

TREE GROUP INSPECTION REPORT FOR

LOT NO. 478 S.A. RP, 479, 487, 484 & 482 IN

D.D. 90

Ms. Lee Hiu Wa



ISA Certified Arborist (HK-1104A)

Tree Management Personnel

Registration Scheme

Arborist (TM522127)

Tree Risk Assessor (TM522127)

Tree Work Supervisor (TM522127)

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1. Introduction

The land owner was instructed to perform tree inspection service so as to examine the target trees inside the LOT NO. 478 S.A. RP, 479, 487, 484 & 482 IN D.D. 90. This tree group inspection report describes the inspection methodology, the results, Arborist's recommendations and conclusion.

2. Methodology

An ISA Certified Arborist was assigned to conduct a tree inspection at the site on 2 July, 2024.

Thorough visual inspection of the trees was conducted by the Arborists from various vantage points on the ground to examine the subject trees. Within the designated site boundary, all living trees (in some case large tree-form shrubs) with a main trunk equal to or over 95 mm in Diameter at Breast Height (DBH) were included in the tree survey (AFCD Practice Note No. 2 / 2006). Each tree was allocated and tagged with a tree number, and its position was plotted on plans. They were then identified (1) to species, or in some cases to genus if full identification was not possible. Measurements were taken of its trunk diameter, height and spread, with a photograph taken. The report includes the following information on each tree surveyed:

- Tree No. (numbers allocated to individual trees);
- Tree Species Name (Scientific Name and Chinese Name);
- DBH at 1.3m above Ground level (mm);
- Crown spread (m);
- Overall Height (m);
- Amenity Value (High/Medium/Low);
- Form (Good/Fair/Poor);
- Health Condition (Good/Fair/Poor);
- Structural Condition (Good/Fair/Poor);
- Suitability for Transplanting (High/Medium/Low);
- Origin;
- Remarks (special features of particular trees)

3. General Descriptions on Existing Trees

There are 50 trees surveyed in site. For the composition of the surveyed trees, it is composed of 15 species. *Ficus hispida* (對葉榕) was the dominant species with the quantities of 9. More information is shown in the Table 3.1.

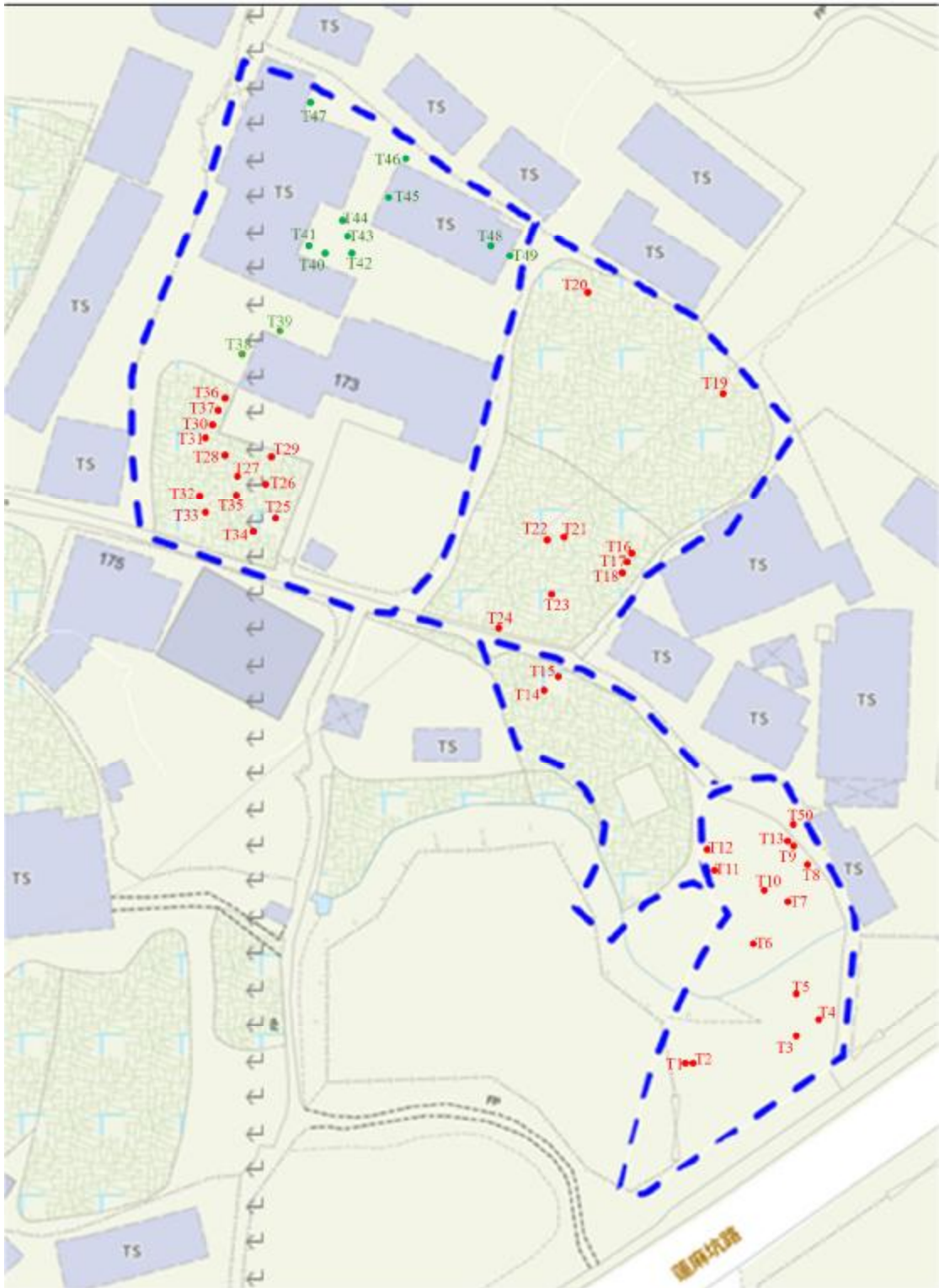
Table 3.1: Individual Surveyed Trees Species & Quantities

Scientific Name	Recommendation	Conservation Status	Quantities
<i>Aporusa dioica</i>	Retain	-	1
<i>Artocarpus heterophyllus</i>	Retain	-	1
<i>Artocarpus heterophyllus</i>	Fell	-	1
<i>Canarium album</i>	Retain	-	2
<i>Celtis sinensis</i>	Fell	-	2
<i>Clausena lansium</i>	Retain	-	1
<i>Delonix regia</i>	Retain	-	1
<i>Dimocarpus longan</i>	Retain	-	5
<i>Dimocarpus longan</i>	Fell	-	3
<i>Dyopsis lutescens</i>	Fell	-	4
<i>Eriobotrya japonica</i>	Fell	-	1
<i>Ficus hispida</i>	Fell	-	9
<i>Lagerstroemia indica</i>	Fell	-	1
<i>Leucaena leucocephala</i>	Fell	-	6
<i>Macaranga tanarius</i> var. <i>tomentosa</i>	Fell	-	8
<i>Mangifera indica</i>	Fell	-	2
<i>Sterculia lanceolata</i>	Retain	-	1
<i>Sterculia lanceolata</i>	Fell	-	1
Total Quantity of Surveyed Trees:			50

Review the proposed layout plan, the site would be fully occupied by proposed structure. There is not adequate space for health growth of the compensatory trees to their mature size.

Please refer to Appendix A for Tree Location Plan, Appendix B for General View, Appendix C for Tree Survey Schedule and Appendix D for Tree Photographic Records.

Appendix A-Site Plan



Appendix B – General View





Appendix C – Tree Survey Schedule

Location: Lot no. 478 S.A. RP, 479, 487, 484 & 482 in D.D. 90

Date of Inspection: 2024/07/02

Surveyed by: LEE HIU WA HK- 1104A

Tree No.	Tree Species		Tree Size Measurement			Amenity Value (High / Medium /Low)	Form (Good/ Fair/ Poor)	Health Condition (Good / Fair / Poor /Dead)	Structural Condition (Good/ Fair/ Poor)	Suitability for Transplanting (High/ Medium/ Low)	Origin	Remarks
	Scientific Name	Chinese Name	DBH(mm)	Overall Height (m)	Crown Spread (m)							
T1	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	130	6	4	Low	Poor	Fair	Poor	Low	Native	wound (trunk), restricted root, vine, tree trunk near T2
T2	<i>Leucaena leucocephala</i>	銀合歡	180	9	5	Low	Poor	Fair	Poor	Low	Exotic	wound (trunk), restricted root, vine, tree trunk near T1
T3	<i>Leucaena leucocephala</i>	銀合歡	110 + 170	6	4	Low	Fair	Fair	Fair	Low	Exotic	restricted root,, bent (trunk), vine
T4	<i>Ficus hispida</i>	對葉榕	140	4	3	Low	Fair	Fair	Fair	Low	Native	restricted root,, vine
T5	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	180	6	6	Low	Fair	Fair	Fair	Low	Native	wound (trunk), restricted root, vine, exposed root
T6	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	270	5	6	Low	Fair	Fair	Fair	Low	Native	wound (trunk), vine
T7	<i>Leucaena leucocephala</i>	銀合歡	100	7	4	Low	Fair	Fair	Fair	Low	Native	vine
T8	<i>Leucaena leucocephala</i>	銀合歡	18 + 33	9	8	Low	Fair	Fair	Fair	Low	Exotic	wound (trunk), restricted root, multi-trunks, vine
T9	<i>Leucaena leucocephala</i>	銀合歡	26	8	7	Low	Fair	Fair	Fair	Low	Exotic	restricted root, vine
T10	<i>Ficus hispida</i>	對葉榕	15 + 16 + 13	4	5	Low	Fair	Fair	Fair	Low	Native	restricted root, multitrunks, vine
T11	<i>Ficus hispida</i>	對葉榕	100	4	2	Low	Poor	Fair	Poor	Low	Native	wound (trunk), lean, bent (trunk), cracks, vine,
T12	<i>Ficus hispida</i>	對葉榕	110 + 160	4	4	Low	Poor	Fair	Poor	Low	Native	lean, codominant trunks, vine
T13	<i>Leucaena leucocephala</i>	銀合歡	270	8	7	Low	Poor	Fair	Poor	Low	Exotic	lean, restricted root, vine
T14	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	470	7	9	Low	Poor	Fair	Poor	Low	Native	wound (trunk), fungal, cross branches, exposed root, dead branches
T15	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	280	6	9	Low	Poor	Fair	Poor	Low	Native	wound (trunk), lean, exposed root
T16	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	140 + 120 + 90	7	7	Low	Poor	Fair	Poor	Low	Native	wound (trunk), multi-trunks, vine
T17	<i>Ficus hispida</i>	對葉榕	90 + 80+ 170 + 80	3	5	Low	Poor	Poor	Poor	Low	Native	wound (trunk), much dead branches, multi-trunks
T18	<i>Ficus hispida</i>	對葉榕	260+ 220 + 370 + 140 + 200	5	5	Low	Poor	Poor	Poor	Low	Native	wound (trunk), exposed dead wood
T19	<i>Ficus hispida</i>	對葉榕	100 + 80+ 110 + 130	5	4	Low	Fair	Fair	Fair	Low	Native	wound (trunk), multi-trunks
T20	<i>Ficus hispida</i>	對葉榕	370	5	6	Low	Fair	Fair	Fair	Low	Native	wound (trunk), multi-trunks
T21	<i>Ficus hispida</i>	對葉榕	120 + 130	5	5	Low	Fair	Fair	Fair	Low	Native	included bark , multi-trunks, vine
T22	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	15	4	4	Low	Fair	Fair	Fair	Low	Native	vine
T23	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	100 + 120	4	5	Low	Fair	Fair	Fair	Low	Native	codominant trunks, bent (trunk), exposed root

Appendix C – Tree Survey Schedule

Location: Lot no. 478 S.A. RP, 479, 487, 484 & 482 in D.D. 90

Date of Inspection: 2024/07/02

Surveyed by: LEE HIU WA HK- 1104A

Tree No.	Tree Species		Tree Size Measurement			Amenity Value (High / Medium /Low)	Form (Good/ Fair/ Poor)	Health Condition (Good / Fair / Poor /Dead)	Structural Condition (Good/ Fair/ Poor)	Suitability for Transplanting (High/ Medium/ Low)	Origin	Remarks
	Scientific Name	Chinese Name	DBH(mm)	Overall Height (m)	Crown Spread (m)							
T24	<i>Celtis sinensis</i>	朴樹	210	4	4	Low	Poor	Poor	Poor	Low	Native	dead tree
T25	<i>Artocarpus heterophyllus</i>	菠蘿蜜	180	7	2	Low	Poor	Poor	Poor	Low	Exotic	fallen tree
T26	<i>Dimocarpus longan</i>	龍眼	140 + 140	5	5	Low	Fair	Fair	Fair	Low	Exotic	vine, dead branches
T27	<i>Dyopsis lutescens</i>	散尾葵	110	8	2	Low	Fair	Fair	Fair	Low	Exotic	vine
T28	<i>Dyopsis lutescens</i>	散尾葵	100	8	2	Low	Fair	Fair	Fair	Low	Exotic	vine
T29	<i>Eriobotrya japonica</i>	枇杷	150	5	3	Low	Fair	Fair	Fair	Low	Exotic	vine
T30	<i>Dyopsis lutescens</i>	散尾葵	120	6	2	Low	Fair	Fair	Fair	Low	Exotic	vine
T31	<i>Lagerstroemia indica</i>	紫薇	90 + 90+ 90+ 130	5	7	Low	Fair	Fair	Fair	Low	Exotic	multi-trunks
T32	<i>Mangifera indica</i>	杧果	230	7	5	Low	Fair	Fair	Fair	Low	Exotic	vine, bent (trunk)
T33	<i>Mangifera indica</i>	杧果	100	4	4	Low	Fair	Fair	Fair	Low	Exotic	
T34	<i>Dimocarpus longan</i>	龍眼	120	4	3	Low	Fair	Fair	Fair	Low	Exotic	vine
T35	<i>Dyopsis lutescens</i>	散尾葵	110	7	2	Low	Fair	Fair	Fair	Low	Exotic	vine
T36	<i>Dimocarpus longan</i>	龍眼	450	5	8	Low	Fair	Fair	Fair	Low	Exotic	wound (trunk), vine
T37	<i>Sterculia lanceolata</i>	假蘋婆	160 + 90	5	2	Low	Fair	Fair	Fair	Low	Native	topping
T38	<i>Artocarpus heterophyllus</i>	菠蘿蜜	260	8	9	Low	Fair	Fair	Fair	Low	Exotic	dead branches
T39	<i>Clausena lansium</i>	黃皮	200 + 290+ 280	7	8	Low	Fair	Fair	Fair	Low	Exotic	restricted root
T40	<i>Canarium album</i>	白欖	300	10	5	Low	Fair	Fair	Fair	Low	Exotic	
T41	<i>Canarium album</i>	白欖	390	10	5	Low	Fair	Fair	Fair	Low	Exotic	
T42	<i>Dimocarpus longan</i>	龍眼	200	8	4	Low	Fair	Fair	Fair	Low	Exotic	
T43	<i>Dimocarpus longan</i>	龍眼	360	7	4	Low	Fair	Fair	Fair	Low	Exotic	codominant trunks, dead branches
T44	<i>Dimocarpus longan</i>	龍眼	290	8	6	Low	Fair	Fair	Fair	Low	Exotic	
T45	<i>Delonix regia</i>	鳳凰木	900	11	14	Low	Poor	Fair	Poor	Low	Exotic	large wound (trunk), decay, vine,
T46	<i>Dimocarpus longan</i>	龍眼	100	6	4	Low	Fair	Fair	Fair	Low	Exotic	vine

Appendix C – Tree Survey Schedule

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Date of Inspection: 2024/07/02

Surveyed by: LEE HIU WA HK- 1104A

Tree No.	Tree Species		Tree Size Measurement			Amenity Value (High / Medium /Low)	Form (Good/ Fair/ Poor)	Health Condition (Good / Fair / Poor /Dead)	Structural Condition (Good/ Fair/ Poor)	Suitability for Transplanting (High/ Medium/ Low)	Origin	Remarks
	Scientific Name	Chinese Name	DBH(mm)	Overall Height (m)	Crown Spread (m)							
T47	<i>Aporosa dioica</i>	銀柴	500	8	8	Low	Fair	Fair	Fair	Low	Native	vine
T48	<i>Sterculia lanceolata</i>	假蘋婆	240 + 200 + 310	8	8	Low	Fair	Fair	Fair	Low	Native	
T49	<i>Dimocarpus longan</i>	龍眼	170 + 230 + 240	8	7	Low	Fair	Fair	Fair	Low	Exotic	dead branches
T50	<i>Celtis sinensis</i>	朴樹	500	2	1	Low	Poor	Poor	Poor	Low	Native	epicormics.,decay, exposed dead wood

Appendix D–Tree Photographic Records

T1



T2



T3



T4



T5



T6



T7



T8



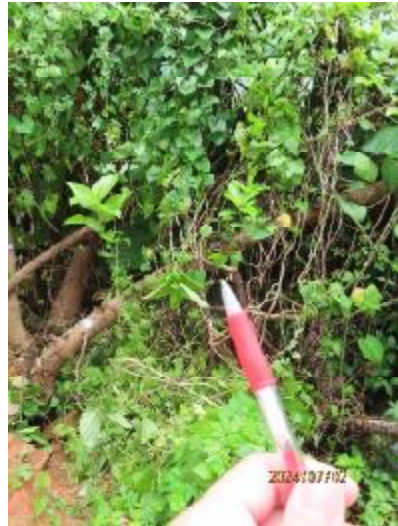
T9



T10



T11



T12



T13



T14



T15



T16



T17



T18



T19



T20



T21



T22



T23



T24



T25



T26



T27



T28



T29



T30



T31



T32



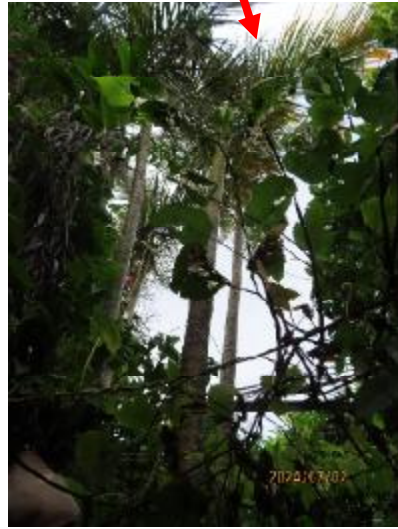
T33



T34



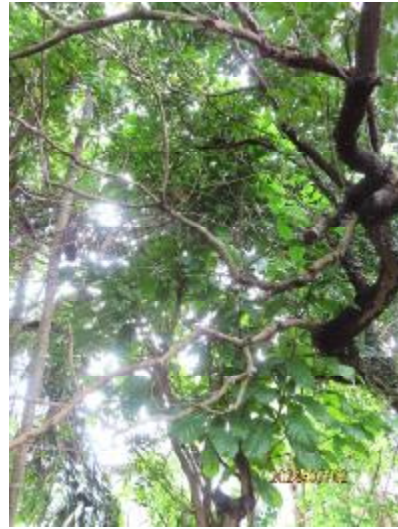
T35



T36



T37



T38



T39



T40



T41



T42



T43



T44



T45



T46



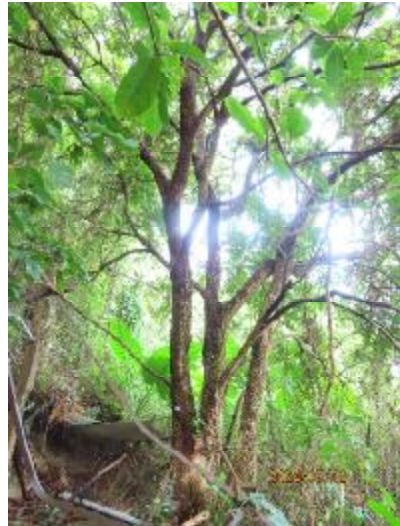
T47



T48



T49



T50



Response to DSD's comments (MKT37)

<p>(a) According to the record, there is existing streamcourse within the applicaton site. Please verify the condition on site and study the upstream catachment area of the streamcourse in the drainage proposal. Photos should be submitted clearly showing the current conditions of the area around the site, the existing drainage/flowpaths around the site, the proposed drainage from the site to the downstream existing watercourse and the existing watercourse.</p>	<p>Please see the enclosed photos and Figure 3.</p>
<p>(b) A drainage plan should clearly indicate the size, levels and routes of the proposed drainage. The details (invert level, gradient, general sections etc.) of the proposed drain / surface channel, catchpits and the discharge structure shall be provided.</p>	<p>Please see the enclosed Figure 3.</p>
<p>(c) The applicant shall be required to place all the proposed works at least 3m away from the top of the bank of the existing streamcourse. All the proposed works in the vicinity of the streamcourse should not create any adverse drainage impacts, both during and after construction. Proposed flooding mitigation measures if necessary shall be provided at the resources of the applicant to my satisfaction.</p>	<p>Noted.</p>
<p>(d) Please clarify the downstream of the proposed drainage discharge point. The applicant should check and ensure that the existing drainage downstream to which the proposed connection will be made have 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.</p>	<p>Due to the proposed works hasn't changed the catchment area, it is therefore, no additional discharge will be discharged to the existing streamcourse.</p>
<p>(e) Please elaborate how the overland flow from the external catchment can be collected by the proposed U channel with consideration of ground level after the proposed development. The applicant is reminded that all existing flow paths as well as the run-off falling into and passing through the site should be intercepted and disposed of via proper discharge points. The applicant shall also ensure that no works, including any site formation works, shall be carried out as may adversely interfere with the free flow condition of the existing drains, channels and watercourses on or in the vicinity of the subject site any time during or after the works.</p>	<p>Please see the enclosed Figure 3 and 4.</p>
<p>(f) Please advise the utilization of proposed drainage collection system.</p>	<p>Please see the enclosed Figure 3.</p>
<p>(g) The applicant should be reminded to minimize the possible adverse environmental impacts on the existing streamcourse in his design during construction. DEP and DAFC should be consulted on possible environmental and/or ecological impacts of the development.</p>	<p>Noted.</p>
<p>(h) The applicant is reminded that where walls are erected or kerbs are laid along the boundary of the same, peripheral channels should be provided on both sides of the wall or kerbs, and/or adequate openings should be provided at the walls/kerbs to allow existing overland flow passing through the site to be intercepted by the drainage system of the site with details to be agreed by DSD, unless justified not necessary.</p>	<p>Noted, please see the enclosed Figure 4.</p>
<p>(i) The proposed drainage works, whether within or outside the site boundary, should be constructed and maintained properly by the applicant and rectify the system if it is found to be inadequate or ineffective during operation at his/her own expense.</p>	<p>Noted.</p>
<p>(j) For works to be undertaken outside the lot boundary, the applicant should obtain prior consent and agreement from DLO/N and/or relevant private lot owners.</p>	<p>Noted.</p>
<p>(k) The applicant should make good all the adjacent affected areas upon the completion of the drainage works.</p>	<p>Noted.</p>
<p>(l) The applicant shall allow all time free access for the Government and its agent to conduct site inspection on his completed drainage works.</p>	<p>Noted.</p>
<p>(m) 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.</p>	<p>Noted.</p>
<p>2. The site is in an area where no public sewerage connection is available. EPD should be consulted regarding the sewage treatment/disposal facilities for the proposed development.</p>	<p>Noted.</p>

RECORD PHOTOGRAPHS



Photo View - P1

Taken at: 2 July 2024



Photo View - P2

Taken at: 2 July 2024

Proposed Temporary Warehouse for Storage of Food Provisions for a Period of 3 Years and Filling of Land at Lot 478 S.A RP, 482 (Part), 484 & 487 (Part) in D.D. 90, Lin Ma Hang Road, Ta Kwu Ling, NT

RECORD PHOTOGRAPHS



Photo View - P3

Taken at: 2 July 2024



Photo View - P4

Taken at: 2 July 2024

Proposed Temporary Warehouse for Storage of Food Provisions for a Period of 3 Years and Filling of Land at Lot 478 S.A RP, 482 (Part), 484 & 487 (Part) in D.D. 90, Lin Ma Hang Road, Ta Kwu Ling, NT