

Two Bedroom Living

Two alternative layouts, each with two bedrooms, attached washrooms and living with an open kitchen. The 40 ft option uses long-wall ensuites and an internal bedroom connection; the 44 ft option uses rear-corner washrooms. Exterior: Charcoal corrugated steel, white frames and grey horizontal roof rails; flat container roof.

12 x 40 / 44 ft

480 sq ft / 528 sq ft enclosed

FLAT CONTAINER ROOF / CORRUGATED STEEL

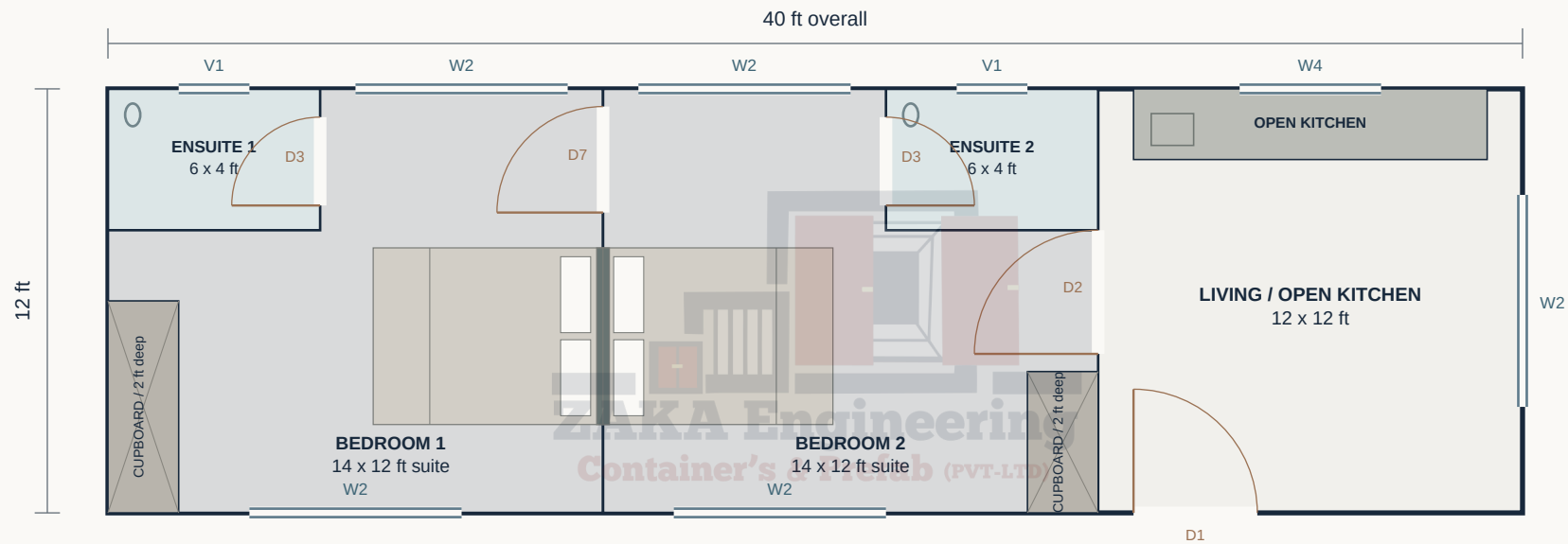


PHOTOREALISTIC EXTERIOR / REVISED ROOF & CLADDING

01 / 12 X 40 FT OPTION

12 x 40 ft. Two bedroom suites.

Nominal feet before wall deductions. Doors, windows, washrooms, cupboards and circulation are shown on plan.



ROOM SCHEDULE / NOMINAL FEET

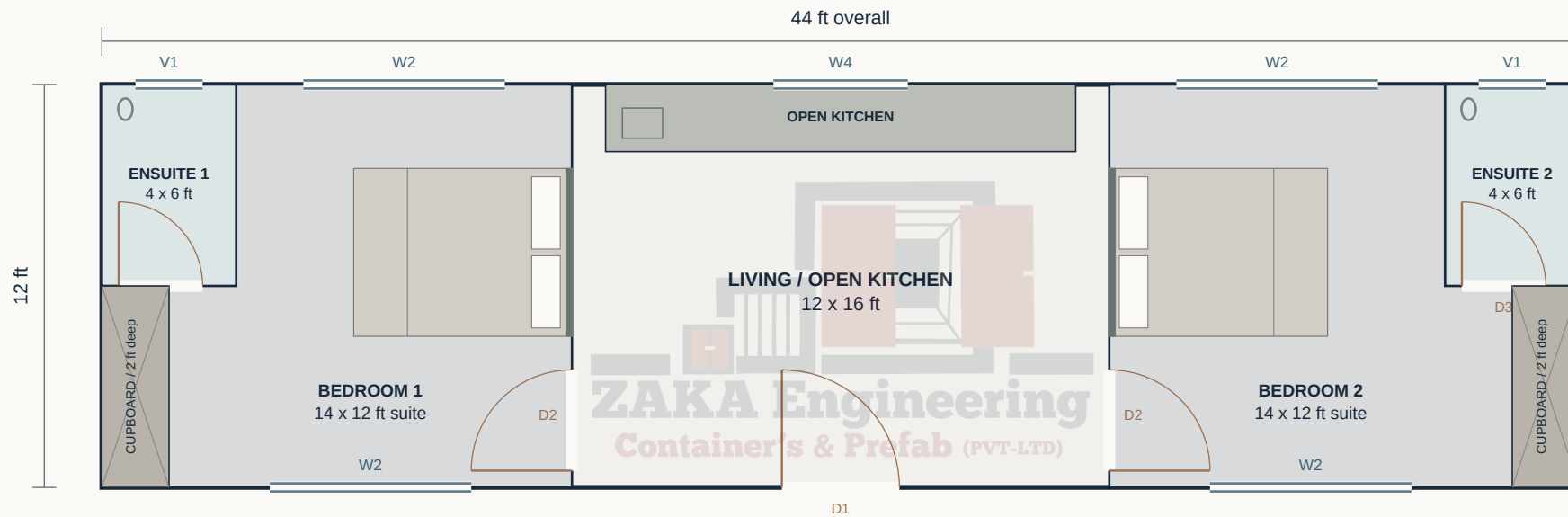
Long-wall ensuites	Two 6 x 4 ft ensuites on the rear 40 ft side, each entered only from its bedroom.
Internal bedroom access	Living opens into bedroom 2; a 3 ft connecting door leads from bedroom 2 to bedroom 1. No outside bedroom entry is needed.
Building area	12 x 40 ft = 480 sq ft; two 14 x 12 ft gross bedroom suites plus 12 x 12 ft end living/open kitchen.

Beds: 5 x 6.5 ft; solid-wall headboards; minimum 2.5 ft access at both long sides and the foot.

01 / 12 X 44 FT OPTION

12 x 44 ft. Two bedroom suites.

Nominal feet before wall deductions. Doors, windows, washrooms, cupboards and circulation are shown on plan.



ROOM SCHEDULE / NOMINAL FEET

Rear-corner washrooms	4 x 6 ft ensuites relocated to the two outside rear corners, along the 12 ft bedroom ends, away from living entry.
Central living / kitchen	12 x 16 ft shared living/open-kitchen bay. Both bedrooms open directly into living; cupboards are 2 ft deep.
Building area	12 x 44 ft = 528 sq ft; two 14 x 12 ft gross suites include attached washrooms and cupboards.

Beds: 5 x 6.5 ft; solid-wall headboards; minimum 2.5 ft access at both long sides and the foot.

02 / DOORS, WINDOWS & FINISHES

Every opening. Clearly scheduled.

Window dimensions are width x height; locations follow the tags on the floor plans. All door sizes are clear nominal openings.

D1 / main entrance	4 ft x 6 ft 6 in (home); 3 ft 6 in x 6 ft 6 in (other units).
D2 / internal doors	3 ft clear in the 44 ft option; 3 ft 6 in in the 40 ft option. Door height 6 ft 6 in.
D3 / washroom doors	2 ft 6 in x 6 ft 6 in; moisture-resistant finish.
W2 / living & offices	6 ft x 4 ft; living, bedroom and executive-office walls where tagged.
W4 / kitchen / studio	4 ft x 4 ft; studio long walls, residence kitchen and office kitchen.
V1 / washroom vent	2 ft x 1 ft 6 in, high-level frosted opening; mechanical extract provision.
D7 / bedroom connection	3 ft x 6 ft 6 in; internal door between bedrooms 2 and 1 in the 40 ft option.
Cupboard / wardrobe	2 ft deep; positions and lengths follow the floor plan.
Finish selection	Charcoal corrugated body, white window frames and light grey roof; copper corner border.

Only the tags shown on each plan apply to that option. Typical cupboard depth is 2 ft. Window sill heights, opening direction, final wall build-up and stair connections require coordination before fabrication.

EXTERIOR / ROOF & CLADDING

The same design. Every side.

Revised corrugated steel construction and roof profile. Measured plans control the openings.



FRONT / ENTRY PERSPECTIVE

Charcoal corrugated steel, white frames and grey horizontal roof rails



REAR / SERVICE PERSPECTIVE

Charcoal corrugated steel, white frames and grey horizontal roof rails

ROOF: Flat container-style corrugated steel roof with level perimeter rails; concealed drainage falls coordinated during detailing.

Concept images illustrate materials and roof form. Exact opening sizes and positions, stairs and circulation follow the approved measured plans.

EXTERIOR / ROOF & CLADDING

The same design. Every side.

Revised corrugated steel construction and roof profile. Measured plans control the openings.



LEFT / END PERSPECTIVE

Charcoal corrugated steel, white frames and grey horizontal roof rails



RIGHT / END PERSPECTIVE

Charcoal corrugated steel, white frames and grey horizontal roof rails

ROOF: Flat container-style corrugated steel roof with level perimeter rails; concealed drainage falls coordinated during detailing.

Concept images illustrate materials and roof form. Exact opening sizes and positions, stairs and circulation follow the approved measured plans.

MATERIALS / INDIVIDUAL DESIGN

Corrugated steel. Defined roof form.

Roof and wall specification revised to match the selected building width.

Building	Two Bedroom Living / 12 x 40 / 44 ft
Floor area	480 sq ft / 528 sq ft enclosed
Exterior walls	Deep vertical shipping-container-style corrugated steel cladding with visible steel corner posts and top/bottom perimeter rails.
Roof profile	Flat container-style corrugated steel roof with level perimeter rails; concealed drainage falls coordinated during detailing.
Exterior palette	Charcoal corrugated steel, white frames and grey horizontal roof rails.
Structure / enclosure	Fabricated or joined steel modules with insulation, weatherproof flashings and engineered supports and connections.
Openings / services	Room access, kitchen and washroom positions, window sizes and furniture follow the approved plans and opening schedule.
Delivery / installation	Transport route, crane access, anchoring, water, drainage and electrical connections coordinated for the site.

Concept specification. Final roof falls, support sizes, waterproofing and drainage are coordinated before fabrication. Complete material standards follow.

04 / CLIENT MATERIAL STANDARD

Materials. As specified by Zaka.

Complete client-supplied specification / part 1 of 5. Selection and inclusion follow the approved quotation.

01. SHIPPING CONTAINER

Material: Original Shipping Container / Corten Steel Container
Construction: Heavy-Duty Corrugated Steel Structure
Body: Weather-resistant Corten Steel
Floor: Original Container Flooring, where specified
Doors: Original/Modified Container Steel Doors
Corner Posts: Heavy-Duty Original Container Corner Castings & Posts
Protection: Anti-Rust Primer & Protective Paint Coating
Application: Offices, Rooms, Homes, Stores, Site Offices, Cafés, Restaurants, Guard Rooms, Control Rooms and Customized Structures.

02. PREFAB SANDWICH PANEL

Type: Insulated Prefabricated Sandwich Panel
Standard Thickness: 2" (50 mm)
Application: Walls & Roof
Construction: Insulated Core with Protective Metal Sheets
Properties: Thermal Insulation, Heat Resistance, Moisture Resistance and Weather Resistance
Surface: Smooth & Ready for Finishing
Installation: Interlocking / Properly Fixed Panel System
Application: Offices, Classrooms, Homes, Kitchens, Stores, Cabins and Commercial Units.

03. GI U-SECTION

Material: Galvanized Iron (GI) Steel
Standard Gauge: 18 / 20 SWG according to project requirement
Type: U-Section Profile
Finish: Galvanized / Corrosion Resistant
Application: Sandwich panel framing, joining, partition framing and structural support
Properties: Lightweight, Durable, Corrosion Resistant and Easy to Install.

04. FIBER CEMENT BOARD

Product: Fiber Cement Board / Cement Board
Country of Origin: Sri Lanka
Standard Sheet Size: 4' x 8'
Available Thickness: 6 mm / 8 mm / 9 mm / 12 mm according to requirement
Composition: Cement, Cellulose/Reinforcing Fibers and Mineral Components
Surface: Smooth & Suitable for Paint / Tile Finishing
Water Resistance: Water & Moisture Resistant
Fire Performance: Fire Resistant / Non-Combustible, subject to manufacturer's certified rating
Termite Resistance: Termite Resistant
Fungus Resistance: Resistant to Fungus & Mould
Rot Resistance: Rot Resistant
Dimensional Stability: Resistant to Warping and Swelling
Durability: High Strength & Long Service Life
Applications: Interior Walls, Exterior Walls, Partitions, Ceilings, Bathrooms, Kitchens, Wet Areas and Prefabricated Structures.

04 / CLIENT MATERIAL STANDARD

Materials. As specified by Zaka.

Complete client-supplied specification / part 2 of 5. Selection and inclusion follow the approved quotation.

05. GLASS WOOL INSULATION

Material: Glass Wool Thermal & Acoustic Insulation

Application: Walls & Roof

Purpose: Heat Insulation & Sound Reduction

Properties: Thermal Insulation, Acoustic Performance and Lightweight Construction

Installation: Installed within wall/roof cavity as per project design

Application: Offices, Homes, Classrooms, Control Rooms, Server Rooms and Commercial Structures.

06. MS STEEL PIPE / STRUCTURAL FRAME

Material: Mild Steel (MS)

Type: Square / Rectangular / Round Pipe

Gauge: According to structural and project requirements

Application: Main structure, roof framing, floor framing, supports and cross members

Properties: High Strength, Durable, Weldable and Suitable for Heavy-Duty Fabrication

Protection: Anti-Rust Primer & Paint Coating.

07. ALUMINIUM WINDOWS

Frame: Aluminium Profile

Type: Sliding / Fixed / Openable

Glass: Clear / Toughened / Other glass according to requirement

Hardware: Handles, Rollers, Locks & Necessary Accessories

Properties: Lightweight, Corrosion Resistant, Durable and Low Maintenance

Application: Offices, Homes, Classrooms, Cabins, Kitchens and Commercial Units.

08. ALUMINIUM DOORS

Frame: Aluminium Profile

Type: Sliding / Hinged / Full Glass Door

Glass: Clear / Toughened Glass according to requirement

Hardware: Heavy-Duty Hinges, Handles, Locks & Accessories

Properties: Durable, Corrosion Resistant, Low Maintenance and Modern Finish.

09. GLASS

Types Available: Clear Glass / Toughened Glass / Decorative Glass according to requirement

Application: Doors, Windows, Partitions, Front Elevations and Commercial Structures

Properties: Clear Visibility, Modern Appearance and Easy Maintenance

Thickness: According to design and safety requirements.

04 / CLIENT MATERIAL STANDARD

Materials. As specified by Zaka.

Complete client-supplied specification / part 3 of 5. Selection and inclusion follow the approved quotation.

10. FLOORING - TILE

Material: Ceramic / Porcelain Floor Tiles
Finish: Matt / Gloss according to requirement
Application: Offices, Homes, Kitchens, Washrooms and Commercial Units
Properties: Durable, Easy to Clean, Moisture Resistant and Suitable for Regular Use
Installation: Properly leveled surface with suitable adhesive/grouting.

11. PVC / VINYL FLOORING

Material: PVC / Vinyl Flooring
Application: Offices, Classrooms, Cabins, Homes and Commercial Spaces
Properties: Water Resistant, Easy to Clean, Durable and Low Maintenance
Finish: Available in different colors, patterns and textures according to client selection.

12. ORIGINAL CONTAINER FLOOR

Material: Original Shipping Container Floor Boards
Type: Heavy-Duty Container Flooring
Application: Container Offices, Rooms, Homes, Stores and Customized Containers
Properties: Strong, Durable and Designed for Heavy Use
Finishing: Can be covered with PVC, Vinyl, Rubber Mat or Tiles according to project requirement.

13. PVC CEILING

Material: PVC Ceiling Panels
Application: Interior Ceilings
Properties: Moisture Resistant, Easy to Clean, Lightweight and Low Maintenance
Application: Offices, Kitchens, Washrooms, Homes, Cabins and Commercial Units.

14. ELECTRICAL SYSTEM

Wiring: Quality Electrical Cables
Installation: Concealed / Duct Patti Wiring according to project design
Lighting: Indoor LED Lights & Outdoor Lights where specified
Accessories: Switches, Sockets, Power Points, Fan Points and Light Points
Protection: Distribution Board & Circuit Breakers according to electrical load
Application: Complete electrical installation according to project requirements.

15. PLUMBING SYSTEM

Water Supply: PPR / Suitable Plumbing Pipes
Drainage: PVC Drainage Pipes
Fittings: Quality Plumbing Fittings
Sanitary Items: WC, Wash Basin, Shower, Taps, Floor Drain and Accessories where specified
Application: Washrooms, Kitchens, Cafés, Homes and Commercial Units.

04 / CLIENT MATERIAL STANDARD

Materials. As specified by Zaka.

Complete client-supplied specification / part 4 of 5. Selection and inclusion follow the approved quotation.

16. KITCHEN / PANTRY

Counter: MS / Steel Structure with Suitable Countertop

Sink: Stainless Steel Kitchen Sink

Storage: Shelves / Cabinets according to design

Plumbing: Water Supply & Drainage Points

Electrical: Required Power & Appliance Points

Finish: Durable and Easy-to-Clean Surface.

17. DOORS & HARDWARE

Hardware Includes:

- Door Locks
- Handles
- Hinges
- Bolts
- Screws
- Fasteners
- Brackets
- Sealants
- Silicone
- Required Installation Accessories

Quality: Heavy-Duty & Suitable for Long-Term Use.

18. PAINT & SURFACE PROTECTION

Surface Preparation: Cleaning, Grinding & Preparation

Primer: Anti-Rust Metal Primer for Steel Structures

Coating: Quality Protective Paint

Finish: Smooth & Uniform Finish

Properties: Weather Resistant, Corrosion Protection and Improved Service Life.

19. STEEL FABRICATION

Materials: MS Pipes, GI Sections, Angles, Flat Bars, Supports & Cross Members

Process: Cutting, Welding, Grinding, Assembly & Finishing

Application: Container Modification, Prefab Structures, Roofs, Floors, Stairs, Supports and Customized Fabrication.

04 / CLIENT MATERIAL STANDARD

Materials. As specified by Zaka.

Complete client-supplied specification / part 5 of 5. Selection and inclusion follow the approved quotation.

20. GENERAL INSTALLATION & FINISHING

Our projects may include, according to the selected design and quotation:

- Material Transportation
- Loading & Unloading
- On-Site Installation
- Panel Installation
- Steel Fabrication
- Electrical Installation
- Plumbing Installation
- Door & Window Installation
- Flooring Installation
- Ceiling Installation
- Painting & Finishing
- Final Inspection & Touch-Up

QUALITY & CUSTOMIZATION

At Zaka Engineering Containers & Prefab (Pvt) Ltd, material specifications are selected according to the project's application, design, dimensions and client requirements.

Available Customizations:

- Different panel thicknesses
- Different steel gauges
- Different insulation options
- Different flooring systems
- Aluminium / Steel / Glass doors
- Aluminium windows
- Electrical & plumbing packages
- Kitchens & washrooms
- Interior partitions
- Ceiling systems
- Custom dimensions and layouts
- Special-purpose container modifications

Note: Final material thickness, gauge, brand, finish and accessories shall be as per the approved quotation, design and project requirements.

05 / MAKE IT YOURS

A clear plan for your next step.

Bring us your site and requirements. We will help develop the layout, scope, and quotation for your project.

BEFORE WE DESIGN

- 01 Intended use and number of occupants
- 02 City, site access and available footprint
- 03 Preferred room layout and finish palette
- 04 Available power, water and drainage
- 05 Budget range and desired delivery timeline

LET'S BUILD YOUR SPACE.

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REFERENCE & DESIGN NOTES

Architecture direction informed by client-assets references, then developed as an original concept. All measurements are nominal feet; wall thicknesses are not deducted. Wider modules require fabricated or joined frames. Original drawings in this catalogue are newly authored schematic interpretations, not reproductions of approved engineering drawings.