

## 2.7

### Mapping the Existing Height of Buildings

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A 3D model of the existing city form was acquired. Using GIS, the model was analysed to produce maps describing existing built form heights in Central Sydney (refer to C\_21).

#### **Existing Height of Buildings**

The existing as built height of buildings reflects the efficacy of built form controls.

There is a strong street wall building and podium component (refer to C\_22), with towers of various heights located towards the north and south end of Central Sydney (refer to C\_23).

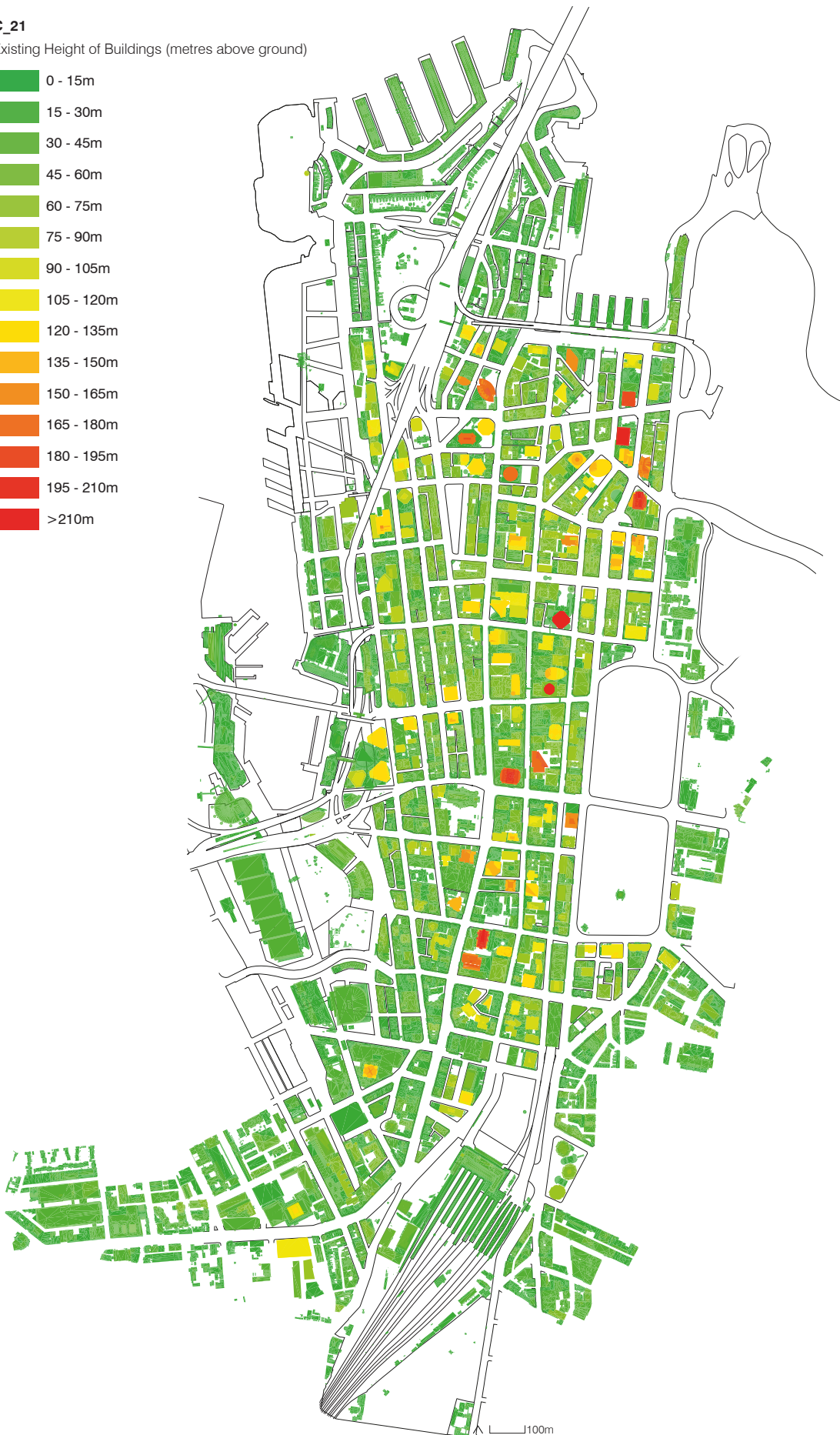
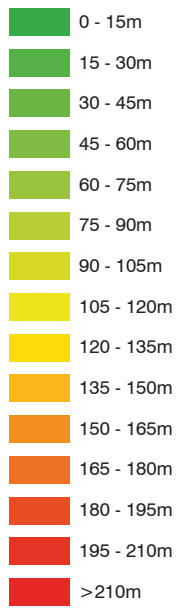
The mapping indicates that there is a strong relationship between site size and height of building.

A very distinct pattern of towers occurring between heritage items is evident (refer to C\_24).

The 3D model has also been used to record sections through each of the city streets, showing elevational information of built form to either side of the street alignment. The elevational information indicates built form to a depth of view equivalent to one street block. The sections are contained within Appendix G.

### C\_21

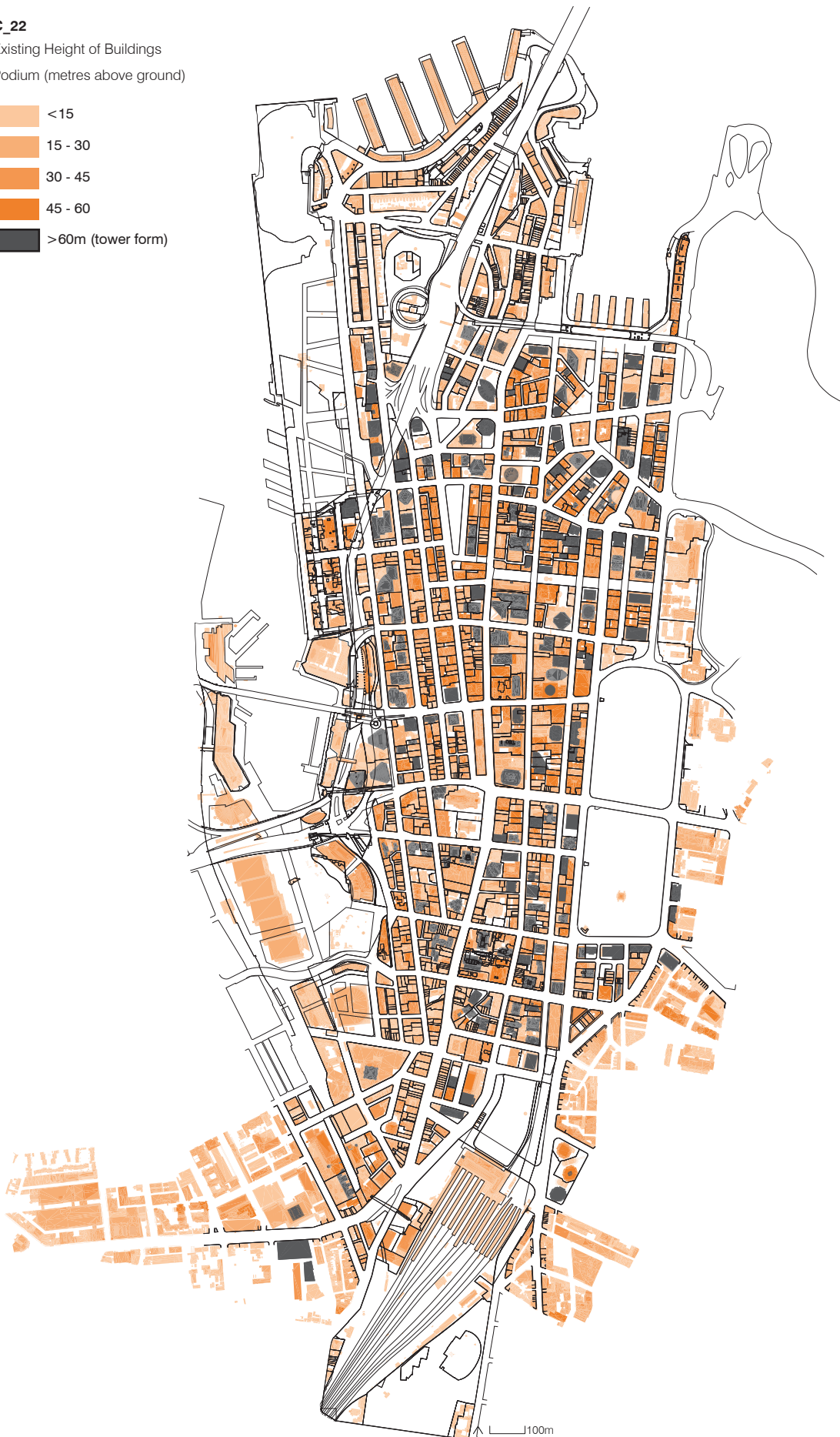
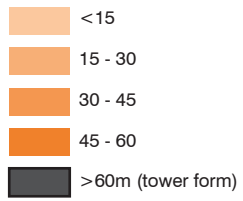
Existing Height of Buildings (metres above ground)



**C\_22**

Existing Height of Buildings

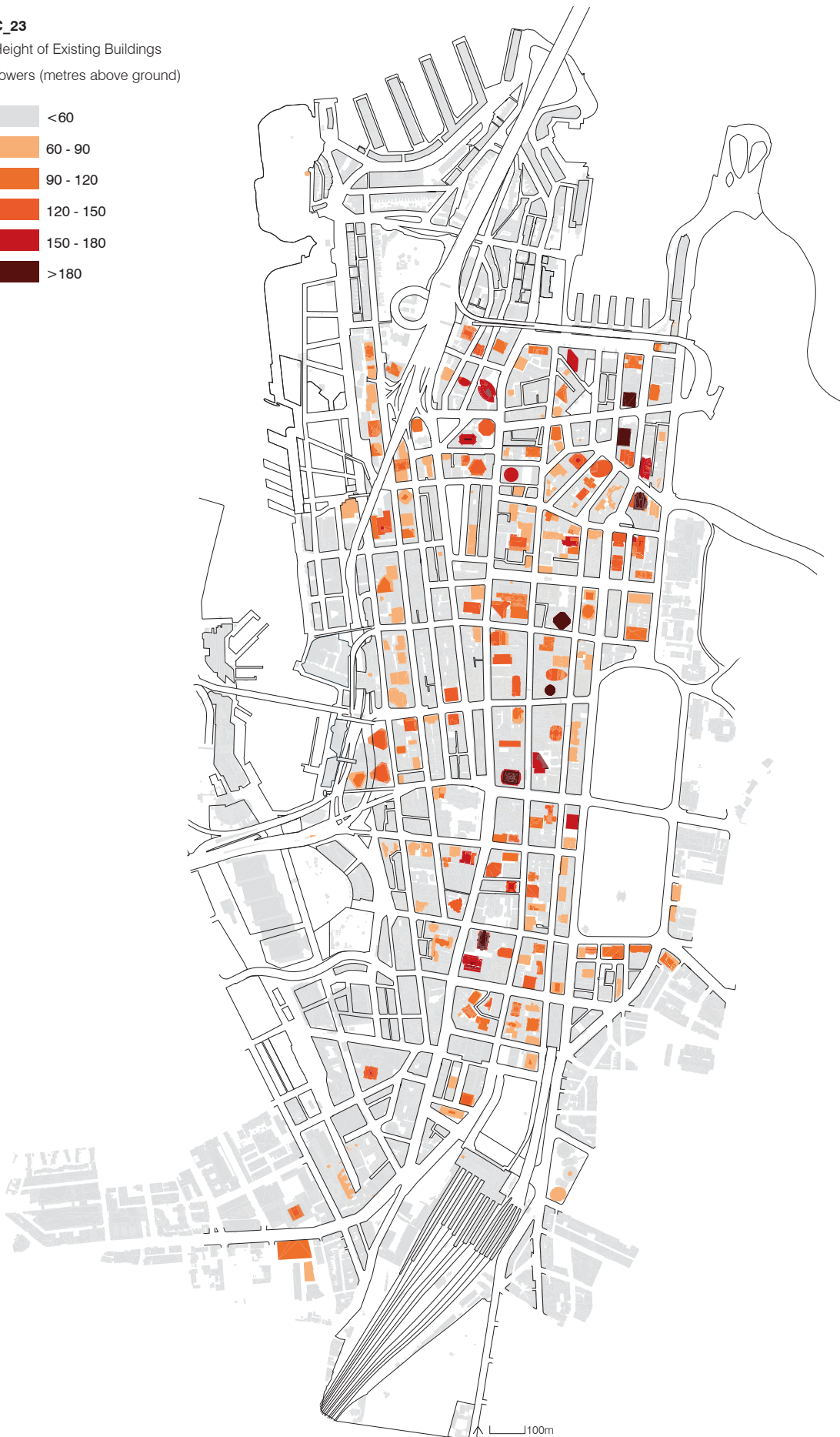
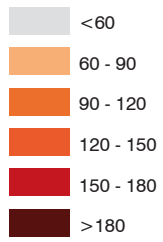
Podium (metres above ground)





### C\_23

Height of Existing Buildings  
Towers (metres above ground)





C\_24

Tall Buildings and Heritage

- Existing Buildings >60m
- Heritage Item
- Special Character Area

