

ATTACHMENT E - Lyall & Associates report

- Update the flood model to:
 - take account of the blocking effects of buildings that are located upslope of the site
 - include details of the new stormwater drainage line;
 - define the nature of flooding under pre- and post-development conditions for storms with intensities of 20, 10, 5 and 1% AEP, as well as the PMF event.
- Results of the flood model are to be presented in a clear and consistent manner
- Preparation of figures for the design storm events discussed by Lyall and Associates
- A landscaped feature be made of the overland flow path
- 300mm freeboard to be provided to the 1% AEP
- New stormwater drainage line is to be sized to convey the peak 1% AEP flow
- Flow in excess of the new stormwater drainage line to be permitted to discharge in the same direction as its currently takes
- Provision be made along the common boundary with 6, 18 and 10 Kunari Place for flow in excess of the capacity of the new stormwater drainage line to be conveyed overland onto Darley Street West and thence to Kunari Place via the public thoroughfare
- The existing stormwater drainage line be upgraded downstream of the cul-de-sac in Darley Street West to cater for the 1% AEP flow discharging from the proposed development in addition to the flow in Council's existing stormwater drainage line