
From: DYPXCPWEB@northernbeaches.nsw.gov.au
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To: DA Submission Mailbox
Subject: TRIMMED: Online Submission

27/07/2023

MR Tim O Donnell
- 7 Elvina AVE
Newport NSW 2106
[REDACTED]

RE: DA2023/0885 - 30 Herbert Avenue NEWPORT NSW 2106

This submission is not to object to the proposed development per se but to highlight continuing concerns regarding the control of stormwater runoff from 30 Herbert Ave.

As has been noted in a previous submission on my behalf re DA2022/1516 about proposed landscape works worth in excess of \$200000 there is no additional provision for stormwater runoff control via this now approved DA despite the fact that with above normal rainfall events properties at numbers 5,7 and 9 Elvina Ave directly below 30 Herbert have experienced heavy stormwater runoff from this large property. There does not appear to be any formal drainage system in place at 30 Herbert so one has to assume that any stormwater runoff from guttering etc just runs onto the backyard and when this becomes saturated onto our land at numbers 5,7 and 9 Elvina Ave.

This new DA2023/0885 proposes significant alterations and additions to 30 Herbert to cost in excess of \$600000 and incorporates a formal stormwater runoff control plan.

On the commonly accepted basis of one litre of water collected for every one millimetre of rain over one square metre of impervious surface one inch or 25mm of rain will result in 15075 litres of runoff from the increased impervious surface area of 603.6 square metres which will result in overflow from the proposed OSD's capacity of 11660 litres of approx 3415 litres. I realise these are most probably somewhat theoretical figures but with additional feed into the OSD from new AG pipes etc there will certainly be overflow from the OSD with any sort of rainfall up to and/or exceeding 25mm which is not unusual here.

From the drainage diagrams supplied with this DA it appears that such overflow is either to be allowed to flow unhindered onto the existing natural backyard or possibly controlled by some sort of trench system the layout of which does not appear to be shown on any diagrams nor does its function seem to be specified, ie absorption, mitigation, dispersal etc.

The volume of this proposed trench work is shown to be 10.63 cubic metres which may be problematic as I have been advised by a civil engineer that the efficacy of trench mitigation on a slope is highly dubious and which is a view supported by other statutory bodies especially if the slope is over 10 degrees. The subject slope is 22 degrees.

I do not intend to over dramatize my concerns here but this new DA does introduce new elements which should be addressed.

Please do not publish either my email address nor my mobile number.
Thank you