

Hydraulic modelling indicates that in rare events beyond the 100 year ARI, attenuated flood flows and backwater effects could occur on Camden Valley Way at the South Creek crossing area which could, in turn, affect the Precinct. Accordingly, any proposed changes to Camden Valley Way at the South Creek crossing area would require careful planning and detailed modelling.

Management response

Habitable floor levels of dwellings, commercial and industrial buildings, and occupied floors of special use developments should be either at or above the Flood Planning Level – i.e. at a level above the 100 year ARI with a freeboard of 600mm.

In addition, further work is required in the small land holdings along Turner Road to accommodate the treatment of stormwater draining to the Narellan Creek catchment.

Further detailed investigation is required to establish final flood levels based on final creek rehabilitation works. Road crossings within the Precinct will need to respond to the requirements of the riparian corridors being traversed and may need to span the 100 year ARI extent. This too should be subject to further investigation during detailed design.

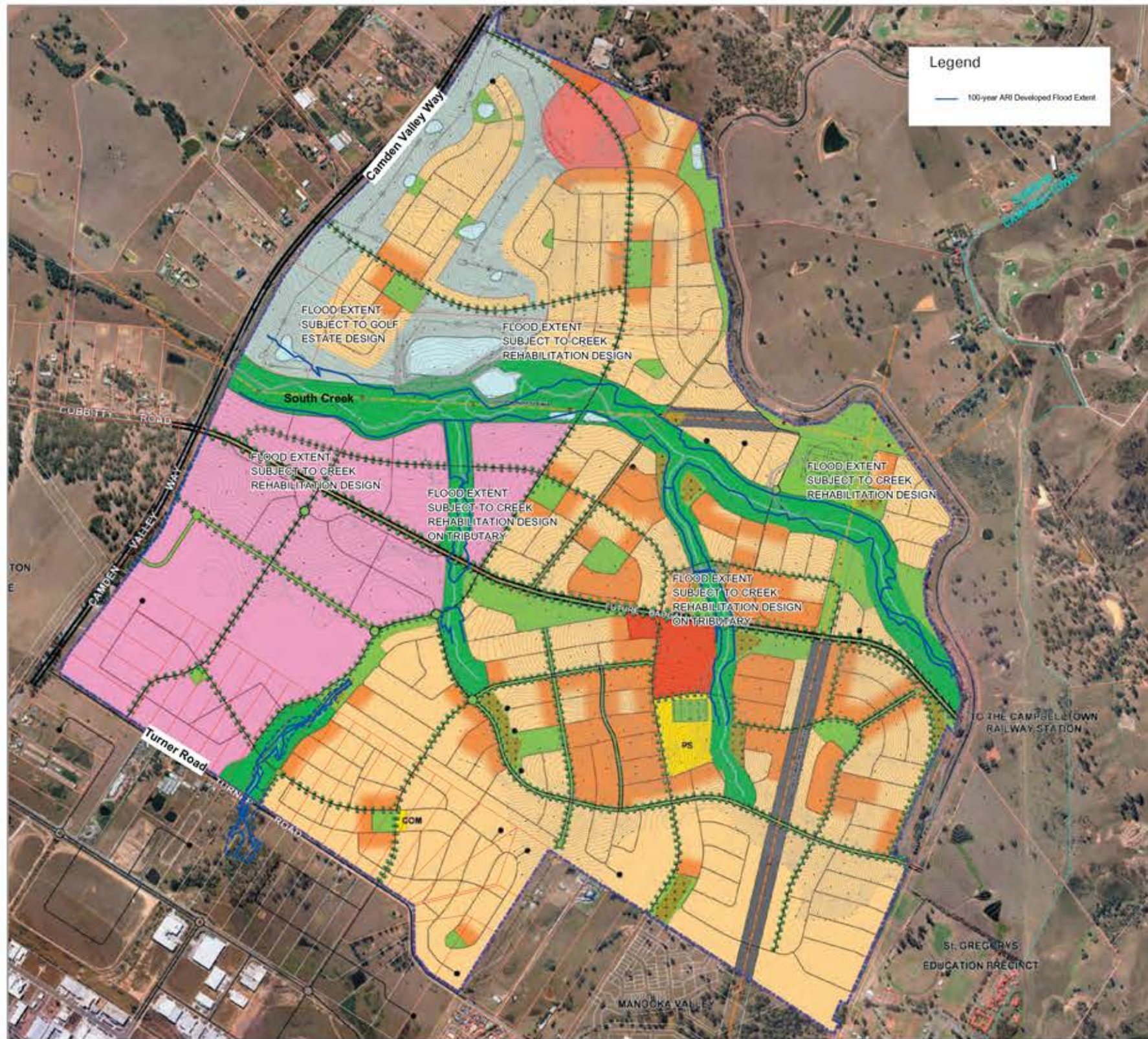


Figure 27 – Post development flood extent

Source: GHD