



Our ref: DOC21/389266

Senders ref: SSD 8865 Mod 1 (Liverpool)

Nathan Stringer
Senior Environmental Assessment Officer
Infrastructure Assessments
Planning and Assessment Group
Department of Planning, Industry and Environment
4 Parramatta Square, 12 Darcy Street
Parramatta NSW 2150

Dear Mr Stringer,

Subject: St Anthony of Padua Catholic School MOD 1, 125-165 Tenth Avenue and 140-170 Eleventh Avenue, Austral (SSD 8865)

Thank you for your e-mail received 12 May 2021, requesting input from Environment, Energy and Science Group (EES) in the Department of Planning, Industry and Environment (DPIE) on St Anthony of Padua Catholic School MOD 1, 125-165 Tenth Avenue and 140-170 Eleventh Avenue, Austral. The intention of the proposed modification is to provide amendments to the site layout approved under the Concept development approval as well the built form elements.

To assist DPIE, EES has reviewed the Modification Report and relevant documents and makes the following comments.

Biodiversity

The site is biodiversity certified. EES's previous comments were in relation to species selection for landscaping. According to the Landscape Master Plan on the website for this modification, the planting schedule includes a number of CPW species, and therefore is considered to be satisfactory.

Flooding

EES reviewed and commented on the previous documents for this SSD proposal in December 2019. The comments related to the emergency management requirements under the PMF Event and are still applicable. The north-eastern portion of the site will have early learning and kindergarten facilities. This area is a flood storage and will be subject to inundation with floodwater depth in the order of 0.5m to 1m under the PMF Event.

The proponent will need to develop an emergency management plan, in consultation with Council and SES, to eliminate any potential risks to children attending these facilities during major and rarer flooding events through provision of safe evacuation for children and staff members. A shelter-in-place strategy may be a possibility as the duration inundation is expected to be short.

The development site will be regraded which would have impacts on overland flow paths. The south-eastern portion will have higher elevation under the post-development condition, which would restrict overland flow paths and cause afflux in the order of 0.3m to 0.5m in the adjoining property under an 1% AEP Flood Event.

The adjoining property has limited extent of inundation under existing conditions and the floodwater depth is expected to be in the order of 0.1m to 0.3m under an 1% AEP Flood Event. The proponent should notify the changes in flooding conditions to the adjoining property owner and keep provisions for inter-allotment drainage to facilitate development in the future at the adjoining property.

Should you have any queries regarding this matter, please contact Bronwyn Smith, Senior Conservation Planning Officer on 9873 8604 or bronwyn.smith@environment.nsw.gov.au

Yours sincerely

A handwritten signature in black ink that reads "S. Harrison". The signature is written in a cursive, flowing style.

25/05/21

Susan Harrison
Senior Team Leader
Biodiversity and Conservation
Environment, Energy and Science