Appendix 1

Landscape Design Proposal

{ URBIS Limited }

SECTION12 REZONING APPLICATION DISCOVERY BAY OUTLINE ZONING PLAN, PROPOSED DEVELOPMENT AREAS 10b, 22 AND 4a AT DISCOVERY BAY, HONG KONG

LANDSCAPE DESIGN PROPOSAL

Document No. HKR14-DOC-001 (Rev.0)

Prepared by: URBIS Limited

Nutis

Prepared by:	Gung Gung Gung Gung Gung Gung Gung Gung	02 SEPT 2022
	Dhany Kusuma	Date
Checked by:	Tim Osborne	02 SEPT 2022 Date
oved for issue by	FIOI	02 SEPT 2022

Date

LANDSCAPE DESIGN PROPOSAL (REV.0)

TABLE OF CONTENT

		Page
1.	INTRODUCTION	2
1.1	BACKGROUND	2
2.	EXISTING SITE CONDITIONS	2
2.1 2.2	CONTEXT / GENERAL NEIGHBOURHOOD	2
3.	PROPOSED DEVELOPMENT	3
3.1	BUILDING LAYOUT	3
4.	TREE PRESERVATION AND REMOVAL PROPOSALS	3
4.1	TREE SURVEY FINDINGS	
4.2	PROPOSED TREATMENT OF EXISTING TREES.	4
4.3	RANSPLANTING METHOD	5
4.4	NEW PLANTING PROPOSAL	5
5.	LANDSCAPE DESIGN PROPOSAL	5
5.1	LANDSCAPE DESIGN CONCEPT AND STRATEGY	
5.2	GENERAL CONCEPT DESIGN	
5.3 5.4	MAJOR LANDSCAPE ELEMENTSLANDSCAPE HARDWORKS DESIGN	
5.5	LANDSCAPE FIARDWORKS DESIGN	
5.6	LANDSCAPE AREA PROVISION	
Table 1 Table 2 Table 3 Table 4		
LIST OF APPENI A.1	F APPENDICES & FIGURES DIX A SITE LOCATION PLAN Site Location Plan	
APPENI	DIX B TREE ASSESSMENT	
B.1	Tree Assessment Schedule	
	Tree Survey Photographs	
HKI	DAMPTECO1 Tree Group Survey Flair	
HK	R14/P/TT01 Tree Group Treatment Plan	
	ANDSCAPE DESIGN	
APPEND	Landscape Master Platt	
C.1	Landscape Section A-A	
C.2	Landscape Section D-D	
C.3	Landscape Section U-U	
C.4	- Joseph Section D-D	
C.5	· Jesone Section E-L	
C.6	Open Space Provision	
C 7	Oben share .	

C.7

1. INTRODUCTION

1.1 Background

- 1.1.1 This report is prepared in support of a planning application for rezoning of sites at Discovery Bay from various "Other Specified Uses" ("OU") and "Government, Institution or Community" ("G/IC") zones to "Other Specified Uses" annotated "Service Area with Residential Development Above"; "Residential (Group C)13"; "Residential (Group C)14", and "Residential (Group C)15". The application also seeks to make amendments to some existing zones including "Other Specified Uses" annotated "Sports and Recreation Club (4)", and "Other Specified Uses" annotated "Marina". The Application Site covers Areas 4a, 10b and 22 (Marina and Helipad) in Discovery Bay Lantau (hereafter referred to as the "Application Site").
- 1.1.2 This landscape design proposal is submitted to demonstrate the effect of the Proposed Development at the Application Site on the existing site and the surrounding landscape context. It includes an assessment of impacts on existing trees and a conceptual landscape layout with proposed planting to establish a coherent character for the future development and integrate the Proposed Development with the site context.

2. EXISTING SITE CONDITIONS

2.1 Context / General Neighbourhood

- 2.1.1 The existing site is largely a platform of reclaimed land (approximately 5.0 mPD) adjacent to a natural headland that has been developed into high and medium rise residential villages (Peninsula Village, Coastline Villa, Twilight Court, Capevale Drive (Jovial, Haven and Verdant Courts). To the north-west, the site is overlooked by the residential villages of La Serene and La Vista which are sited on an elevated natural ridge and the village of La Costa lies directly to the north. The southern edge of the site is a reclaimed waterfront facing Nim Shue Wan and the northern edge of the site rises with tree covered man-made slopes to Discovery Bay Road which is the access road for the residential headland. The large Lantau Yacth Club with associated club house facilities lies at the south-eastem end of the site. Area 4a lies on the elevated land of the headland (approximately 15 mPD) and is currently a horticultural nursery with tree covered slopes on its northern edges. The highrise towers of Capevale Drive lie to the west and Coastline Villa and the Lantau Yacht Club lie to the north and east.
- 2.1.2 The site currently accommodates a variety of community service facilities including a refuse collection point, a petrol filling station, a golf cart service centre, bus parking and repair workshops, a small shipyard, service staff quarters, a sewage pumping station and a decommissioned sewage treatment plant. The south eastern end of the site beyond the shipyard is a former club house area surrounded by mature trees. The southern edge of the site consists of a mixture rock armoured reclamation edge and vertical seawall which serves as an embarking point for regular inter-island kaito services, service vessels and a refuelling point for Discovery Bay ferries. Amenity planting was recently undertaken along the northern edge of Marina Drive to help screen the service areas.

2.2 Existing Site Landscape Resources

2.2.1 The key landscape resource is the existing vegetation which comprises semi-natural vegetation on slopes and amenity tree and shrub planting around the Lantau Yacht Club and along Marina Drive. The water frontage is all man-made with no natural coastline.

ш

3. PROPOSED DEVELOPMENT

3.1 Building Layout

- 3.1.1 The Proposed Development consists of 3 areas. Area 10b is a new residential complex with medium-rise to low-rise units on podium built parallel with the slopes at the back of the site. These taper in height with the highest blocks in the west and the lowest blocks in the east near the Lantau Yacht Club. To the south of this is a new driveway and EVA and a row of 2 storey houses with a promenade facing the bay. The row of houses is punctuated with informal recreational spaces providing access to the waterfront and docking points for small kaito / ferry services. A petrol station and E&M Plant Room are sited at the northern end of the site near the junction with Discovery Bay Road. The main entrance and access to Area 10b will be via Discovery Bay Road from the west with a smaller access for service delivery / EVA to the podium level from the north.
- 3.1.2 Area 4A lies to the north of Peninsula Village and to the west of the Lantau Yacht Club. It consists of four medium to low-rise residential buildings with heights of 5 domestic storeys. The buildings are orientated north east and access is provided from Caperidge Drive.
- 3.1.3 Area 22 lies to the south east of the Area 10b and will be a boat yard serving the Lantau Yacht Club with two repair workshops, dry stand boat parking spaces and a slip / docking facility. Access to the boatyard will be via Marina Drive. This area also includes a helipad located to the north east of Lantau Yacht Club with an access road along the marina breakwater connected to the Coastline Villa internal road.

4. TREE PRESERVATION AND REMOVAL PROPOSALS

4.1 Tree Survey Findings

- 4.1.1 The tree survey for the Application Site was carried out in March 2022. There are 14 nos. of tree groups comprising a total of approximately 720 nos. of existing trees found within the Application Site boundary. The surveyed species include Ficus benjamina, Ficus hispida, Ficus microcarpa, Macaranga tanarius var. tomentosa, Mallotus paniculatus and Melaleuca cajuputi ssp. Fruit trees such as Avverhoa carambola, Carica papaya, Dimocarpus longan, Mangifera indica and Pasidium guajava are also found. The condition of the trees is poor to fair, and most are of low amenity value. For the Tree Survey details, refer to B.1 Tree Assessment Schedule.
- 4.1.2 None of the existing trees are protected species listed under the Forestry Regulations, Forests and Countryside Ordinance (Cap.96 sub. leg.) or are an "Old and Valuable Tree" or a "Potential Old and Valuable Tree" as defined in DEVB TC (W) No. 5/2020 "Registration of Old and Valuable Trees" or a "Champion Tree" as identified in the book "Champion Trees in Urban Hong Kong". A breakdown of tree numbers by Group is provided in Table 1. below.

Table 1. – Summary of Existing Tree Numbers

Tree Groups	Approximate No. of Trees
TG1	80
TG2	15
TG3	11
TG4	30

Tree Groups	Approximate No. of Trees				
TG5	50				
TG6	5				
TG7	26				
TG8	11 35				
TG9					
TG10	22				
TG11	27				
TG12	59				
TG13	282				
TG14	67				
TOTAL	720				

4.2 Proposed Treatment of Existing Trees

- 4.2.1 Retained Tree Groups A total of approximately 501 nos. trees are proposed to be retained within the Application Site Boundary (refer to Table 2. Summary of Treatment of Existing Trees).
- 4.2.2 Affected Tree Groups A total of approximately 219 nos. of trees will be affected by the site formation works, the proposed residential development footprint and associated roadworks. The affected trees within Tree Groups are proposed to be felled and transplanted. Trees on the slopes at the back of the site (TG12) and trees at the north-west corner of the site (TG13) will be largely retained.
- 4.2.3 Trees in these Groups are all found mostly to have poor form and poor to fair health condition with low amenity value and low survival rate after transplanting. However, some specimens have better form, health and amenity value such as the recent planting along the north of Marina Drive.
- 4.2.4 A summary of the proposed treatments of existing trees within the Application Site boundary is provided in Table 2. below:

Table 2. - Summary of Treatment of Existing Trees

Tree Group Nos.	Trees to be Retained (Approx.)	Tree to be Felled (Approx.)	Trees to be Transplanted (Approx.)	Total Tree Number (Approx.)	
TG1	72	8	0	80	
TG2	7	8	0	15	
TG3	11	0	0	11 30 50	
TG4	3	27	0		
TG5	45	5	0		
TG6	5	0	0	5	
TG7	26	0	0	26	
TG8	0	7	4	11	
TG9	9	26	0	35	

Tree Group Nos.	Trees to be Retained (Approx.)	Tree to be Felled (Approx.)	Trees to be Transplanted (Approx.)	Total Tree Number (Approx.)	
TG10	0	7	15	22	
TG11	0	5	22	27	
TG12	49	10	0	59	
TG13	242	40	0	282	
TG14	32	35	0	67	
TOTAL	501	178	41	720	

4.3 Transplanting Method

4.3.1 All trees selected for transplanting will be transplanted directly to final onsite receptor locations to promote a high survival rate and maintain good form and high amenity value after transplanting. Indicative transplanting receptor locations are shown on Figure C.1 - Landscape Master Plan. Transplanting will be carried out in accordance with best horticultural practice with necessary preparatory pruning prior to transplanting, correct handling techniques and establishment operations.

4.4 New Planting Proposal

4.4.1 Within the Proposed Development area, a minimum of 178 nos. of new heavy-standard trees will be planted as amenity tree planting under the landscape proposal. Indicative tree planting species are provided in Table 4 under Section 5.5 below and indicative locations are shown on Figure C.1 - Landscape Master Plan.

5. LANDSCAPE DESIGN PROPOSAL

5.1 Landscape Design Concept and Strategy

- 5.1.1 The landscape master plan adopts the following design approach:-
 - (a) Creation of a landscape design which responds to the specific site conditions of the Proposed Development;
 - (b) Retention of existing trees where possible and incorporation of transplanted trees into the new landscape layout;
 - Adoption of a landscape character consistent with the overall design language and aesthetic of the architectural elements;
 - Sensitive integration of the Proposed Development into the surrounding areas via appropriate interface treatments;
 - Minimisation of the visual impact of the Proposed Development through sensitive landscape treatment;
 - (f) Creation of suitable outdoor spaces for passive recreational activities; and

LANDSCAPE DESIGN PROPOSAL (REV.0)

(g) Promotion of the use of indigenous plant species throughout the landscape generally where possible and introduction of exotic ornamental species where appropriate to suit particular applications.

5.2 General Concept Design

TIE

- Proposed Comprehensive Residential Development The general concept is to create a distinctive 5.2.1 residential neighbourhood with connections to surrounding residential areas and landscape assets. The overall design layout and allocation of the building heights of the Area 22 development is planned to create a stepped progression down from the back slopes of the site to the Nim Shue Wan waterfront. The tallest tower blocks are sited in the northwest and east "landward" portion of the site adjacent to the backdrop of Peninsula Village headland whilst the lower tower blocks step progressively down in height from 18 to 6 storeys on the flat "seaward" tip of the site in the south eastern portion. Naturalistic planting with indigenous species is proposed along the site boundaries to enhance the green rural fringe character of the area. Two open spaces are planned at the central and eastern end of the site and will enhance the overall greening of the development. These will provide green connections between Marina Drive and the promenade and cater for communal passive outdoor activities. Efficient circulation for daily and emergency access is provided by a central access road / EVA between the podium and low-rise housing along the promenade. Generous planting and streetscape treatments will create a green spine and integrate the road with the overall residential character.
- 5.2.2 The Area 4a development is much smaller in scale comprising only 4 medium rise units, each of which will have private gardens. This will be served by the existing Caperidge Drive access road and turnaround. The units will command elevated views to the east over the Lantau Yacht Club. Existing tree and shrub buffers on surrounding slopes will be retained and enhanced and a communal sitting out / play area will be provided on the north western portion of the site.

5.3 Major Landscape Elements

- 5.3.1 Landscape at Main Entrances The vehicle access to the proposed development podium will be from the existing Discovery Bay Road to the podium level and to the ground level areas at the existing junction with Marina Drive. Both entrances form first impressions of the neighborhood and will be designed to create a distinctive arrival experience. The upper entrance will be framed by the existing mature avenue tree planting along Discovery Bay Road and will be enhanced with new signature tree and shrub planting. The low level entrance will be highlighted by twin water features either side of the entrance and amenity tree and shrub planting. This will also help screen the sewage pumping station and the petrol station. The vehicle access to the proposed helipad will be via an access road on the marina breakwater connected to Coastline Villa internal road.
- 5.3.2 Pedestrian Environment Extensive soft landscape will be implemented along access roads and walkways to enhance the interior circulation spaces. A mix of ornamental and indigenous trees with an understory of multi-layered planting will provide functional benefits of shade and screening and visual and sensory amenity. Planting will provide colour and texture to the streetscape and generally soften the appearance of the paved areas as well as adjacent building walls. Surfaces will be paved with durable materials forming attractive designs. Street furniture will include seating, litter bins and bus shelters. External lighting will be carefully selected to be non-intrusive and reinforce a consistent safe but relaxed design character throughout the pedestrian environment of the overall development. Terraces form walkways on the podium development and these are linked to promote pedestrian circulation between levels. These also link with small pocket gardens where space permits.

- 5.3.3 Waterfront Environment A public promenade will be provided along the waterfront. This will be cantilevered over the water at a lower level than the adjacent low-rise units in order to protect the privacy of residents and provide closer interaction with the bay. Two quayside landing points are proposed along the waterfront. These comprise the landing for the existing public kaito in the middle of the promenade and the landing point for goods and services and boat workshop deliveries at the south eastern end. The kaito landing area will provide an pleasant waterfront venue while waiting for the ferry and for general relaxation. The waterfront will be attractively landscaped to encourage public strolling and viewing across Nim Shue Wan.
- 5.3.4 Recreational Facilities and Communal Garden Passive and active recreational facilities will be incorporated within the communal gardens of both Area 10b and 4a. Garden style planting will be provided to create intimate settings for informal use by all residents. Planting will be selected to provide seasonal interest and will comprise a mixture of native and ornamental species to enhance the biodiversity of the development. There will also be an informal open space between the podium and the street at Area 10b and this will serve as a pedestrian link between the two.
- 5.3.5 Peripheral Planting and Boundary Treatment The northem boundary of the site (both Areas 10b & 4a) will retain existing roadside avenue trees and trees on the slopes and these will be enhanced with new tree and shrub planting. This will help mitigate the intrusion of Discovery Bay Road on the units built at podium level. The boundary with the Lantau Yacht Club will also be densely planted in order to maintain screening and privacy for club members. Entrance planting at the north western end of the site will be undertaken to supplement existing vegetation and create a strong arrival experience. The western and southern edge of the development will be defined by the low-rise residential units. These will incorporate private front gardens facing Nim Shue Wan which will be planted and greened by their residents. The two quayside open spaces will include tree planting to frame views, provide shade and screening from the adjacent properties.
- 5.3.6 Buffer Planting Buffer planting will be predominantly native tree and shrub species and will provide a green interface with the surrounding land uses. It will screen and soften views into and out of the development. The buffer planting will also provide a green backdrop for internal amenity spaces and gardens.

5.4 Landscape Hardworks Design

5.4.1 General landscape hardworks elements and materials are summarised in Table 3. as follows:

Table 3 - General Landscape Hardworks Elements and Materials

Area/ Location	Landscape Hardworks						
Main Entrances	Vehicular road surface – recycled concrete blocks or similar Entrance paving – natural granite or similar Pedestrian footpath – recycled concrete blocks with natural granite highlights Road / Planter Kerbs – natural granite or similar						
Streetscape/Helipad	Vehicular road surface – precast concrete / clay pavers Pedestrian footpath – precast concrete / clay pavers Kerb/ Planter – precast concrete kerbs Street Furniture – proprietary products						

Area/ Location	Landscape Hardworks
At-grade Communal Areas / Open Spaces	Footpaths – natural granite / stone paving or similar Kerb/ Planter – natural granite / stone paving or similar Children's Playground – proprietary play equipment and safety matting Shade Structures – metal frames and glass canopy

- 5.4.2 Barrier Free Access All landscape areas will be designed and detailed according to the current version of Building Department's Design Manual Barrier Free Access.
- 5.4.3 Noise Barriers, Slopes and Retaining Structures There will be no noise barriers in this development. Existing slopes will be largely retained with the possibility of minor modifications. Where slopes are modified or new ones are formed, they will be greened to merge with the existing vegetated slope treatments. A retaining structure will be required along the edge of the petrol station near the main entrance in order to accommodate the level change between Discovery Bay Road and the station. The face of this will only be visible from within the station. Appropriate architectural and / or landscape greening measures will be applied to mitigate the visual impact.
- 5.5 Landscape Softworks Design
- 5.5.1 Planting Strategy Structure planting shall compliment the adjacent semi-natural vegetation and will help ameliorate the local micro-climate, contribute to pollution and noise mitigation, improve energy efficiency of buildings through insulation effects and provide wildlife habitats. Species selection will relate to the particular landscape character in each area. Peripheral naturalistic buffer planting will adopt mainly native species. Amenity planting throughout the pedestrian circulation network will be more formal in style and include exotic species chosen for flower and foliage colour, seasonal variation and form. Communal gardens and landscape corndors will be more informal in planting style and will include a mix of indigenous species common to the area and exotic trees and shrubs to provide colour, fragrance, visual structure and variety.
- 5.5.2 Plant Stock Sizes Generally, "Heavy-standard" sized trees will be selected for new tree planting in order to provide a positive visual impact on day one. The planting size of low shrubs will vary from 300mm to 600mm whilst tall shrubs will be above 800mm. For groundcovers, 200mm to 300mm size will be provided.
- 5.5.3 Plant Spacing Plant spacing will vary according to the species and stock size selected and shall be determined at detail design stage. Trees will be located generally as indicated on the Landscape Master Plan. Street trees will generally be spaced at 4 to 5m to allow for future growth. Screen trees will be spaced at 3 to 5m. Shrubs and groundcovers will be planted subject to the plant stock size but spacing shall ensure that an immediate overall foliage effect is achieved. Typically, the spacing for shrubs will be between 250 to 500mm and 150 to 250mm for ground covers.
- 5.5.4 Planting Schedule An indicative choice of plant materials is indicated in Table 4 below:-

Table 4 - Proposed Planting Schedule

Planting Species	Size	Spacing (mm)
TREES		
Bauhinia blakeana*	Heavy Standard	4000
		4000
Cassia surattensis	Heavy Standard	4000

LANDSCAPE DESIGN PROPOSAL (REV.0)

Planting Species	Size	Spacing (mm)
laeocarpus chinensis*		4000
icus benjamina	Heavy Standard Heavy Standard	4000
agerstromia indica	Heavy Standard Heavy Standard	4000
Michelia x alba	Heavy Standard Heavy Standard	4000
Podocarpus macrophyllus*	Heavy Standard Heavy Standard	4000
Pongamia pinnata*	Heavy Standard Heavy Standard	4000
Syzygium hancei*	Heavy Standard	4000
Sterculia lanceolata*	Heavy Standard	4000
Terminalia spp.	Heavy Standard	4000
SHRUBS	Ticavy olaridard	
Aglaia odorata	Varies	Varies
Bridelia tomentosa*	Varies	Varies
Codiaeum variegatum	Varies	Varies
Duranta repens "Golden Leaves"	Varies	Varies
Gardenia jasminoides*	Varies	Varies
Gordonia axillaris *	Varies	Varies
Ixora chinensis*	Varies	Varies
Ligustrum sinense *	Varies	Varies
Murraya paniculata	Varies	Varies
Rhododendron simsii *	Varies	Varies
Liriope spicata*	Varies	Varies
GROUND COVER		
Arachis duranensis	Varies	Varies
Cuphea hyssopifolia	Varies	Varies
Dianella ensifolia*	Varies	Varies
Euphorbia milii 'Dwarf'	Varies	Varies
Lantana montevidensis	Varies	Varies
Liriope spicata*	Varies	Varies
Nephrolepis auriculata*	Varies	Varies
Ophiopogon japonica*	Varies	Varies
Tradescantia spathacea	Varies	Varies
CLIMBERS		
Bougainvillea spp.	Varies	Varies
Lonicera japonica*	Varies	Varies
Trachelospermum jasminoides*	Varies	Varies
LAWN		
Zovsia iaponica	300 x 300 squares	n/a

Note: species selection will be subject to detail design development & market availability

5.5.5 **Soil Depth** – Sufficient soil depth will be provided for all planting areas and adequate structural loading capacity and drainage will be provided for planting areas on structure. Depending on the types of planting, the minimum soil depths excluding drainage layers shall be:

Trees/Palm Trees 1200mm

^{*} Native Species

LANDSCAPE DESIGN PROPOSAL (REV.0)

Shrubs

600mm

Groundcover

300 - 600mm

Turf

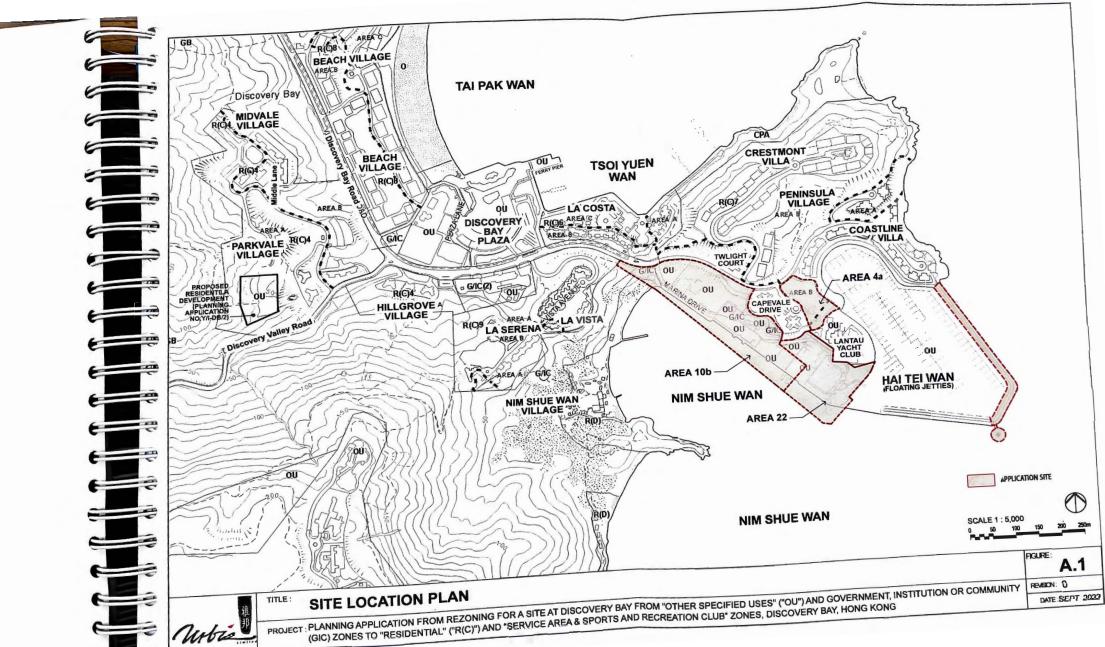
300mm

- 5.5.6 Soil Drainage Planting areas on structure shall be drained by proprietary PVC drainage cells, filter fabric and planter drains connected to piped mains surface water drainage systems. On-grade planting shall be free-draining, and additional surface drains and subsoil drains will be provided where necessary.
- 5.5.7 **Irrigation Water Points** Sufficient manual irrigation water points at a nominal spacing of 40m will be provided for all planting areas.
- 5.5.8 Landscape Maintenance A minimum 12 months Establishment Period will be incorporated in the planting contract for all softworks elements. Thereafter, landscape maintenance will be undertaken by an approved landscape maintenance company engaged by the development management.
- 5.6 Landscape Area Provision
- 5.6.1 Communal Open Space The total Application Site area is approximately 180,335m² (Areas 4a, 10b, 22 and Helipad) with a design population of 1,965 (Area 10b) and 180 (Area 4a). With a total open space area of no less than 1,965m² and 180m² for Areas 10b and 4a respectively, the minimum standard of 10 ha per 100,000 persons as stipulated in Chapter 4 of the Hong Kong Planning Standards and Guidelines is achieved by the proposed layout.
- 5.6.2 **Greenery Provision** A minimum 30% greenery (of total residential site area of **81,600m²**) will be achieved in accordance with the requirement of Buildings Department PNAP (APP-152).

LANDSCAPE DESIGN PROPOSAL (REV.0)

APPENDIX A - SITE LOCATION PLAN

A.1 Site Location Plan



SECTION 12A REZONING APPLICATION DISCOVERY BAY OUTLINE ZONING PLAN, PROPOSED DEVELOPMENT AREAS 10b,22 AND 4a, DISCOVERY BAY, HONG KONG

LANDSCAPE DESIGN PROPOSAL (REV.0)

APPENDIX B - TREE TREATMENT

B.1 B.2.1 to B. 2.12 HKR14/P/TS01 HKR14/P/TT01 Tree Assessment Schedule Tree Survey Photographs Tree Survey Plan Tree Treatment Plan

Tree Group Assessment Schedule at

Address Discovery Bay Site 108 & 4A			
Lot N/A	in D.D.	N/A	

Prepared by Mr. André Le Claire (ISA Certified Arborist No. HK-1555A)
Field Survey was conducted/updated on 11 March 2022
by André Le Claire (ISA-CA # HK-1555A)
To be read in conjunction with drawing nos. HKR14/P/T101.

7

1

â

Tree	up Assessment Sc		Tree Species			Approximate Tree Size	1		Health	Structural	Anticipated Survival	Proposed Treatment in	Justification for	Re
Group ID Number	Photo no.	(In Scientific name)	(in Chinese name)	Trees Estimate	Overall Height (M)	Trunk Diameter (mm)	Average Crown Spread (M)	Form (Good / Fair / Poor) Condition	Condition (Good / Fair / Poor)	Rate after Transplanting (High/ Medium/Low)	initial/approved application (Retain/ Transplant/ Fell)	Proposed Tree Removal	(including justification for proposed tree removal; precious or rare or endangered speci conservation status; amenity or ecological value; anticipated root-ball size to be presen (with 6.x depth in mm), and any other on-site conditions, etc.)	
-		Dead tree	枯樹	1	4	200	3	Poor	Fair	Poor	Low			
		Macaranga tanarius var. tomentosa	血桐	27	3-7	100-300	3-6	Poor	Fair	Fair	Low			
		Ficus hispida	對葉榕	7	3-6	100-300	3-4	Poor	Fair	Fair	Low	•		
		Schefflera heptaphylla	職革祭	5	3-6	100-300	3-4	Fair	Fair	Fair	Low	,		
TG1	1-3	Mallotus paniculatus	白楸	18	4-6	100-300	4-6	Fair	Fair	Fair	Low	Retain 90% (72 nos.) Fell 10% (8 nos.)	Conflict with Proposed Development	Tree group growing on a steep slope.
		Ficus benjamina	垂葉榕	3	5-9	200-500	5-8	Poor	Fair	Fair	Low	, , , , , , , , , , , , , , , , , , , ,	Development	
		Acacia confusa	台灣相思	14	5-9	200-500	5-9	Poor	Fair	Fair	Low			
		Pandanus tectorius	震兜樹	2	3-4	150-250	2-3	Poor	Fair	Fair	Low			
		Artocarpus heterophyllus	菠蘿蜜	3	5-7	150-250	3-5	Poor	Fair	Fair	Low			
	_		Sub-total	80										
		Bouhinia variegata var. candida	白花洋紫荊	1	5	150	5	Fair	Fair	Fair	Low			
1		Hibiscus tiliaceus	美権	1	4	150	4	Poor	Fair	Poor	Low			
		Cinnamomum burmannii	陰香	4	7-9	300-400	7-9	Fair	Good	Fair	Low			
		Archantophoenix alexandrae	假核鄉	1	6	120	4	Good	Fair	Good	Low			
1		Averrhoa carambola	福徒	1	5	200	5	Fair	Fair	Fair	Low			Located behind fencing in nursery
TG2	4-6	Psidium guajava	番石榴	1	4	100	3	Fair	Fair	Fair	Low		Conflict with Proposed Development	
		Carica papaya	香木瓜	1	3	100	1	Fair	Fair	Fair	Low			
1		Magnalia grandiflora	荷花玉蘭	2	3-5	150-250	3-5	Fair	Poor	Fair	Low	1		
1		Khaya senegalensis	非洲棟	1	10	350	8	Fair	Fair	Fair	Low	1		
		Terminalia mantaly	小葉積仁	1	10	350	8	Fair	Fair	Fair	Low	1		Located behind fencing in nursery. Asymmetrical crown shape
		Callistemon viminalis	非技術	1	6	250	5	Fair	Fair	Fair	Low	1		Located behind fencing in nursery
			Sub-total	15						1				
		Ficus microcarpa	細葉榕	10	6-12	300-700	6-12	Fair	Fair	Fair	Low			Large and mature trees
TG3	7	Crateva unilocularis	樹頭菜	1	6	130	4	Good	Fair	Good	Med	Retain		
		7	Sub-total	11										
		Plumeria rubra	養養花	3	3-4	100-200	3-4	Fair	Fair	Fair	High			Small trees
		Ficus microcarpa	細葉榕	18	5-7	200-300	5.7	Fair	Fair	Fair	Low			Variable size, form, structure and crown health
		Terminalia mantaly	小葉模仁	1	7	130	4	Good	Fair	Good	Med			
TG4	8 -10	Archontophoenix alexandrae	假技術	2	5-7	200-300	5-7	Good	Fair	Good	High		Conflict with Proposed Development	One large and one small
		Cycas revoluta	BM	3	5-7	200-300	5-7	Fair	Fair	Fair	High	7 Eli 3076 (27 1103.)	- Complete	Small palms
		Macaranga tanarius var. tomentosa	血桐	1	3-5	100-250	3-5	Fair	Fair	Fair	Low			
		Bauhinia purpureo	紅花羊蹄甲	2	4-5	100-200	3-4	Poor	Poor	Poor	Low			Asymmetrical crown shape
		The state of the s	Sub-total	30		-								
		Ficus microcarpa	超業接	37	5-8	150-350	3-6	Fair	Fair	Fair	Low			Variable size, form, structure and crown health
TG5	12	Ficus benjamina	重業権	12	5-8	150-350	3-6	Poor	Poor	Poor	Low	Retain 90% (45 nos.)	Conflict with Proposed Development	Variable size, form, structure and crown health
		Bauhinia x blakeana	洋紫荊	1	5	220	5	Poor	Poor	Poor	Low	Fell 10% (5 nos.)	Development	Severely damaged through topping
			Sub-total	50						-				
TG6	13 -15	Ficus microcarpa	知業格	5	6-8	200-400	5-7	Fair	Fair	Fair	Low	Retain		Large and mature trees
			Sub-total	5	+	-					1	Retain		

roup ID	Photo no.				and a manufacture in the state of		1	1	Health	Structural				
Number		(In Scientific name)		Number of Trees	0.4	Approximate Tree Size	dia.	Form	Condition (Good / Fair	Condition (Good / Fair	Anticipated Survival	Proposed Treatment in		Remarks Asserted special
		(In Scientific name)	(In Chinese name)	Estimate	Overall Height (M)	Trunk Diameter (mm)	Crown Spread (M)	(Good / Fair / Poor)	/ Poor)	/ Poor)	Rate after Transplanting (High/ Medium/Low)	initial/approved application (Retain/ Transplant/	Justification for Proposed Tree Removal	(including justification for proposed tree removal; precious or rare or endangered special conservation status; amenity or ecological value; anticipated root-ball size to be preservation status; amenity or ecological value; anticipated root-ball size to be preservation; with 6.x depth in mm), and any other on-site conditions, etc.)
	16 -17	Bismarckia nobilis					18.30	STREET, STREET	Good	Good	437-56-00	Fell)		(with Ø. x depth in mm), and any other
		Tabebula chrysantha	裁王棣	1	3	150	3	Good	Fair	Fair	High			Small palm
		Ficus binnendijkil	美鐘木	7	3-4	95-130	2-3	Fair			High			Juvenile tree
			阿里垂榕	7	3-4	95-150	2-3	Fair	Fair	Fair	High			
		Archontophoenix alexandrae	假技術	3	5-7	200-300	3-4	Good	Fair	Good	High			
TG7		Phoenix sylvestris	領海泰	1	6	350	5	Good	Fair	Good	High			
		Plumeria rubro	雅蛋花	1	4	130	4	Fair	Fair	Fair	High	Retain		Small tree
		Ficus microcarpa	細葉榕	1	10	500	12	Fair	Good	Fair	Low			Large and mature tree
		Xanthostemon chrysanthus	金藻桃	2	4-5	95-120	2-3	Fair	Fair	Fair	High			Juvenile trees
		Ficus lyrata	學業格	2	3-4	100-150	3-4	Fair	Fair	Fair	High			Juvenile trees
		Schefflera arboricola	独常	1	3	150	3	Fair	Good	Fair	High		1	Small tree
			Sub-total	26						1000		L T		
	18 -20	Phoenix sylvestris	銀海泰	6	5-6	300-400	4-5	Good	Fair	Good	High	Transplant 40% (4 nos.) Fell 60% (7nos.)	Conflict with Proposed Development	
		Dracontomelon duperreanum	人面子	1	6	130	4	Good	Fair	Good	Med			
G8		Bismarckia nobilis	第王様	2	3-4	150-200	3-4	Good	Good	Good	High			Small palms
		Ficus altissima 'Golden Edged'	聚業高山榕	1	5	150	4	Good	Good	Good	Med			Small paims
		Cinnamomum burmannii	注音	1			_	Falr	Poor	Poor				
			-		5	100	3	Fair	POOR	POOL	Low			Topped
-	21-25	Acacia confusa	Sub-total	11								Retain 25% (9 nos.) Fell 75% (26 nos.)	Conflict with Proposed Development	
1			台灣相思	6	5-7	250-350	4-7	Fair	Fair	Fair	Low			Slope trees
		Cinnamomum comphora	#	5	5-6	150-200	3-4	Fair	Fair	Fair	Med			Planted at the bottom of the slope
		Terminalia mantaly	小業機仁	3	5-7	120-180	3-4	Fair	Fair	Fair	Med			Planted at the bottom of the slope
		Ficus microcarpa	細葉榕	1	8	600	8	Fair	Good	Fair	Low			Large and mature tree
		Dalbergia sissoo	印度黃檀	4	5-7	120-200	3-4	Fair	Fair	Fair	Med			
69		Ficus altissima 'Golden Edged'	斑栗高山榕	1	4	120	4	Fair	Fair	Fair	Low			
1		Casuarina equisetifolia	木麻黄	1	8	200	6	Fair	Fair	Fair	Low			Slope trees
		Macaranga tanarius var. tomentosa	血網	8	4-5	120-200	4-5	Poor	Fair	Poor	Low			Slope trees
		Litsea glutinosa	素核樹	1	5	120	3	Poor	Fair	Poor	Low			Slope trees
		Mallotus paniculatus	白楸	2	5-6	150-250	4-6	Poor	Fair	Poor	Low			Slope trees
-		Ficus hispida	對業権	2	4-5	100-150	3-4	Poor	Fair	Poor	Low			Slope trees
		Magnolia × soulangeana	二番木蘭	1	3	100	3	Fair			Med			Small tree
_		мадпона × sourangeunu	Sub-total	35			-	7.011	Fair	Fair	Med			
_	26 - 29		荷花玉蘭		4.7	450.350		-				Transplant 70% (15 nos.)	Conflict with Proposed Development	
		Magnolia grandiflora		3	4-7	150-350	3-7	Fair	Good	Fair	Low			Juvenile trees
		Cinnamomum camphora	**	10	4-6	100-200	3-5	Good	Fair	Good	Med			Juvenille trees
		Terminalia mantaly	小業債仁	1	6	150	3	Fair	Fair	Fair	Med			
		Ficus benjamina	垂葉榕	4	4-6	100-200	3-5	Fair	Good	Fair	Med			Juvenile trees
ro		Ficus aitissima 'Golden Edged'	斑葉高山榕	1	6	200	5	Fair	Fair	Fair	Med	Fell 30% (7nos.)		
		Syzygium hancei	韓氏蒲桃	1	6	150	4	Fair	Poor	Fair	Low			Obvious crown dieback
		Ficus hispida	對葉榕	1	4	150	3	Poor	Fair	Poor	Low			Growing against the building wall
		Mocaranga tanarius var. tomentosa	血桐	1	5	200	5	Poor	Fair	Poor	Low			Growing against the building wall
-			Sub-total	22						7001				
-	30 -34	Cinnamomum camphora	10	9	4-6	100-180	3-5	Fair	-		High	Transplant 80% (22 nos.) Fell 20% (5nos.)	Conflict with Proposed Development	Juvenile trees
			木麻黄	2	10-16	300-400	6-8		Fair	Fair				Large fallure on one tree
		Casuarina equisetifolia		1				Fair	Fair	Poor	Low			Large basal wound
1		Schefflera heptaphylla	類視		5	250	4	Fair	Fair	Poor	Low			Multiple trunks from ground level
		Syzygium jambos		1	4	120	4	Fair	Fair	Fair	Med			Juvenile trees
		Cinnomomum burmannii	斯王棕	12	4-6	100-180	3-5	Fair	Fair	Fair	High			Small pairs
				2	3-4	200-250	3-4		-		High			,

=

=

=

Tree Group ID Number	Photo no.	Total Party	(in Chinese name)	Number of Trees Estimate	Approximate				Health	Structural	Anticipated Survival	Proposed Treatment in	100	A CONTRACTOR OF THE PARTY OF TH
		(in Scientific name)			Overall	Tree Size Trunk Diameter	Average	(Good / Fair (C	Condition (Good / Fair / Poor)	Condition	Pate after	initial/approved application (Retain/ Transplant/ Fell)	Justification for Proposed Tree Removal	(including justification for proposed tree removal; precious or rare or endangered species; conservation status; amenity or ecological value; anticipated root-ball size to be preserved (with \$6, x depth in mm), and any other on-site conditions, etc.)
					Height (M)	(mm)	Crown Spread (M)							
TG12	35 -27	Melaleuca cajuputi subsp. cumingiana	白千層	59	6-14	200-400	4-7	Fair	Fair	Fair	Low	Retain 85% (49 nos.) Fell 15% (10 nos.)	Conflict with Proposed Development	Long row is of street trees
			Sub-total	59										
	38 - 42	Cinnamomum burmannii	陰香	5	4-6	100-180	3-5	Poor	Fair	Fair	Low	Retain 85% (242 nos.) Fell 15% (40 nos.)		Slope trees smothered with a climber
		Macaranga tanarius var. tomentosa	血桐	100	4-6	100-250	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
		Casuarina equisetifolia	木麻黄	3	5-7	150-250	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
		Mallotus paniculatus	白楸	30	4-6	100-200	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
		Acacia confusa	台灣相思	5	4-6	100-250	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
		Ficus hispida	對業榕	100	3-6	100-250	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
		Bridelia tomentosa	土蜜樹	5	3-5	100-150	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
TG13		Schefflera heptaphylla	独革柴	5	3-5	100-200	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
		Dimocarpus longan	龍眼	3	10	300	8	Poor	Fair	Fair	Low			Fruit trees
		Carica papaya	香木瓜	4	3-4	100-150	1-2	Poor	Fair	Fair	Low			Fruit trees
		Clausena lansium	黄皮	4	3-5	100-200	3-4	Poor	Fair	Fair	Low			Fruit trees
		Sapium sebiferum	鳥相	3	4-6	150-250	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
		Celtis sinensis	掛件	5	4-7	150-350	3-7	Poor	Fair	Fair	Low			Slope trees smothered with a climber
		Litsea glutinosa	源稿樹	10	4-5	100-200	3-5	Poor	Fair	Fair	Low			Slope trees smothered with a climber
			Sub-total	282				C. rento	000	E' -				
	43 -47	Hibiscus tiliaceus	養種	10	4-7	100-300	3-7	Poor	Good	Poor	Low	Retain 48% (32 nos.) Fell 52% (35 nos.)	Conflict with Proposed June Development S	Growing on beach
		Khaya senegalensis	非洲棟	1	10	500	10	Poor	Fair	Fair	Low			arge and mature
		Casuarina equisetifolia	木麻黄	1	10	500	10	Fair	Fair	Fair	Low			arge and mature
		Psidium guajava	番石榴	1	5	150	3	Fair	Fair	Poor	Low			opped
		Mangifera Indica	忙果	1	4	100	3	Fair	Fair	Fair	High			uvenile tree
TG14		Macaranga tanarius var. tomentosa	血桐	15	4-6	100-200	4-6	Poor	Fair	Fair	Low			lope trees
		Mallotus paniculatus	白楸	20	4-6	100-200	4-6	Poor	Fair	Fair	Low			lope trees
		Ficus hispida	對業榕	10	4-6	100-200	4-6	Poor	Fair	Fair	Low			lope trees
		Schefflera heptaphylla	職掌集	5	3-5	100-150	3-5	Poor	Fair	Fair	Low			ope trees
		Carica papaya	番木瓜	3	3-5	100-150	2-3	Poor	Fair	Fair	Low			ope trees
	-		Sub-total	67										



Photo No. 1 | TG1



Photo No. 2 | TG1



Photo No. 4 | TG2

Photo No. 3 | TG2





Photo No. 5 | TG2

m

Photo No. 6 | TG2





Photo No. 7 | TG3

Photo No. 8 | TG4

APPENDIX B.2.2

TREE GROUP PHOTOGRAPHS





Photo No. 9 | TG4

Photo No. 10 | TG4





Photo No. 11 | TG5

Photo No. 12 | TG5

TREE GROUP PHOTOGRAPHS



Photo No. 13 | TG6



Photo No. 14 | TG6



Photo No. 15 | TG7



Photo No. 16 | TG7

TREE GROUP PHOTOGRAPHS





Photo No. 17 | TG7



Photo No. 19 | TG8

Photo No. 18 | TG8



Photo No. 20 | TG8

TREE GROUP PHOTOGRAPHS





Photo No. 21 | TG9



Photo No. 23 | TG9

Photo No. 22 | TG9



Photo No. 24 | TG9

APPENDIX B.2.6 TREE GROUP PHOTOGRAPHS





Photo No. 25 | TG9

Photo No. 26 | TG10





Photo No. 27 | TG10

Photo No. 28 | TG10

APPENDIX B.2.7

TREE GROUP PHOTOGRAPHS



Photo No. 29 | TG10



Photo No. 31 | TG11



Photo No. 30 | TG11



Photo No. 32 | TG11

TREE GROUP PHOTOGRAPHS





Photo No. 33 | TG11

Photo No. 34 | TG11





Photo No. 35 | TG12

Photo No. 36 | TG12

TREE GROUP PHOTOGRAPHS





Photo No. 37 | TG12



Photo No. 38 | TG13



Photo No. 40 | TG13

Photo No. 39 | TG13

APPENDIX B.2.10

TREE GROUP PHOTOGRAPHS



Photo No. 41 | TG13



Photo No. 42 | TG13



Photo No. 43 | TG14



Photo No. 44 | TG14

TREE GROUP PHOTOGRAPHS



Photo No. 45 | TG14

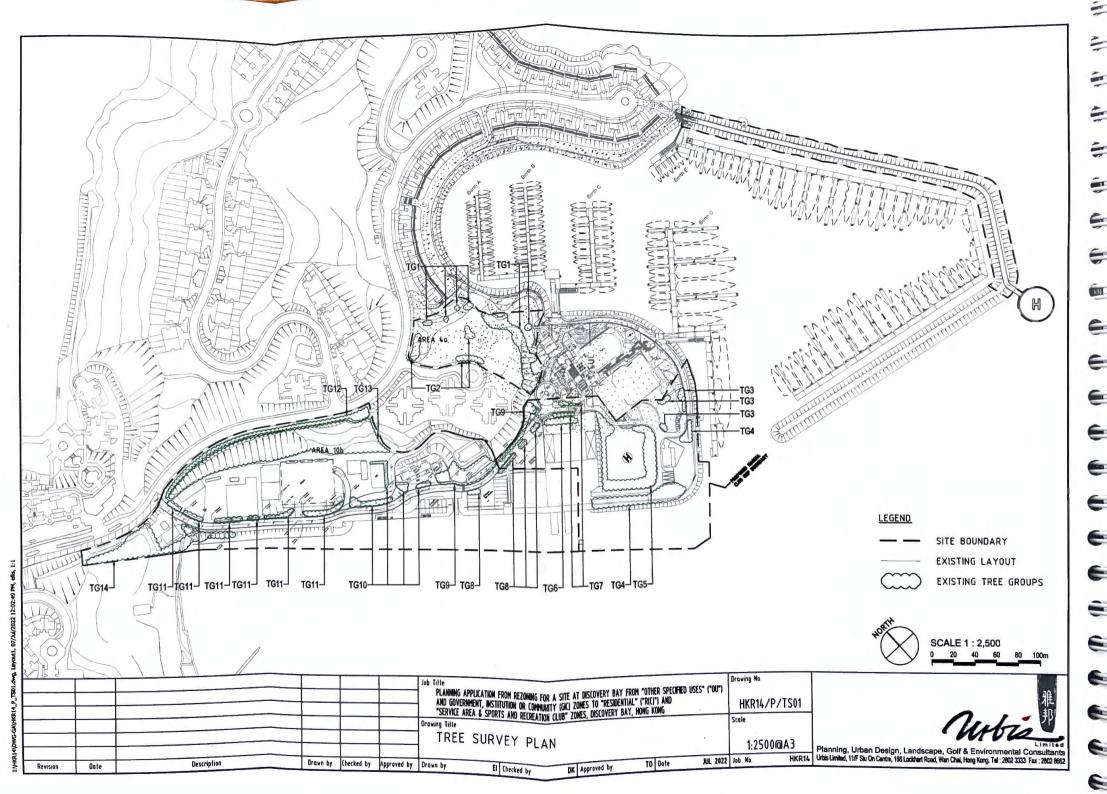


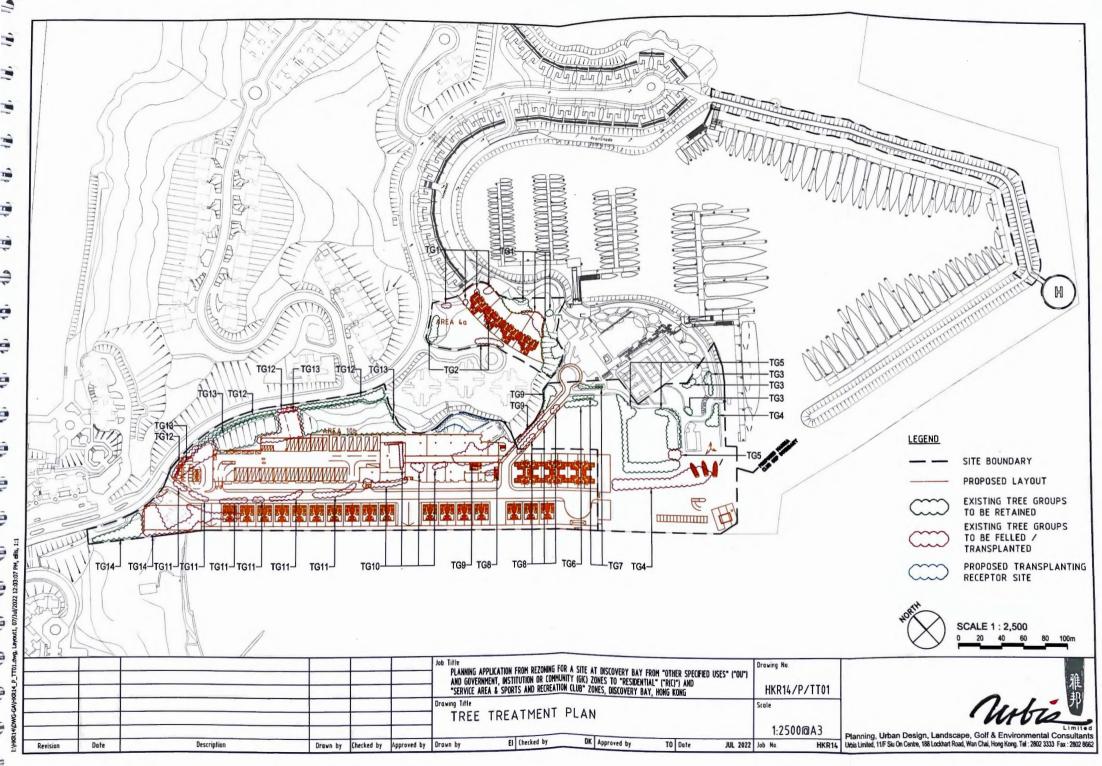
Photo No. 46 | TG14



Photo No. 47 | TG14

TREE GROUP PHOTOGRAPHS





-

1

-

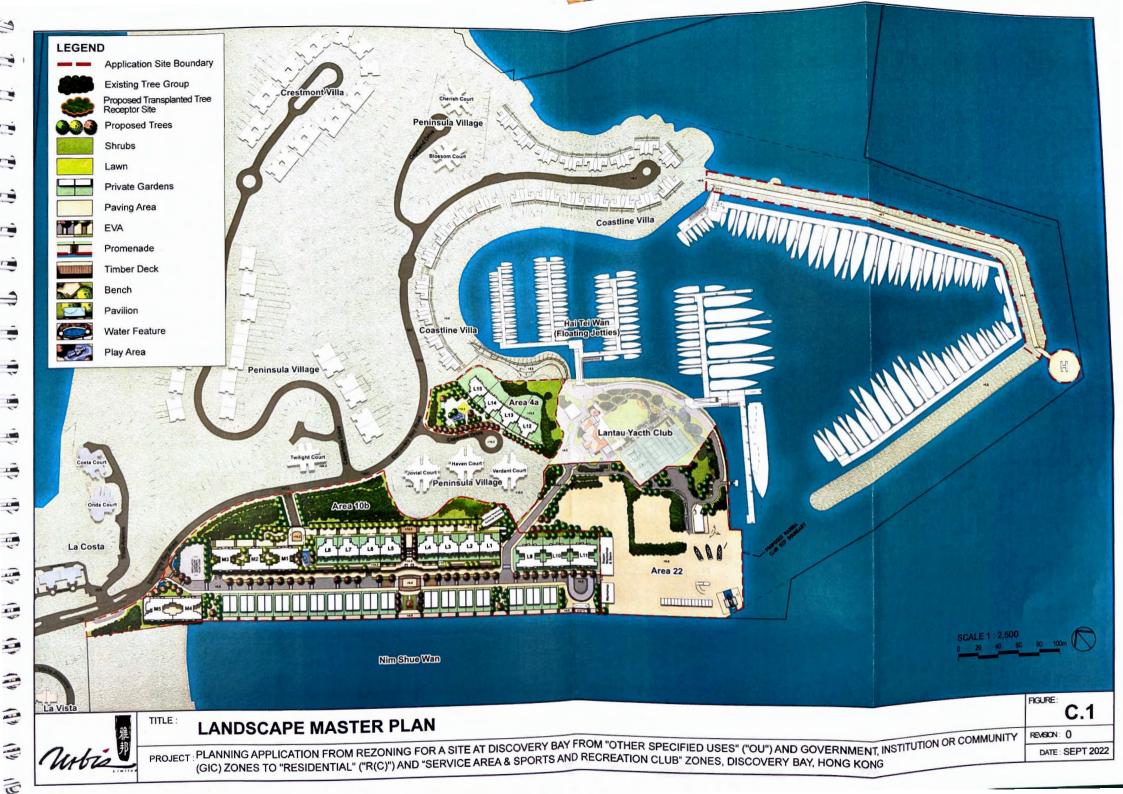
1

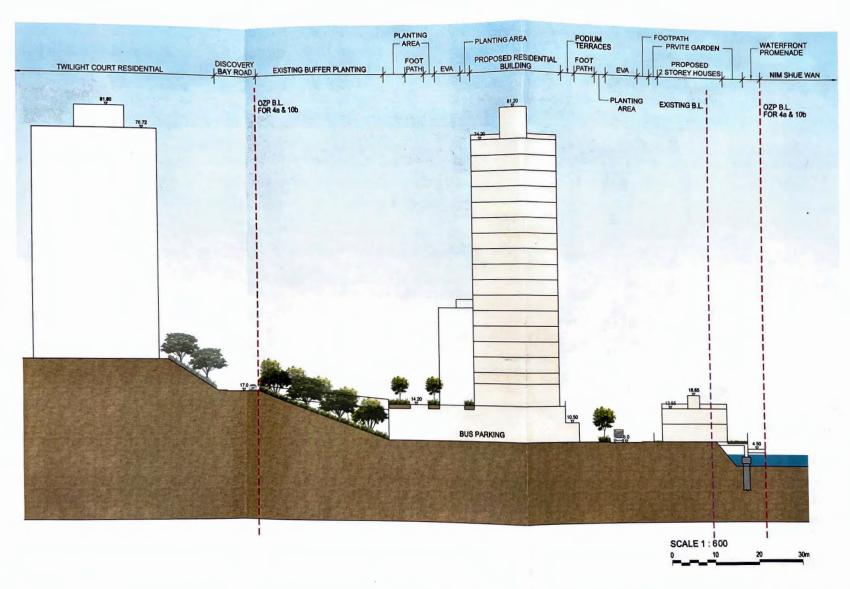
11

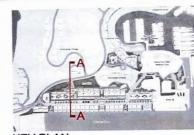
LANDSCAPE DESIGN PROPOSAL (REV.0)

APPENDIX C - LANDSCAPE DESIGN

- C.1 Landscape Master Plan
- C.2 Landscape Section A-A
- C.3 Landscape Section B-B
- C.4 Landscape Section C-C
- C.5 Landscape Section D-D
- C.6 Landscape Section E-E
- C.7 Open Space Provision







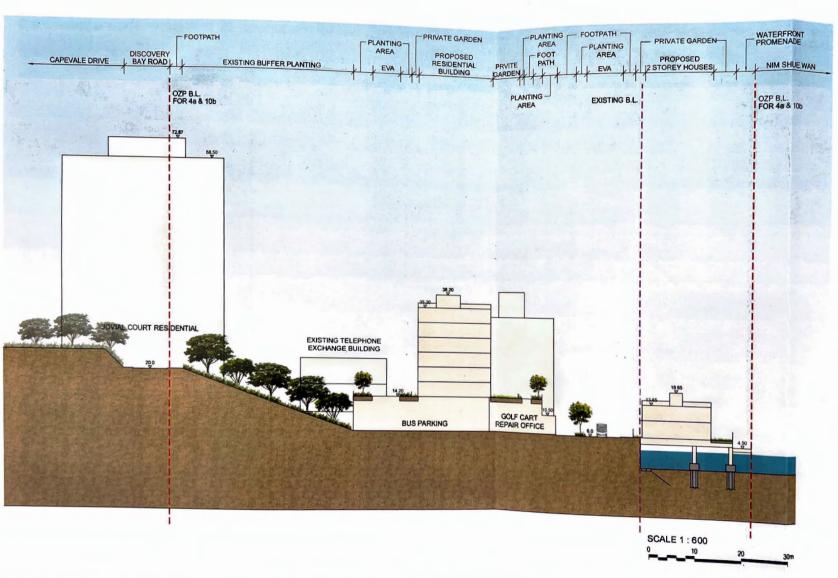
KEY PLAN

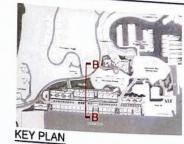
TITLE : **SECTION A-A** FIGURE:

REVISION: 0

PROJECT : PLANNING APPLICATION FROM REZONING FOR A SITE AT DISCOVERY BAY FROM "OTHER SPECIFIED USES" ("OU") AND GOVERNMENT, INSTITUTION OR COMMUNITY (GIC) ZONES TO "RESIDENTIAL" ("R(C)") AND "SERVICE AREA & SPORTS AND RECREATION CLUB" ZONES, DISCOVERY BAY, HONG KONG

DATE:SEPT 2022





PROJECT : PLANNING APPLICATION FROM REZONING FOR A SITE AT DISCOVERY BAY FROM "OTHER SPECIFIED USES" ("OU") AND GOVERNMENT, INSTITUTION OR COMMUNITY (GIC) ZONES TO "RESIDENTIAL" ("R(C)") AND "SERVICE AREA & SPORTS AND RECREATION CLUB" ZONES, DISCOVERY BAY, HONG KONG

rbis.

TITLE:

SECTION B-B

3

3

3

9

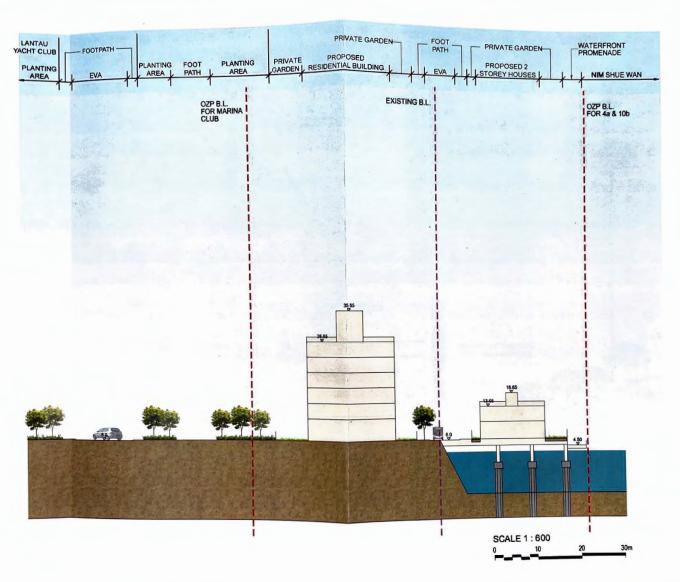
-

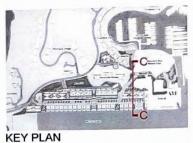
C.3

REVSION: 0

DATE: SEPT 2022

FIGURE:





DY

和 邦

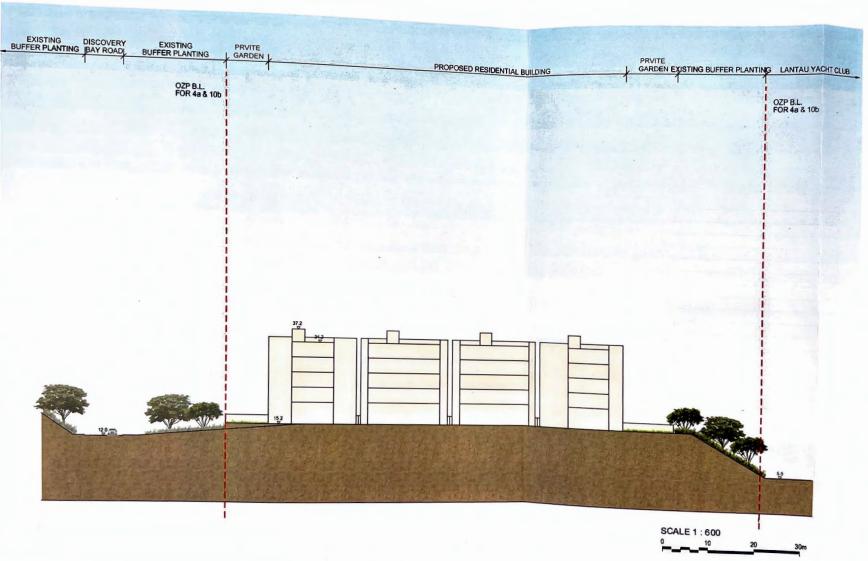
SECTI ONC-C

FIGURE:

PROJECT: PLANNING APPLICATION FROM REZONING FOR A SITE AT DISCOVERY BAY FROM "OTHER SPECIFIED USES" ("OU") AND GOVERNMENT, INSTITUTION OR COMMUNITY (GIC) ZONES TO "RESIDENTIAL" ("R(C)") AND "SERVICE AREA & SPORTS AND RECREATION CLUB" ZONES, DISCOVERY BAY, HONG KONG

REVISION: 0

DATE: SEPT 2022





雅邦

9

9

9

9

9

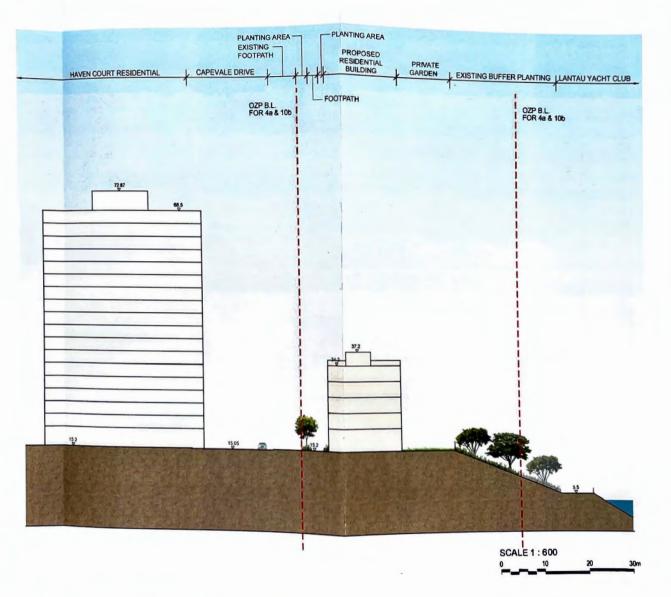
3

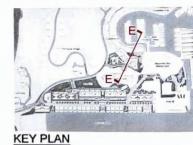
SECTION D-D

C.5

PROJECT : PLANNING APPLICATION FROM REZONING FOR A SITE AT DISCOVERY BAY FROM "OTHER SPECIFIED USES" ("OU") AND GOVERNMENT, INSTITUTION OR COMMUNITY (GIC) ZONES TO "RESIDENTIAL" ("R(C)") AND "SERVICE AREA & SPORTS AND RECREATION CLUB" ZONES, DISCOVERY BAY, HONG KONG

DATE: SEPT 2022





TITLE : SECTI ONE-E FIGURE: **C.6**

PROJECT: PLANNING APPLICATION FROM REZONING FOR A SITE AT DISCOVERY BAY FROM "OTHER SPECIFIED USES" ("OU") AND GOVERNMENT, INSTITUTION OR COMMUNITY (GIC) ZONES TO "RESIDENTIAL" ("R(C)") AND "SERVICE AREA & SPORTS AND RECREATION CLUB" ZONES, DISCOVERY BAY, HONG KONG

REVISION: 0

DATE: SEPT 2022

