

## Photomontage methodology

Unit footprints are up to approximately 50% of the erf size. The height of dwelling units is 8.5 m (with the exception of the group housing units in block 132 of layout 11 which are 6.5 m; and, all dwelling units in the mitigation model of layout 11 which are up to 6.5 m above natural ground level). For all units, 50% of the ground floor footprint is double storey. Unit parameters, with respect to footprint, volume and height, were determined in conjunction with discussion with VPM. Where dwelling units are situated on a slope, the footprint midpoint is placed at natural ground level with the upslope portion sunk into the slope as if cut and the downslope portion extending out at ground level as if on fill.

**Preferred Alternative Layout 11:** Dwelling height of the majority of units: up to 8.5 m. Note: the units in block 132 are 6.5 m tall.

- Units 74-105: ground floor footprint of 125sqm (15 x 8.3 m).
- Units 1-10, 12, 13 and 106-124: ground floor footprint of 500 m<sup>2</sup> (30 x 16.7 m).
- Units 11, 14-73, 125-130: ground floor footprint of 300 m<sup>2</sup> (15 x 20.3 m).
- Group housing, block 132: ground floor unit footprints for small, medium and large units are as indicated on the SDP (from approximately 50, 135 to 210 m<sup>2</sup>).

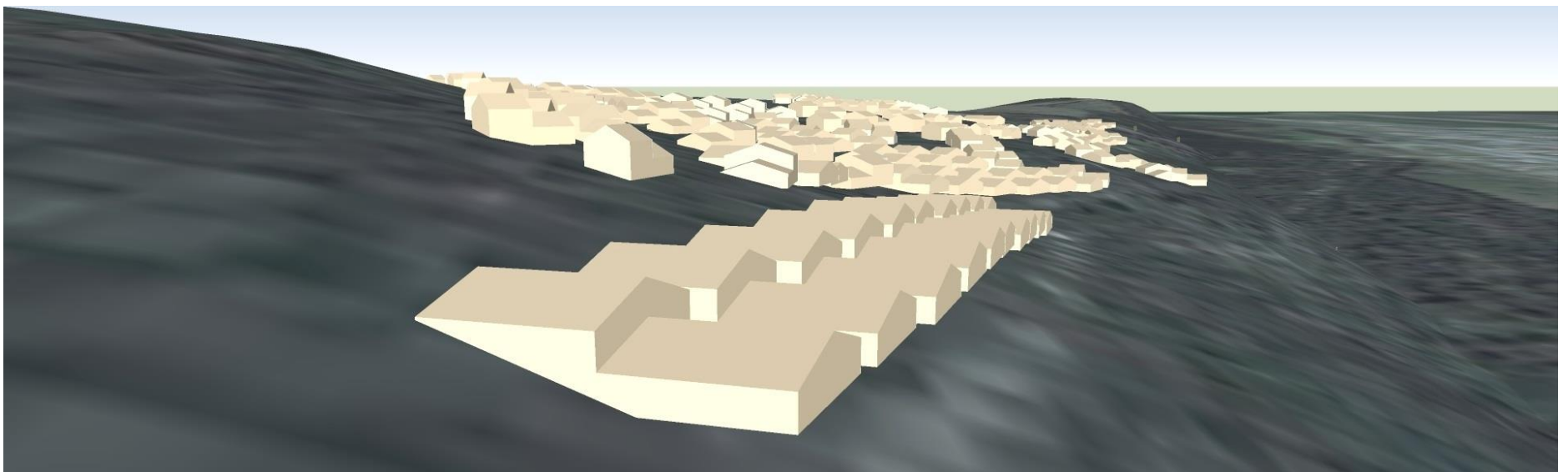
**Preferred Alternative Layout 11 with mitigation:** Dwelling height of all units: up to 6.5 m above natural ground level (as opposed to 8.5 m). Dwelling footprints are as per Alternative 11 described above. Dwelling roofs and walls are dark grey and grey respectively as opposed to the beige coloured units used for layout 4 and 9.

**Alternative 1 Layout 4:** Dwelling height of all units: up to 8.5 m.

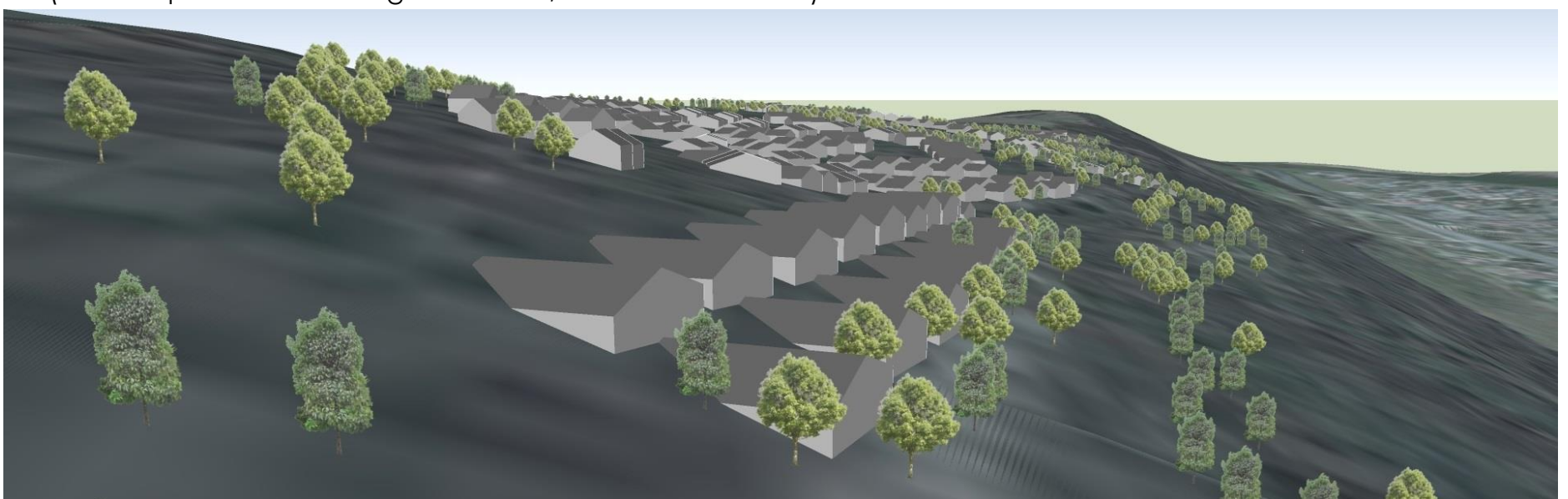
- Units 92, 100-108, 110-113, 116, 266-285 and 203-228: ground floor footprint of 250 m<sup>2</sup> (25 x 12 m).
- All remaining units: ground floor footprint of 350 m<sup>2</sup> (25 x 14 m).

**Alternative 2 Layout 9:** Dwelling height of all units: up to 8.5 m.

- All units: ground floor footprint of 650 m<sup>2</sup> (32.5 x 20 m).



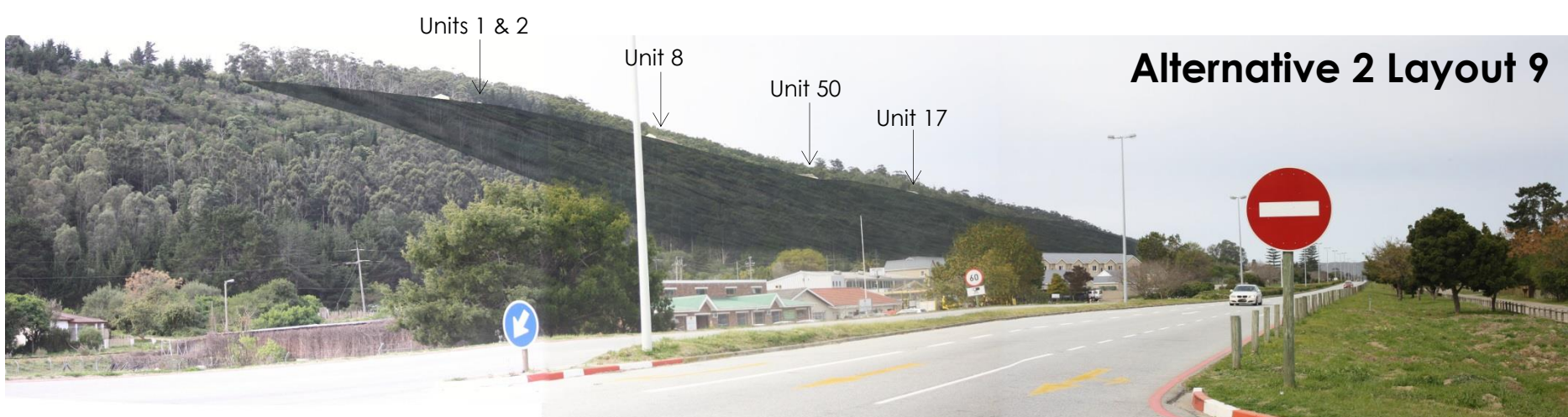
Preferred Alternative Layout 11 (without mitigation) looking east: close-up sample image of beige coloured units 8.5 m tall (with midpoint situated at ground level, half cut and half fill).



Preferred Alternative Layout 11 (with mitigation) looking east: close-up sample image of grey coloured units 6.5 m above natural ground level. Trees are positioned according to the SDP and are 7m tall.

Once the Google SketchUp models were populated with units, the SketchUp models for each alternative were georeferenced in Google Earth terrain and viewed from the identified viewpoints. Google SketchUp views of the models were subsequently imported into photographs in Adobe Photoshop and aligned with topography and other identifiable landscape features. Units visible from viewpoints have been labelled for ease of reference.

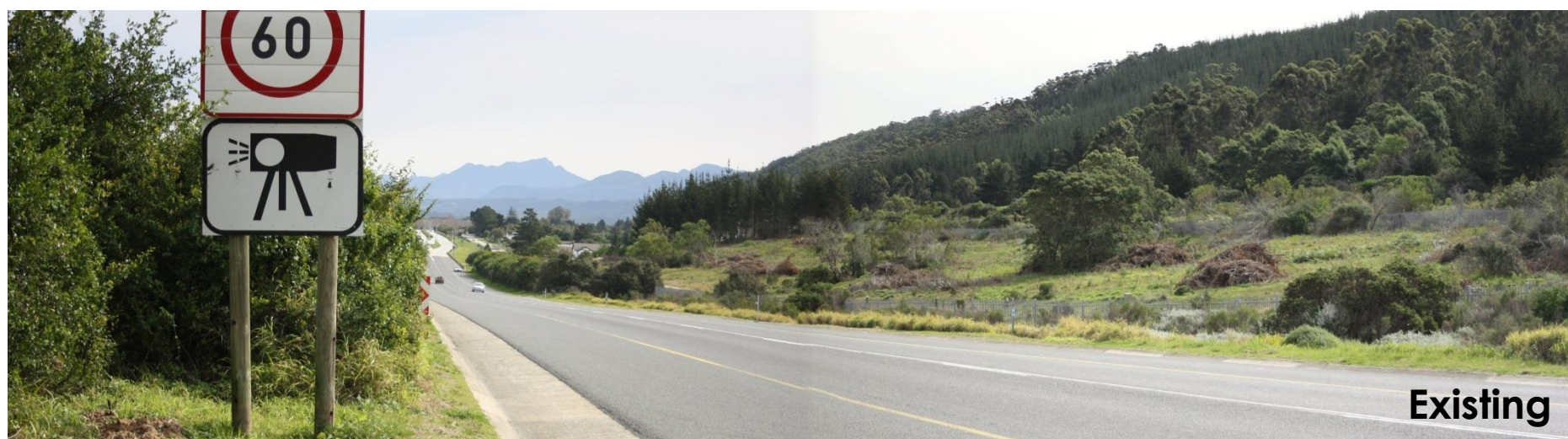




Note: visible units in all of the above montages are 8.5 m high.

The Hill  
Photomontages  
View from N2 west (intersection  
of N2 and Wagtail)  
November 2015





Note: visible units in all of the above montages are 8.5 m high except the unit of group housing block 132 of layout 11.

The Hill  
Photomontages  
**View from N2 east (from N2)**  
November 2015





Note: visible units in all of the above montages are 8.5 m high except the units of group housing block 132 of layout 11.

The Hill  
 Photomontages  
**View from Sedgefield (intersection of Makou & Cormorant)**  
 November 2015





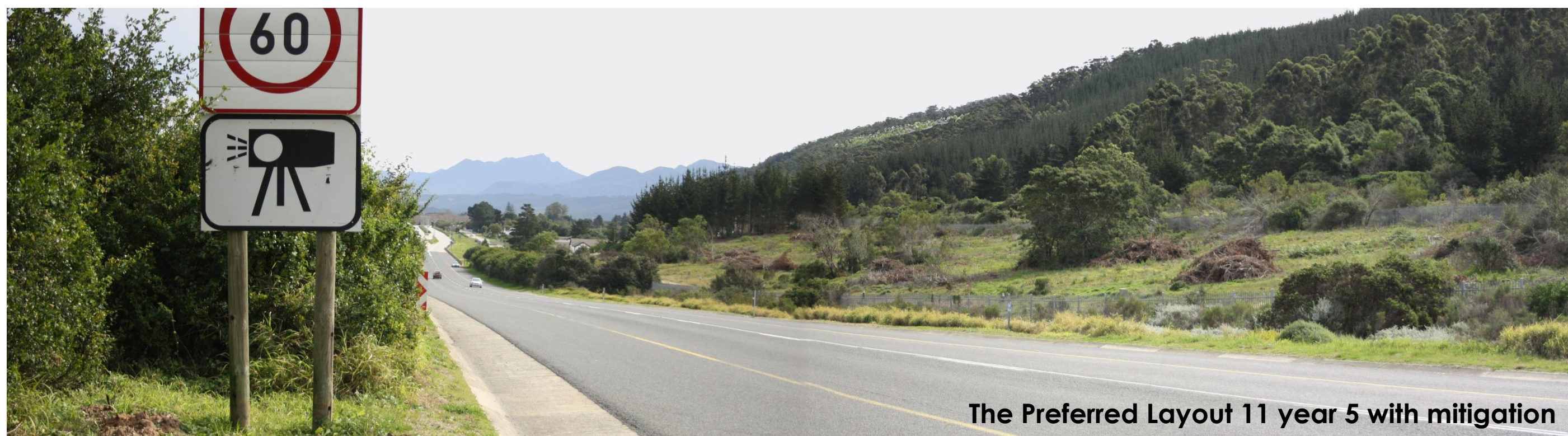
Mitigation measures include:

- Reducing the height of the units from 8.5 m to 6.5 m above natural ground level
- Colouring the unit wall mid-grey and roofs dark grey
- Planting trees. The trees indicated here are 7 m tall, are positioned as per VPM SDP plan and would include species such as:
  - *Virgilia oroboides*, *Ekebergia capensis*, *Harpephyllum caffrum*, *Calodendrum capense*, *Brachylaena discolor*, *Ficus sp.*

Note: additional proposed mitigation to include the initial retention of existing tall exotic trees (to be phased out as indigenous trees establish) which would provide additional screening of dwellings. This additional screening has not been reflected in these montages.

The Hill  
Photomontages - mitigation  
**View from N2 west (intersection N2 & Wagtail)**  
November 2015





Refer to information in 'Mitigation measures' on page 5.

The Hill  
Photomontages - mitigation  
**View from N2 east (from N2)**  
November 2015





Refer to information in 'Mitigation measures' on page 5.

The Hill  
 Photomontages - mitigation  
**View from Sedgefield (intersection of  
 Makou & Cormorant)**  
 November 2015