

Response to DSD's comment on 31st July 2024

Item	DSD's comment	Response to comment
1	<p>The ground to the east/south/north of the application site is generally/significantly higher. Since the overland flow from adjacent lands shall be probably intercepted, external catchment shall be considered in the calculation. Please justify the extent of the external catchment included in the DIA.</p>	<p>The catchment area for the overland flow intercepted from adjacent lands is considered in the calculation in this resubmission.</p>
2	<p>The existing stream for discharge of the runoff from the application site is not maintained by DSD. The applicant shall resolve any conflict/disagreement arisen from discharging the runoff from the application site to the proposed discharge point(s). Moreover, the applicant should ensure that this drainage system and the existing downstream drains/channels/streams have adequate capacity to convey the additional runoff from the application site. Regular Maintenance including the existing stream should be carried out by the applicant to avoid blockage of the system. In the case that it is a local village drains, District Officer (Yuen Long) should be consulted.</p>	<p>Noted.</p>
3	<p>The existing stream will discharge to a box culvert (not maintained by DSD). Please demonstrate with hydraulic calculation that the existing box culvert is adequate to collect, convey and discharge the surface runoff accrued on the application site and the overland flow intercepted from adjacent lands.</p>	<p>The hydraulic calculation of the existing box culvert is carried out and found adequate to collect and discharge the surface runoff accrued on the application site and the overland flow intercepted from adjacent lands.</p>

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4	Further to (3) above, since there is no record of the said box culvert, please provide site photos to demonstrate its presence and existing condition.	The photo of the existing box culvert is appended in Appendix C of DIA report in this resubmission.
5	Cross sections showing the existing and <u>proposed</u> ground levels of the application site with respect to the adjacent areas should be given.	It is noted that no filling and excavation works would be carried out in the application site. Cross sections showing the existing ground levels of the application site with respect to the adjacent areas are provided on the drainage plan in this resubmission.
6	Where walls or hoardings are erected/laid along the site boundary, adequate opening should be provided to intercept the existing overland flow passing through the site.	100mm opening at 1m c/c at the bottom of walls or hoarding if any would be provided and indicated on general notes of drainage plan in this resubmission.
7	The development should neither obstruct overland flow nor adversely affect existing natural streams, village drains, ditches, adjacent areas, etc.	Noted.
8	The applicant shall resolve any conflict/disagreement with relevant lot owner(s) and seek Lands Department's permission for laying new drains/channels and/or modifying/upgrading existing ones on other private lots or Government land (where required) outside the application site.	Noted.