

Application No. A/YL-KTS/957

Temporary Open Storage of Freezer Vehicles, Air-conditioned Compartments and Spare Parts of Cooling Machinery Components for Vehicles for Sale, and Installation and Maintenance Workshop for Freezer Vehicles for a Period of 3 Years

at

Lots 401 (Part), 404 (Part), 405 RP (Part), 406 RP, 408 RP (Part), 409 and 410 (Part) in D.D. 106, Pat Heung, Yuen Long, New Territories

R-to-C Table

Sep 2023

	Comment from DSD	Responses
1)	The ground to the east and north of the application site are generally higher. Since the overland flow from the adjacent lands shall be probably intercepted, external catchment shall be considered in the calculation.	- External catchment area has been considered in the runoff calculation and checking of drainage system. The calculation is attached in this submission.
2)	Please advise the size and gradients of the peripheral surface channels and demonstrate with hydraulic calculation that the proposed drainage facilities are adequate to collect, convey and discharge the surface runoff accrued on the application site and the overland flow intercepted from the adjacent lands.	- The size and gradients of the peripheral surface channels and demonstrate with hydraulic calculation have been provided, please find attached calculation and drawings
3)	Cross sections showing the existing and proposed ground levels of the captioned site with respect to the adjacent areas should be given.	- The cross sections have been provided to show the existing and proposed ground levels of the captioned site with respect to the adjacent areas
4)	The gradients and the sizes of the proposed U-channels should be shown on the drainage plan.	- The gradients and the sizes of the proposed U-channels have been shown on the revised drainage plan.

5)	Please clearly indicate the details of openings (e.g. size, arrangement, etc.) to be provided to intercept the existing overland flow passing through the site on the drainage plan/cross section drawings.	<ul style="list-style-type: none"> <li>- Details have been provided on the revised drawings.</li> <li>- The fencing provided clearance (min. 50mm) above ground level to intercept the existing overland flow passing through the site</li> </ul>
6)	Please provide the connection details to the existing culvert for comments. Please note that the existing watercourse, to which the applicant proposed to discharge the stormwater from the subject site was not maintained by this office. The applicant should identify the owner of the existing drainage facilities and obtain consent from the owner prior to commencement of the proposed works. In the case that it is a local village drains, DO/YL should be consulted.	<ul style="list-style-type: none"> <li>- Underground drain pipe is now proposed to be the discharge of stormwater drain from the subject site.</li> <li>- Noted, DO/YL will be consulted.</li> </ul>
7)	Further to (6) above, since there is no record of the said discharge path, please provide site photos to demonstrate its presence and existing condition.	<ul style="list-style-type: none"> <li>- Site photos have been provided in Appendix of the drainage proposal.</li> </ul>
8)	Please note that catchpit/manhole should be provided at the location with sharp change of flow direction for maintenance.	<ul style="list-style-type: none"> <li>- Catchpit and sand trap have been provided.</li> </ul>
9)	The applicant should check and ensure the hydraulic capacity of the existing drainage facilities would not be adversely affected by the captioned development.	<ul style="list-style-type: none"> <li>- The hydraulic capacity of the existing drainage facilities provide service for the catchment area of the subjected site area and the external catchment area.</li> <li>- It would not be adversely affected by the captioned development</li> </ul>
10)	The development should neither obstruct overland flow nor adversely affect existing natural streams, village drains, ditches and the adjacent areas, etc.	<ul style="list-style-type: none"> <li>- Noted.</li> </ul>
11)	The applicant should consult DLO/YL and seek consent from the relevant owners for any drainage works to be carried out outside his lot boundary before commencement of the drainage works.	<ul style="list-style-type: none"> <li>- Noted.</li> </ul>