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Flood Risk Management – 1120 Barrenjoey Road, Palm Beach

Re: DA for proposed additional storey

I have examined the plans for the additional storey proposed to be built at 1120 Barrenjoey Road, Palm Beach.

The subject property has a flood hazard rating of Flood Category 3 – Overland Flow Path-Major. The major overland flow path extends into the western edge of the property. The RL of the Probable Maximum Flood (PMF) for 1120 Barrenjoey Road, Palm Beach is 3.1m AHD. The proposed extension, being above 6.0m AHD, will not be impacted by the PMF extent and will therefore not impact the flood hazard.

Floor levels of the proposed extension have been determined by level survey carried from PM 52391, AHD 2.18m, located a few metres from the front, south west corner of the property.

It is considered that the Northern Beaches requirement for a detailed flood risk management report is not needed for the proposed additions to the dwelling.

Dr Bruce C. Forster AM, B.Surv., M.Surv., M.Sc., PhD, FIE (Aust)

15th April, 2022