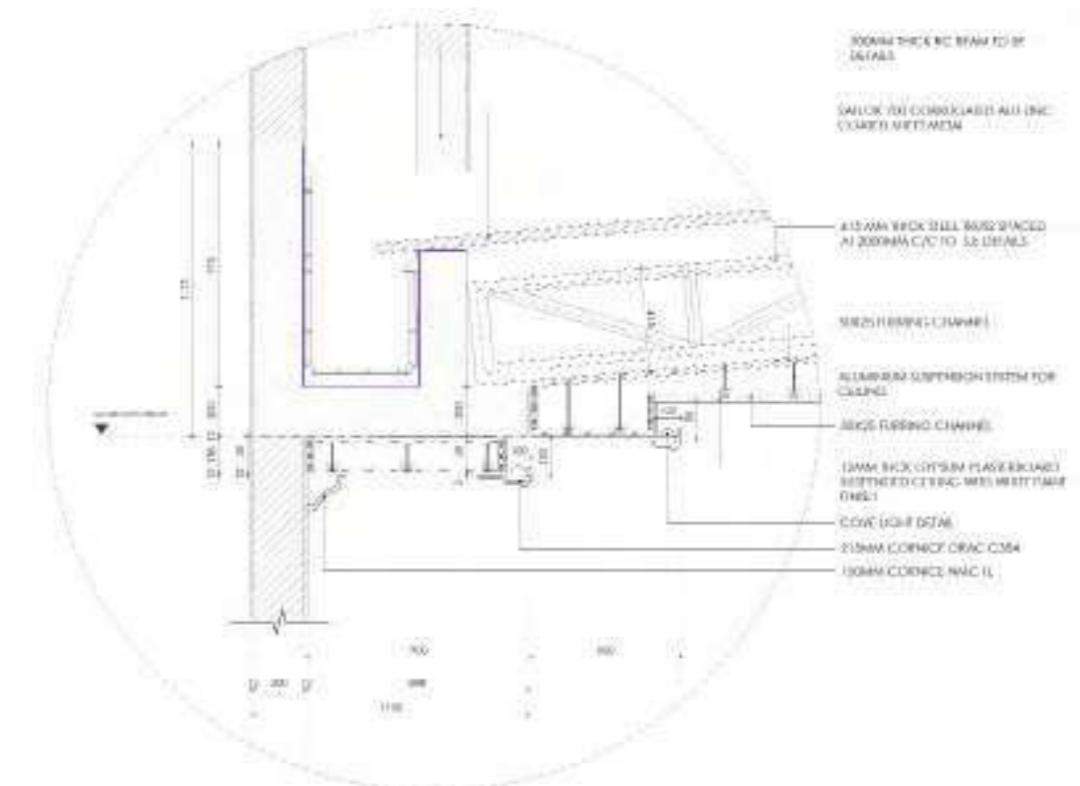
LOCATION - DAYKIO BUSTANI - KENYA
SCOPE - DESIGN & PROJECT MANAGEMENT





LOCATION - LAVINGTON - NAIROBI - KENYA

SCOPE - DESIGN & PROJECT MANAGEMENT





BackYard

Section



TITLE - 4 BEDROOM HOUSE

LOCATION - RONGAI - KAJIADO - KENYA

SCOPE - DESIGN & CONSTRUCTION



Ongoing site



TITLE - 5 BEDROOM HOUSE

LOCATION- MHASIBU-RUIRU-KENYA

SCOPE -DESIGN & CONSTRUCTION



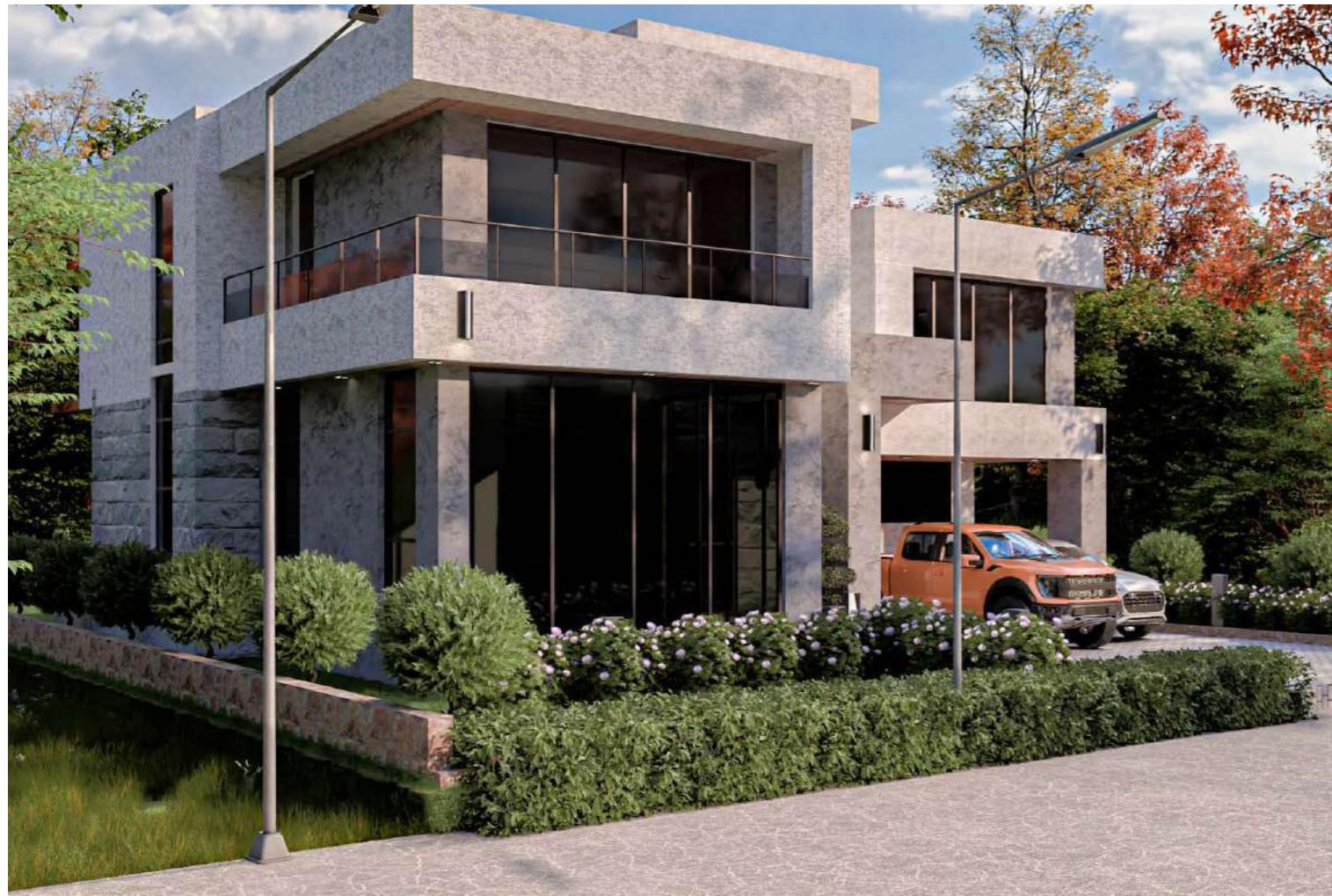
Approval stage



TITLE - 4 BEDROOM HOUSE

LOCATION - NGONG - KAJIADO - KENYA

SCOPE - DESIGN & CONSTRUCTION



Approval stage



LOCATION - LAVINGTON - NAIROBI - KENYA

SCOPE - DESIGN & PROJECT MANAGEMENT



Ground floor plan



Roof plan



LOCATION - KITENGELA - KENYA

SCOPE - DESIGN & PROJECT MANAGEMENT



LOCATION-TATUCITY, KIAMBUI - KENYA

SCOPE -DESIGN & PROJECT MANAGEMENT





TITLE - MANOR PARK ESTATE

LOCATION - WITEITHIE - JUJA - KENYA

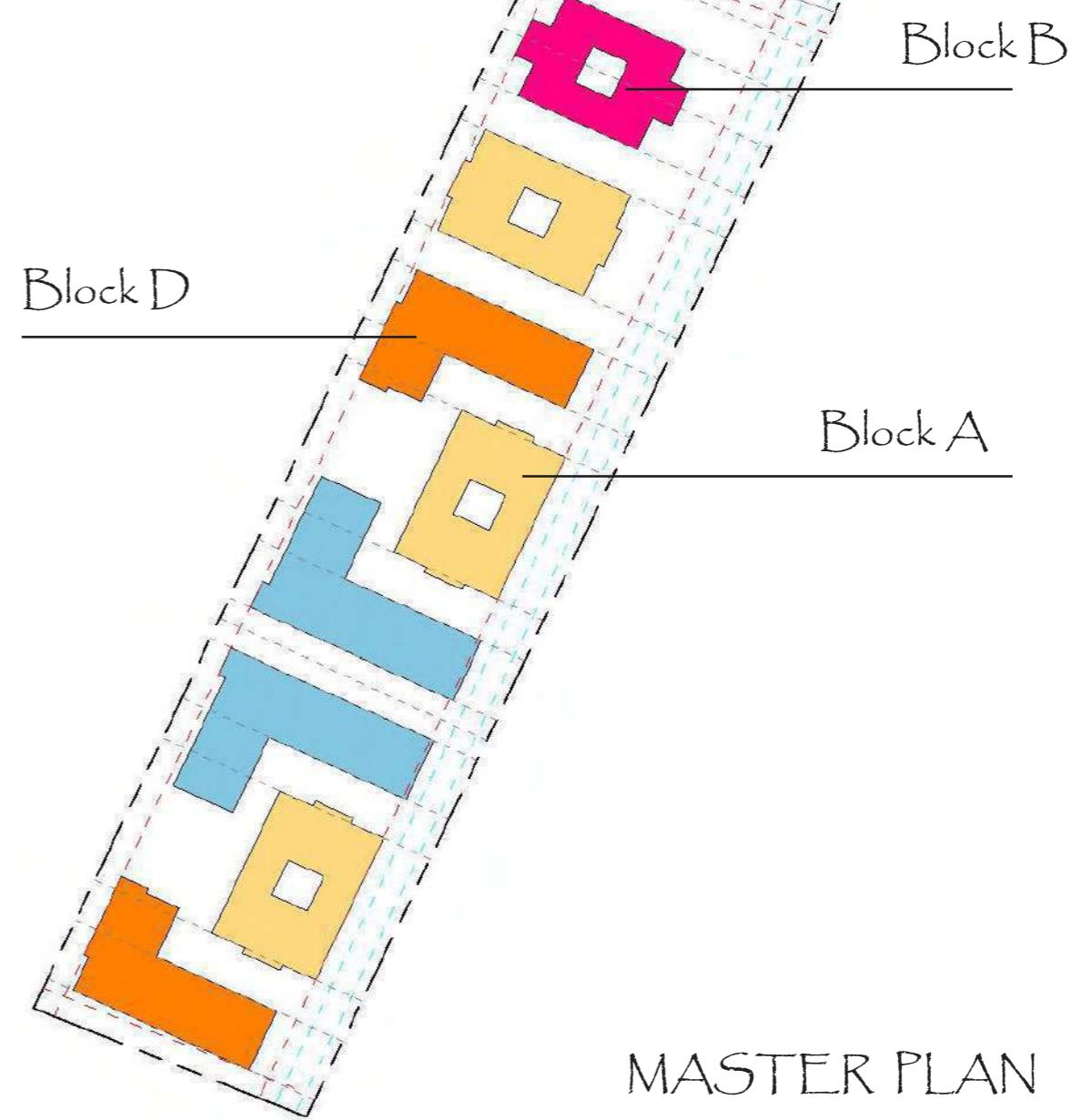
SCOPE - DESIGN & PROJECT MANAGEMENT

Following the Big 4 Agenda rolled out by the Kenyan Government, housing is a major industry involved. Affordable housing such as this estate having 1152 units (1 bed, 2 bed and 3 bed units) conform to the standards set by the government.

Among the team of consultants involved, my scope was to design, visualize and detail the drawings From concept design, project documentation and spartial coordination.



Block C



CLASTER A

SETBACK



Cluster A - Section 01



Proposal.

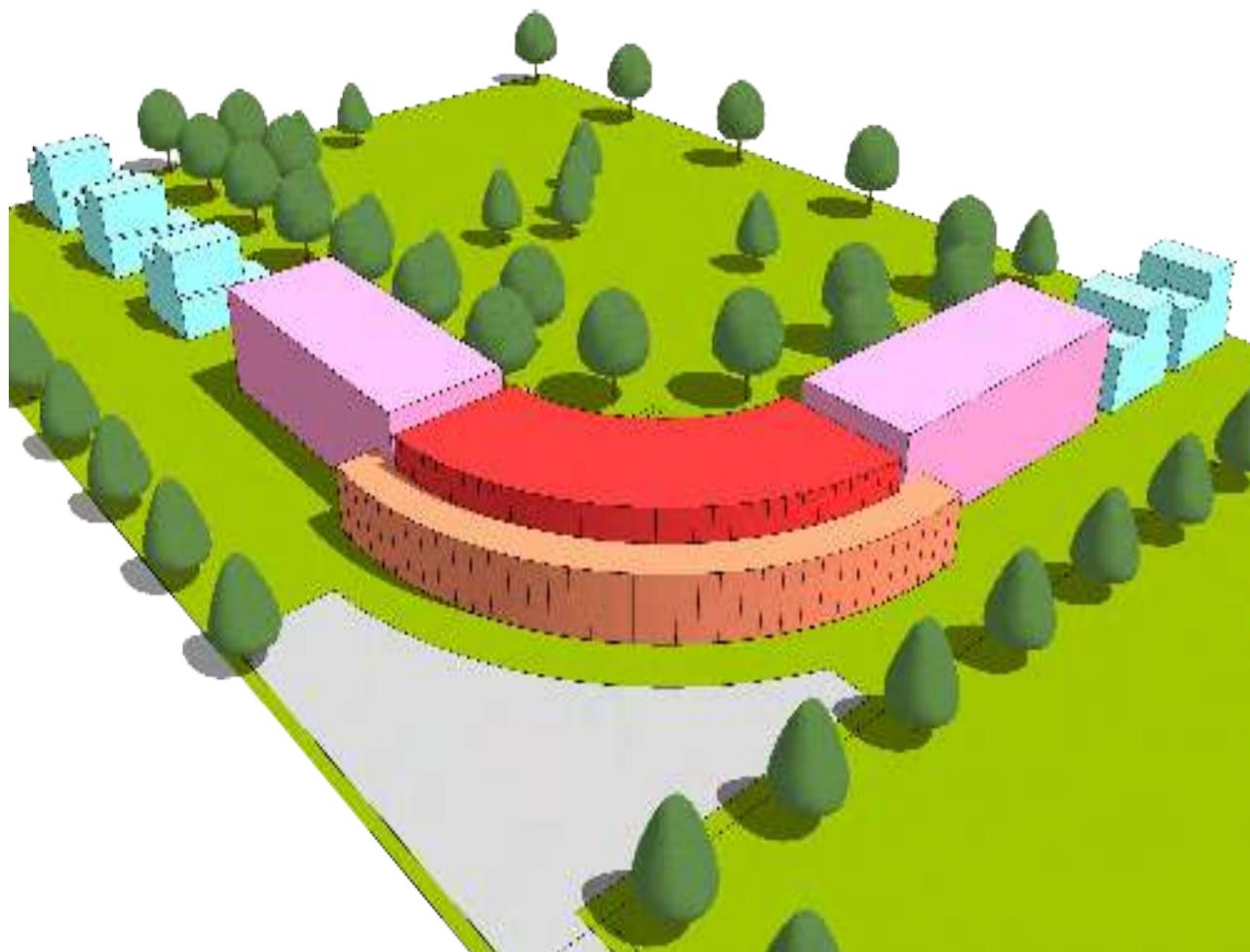
TITLE BETHEL WELLNESS CENTRE.

This is a Resort/ Hotel with 125 Rooms and 25 Cottages.

LOCATION- SYOKIMAU -KENYA

Project goal is to accommodate a restaurant, prayer center and hotel rooms.

SCOPE CONCEPT DESIGN



Modern cottages of 2 and 3 bedrooms interconnected by walkways around the property leadin to the main hall and the Hotel





TITLE - BLUESTONE ESTATE

LOCATION - NIGERIA

SCOPE - PLANNING

We were tasked with masterplanning a 430 Acre piece of land to fit 900 homes/residential plots, commercial spaces, recreational spaces and common spaces.



TITLE - KAROGOE ESTATE

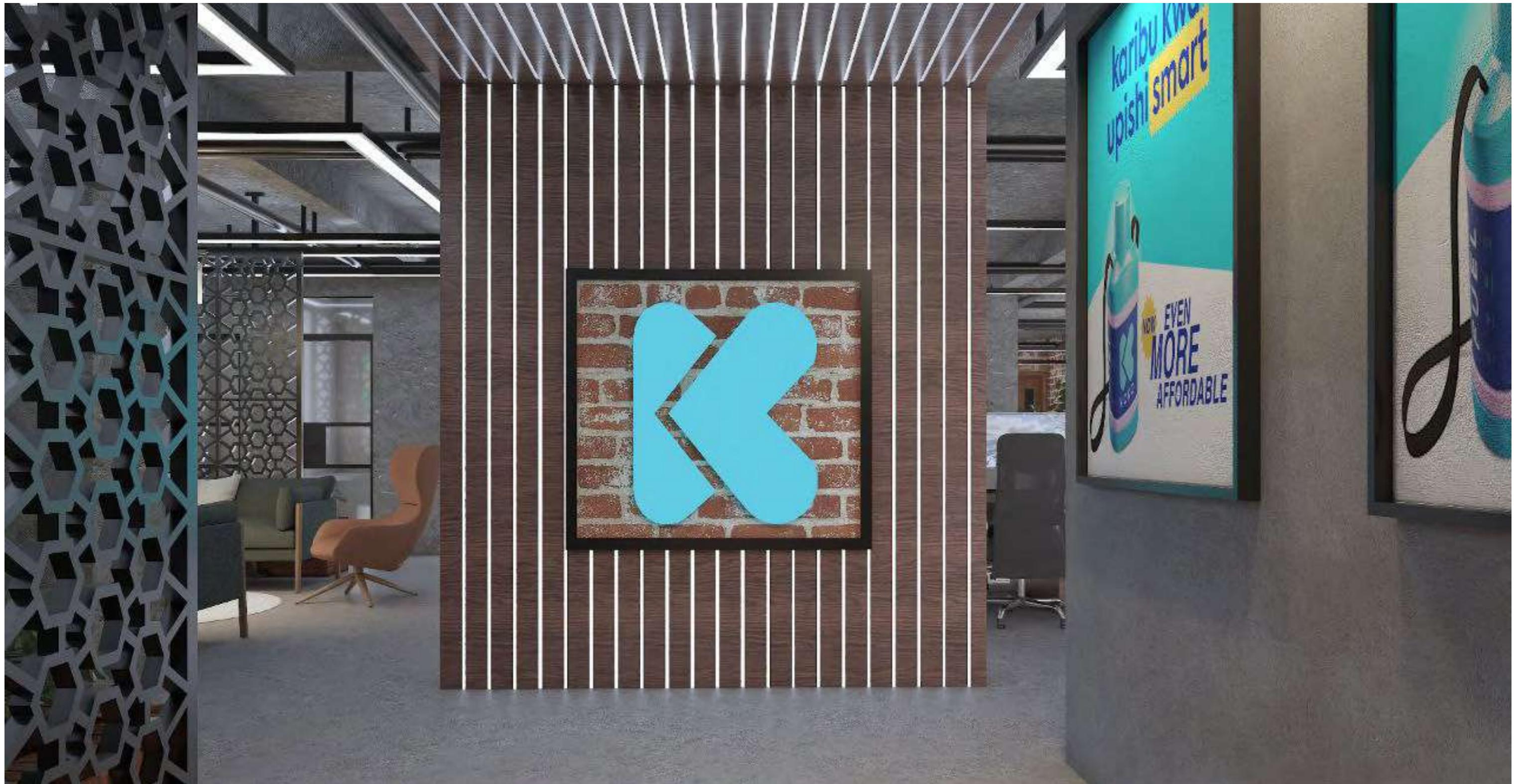
LOCATION - KIAMBU - KENYA

SCOPE - PLANING

We were tasked with master planning a 454 Acre piece of land to fit over 900 homes/ residential plots, commercial spaces, recreational spaces and common spaces.

Having a fairly slopy topography towards the rivers on either side of the site, planning on this site had to address the cost of construction every plot would have to incur.

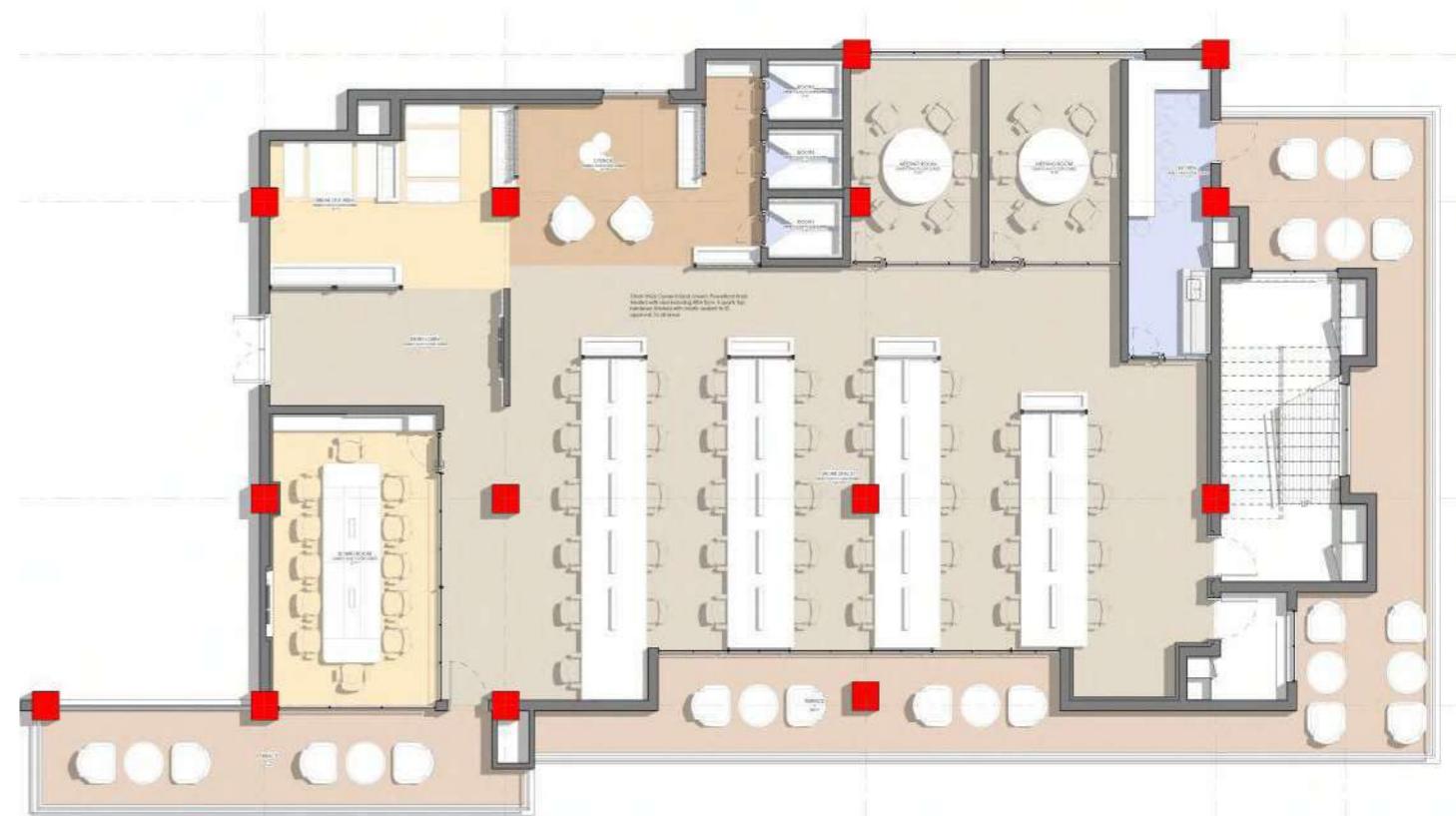
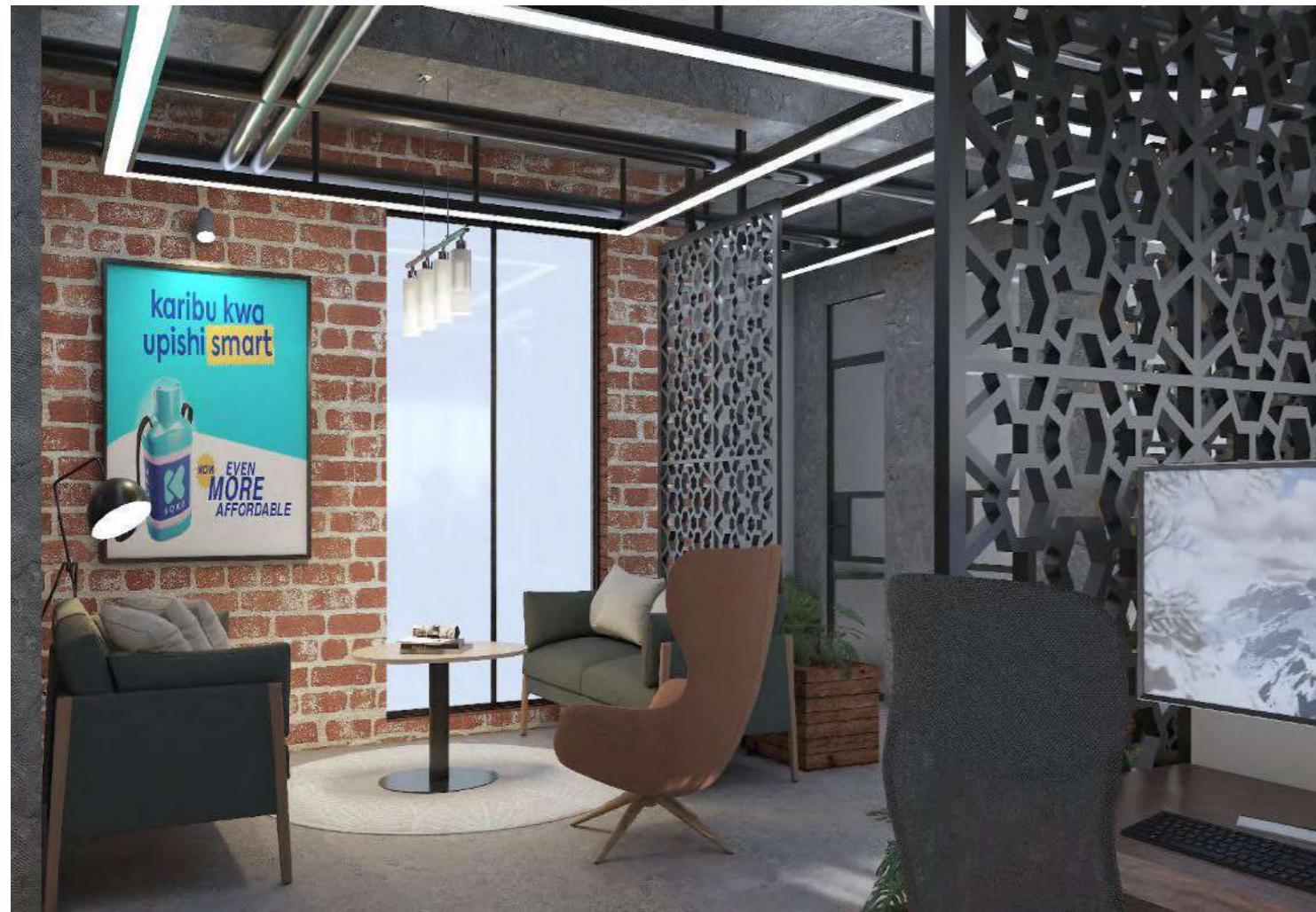
Designing on this site accorded me with the knowledge of planning on different topographies and many ways to provide solutions in the building industry.



KOKO NETWORKS OFFICES

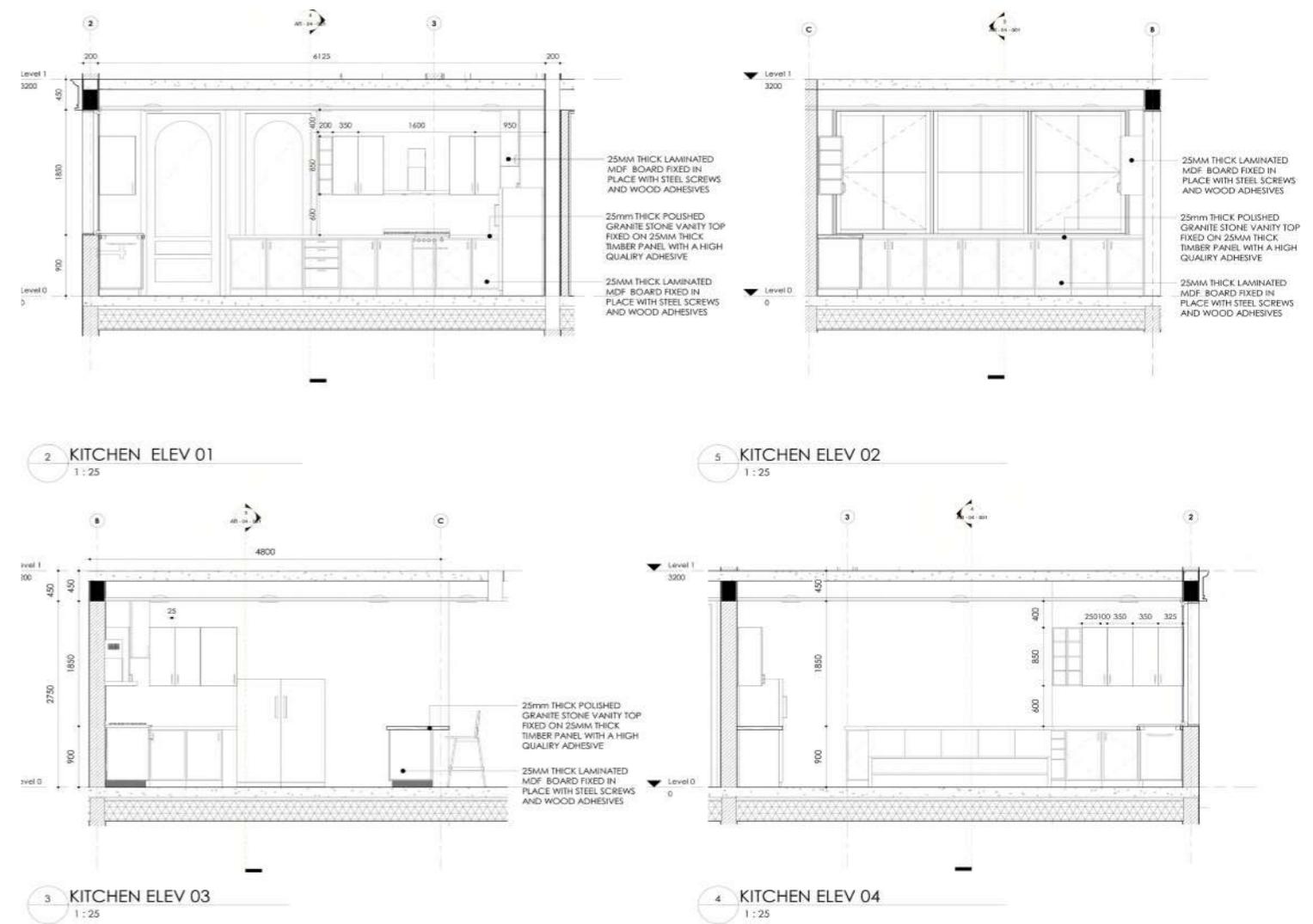
LOCATION-NAIROBI -KENYA

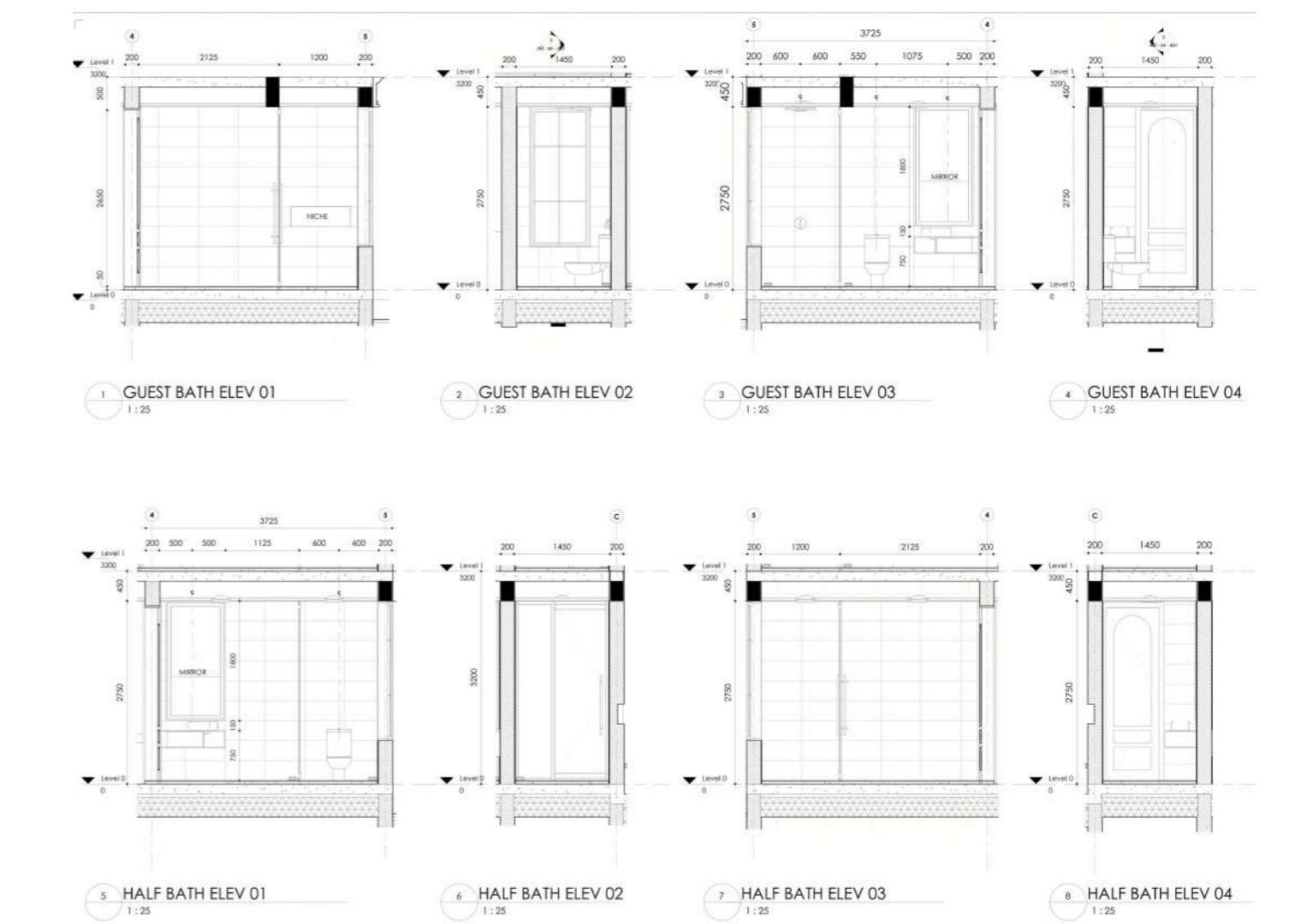
SCOPE -CONCEPT DESIGN & PROJECT DOCUMENTATION

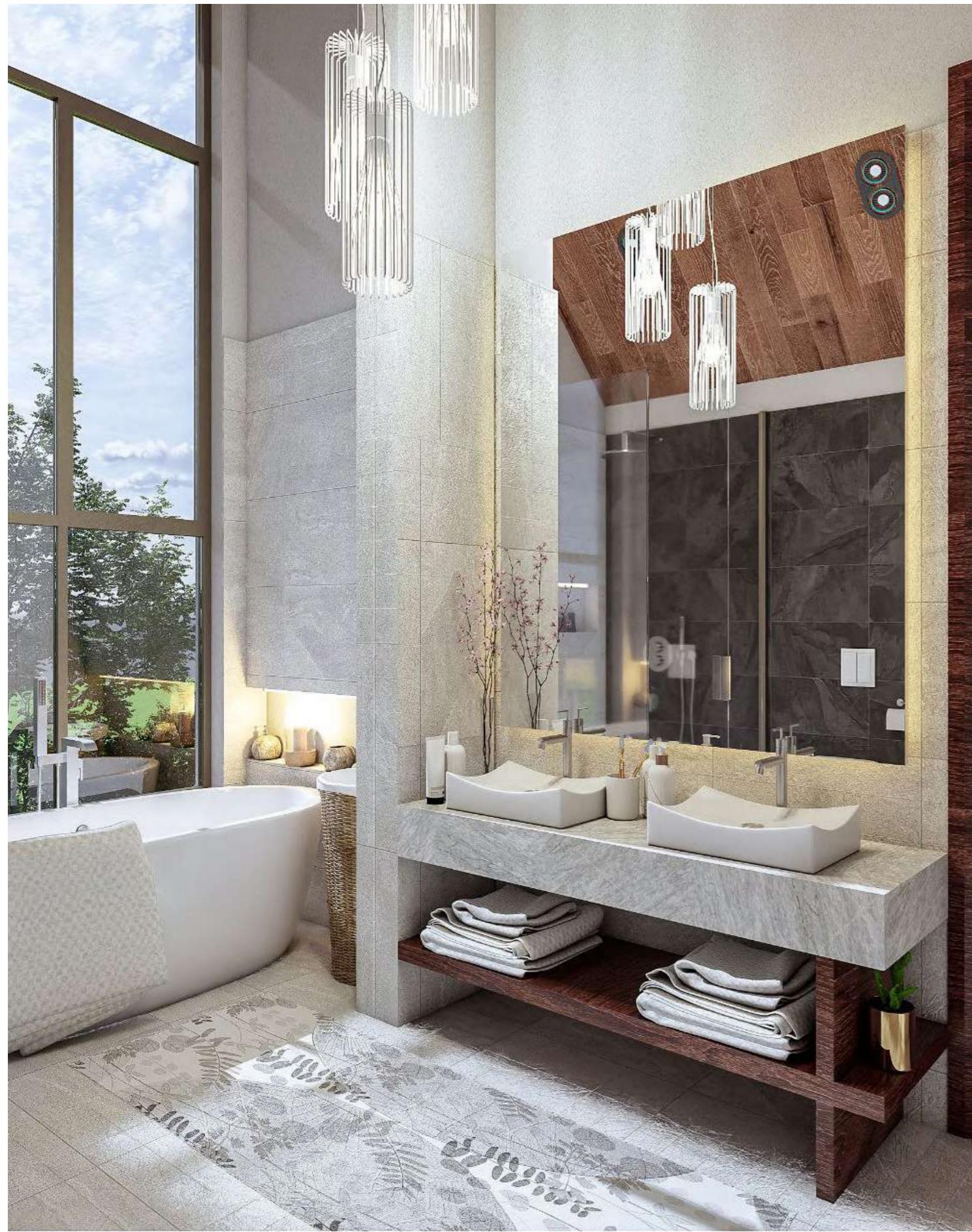


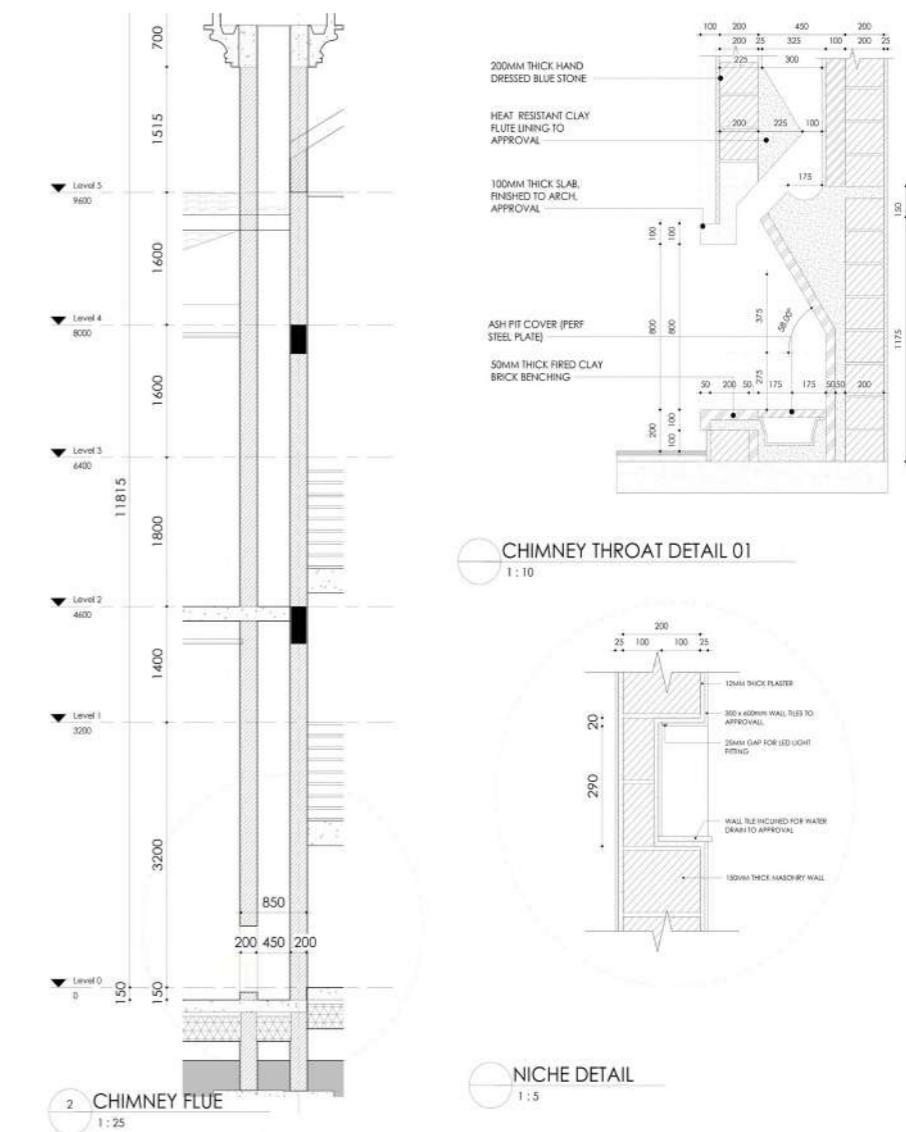
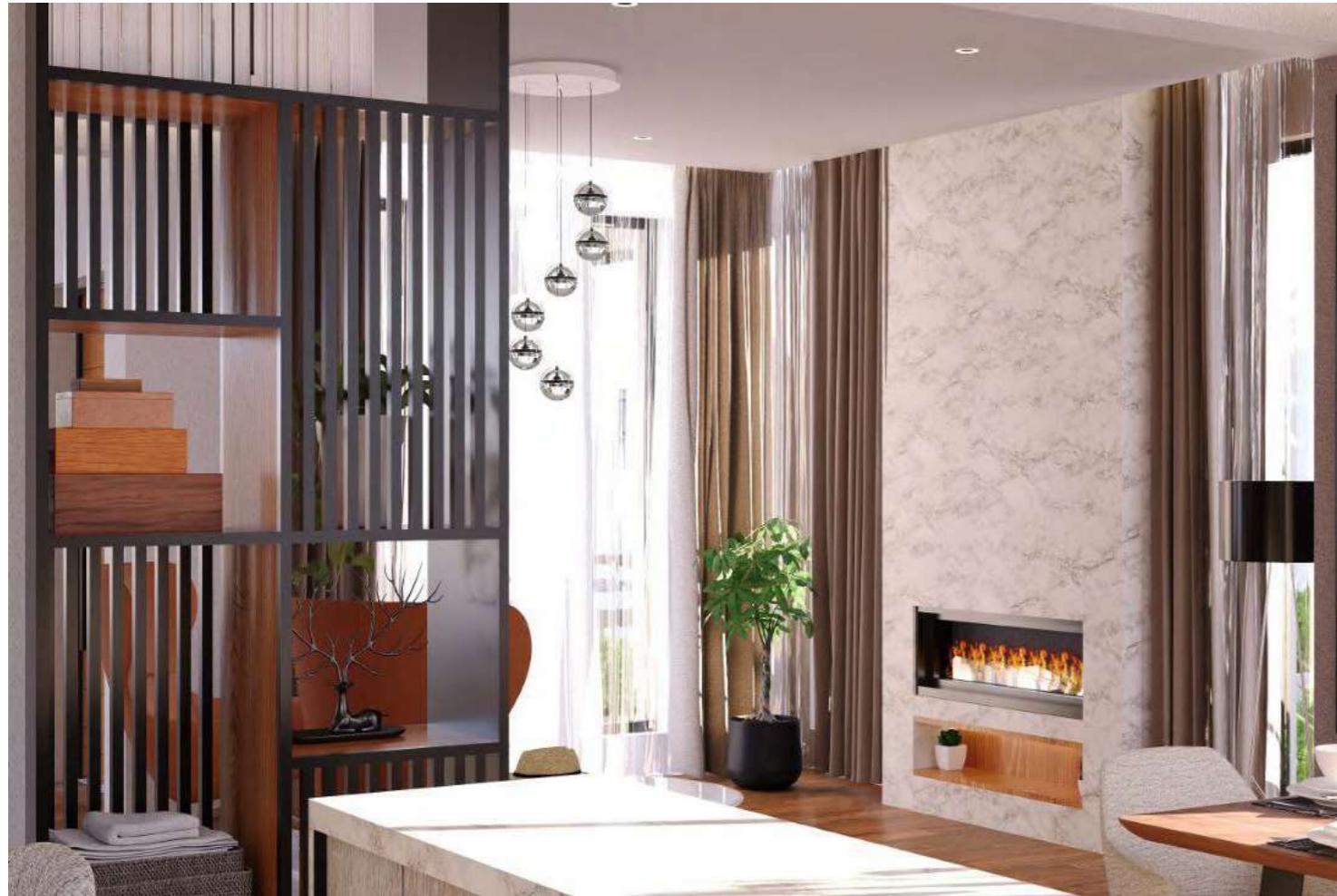


INTERIOR DESIGN
RESIDENTIAL PROJECTS

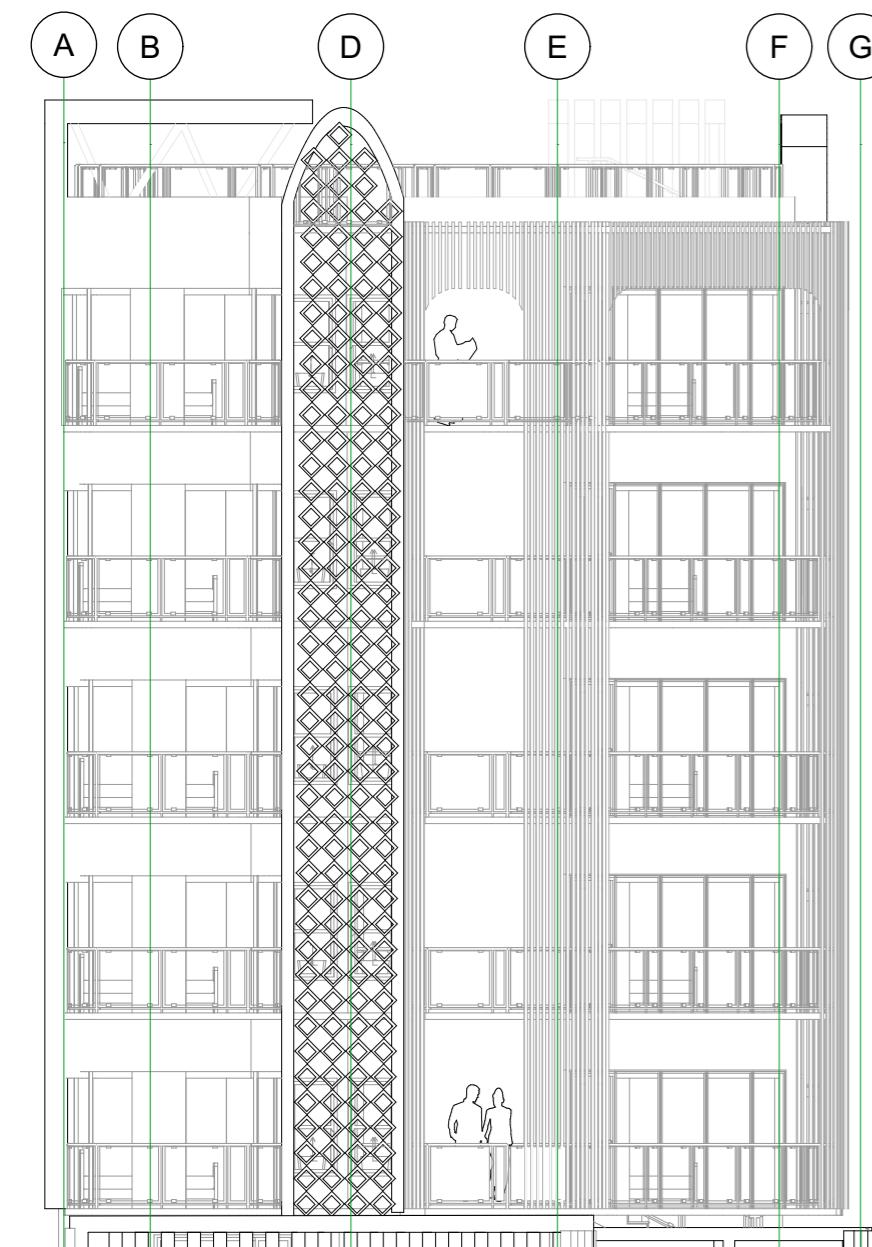












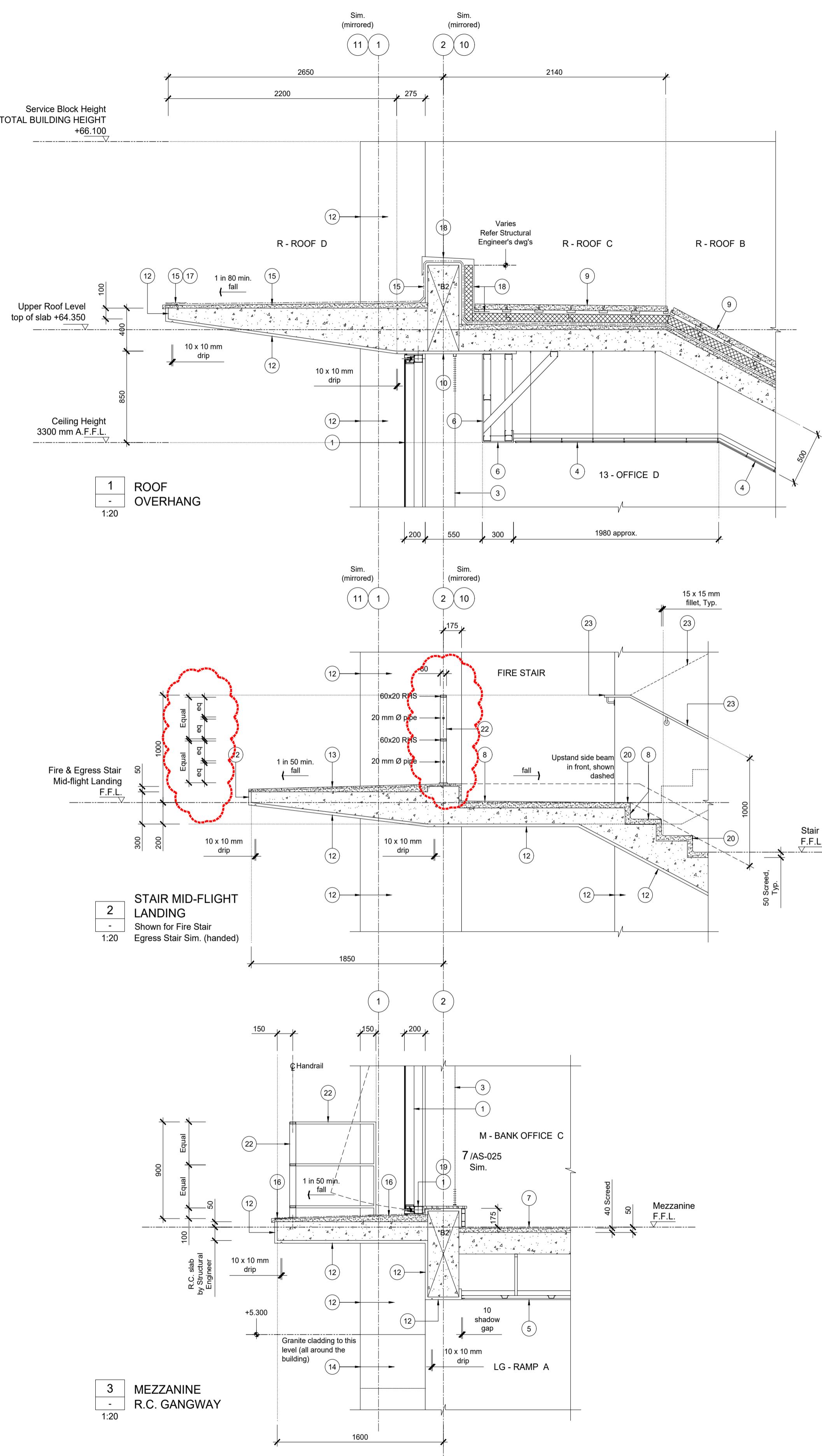
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A B D E F G



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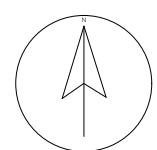
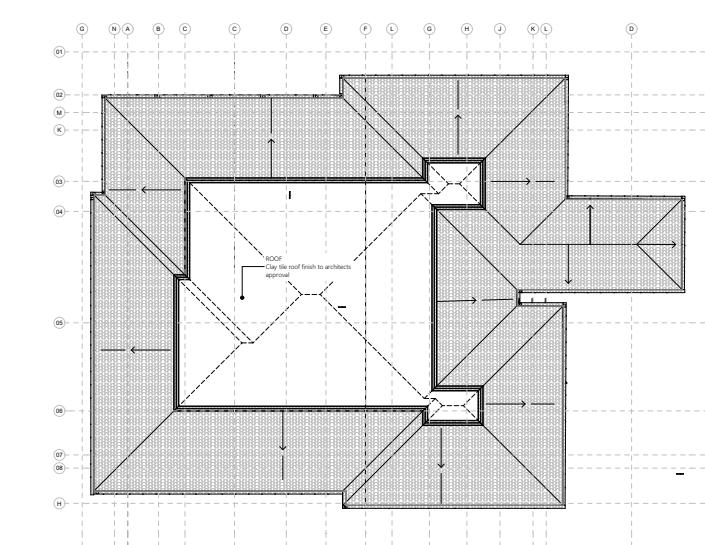
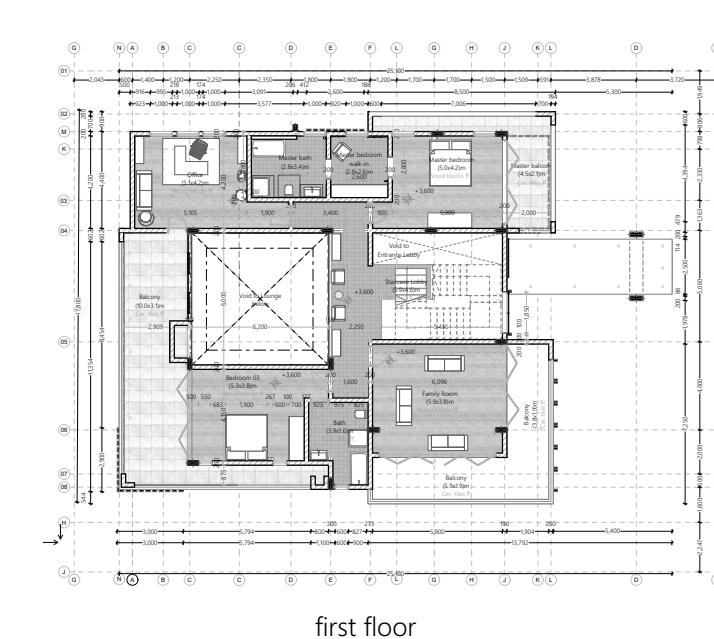
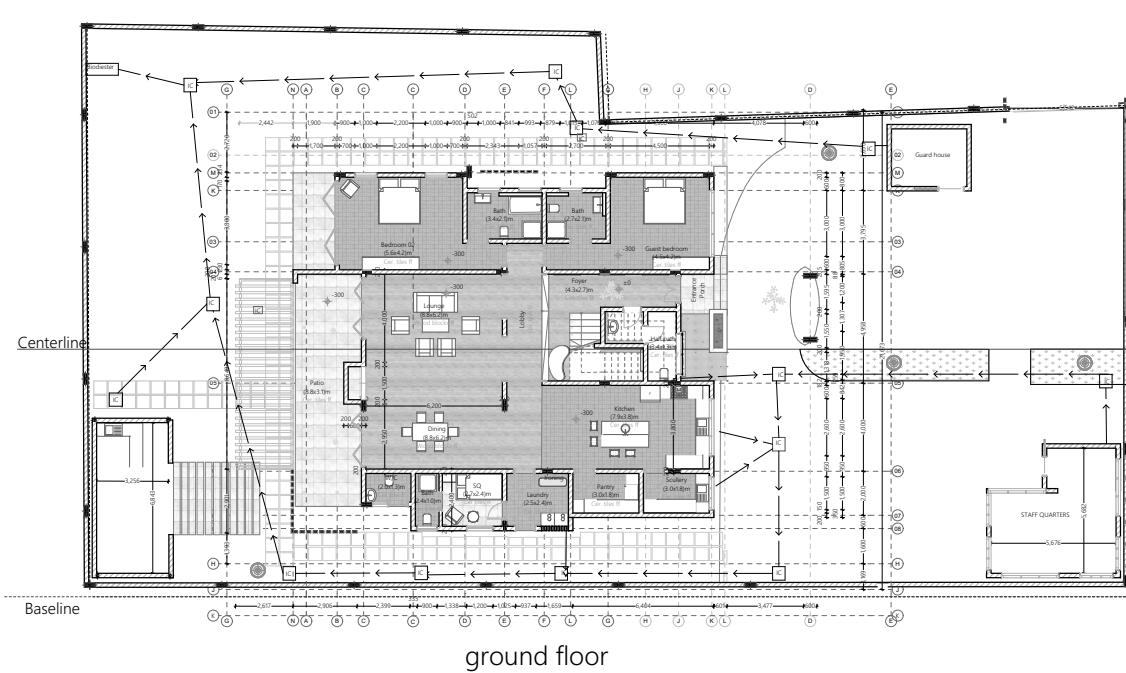
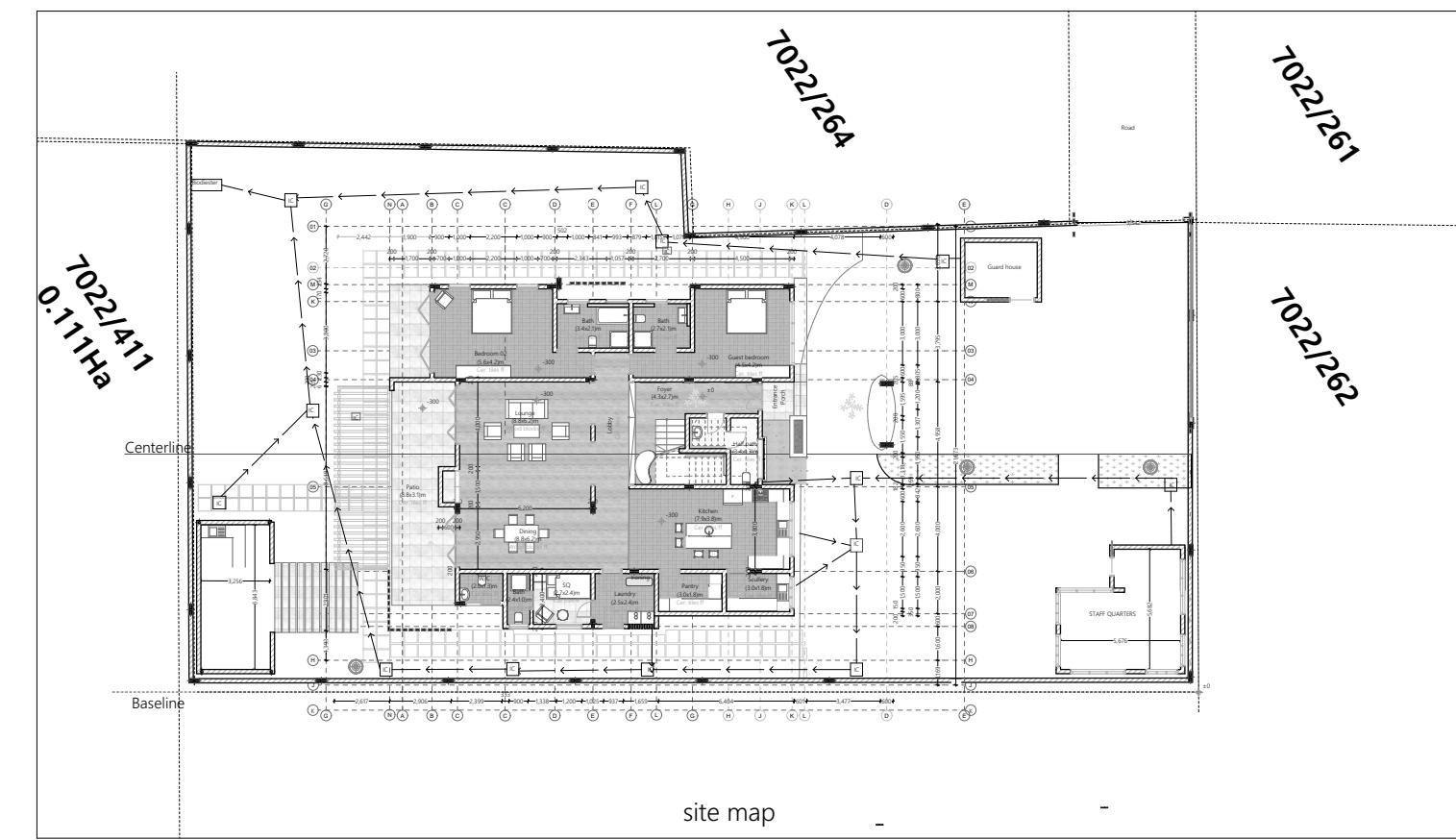
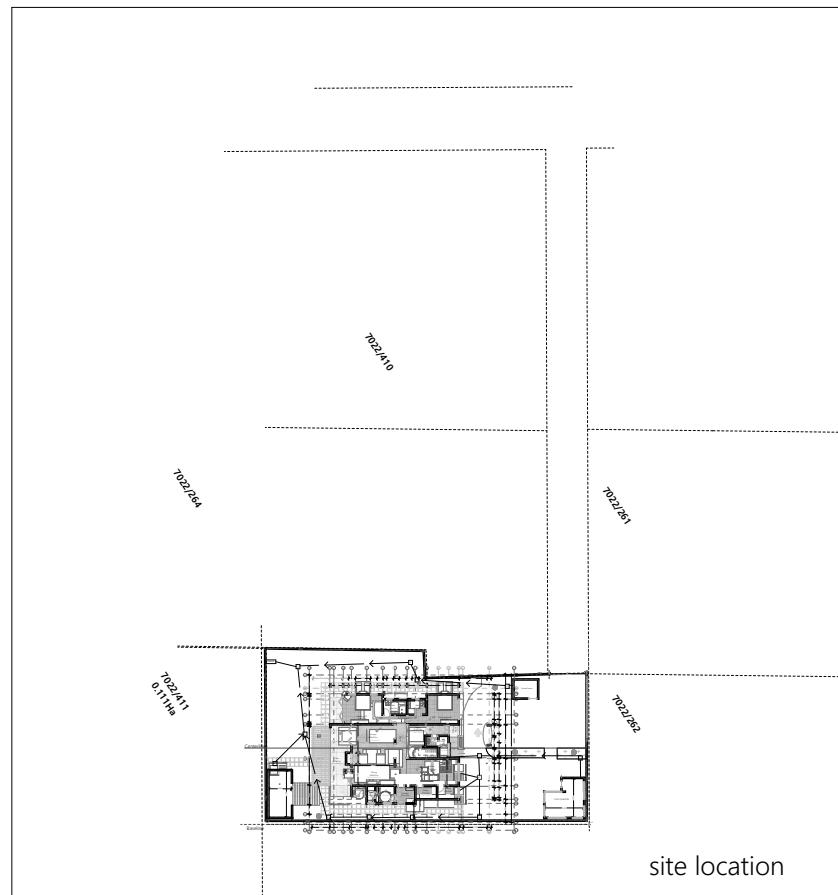


LEGEND:

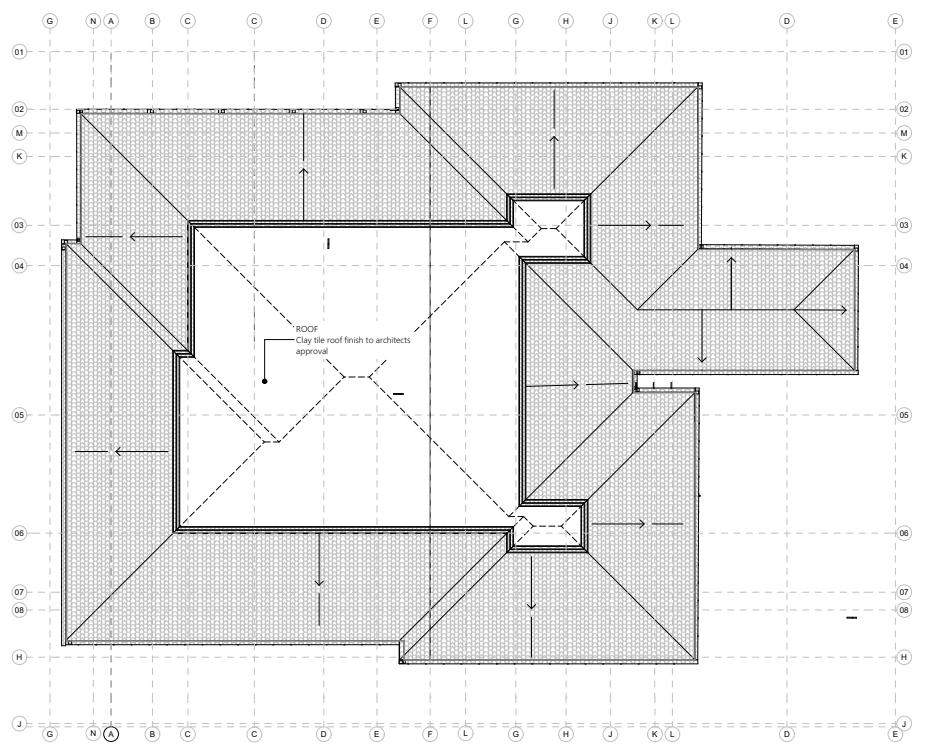
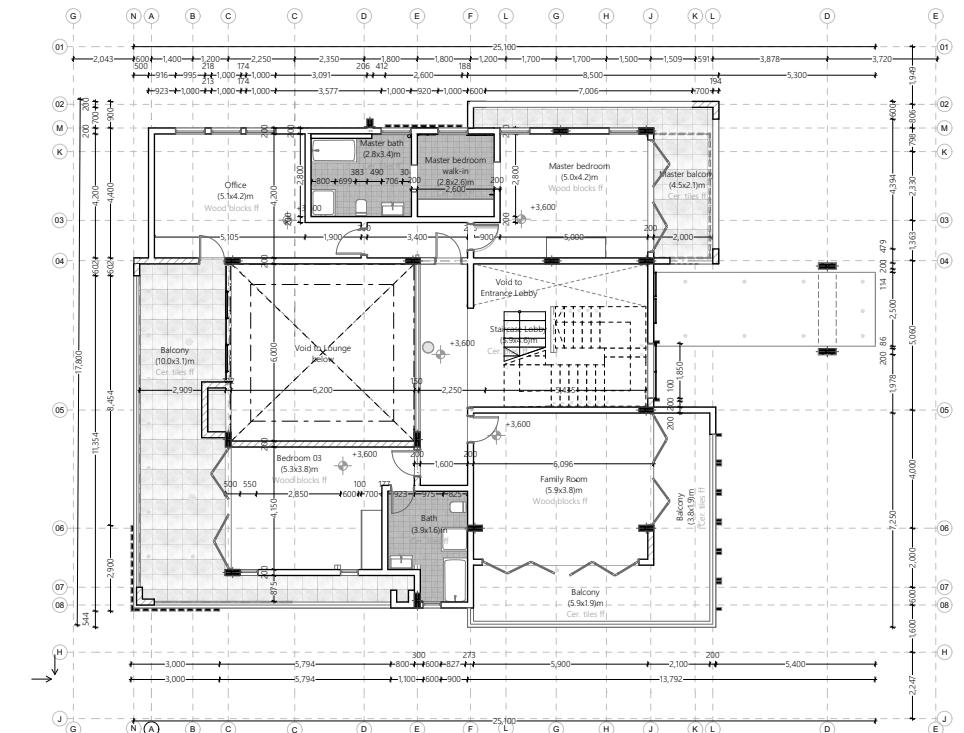
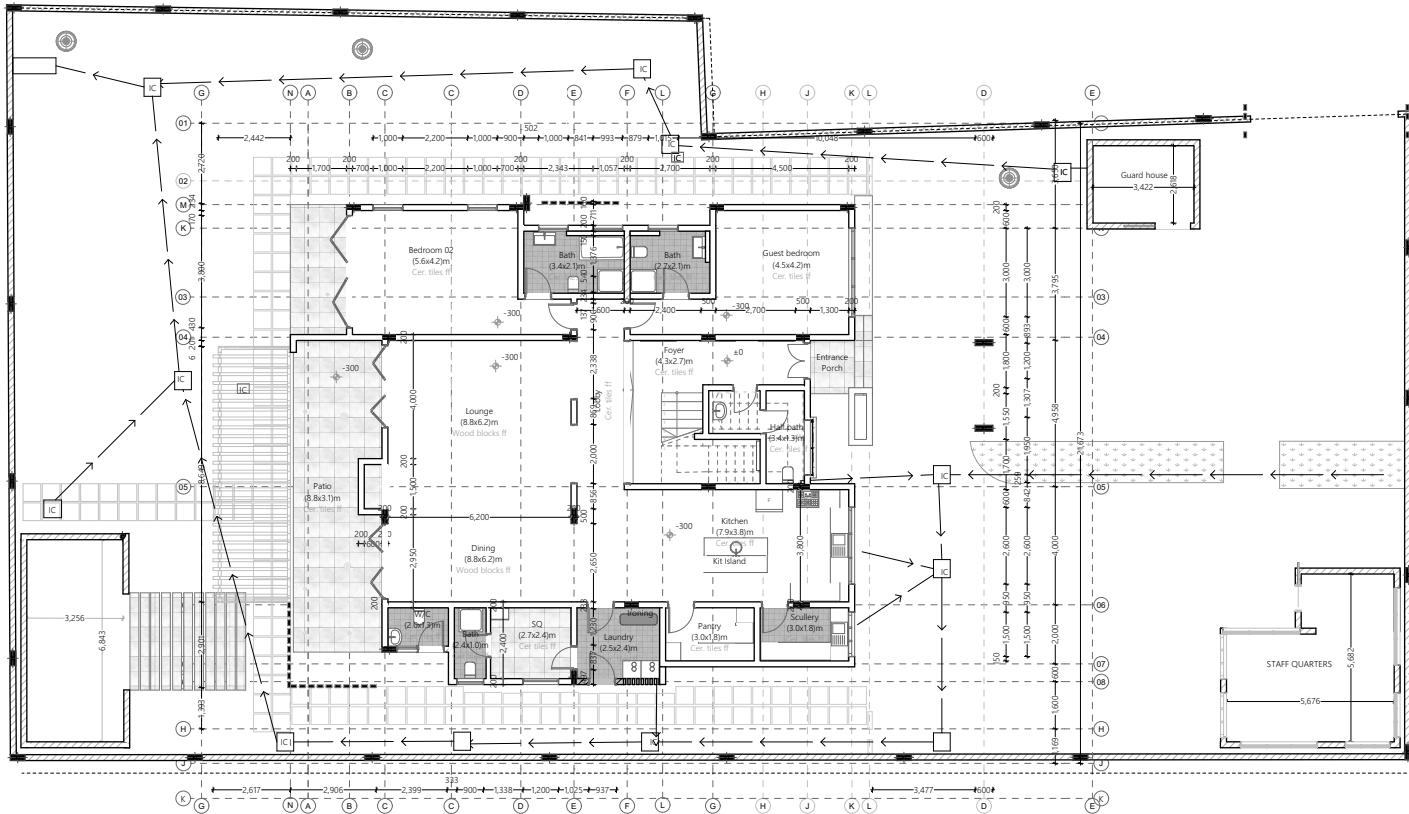
Sim. - Similar
Typ. - Typical
F.F.L. - Finished Floor Level
A.F.F.L. - Above Finished Floor Level

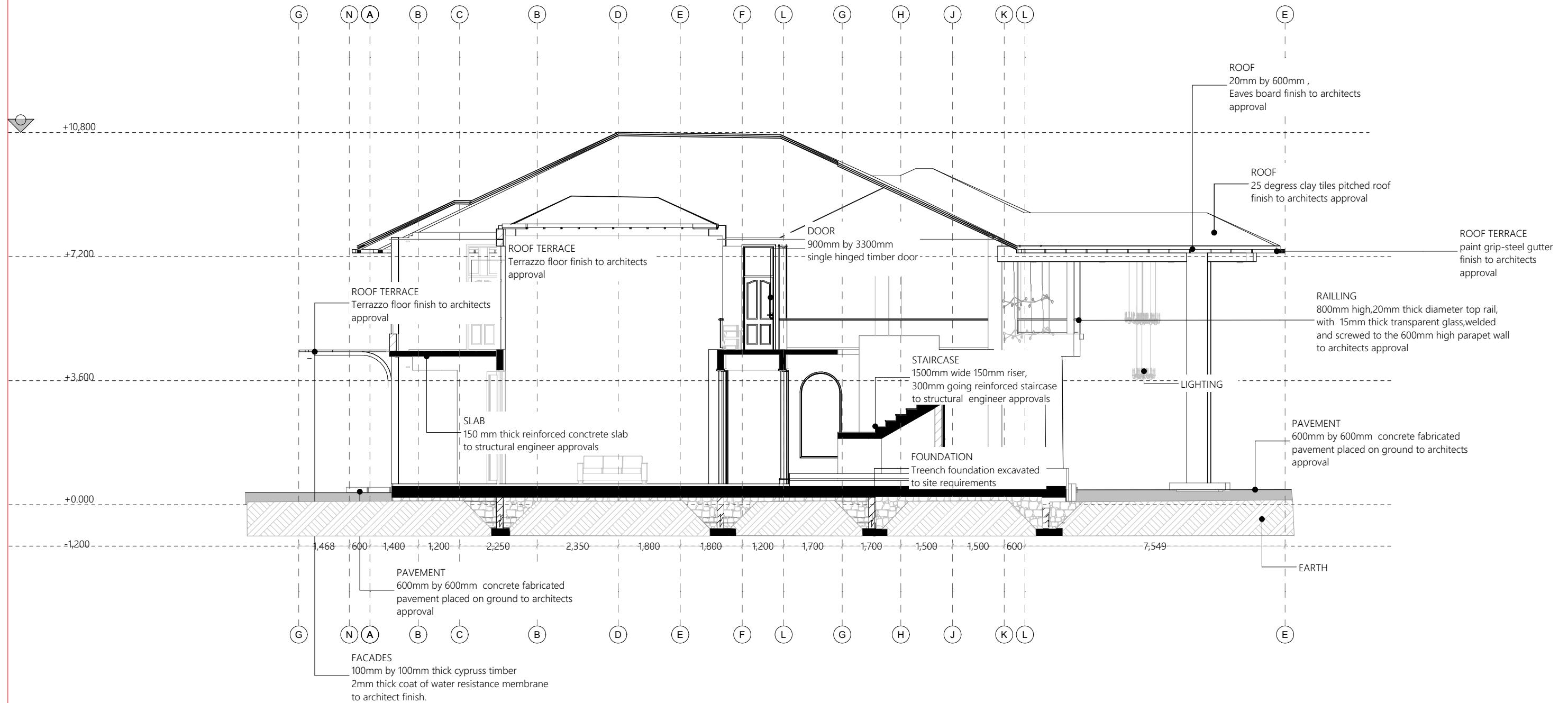
ITEM REFERENCES:

1. *Structural Glazing Semi-united System*
Refer to *DOOR & WINDOW SCHEDULE's dwg's SH/005 - 010* for details
 2. *Frameless Glazing System*
(*Spider Glazing*)
Refer to *DOOR & WINDOW SCHEDULE's dwg's SH/005 - 010* for details
 - 3a. *Pyropanel Fire Door System*
Refer to *DOOR & WINDOW SCHEDULE's dwg's SH/005 - 010* for details
 3. Window Treatments, shown indicative only. Not to be provided under this Contract - to be provided by Client
 4. Suspended Ceiling System. Refer to *REFLECTED CEILING PLAN's* for details
 5. Fibre cement board suspended ceiling. Refer to *GROUND FLOOR REFLECTED CEILING PLAN SH/028* for details
 6. 12.5 mm thick moisture resistant Gypsum plaster board lining on approved proprietary galvanised steel Suspended Ceiling System, for fixings @ 450 mm crs. max. Brace Bulkhead as required.
Paint finish as per *FINISHES SCHEDULE's*
 7. Cement screed floor finish on R.C. structure by Structural Engineer. Refer to *FINISHES PLAN's* for details
 8. 50 mm nominal thick cement screed with water repellent agent to stair treads, risers & landing, on R.C. stair structure by Structural Engineer. Refer to *FINISHES PLAN's* for details. Provide 15 x 15 mm fillets to all internal corners.
Refer to Engineer's dwg's for falls & drainage details
 9. Concrete roof slabs on proprietary spacers on insulation on waterproofing membrane on cement screed to fall. Refer to *UPPER ROOF LEVEL FLOOR FINISHES PLAN dwg. LO/025* for details
Refer to Engineer's dwg's for roof falls & drainage details
 10. Cement plaster and Stucco finish, to interior walls, ceiling, soffit, columns, beams, etc. Prepare to take paint finish. Refer to *FINISHES SCHEDULE's* for details
 11. R.C. wall structure left exposed to Service Spaces etc. Refer to *FINISHES SCHEDULE's* for details
 12. Decorative Plaster finish, to exterior walls, ceiling, soffit, etc, on cement plaster on wall structure. Refer to *FINISHES SCHEDULE's & ELEVATION's* for details
 13. Decorative Plaster exterior finish with water repellent agent, to top of Fire & Egress Stairs mid-flight cantilevered landing. On cement screed laid to fall (1 in 50 min.) on R.C. structure by Structural Engineer.
Refer to *FINISHES SCHEDULE's & ELEVATION's* for details
 14. Granite slab wall finish on cement plaster on wall structure by Structural Engineer. Refer to *FINISHES SCHEDULE's & ELEVATION's* for details
 15. Bitumen roof waterproofing membrane on cement screed to fall (1 in 80 min.) Refer *UPPER ROOF LEVEL FLOOR FINISHES PLAN dwg. LO/025* for details.
Provide proprietary aluminium edge flashing
 16. BITUMAT Synroof Hi-build Acrylic Waterproof Coating System for flat concrete roofs, colour: Grey, or approved equal. Provide primers, reinforcement matting (at upstand etc.), 2 coats, aluminium edge flashing etc. all in strict accordance as per Manufacturers recommendations. On cement screed to fall (1 in 50 min.) on R.C. structure by Structural Engineer.
Ensure waterproof coating is well flashed into glazing sill section, and around roof fixings / penetrations
 17. Acrylic Waterproofing Coating System (as described above) bandage over aluminium flashing
 18. Folded continuous aluminium apron / capping flashing
 19. Paintable elastic sealant. All glazing and exterior door units shall all be sealed water tight. Provide backing polystyrene rods as necessary
 20. Step nosing. GENESIS NRA50 50 x 45 x 2.5 mm Aluminium Retro-fit Stair Nosing, or approved equal. Typical, to all stair nosings
 21. ex 50 mm thick hardwood protective upstand nosing. Provide chamfered edge & non-slip rebates as shown
 22. Steel fabricated Gangway & Stair Handrails. Refer to *ELEVATION's & various FLOOR PLAN's* for extent of handrailing. Handrails to be fabricated from 60 x 20 mm steel RHS (on flat), top handrail, 1 no. mid rail and uprights. Provide 2 no. intermediate horizontal rails as indicated. Handrail system to be complete with all uprights, baseplates, stainless steel fixings, dome nuts, etc.
Hammered paint finish to handrail, refer *FINISHES SCHEDULE* for details
 23. Steel fabricated handrail as described above, only for wall fixing. Provide wall fixing insert type brackets, epoxied into drilled holes
 24. Stainless steel mesh facade complete with all fittings and fixings as per Specialists / Suppliers details and requirements Refer to *BILL of QUANTITIES* for details
 25. Stainless steel mesh facade galvanised steel fixing bracket. Refer to Structural Engineer's dwg's for details. Provide galvanised steel shims under angle bracket at fixing points to ensure a gap is provided for roof water run-off
 26. Light fitting. Refer to Engineer's dwg's & Specification for details
 27. Provide reinforced taped junction between plaster board & plastered R.C. soffit to ensure no cracking occurs









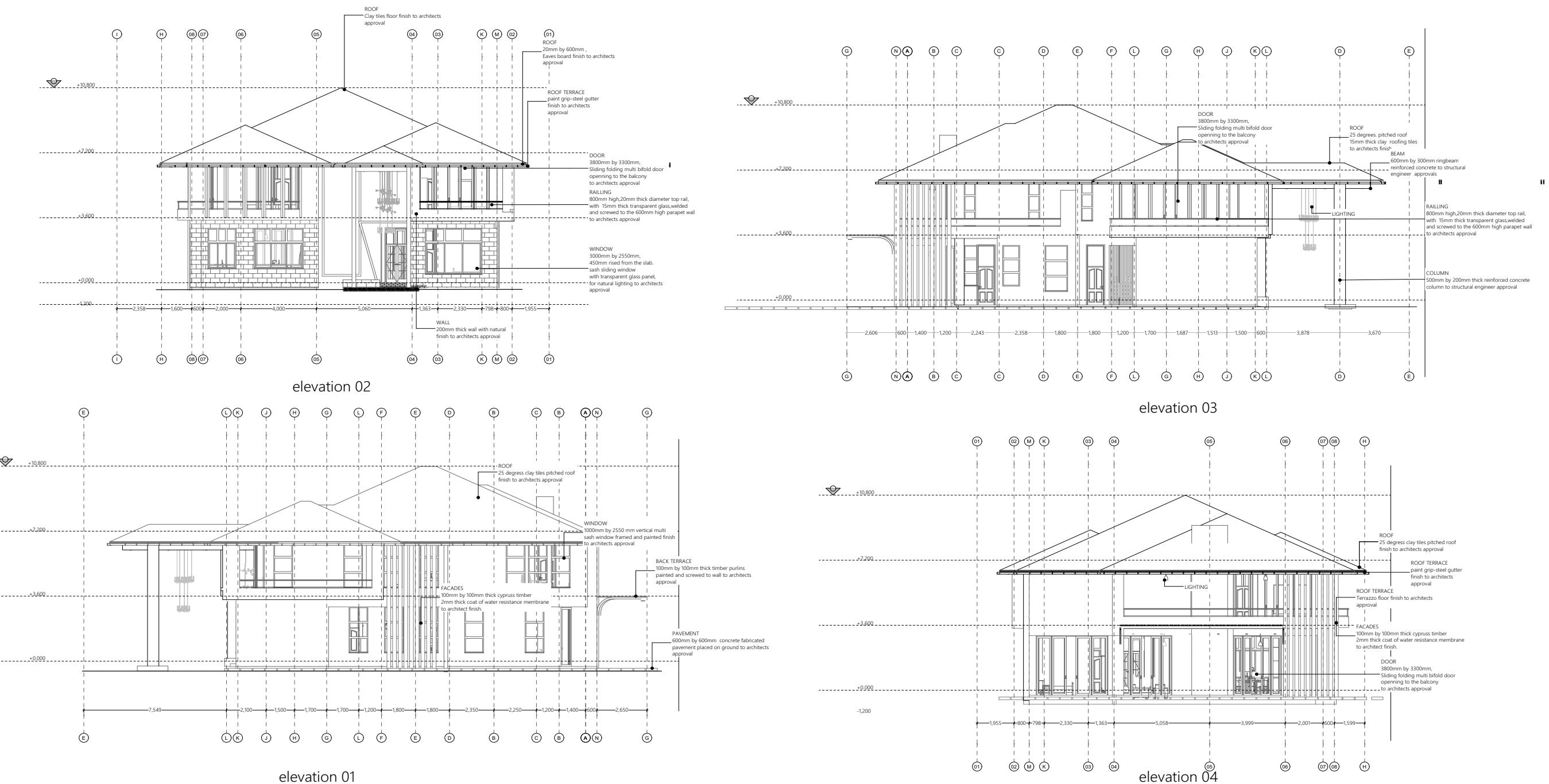
Door Schedule							
Element ID	Opening Name	Quantity	W x H Size	Orientation	Head height	2D Symbol	3D Back View
D02	Sliding Folding Multi...	1	2,550×3,300		3,300		
	Sliding Folding Multi...	1	2,800×3,300		3,300		
D04	Door with Transom 26	1	800×3,300	L	3,300		
	Door with Transom 26	1	800×3,300	R	3,300		
	Door with Transom 26	4	900×3,300	R	3,300		
	Door with Transom 26	5	900×3,300	L	3,300		
D05	Exterior Sliding Door...	1	2,500×2,100	R	2,350		
	Sliding Folding Multi...	1	3,800×3,300		3,300		
D06	Door 26	1	3,440×3,000	L	3,000		
	Door with Transom 26	1	800×3,000	L	3,000		
	Door with Transom 26	1	900×3,000	L	3,000		
	Door with Transom 26	6	900×3,000	R	3,000		
	Exterior Sliding Door...	1	900×2,100	R	2,100		
	Rectangular Door O...	1	900×3,000		3,000		
	Simple Door Opening	1	3,900×3,000		3,000		
	Sliding Folding Multi...	1	4,150×3,000		3,000		
	Sliding Folding Multi...	1	5,300×3,000		3,000		
	Sliding Folding Multi...	2	3,800×3,000		3,000		
D07	Exterior Sliding Door...	1	2,500×2,100	R	2,350		
D08	Pocket Door 26	1	1,200×2,100	R	2,100		
D09	Pocket Door 26	1	900×2,100	L	1,900		
DOO - 001	Metal Door 26	1	800×2,100	L	2,100		
	Metal Door 26	1	800×2,100	R	2,100		
DOO - 002	Door 26	1	2,000×3,300	R	3,300		
	Door 26	1	4,848×3,300	L	3,300		
	Double Door with Tr...	1	1,200×3,000	L	3,000		
DOO - 003	Door 26	1	2,000×3,300	L	3,300		

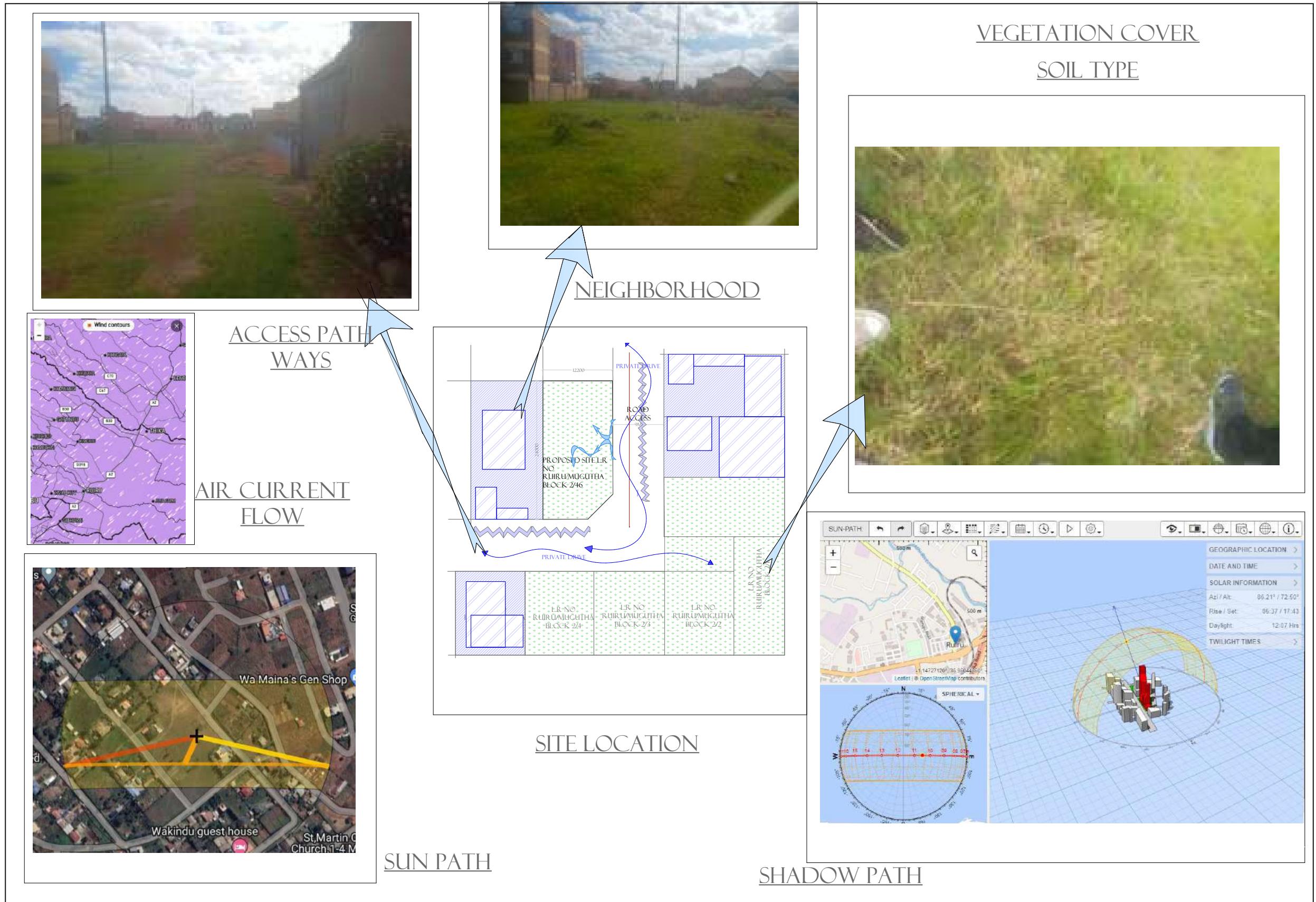
door schedule

door schedule

Window Schedule							
Element ID	Opening Name	Quantity	W x H Size	Orientation	2D Symbol	3D Back View	
W01	3-Sash Sliding Wind...	1	3,000×2,550				
	3-Sash Sliding Wind...	4	2,600×2,250				
	3-Sash Sliding Wind...	5	1,500×2,250				
	Simple Window Ope...	1	1,850×2,550	L			
	Simple Window Ope...	1	1,850×2,999	R			
	Simple Window Ope...	1	800×1,200	L			
	Simple Window Ope...	2	1,000×2,700	R			
	Vertical Multi-Sash ...	1	1,200×2,550				
	Vertical Multi-Sash ...	1	600×2,250				
	Vertical Multi-Sash ...	1	710×2,250				
	Vertical Multi-Sash ...	1	900×2,250				
	Vertical Multi-Sash ...	2	600×2,550				
	Vertical Multi-Sash ...	6	1,000×2,550				
	Vertical Multi-Sash ...	8	1,000×2,551				
W02	Simple Window Ope...	1	800×1,200	L			
W03	Simple Window Ope...	1	800×1,200	L			

window schedule







EARTH MAP



AFRICAN MAP

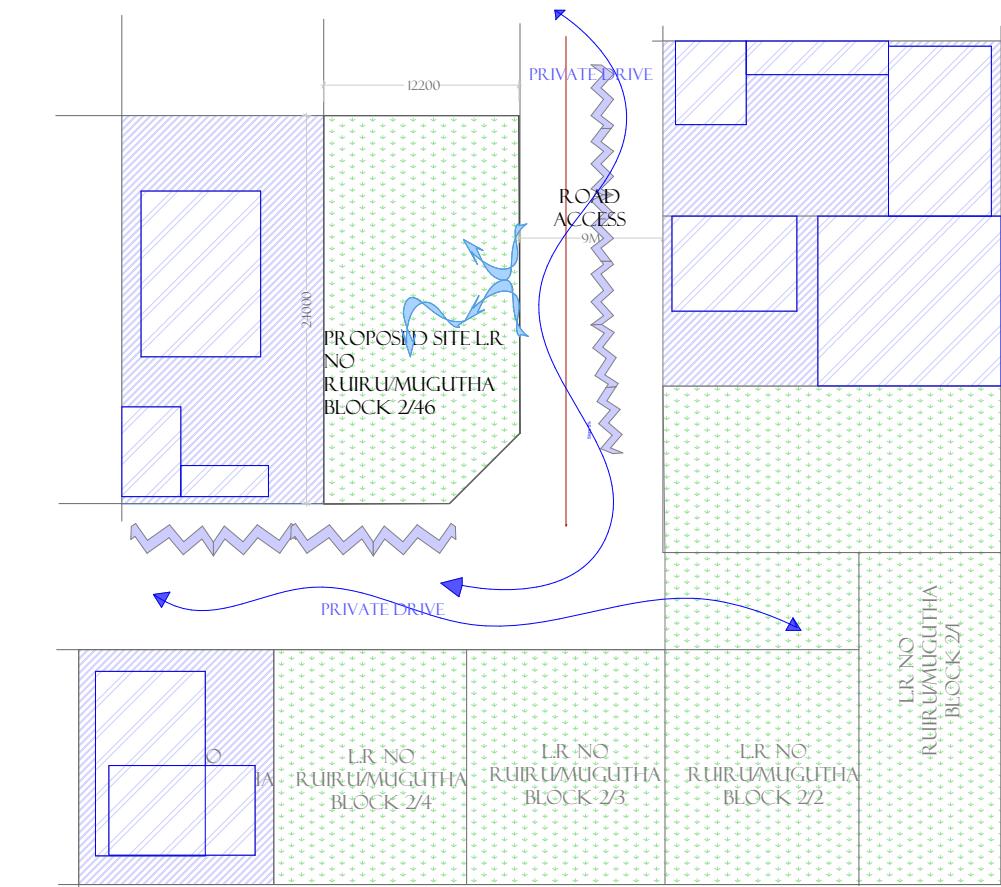


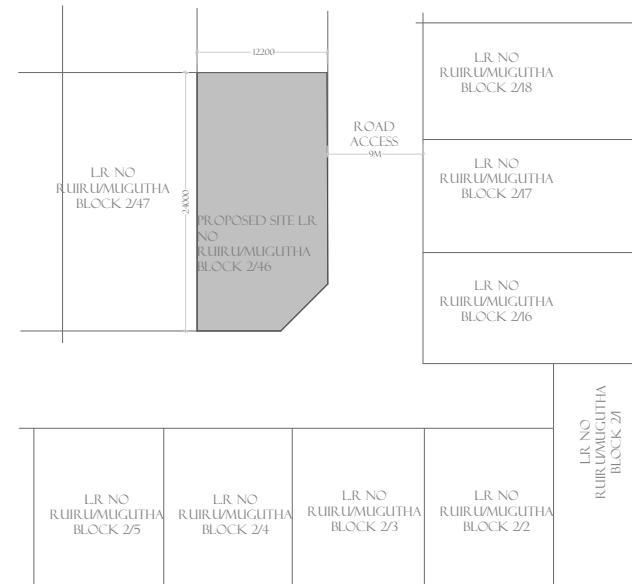
KENYAN MAP



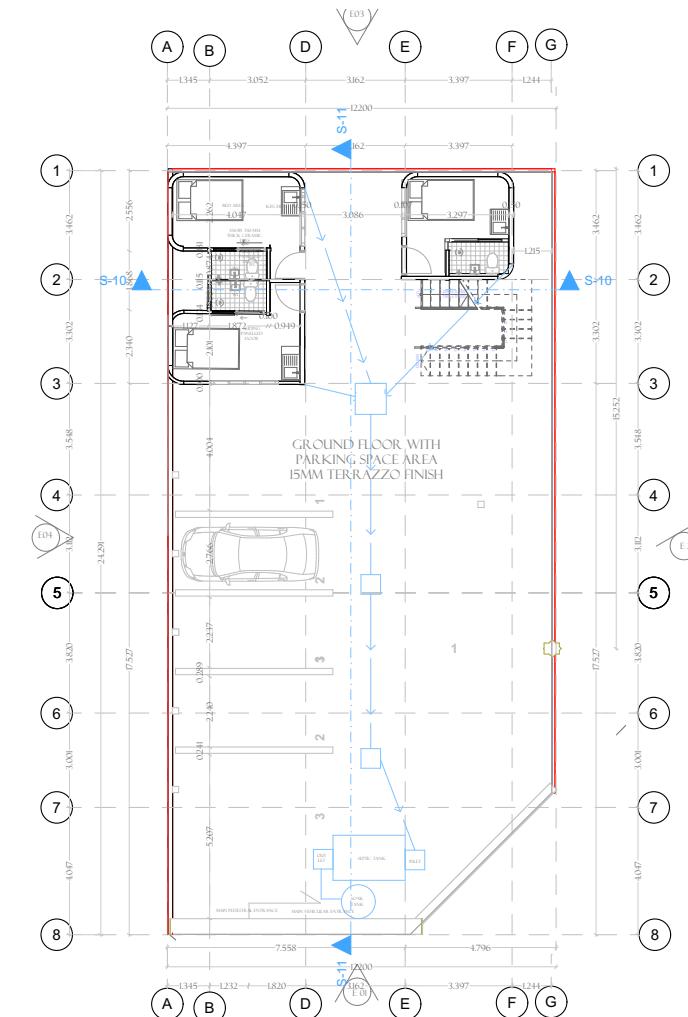
RUIRU MUGUTHA WARD IN KENYA MAP

RUIRU
MUGUTHA
PLOT
NUMBER
2/46

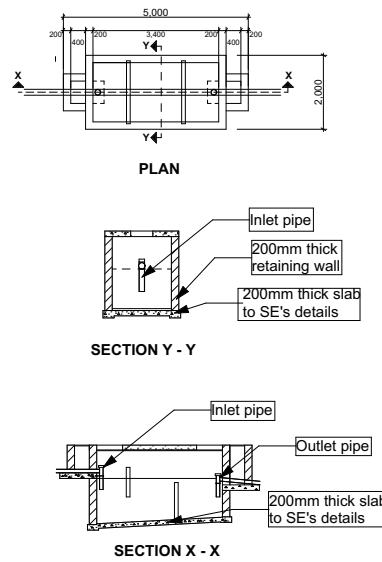




BLOCK PLAN



SEPTIC TANKS NOTES		
Capacity in Lts:	9000	
No. of persons:	30	
Desulging intervals:	2 years	
NOTES		
1. Cover slab to be reinforced with 10mm bars both ways-concrete class 20 (1 : 2 : 4)		
2. Base slab to be concrete class A mix (1:3:6)		
3. Outlet and inlet pipes to 100mm diameter cast iron.		
4. Scum baffle to be 100mm thick with 2 no. 10mm bars at both ends concrete class 20.		
5. Dividing wall to be 100mm thick concrete class 20 reinforced with weld mesh no. 65		



TYPE	CAPACITY IN LITRES	NO. OF PERSONS	DESULGING INTERVALS	DIMENSIONS IN MM						
				A	B	C	D	E	F1	F2
A	3000	10	2	800	1000	1000	3000	800	1200	1400
B	6000	20	2	800	1400	1200	3600	1400	1500	1400
C	9000	30	2	800	1400	1200	3600	1800	1500	1400
D	12000	40	2	800	1600	1400	4000	2000	1500	1300
E	15000	50	2	800	1600	1400	4000	2400	1500	1200
F	22500	100	1.5	800	3600	1800	5600	3000	1850	1500
G	45000	200	1.5	800	5600	2800	8600	3600	2040	1500
H	67500	300	1.5	800	7600	3800	11600	4000	2260	1500
I	90000	400	1.5	800	8800	4400	13600	4000	2380	1500

