

Comment from Transport Department 27/09/2024

1. The applicant should provide the surveyed flow at Dao Yang Road and assess the v/c ratio of Dao Yang Road

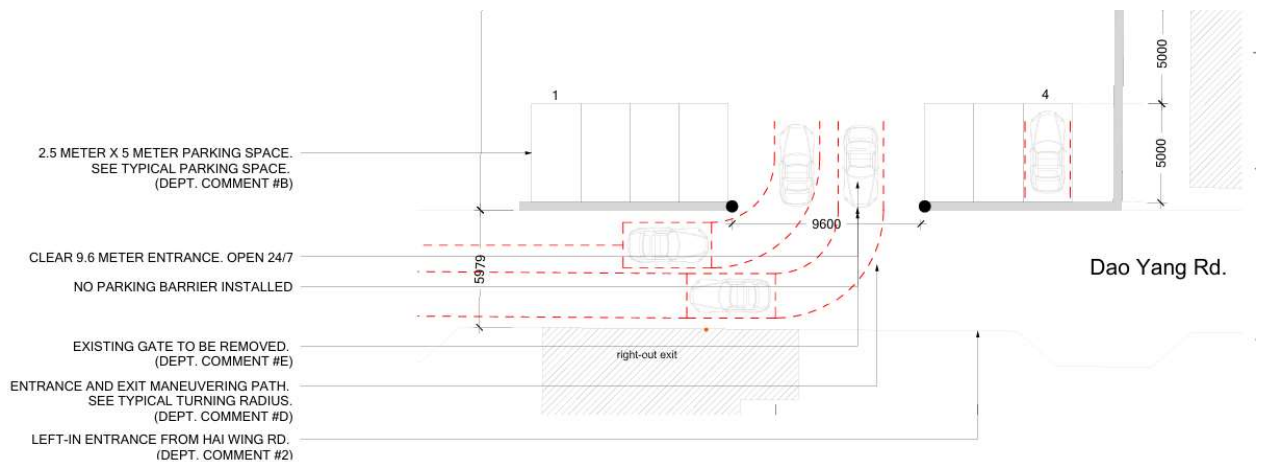
V/C Ratio

- Formula V/C Ratio = Traffic Volume / Road Capacity
- Estimated Dao Yang Road capacity: 300 vehicle/hour
- V/C high estimate: (16 trips / (300 vehicle/hour)) = 0.053
- Both ratios indicate that the traffic generated by the proposed car park is significantly lower than the road capacity, suggesting minimal impact on traffic flow on Sha Tau Kok Road. A V/C ratio below 0.1 is typically considered acceptable, indicating that the proposed car park will not create congestion.

*see attached 交通流量預算.pdf document for survey result

2. The applicant shall advise measure to ensure there is no queuing of vehicle to exit at the same time

The 9.6-meter entrance remains open around the clock to prevent any lines of vehicles from forming when entering or exiting the premises. There are no automatic barrier gates installed

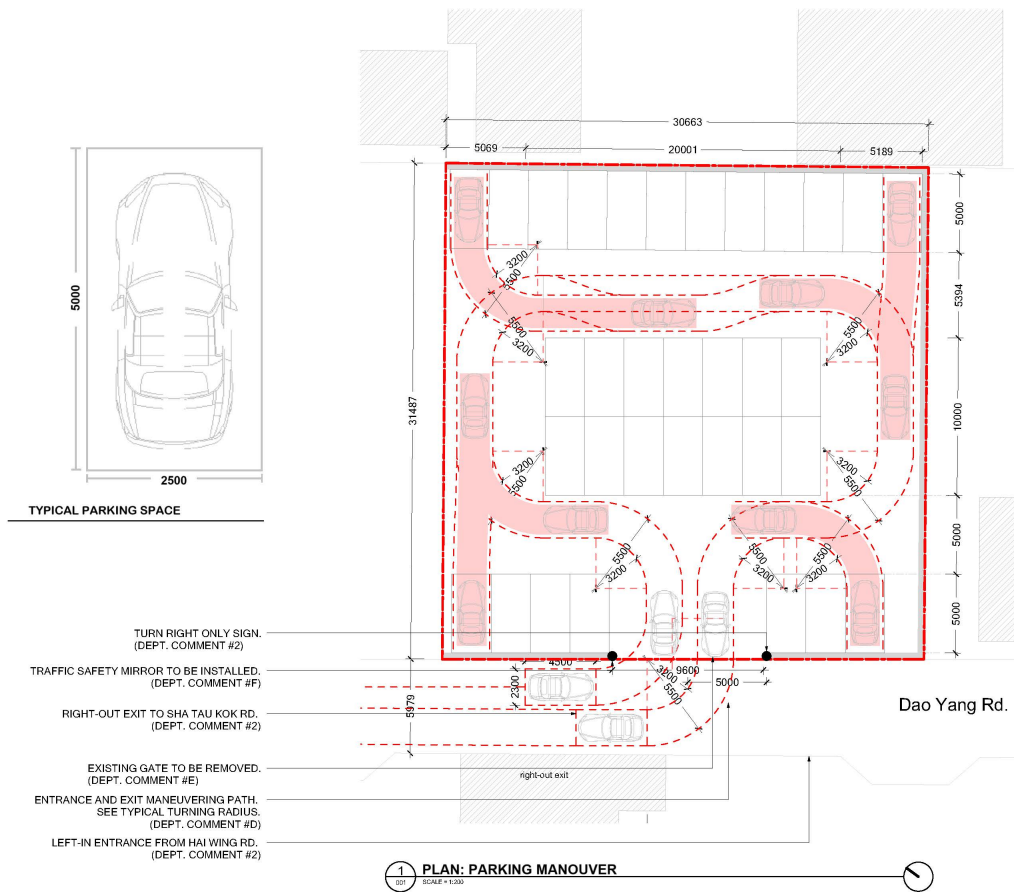


3. The vehicular access should be wide enough for a vehicle to enter and another vehicle to exit at the same time

See response and attached drawing at #2

4. For the swept path analysis, a continuous profile of the outline of the vehicle should be shown instead of just showing the discrete positions

See drawing



申請地點設有 34 個私家車泊車位 (每個面積 5 米 x 2.5 米) ，申地點內設有迴旋交通線路，供車輛迴旋找停泊位置。除了上述用途，申請地點並無其他運輸工作。出現的汽車流量都在預計之內。車次流量有限，對附近交通不會構成壓力。總括而言，車輛流量穩定，不會有其他運輸工作，故此車輛流量都可在預計之內。以下是

申請地點的交通流量預算，詳細如下：

時段	沙頭角公路 (往香園圍方向)	沙頭角公路 (往聯和墟方向)	道揚路 (出：沙頭角公路)	沙頭角公路 (入：道揚路)
00:00 - 01:00	0	0	0	0
01:00 - 02:00	0	0	0	0
02:00 - 03:00	0	0	0	0
03:00 - 04:00	0	0	0	0
04:00 - 05:00	0	0	0	0
05:00 - 06:00	0	0	0	0
06:00 - 07:00	0	0	0	0
07:00 - 08:00	165	142	10	8
08:00 - 09:00	235	246	19	16
09:00 - 10:00	241	265	17	23
10:00 - 11:00	262	259	16	17
11:00 - 12:00	281	278	14	19
12:00 - 13:00	0	0	0	0
13:00 - 14:00	0	0	0	0
14:00 - 15:00	0	0	0	0

時段	沙頭角公路 (往香園圍方向)	沙頭角公路 (往聯和墟方向)	道揚路 (出：沙頭角公路)	沙頭角公路 (入：道揚路)
15:00 - 16:00	0	0	0	0
16:00 - 17:00	259	261	18	16
17:00 - 18:00	252	245	17	18
18:00 - 19:00	246	250	15	21
19:00 - 20:00	0	0	0	0
20:00 - 21:00	0	0	0	0
21:00 - 22:00	0	0	0	0
22:00 - 23:00	0	0	0	0
23:00 - 24:00	0	0	0	0

以上數字為目測及預算車輛進出場地記錄，

假設當天附近地區沒有交通事故，進出場地車輛數量正常。

申請地點設有 34 個私家車泊車位，主要供馬料水新村及附近道揚路的住戶使用，他們一般都有特定的進出時間，例如：上班 / 下班 / 上學 / 放學時段。按實際情況估計，有 駕次 的時段每小時實際只會有 16 - 23 駕次私家車汽車流量，主要集中於 07:00-12:00、16:00-19:00，車輛流量極為穩定，絕對不會出現同一時段有 34 輛車進出的情況。