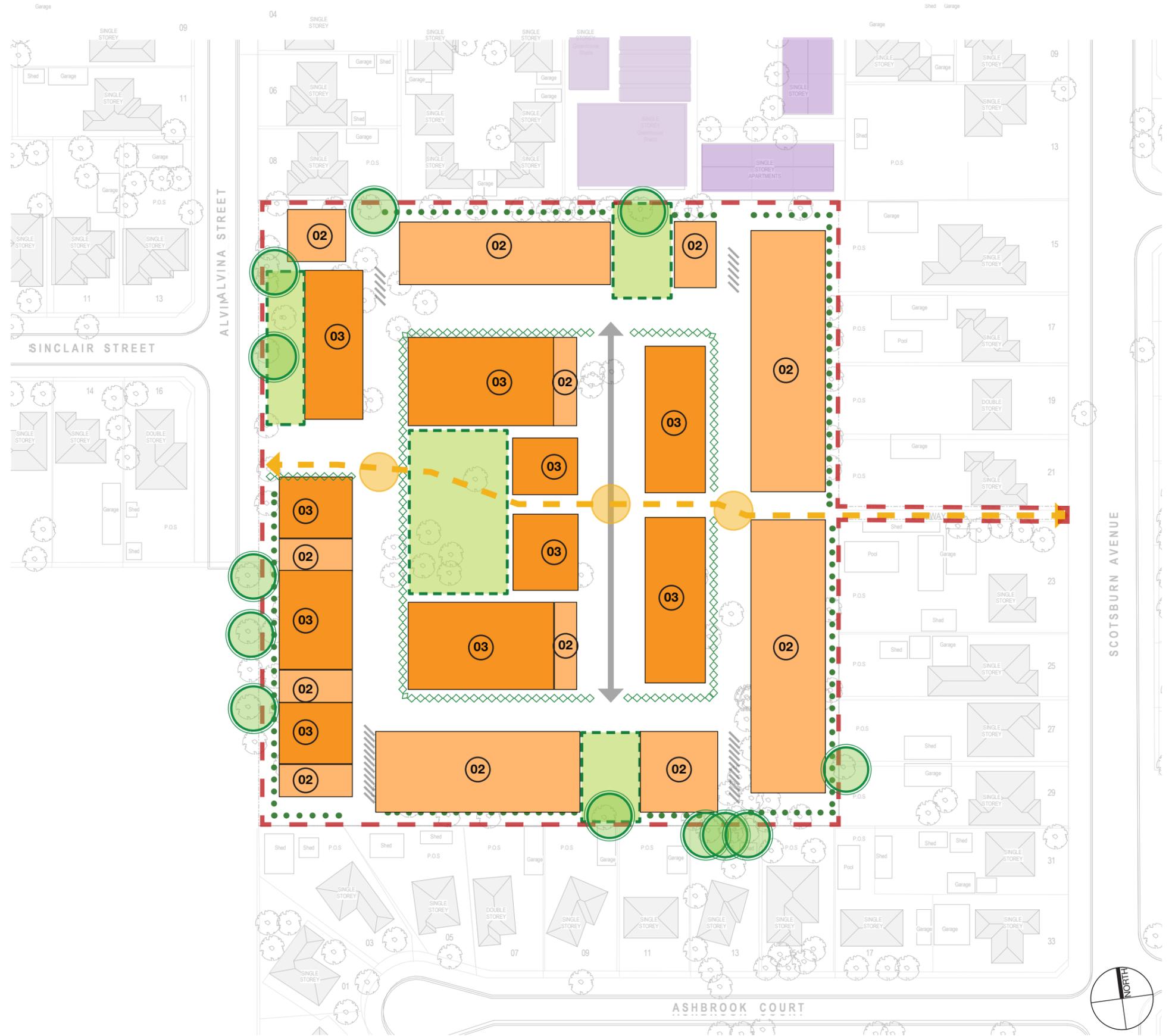


3.0 Design Evolution and Response / 3.01 Placemaking

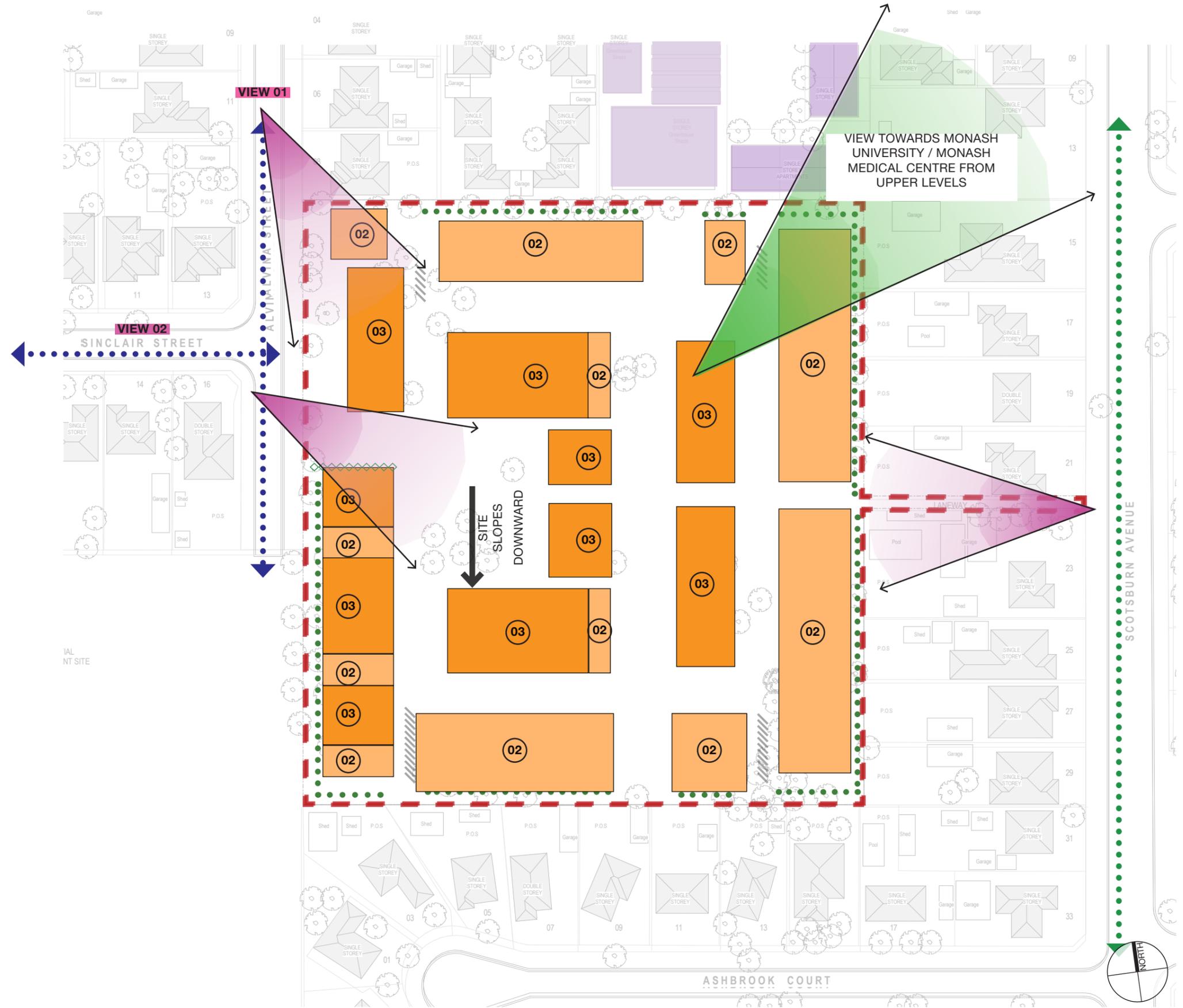
- Legend**
- Subject Site
 - Green Open Space - Pocket Parks
 - ◇ Potential Landscaping & Footpath
 - Private Open Space
 - ↔ Potential Pedestrian Connection
 - Pedestrian Crossings
 - ↔ Laneway Access - Secondary Roadway
 - /// Dead End Roadways
 - Residential buildings - 1 Storey
 - Residential buildings - 2 Storey
 - Residential buildings - 3 Storey
 - Industrial Use - 1 Storey
 - Apartments / Units - 1 Storey



3.0 Design Evolution and Response / 3.02 Placemaking

Legend

-  Subject Site
-  Potential Views towards site
-  Potential Views from site
-  Primary View Corridor
-  Private Open Space
-  Residential buildings - 1 Storey
-  Residential buildings - 2 Storey
-  Residential buildings - 3 Storey
-  Industrial Use - 1 Storey
-  Apartments / Units - 1 Storey



Legend

- Subject Site
- Residential buildings - 1 Storey
- Residential buildings - 2 Storey
- Potential Development Site
- Warehouse
- Apartments / Flats
- Sensitive Residential Interface
- XO Existing Crossover
- Street Frontage
- Potential Extension of Street frontage
- Trees to be Retained
- Site Contour (1Metre)

Boundary Conditions



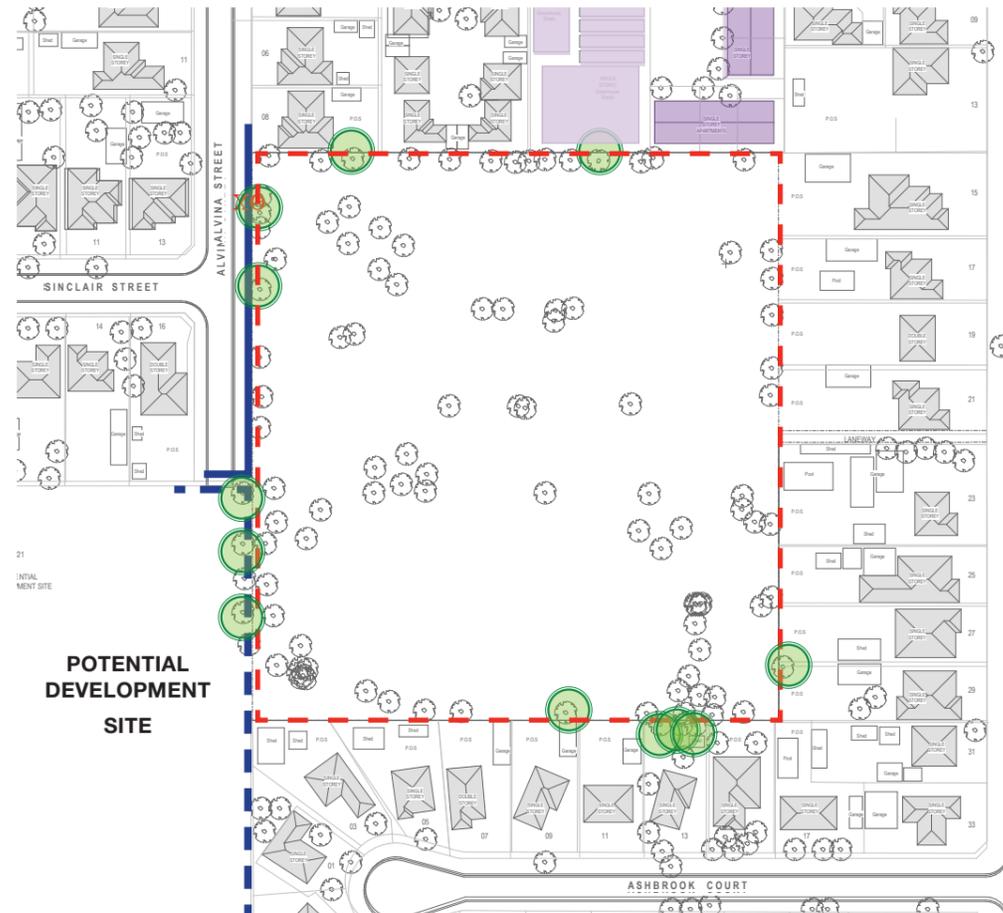
Trees and Drainage



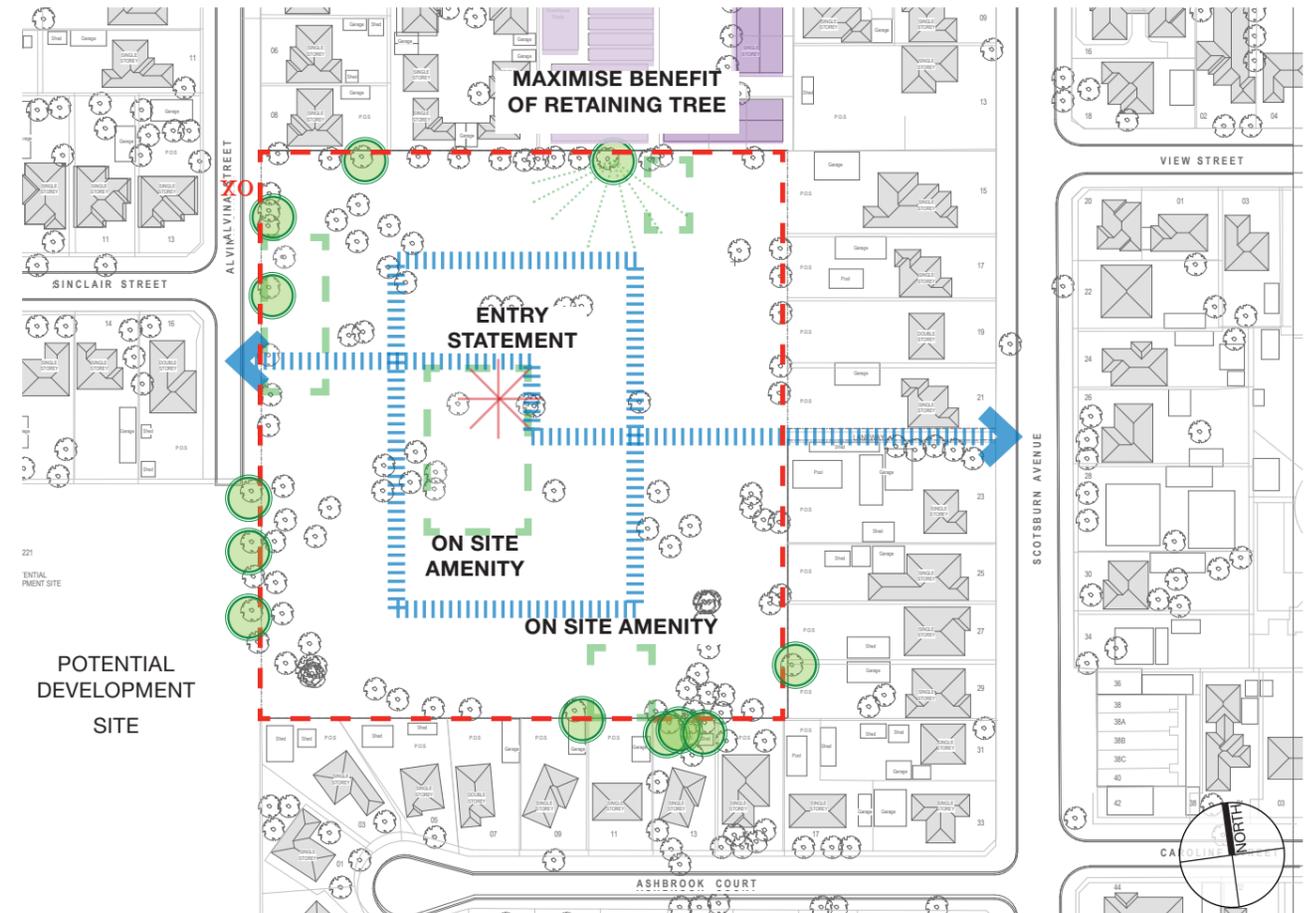
Legend

- Subject Site
- Residential buildings - 1 Storey
- Residential buildings - 2 Storey
- Potential Development Site
- Warehouse
- Apartments / Flats
- Sensitive Residential Interface
- Existing Crossover
- Street Frontage
- Potential Extension of Street frontage
- Trees to be Retained
- Entry Statement
- Pocket Park

Connections



Development Identity - Placemaking



Legend

- Subject Site
- Residential buildings - 1 Storey
- Residential buildings - 2 Storey
- Potential Development Site
- Warehouse
- Apartments / Flats
- Sensitive Residential Interface
- XO Existing Crossover
- Street Frontage
- Potential Extension of Street frontage
- Trees to be Retained
- Potential New Crossover and Entry to Site
- 2 Storey Height Potential
- 3 Storey Height Potential

First Principles



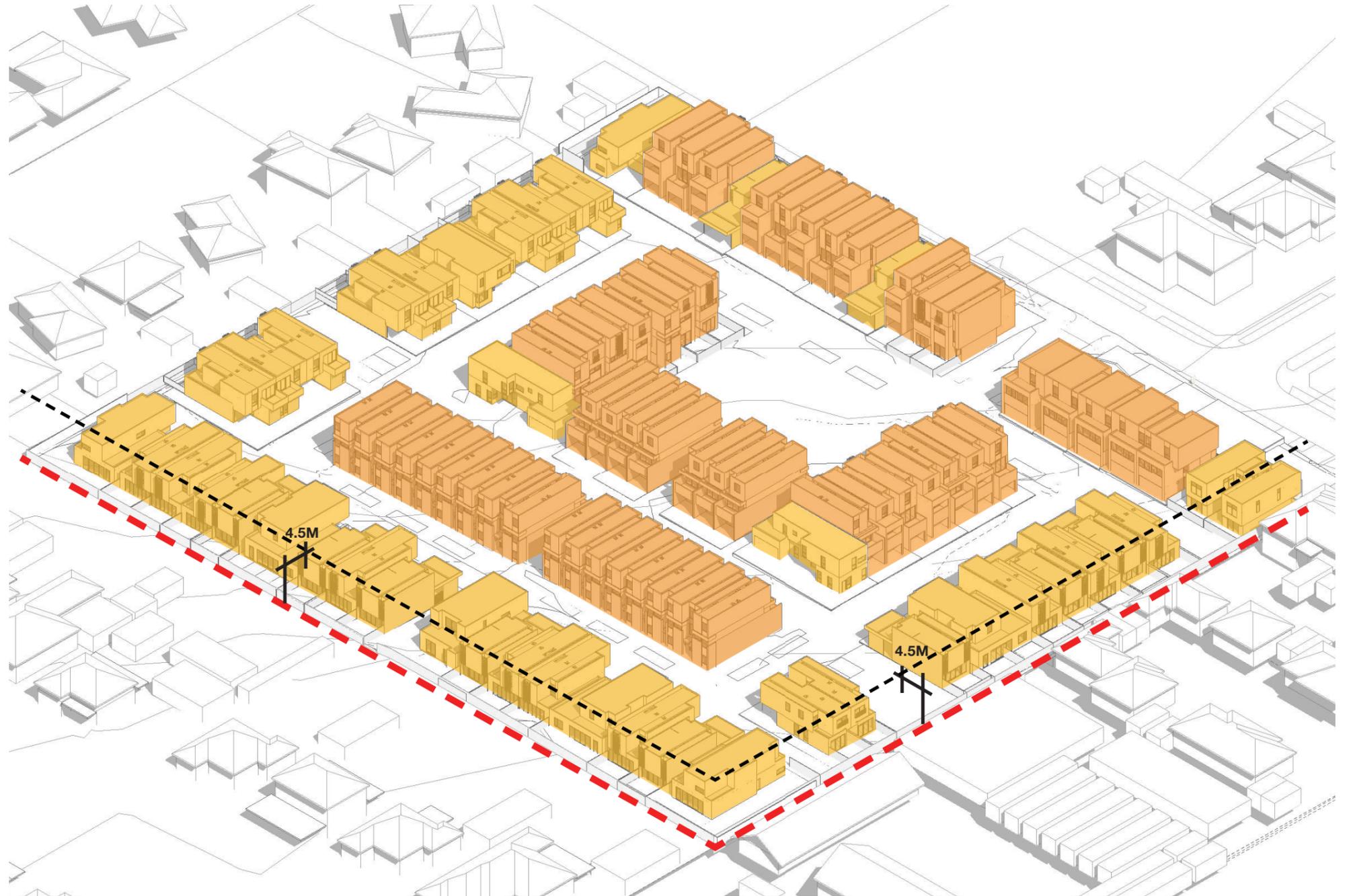
Height Potential



- Legend**
- Subject Site
 - Setbacks
 - 2 Storeys - 6.5m high
 - 3 Storeys - 9m high



- Legend**
- Subject Site
 - Setbacks
 - 2 Storeys - 6.5m high
 - 3 Storeys - 9m high



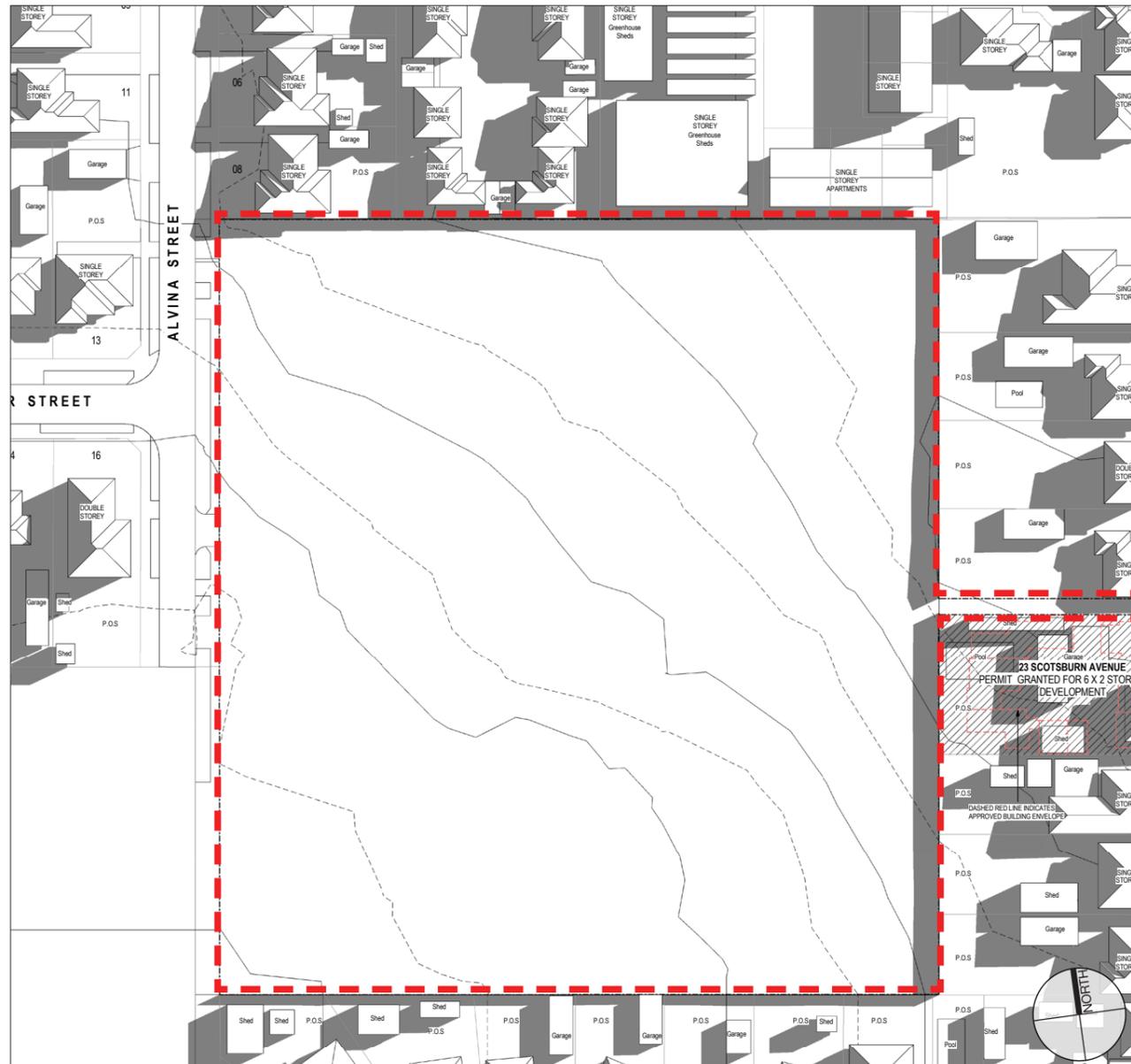
3.0 Design Evolution and Response

3.08 9am Shadow Analysis

The following shadow diagrams represent times as noted for the equinox on the 22nd September.

Disclaimer: Survey topography, building heights and fence heights used to produce these shadow diagrams have been produced by others. Shadow diagrams have been calculated and drawn to the best of our ability with all due care taken to ensure their accuracy.

9am Existing Shadow Analysis



9am Proposed Shadow Analysis



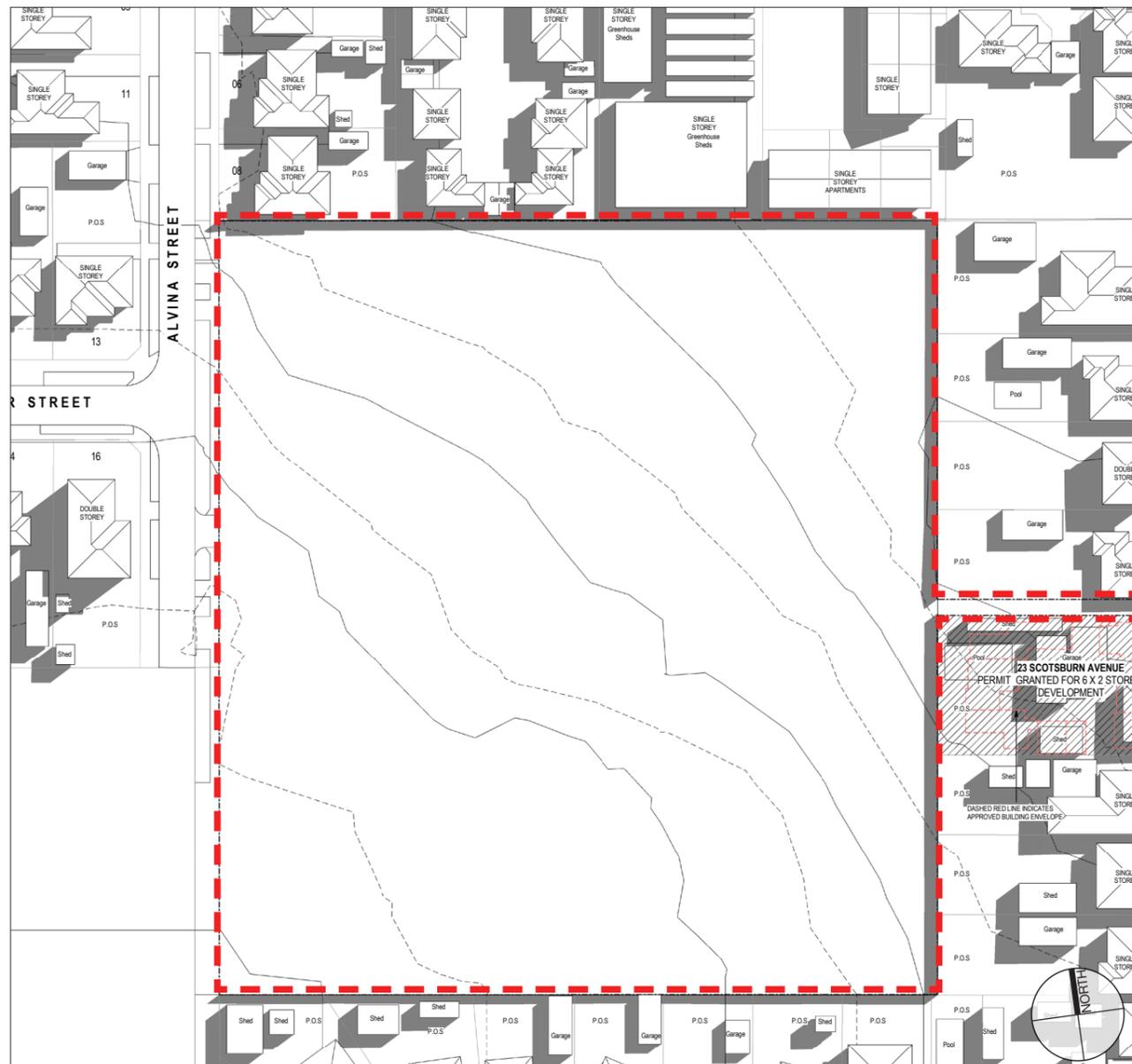
3.0 Design Evolution and Response

3.09 10am Shadow Analysis

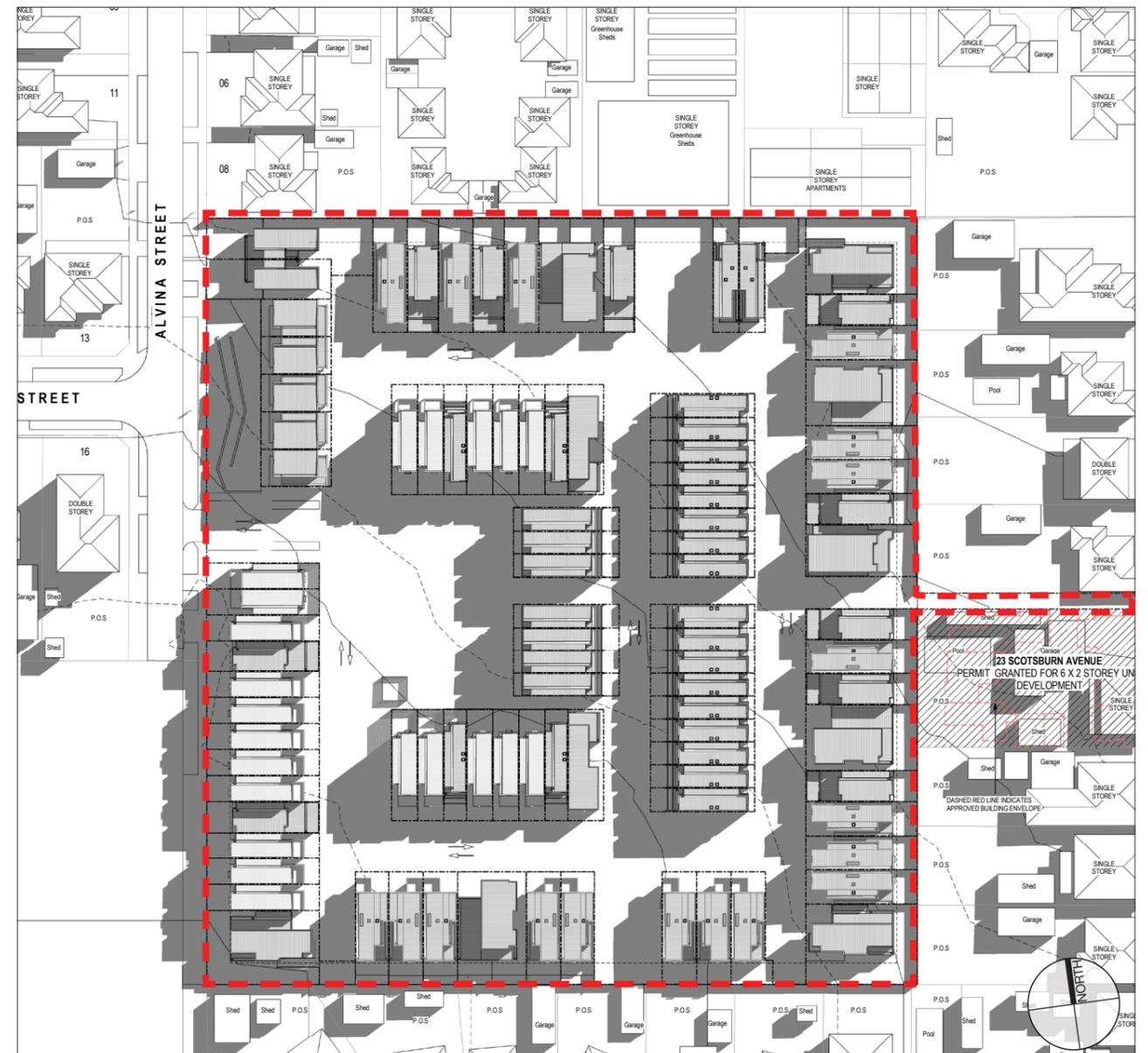
The following shadow diagrams represent times as noted for the equinox on the 22nd September.

Disclaimer: Survey topography, building heights and fence heights used to produce these shadow diagrams have been produced by others. Shadow diagrams have been calculated and drawn to the best of our ability with all due care taken to ensure their accuracy.

10am Existing Shadow Analysis



10am Proposed Shadow Analysis



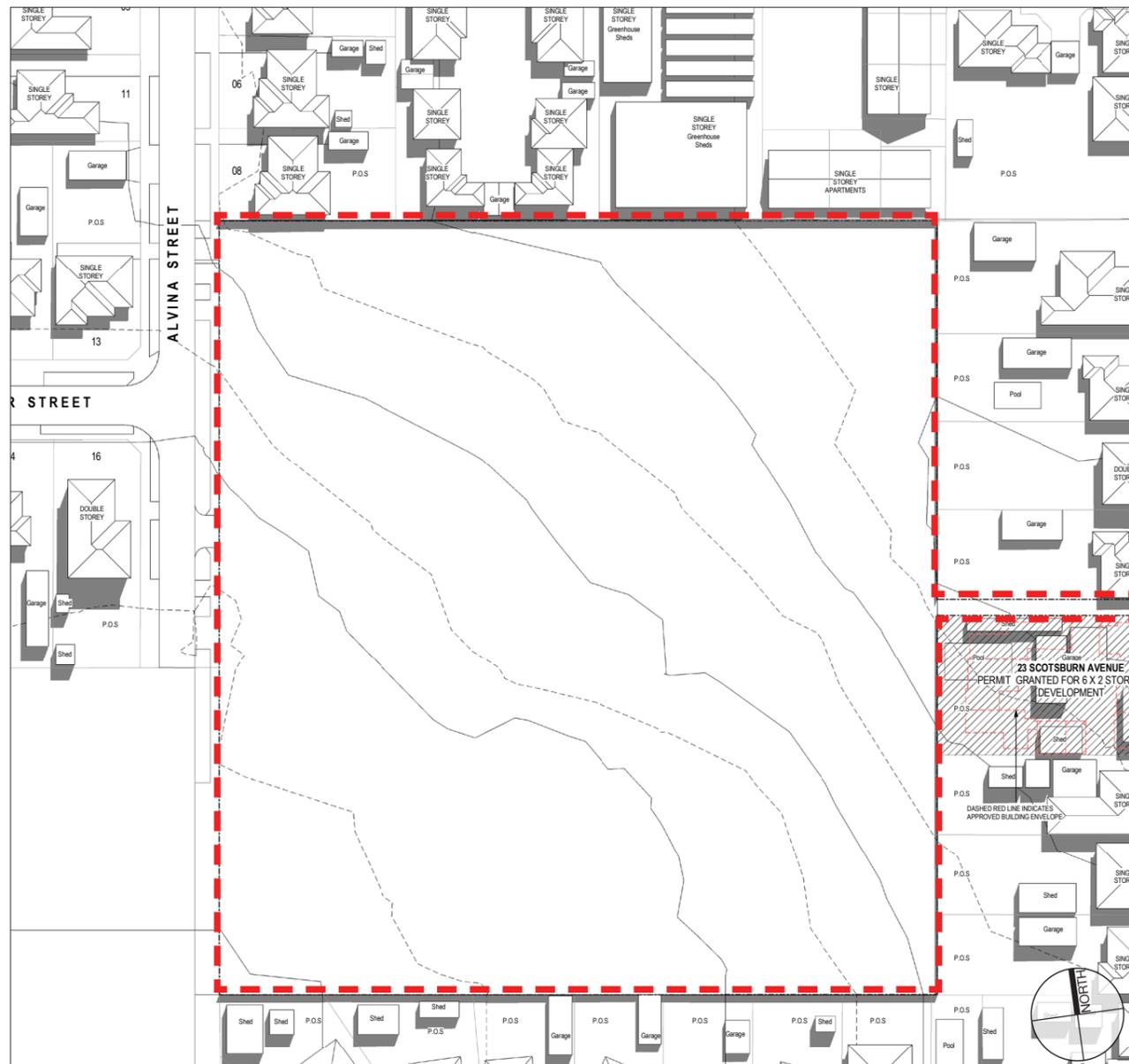
3.0 Design Evolution and Response

3.10 12pm Shadow Analysis

The following shadow diagrams represent times as noted for the equinox on the 22nd September.

Disclaimer: Survey topography, building heights and fence heights used to produce these shadow diagrams have been produced by others. Shadow diagrams have been calculated and drawn to the best of our ability with all due care taken to ensure their accuracy.

12pm Existing Shadow Analysis



12pm Proposed Shadow Analysis



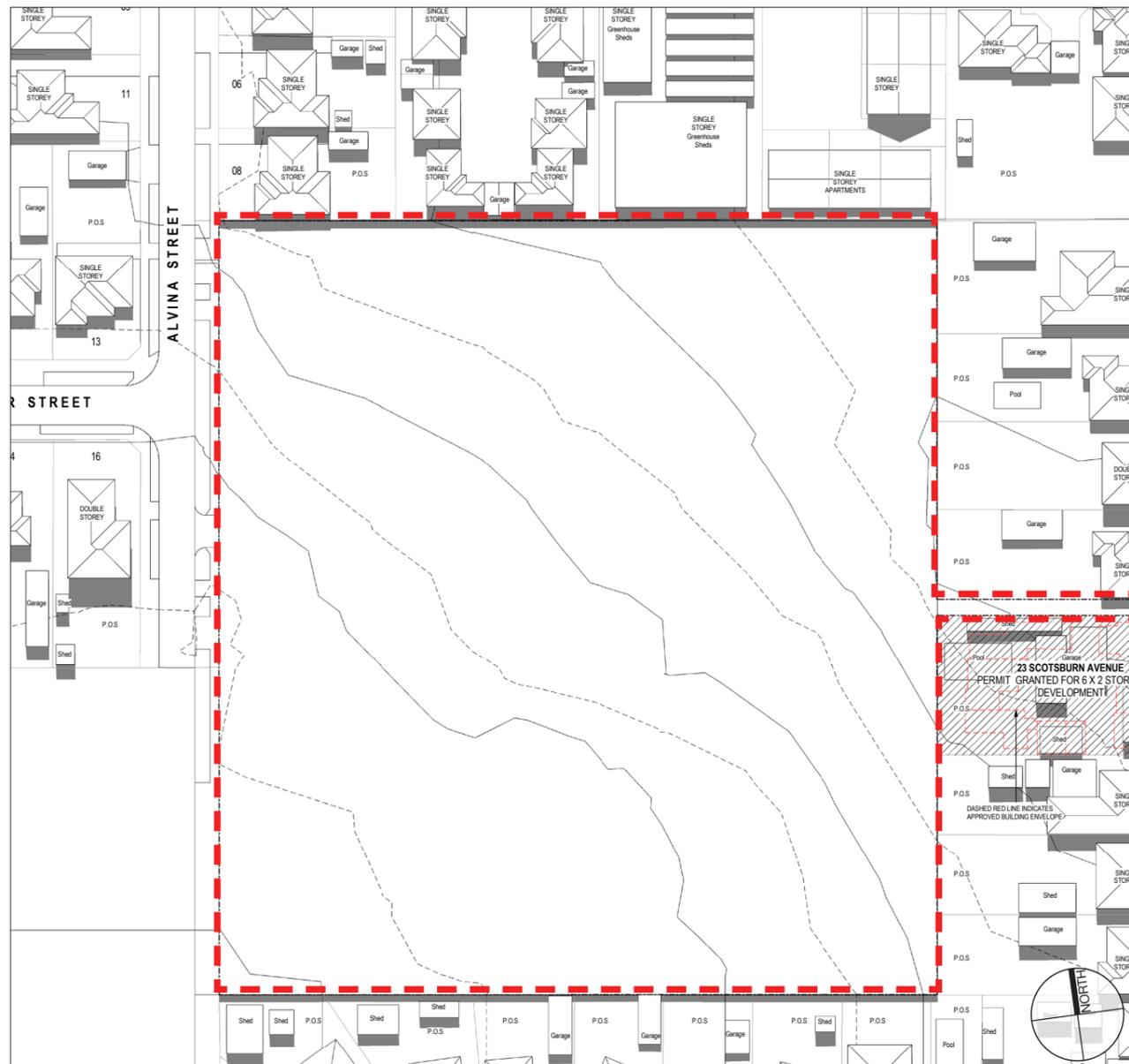
3.0 Design Evolution and Response

3.11 1pm Shadow Analysis

The following shadow diagrams represent times as noted for the equinox on the 22nd September.

Disclaimer: Survey topography, building heights and fence heights used to produce these shadow diagrams have been produced by others. Shadow diagrams have been calculated and drawn to the best of our ability with all due care taken to ensure their accuracy.

1pm Existing Shadow Analysis



1pm Proposed Shadow Analysis



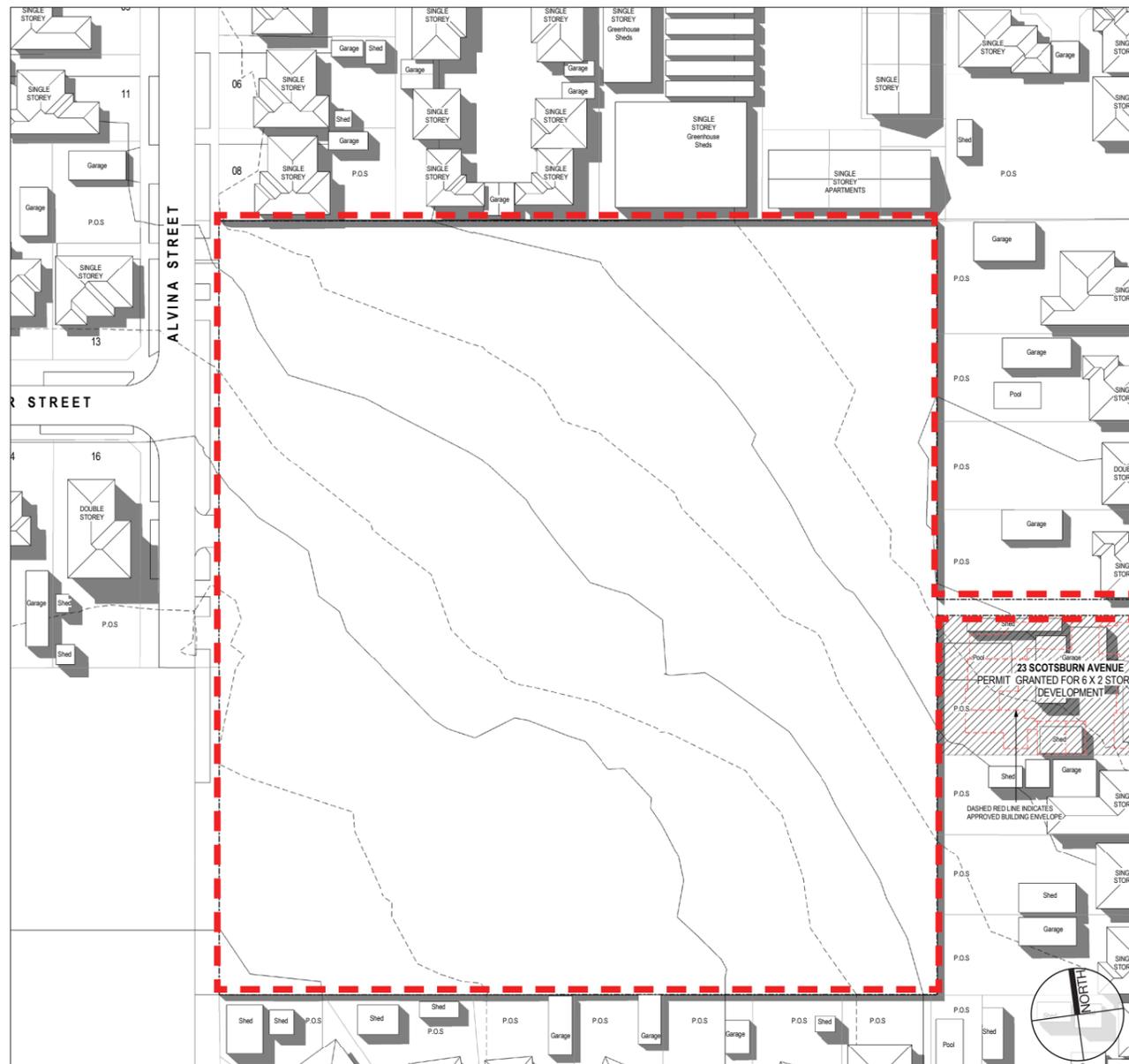
3.0 Design Evolution and Response

3.12 3pm Shadow Analysis

The following shadow diagrams represent times as noted for the equinox on the 22nd September.

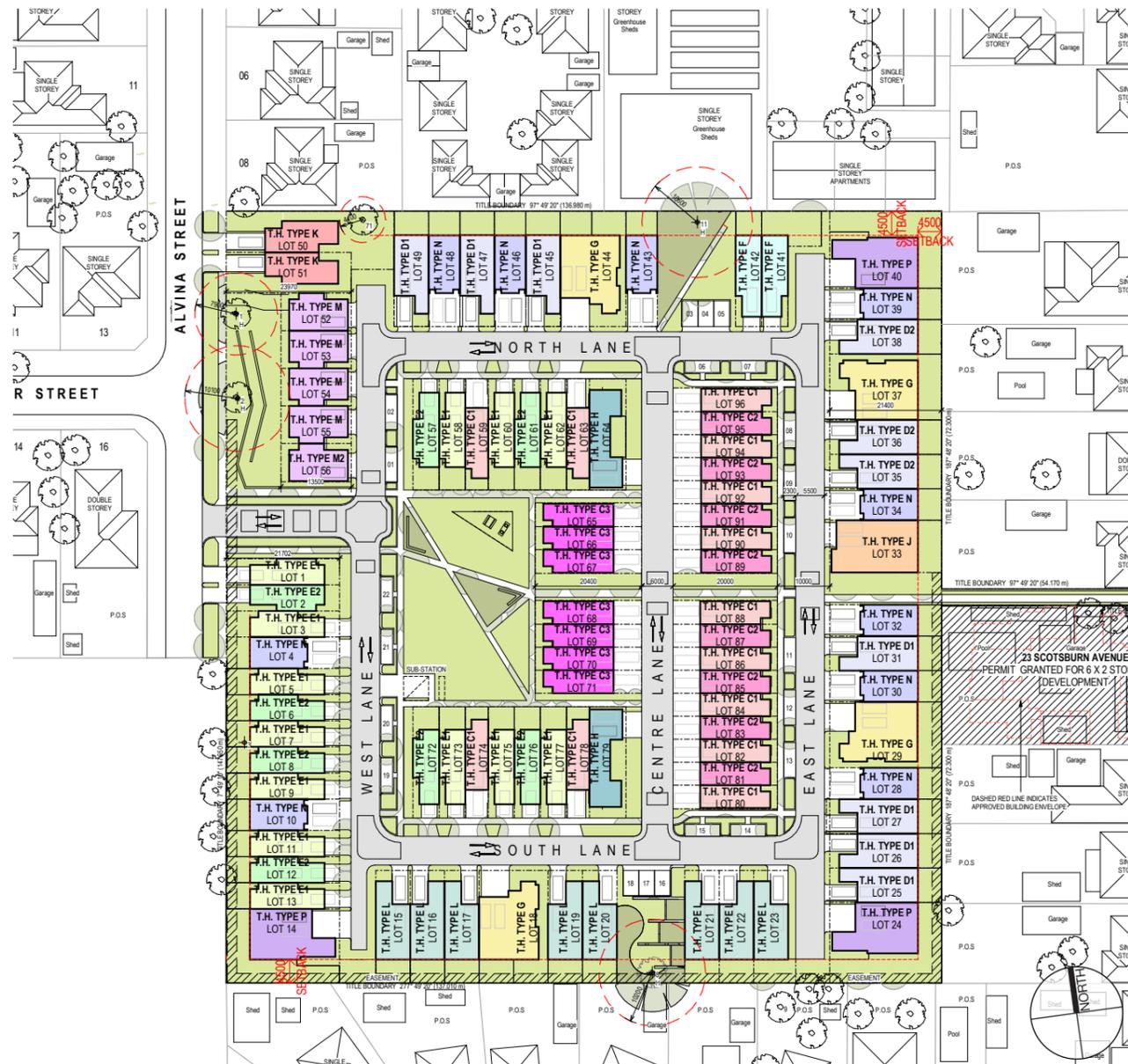
Disclaimer: Survey topography, building heights and fence heights used to produce these shadow diagrams have been produced by others. Shadow diagrams have been calculated and drawn to the best of our ability with all due care taken to ensure their accuracy.

3pm Existing Shadow Analysis



3pm Proposed Shadow Analysis





ESD Statement

The proposed masterplan incorporates the following key principals and initiatives:

- All dwellings to meet or exceed the NCC 6-star energy rating
- All houses to have either rainwater harvesting for toilet flushing or solar hot water units
- Natural ventilation and high levels of natural daylight to all dwellings
- Thermally efficient building envelopes to be used
- Orientation of houses designed to offer good solar access for residents
- Operational waste management has been considered in all the house designs to provide for dedicated recycling bin storage
- The house designs have been set up to allow for the future implementation of more detailed ESD design responses