Responses-to-Comments Table

Date	Department	Comments	Responses
12.7.2023	Agriculture, Fisheries and Conservation Department (AFCD)	Regarding the impact on avifanua, it is noted that flight path survey were conducted in March to May 2023. While it is agreed that the subject site is not a major flight path for ardeids as only two Chinese Pond Heron were recorded throughout the survey period, please elaborate on the potential impact on the remaining bird species.	The potential impact on the remaining bird species was elaborated in section 4.3 (See **Appendix 1**).

Date	Department	Comments	Responses
10.7.2023	Drainage Services Department (DSD)	1. Other than the water from the upstream of the watercourse, it is acknowledged that the subject watercourse within the site may drain flows from adjoining sub-catchments. As such, any change in site topography would be crucial in consideration of the drainage impact to the surrounding. Please supplement the existing topography and the proposed site formation plan for review and consideration.	Proposed level is indicated in figure 1-1. The existing topography is Attached (see **Appendix 2**). The overall flow path within the site is still from northeast tosouthwest after the development. Runoff collected from Catchment C3 in the southeast of the proposed site will follow existing flow path and collected to the proposed drainage layout as shown in figure 3-2 and drain together with runoff from Catchment C2 (Site) (see **Appendix 3**). The overland flow from the northwest of the site will follow the existing flow path and flow to the existing watercourse near the boundary of the Site. Based on the topography, the flow path of adjoining sub-catchments will not be affected adversely after the development.
		2. It was advised that no piling would be placed on the watercourse, nevertheless, the foundation and site formation works within the proposed site would likely alter the site setting and hence affect the existing flow path towards the subject watercourse. Please supplement the proposed structural layout and section of the elevated platform, as well as site formation plan for the proposed development for review and consideration to demonstrate that no adverse impacts on the existing flow would be caused.	Sectional views of the site are provided in Appendix F (see **Appendix 3**). They include the proposed structural layout and section of elevated platform. It showed that no pilling would be placed on the watercourse. Runoff collected from Catchment C3 in the southeast of the proposed site will follow existing flow path and collected to the proposed drainage layout as shown in figure 3-2 and drain together with runoff from Catchment C2 (Site) (see **Appendix 3**).

Date	Department	Comments	Responses
			The overland flow from the northwest of the site will follow the existing flow path and flow to the existing watercourse near the boundary of the Site. Please refer to updated figure 3-1 for the existing watercourse near the boundary of the site (see **Appendix 3**). Based on the above information, the proposed development will not cause adverse impacts on the existing flow.
		3. Appendix B: From the proposed drainage mechanism presented in this appendix, it is envisaged that the storage scheme would be effective in storing additional runoff due to the development if the u-channel in Section A-A is delicately designed so that the flow capacity would be at a capacity less or equal to the existing system such that the overflow could be captured by the system without spilling out and cause flooding around the channel and catchpit / manhole. Otherwise, additional flow discharge would still be discharged to the downstream through this u-channel bypassing the proposed storage system regardless of the scale and dimension of the proposed storage tank. Please kindly re-evaluate the effectiveness of such scheme in achieving the designed purpose. Nevertheless, please explain the design flow output maximum at 0.187m3/s for the pumping system.	The drainage layout design has been revised, please refer to revised section 3.6, figure 3-2 and Appendix D (see **Appendix 3**). The design flow output is based on the existing runoff of Catchment C2 and C3 in the revised drainage layout. The U-channel capacity is based on existing runoff Catchment C2 and C3. No extra flow will be allowed to discharge to the downstream. The U-channel at MH7 and MH15 has been designed such that there is a weir to allow flow exceeding the capacity to be discharge into the manhole and subsequently collect into the storage tanks. It should be noted that another storage tank is provided to increase the storage capacity. With 15% contingency buffer allowed in the tank, adverse drainage impact is not anticipated.