

The 4th Annual Modular Building & Offsite Construction Conference

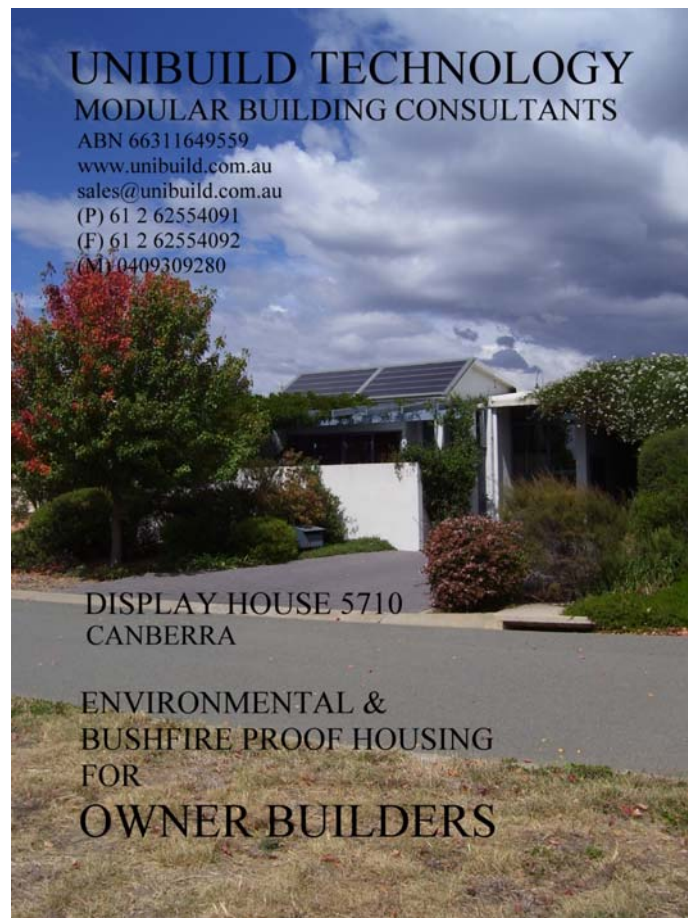
**Presentation by Peter C. Smith,
Founder & Director**

**Unibuild Technology Australia
www.unibuild.com**

Hazard Proof Building Technology

The recent building hazard roll call

The Unibuild Solution















































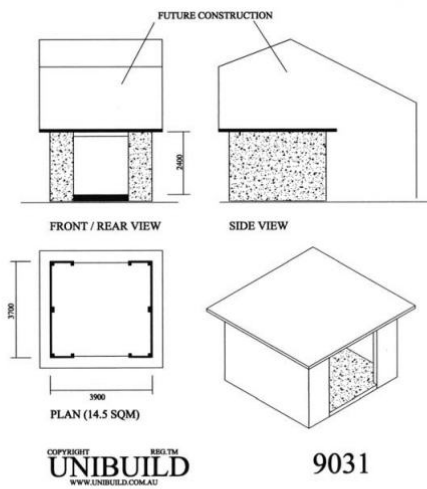




UNIBUILD AUSTRALIA

(www.unibuild.com.au)

TSUNAMI RELIEF BUILDING TECHNOLOGY



BASIC STRUCTURAL BUILDING SHELL EXAMPLE

PRECAST STRUCTURAL BUILDING SHELLS FOR IMMEDIATE SHELTER

EXTEND BUILDING LATER WITH UNIBUILD SYSTEM DESIGN, OR
TRADITIONAL CONSTRUCTION DESIGN STYLE

UNLIMITED FLOOR PLAN DESIGNS TO SUIT CLIENTS REQUIREMENTS
FOR ALL GEOGRAPHICAL LOCATIONS



UNIBUILD PANELS FOR TRUCK HAULAGE

UNIBUILD SHELL STRUCTURES ARE EARTHQUAKE, CYCLONE AND
TSUNAMI RESISTANT. (ZONE 4 CALIFORNIA EARTHQUAKE APPROVED)

UNIBUILD PRECAST CONCRETE 3 TIME STRONGER THAN STANDARD,
SALT AIR RESISTANT, NATURALLY WATERPROOF



TYPICAL LOW COST HOUSING ERECTION

DETAILED PROJECT MANAGEMENT MANUALS AND EXPERIENCED
UNIBUILD CONSTRUCTION TEAM ERECTORS AVAILABLE

SALES INQUIRIES TO UNIBUILD'S THAILAND LICENSEE COMPANY,



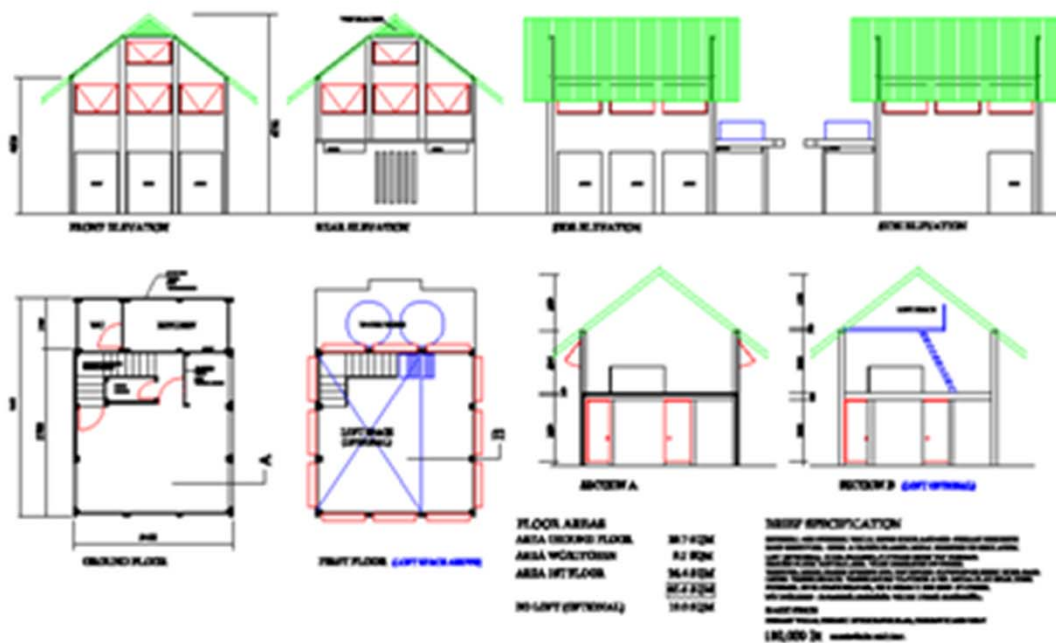








RURAL HOUSING 01



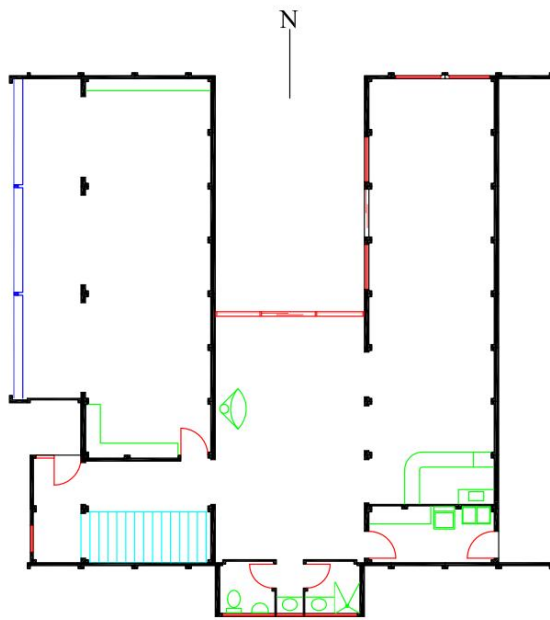
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LOW COST PRECAST HOUSE

9036





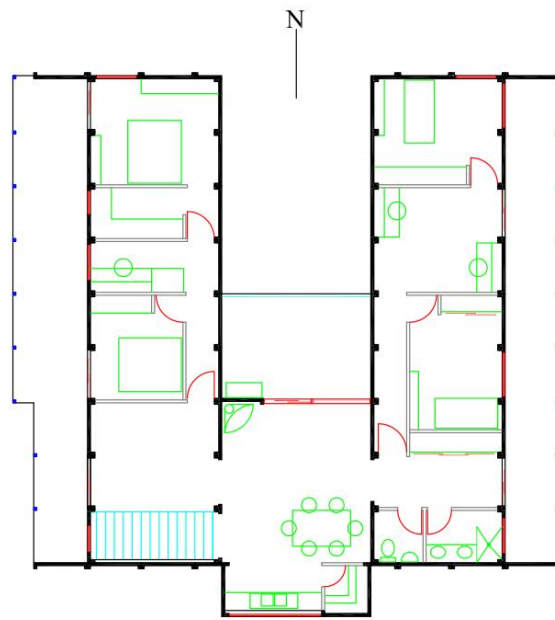


GROUND FLOOR

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FORBES HOUSE

PS 28.11.08
DMG-SAMPLE1/A
9248



FIRST FLOOR

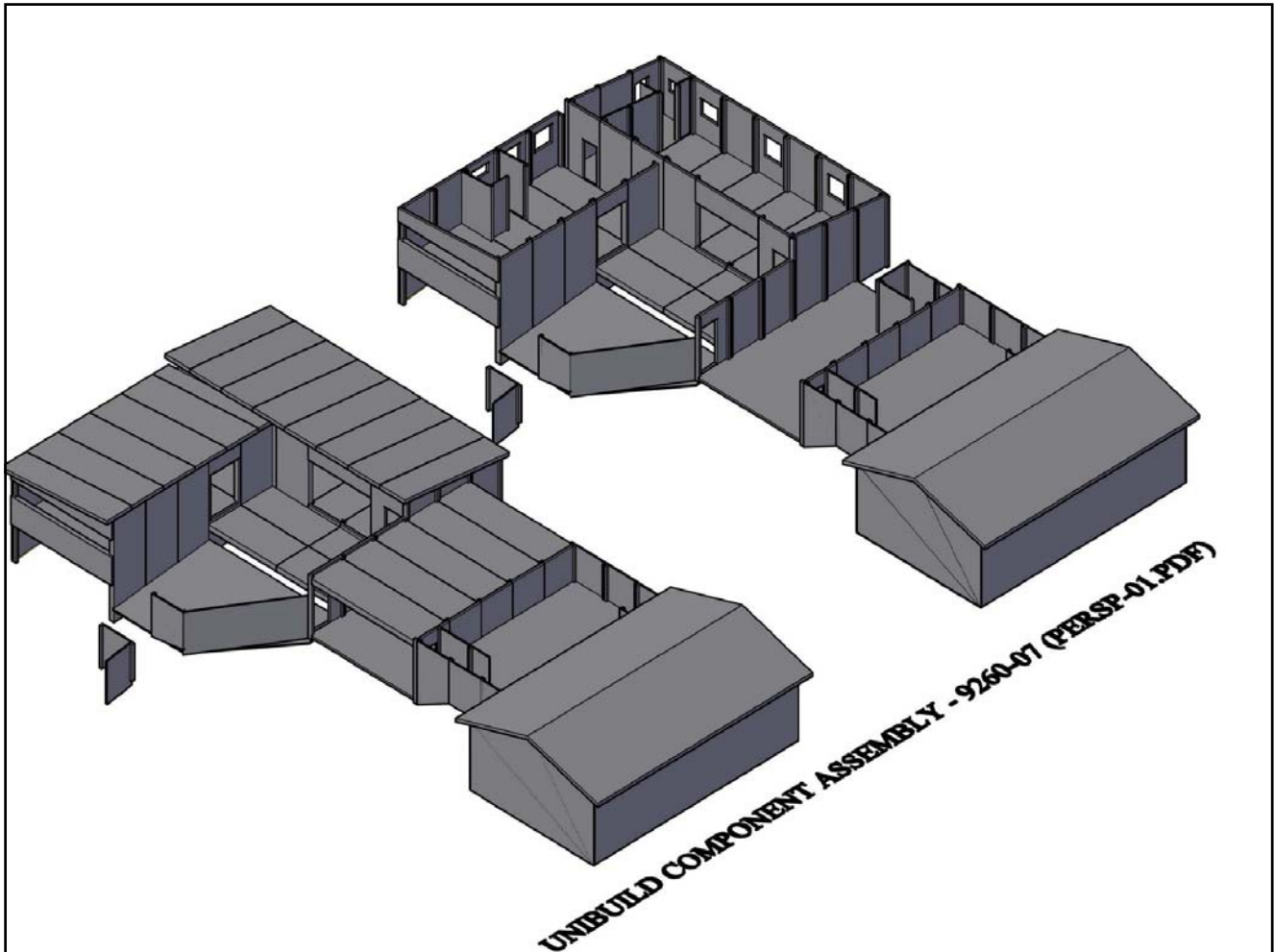
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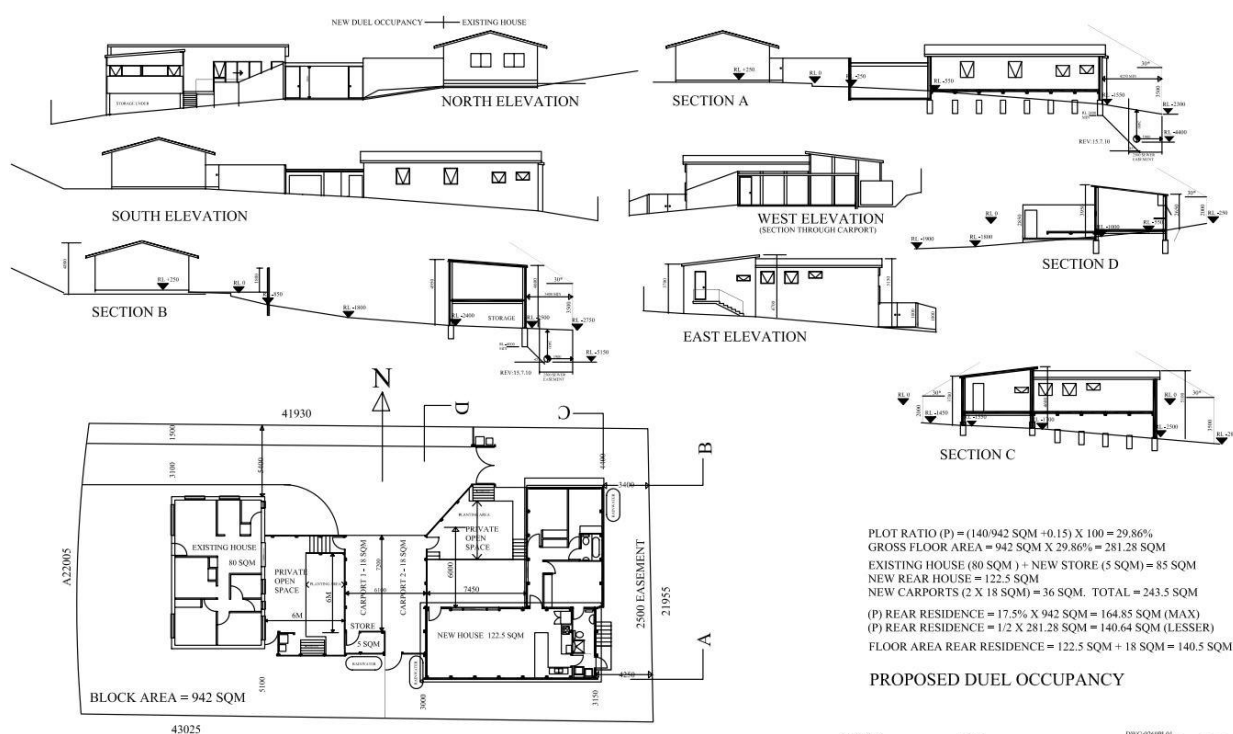
FORBES HOUSE

PS 28.11.08
DMG-SAMPLE1/A
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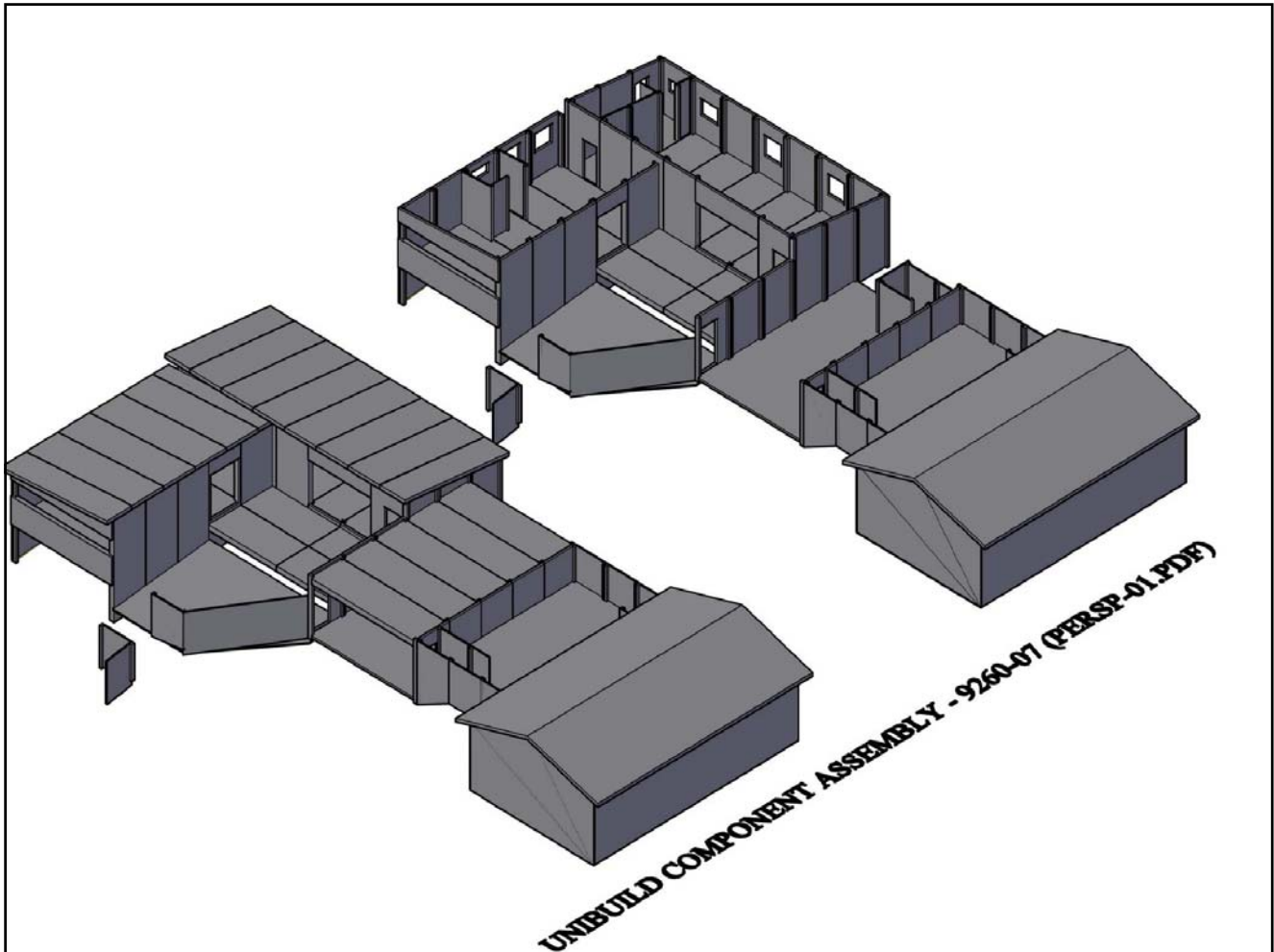




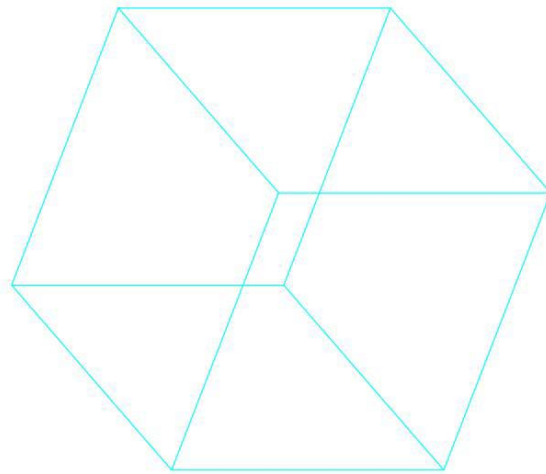


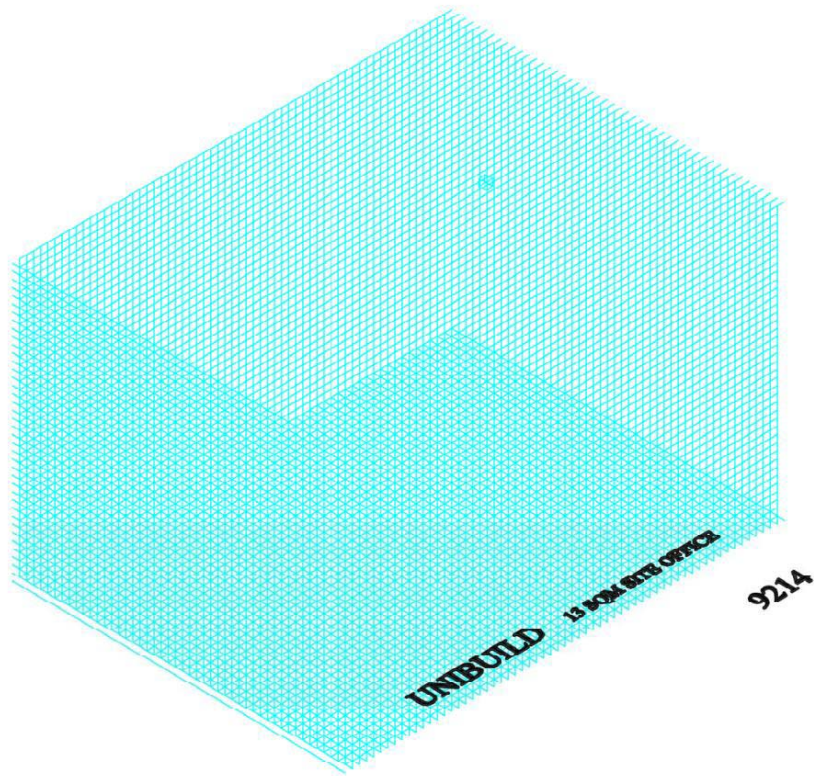
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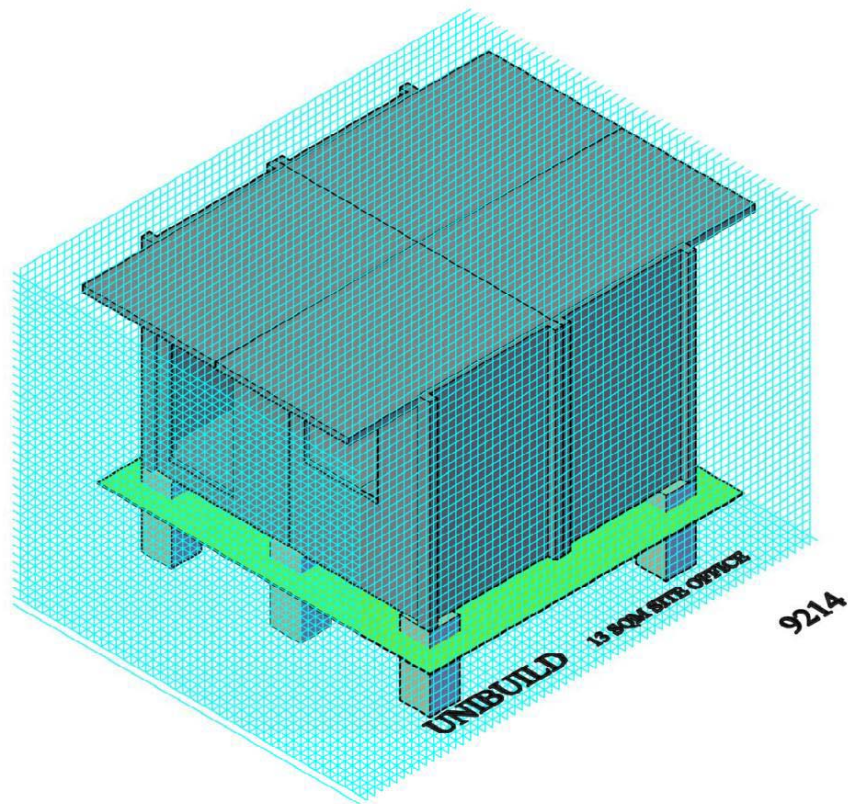
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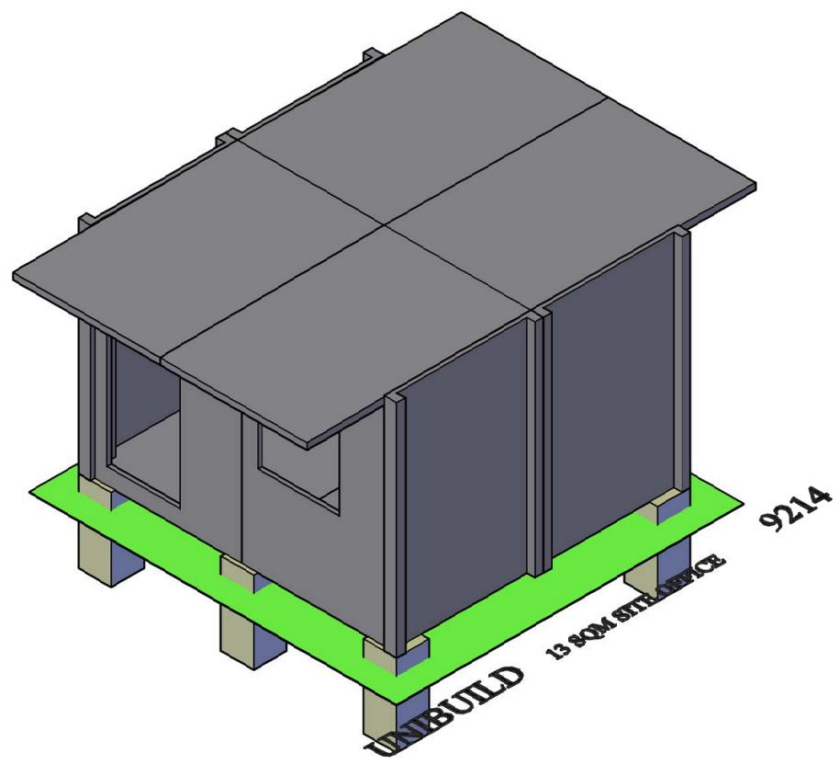


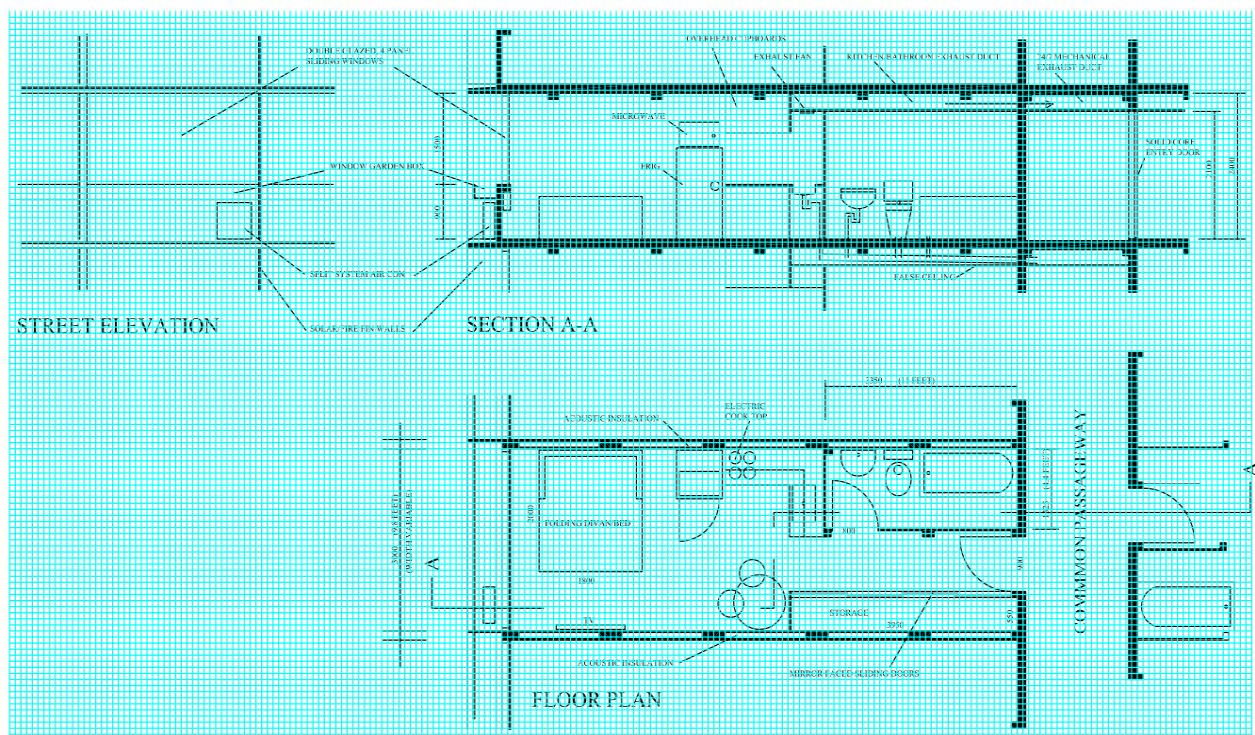
THE UNIBUILD MODULAR DESIGN PROCESS











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PROPOSED MICRO UNIT APARTMENT

9292



















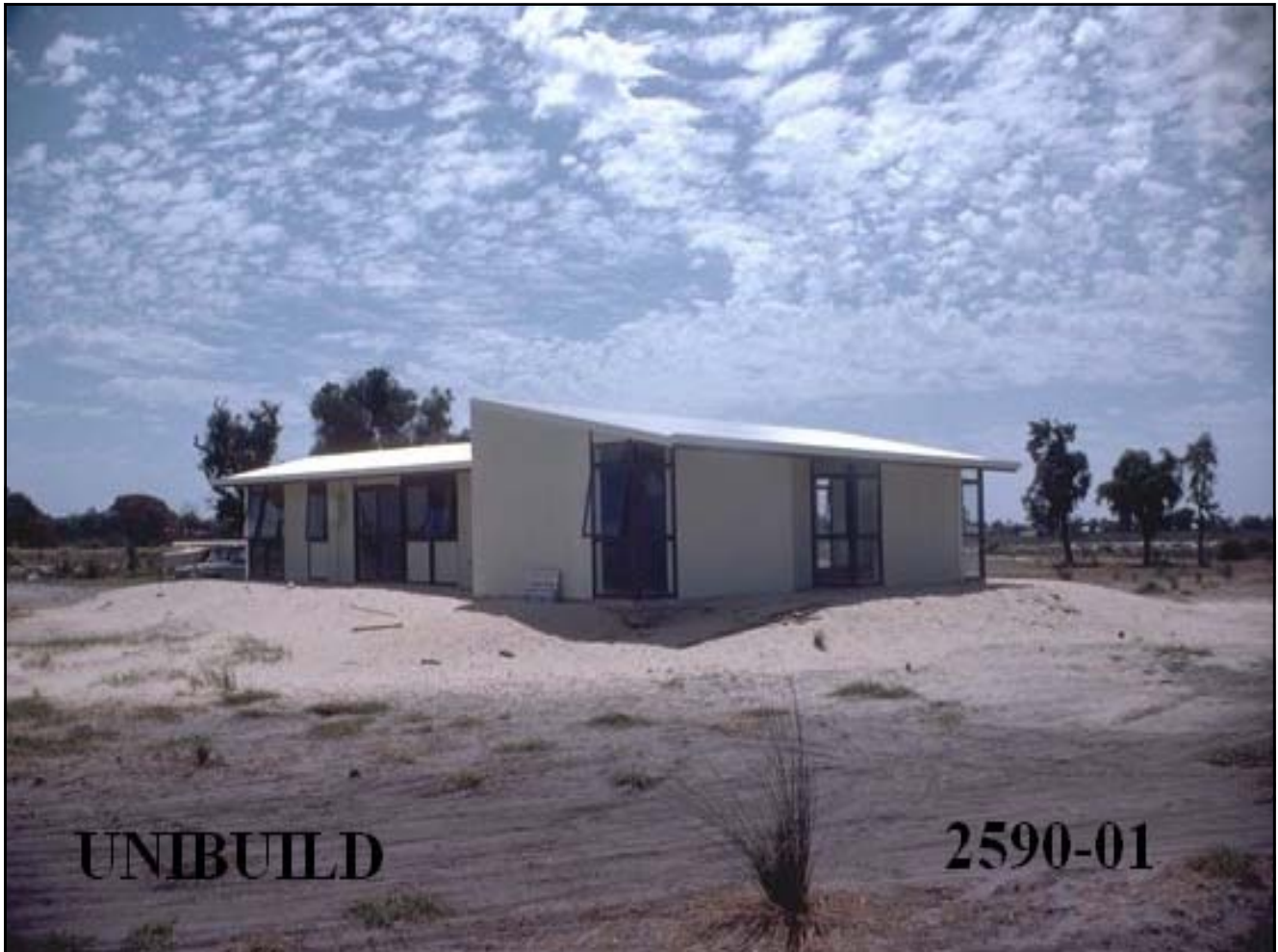


























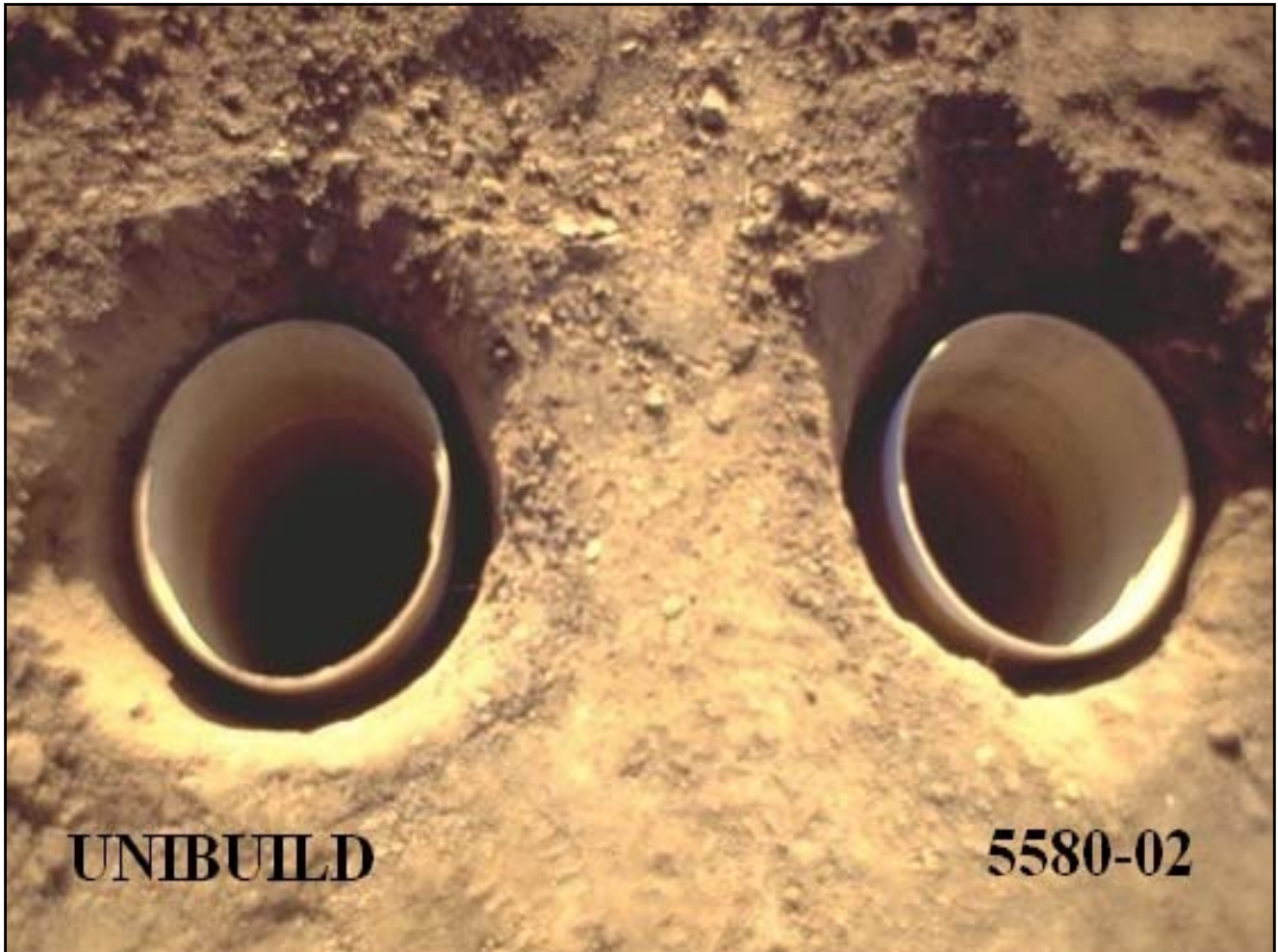










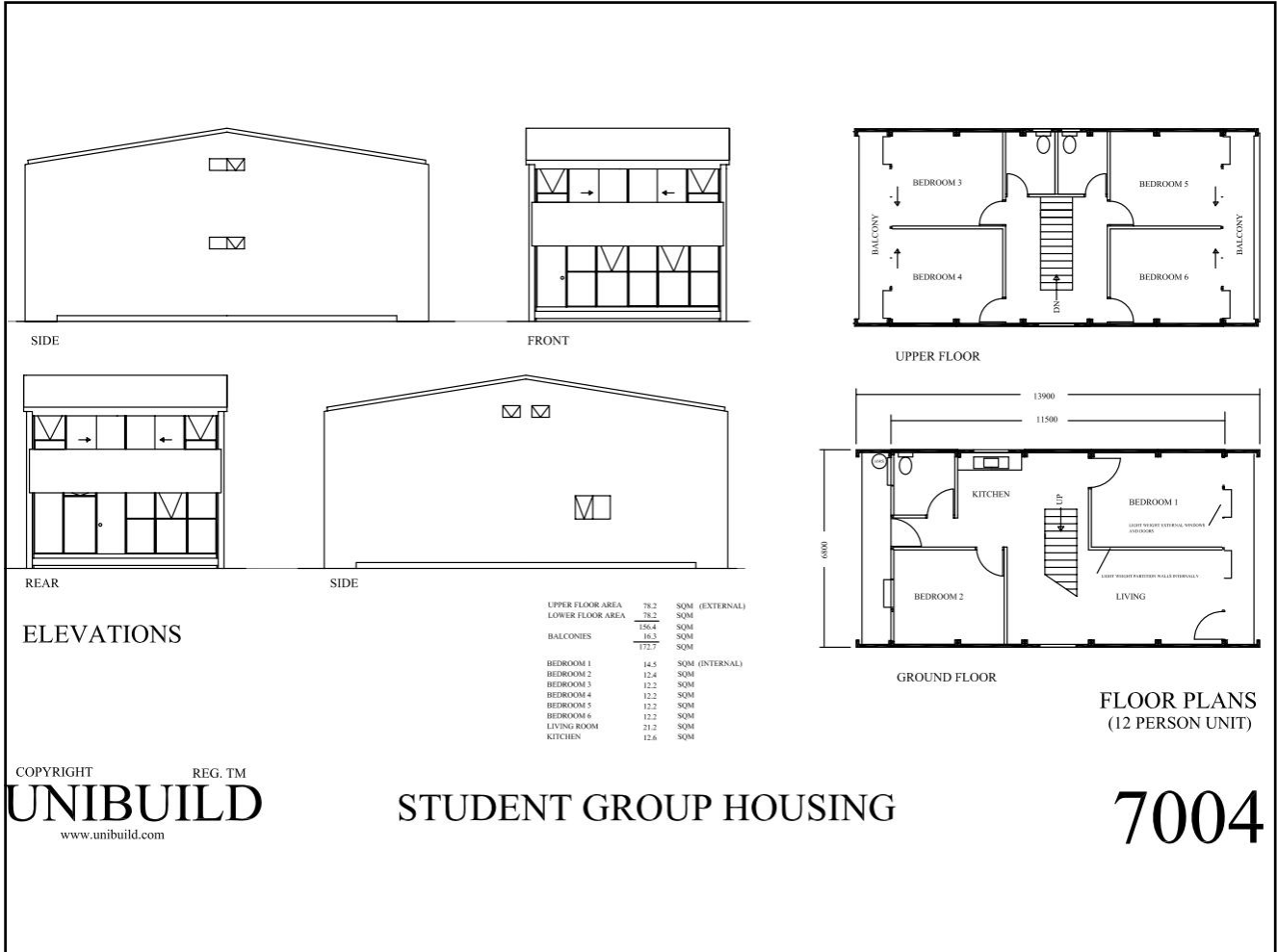


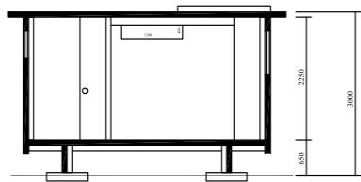




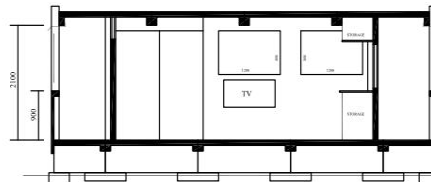




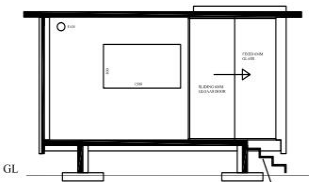




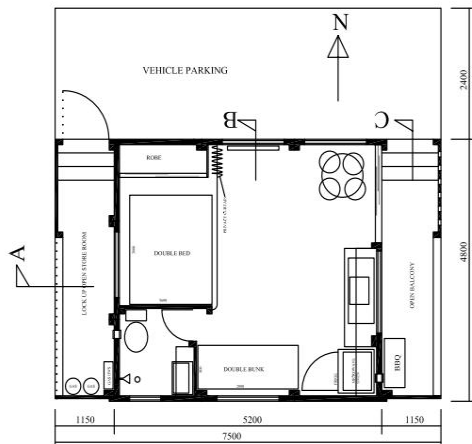
SECTION B



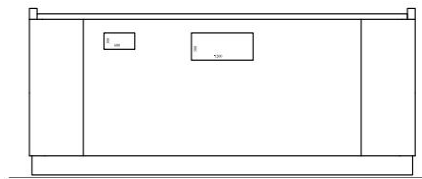
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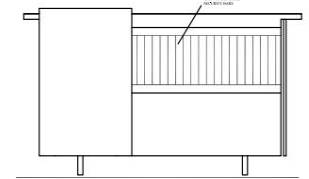
SECTION C



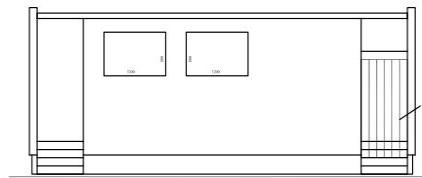
FLOOR PLAN



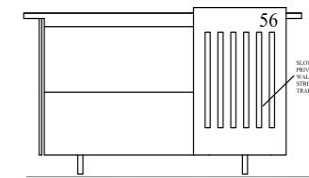
SOUTH ELEVATION



WEST ELEVATION



NORTH (CARPARK) ELEVATION

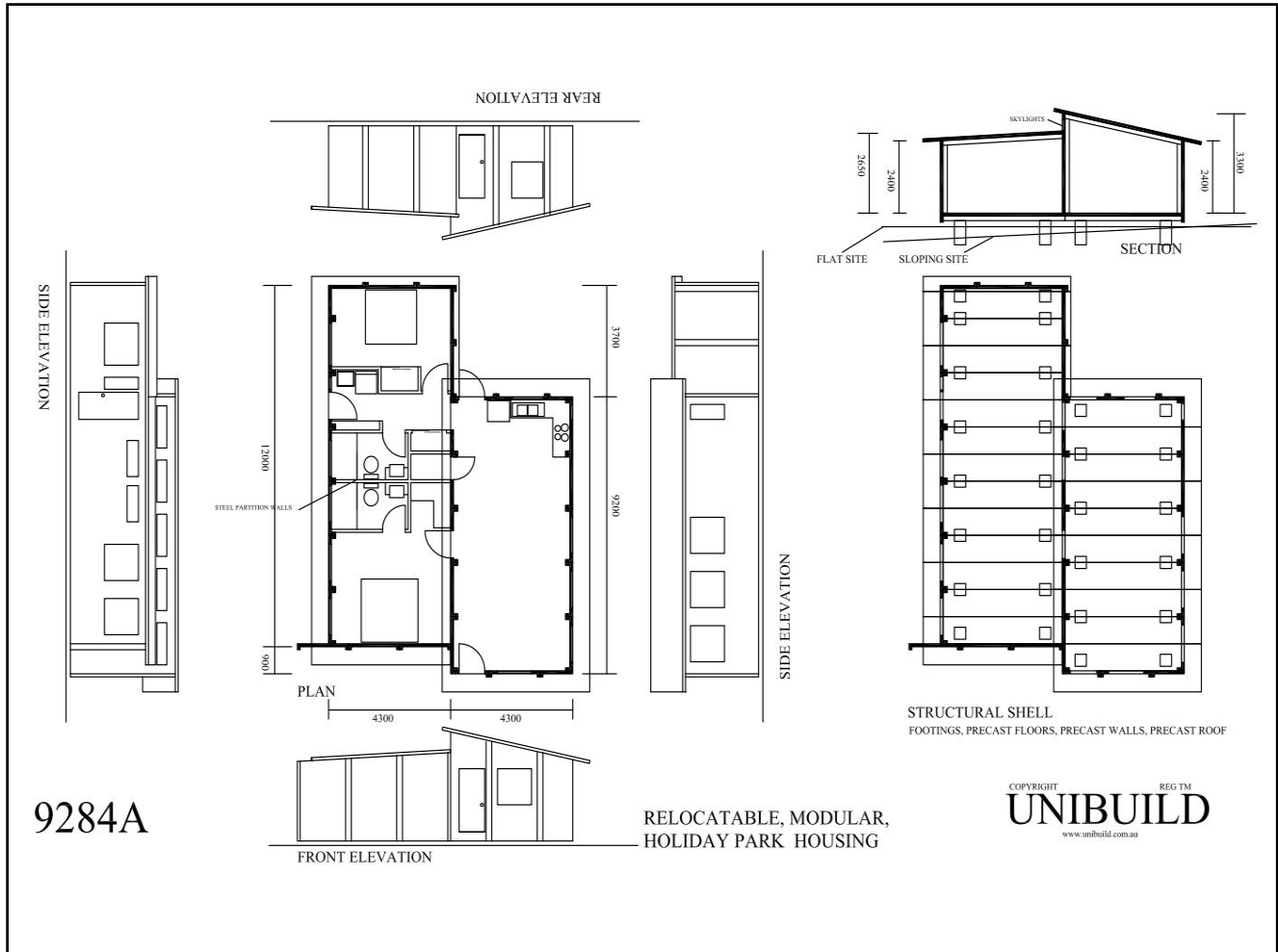


EAST (ROADSIDE) ELEVATION

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UNIBUILD "OFF SITE" MANUFACTURED MODULAR HOLIDAY CABIN

9290



MAKING UNIBUILD
HAZARD PROOF
AND OTHER
MODULAR
COMPONENTS











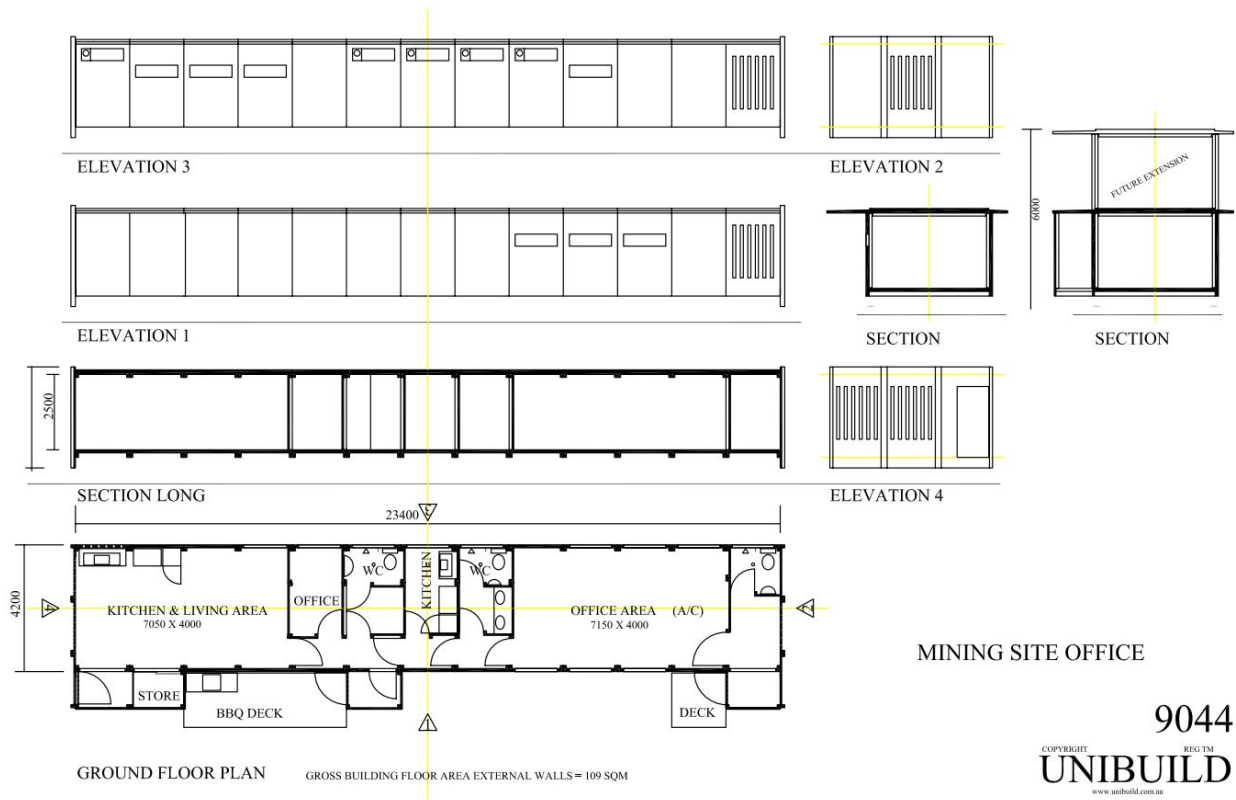








ERECTING UNIBUILD
HAZARD PROOF
AND OTHER
MODULAR
STRUCTURES























EXTERIOR FINISHES CAN BE SMOOTH CONCRETE, EXPOSED AGGREGATE,
PAINTED, STUCCO, BROOM-SWEPT OR ANY PATTERN AVAILABLE IN
ARCHITECTURAL FORM LINERS.





CONCRETE WALL PANELS ARE FABRICATED AT THE PRE-CAST
YARD AT THE SAME TIME AS SITE PREPARATIONS ARE UNDERWAY
... SAVING WEEKS, AND OFTEN MONTHS OF CONSTRUCTION TIME.



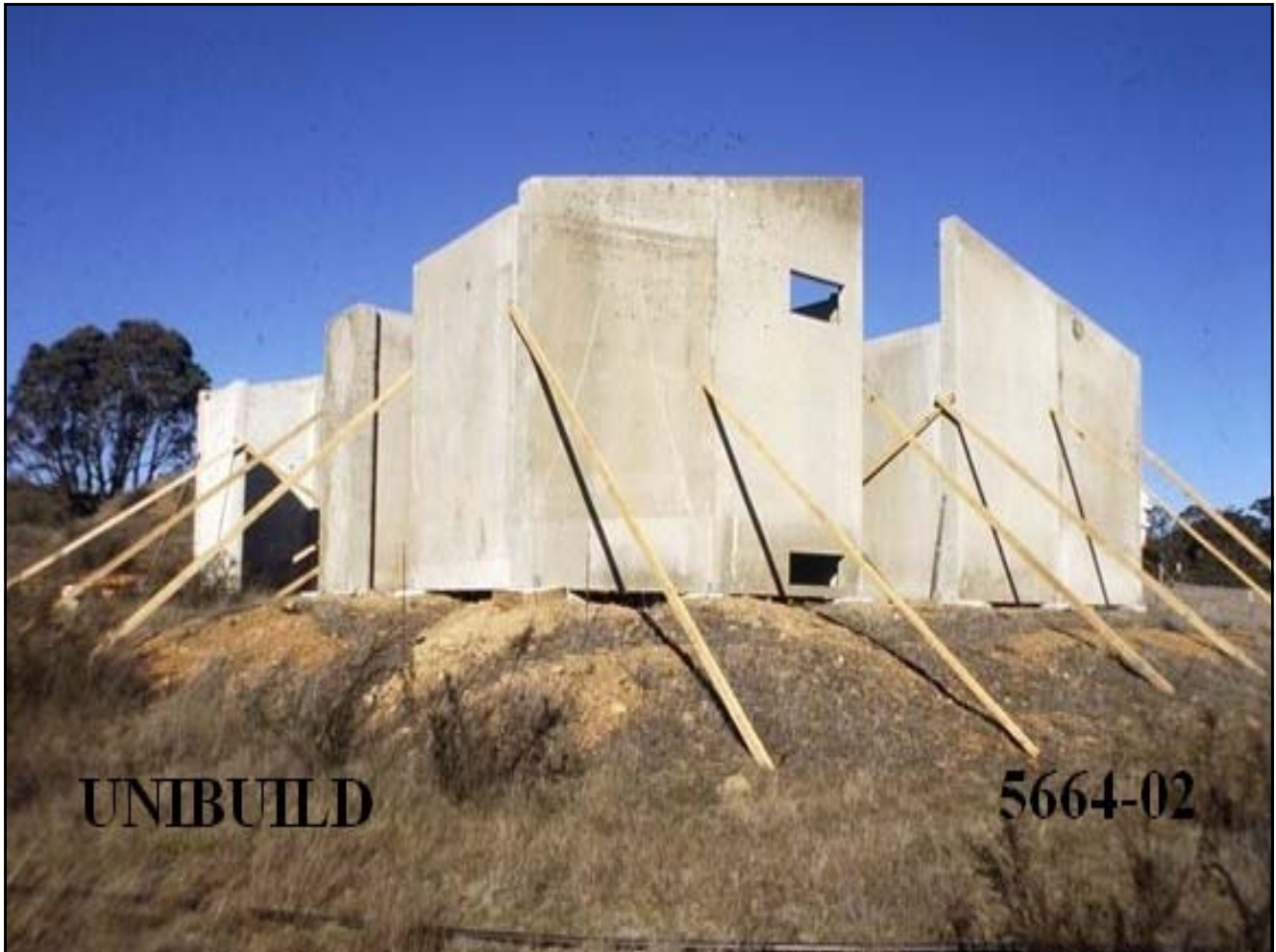


ALL
FIFTY SEVEN
PANELS IN THIS
4,000 SQ. FT. HOME
WERE ERECTED IN
20 HOURS



**FREIGHTING
OF
UNIBUILD MODULAR
HAZARD PROOF
COMPONENTS
TO REMOTE AREAS**











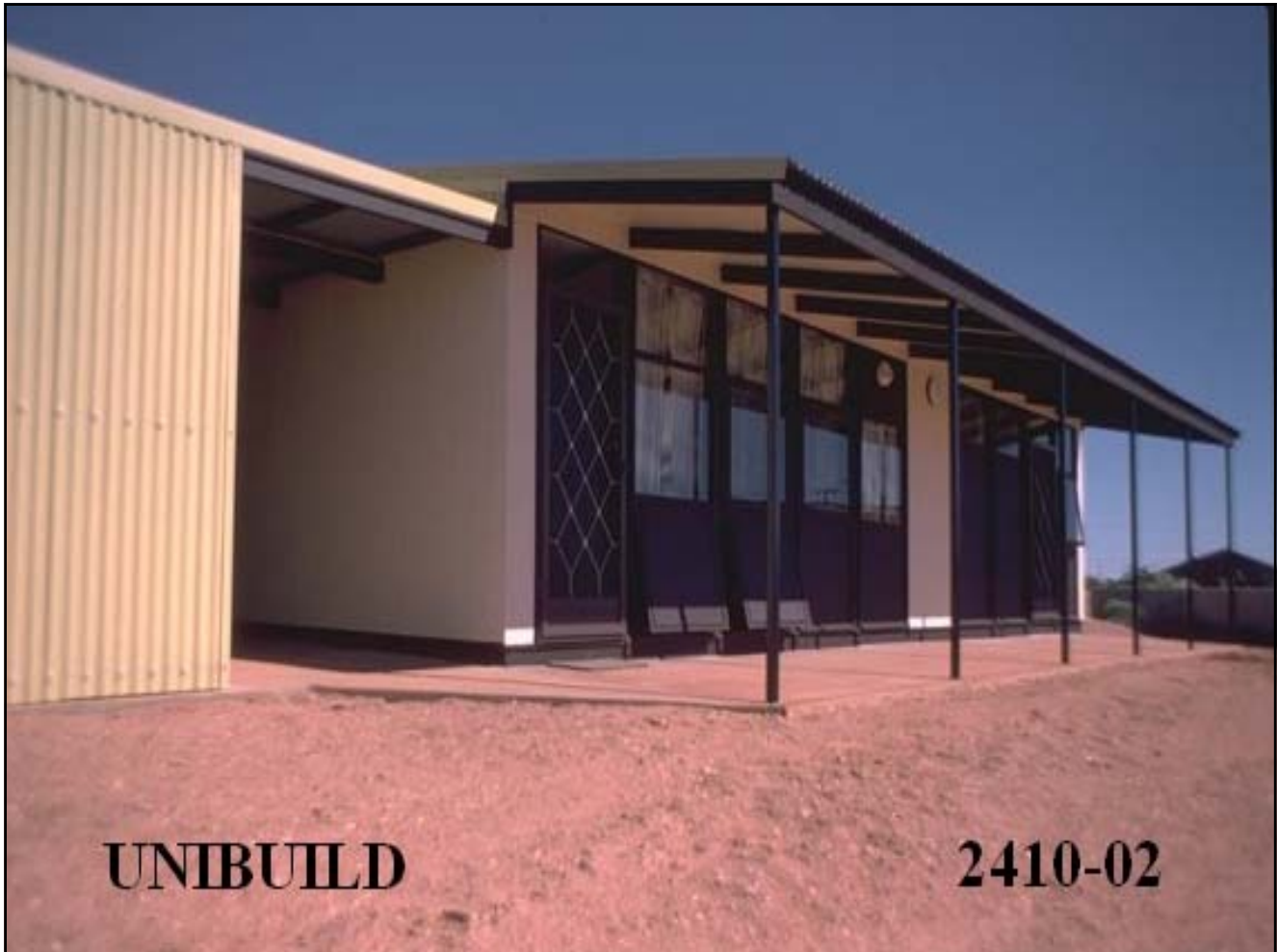












Aircraft noise, a growing suburban hazard



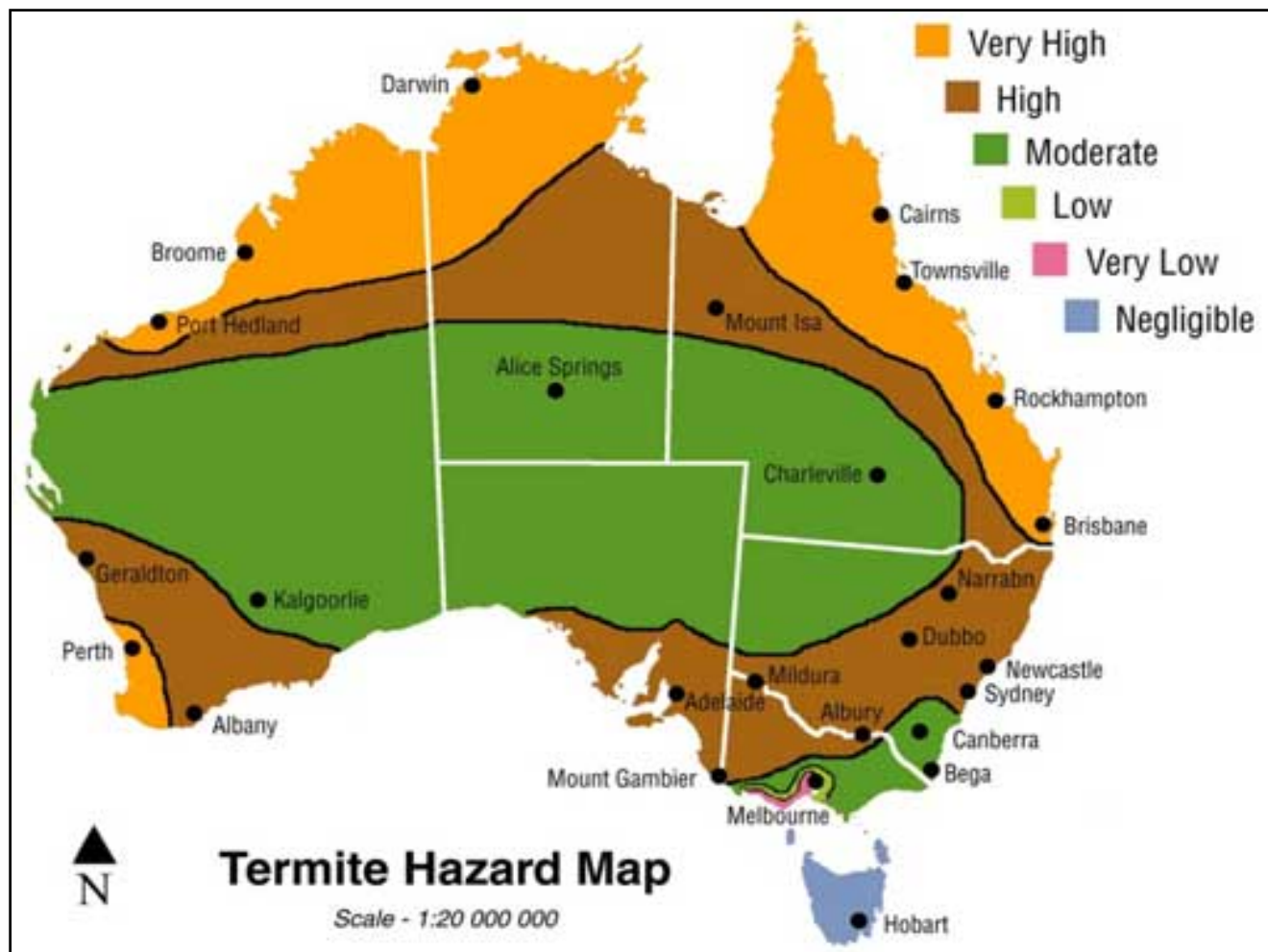
CONDENSATION.

A long term building
hazard in tropical
regions



TERMITE INFESTATION

Another long term
building hazard.







DESIGN MODULE
900 X 900 MM
(= 0.81 SQM)

ORIENTATION

ELEVATION

FLOOR PLAN

ELEVATION

(SCALE 1:200 FOR A4 PRINTOUT)

MODULAR WINDOW EXAMPLES

MODULAR DOOR EXAMPLES

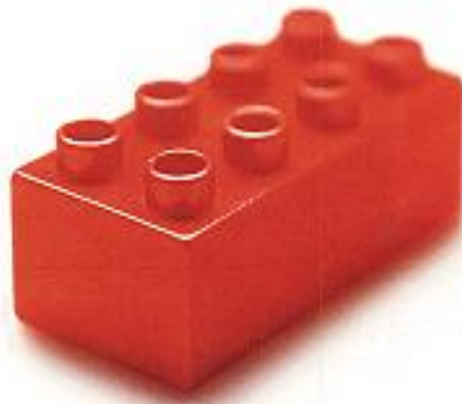
MODULAR ROOF EXAMPLES

MODULAR WALL EXAMPLES

CLIENT DESIGN

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**IT'S TIME
BUILDING TECHNOLOGY
GREW UP**