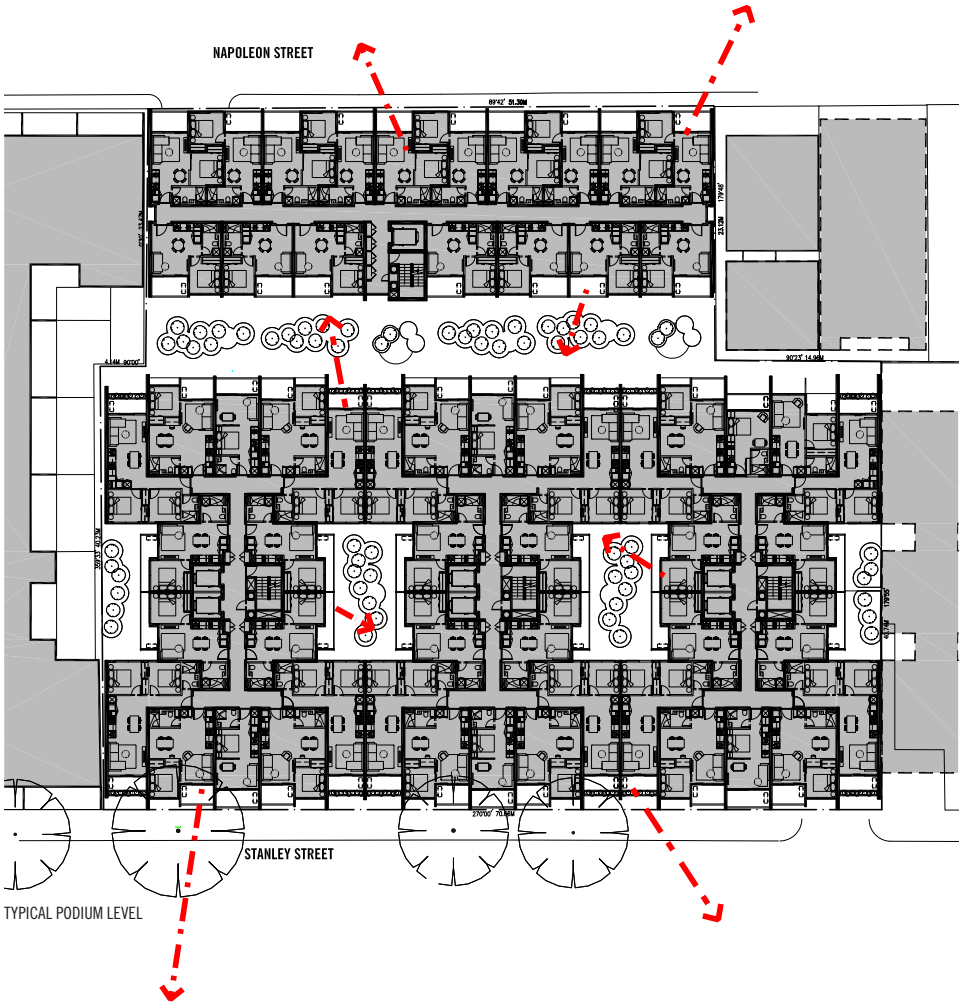
03.30 CONCEPT_URBAN DENSITY

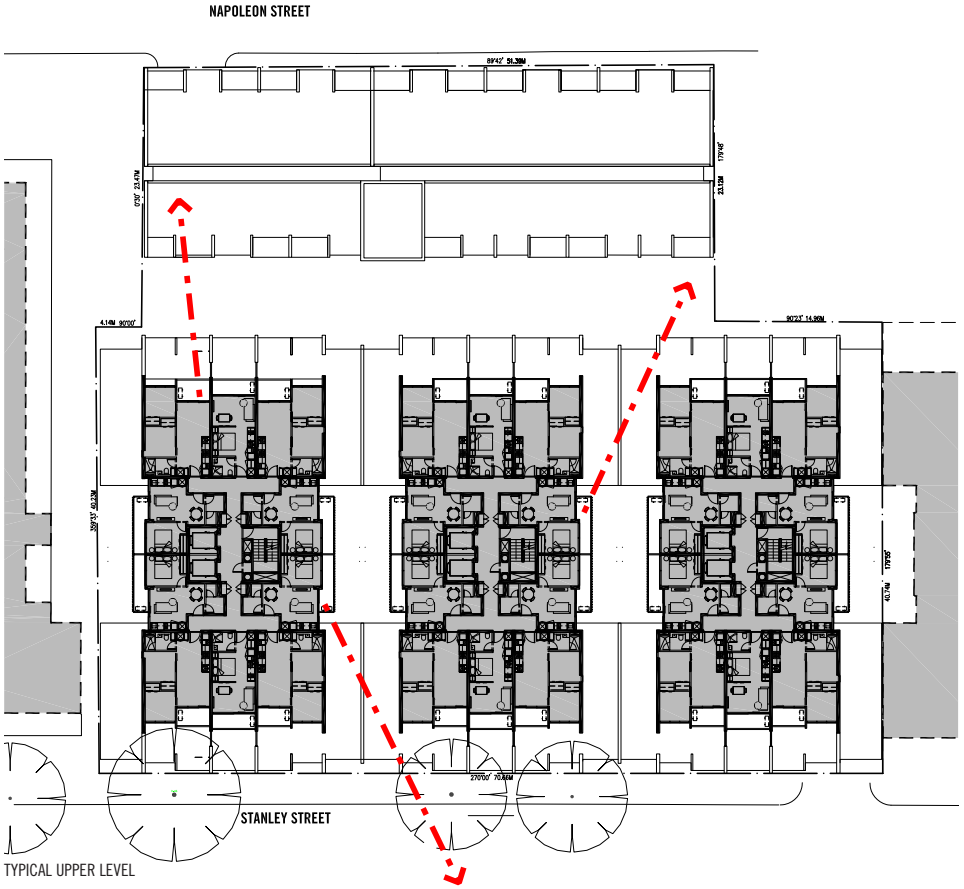
The concept of the garden villa is applied to this high density model. The mass of the site is broken up into 4 'garden houses' where the rooms of the house become apartments. This breaks down the volume and mass of the development into a scale suitable for Stanley Street and Collingwood. A rythym and pattern is created as the houses cascade down Stanely Street excentuated through the eccentricity of the architectural detailing. Each 'house' + 'room' will have an individual identity.

MELBOURNE LANEWAY


STANLEY STREET PODIUM



TYPICAL PODIUM LEVEL



TYPICAL UPPER LEVEL

03.40 CONCEPT_URBAN GARDEN

The project references the original natural state of Collingwood by re-instating indigenous planting and demonstrates how the romantic concept of the garden villa can be translated into a high density modern context. Gardens inhabitat and populate the building both through the horizontal plaza areas and through the vertical spaces and niches of in the architecture. Wild roses feature in the inner gardens.

ROBERT HODDLE_ 'NEAR COLLINGWOOD'

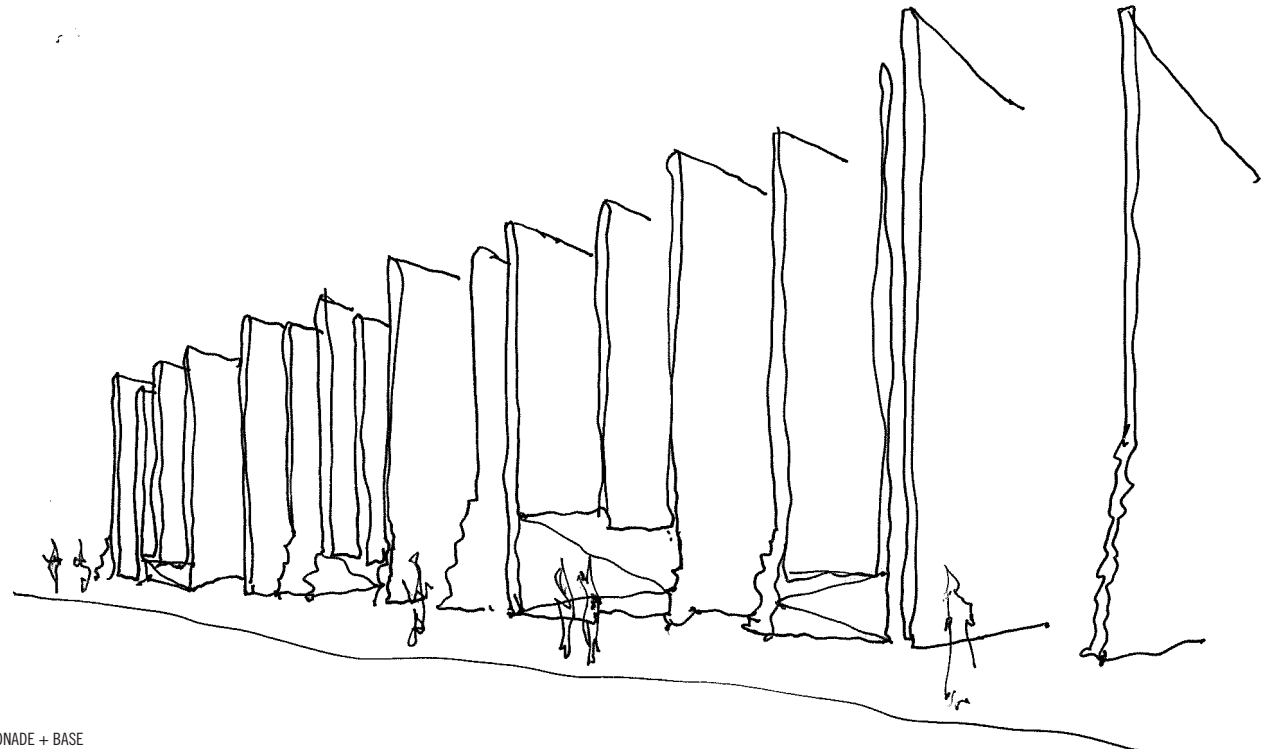
HORIZONTAL_URBAN GARDENS

VERTICAL_HANGING GARDENS

03.50 CONCEPT_URBAN EDGE

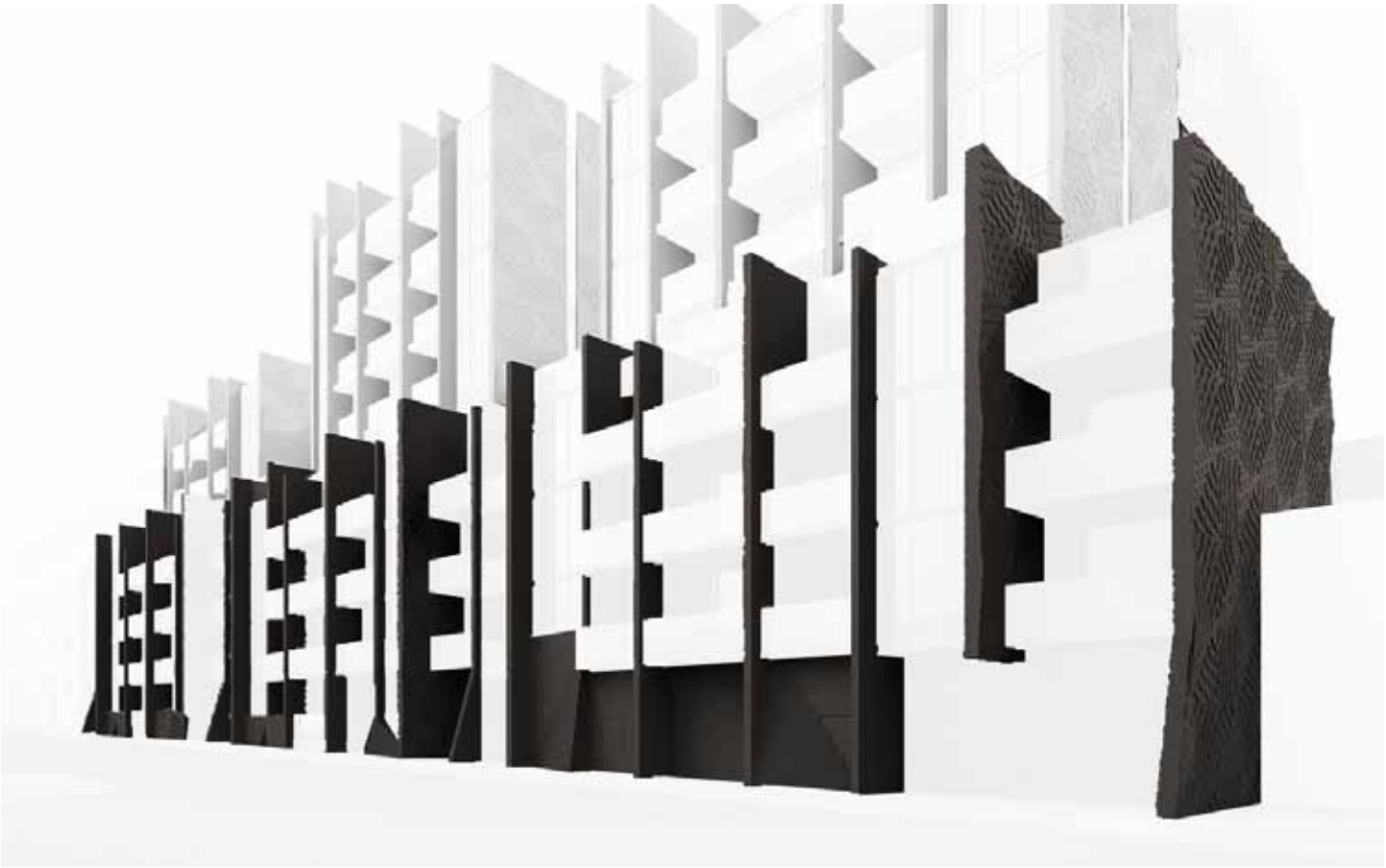
This scheme provides a strong scale and ryhthym to Stanley Street through the extrusion of the vertical wall elements forming a contemporary colonaded street edge layered with texture and pattern working on the multiple scales of Collingwood, Stanley St, and the Pedestrian.

COLONADE AND ARTICULATED BASE



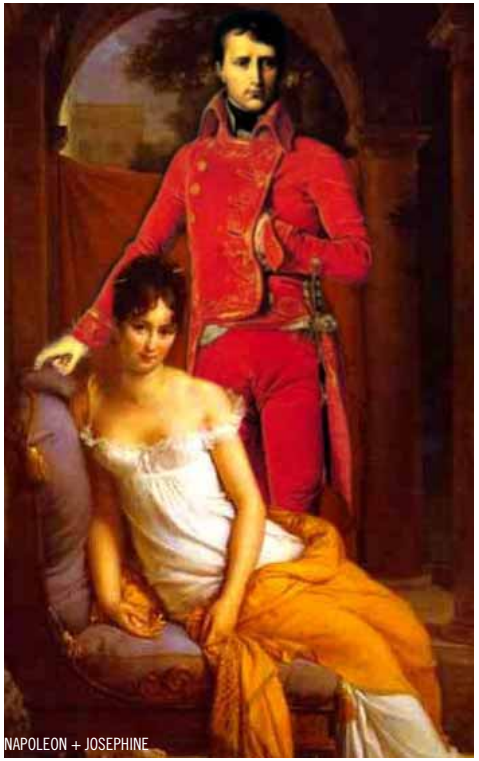
STANLEY STREET_COLONADE + BASE


ELM APARTMENTS
SOUTH MELBOURNE
PRECAST CONCRETE
LEAF PATTERNED
OFF-WHITE (COLOUR
IMPREGNATED)
PODIUM LEVELS
CON 2T
PRECAST CONCRETE
BRICK PATTENENED
CHARCOAL (COLOUR
IMPREGNATED)
UPPER LEVELS
CON 1T
PRECAST CONCRETE
BRICK PATTERNED
OFF-WHITE (COLOUR
IMPREGNATED)



03.60 CONCEPT_URBAN IDENTITY

The architecture is distinctively characterised providing an individual identitity to each apartment within the overall form of the buildings. The interior themes will create further individuality extruded from the idea of Napoleon Bonaparte and wives.

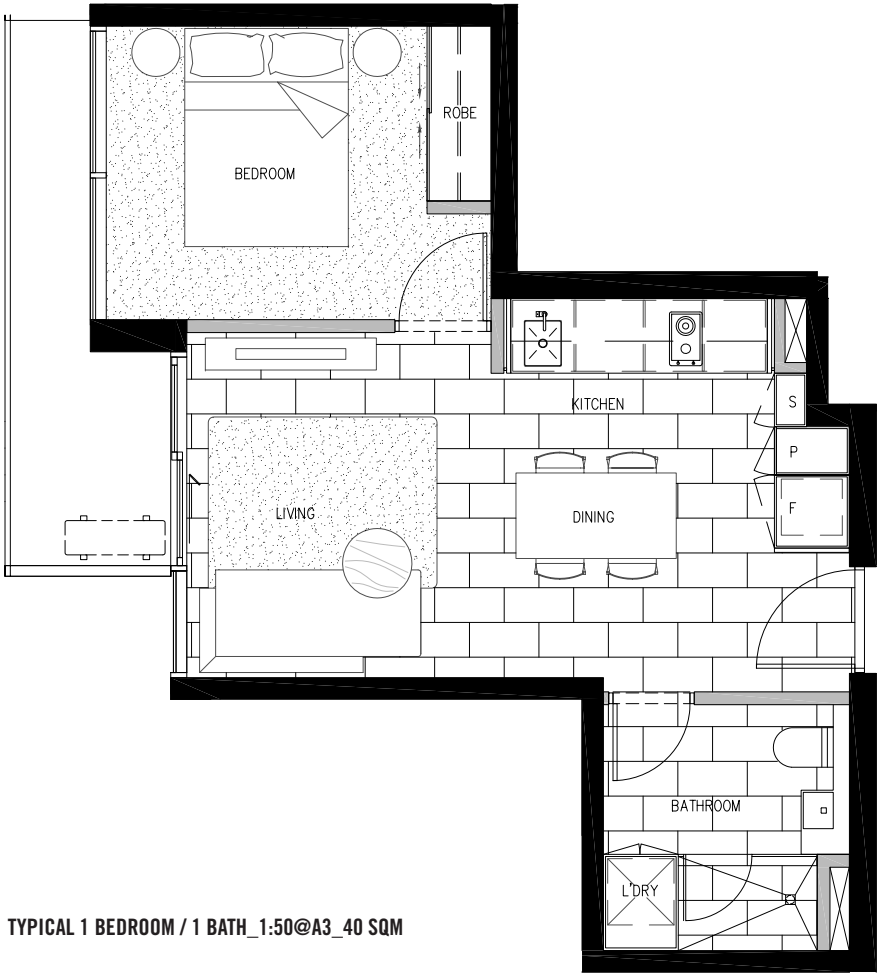


NAPOLEON + JOSEPHINE

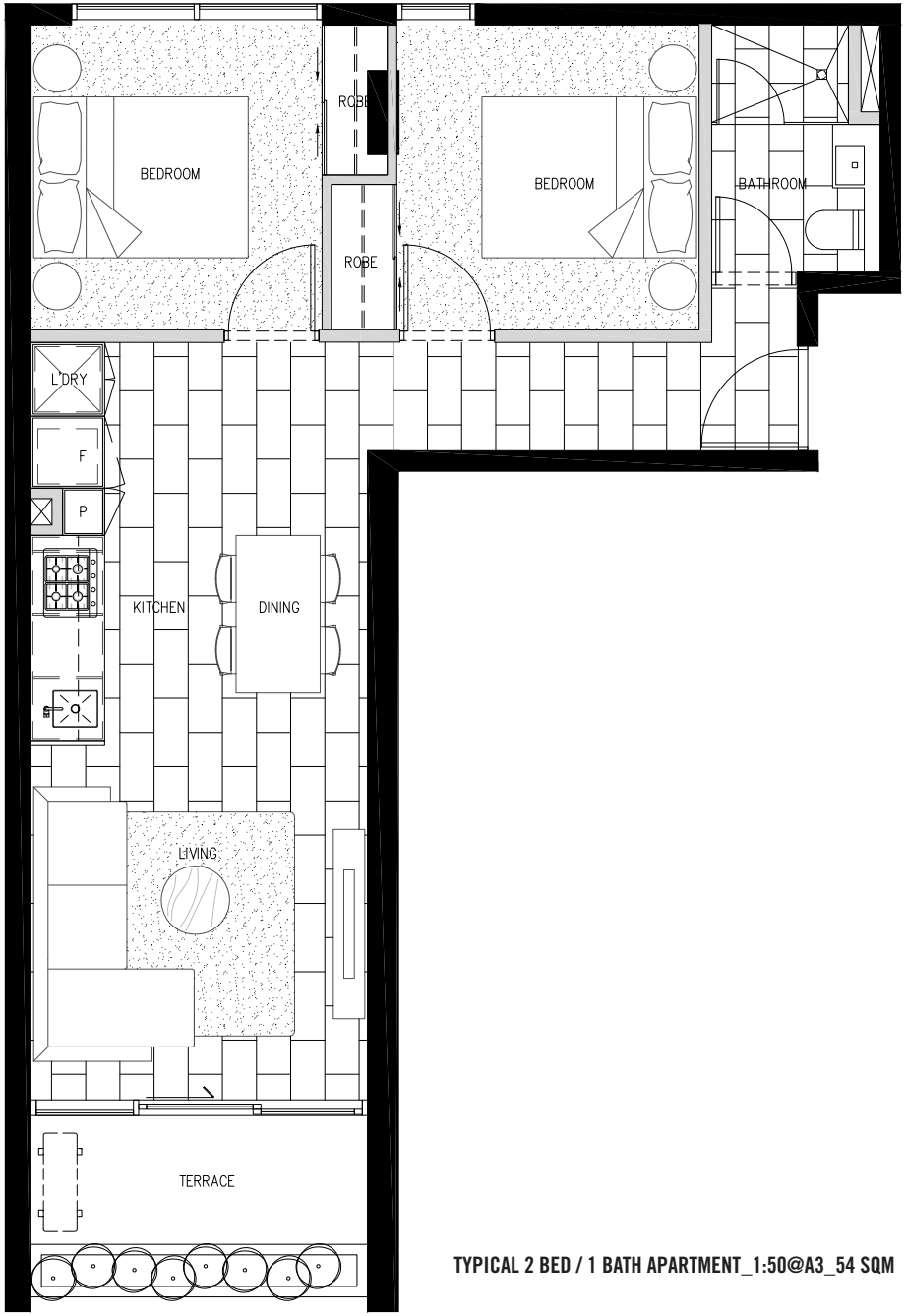
PODIUM LEVEL - ARTICULATION + ECCENTRICITY

UPPER LEVELS - ARTICULATION + ECCENTRICITY

ELENBERG FRASER



TYPICAL 1 BEDROOM / 1 BATH_1:50@A3_40 SQM



TYPICAL 2 BED / 1 BATH APARTMENT_1:50@A3_54 SQM

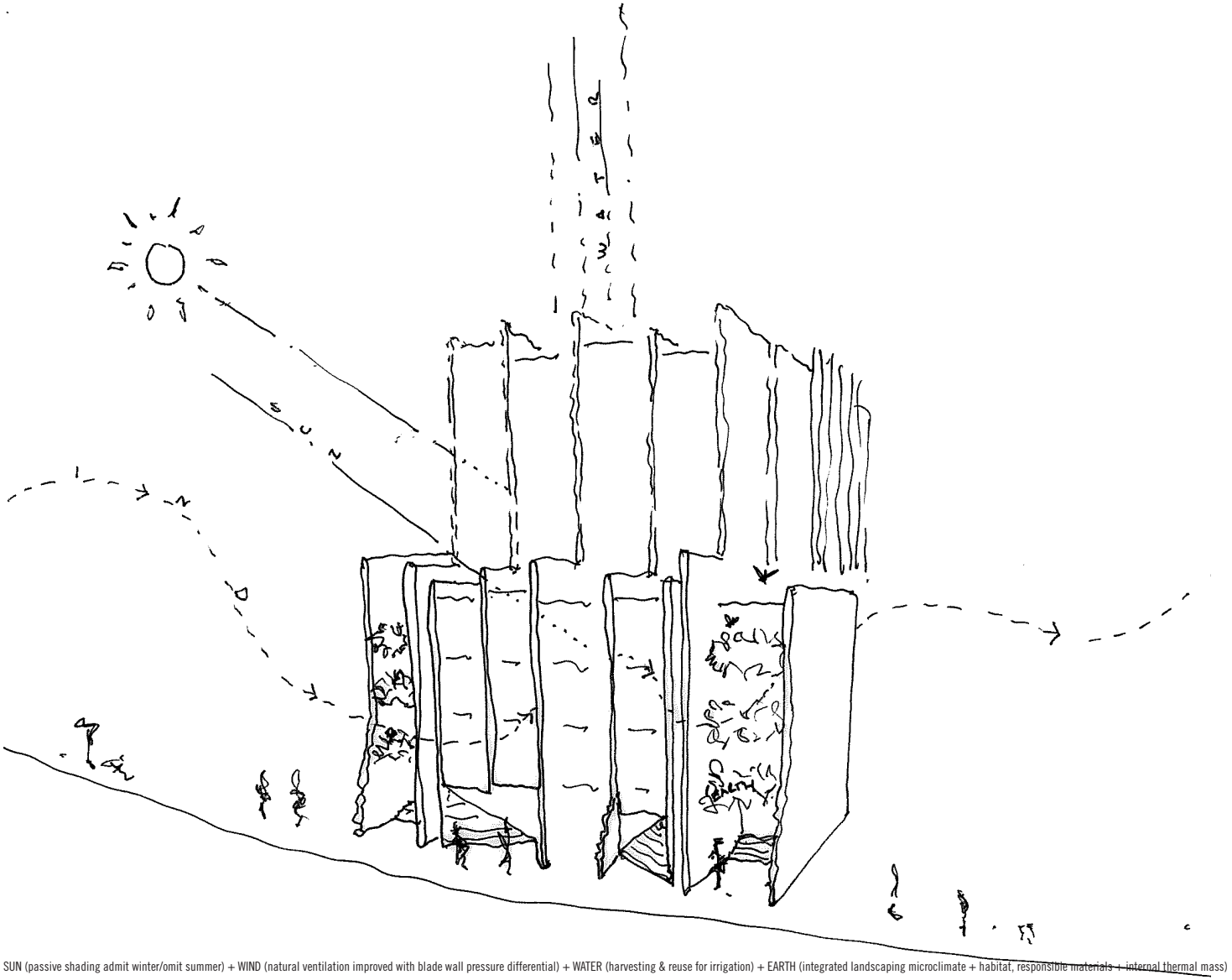
03.70 CONCEPT_URBAN ENVIRONMENTAL

Climate Specific Cost Neutral Passive Environmental Design creates Future

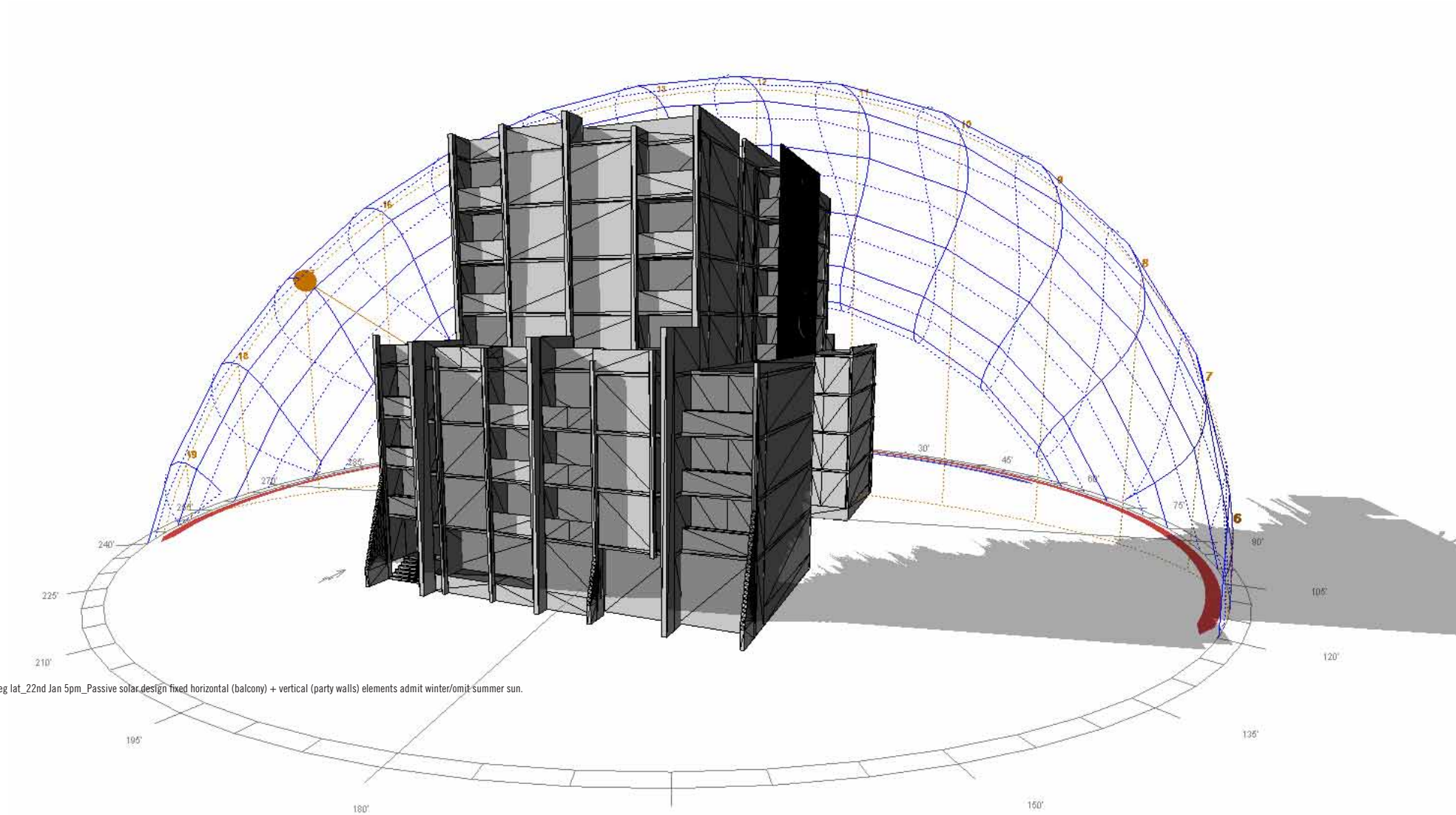
Proofed Low Energy building with high levels of Comfort + Health + Wellbeing. Extension of vertical blade wall elements (based on biomimicry of extruded tree bark) and floor slabs form passive sun shading devices and emphasises wind pressure differentials improving natural 'through' ventilation of the apartments.

BIOMIMICRY_TREE BARK

VERTICAL EXTRUDED FINGERS



SUN (passive shading admit winter/omit summer) + WIND (natural ventilation improved with blade wall pressure differential) + WATER (harvesting & reuse for irrigation) + EARTH (integrated landscaping microclimate + habitat, responsible materials + internal thermal mass)



Solar Analysis_37.5 deg lat_22nd Jan 5pm_Passive solar design fixed horizontal (balcony) + vertical (party walls) elements admit winter/omit summer sun.