

Attachment One – Draft Westmead Innovation District Masterplan principles

The following are principles extracted from the draft Westmead Innovation District Masterplan.

Street Network

Streets are to be the primary organising elements of the precinct.

The design of the street network is to:

- *maximise the number of streets into and through Westmead precinct;*
- *resolve the various geometries of the existing street network into a workable street and block pattern;*
- *reveal the topography and history of the precinct;*
- *provide sight lines that maximise legibility;*
- *ensure that the street blocks relate to the preferred building typologies;*
- *provide views and / or view corridors:*
 - *into the precinct from the surrounding streets and the entries*
 - *to the significant existing vegetated zones / parks*
- *provide car and / or pedestrian links to both the internal and external existing and future street networks; and*
- *enable easy kerbside parking for cars, taxis, bikes as required.*

Street Design

The design of the streets is to ensure that the streets are of sufficient width to provide:

- *generous footways*
- *space for canopy trees*
- *adequate space across streets and between buildings*
- *adequate solar access*
- *appropriate lighting, street furniture, outdoor dining*

Buildings

Buildings to be designed and located so that they:

- *face and edge all open space, streets and heritage precincts;*
- *have entrances from the street*
- *align with the open space and streets within the precinct;*
- *define in plan and section the edges of streets and open spaces;*
- *have fronts of buildings facing fronts of buildings (usually across a street) and backs of buildings facing backs of buildings (usually at the rear of a street block)*
- *create positive spaces with adjacent and neighbouring buildings including the buildings across the street and at intersections;*
- *meet the ground with depth in the street wall, modulation, entrances and predominately active uses;*
- *be designed without colonnades;*
- *use awnings where appropriate; and*
- *be well proportioned and detailed using robust materials*

Heritage

When heritage buildings are to become part of a new urban fabric manipulation of space can be the most successful way of integrating them and according them a position of value. This is particularly true when the new fabric is much larger than the heritage item. New buildings that are in the vicinity of heritage buildings are to:

- *create a clear spatial setting in which the heritage buildings are visually dominant even if the heritage building is smaller;*
- *be resolved architecturally so that they complement and not compete with the heritage buildings;*
- *support the integrity of the heritage building by reinforcing the role of the heritage buildings within the street and block pattern (fronts, backs etc); and*
- *face and address any neighbouring heritage buildings and those across streets.*

Centres

The locations of activity nodes are to:

- *be based on the street network as much as possible given the:*
 - *requirements for internal uses in hospital facilities; and*
 - *the climate.*
- *reinforce Hawkesbury Road:*
 - *as the primary main street;*
 - *with a widened fully public footway on the south/ eastern side; and*
 - *with retail uses at ground.*
- *be adjacent to transport nodes and hospital requirements.*