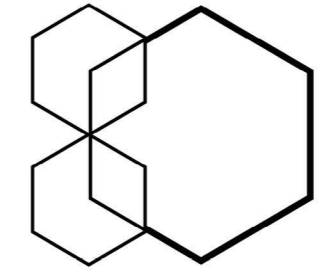




spaceodysseydesign



HEX HOUSE

JAMES HARDIE
DREAM DESIGNER COMPETITION
2016

CONTENTS

1. Street Frontage Render
2. Site Plan + Concept Diagram
3. Ground Floor Plan
4. First Floor Plan
5. Elevations
6. Section
7. Courtyard Render

AREAS

Ground Floor + Garage = 146.94

First Floor = 102.41

Total = 249.35

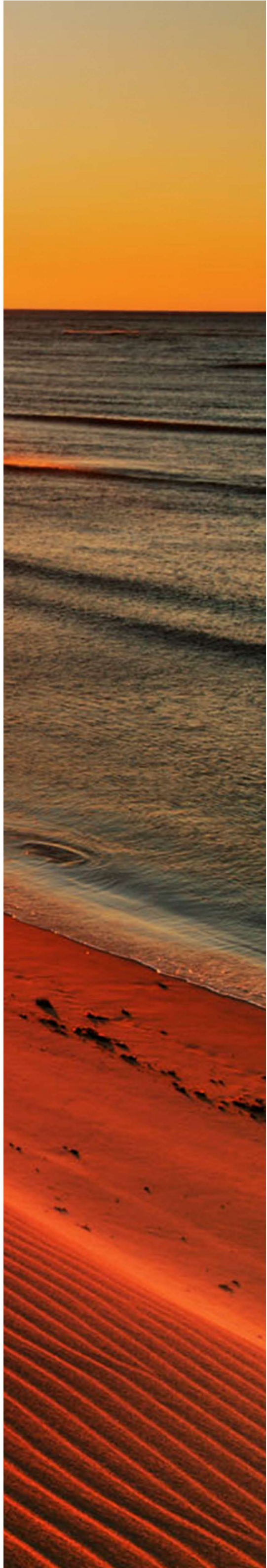
Land Area = 393.75

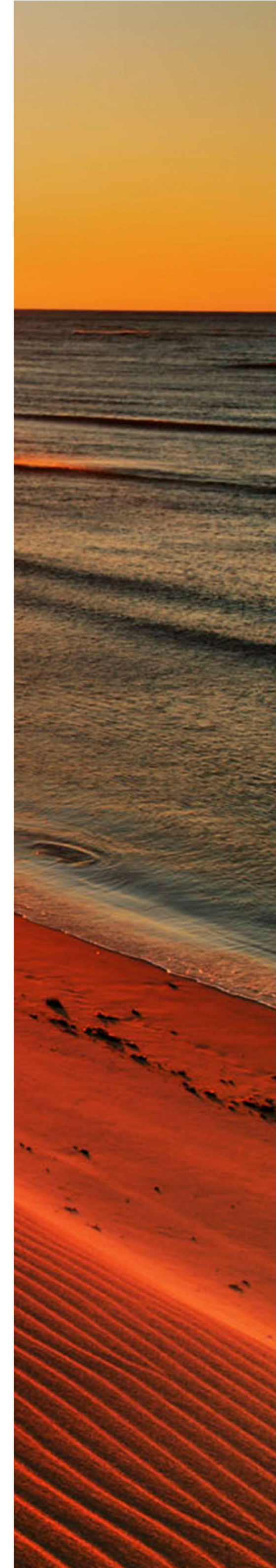
Total Useable Outdoor Living Space (GF) = 120.84 or 31%

Total Useable Outdoor Living Space (FF) = 42.84 or 11%

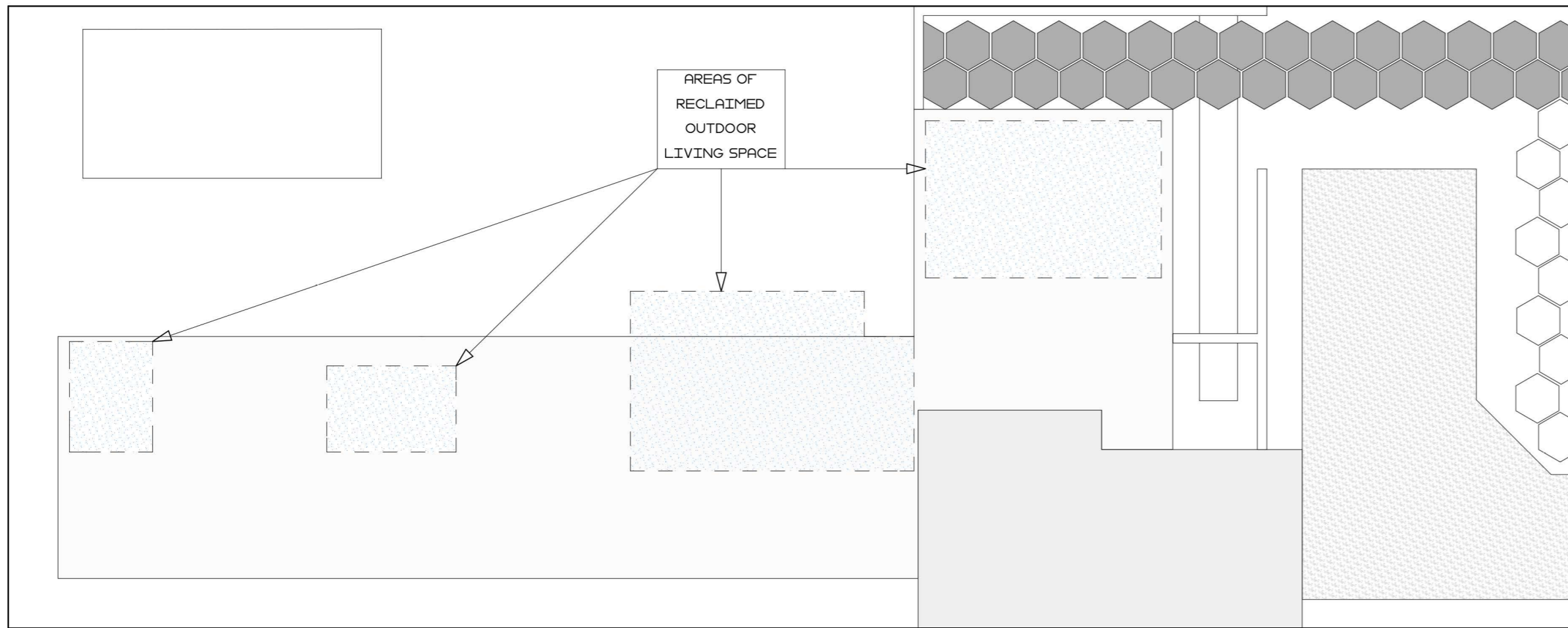
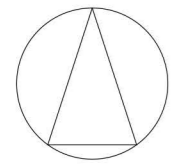
Total Useable Outdoor Living Space (Entire Site) = 163.68 or 42%

Project Team: Jordan Walker + Sam Geale

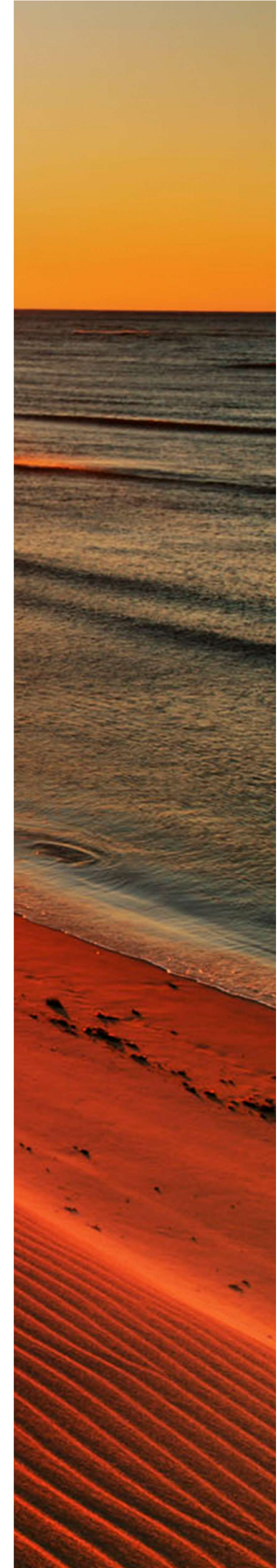
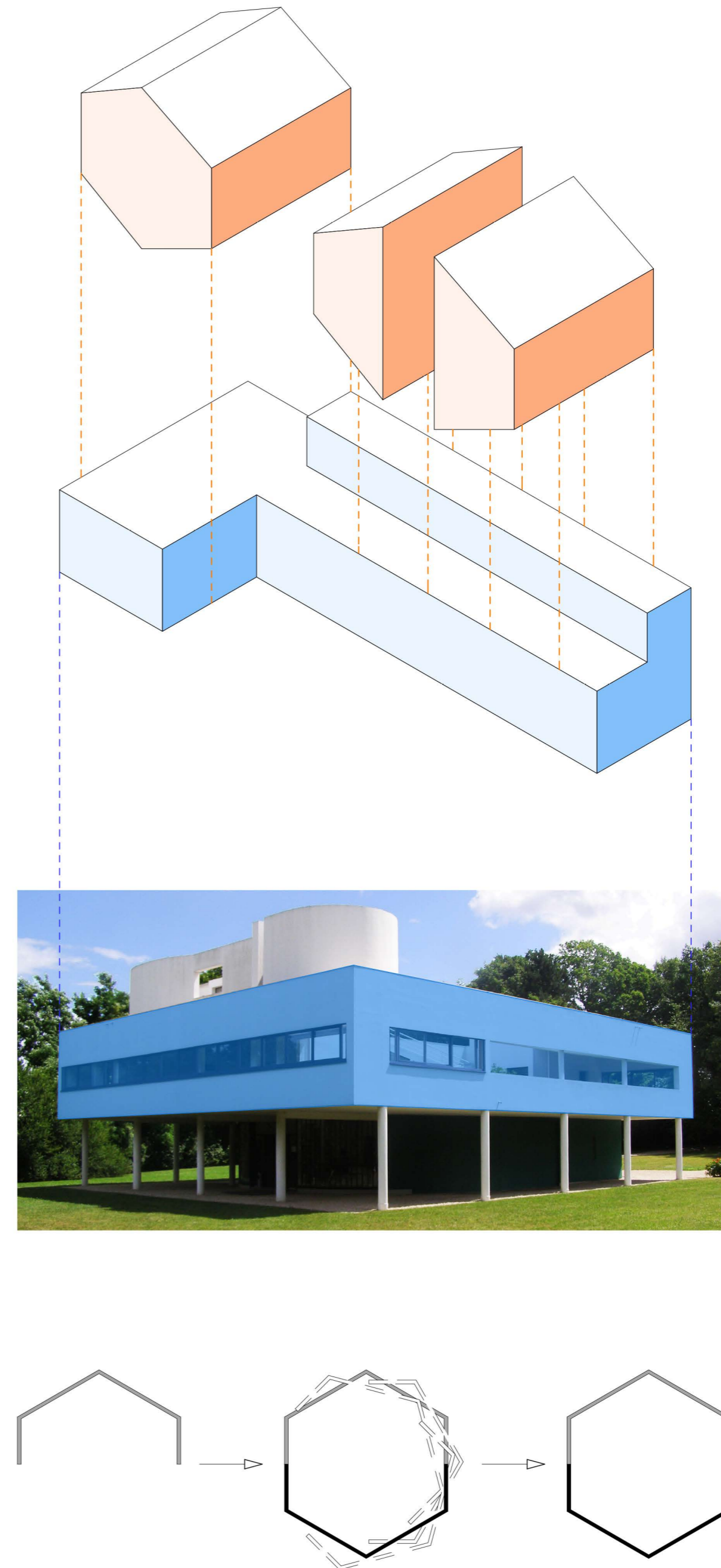




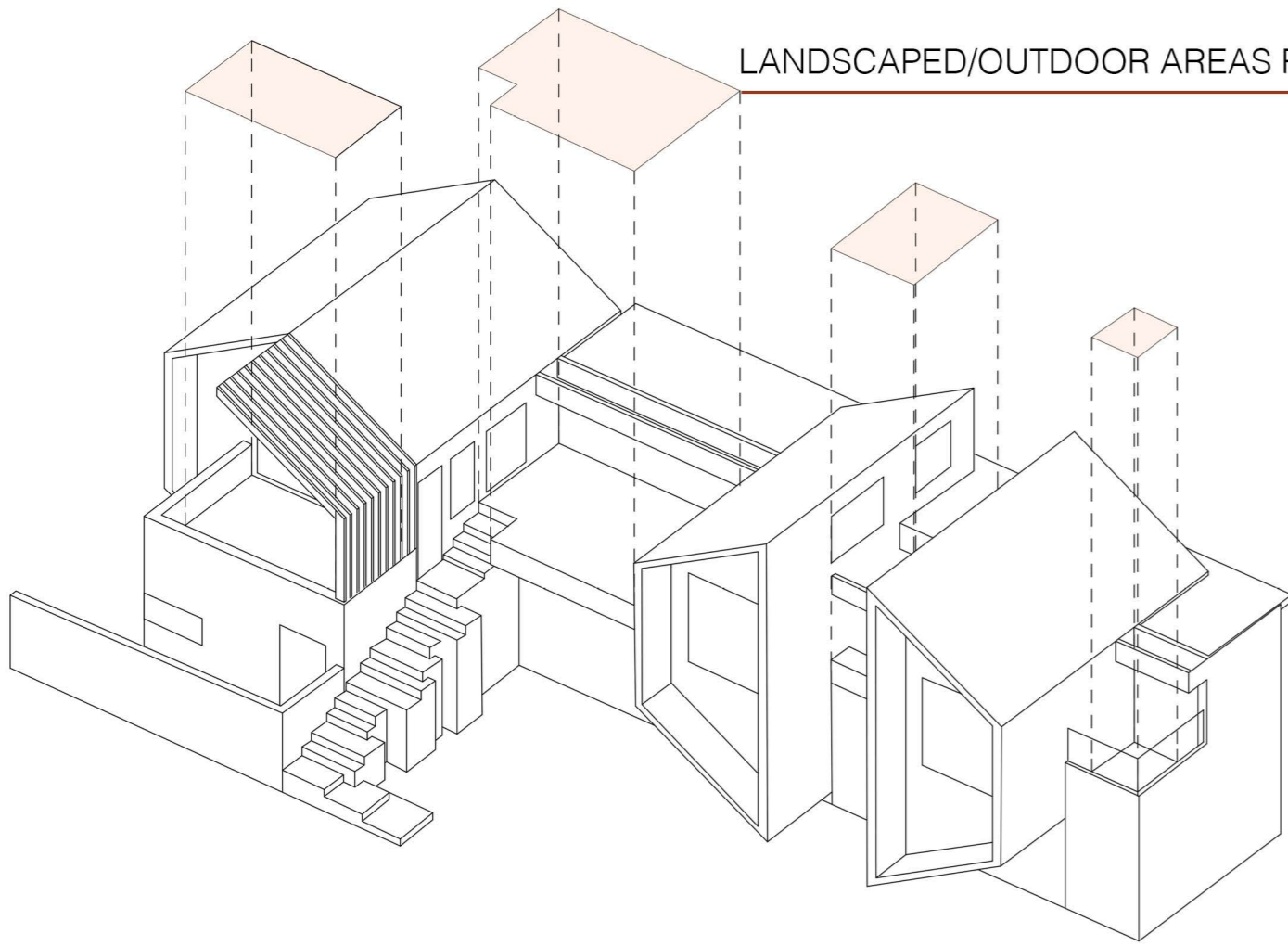
The current trend in suburban Western Australia is to create homes that isolate the occupants whilst replicating modernist forms. These simple, linear shapes can be traced back to the masters such as Corbusier and his Villa Savoy. Hex House intends to use the rectilinear form of Villa Savoy as a basis for changing the current trend. The hexagon will be juxtaposed against the linear shape that we currently find ourselves trending towards. The hexagon represents communication, balance and union something that is lacking in contemporary suburbia. The shape is also a complete inversion of a gable which will allow people to relate to the form whilst being taken by its innovative use in residential architecture.



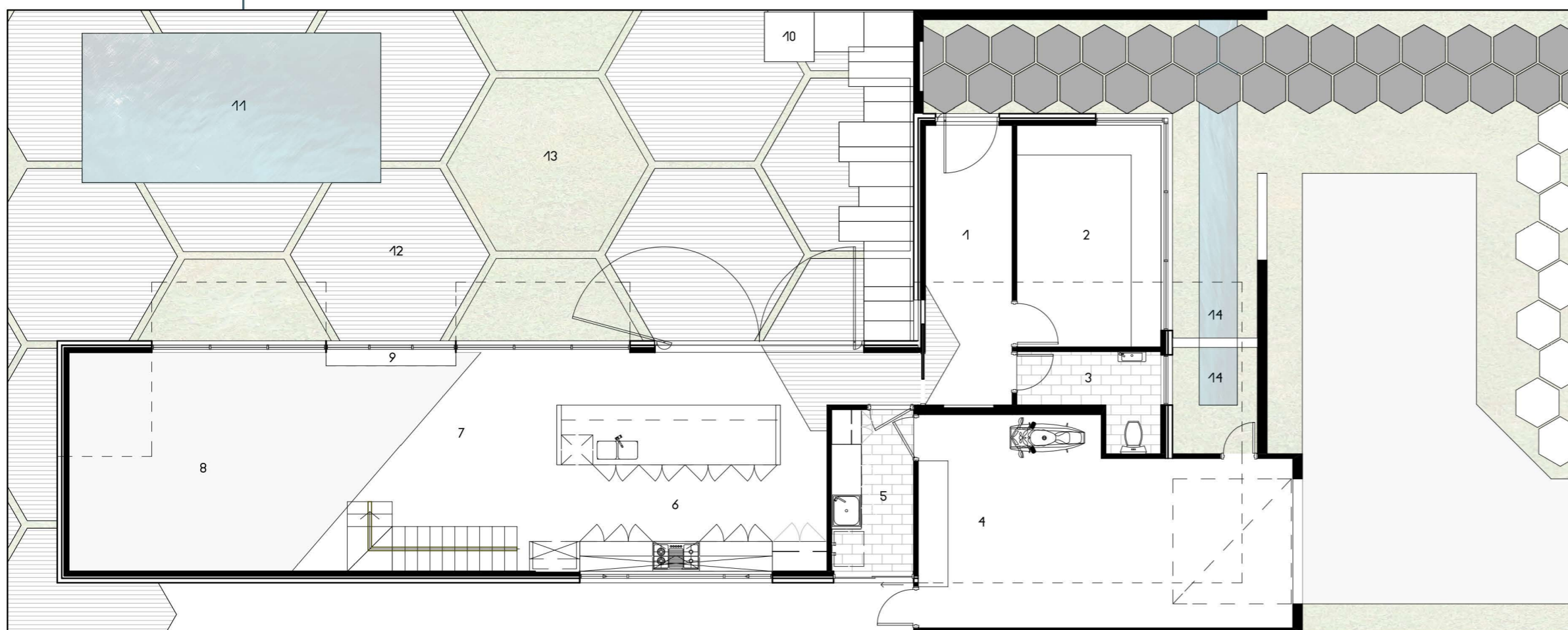
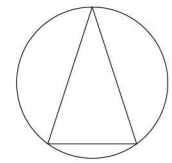
SITE PLAN



LANDSCAPED/OUTDOOR AREAS RECLAIMED FROM THE BUILDING FOOTPRINT



Australian's more so than many other's have an affinity with the outdoors. We enjoy the land, the water and the sky and our lives are enriched by the moments offered by the convergence of these elements. In keeping with Corbusier's fifth point, Hex house reclaims the land taken by the building footprint and places it in the sky creating a new moment between land and sky that would have been lost with a traditional roof structure. The house opens onto these new spaces (both visually and physically) providing increased outdoor and private space for the occupants that is becoming ever rarer in Australia's suburban landscape. The house intends to capture glimpses of the three elements of land, water and sky from every liveable space.

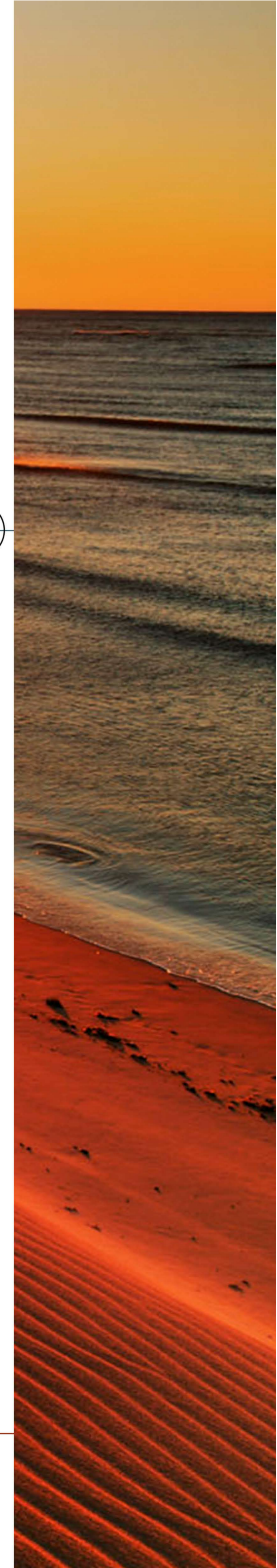


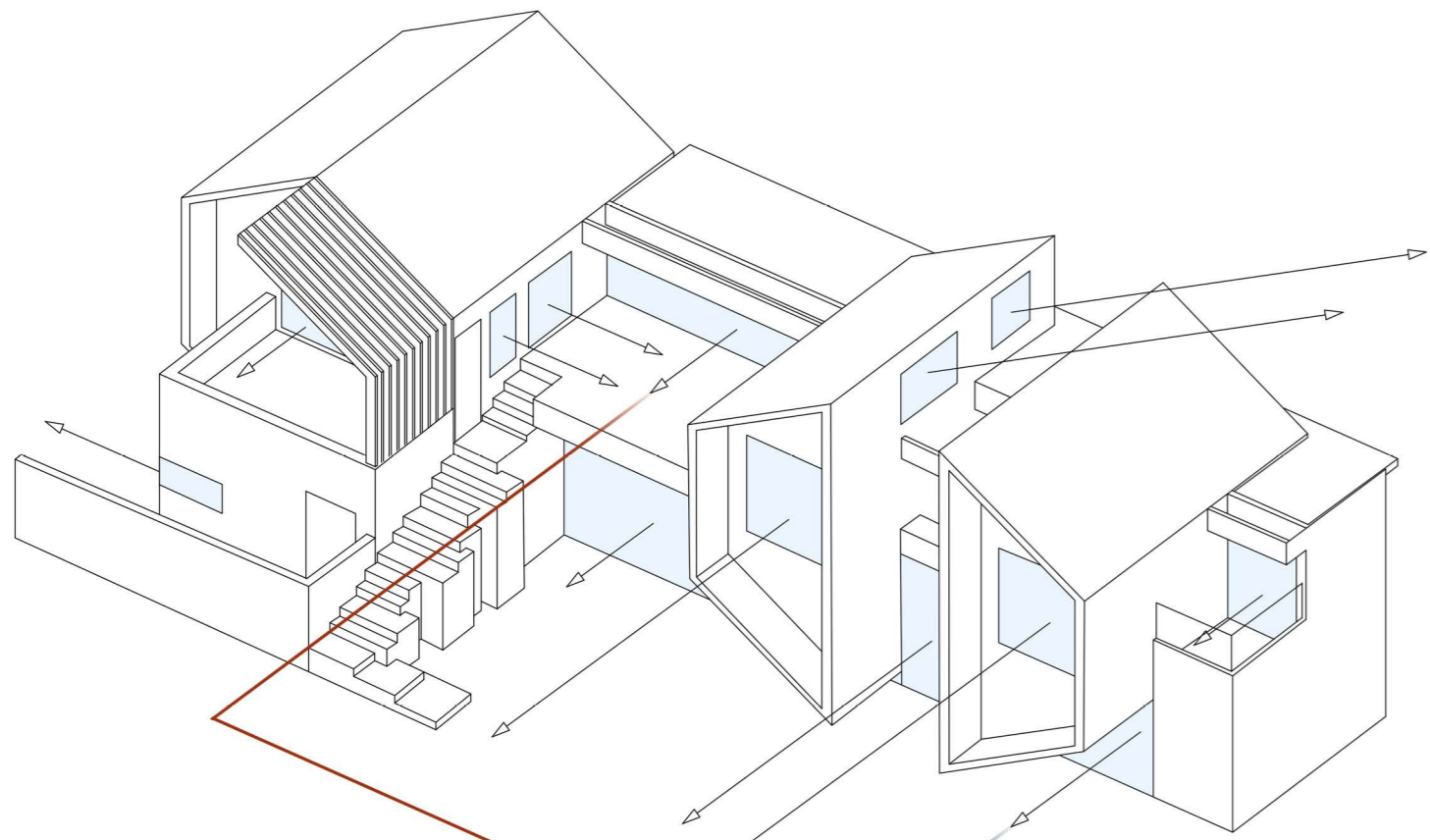
GROUND 1:100

There is nowhere else I'd rather be,
 nothing else I would prefer to be doing.
 I am at the beach looking west
 with the continent behind me
 as the sun tracks down to the sea.
 I have my bearings.

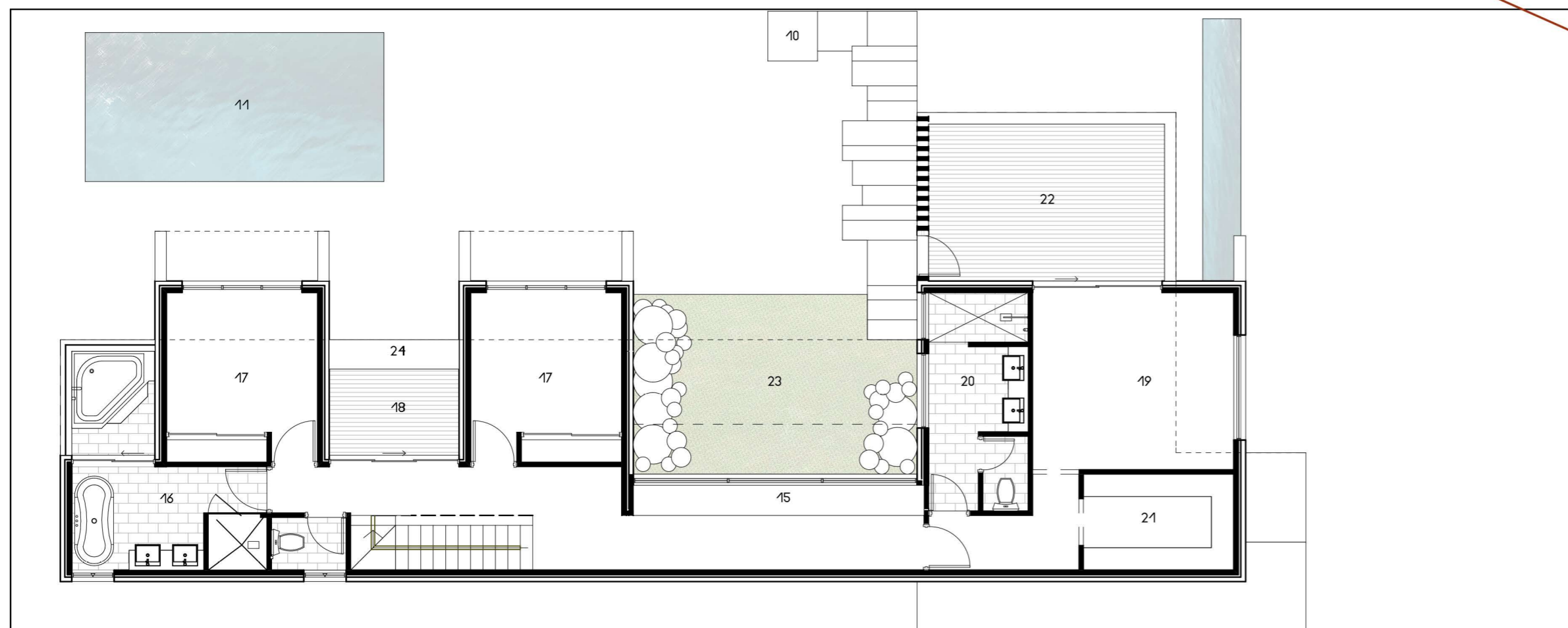
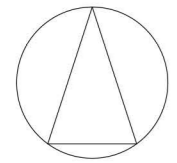
Tim Winton

1. ENTRANCE 2. STUDY/HOME OFFICE 3. POWDER ROOM 4. WORKSHOP/GARAGE 5. LAUNDRY 6. KITCHEN 7. DINING 8. LIVING 9. STACK VENT 10. GRASSED STAIRCASE 11. POOL 12. HARDIE DECK DECKING 13. GRASS 14. REFLECTION POOL 15. WINDOW SEAT 16. BATHROOM/OUTDOOR SPA 17. CHILDREN'S BEDROOMS 18. CHILDREN'S TERRACE 19. MASTER SUITE 20. MASTER BATH 21. WIR 22. MASTER TERRACE 23. ROOF GARDEN 24. STACK VENT



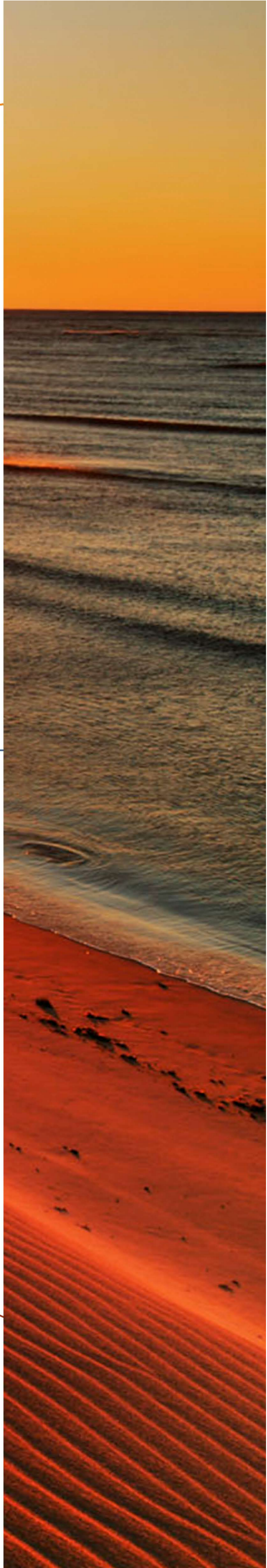


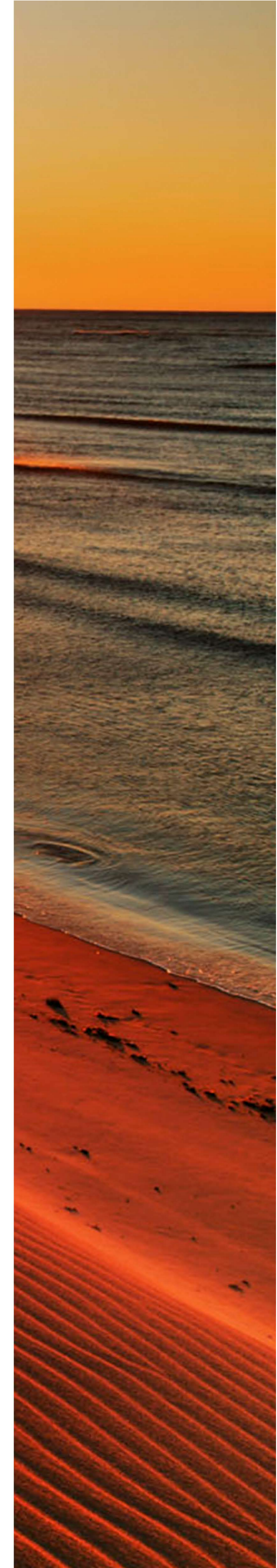
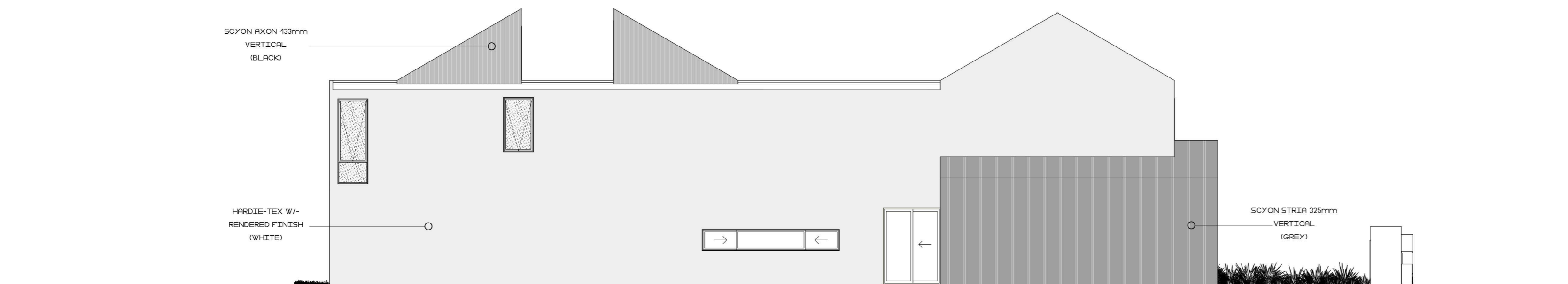
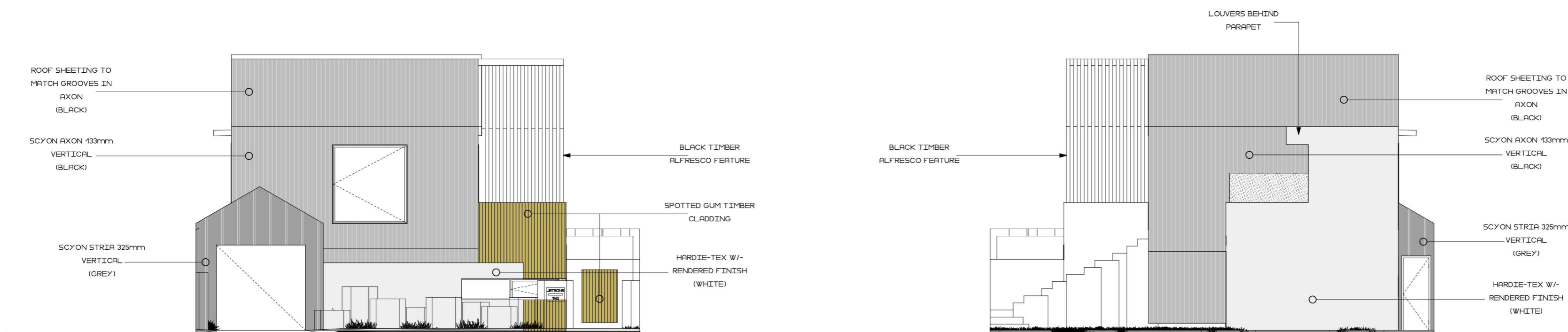
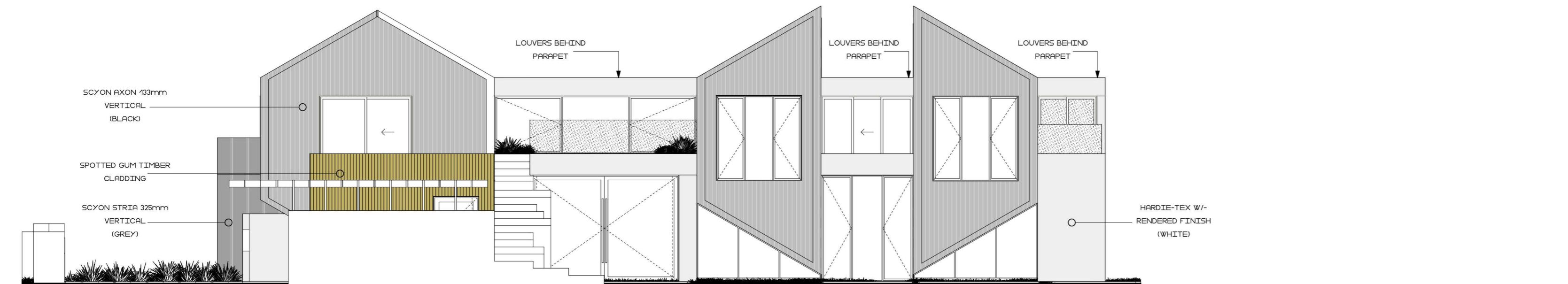
VISUAL + PHYSICAL CONNECTION TO THE THREE ELEMENTS



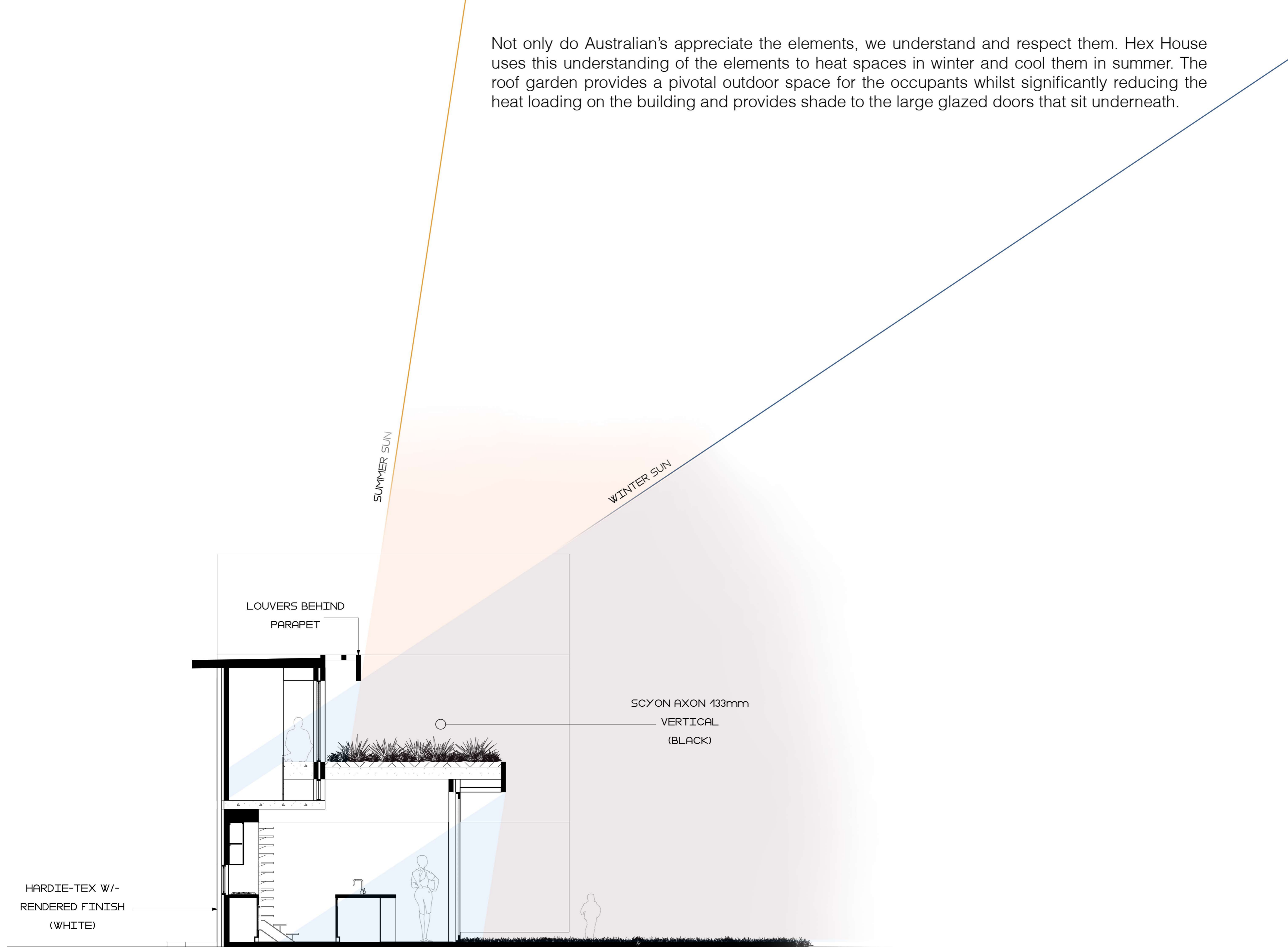
FIRST 1:100

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Not only do Australian's appreciate the elements, we understand and respect them. Hex House uses this understanding of the elements to heat spaces in winter and cool them in summer. The roof garden provides a pivotal outdoor space for the occupants whilst significantly reducing the heat loading on the building and provides shade to the large glazed doors that sit underneath.



SECTION

