PORTFOLIO

JOHNSON B. COLE

ARCHITECTURAL TECHNOLOGIST

SELECTED WORKS • 2024 - 2026 • MONROVIA, LIBERIA

About me

I'm **Johnson B. Cole**, a multidisciplinary Architectural Technologist, Principal Draftsman, and Frontend Developer based in Liberia, West Africa. As CEO & President of JBC Design Solution, I lead design/build projects that fuse architectural precision with digital innovation.

My expertise spans technical documentation, 3D visualization, and concept-driven design solutions—grounded in functionality, elevated by aesthetic clarity, and shaped by deep local insight. I thrive in collaborative environments where structure, versatility, and detail matter.

Affiliate Member, Engineering Society of Liberia (ESOL) | ID: ESOL-AF-000001

CONTACT INFORMATION

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SOFTWARE PROFICIENCY

AutoCAD	95%
Revit Architecture	90%
SketchUp	95%
Lumion (8K Render)	90%
Photoshop / AI Tools	85%

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01 G+3 Mixed-Use (Williams)

02 G+2 Mixed-Use (Careysburg)

03 G+2 Tri-Unit Complex

04 Six-Bedroom Residence

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06 Contemporary Residence

07 Retail & Apartment Block

08 Shop & Apartment Building

09 Apartment Block

10 Modern Corner Villa

11 Hip-Roof Residence

— Working Packages

— Practice & Credentials

PORTFOLIO

SELECTED WORKS

Eleven projects
Permit-ready drawing sets
Concept design & 3D visualisation
Monrovia, Liberia


STORE 1
STORE 2
STORE 3


STORE 1
STORE 2
STORE 3

01

G+3 MIXED-USE DEVELOPMENT

COMMERCIAL & RESIDENTIAL · 3 STORES · 10 APARTMENTS

Oct 2026 · Rev 0 **JBC DESIGN SOLUTION**

— DESCRIPTION

A ground-plus-three mixed-use building on an 82'-6" × 132'-0" plot fronting a 20-foot public street. Three stores with warehouse and bathroom sit at street level beside one apartment, with three apartments per floor above. Prepared for Mr. Elisha S. Williams, Backbush Community, B/Ville, and issued for MPW permit submission.

PROGRAMME

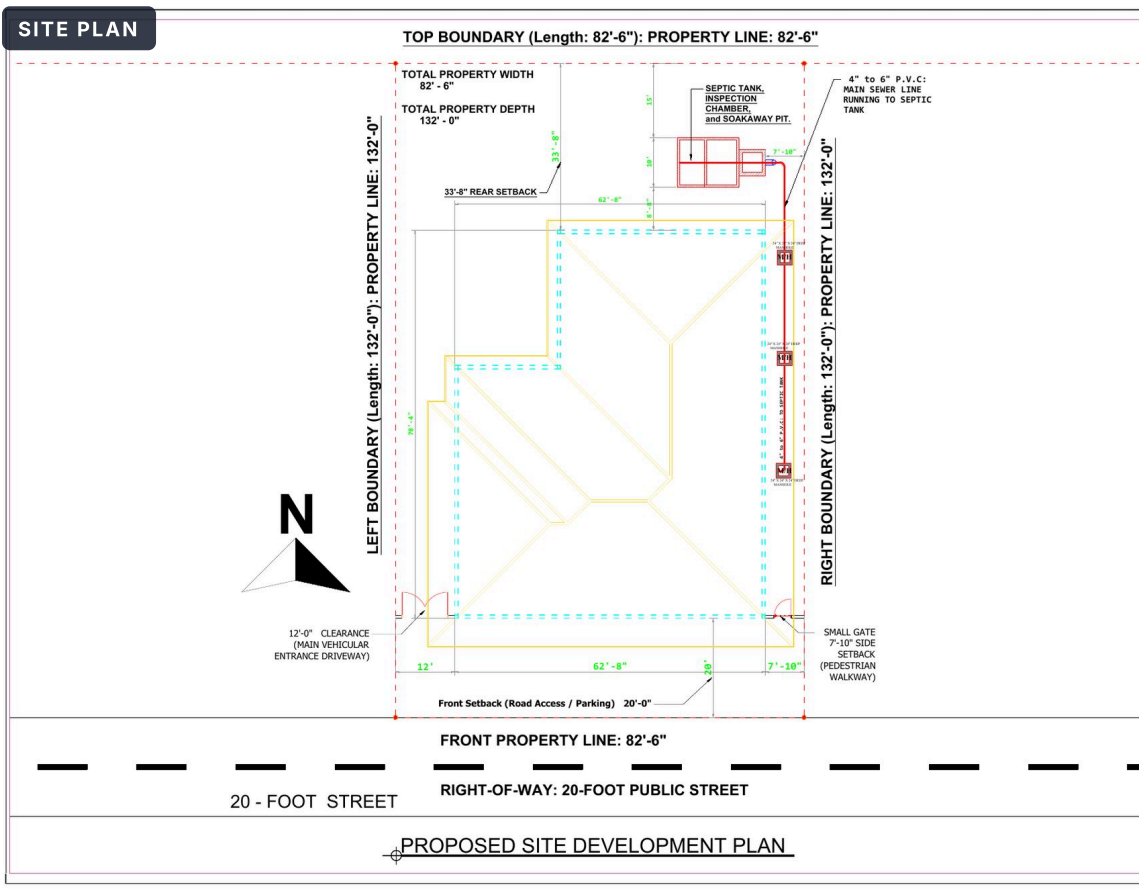
- 3 stores (20'-0" × 30'-0") with warehouse
- 10 apartments in total
- Stair to the upper floors

STRUCTURE & SITE

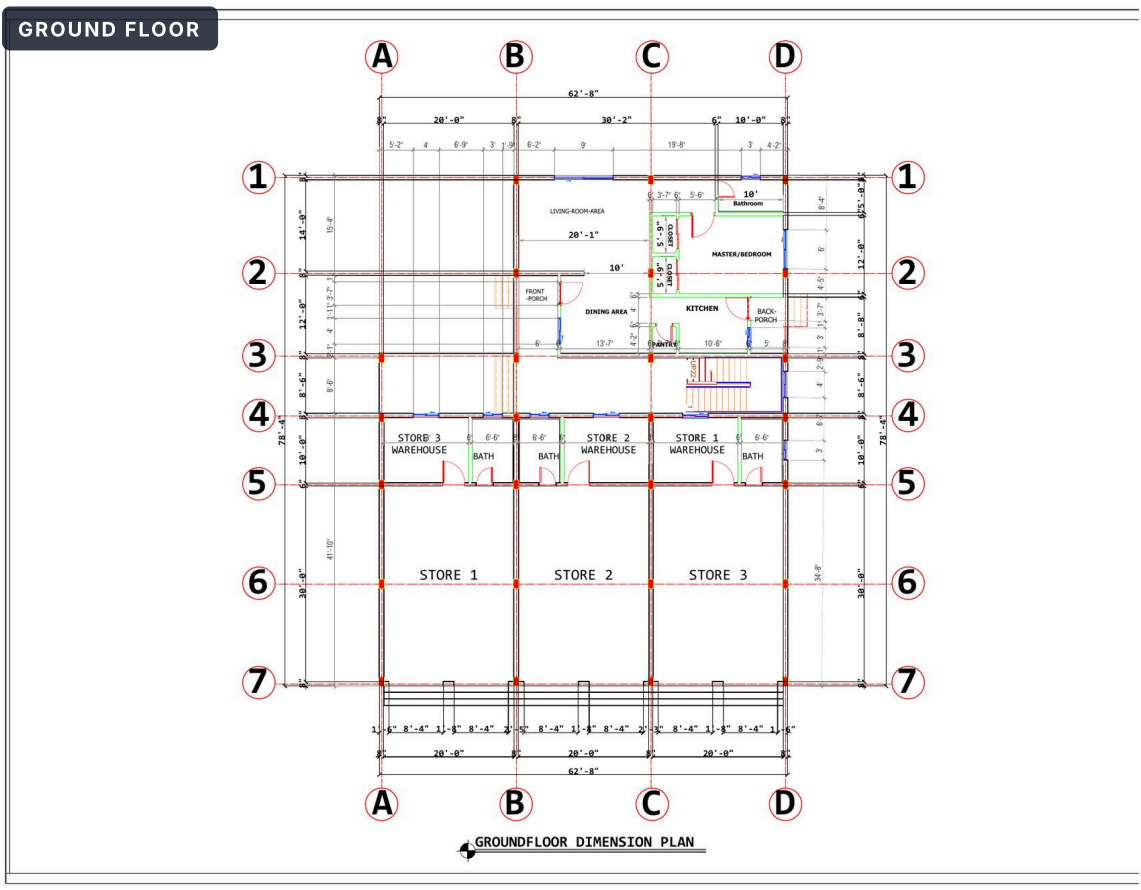
- RC frame, 10" × 16" columns on pad footings
- Sandcrete block walls, Dahoma timber roof, 30° pitch
- 20'-0" front setback; septic tank & soakaway at rear

View Full Drawing on Google Drive

SITE PLAN



GROUND FLOOR



Elevations & Section

Drawings from the permit set. Tap a drawing to enlarge.

FRONT



SIDES



SECTION B-B



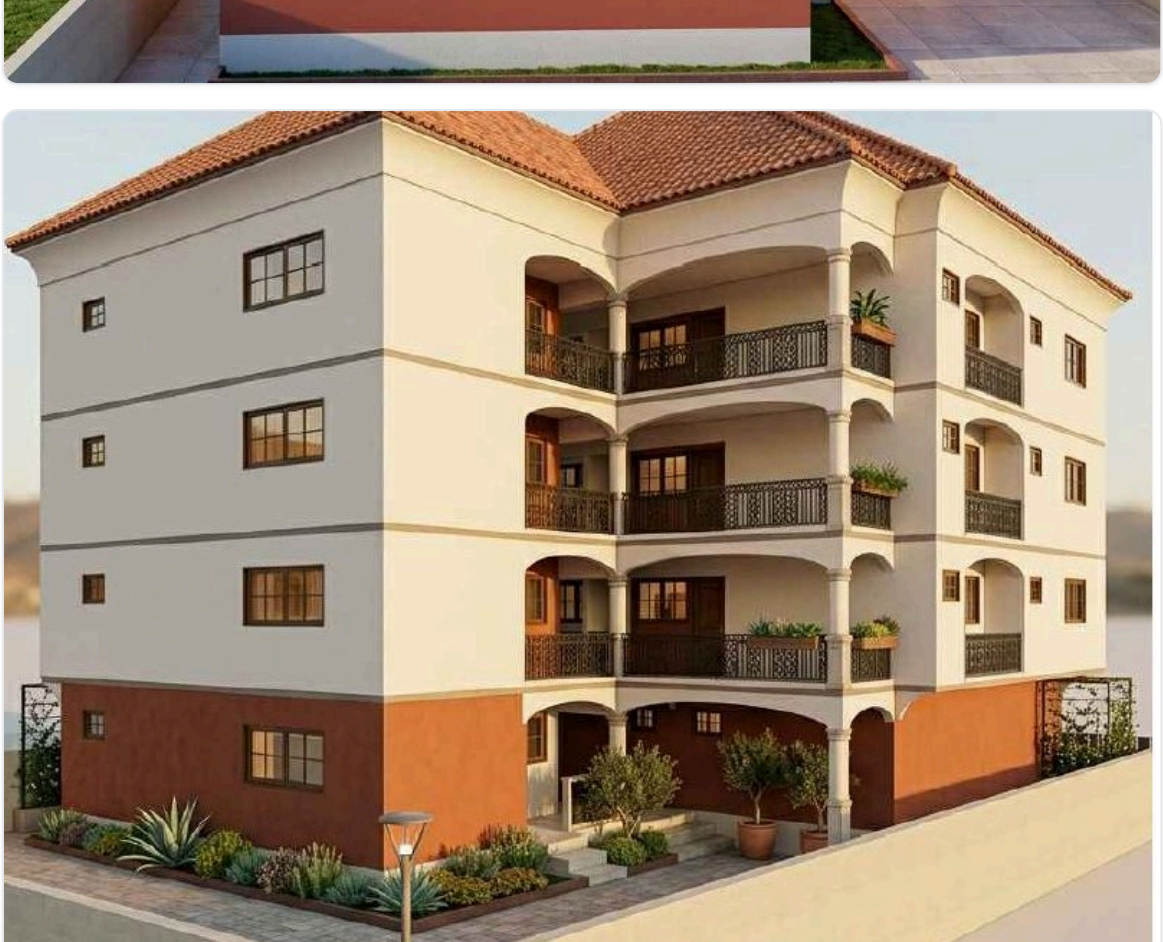
Gallery

Tap an image to enlarge.













02

G+2 MIXED-USE BUILDING

RESIDENTIAL & COMMERCIAL · CAREYSBURG

Oct 2026 · 35 sheets **JBC DESIGN SOLUTION**

— DESCRIPTION

A ground-plus-two building that combines residential apartments with commercial retail space, designed for Hawa Watson Williams & Archie Williams in Careysburg, Montserrado County. The permit set covers architecture, structure, MEP and sanitary work, with 3D exterior views and a material and colour schedule.

DRAWING SET

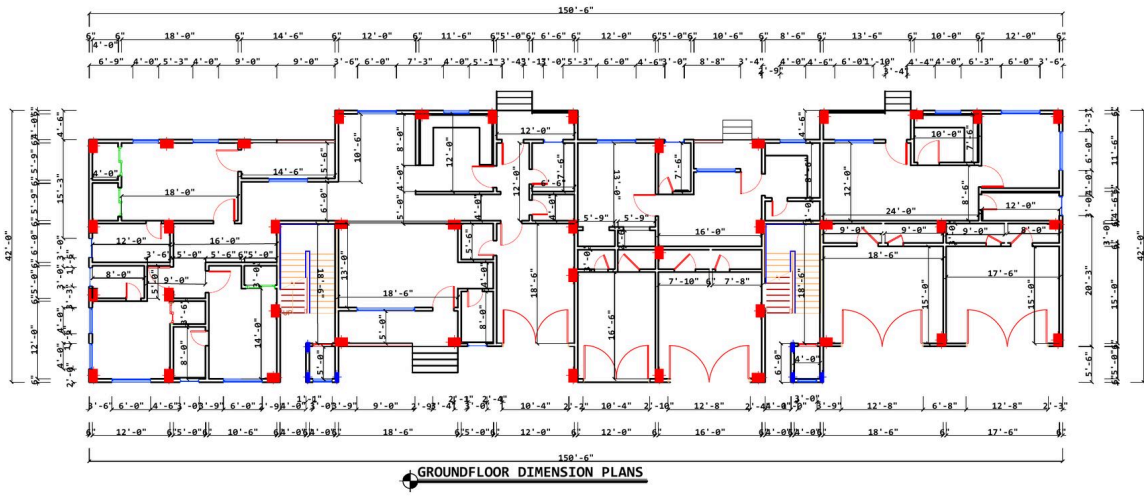
- 35 sheets, A3 landscape
- Architectural, structural, MEP & sanitary
- 3D views and material schedule

DESIGN FEATURES

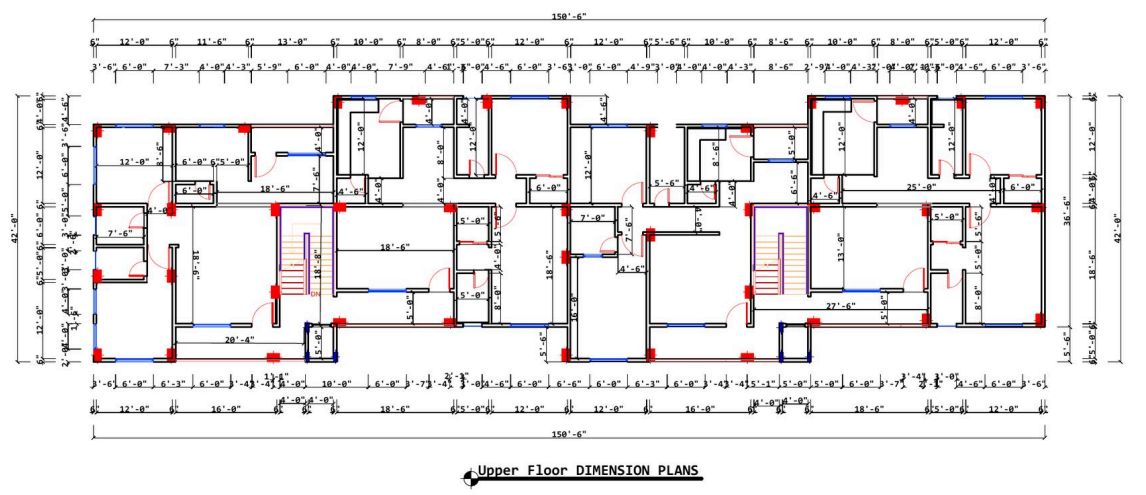
- Lift pit and lift-column footing detail
- Mumty (stair-head) roof
- Retail below, apartments above

View Full Drawing on Google Drive

GROUND FLOOR



UPPER FLOOR



Elevations & Section

Drawings from the permit set. Tap a drawing to enlarge.

FRONT & BACK



FRONT VIEW



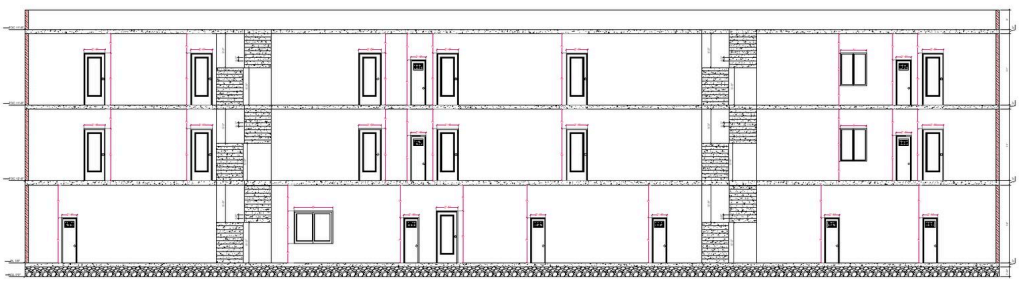
BACK VIEW

SIDE



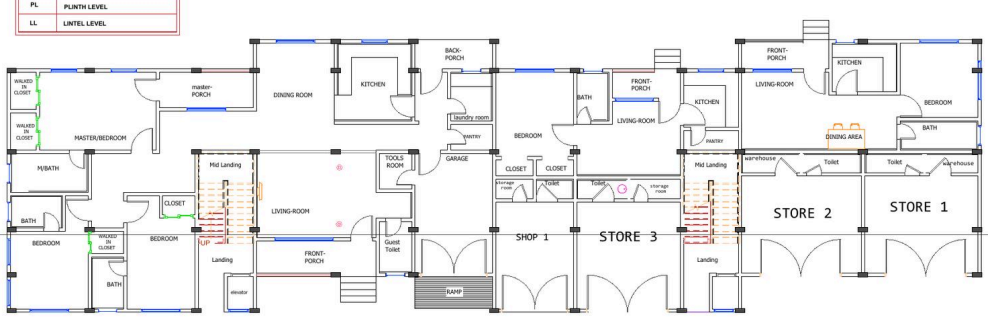
LEFT VIEW

SECTION A-A



SECTION A-A'

TOC	TOP OF CONCRETER
NGL	NATURAL GROUND LEVEL
PL	PLINTH LEVEL
LL	LINTEL LEVEL



Ground-Floor Plan

Gallery

Tap an image to enlarge.








Front View & Right Side View


Front View & Right Side View

03

G+2 TRI-UNIT RESIDENTIAL COMPLEX

ONE-BEDROOM UNITS · MONROVIA

Oct 2026 · 24 sheets **JBC DESIGN SOLUTION**

— DESCRIPTION

A compact ground-plus-two residential complex of one-bedroom units, prepared for Alvin Massayan Zawolo in Monrovia. Dark stone-effect panels and white render frame the balconies, with day and dusk views to show the lighting. The set covers architecture, structure, MEP and sanitary drawings.

DRAWING SET

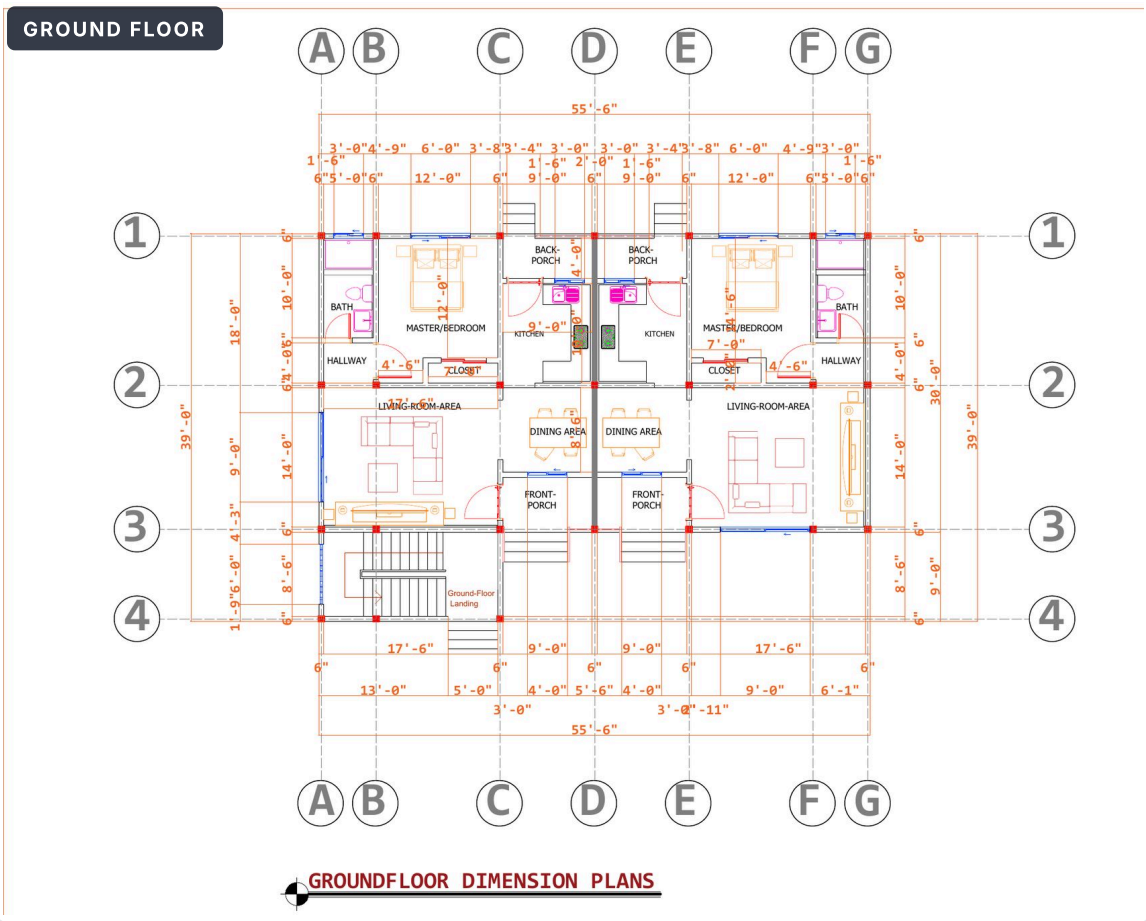
- 24 sheets, A3 landscape
- Architectural, structural, MEP & sanitary
- 3D exterior views, day and dusk

BUILDING

- G+2, three floors of one-bedroom units
- Hip roof, dark roof sheeting
- Stone-effect panels with balconies

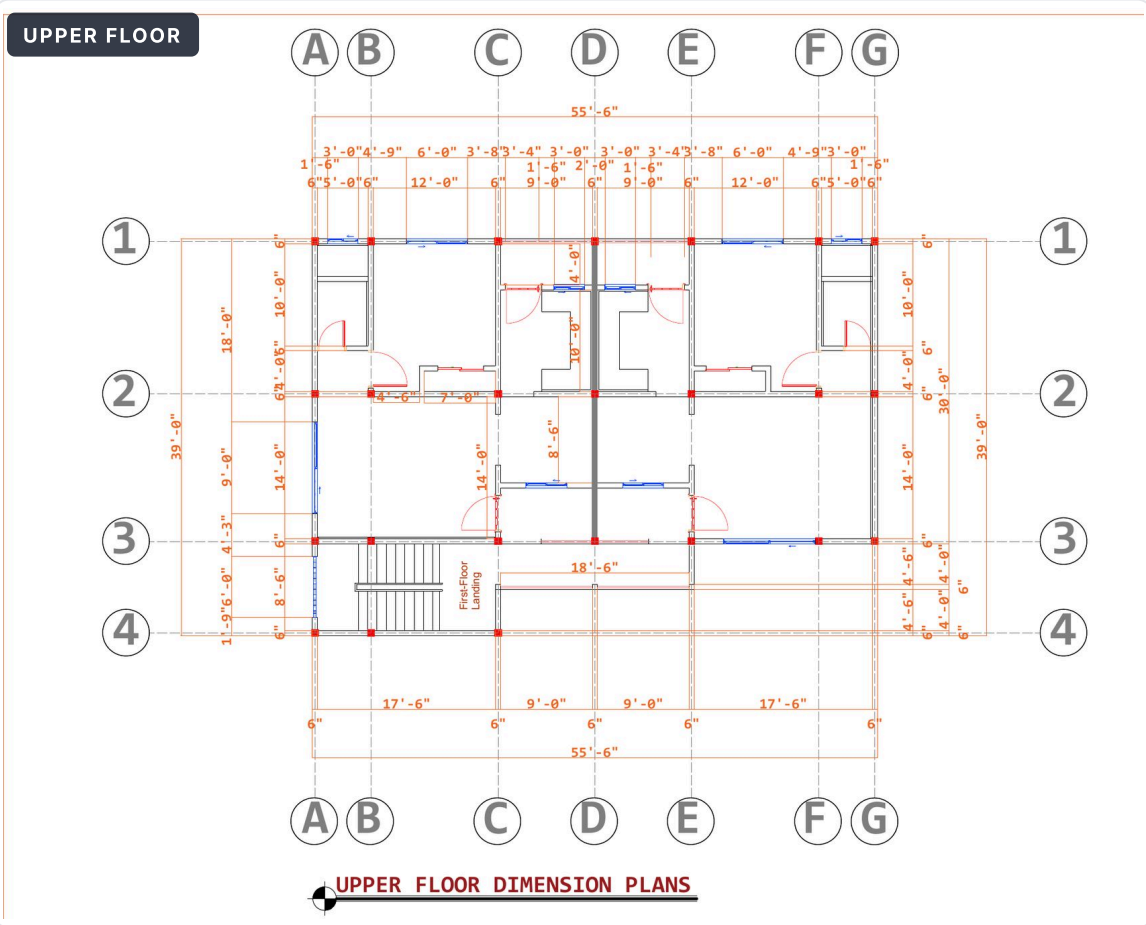
View Full Drawing on Google Drive

GROUND FLOOR



GROUNDFLOOR DIMENSION PLANS

UPPER FLOOR



UPPER FLOOR DIMENSION PLANS

Elevations

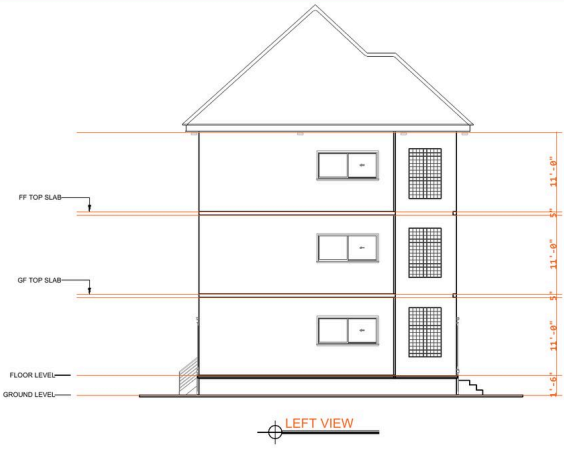
Drawings from the permit set. Tap a drawing to enlarge.

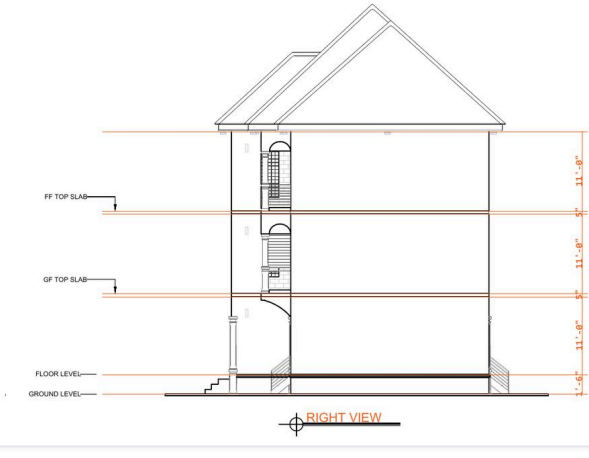
FRONT & BACK





RIGHT & LEFT



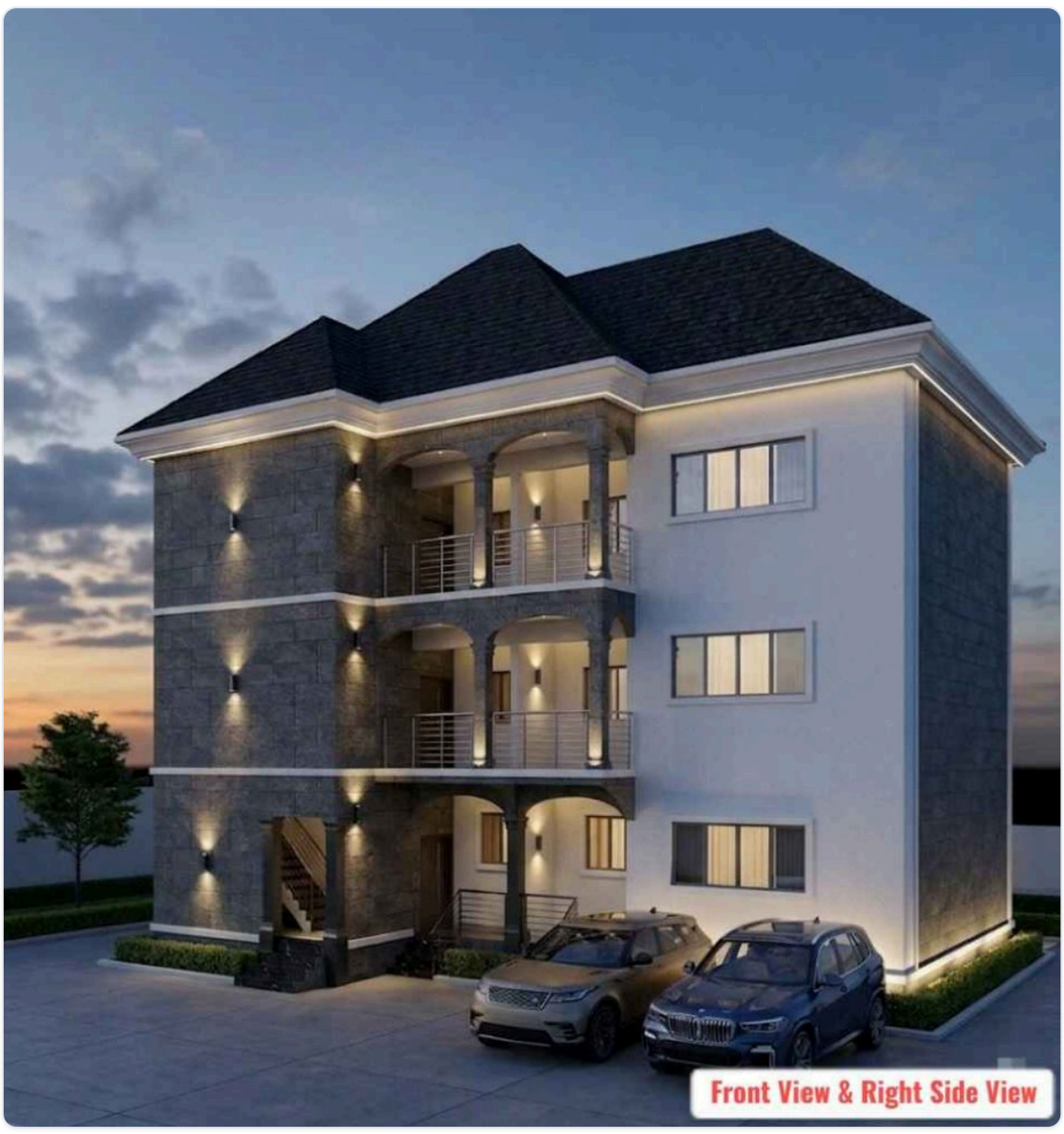


Gallery

Tap an image to enlarge.











Project 04

04

SIX-BEDROOM RESIDENCE

TWO STOREYS · POOL · PORTE-COCHÈRE · MONROVIA

Sep 2025 · 27 sheets | **LIBERIA RENAISSANCE GROUP**

— DESCRIPTION

A two-storey six-bedroom family residence for Dorothy Gloria Stevenson, with a porte-cochère driveway, swimming pool, fountain and parking for six cars. Family living, an open island kitchen and dining sit at the ground floor, with offices, balconies and a void over the family room above.

ACCOMMODATION

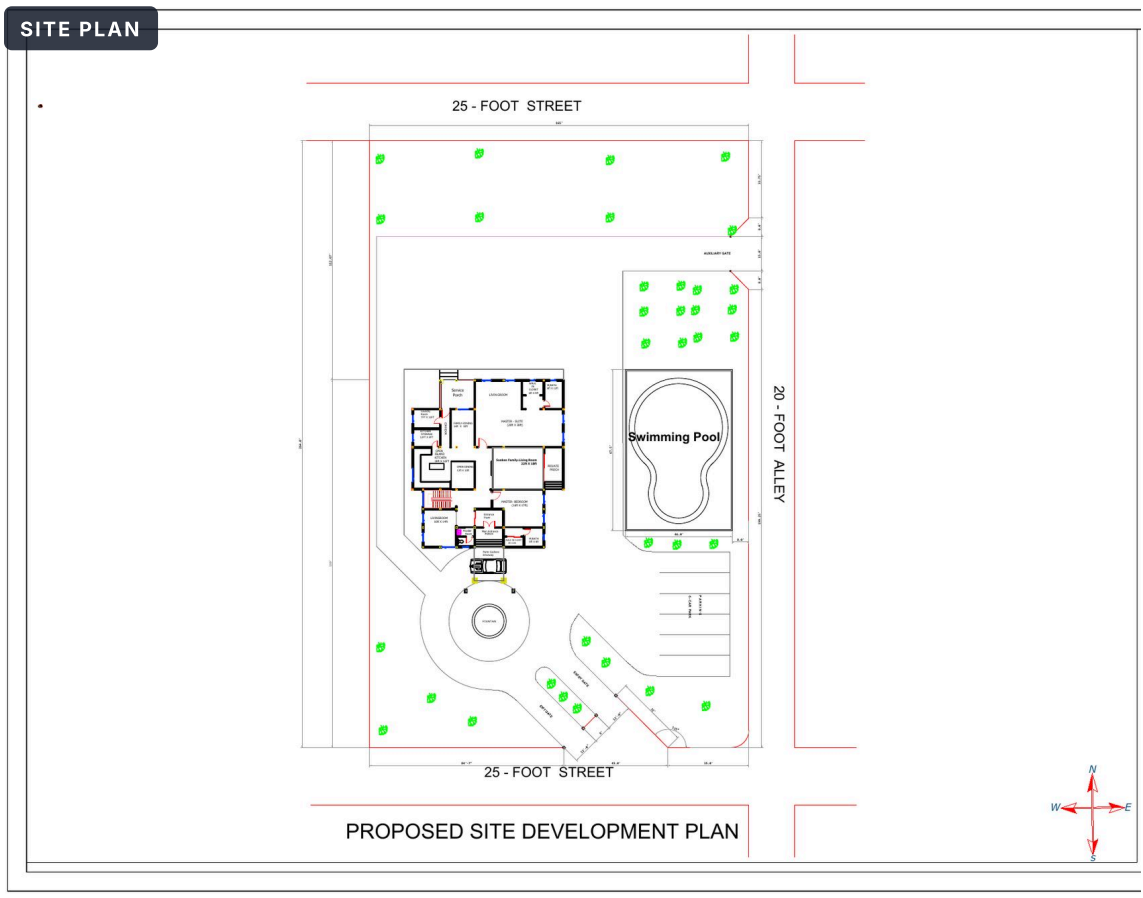
- 6 bedrooms: 2 on ground floor, 4 above
- Family living, island kitchen, open dining
- Balconies and a void over the family room

SITE & SERVICES

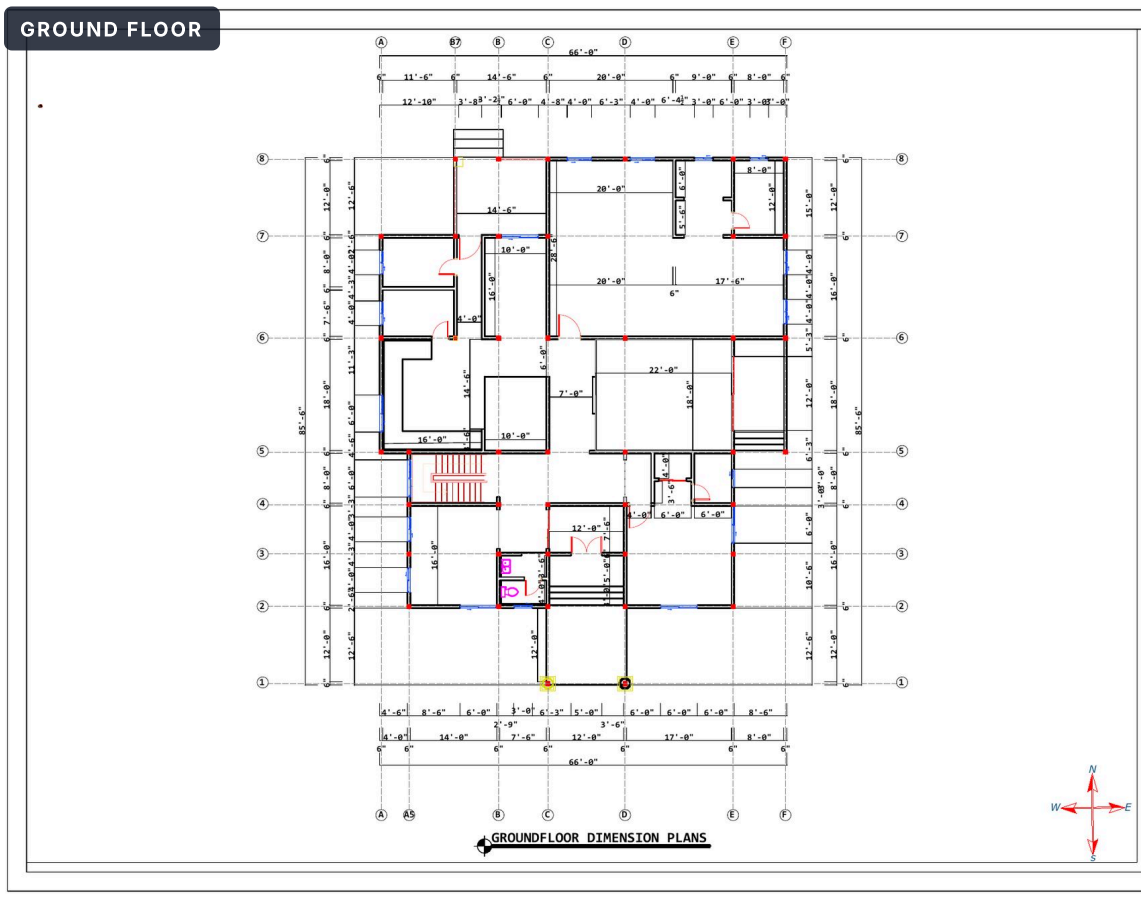
- Pool, fountain, parking for 6 cars
- 25-foot streets north and south
- Septic tank & soakaway; 100 A panel

View Full Drawing on Google Drive

SITE PLAN



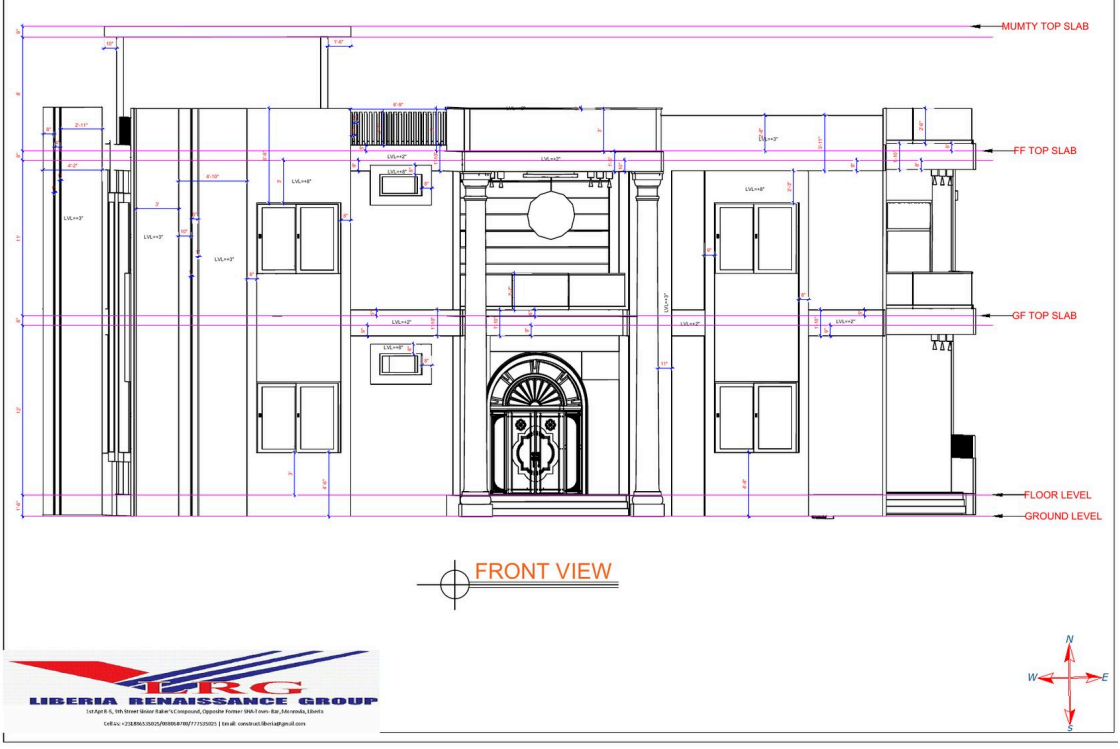
GROUND FLOOR



Elevations & First Floor

Drawings from the permit set. Tap a drawing to enlarge.

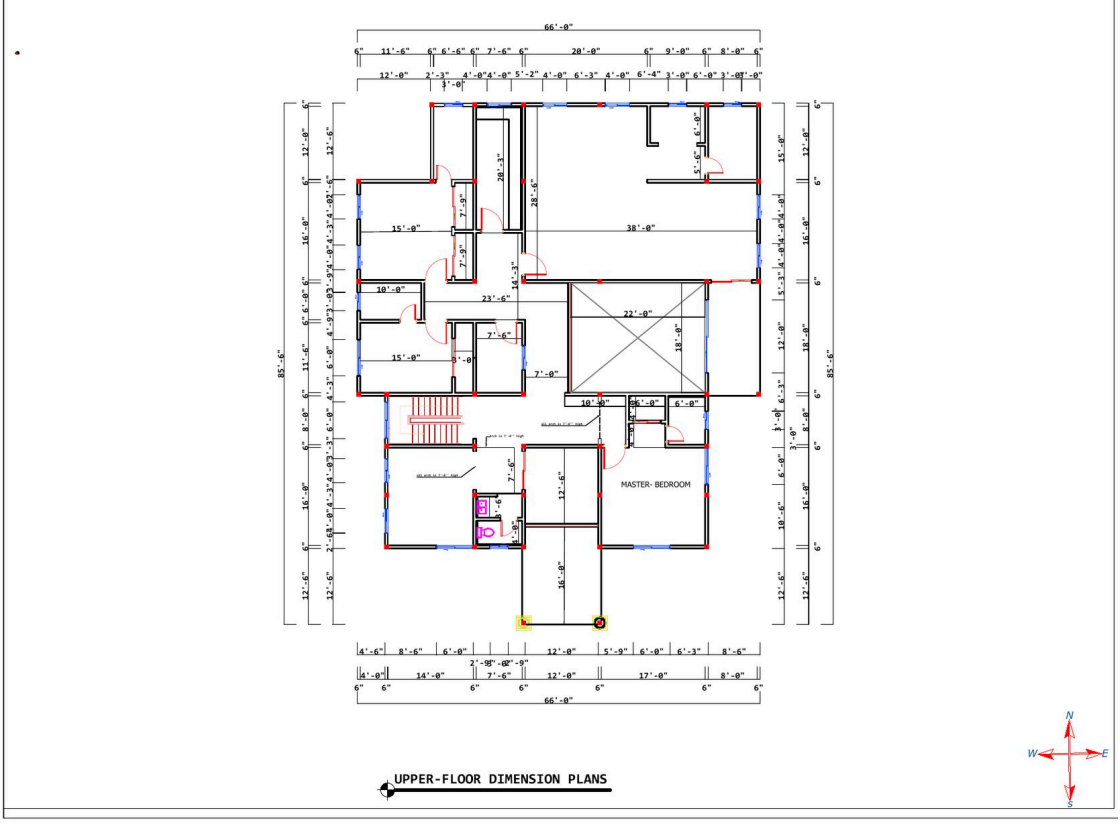
FRONT



LEFT



FIRST FLOOR



Gallery

Tap an image to enlarge.











Project 05

05

3-BEDROOM RESIDENCE WITH 2-CAR GARAGE

SINGLE-STOREY HIP ROOF · MONTSERRADO COUNTY

Sep 2026 · MPW set | **JBC DESIGN SOLUTION**

— DESCRIPTION

A single-storey three-bedroom home with a two-car garage and an arched covered entry, designed for Mrs. Leona Brandy and delivered as a complete construction set for Ministry of Public Works submission. The set runs from site plan and elevations through roof framing, structure and MEP.

DRAWING SET

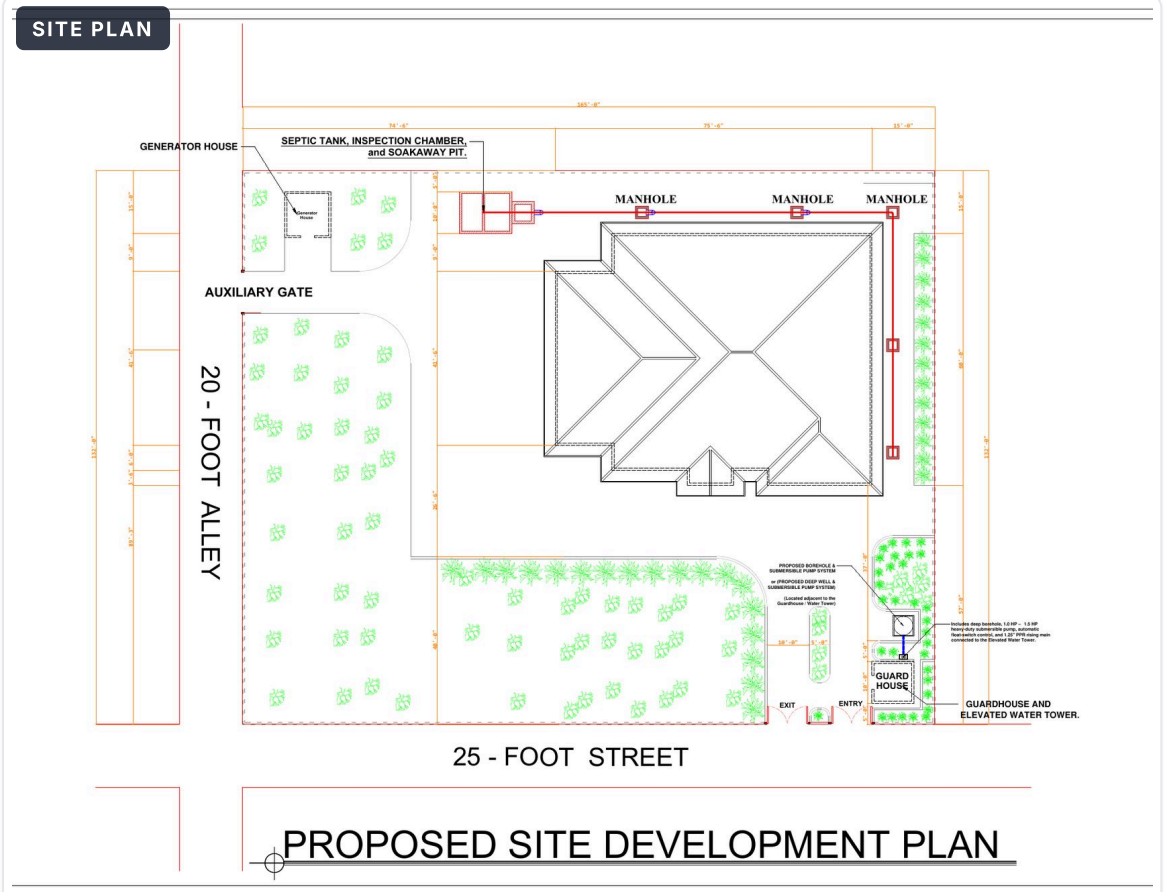
- Site plan, floor plan, elevations, section
- Roof framing, sheeting and bird's-eye view
- Foundation, column and MEP sheets

DESIGN

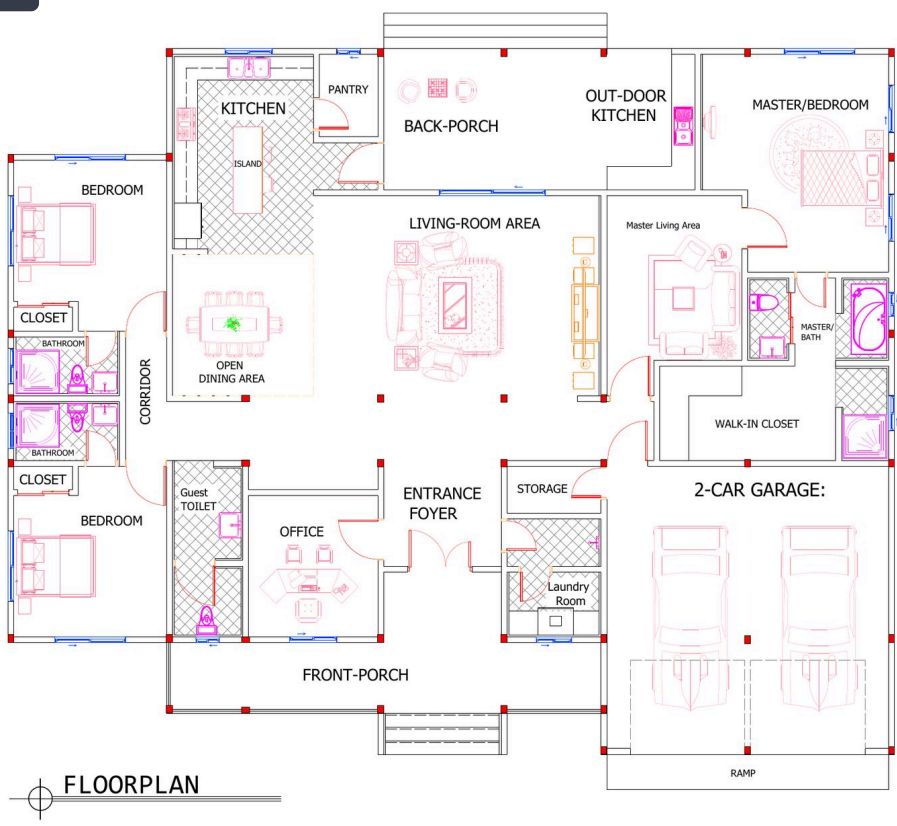
- Hip roof with dark roof sheeting
- Two-car garage with timber doors
- Covered front porch and arched entry

View Full Drawing on Google Drive

SITE PLAN



FLOOR PLAN



Elevations & Section

Drawings from the permit set. Tap a drawing to enlarge.

FRONT & REAR



FRONT Elevation VIEW

GENERAL ELEVATION & FINISH NOTES (SHEET A-201)

FINISHED FLOOR ELEVATION (FFE):

MAIN FINISHED FLOOR LEVEL SHALL BE MAINTAINED AT A MINIMUM OF +1'-6" (+460mm) ABOVE THE ESTABLISHED EXTERIOR NATURAL GROUND LEVEL (NGL).

FINAL SITE GRADING SHALL SLOPE AWAY FROM ALL FOUNDATION FOOTINGS AT A MINIMUM 2% GRADE TO PREVENT STORMWATER POOLING.

WALL FINISHES & MOISTURE PROTECTION:

ALL EXTERIOR WALLS TO BE CONSTRUCTED OF 6" SOLID REINFORCED CONCRETE MASONRY UNITS (CMU) WITH A 3/4" (20mm) SMOOTH CEMENT-SAND PLASTER COATING ON BOTH FACES.

EXTERIOR WALL FINISH SHALL BE FINISHED WITH AN ACRYLIC-BASED, ANTI-FUNGAL, UV-RESISTANT, WEATHER-PROOF ELASTOMERIC PAINT SYSTEM SUITABLE FOR HIGH-HUMIDITY TROPICAL ENVIRONMENTS.

ROOF & EAVE DETAILS:

ROOF STRUCTURAL SYSTEM CONSISTS OF DAHOMA TIMBER TRUSSES SET AT A 30° PITCH COVERED WITH PRE-PAINTED LONG-SPAN CORRUGATED METAL SHEETING.

ROOF OVERHANGS SHALL MAINTAIN A CONTINUOUS EXTENSION OF 24" TO 36" BEYOND THE EXTERIOR WALL FACE TO SHIELD MASONRY FROM DIRECT SUNLIGHT AND DRIVING RAIN.

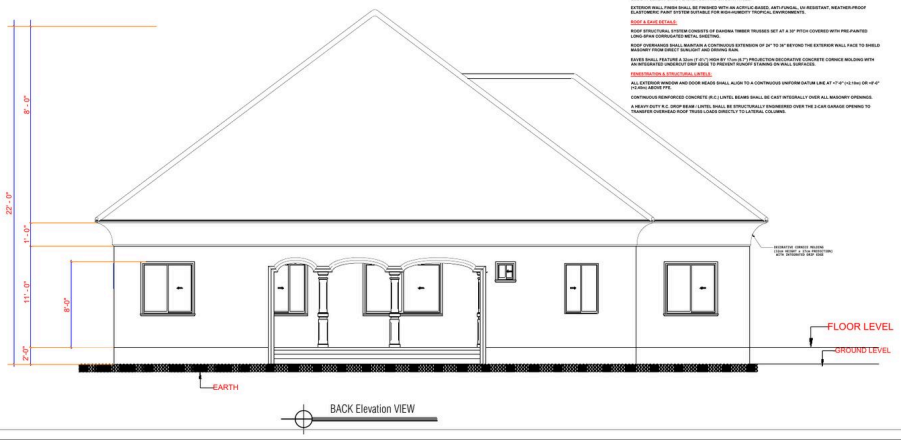
EAVES SHALL FEATURE A 12mm (1'-6C") HIGH BY 17mm (0.7") PROJECTION DECORATIVE CONCRETE CORNICE MOLDING WITH AN INTEGRATED UNDERCUT DRIP EDGE TO PREVENT RUNOFF STAINING ON WALL SURFACES.

FENESTRATION & STRUCTURAL LINTELS:

ALL EXTERIOR WINDOW AND DOOR HEADS SHALL ALIGN TO A CONTINUOUS UNIFORM DATUM LINE AT +7'-0" (+2.15m) OR +8'-0" (+2.45m) ABOVE FFE.

CONTINUOUS REINFORCED CONCRETE (R.C.) LINTEL BEAMS SHALL BE CAST INTEGRALLY OVER ALL MASONRY OPENINGS.

A HEAVY-DUTY R.C. DROP BEAM / LINTEL SHALL BE STRUCTURALLY ENGINEERED OVER THE 2-CAR GARAGE OPENING TO TRANSFER OVERHEAD ROOF TRUSS LOADS DIRECTLY TO LATERAL COLUMNS.



BACK Elevation VIEW

LEFT & RIGHT

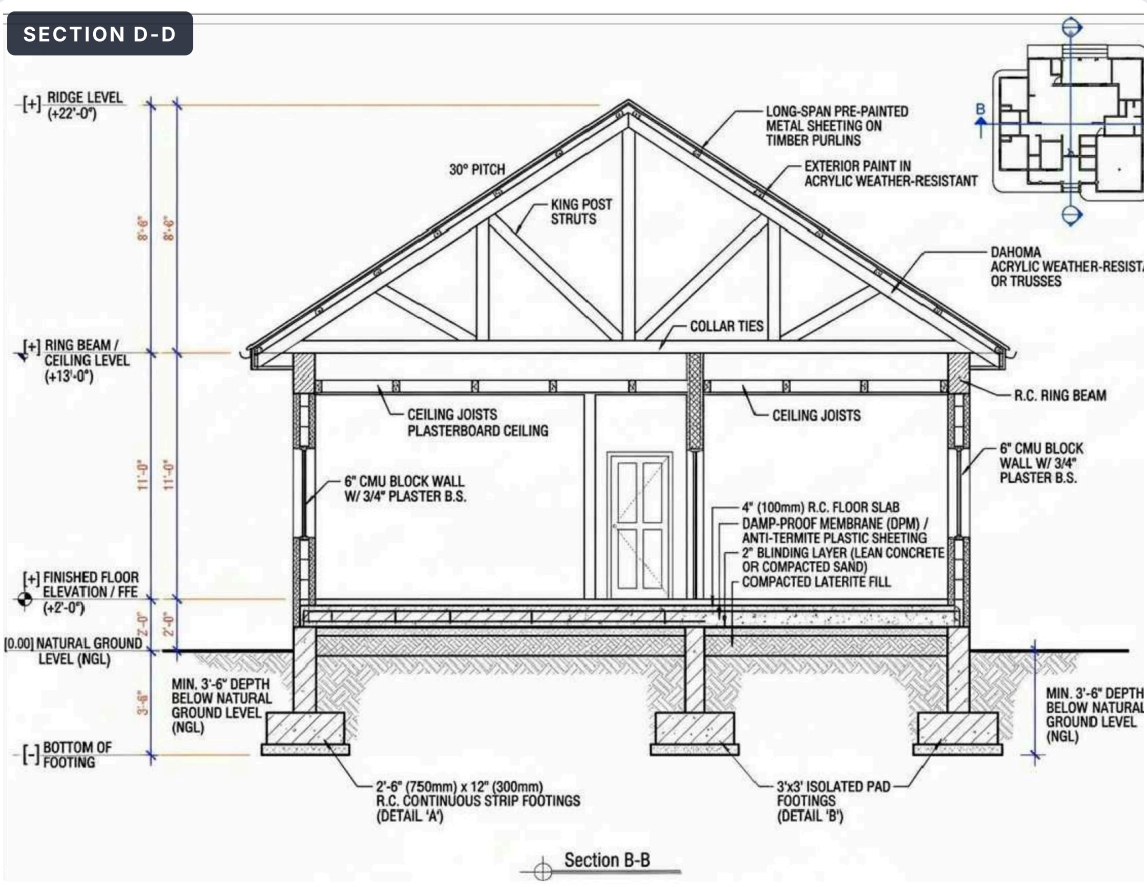


LEFT Elevation VIEW



RIGHT Elevation VIEW

SECTION D-D



Section B-B

Gallery

Tap an image to enlarge.











06

CONTEMPORARY RESIDENCE

FOUR-BEDROOM · TWO STOREYS · ROOF TERRACE

Jul 2026 – Present **JBC-DESIGN-SOLUTION**

— DESCRIPTION

A proposed two-storey contemporary home built around a bold geometric facade: grey and tan massing, a brick feature wall, a circular cut-out and LED line lighting. Glazed balconies, a covered car porch and a timber-pergola roof terrace tie the house to its landscape.

DESIGN FEATURES

- Grey & tan geometric massing
- Brick feature wall, circular cut-out
- LED line lighting, glass balconies

DRAWING DATA

- 11'-0" floor-to-floor
- 1'-6" plinth above ground level
- Stair-head (mumty) & roof terrace



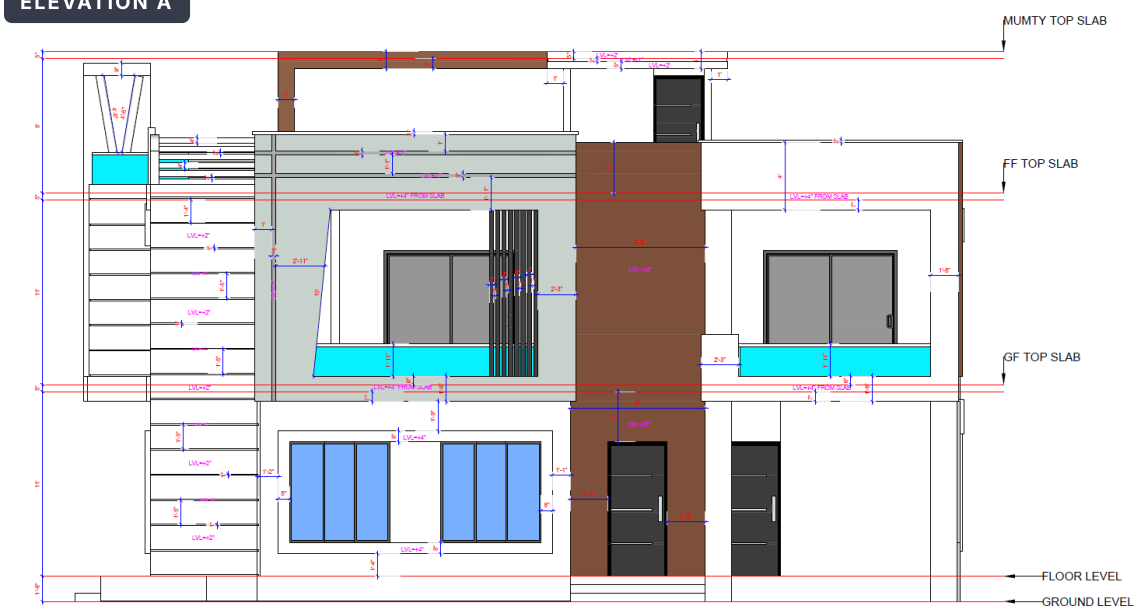




Elevations

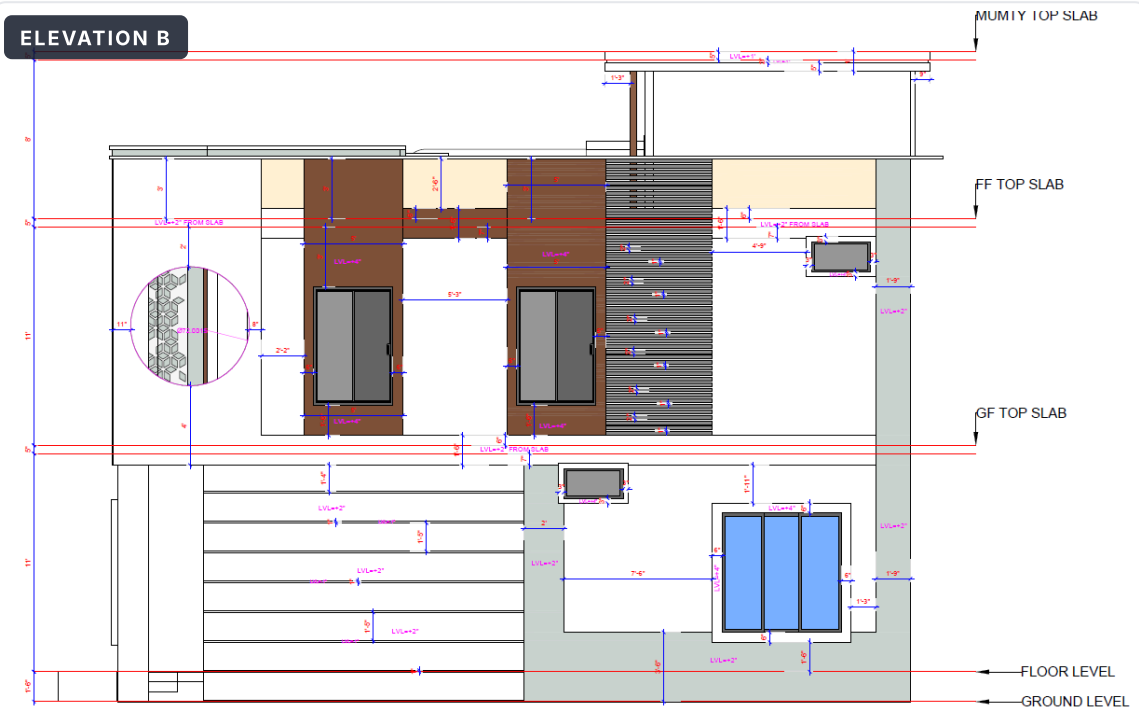
Dimensioned drawings with projection levels (LVL). Tap a drawing to enlarge.

ELEVATION A



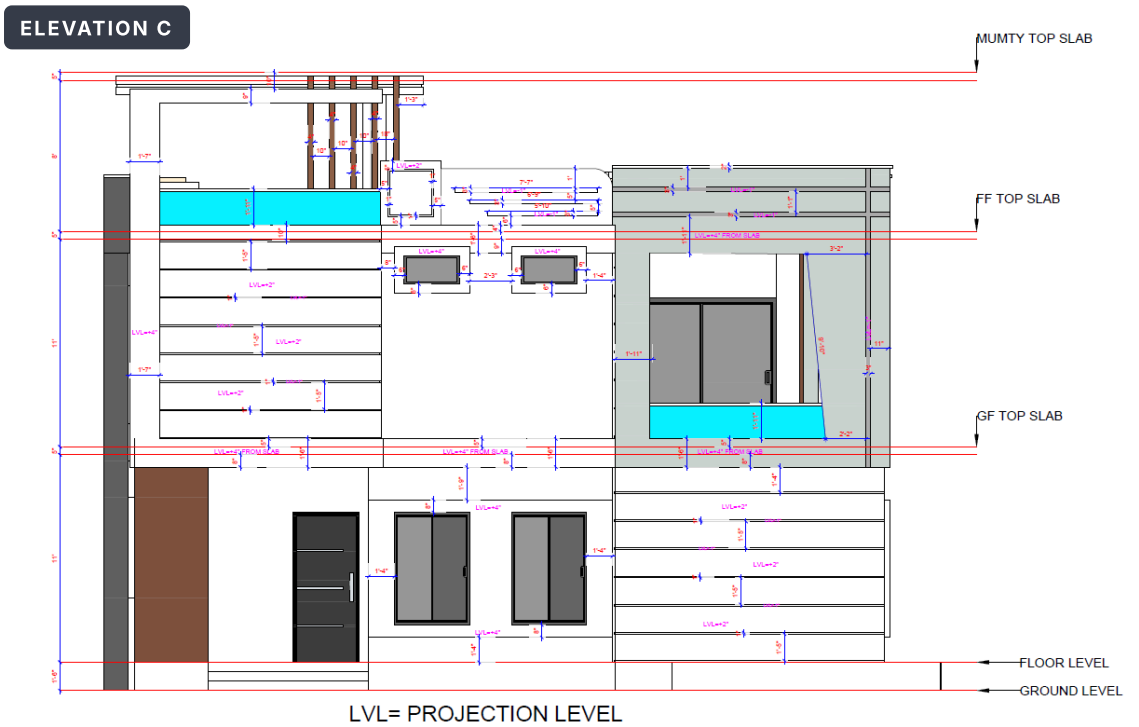
LVL= PROJECTION LEVEL

ELEVATION B



LVL= PROJECTION LEVEL

ELEVATION C



LVL= PROJECTION LEVEL

Facade Study



Horizontal tan cladding, a brick feature wall and dark grey frames give the elevations a layered rhythm. The same palette runs from the front porch to the roof terrace, so the house reads as one composition from every angle.

MATERIALS

- Tan horizontal cladding
- Face brick feature wall
- Dark grey frames & fascia

SPACES

- Covered car porch
- Glazed first-floor balconies
- Roof terrace with pergola


SHOP-1
SHOP-2
SHOP-3


SHOP-1
SHOP-2
SHOP-3
SHOP-4
SHOP-5
SHOP-6
SHOP-7
SHOP-8

07

RETAIL & APARTMENT BLOCK

G+2 MIXED-USE · EIGHT SHOPS

Mixed-use **JBC-DESIGN-SOLUTION**

— DESCRIPTION

A long-frontage mixed-use block pairing eight roller-shutter shops at street level with two apartment floors above. A glazed stair core and diagonal rust-brown bands break up the facade, while a U-shaped rear courtyard keeps parking behind the shop line.

PROGRAMME

- 8 roller-shutter shops (Shop-1 to 8)
- 2 apartment floors above
- Glazed stair core

SITE & FACADE

- U-shaped rear courtyard, parking
- Diagonal rust-brown feature bands
- Rosewood louvres, spot lighting





Elevations

Front, left, right and back views. Tap a drawing to enlarge.

FRONT



FRONT SIDE VIEW

LEFT



LEFT SIDE VIEW

RIGHT



RIGHT SIDE VIEW

BACK



BACK SIDE VIEW

Rear Courtyard



Parking and service access sit behind the shop line in a U-shaped courtyard, so the street frontage stays clear for the eight shops and their roller shutters.

GROUND LEVEL

- 8 shops on the street front
- Courtyard parking at the rear

UPPER LEVELS

- 2 apartment floors
- Glazed stair core


SHOP NAME
SHOP NAME
SHOP NAME



08

SHOP & APARTMENT BUILDING

GROUND-FLOOR SHOPS · APARTMENTS ABOVE

Concept & 3D	**JBC DESIGN SOLUTION**

— DESCRIPTION

A mixed-use building with glazed shopfronts at street level and apartment floors above, finished in cream and beige with horizontal banding and balconies. A side driveway leads to covered parking, and landscaped paving connects the entrance to the street.

PROGRAMME

- Shopfronts along the ground floor
- Apartment floors above
- Covered side parking

FACADE

- Cream and beige render with banding
- Recessed balconies and window boxes
- Paved forecourt and landscaping







09

APARTMENT BLOCK

MULTI-STOREY APARTMENTS · RAISED PARKING LEVEL

Concept & 3D	**JBC DESIGN SOLUTION**

— DESCRIPTION

A multi-storey apartment block lifted over open parking, with balconies stacked into projecting bays. Rust-brown brick fins, dark grey panels and star-pattern wall lights give the facade a strong vertical rhythm.

PROGRAMME

- Apartments over a raised parking level
- Stacked balconies in projecting bays
- Landscaped frontage

FACADE

- Rust-brown brick fins
- Dark grey feature panels
- Star-pattern wall lighting








NAME


NAME

10

MODERN CORNER VILLA

CORNER-PLOT RESIDENCE

Concept & 3D **JBC DESIGN SOLUTION**

— DESCRIPTION

A modern villa planned for a street corner, so two facades face the road. Stone-effect cladding, dark grey feature panels and a timber soffit are layered across stepped volumes, with planting beds and a paved forecourt at the base.

PLAN

- Corner plot, two street frontages
- Stepped, multi-level massing
- Planted forecourt

FACADE

- Stone-effect cladding
- Dark grey feature panels
- Timber soffits and balconies







11

HIP-ROOF RESIDENCE

TWO-STOREY FAMILY HOME

Concept & 3D	**JBC DESIGN SOLUTION**

— DESCRIPTION

A two-storey family home under a black hip roof, with white fascias, face-brick accent panels and a grey render body. An arched, columned porch and a balcony sit over the entrance, and interlocking paving with planting surrounds the house.

DESIGN

- Black hip roof, white fascias
- Arched, columned entrance porch
- First-floor balcony

MATERIALS

- Grey render body
- Face-brick accent panels
- Interlocking paving & planting





WORKING PACKAGE

- Technical Drafting
- Structural Blueprints
- MEP Integration
- Ministry of Public Works Compliance

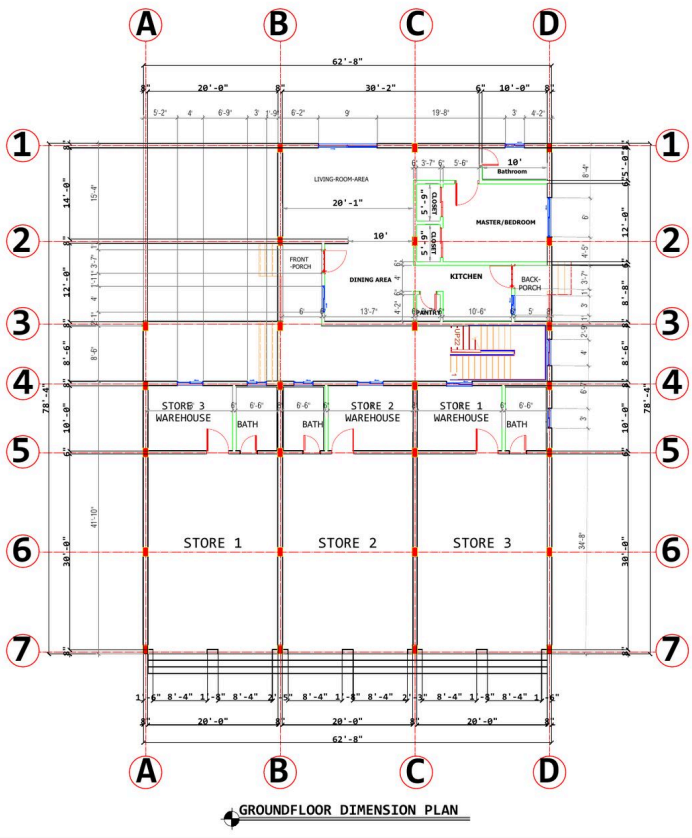
Each permit submission is a bound drawing set: site plan, floor plans, elevations and sections, then foundation, column, beam and slab details, then plumbing and electrical sheets.

TECHNICAL DOCUMENTATION

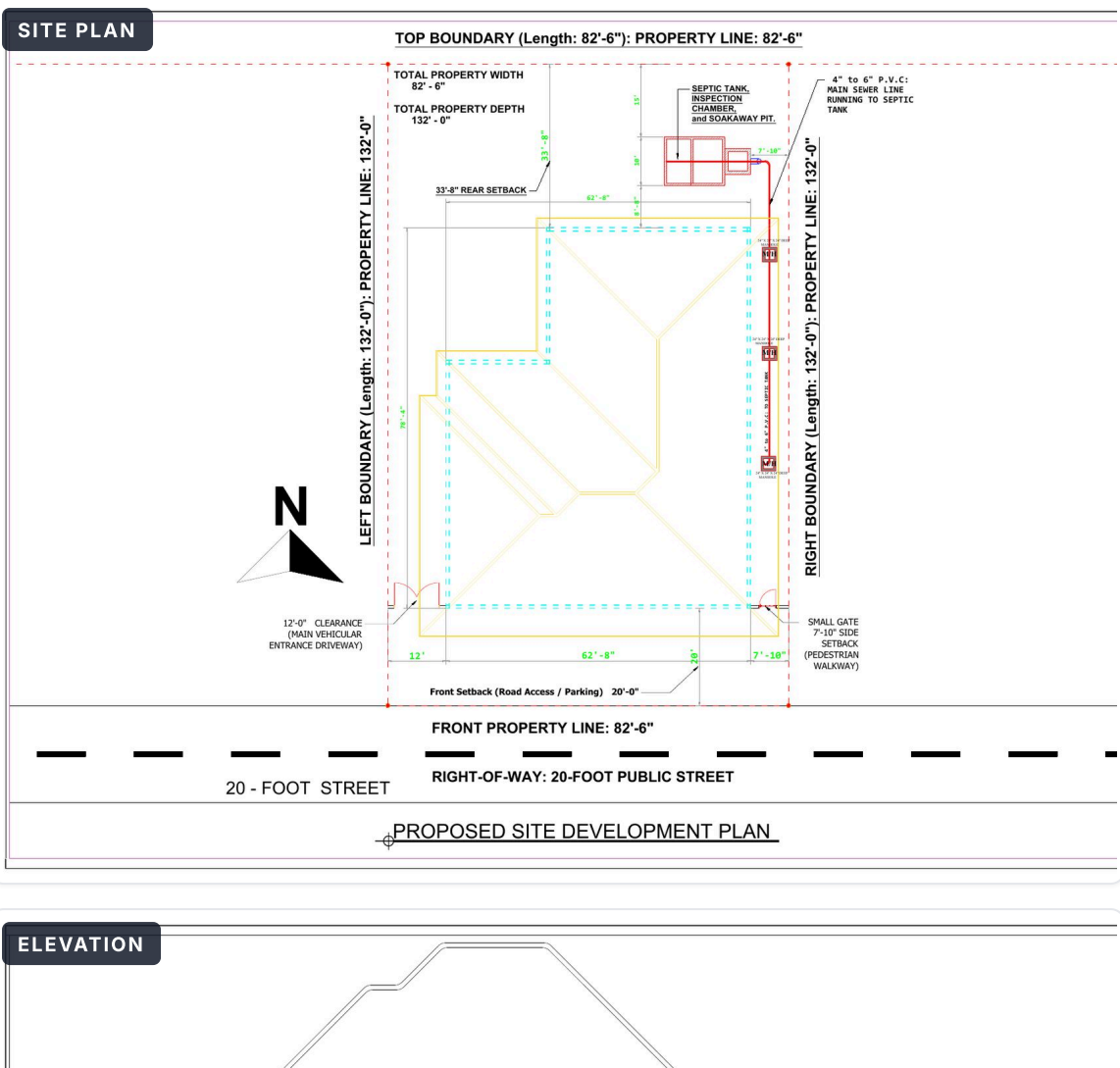
Drawing Standards

Sheets from the G+3 mixed-use permit set. Tap a drawing to enlarge.

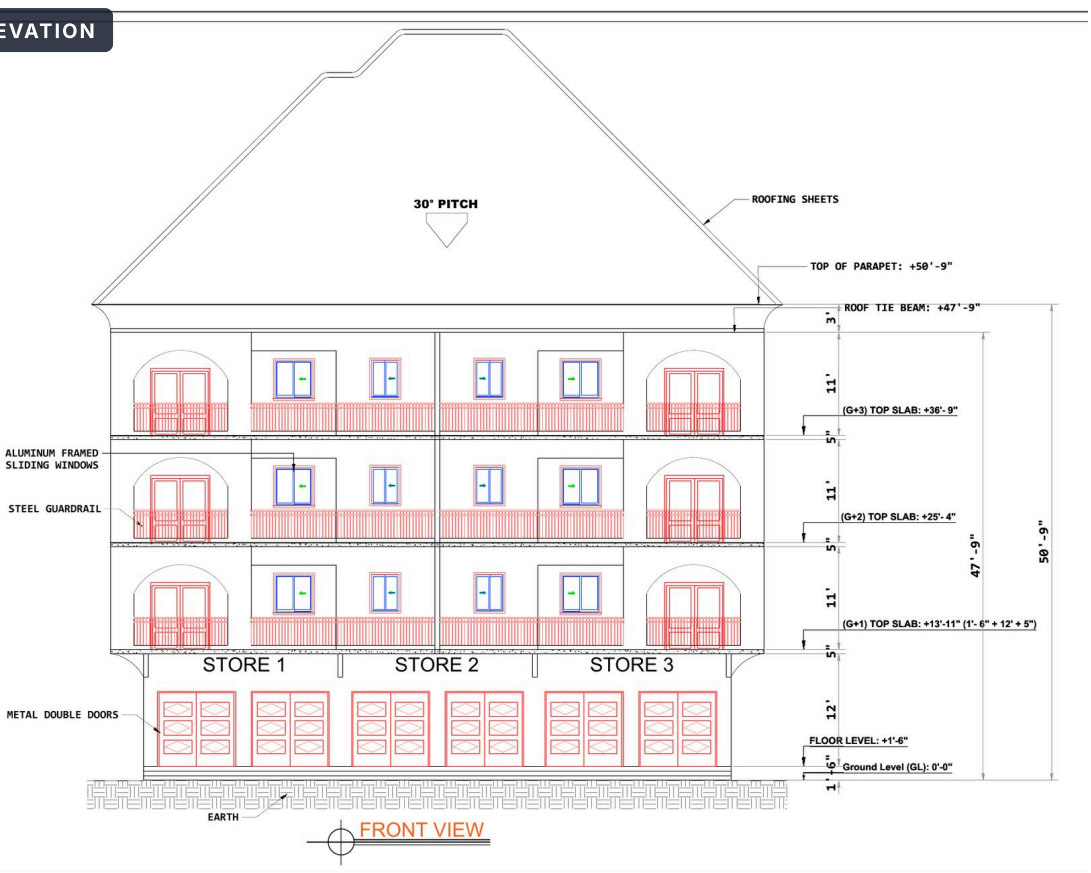
FLOOR PLAN



SITE PLAN



ELEVATION



SECTION



Credentials

Affiliate Member, Engineering Society of Liberia (ESOL) | ID: ESOL-AF-000001

PRACTICE

- JBC Design Solution
- Architectural & Structural Engineering Services
- Headquarters: Paynesville, Monrovia, Montserrado County, Liberia

SERVICES

- Architectural, structural, MEP & sanitary drawings
- Ministry of Public Works permit submissions
- 3D visualisation and concept design
- Mixed-use, residential and commercial projects

RECORD

- Five complete MPW permit drawing sets in this portfolio
- Six further projects shown as concept and 3D work
- Drawn and designed by Johnson B. Cole

LET'S BUILD

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Affiliate Member, Engineering Society of Liberia (ESOL) | ID: ESOL-AF-000001