

## Response to Comments

PROPOSED TEMPORARY PUBLIC VEHICLE PARK (EXCLUDING CONTAINER VEHICLE) WITH ANCILLARY ELECTRIC VEHICLE CHARGING FACILITY FOR A PERIOD OF THREE YEARS AND ASSOCIATED FILLING OF LAND IN "AGRICULTURE" ZONE

LOTS 665 S.A., 666 S.A., 667, 669, AND 685 OF D.D. 90, MAN KAM TO, NEW TERRITORIES

Departmental Comments	Applicant's Response
<p><b><u>Comments from Environmental Protection Department</u></b></p> <p>Adequate space shall be reserved for installation and maintenance of the EV chargers especially the 100kW DC quick chargers which are quite bulky. In connection with this, the proposed locations of the EV chargers shall also be indicated in the site layout plan.</p>	<p>Attached please find the revised site layout plan with locations of the quick chargers. 3 quick chargers is proposed to be installed for the 4 DC charging spots, with one being a station with 2 guns, allowing for simultaneous charging of up to 2 cars. The dimensions of the chargers are 866 x 2479 x 1050 mm (WxHxD), and adequate space is reserved for installation and maintenance.</p>
<p><b><u>Comments from Environment and Ecology Bureau</u></b></p> <p>We note from P.5 of the applicant's response to comments that the applicant will leave ample space for the possibility of installing EV chargers for coach and light bus parking spaces. In connection with this, apart from reserving sufficient spaces, the applicant shall also consider reserving sufficient power supply for the future installation of EV chargers for the coach and light bus parking spaces.</p>	<p>Noted. The potential power supply requirements for future installation of EV chargers for coach and light bus parking spaces will be taken into consideration.</p>
<p><b><u>Comments from Drainage Services Department</u></b></p> <p>1. It is noted that your site inspections were carried out in dry season, please advise the situation of the existing streamcourse within the site area in wet season, especially after rainstorm events.</p>	<p>Attached are photos taken on 29/4/2024 (Photo 1- 8), along with map of photo locations and angle (Figure 1). There were heavy rains in the week prior, and an amber rainstorm warning hoisted 3 days ago on 26/4/2024. Site inspections shows that although the land is damp from the rainfall, there are still no signs of running water or streamcourse as indicated on the maps. The entire area is covered in overgrown vegetation, and further inspection shows that the area in the vicinity of the indicated streamcourse is actually soil ground as shown in attached picture (Photo 04).</p>
<p>2. Please advise if the external catchment area to the east side of the proposed development is considered in the drainage proposal</p>	<p>Although the east side of the proposed development has a higher elevation, the area has been developed and is completely fenced off, and has no opening to the proposed site, other than the streamcourse. Therefore, we assume the runoff from that catchment area is</p>

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	drained into the streamcourse, and there are no overland flow to the site from the east side.
<p>3. Please advise the utilization of the proposed 450mm U-channel and the 450mm pipeline. It is mentioned in Section 3.1 that 450mm surface U-channel in 1:100 gradient is adopted, however, U channel with various gradient is presented in the Figure 3, please review</p>	<p>The drainage proposal has been revised and we propose to utilize various U-channels, including a) 450mm U-channel in 1:100 gradient, b) 150mm U-channel in 1:30 gradient, c) 150mm U-channel in 1:50 gradient, and a 450mm pipeline as detailed in the revised drainage plan in Figure 4 of the Drainage proposal. Calculations are included in the proposal to demonstrate the adequacy of each section.</p>
<p>4. Section 3.3 refers. Please state the assumptions made under the checking for the streamcourse in the northern side of the development.</p>	<p>We assume the natural streamcourse is a straight, natural stream with weeds and stones, and in fair condition. Please find attached revised drainage proposal with the assumptions made.</p>
<p>5. Please provide the alignment and details of the fencing wall with the openings in the drainage proposal and review the adequacy of 10cm gaping for the passage of overland flow during rainstorm event.</p>	<p>The drainage proposal has been updated to include the alignment and details of the fencing wall with opening, and the calculations showing the adequacy of the 10cm gaping for the passage of overland flow during a 50-year rain.</p>

Figure 1 Site Photo Locations 29/04/2024

