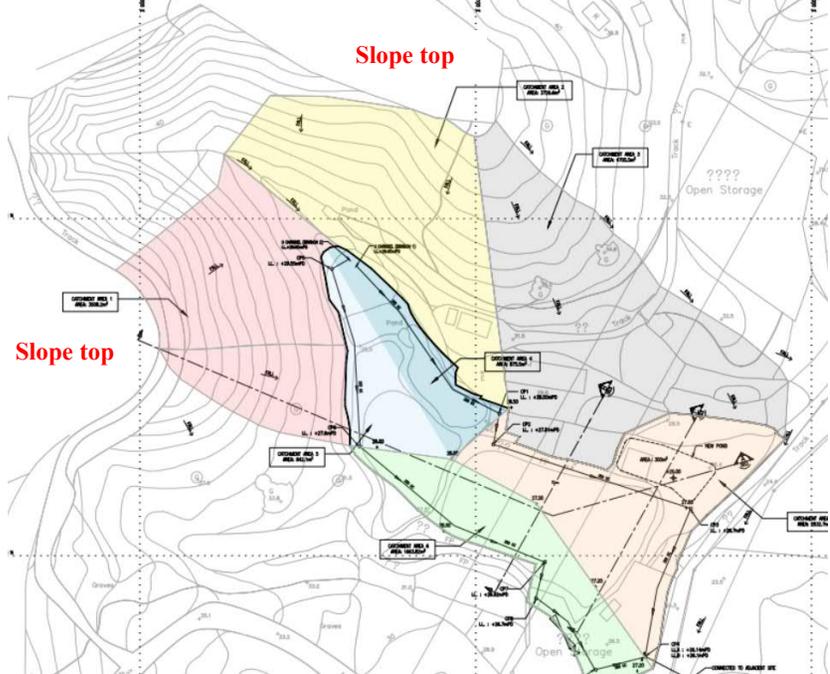


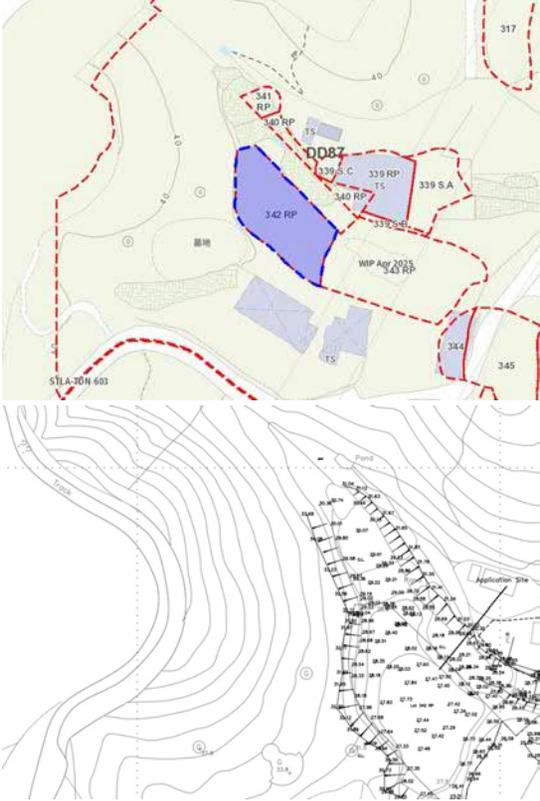
Summary of Comments and Responses

Project:	Drainage Consultancy Services for S.16 Planning Application at Lot Nos. 342 RP (Part) and 343 RP in D.D. 87, North New Territories, Hong Kong	Contract No.:	P24227 (Our Ref)
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Submission Reviewed:	Comments on the Drainage Proposal	Date:	05 March 2026
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Item and reference	Comments	Wing's Response
1.	For Section 5.1 and Drawing Nos. WNG/24227/C/DRA/001. Please advise the final drainage discharge point and further drainage downstream, as the flow path cannot be identified. The applicant should check and ensure that the existing drainage downstream to which the proposed connection will be made has adequate capacity and satisfactory condition to cater for the additional discharge from the captioned site. He should also ensure that the flow from this site will not overload the existing drainage system.	The additional discharge from the development is proposed to be directed to the adjacent Lot 361RP. The drainage impact on downstream areas was assessed using InfoWorks and the result indicate there are little to no effect to the downstream capacity. The details result can be found in Appendix E.
2.	For Section 3.2 and Drawing Nos. WNG/24227/C/DRA/001. Please clarify if the drainage system within the site will be connected to the new pond. The flow path indicated on the drawing is not aligned with the statement.	The new pond in the previous submission will be reconstructed as a stormwater storage tank in this submission. Excessive stormwater will flow into the tank thereby temporarily storing incoming peak flows. Serving as a measure to reduce the peak discharge to downstream areas.
3.	For clarity, please provide the flow path comparison before and after the development for reference.	Please refer to Section 4.5 of the proposal for the flow path comparison. Since the development did not change the surrounding terrain. The flow path is basically unchanged.
4.	It is noted that a new pond is proposed to be excavated on Government Land. Please advise whether it is within the application area. The applicant should obtain prior consent and agreement from the District Lands Officer / North and/or relevant private lot owners/stakeholders in the surrounding areas for the proposed works.	Please refer to the revised layout (Figure 3 refers). Please note that no pond is proposed within the application site. THE applicant will obtain prior consent and agreement from the District Lands Officer / North and/or relevant private lot owners in the surrounding areas for future proposed works.

Item and reference	Comments	Wing's Response
5.	The design of the proposed new pond is missing. Please provide it. In particular, please advise the volume of the proposed new pond and the methodology used to derive its volume.	<p>Similar to response no.2, the previously proposed pond has been replaced with a stormwater storage tank in this submission. The original pond, located in the middle of the lot, had an approximate volume of 100m³. The newly designed tank has a volume of 450m³, offering substantially greater capacity for water retention.</p> <p>As detailed in the calculations provided in Appendix C, the tank is capable of receiving and storing the peak flow for a duration of 33 minutes.</p>
6.	For appendix C, please justify the "Affected Area (catchment)" assigned for each branch of the drainage U-channels, in conjunction with the post-development ground levels and corresponding flow paths.	 <p>According to the survey, the lot is bordered by two slope tops which serve as the primary source of external stormwater runoff. Runoff from the left slope top is designated as Catchment 1, while runoff from the northern slope top is divided into two flow paths, designated as Catchments 2 and 3.</p> <p>To ensure a conservative assessment, all external catchments (1-3) have been intentionally overestimated in size.</p>

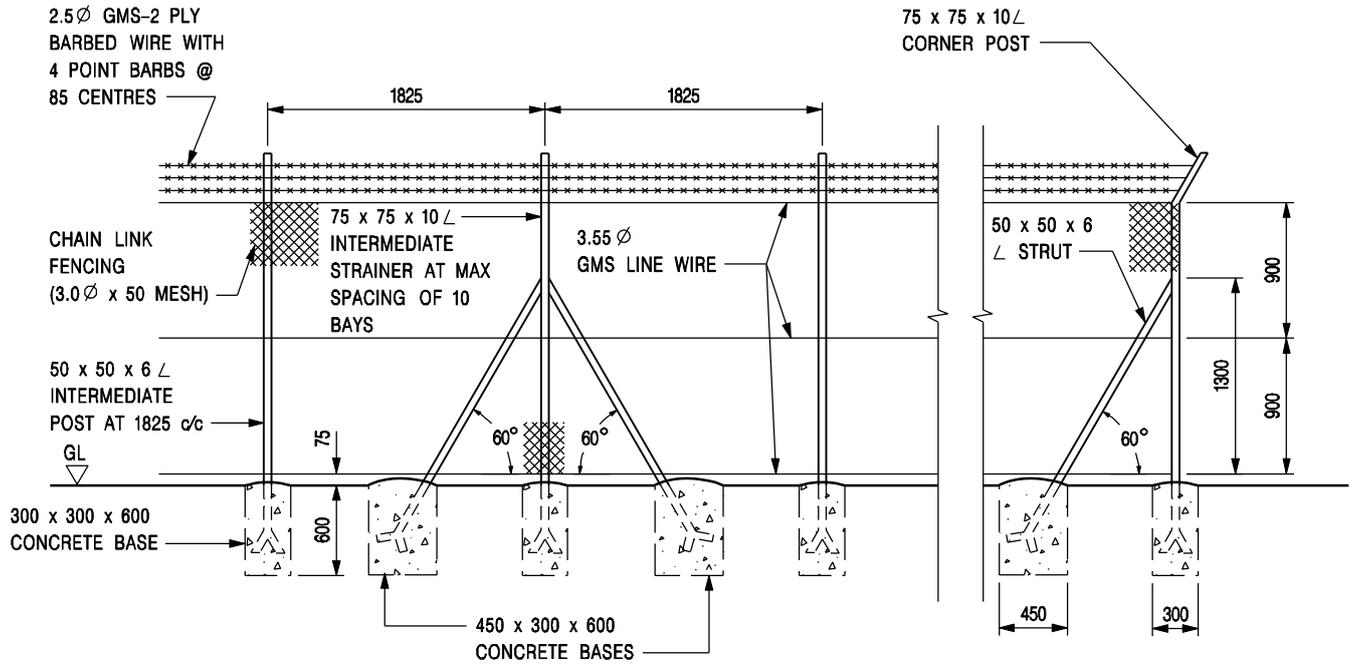
Item and reference	Comments	Wing's Response
7.	<p>For appendix D, please advise the principle used to demarcate Catchment Area 1. According to records, there is an existing streamcourse within Catchment Area 1. Please review if the current estimate of the external catchment area and incoming flow is adequate.</p>	 <p>From the record in GEOINFO and our topographic survey, there are no record of existing streamcourse. Therefore, the current estimation for catchment area 1 is adequate.</p>
8.	<p>For appendix D, the section views are missing. Please supplement them. Please also include the ground profile of the external catchment area in the section view for reference.</p>	<p>Section views are supplemented in Appendix D.</p>

Item and reference	Comments	Wing's Response
9.	Please advise whether any land filling and construction of boundary walls are proposed. If yes, please show on a layout plan the alignment of the boundary walls and the existing and proposed ground levels, and assess whether the change in surface elevation and/or the erection of boundary walls will impede or alter the existing overland flow from adjacent catchments to the downstream drainage system. Please provide typical details of the proposed fencing to facilitate the existing overland flow from the external catchment area.	Boundary chain-link fence is proposed as part of the development. A minimum 75mm gap has been provided for the proposed chain-link fence wall, in addition, the hollow nature of the fence prevents any obstruction to the existing overland flow paths. Details of the proposed chain-link fence can be found referred to the attached CEDD Standard Drawing Any surface runoff entering the site through these gaps will be collected by the proposed internal drainage network, which has sufficient capacity to convey these flows for proper discharge downstream. Therefore, there will be no adverse impact on overland flow from adjacent catchments.
10.	No land filling on site shall be allowed until the flood mitigation measures have been implemented to the satisfaction of the Drainage Services Department.	Noted. We confirm that site filling will only proceed following the satisfactory implementation of all required flood mitigation measures.
11.	The applicant shall take all precautionary measures to prevent any disturbance, damage, and pollution from the development to any parts of the existing drainage facilities in the vicinity of the lots. In the event of any damage to the existing drainage facilities, the applicant shall be held responsible for the cost of all necessary repair works, compensation, and any other consequences arising therefrom.	Noted. We will implement all necessary precautionary measures during design and construction to protect the existing drainage facilities.
12.	The applicant should be reminded to minimize the possible adverse environmental impacts on the existing watercourse in their design and during construction. The Director of Environmental Protection and the Director of Agriculture, Fisheries and Conservation should be consulted on possible environmental and/or ecological impacts of the development.	Noted. We will minimize environmental impacts on the watercourse and relevant authorities will be consulted on environmental matters.
13.	The proposed drainage works, whether within or outside the site boundary, should be constructed and maintained properly by the applicant, and the applicant should rectify the system if it is found to be inadequate or ineffective during operation at their own expense.	Noted. We will ensure the drainage system is built and maintained to perform effectively, with any necessary future upgrades undertaken at our own cost.
14.	For works to be undertaken outside the lot boundary, the applicant should obtain prior consent and agreement from the District Lands Officer / North and/or relevant private lot owners.	Noted. Necessary approvals will be secured from the relevant land authorities or lot owner.

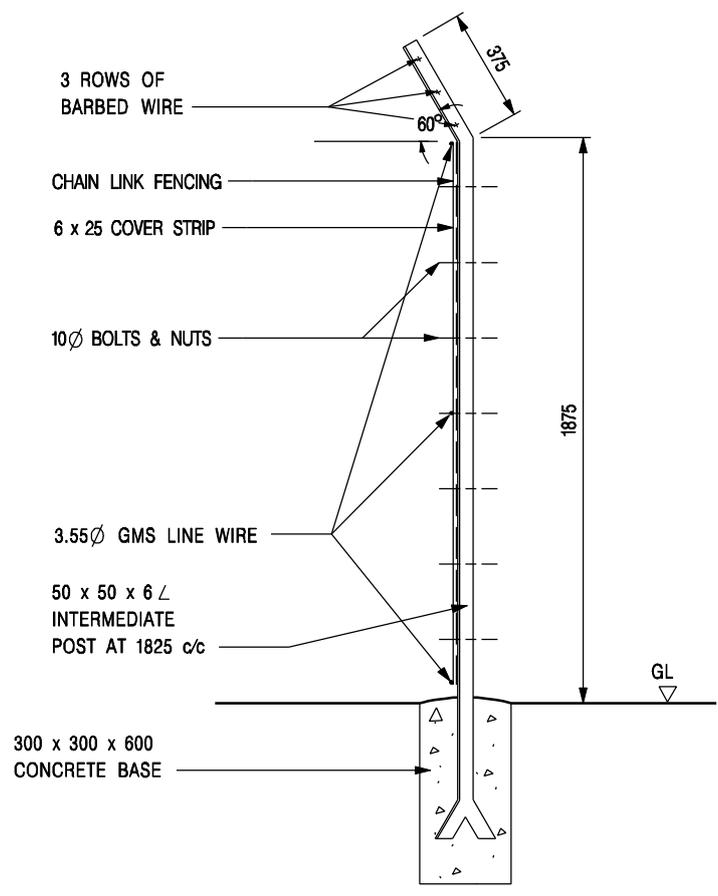
Contract No.: P24227 (Drainage Consultancy Services for S.16 Planning Application at Lot Nos. 342 RP (Part) and 343 RP in D.D. 87, North New Territories, Hong Kong

Item and reference	Comments	Wing's Response
15.	The applicant shall allow free access at all times for the Government and its agents to conduct site inspections of their completed drainage works.	Noted. Unrestricted site access will be arranged for government representatives to inspect the drainage system.
16.	The applicant and the successive lot owners shall allow connections from the adjacent lots to the completed drainage works on Government Land when so required.	Noted. We will facilitate the process should any connections from adjacent lots be required in the future.

CEDD Standard Drawing C1006C - Chain Link Fence



**ELEVATION OF INTERMEDIATE POST
INTERMEDIATE STRAINER & CORNER POST**
(SCALE 1 : 50)



INTERMEDIATE POST
(SCALE 1 : 25)

NOTATION :

GMS - GALVANIZED MILD STEEL

NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL CONCRETE SHALL BE GRADE 20 /20. THE USE OF RECYCLED AGGREGATES SHALL BE CONSIDERED.
3. ALL POSTS AND FENCES SHALL BE HOT DIP GALVANIZED TO BS EN ISO 1461.
4. WELDS SHALL BE WIRE BRUSHED AND PAINTED WITH TWO COATS OF ALUMINIUM MASTIC PAINT.
5. ALL STEELWORK SHALL BE OF GRADE S275 TO BS EN 10025.

C	NOTE 5 AMENDED	Original Signed	09.2018
B	NOTE 3 AMENDED; NOTE 5 ADDED	Original Signed	03.2015
A	NAME OF DEPARTMENT AMENDED	Original Signed	02.2005
REF.	REVISION	SIGNATURE	DATE

CHAIN LINK FENCE

 CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT	
SCALE AS SHOWN	DRAWING NO.
DATE JAN 1991	C1006C