



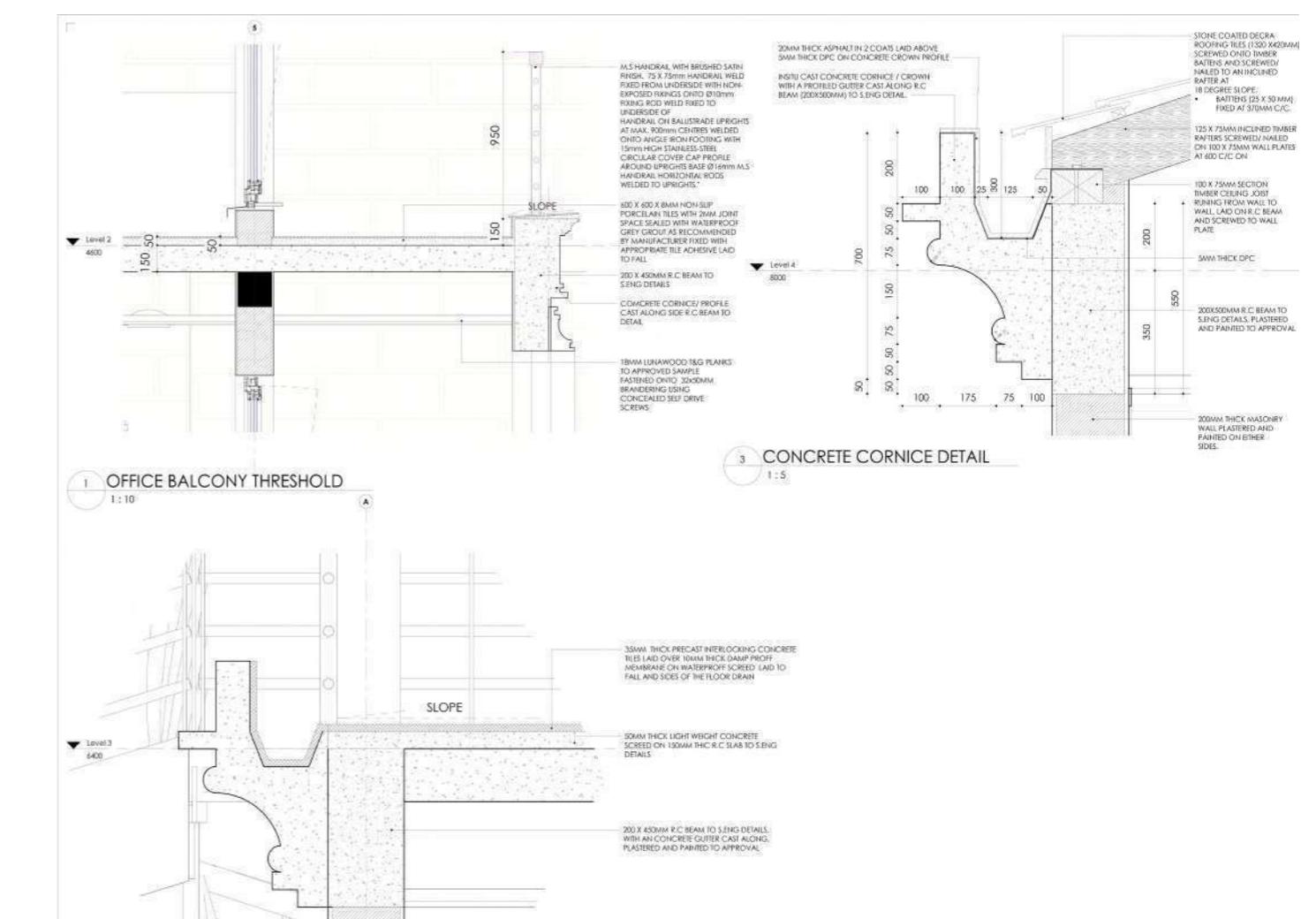
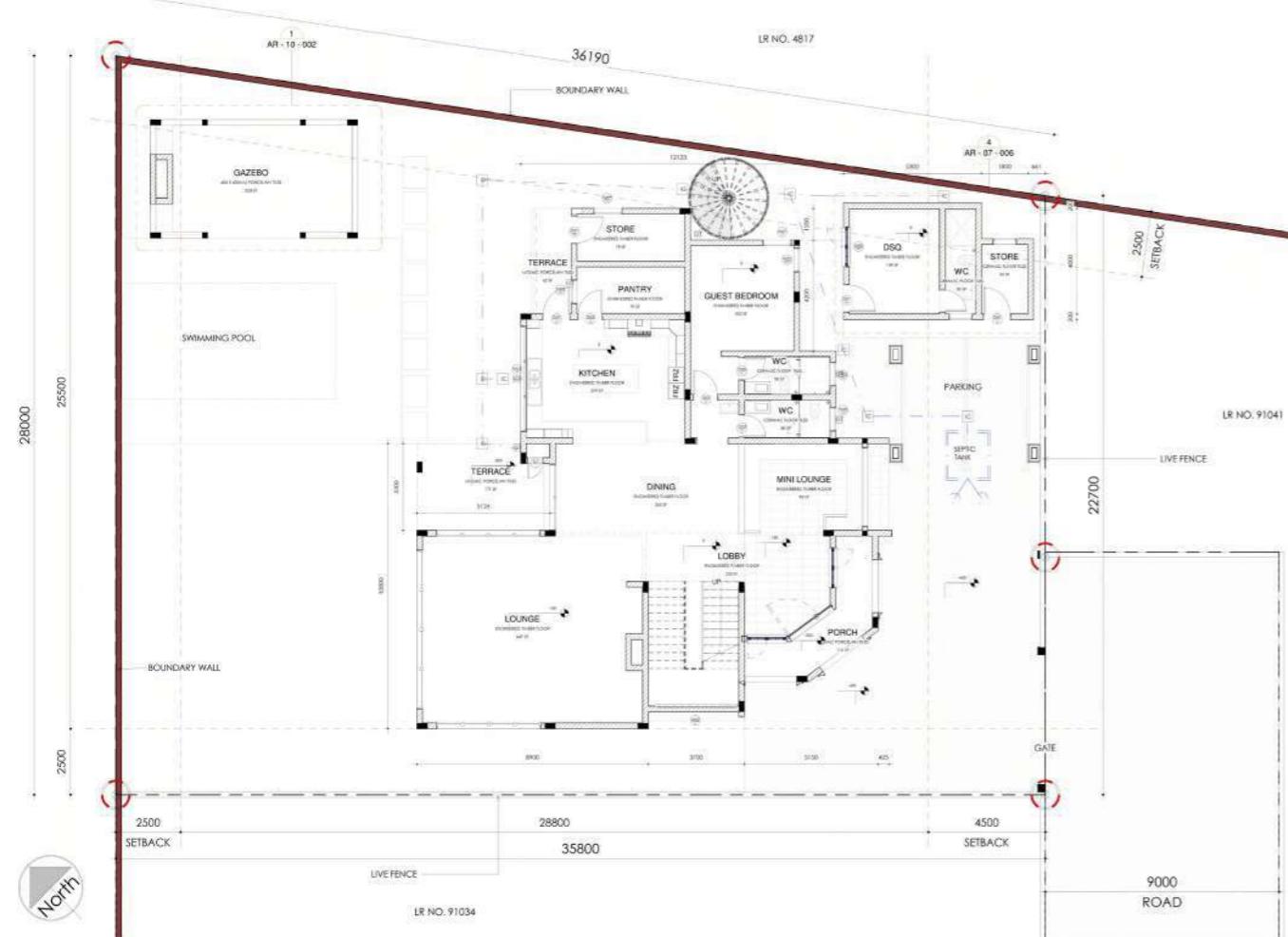
ARCHITECTURAL PORTFOLIO

NICK. MUASYA. MUNYWOKI



LOCATION-KERARAPON-KAJIADO-KENYA

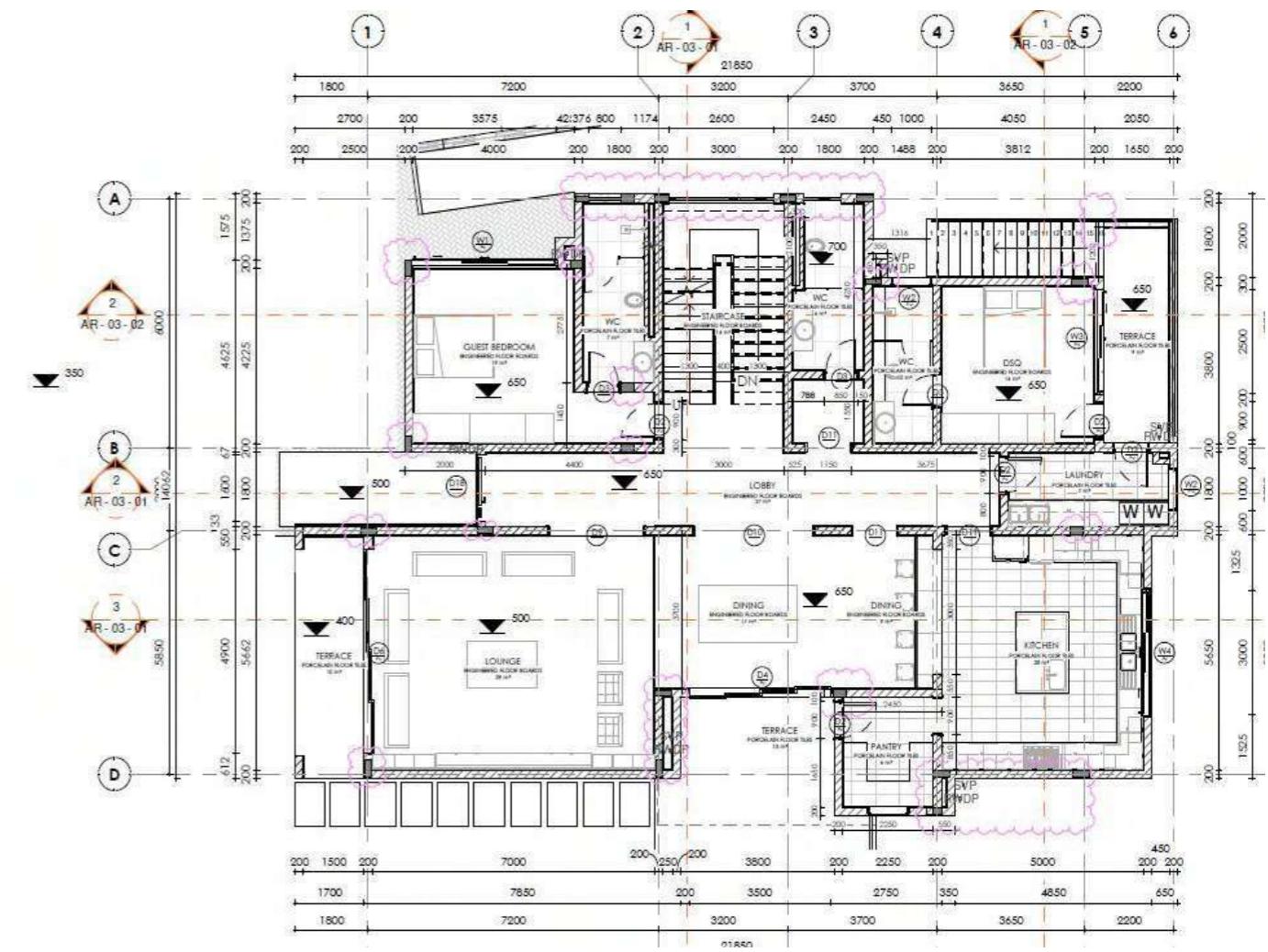
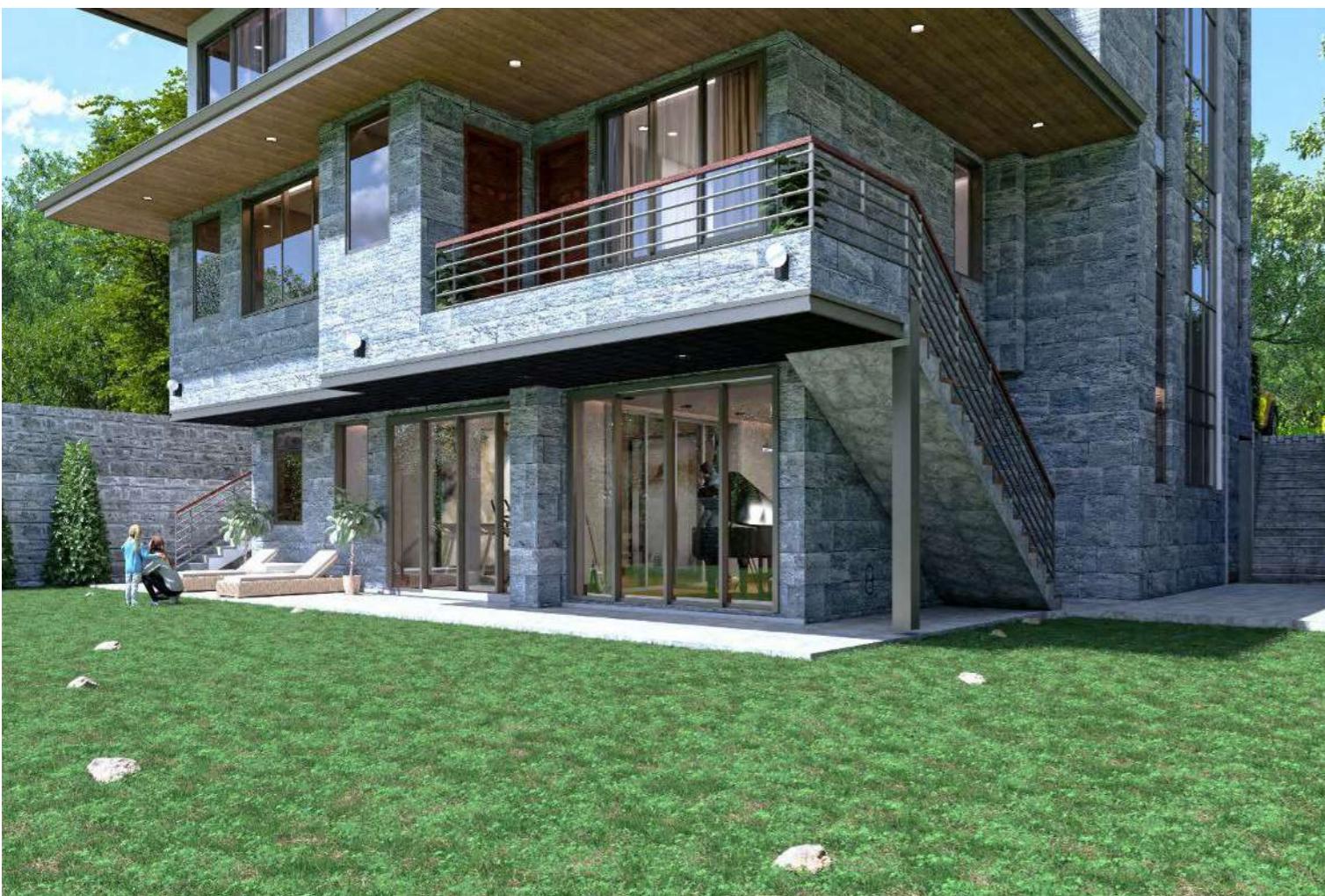
SCOPE - DESIGN , CONSTRUCTION & PROJECT MANAGEMENT





LOCATION - DAYKIO BUSTANI - KENYA

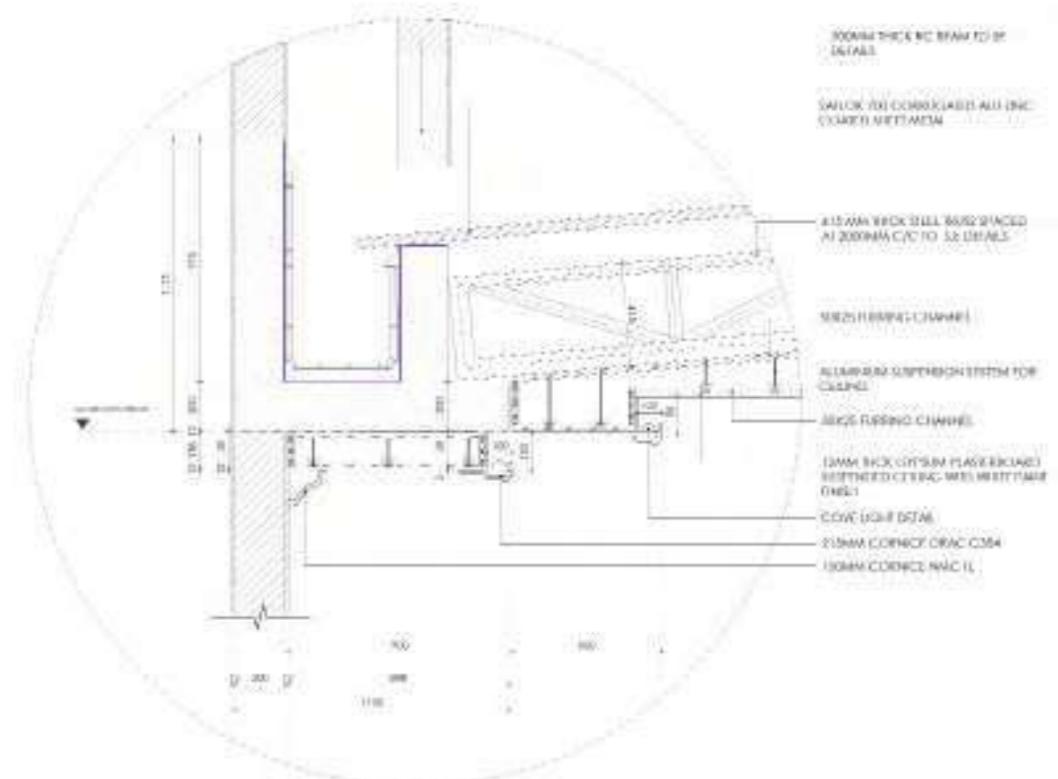
SCOPE - DESIGN & PROJECT MANAGEMENT





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

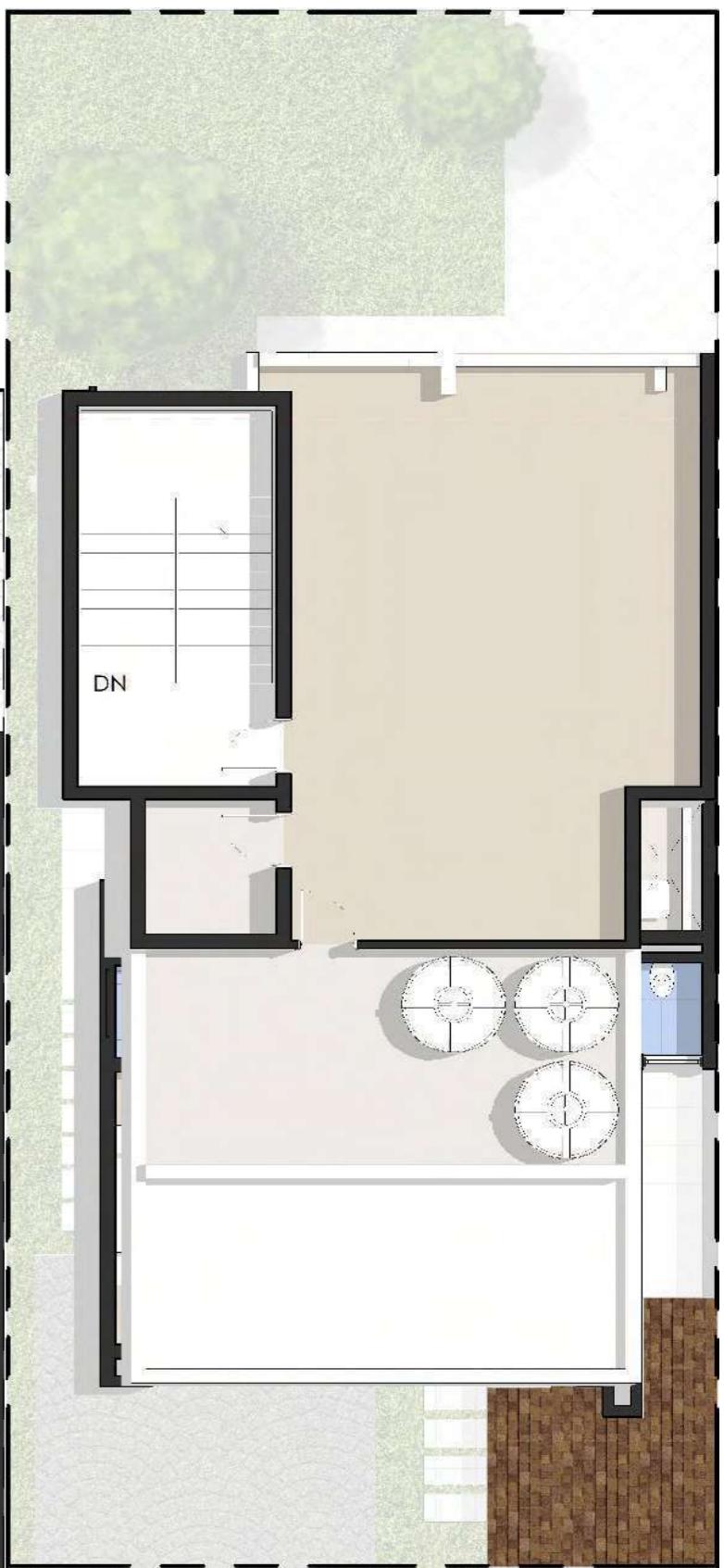


LOCATION - LAVINGTON - NAIROBI - KENYA

SCOPE - DESIGN & PROJECT MANAGEMENT



Ground floor plan

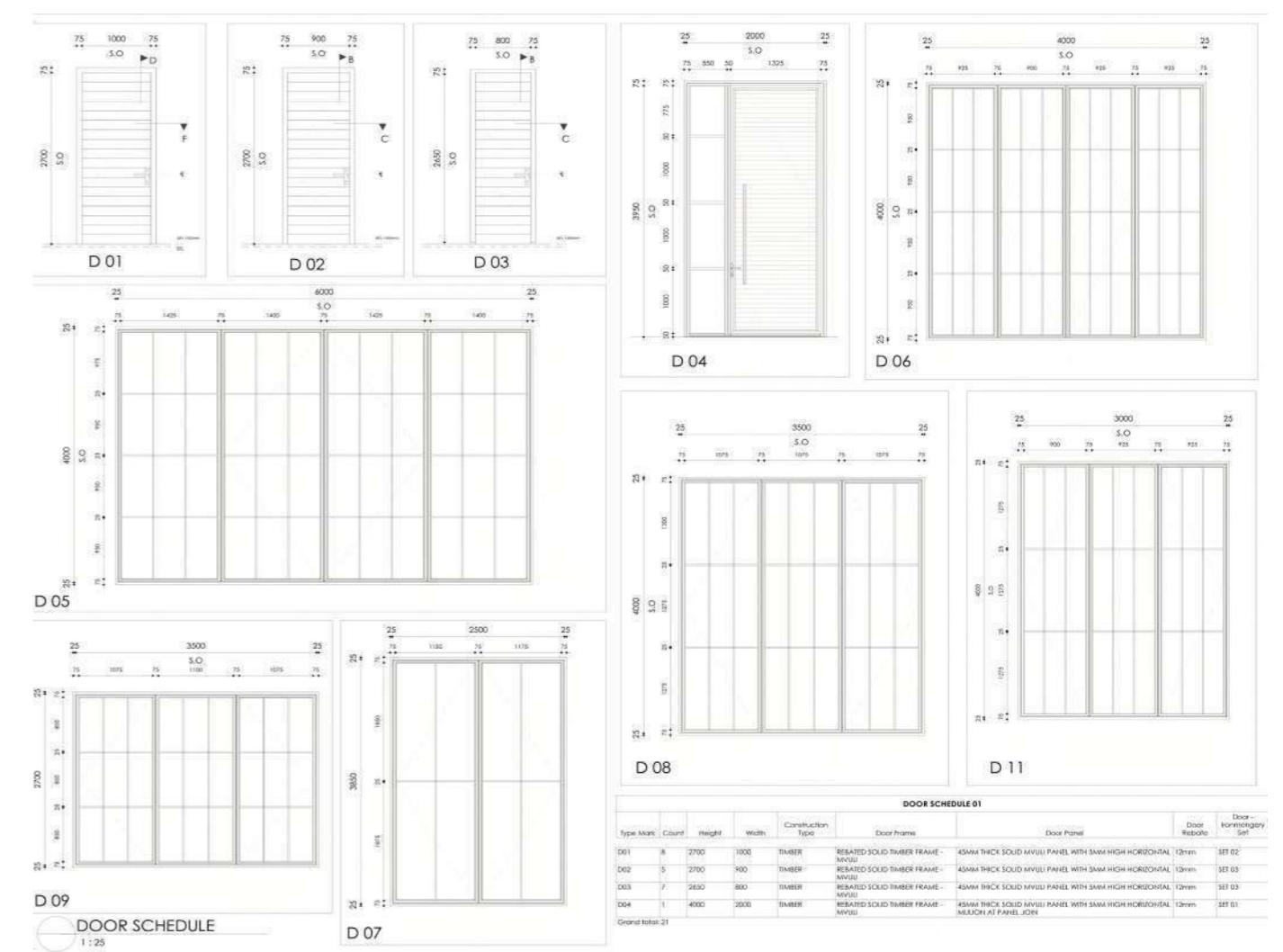


Roof plan



LOCATION - KITENGELA - KENYA

SCOPE - DESIGN & PROJECT MANAGEMENT





LOCATION-TATUCITY, KIAMBU - KENYA

SCOPE - DESIGN & PROJECT MANAGEMENT





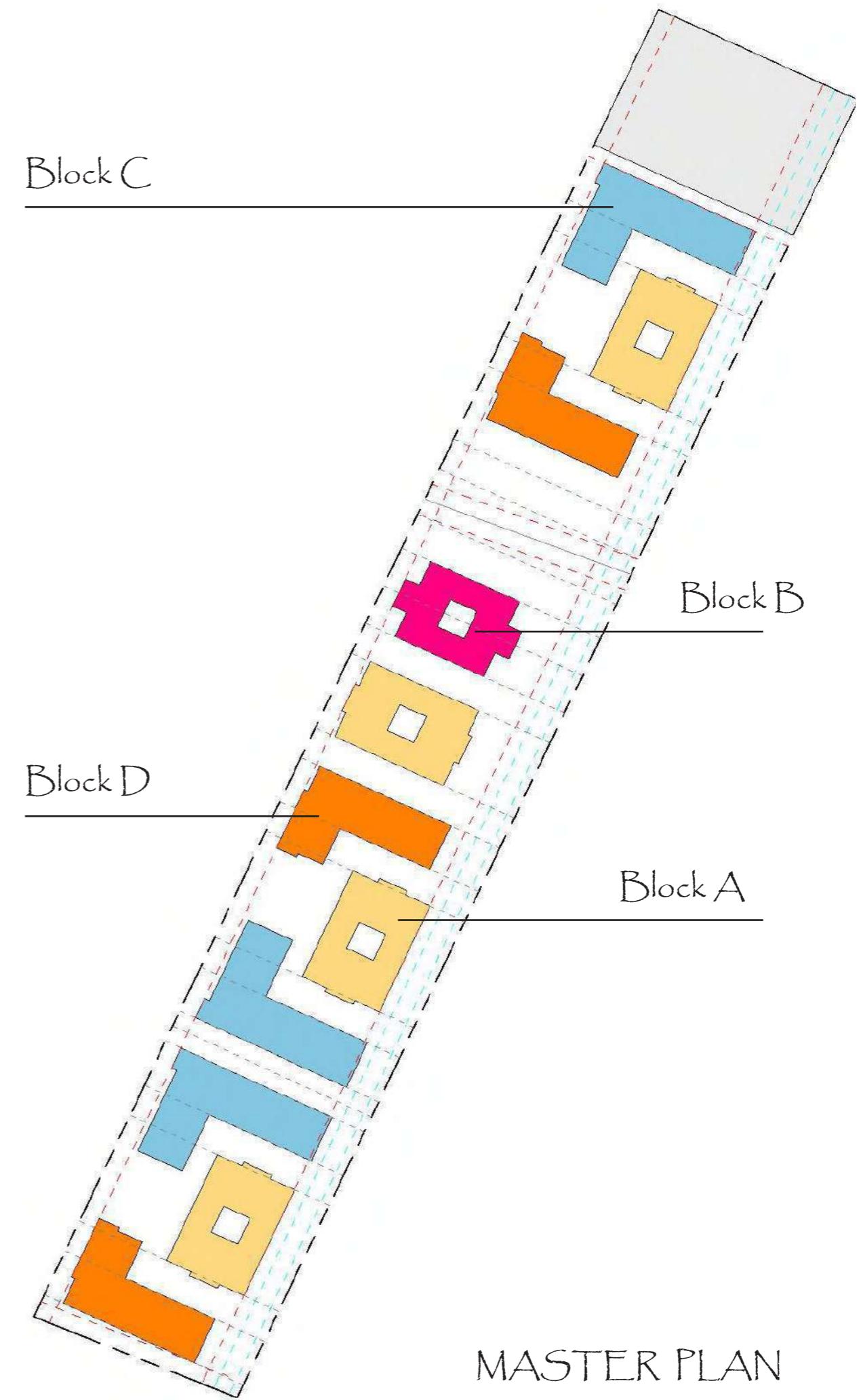
TITLE - MANOR PARK ESTSTE

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.



CLASTER A

SETBACK



Cluster A - Section 01



Proposal.

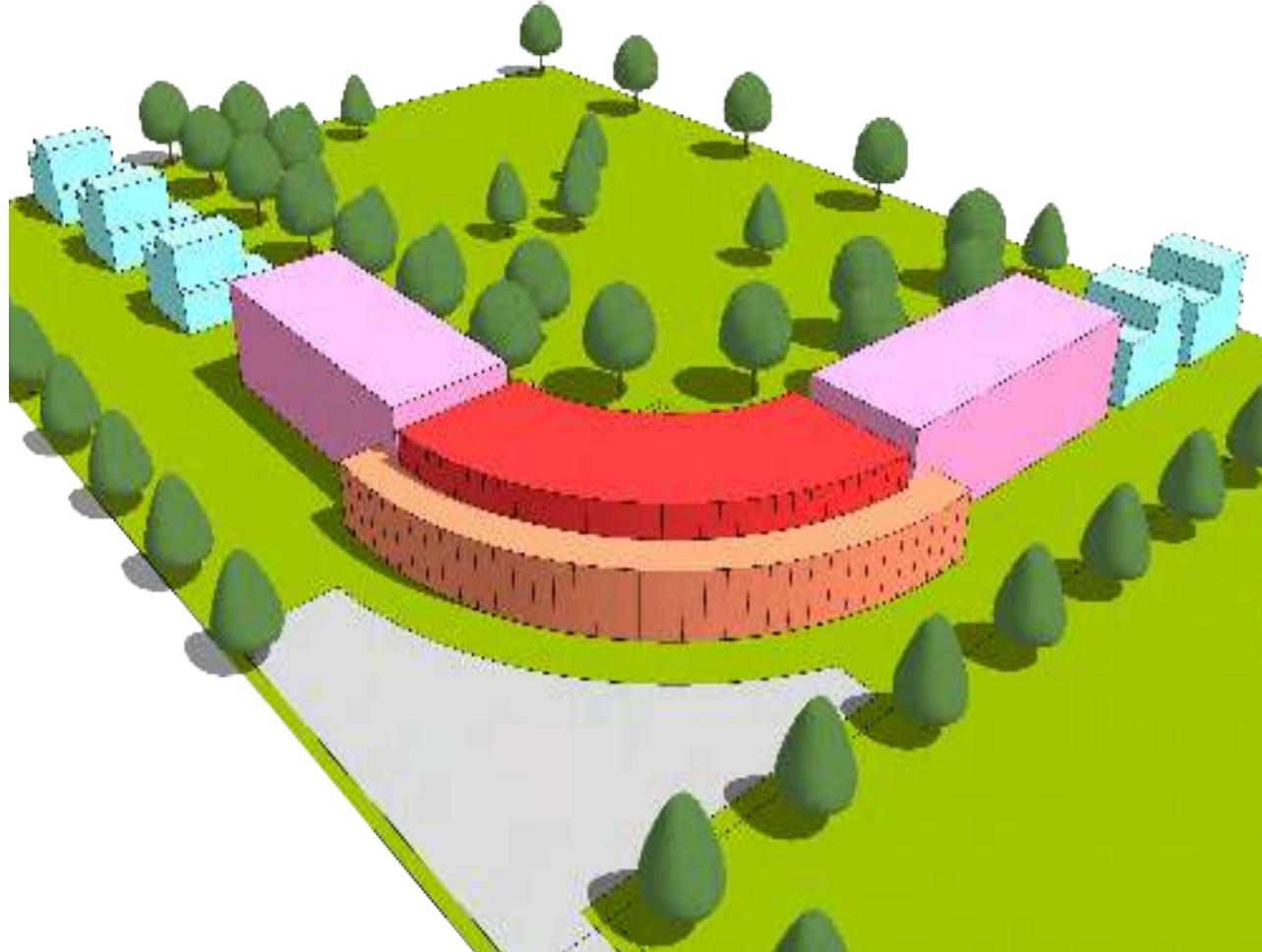
TITLE BETHEL WELLNESS CENTRE.

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 - KAROGO ESTATE

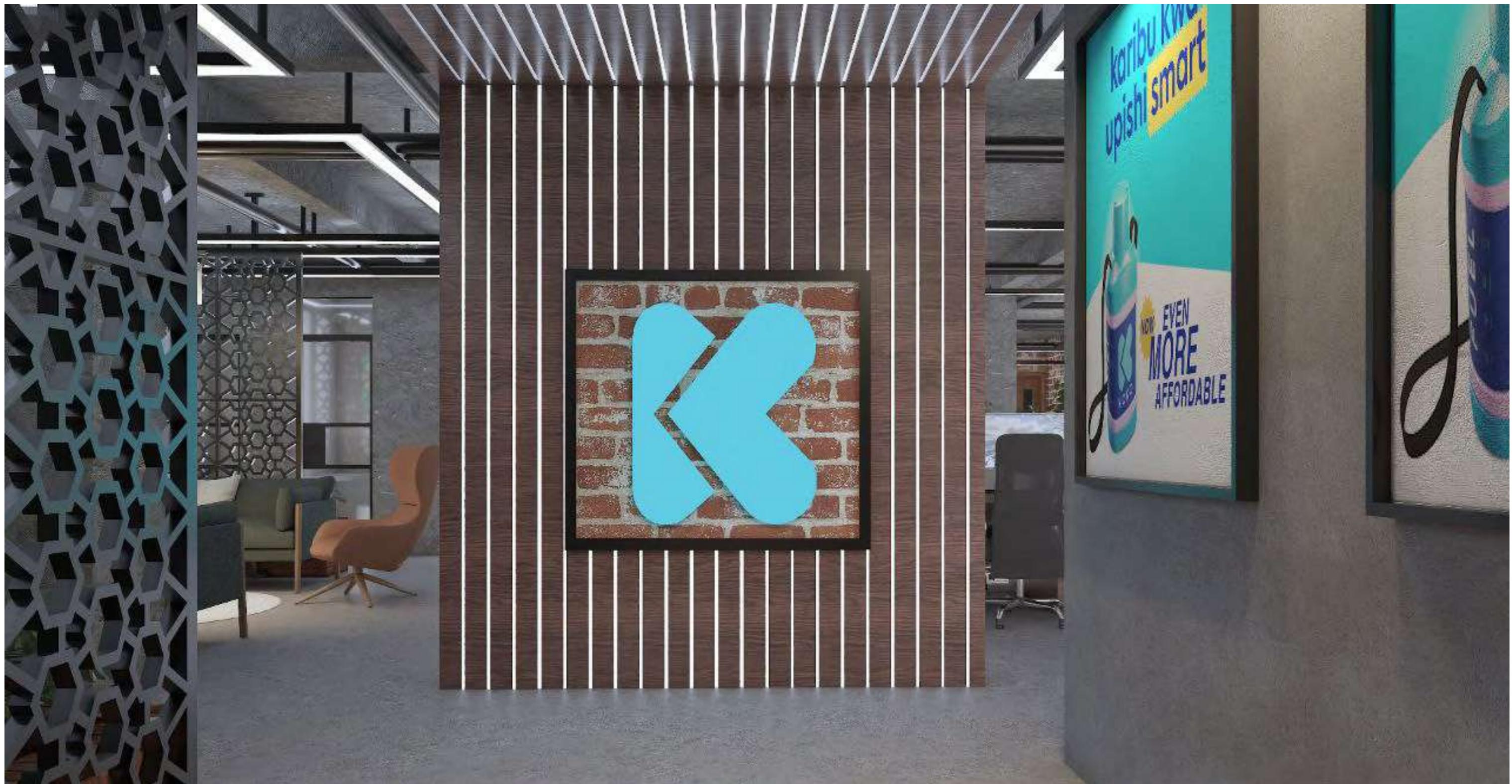
LOCATION - KIAMBU - KENYA

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.

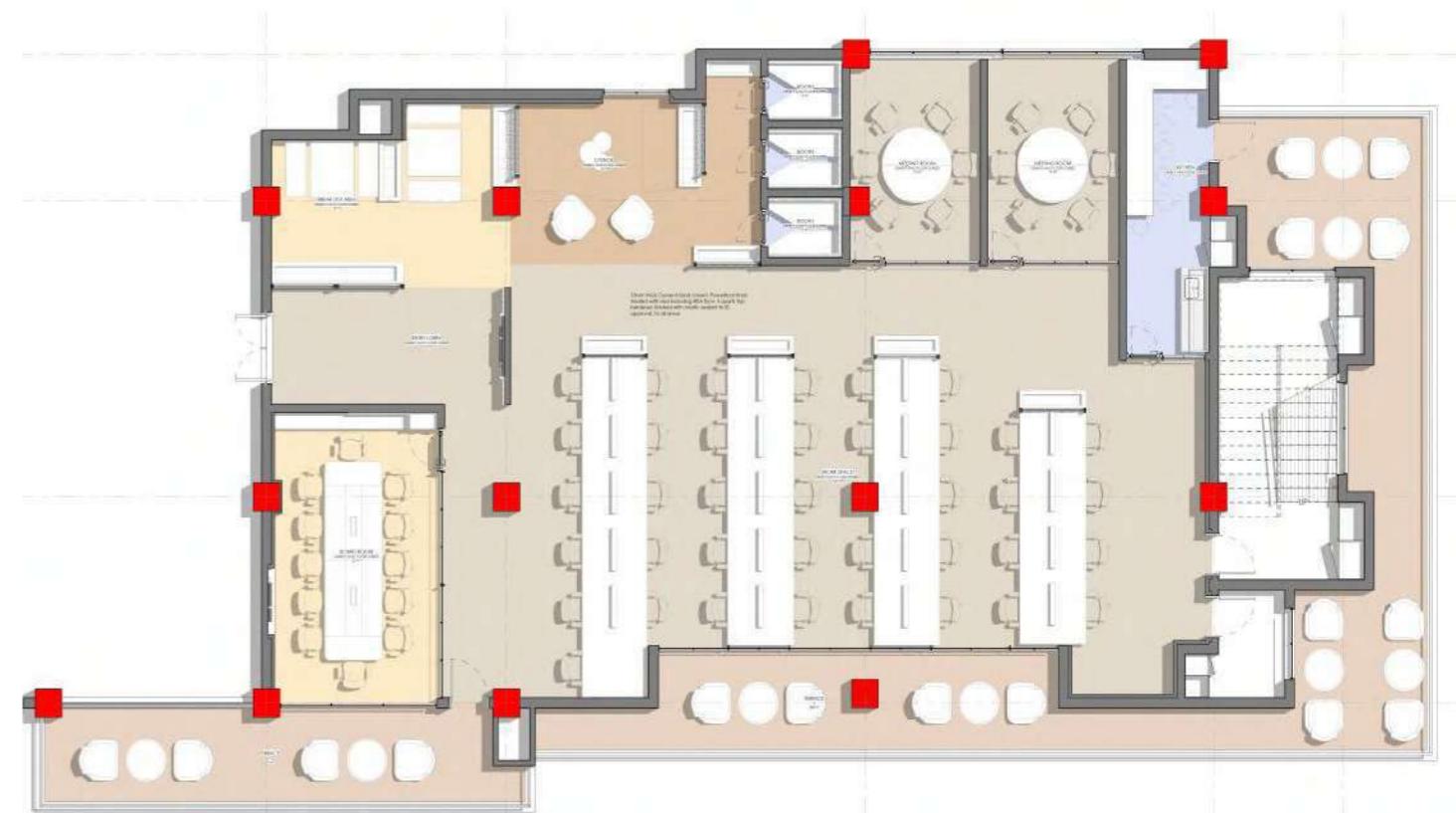
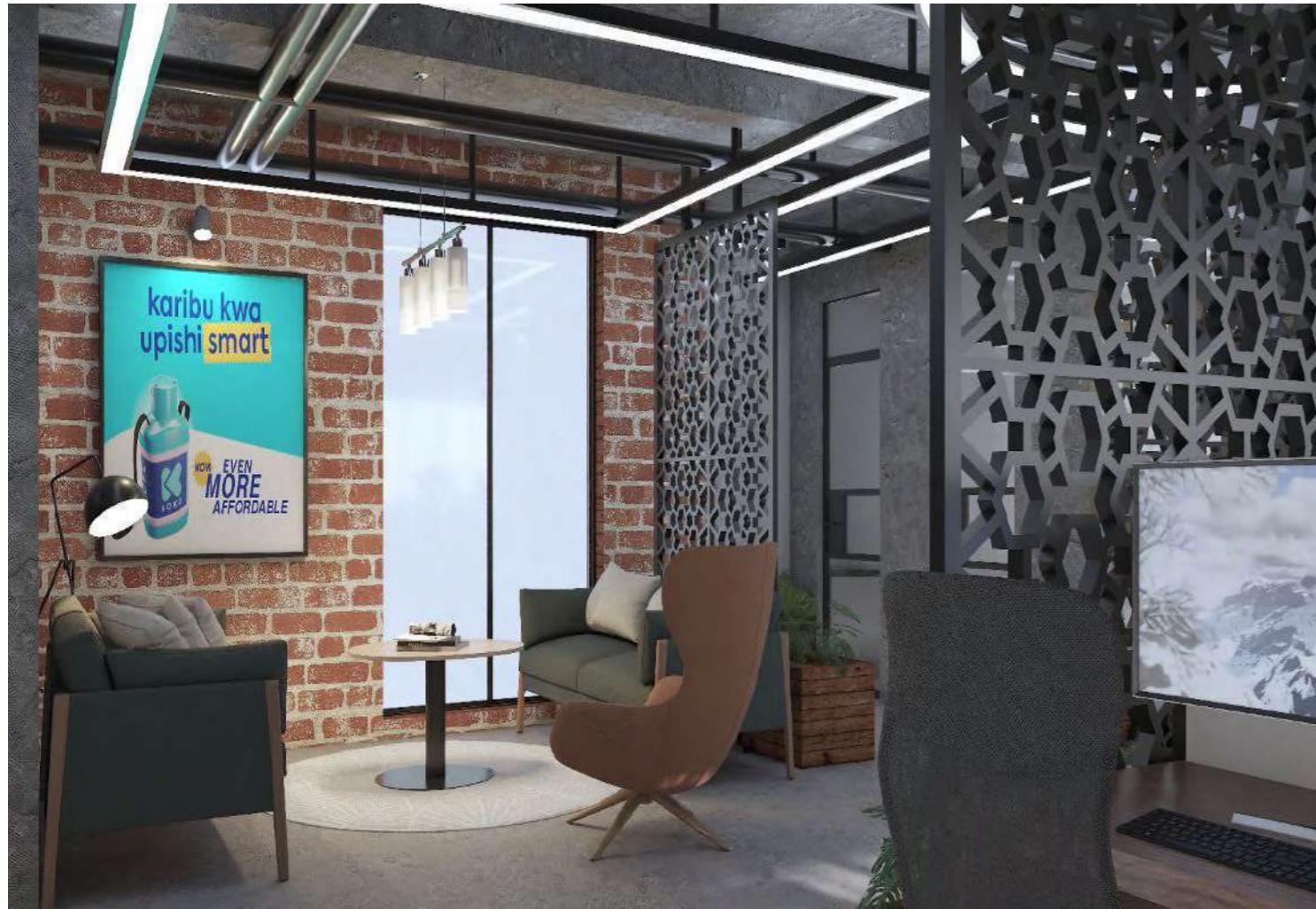
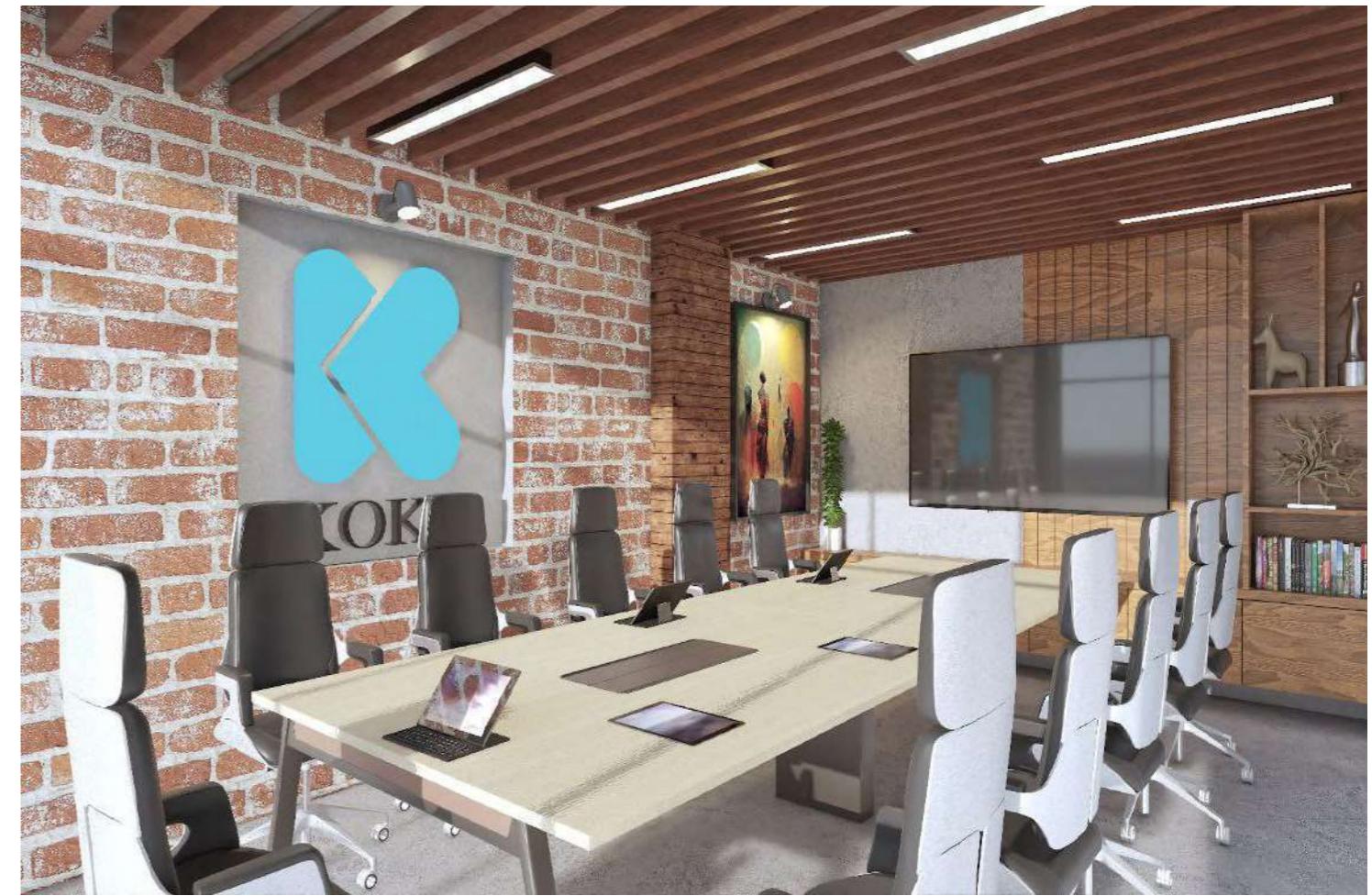
Designing on this site accorded me with the knowledge of planning on different topographies and many ways to provide solutions in the building industry.



KOKO NETWORKS OFFICES

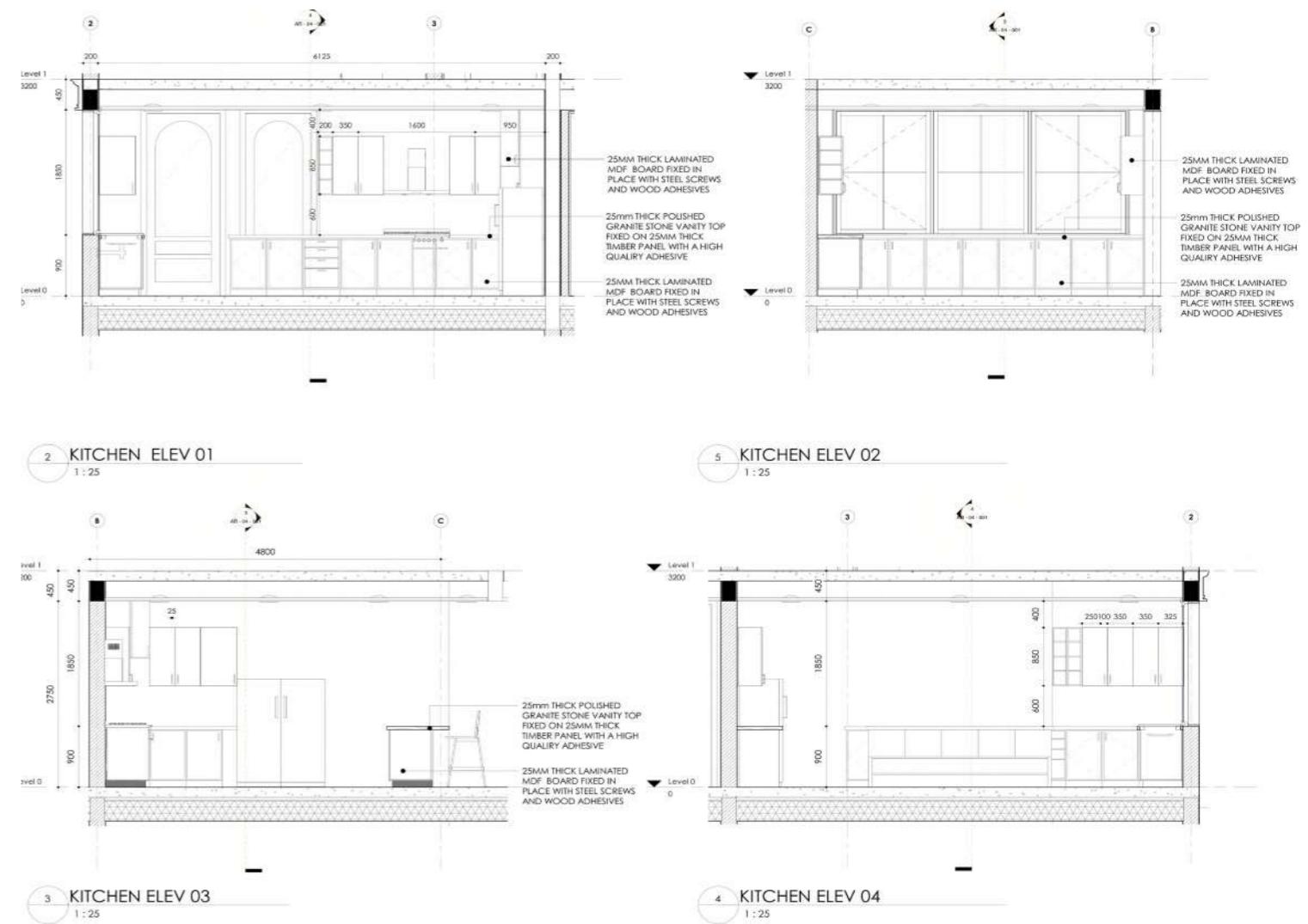
LOCATION-NAIROBI -KENYA

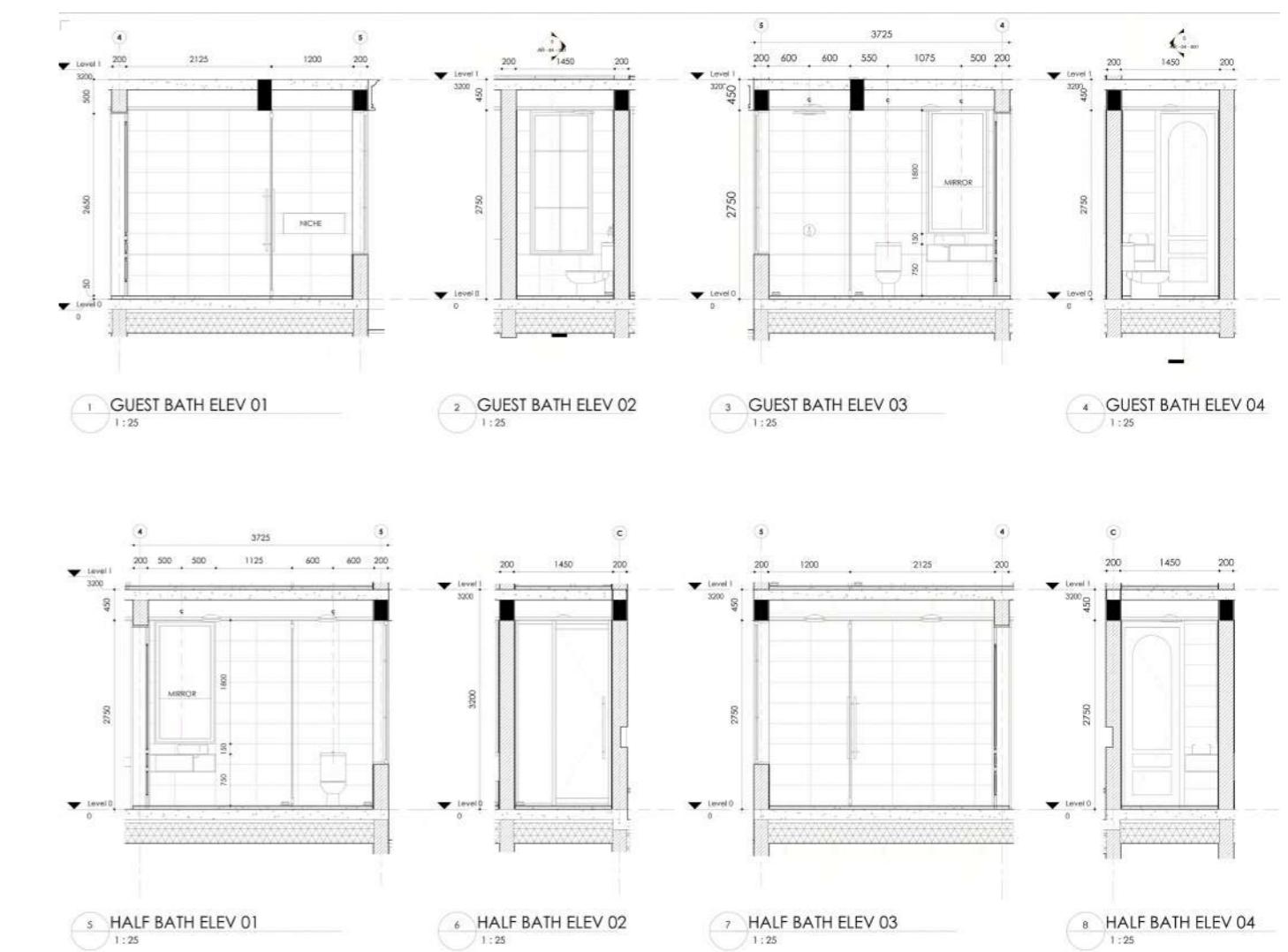
SCOPE -CONCEPT DESIGN & PROJECT DOCUMENTATION

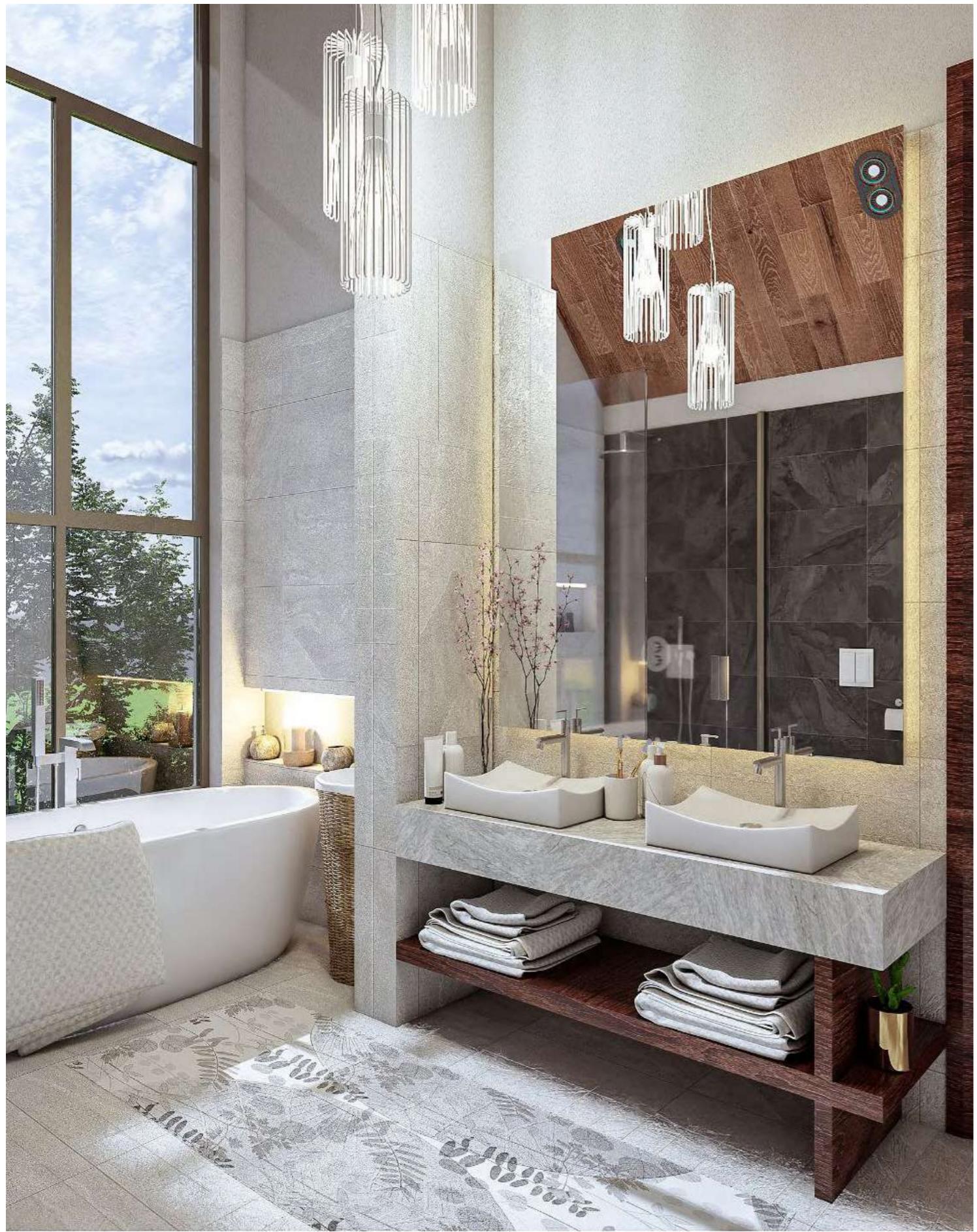


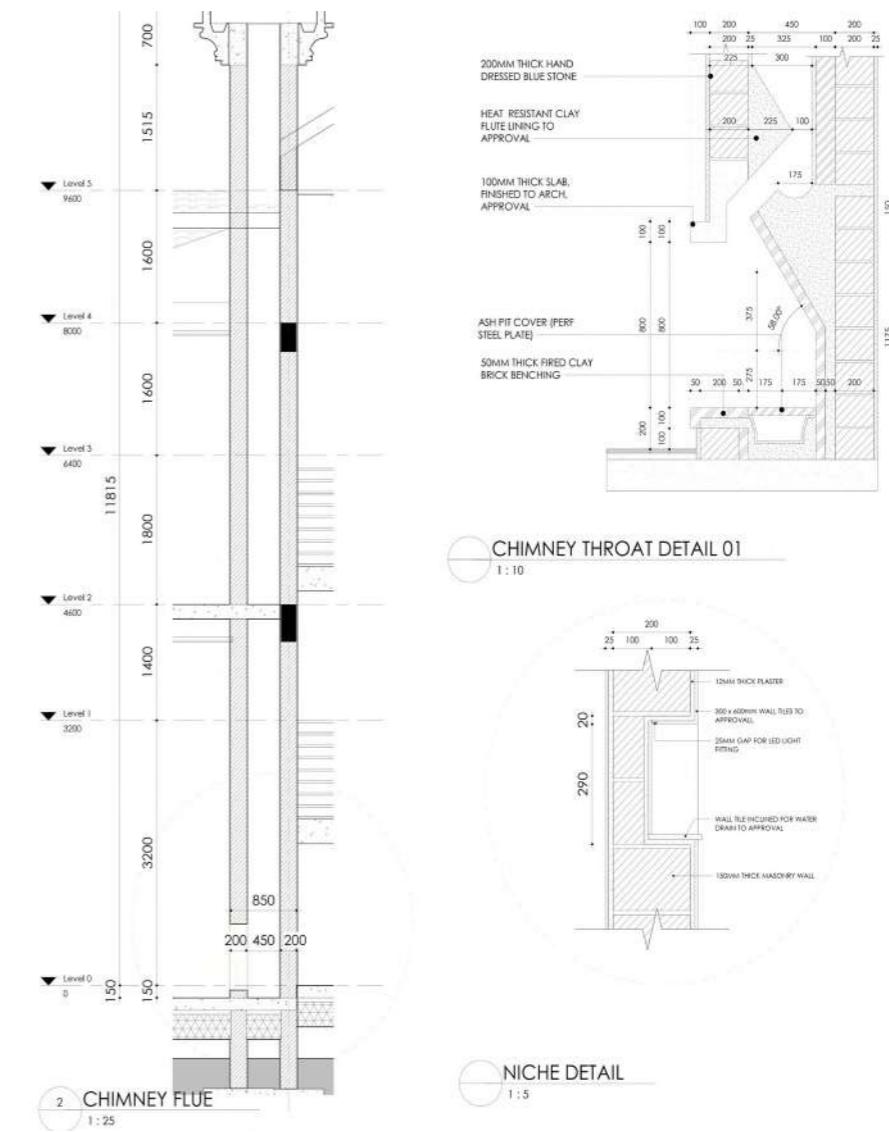
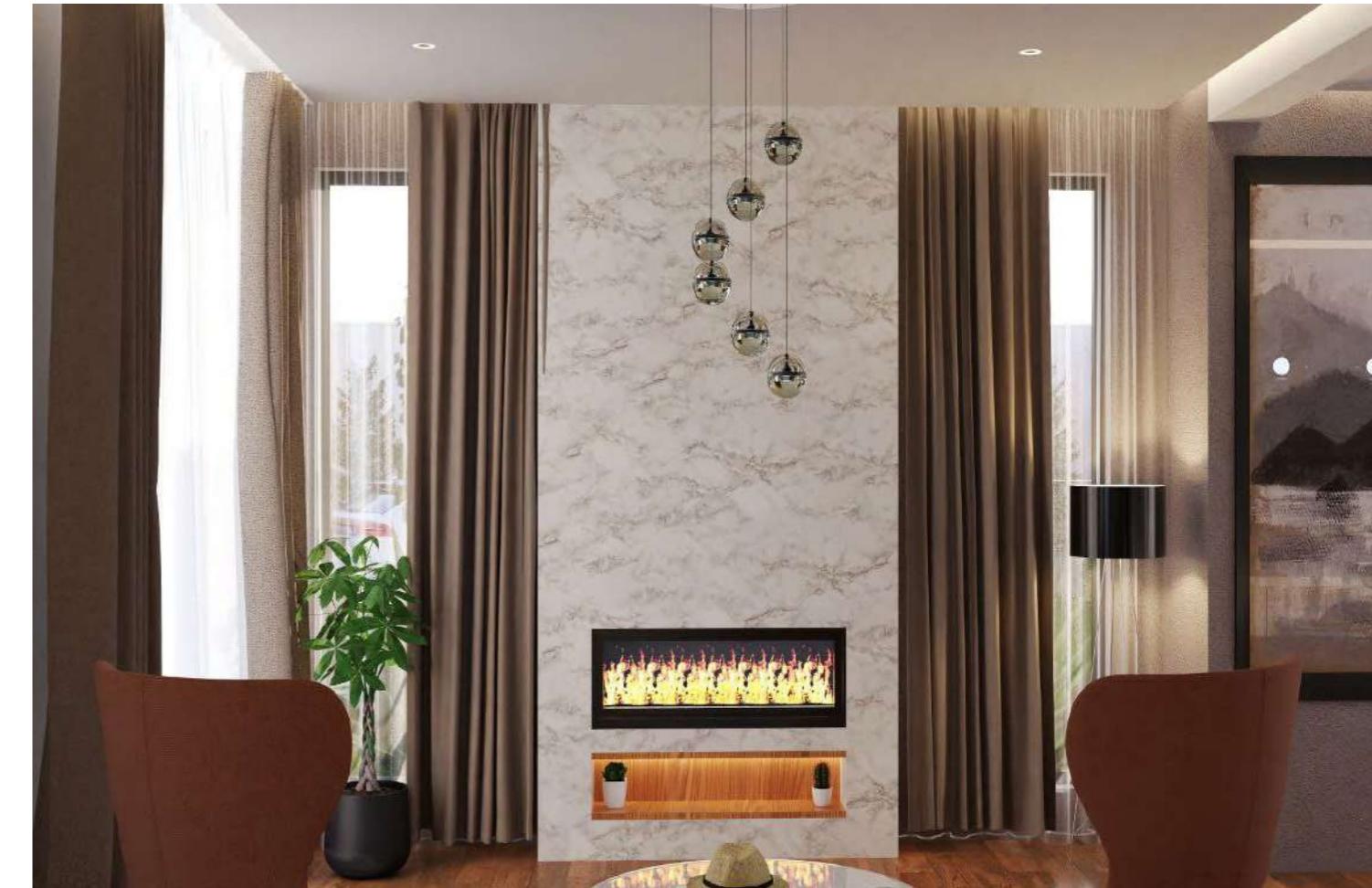
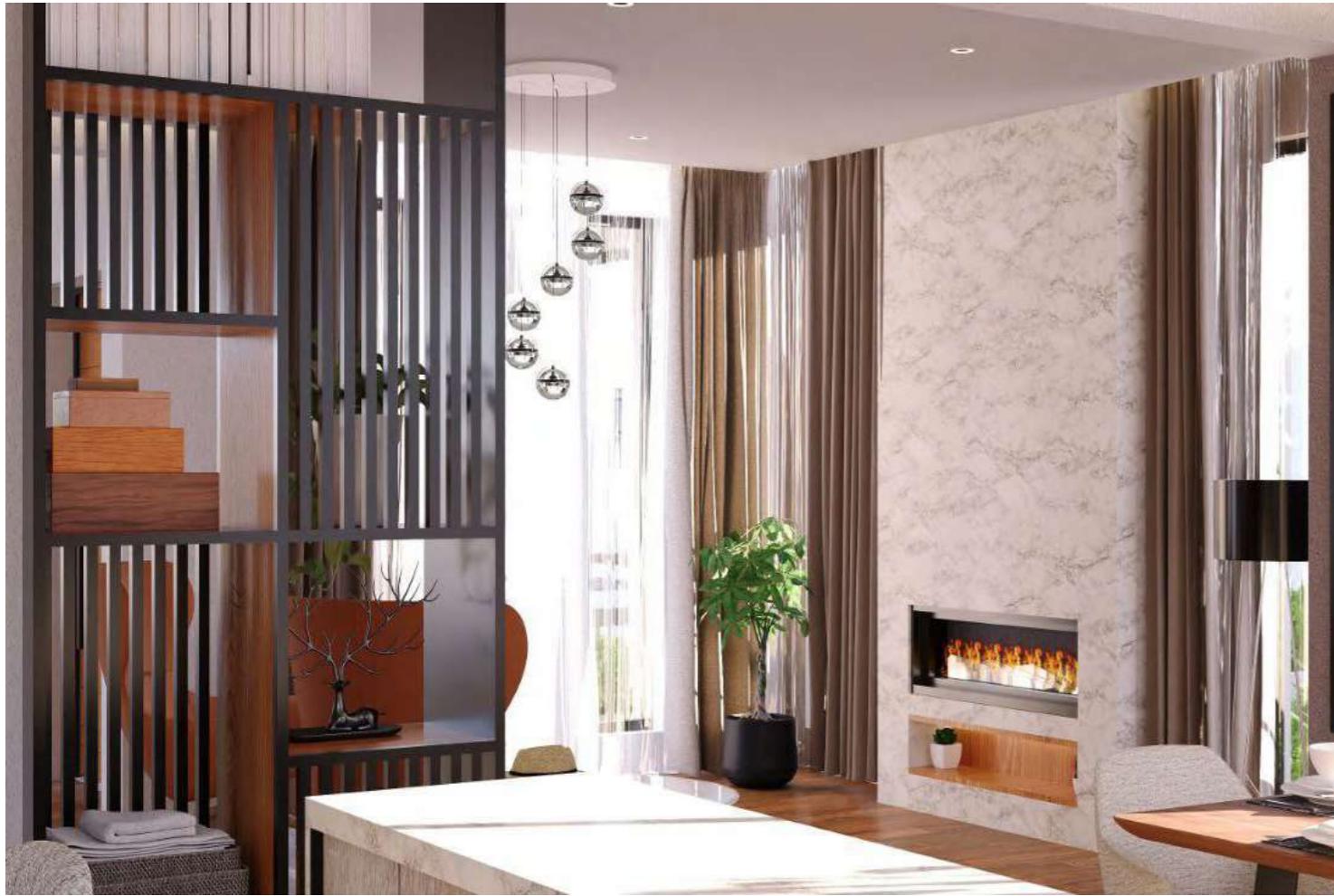


INTERIOR DESIGN
RESIDENTIAL PROJECTS











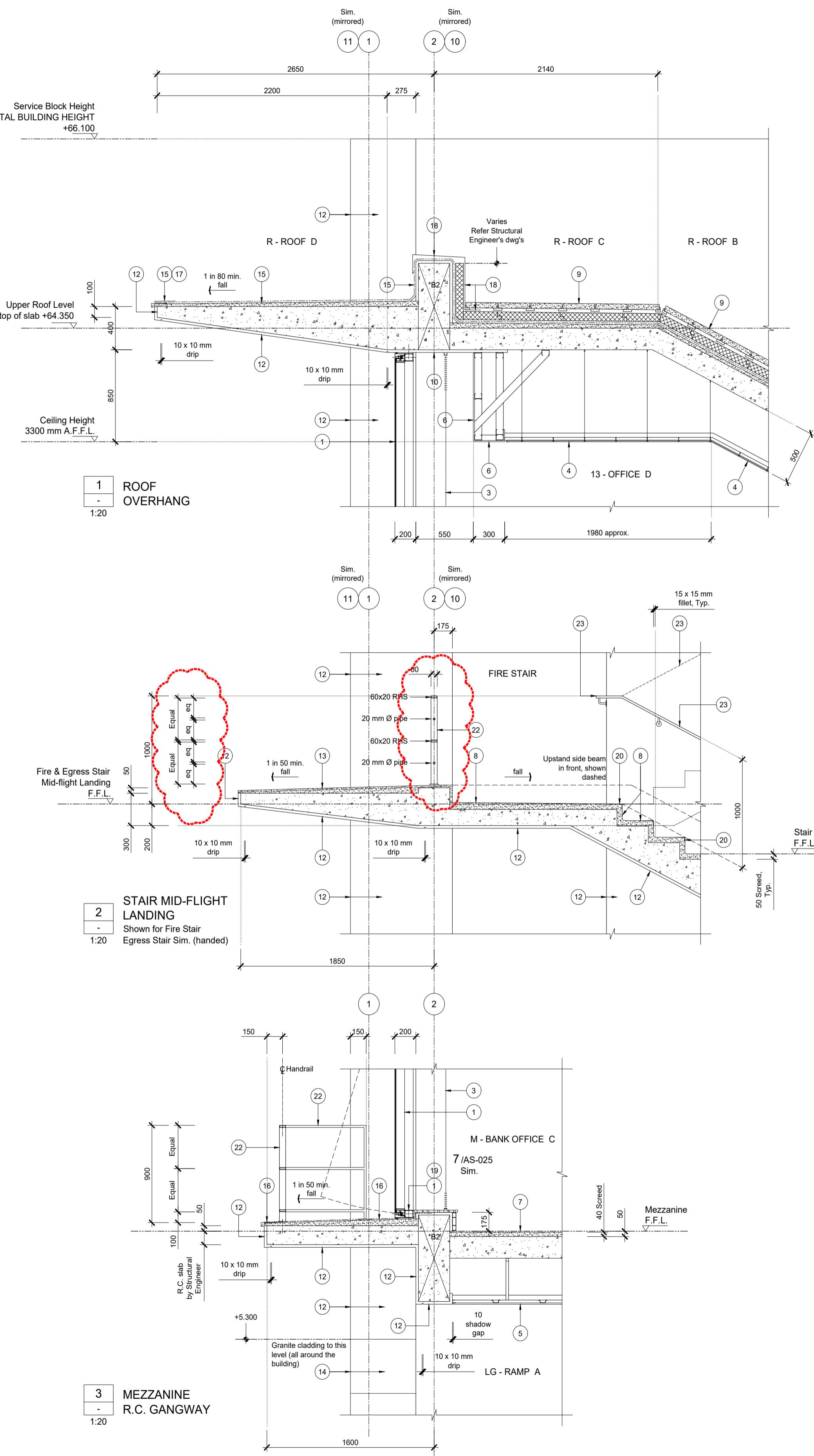


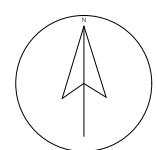
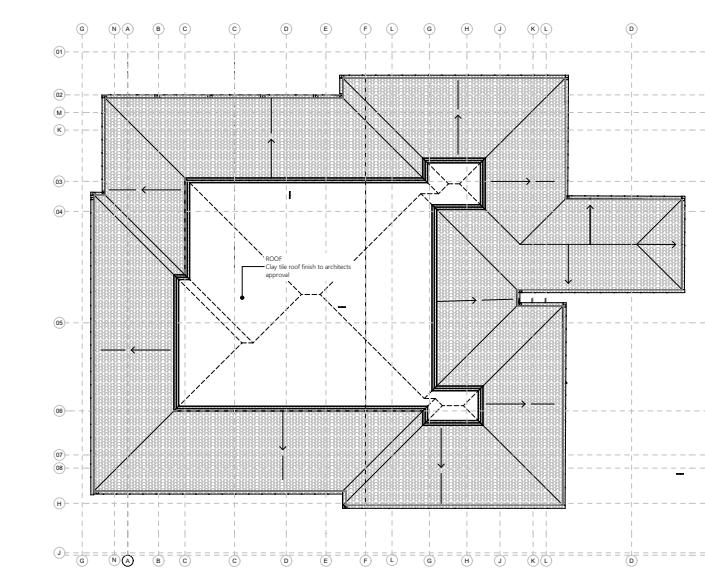
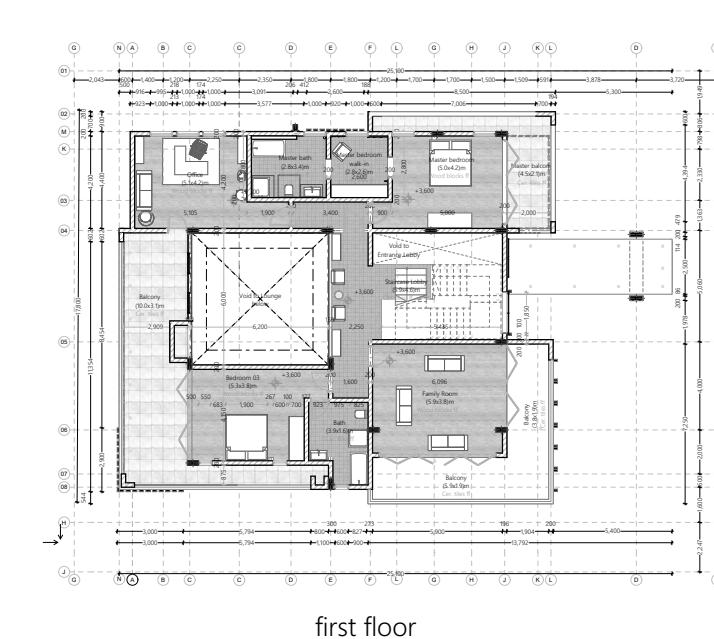
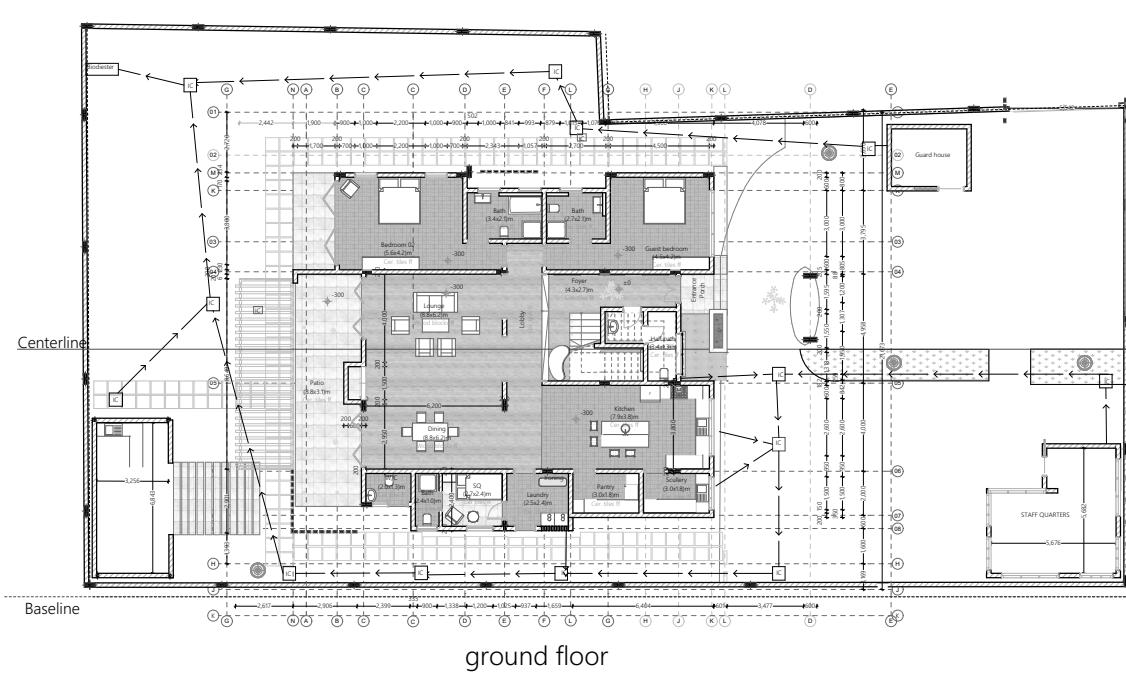
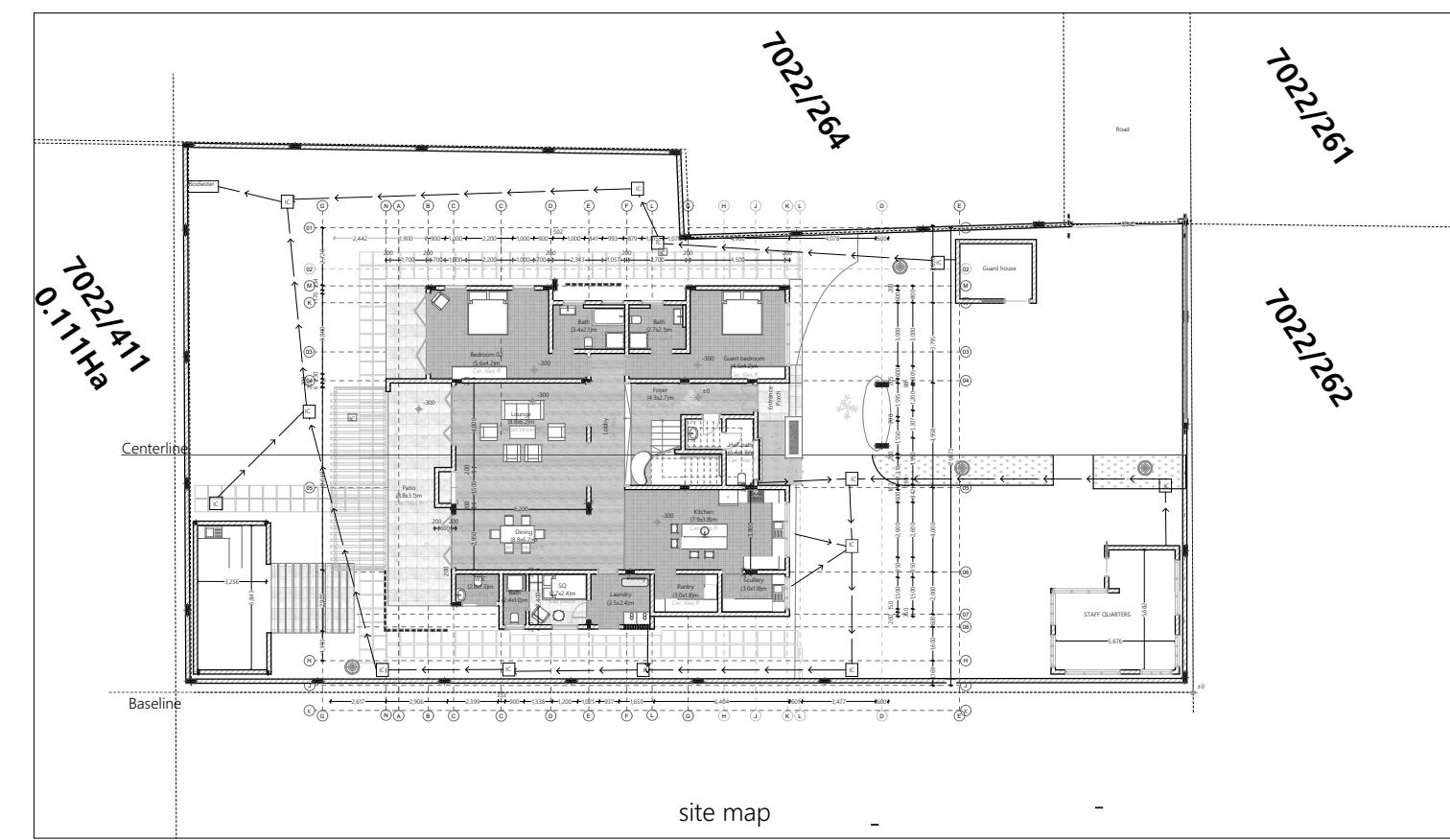
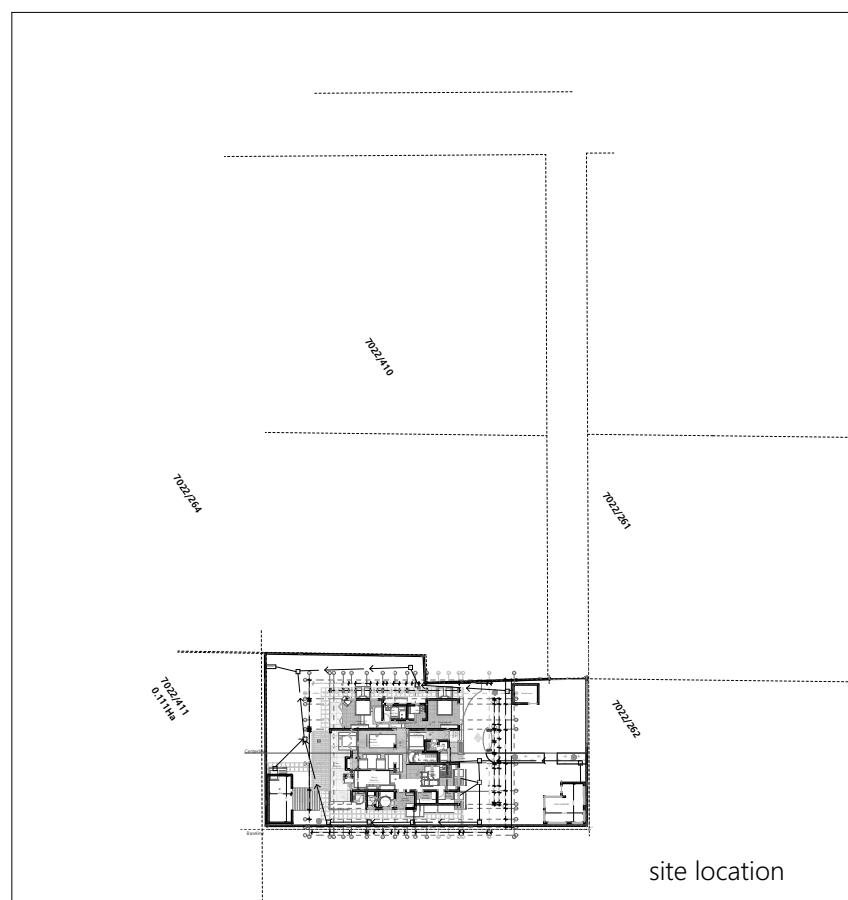
LEGEND:

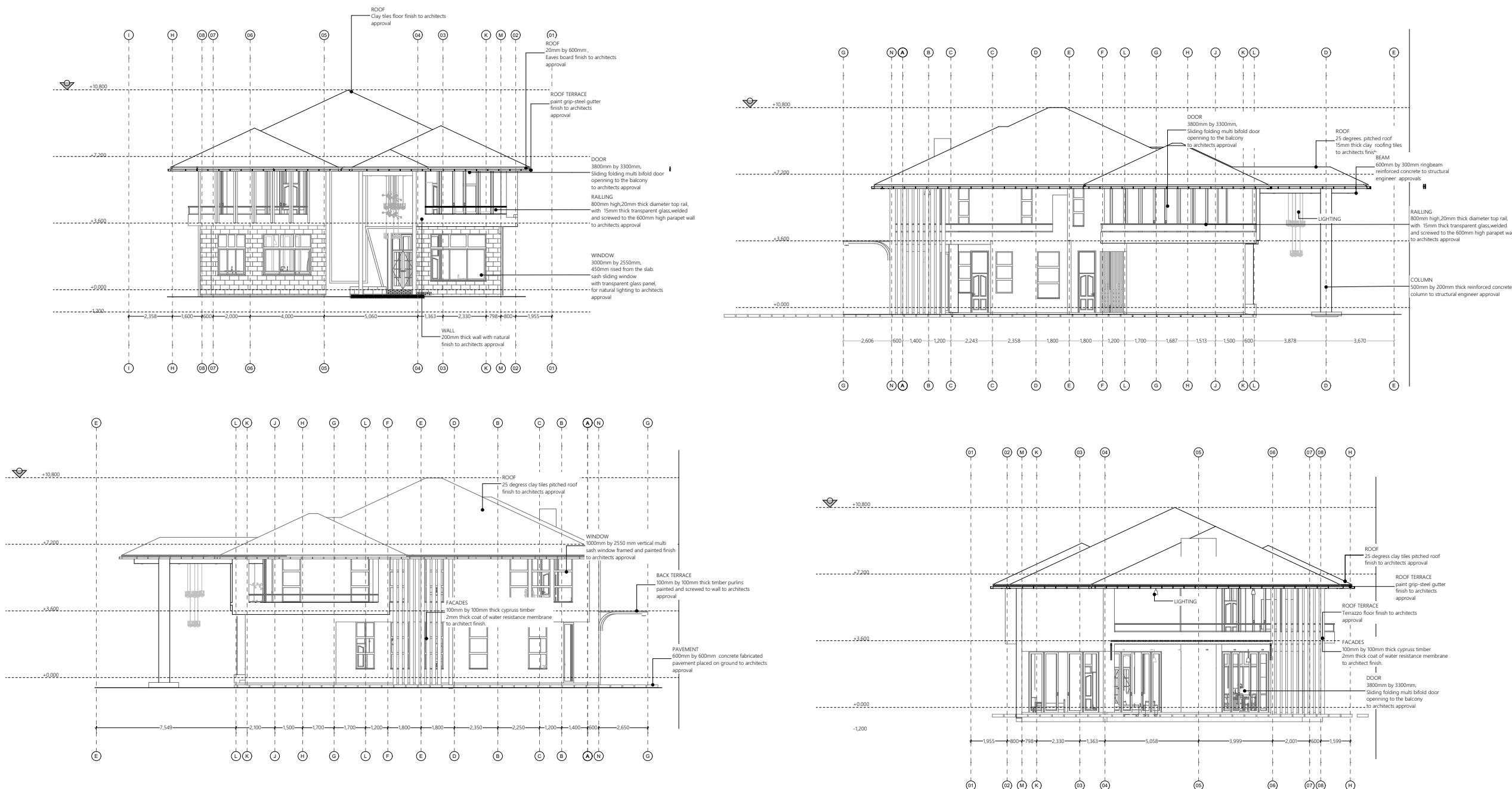
Sim. - Similar
Typ. - Typical
F.F.L. - Finished Floor Level
A.F.F.L. - Above Finished Floor Level

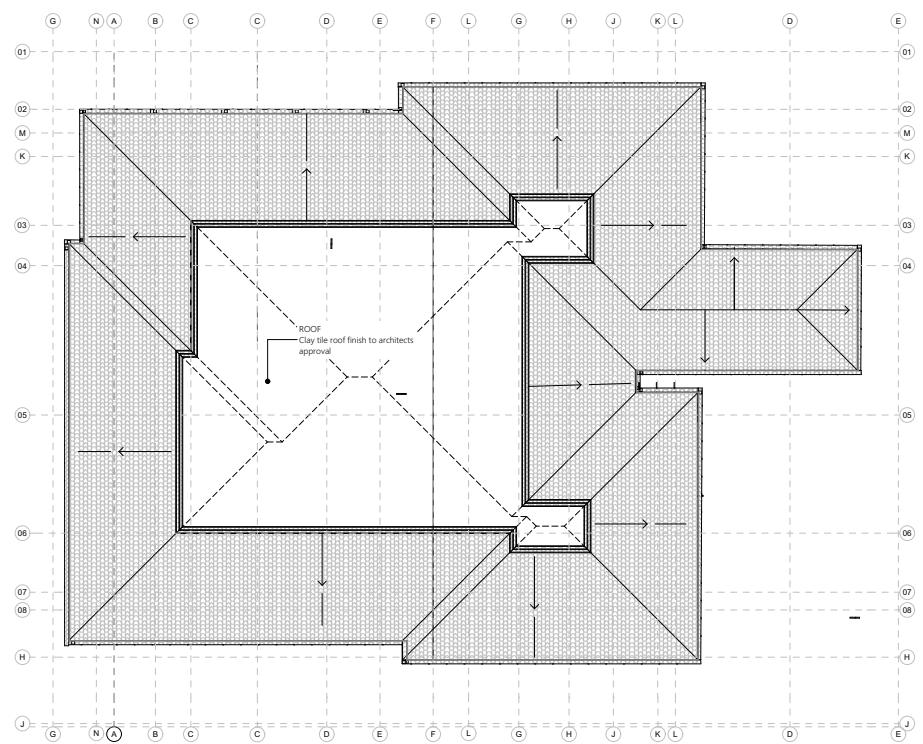
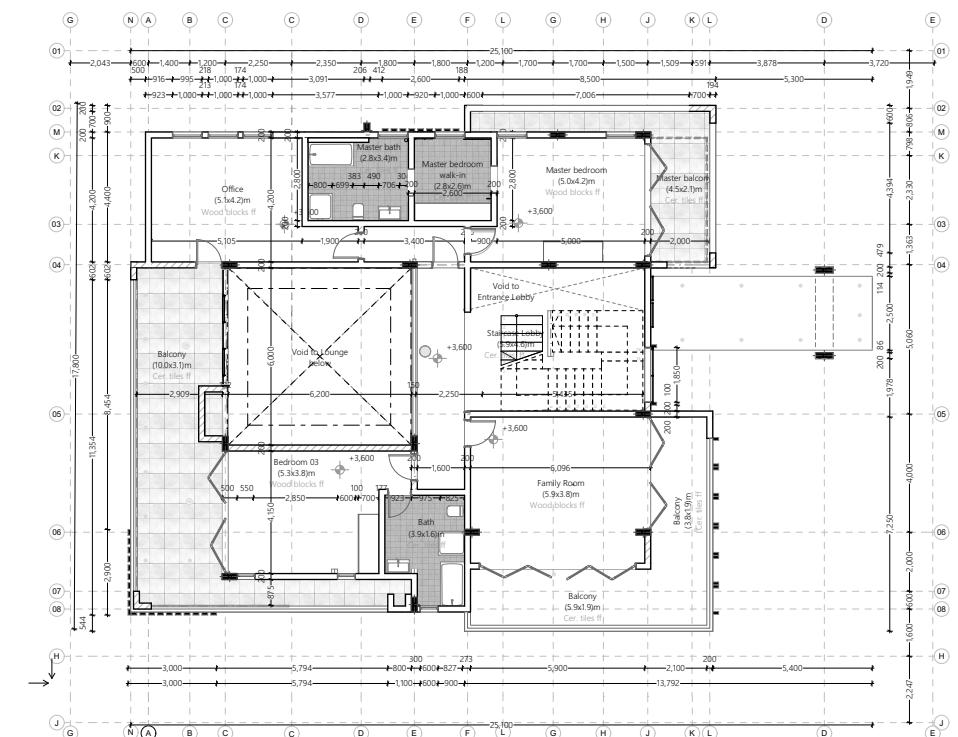
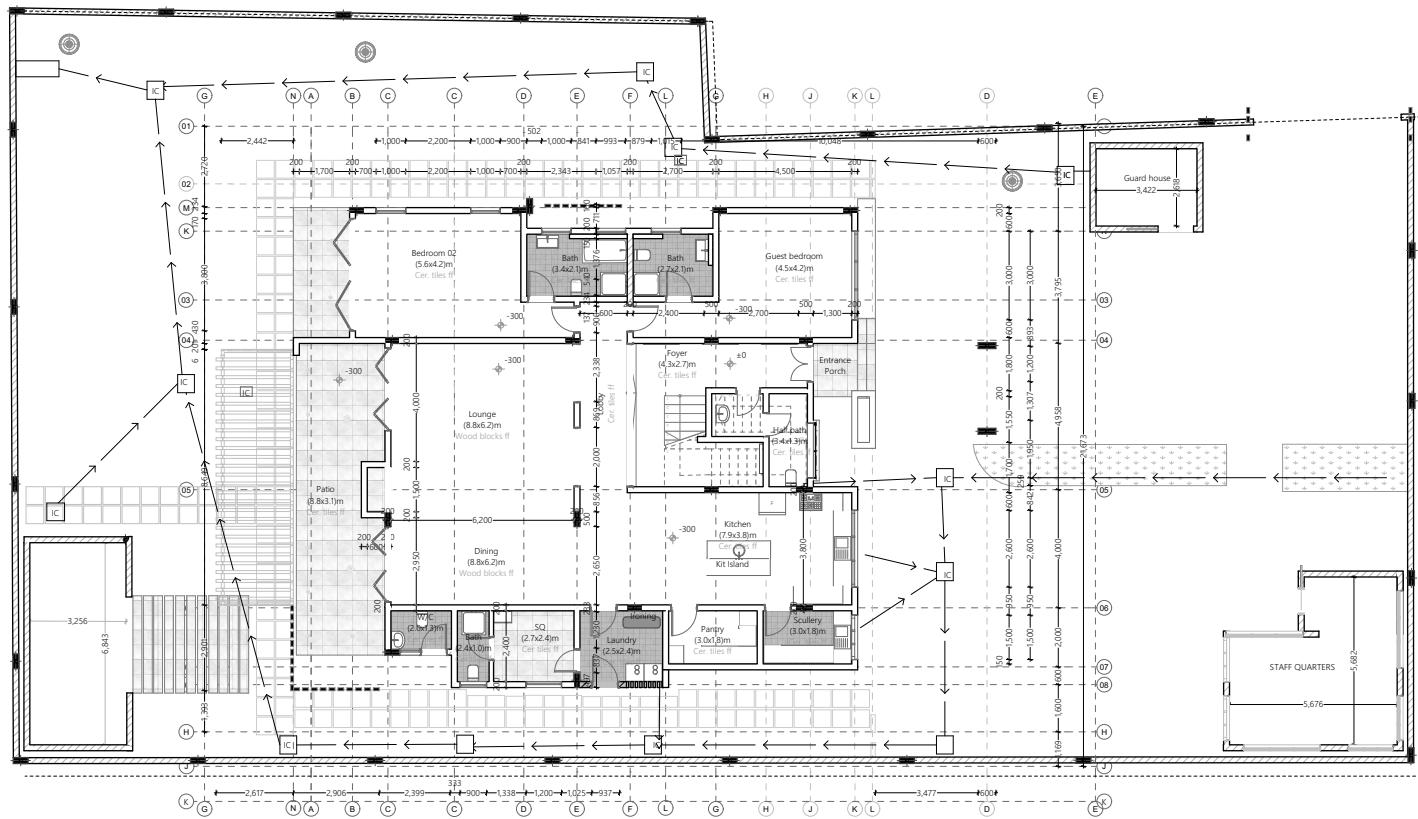
ITEM REFERENCES:

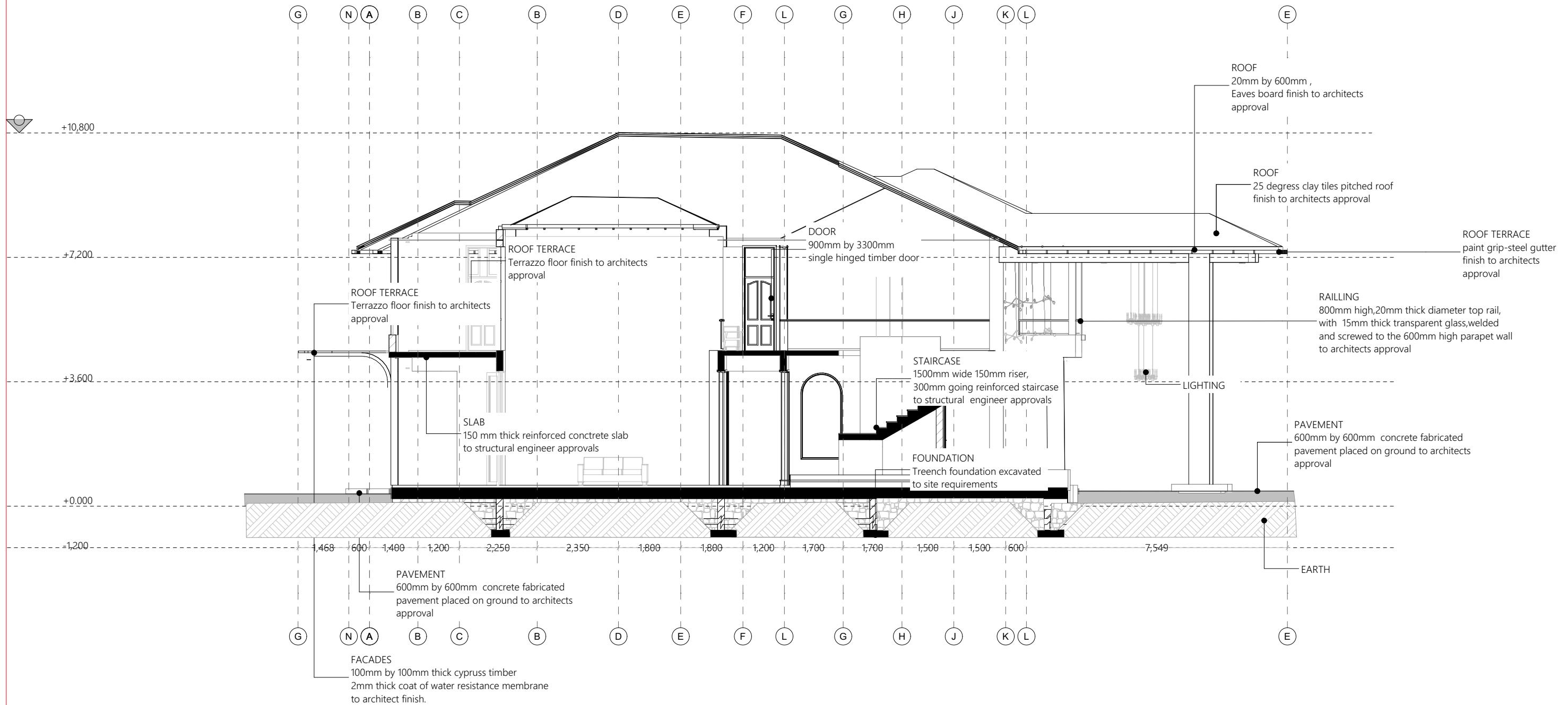
1. Structural Glazing Semi-unitised System
Refer to DOOR & WINDOW SCHEDULE's dwg's SH/005 - 010 for details
2. Frameless Glazing System
(Spider Glazing)
Refer to DOOR & WINDOW SCHEDULE's dwg's SH/005 - 010 for details
- 3a. Pyropanel Fire Door System
Refer to DOOR & WINDOW SCHEDULE's dwg's SH/005 - 010 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 ctrs. 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 to 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

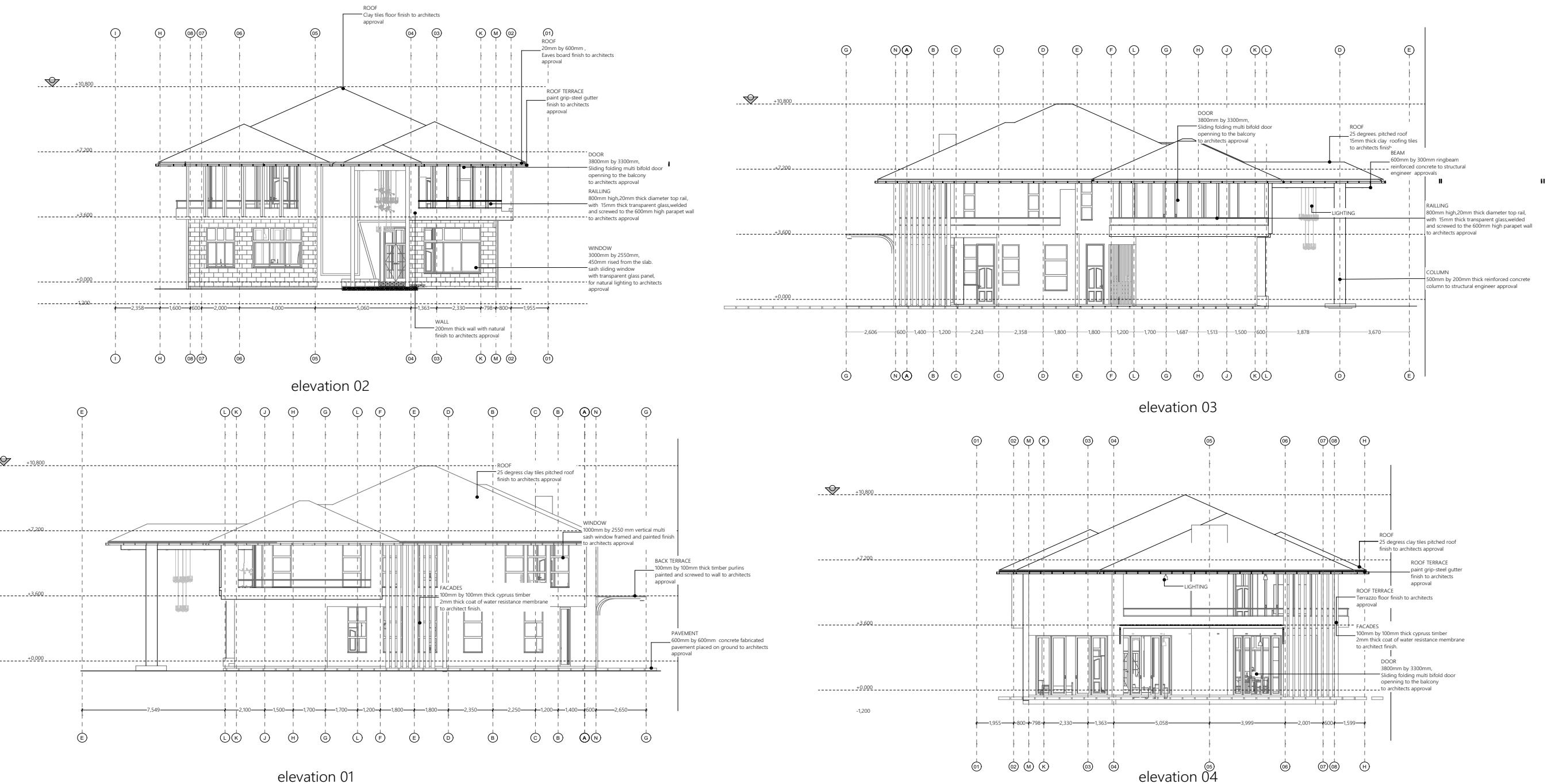


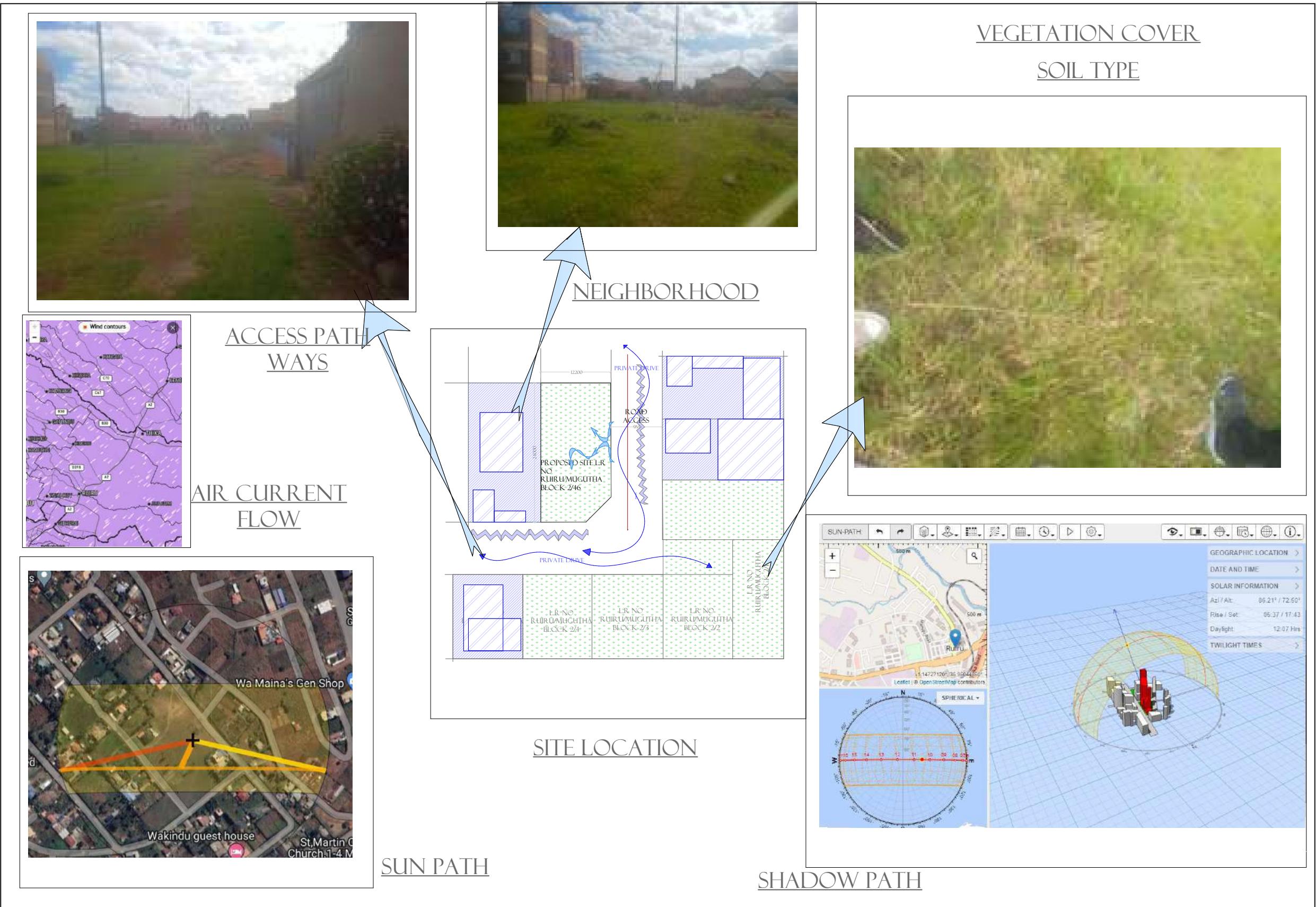














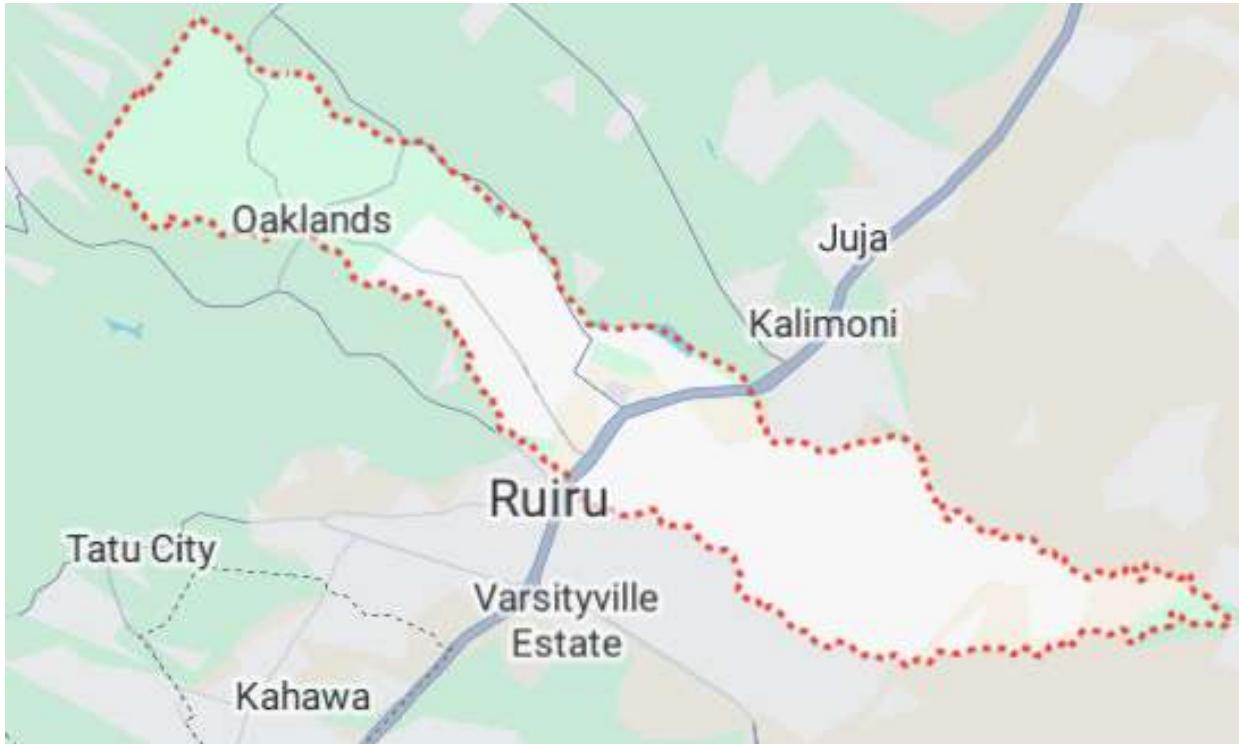
EARTH MAP



AFRICAN MAP

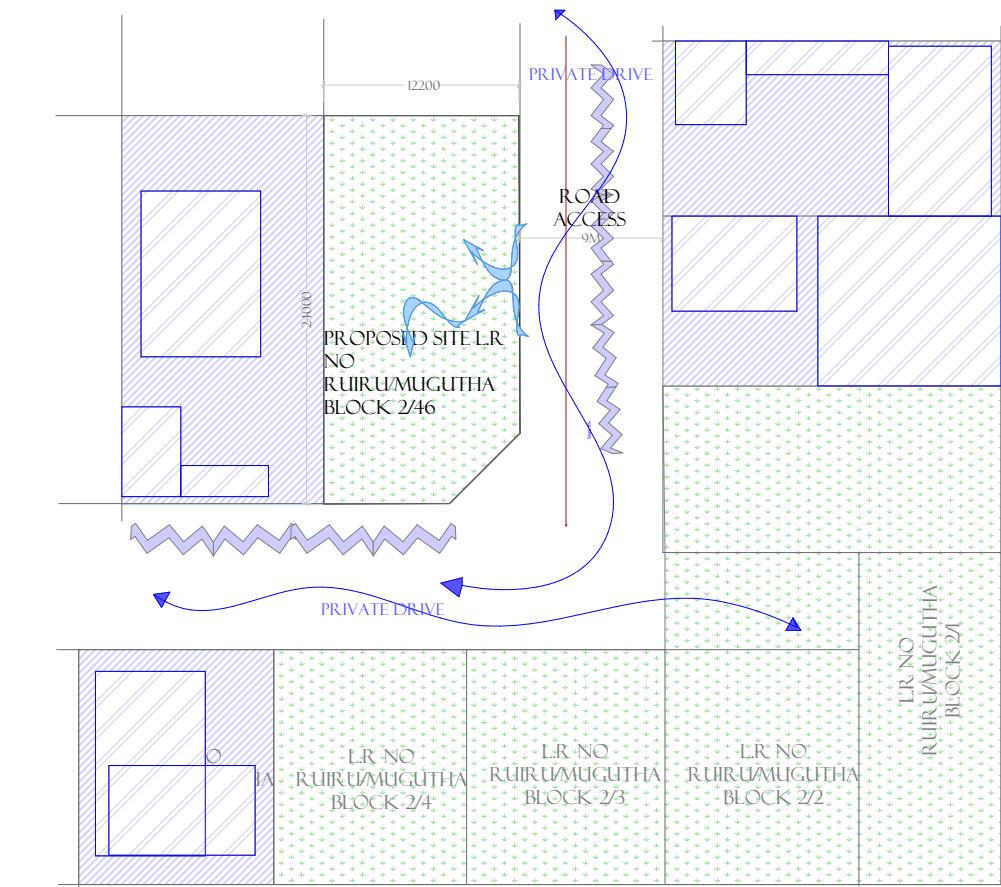


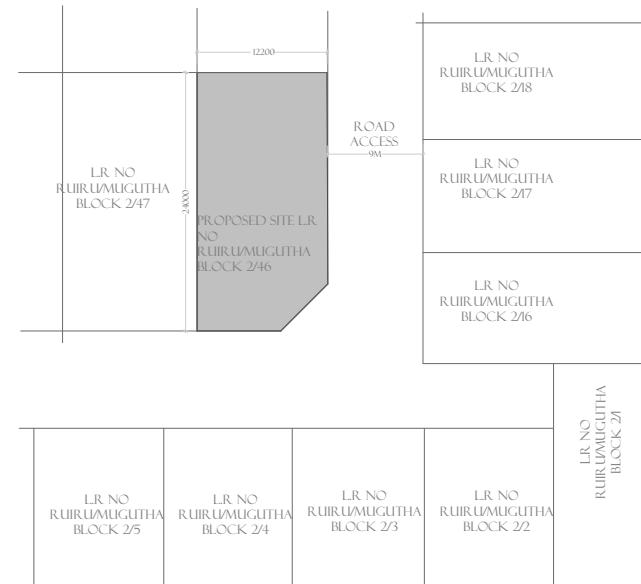
KENYAN MAP



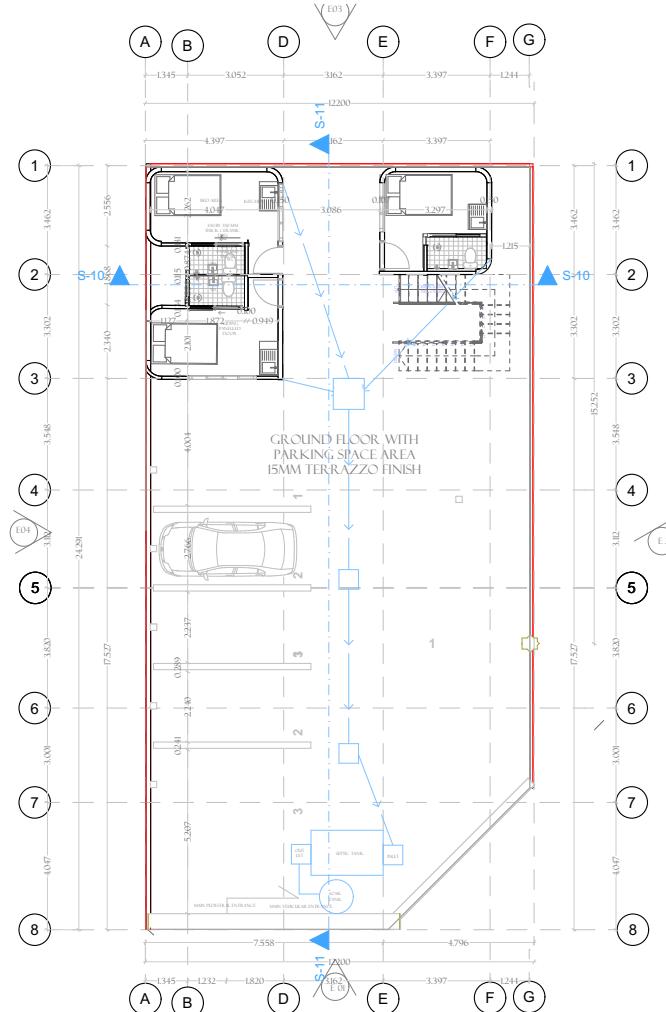
RUIRU MUGUTHA WARD IN KENYA MAP

RUIRU
MUGUTHA
PLOT
NUMBER
2/46





BLOCK PL



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

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

