

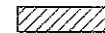
SITE COVERAGE OF GREENERY

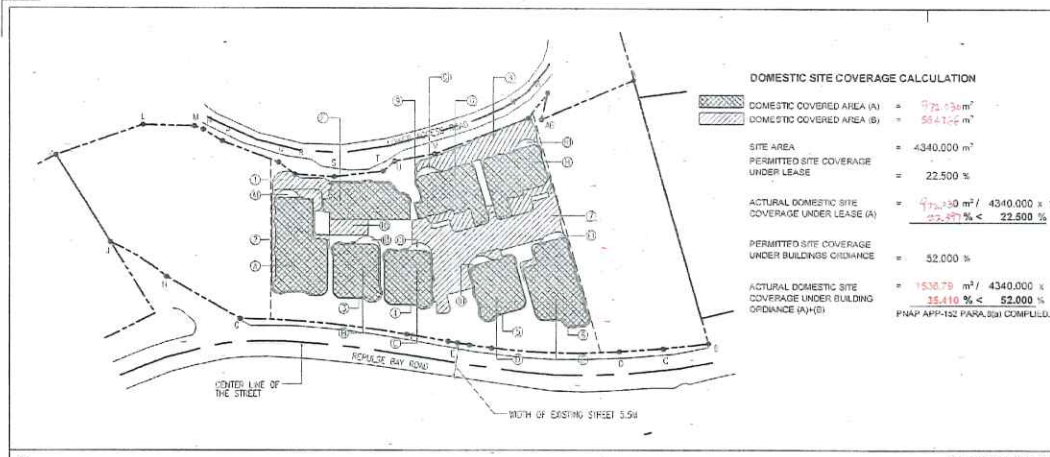
AREA REQUIRED:

PEDESTRIAN ZONE	=	4340.000	x	10	%	=	434.000	m ²
TOTAL AREA	=	4340.000	x	20	%	=	868.000	m ²

AREA PROVIDED:

GREENERY AT PEDESTRIAN ZONE	=	2166.020	>	434.000	m ²
TOTAL GREENERY	=	2166.020	>	868.000	m ²





DOMESTIC SITE COVERAGE CALCULATION

DOMESTIC COVERED AREA (A)	= 971,130 m ²
DOMESTIC COVERED AREA (B)	= 564,122 m ²
SITE AREA	= 4340,000 m²
PERMITTED SITE COVERAGE UNDER LEASE	= 22.500 %
ACTUAL DOMESTIC SITE COVERAGE UNDER LEASE (A)	$\frac{971,130 \text{ m}^2}{4340,000} \times 100 \% = 22.371 \% < 22.500 \%$
PERMITTED SITE COVERAGE UNDER BUILDINGS COVENANCE	= 52.000 %
ACTUAL DOMESTIC SITE COVERAGE UNDER BUILDING COVENANCE (A)+(B)	$\frac{1535,252 \text{ m}^2}{4340,000} \times 100 \% = 35.410 \% < 52.000 \%$

PNAP APP-152 PARAGRAPH COMPLIED.

DOMESTIC COVERED AREA (A)

A	= 170,843 m ²
B	= 97,011 m ²
C	= 97,623 m ²
D	= 97,622 m ²
E	= 147,134 m ²
F	= 113,517 m ²
G	= 110,117 m ²
H	= 110,117 m ²
SUB-TOTAL	= 852,994 m²

DOMESTIC COVERED AREA (B)

1	= 39,490 m ²
2	= 37,422 m ²
3	= 9,303 m ²
4	= 9,799 m ²
5	= 14,348 m ²
6	= 18,181 m ²
7	= 248,783 m ²
8	= 160,917 m ²
9	= 1,830 m ²
10	= 23,754 m ²
SUB-TOTAL	= 546,537 m²

BALCONY AREA (C)

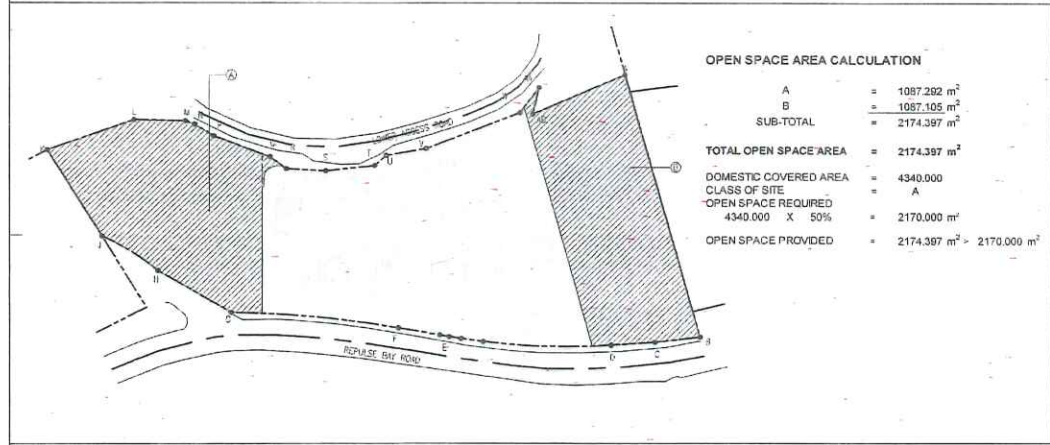
A1	= 5,316 m ²
B1	= 5,828 m ²
C1	= 5,789 m ²
D1	= 5,789 m ²
E1	= 5,804 m ²
G1	= 5,344 m ²
H1	= 5,344 m ²
SUB-TOTAL	= 39,872 m²

TOTAL = 39,872 m²

ADD BALCONY AREA (C) / 2 = 19,936 m²

TOTAL = 872,930 m²

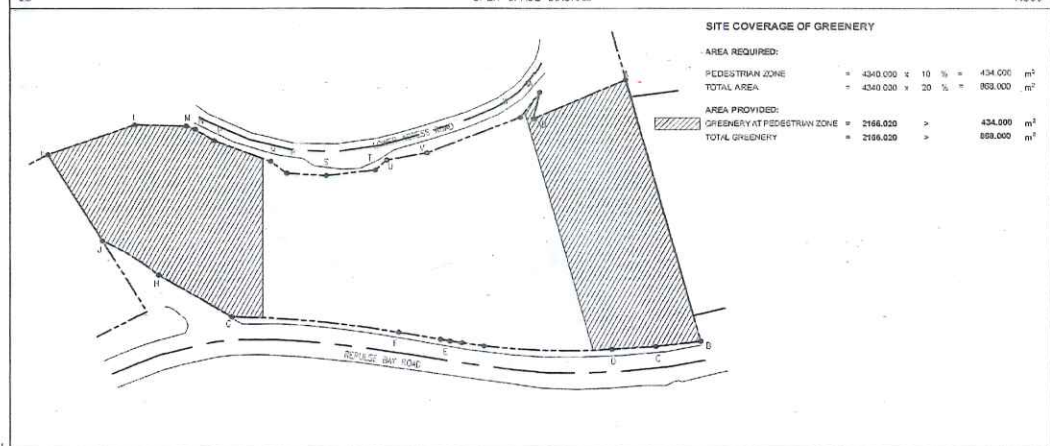
01 SITE COVERAGE DIAGRAM 1:500



OPEN SPACE AREA CALCULATION

A	= 1087,292 m ²
B	= 1087,105 m ²
SUB-TOTAL	= 2174,397 m²
TOTAL OPEN SPACE AREA	= 2174,397 m²
DOMESTIC COVERED AREA CLASS OF SITE	= 4340,000
OPEN SPACE REQUIRED 4340,000 X 50%	= 2170,000 m ²
OPEN SPACE PROVIDED	= 2174,397 m ² > 2170,000 m ²

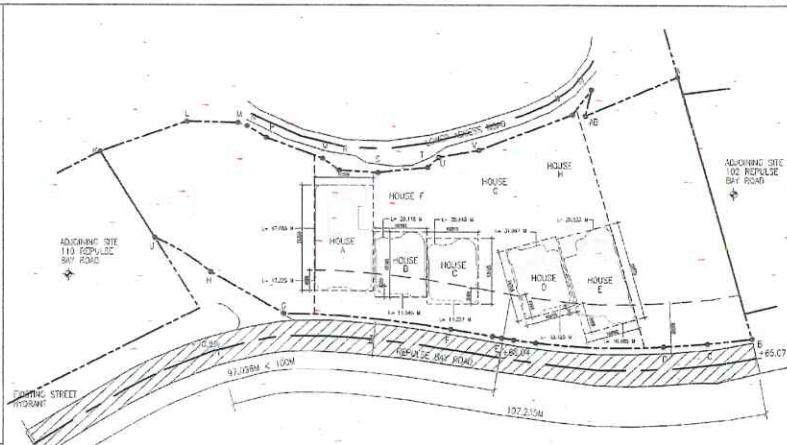
03 OPEN SPACE DIAGRAM 1:500



SITE COVERAGE OF GREENERY

AREA REQUIRED:	
PEDESTRIAN ZONE	= 4340,000 x 10 % = 434,000 m ²
TOTAL AREA	= 4340,000 x 20 % = 868,000 m ²
AREA PROVIDED:	
GREENERY AT PEDESTRIAN ZONE	= 2166,000 > 434,000 m ²
TOTAL GREENERY	= 2166,000 > 868,000 m ²

04 SITE COVERAGE OF GREENERY DIAGRAM 1:500



E.V.A. PLAN FOR CALCULATION OF PERCENTAGE OF PERIMETER OF BUILDING

HOUSE	DEMONSTRATION OF TOTAL LENGTH OF PERIMETER OF BUILDING	DEMONSTRATION OF PERIMETER OF BUILDING WITHIN 10M	PERCENTAGE
HOUSE A	47.608 + 17.325 = 64.931 M	17.325 M	$\frac{17.325}{64.931} \times 100\% = 26.682\% > 25\%$
HOUSE B	30.118 + 11.545 = 41.663 M	11.545 M	$\frac{11.545}{41.663} \times 100\% = 27.710\% > 25\%$
HOUSE C	28.445 + 13.337 = 41.782 M	13.337 M	$\frac{13.337}{41.782} \times 100\% = 31.920\% > 25\%$
HOUSE D	31.997 + 13.125 = 45.122 M	13.125 M	$\frac{13.125}{45.122} \times 100\% = 29.088\% > 25\%$
HOUSE E	38.533 + 16.609 = 55.142 M	16.609 M	$\frac{16.609}{55.142} \times 100\% = 30.120\% > 25\%$

GRADIENT = 107.235 / 5.82
 GROSS WEIGHT WITHSTAND = 30,000 KG
 WIDTH OF REPULSE BAY ROAD: 8.0M

NOTE: ADDITIONAL F.S. PROVISION WILL BE PROVIDED FOR HOUSE F TO HOUSE H AS STATED IN THE FIRE SERVICES NOTES.

05 EVA DIAGRAM 1:500

Drawing Title: **B.D. SUBMISSION**

E.D. Reference No: 2/2033/12

F.S.D. Reference No: FS 8130156

Author: By: [Signature]

Checked: By: [Signature]

Drawn: By: [Signature]

Scale: N.T.S. @ A3

Date: 22 JUN 2017

B.D. SUBMISSION AMENDED

STATEMENT OF WORKS REVISIONS ON THESE PLANS ARE THE PROPERTY OF THE BUILDING AUTHORITY. ANY REVISIONS TO THESE PLANS MUST BE APPROVED BY THE BUILDING AUTHORITY. ANY REVISIONS TO THESE PLANS MUST BE APPROVED BY THE BUILDING AUTHORITY.

Rev.	Description	Date	Drawn	Checked	App.
1	B.D. SUBMISSION AMENDED	05.2017	CWK		
2	B.D. SUBMISSION AMENDED	09.2016	CWK		
3	B.D. SUBMISSION AMENDED	03.2016	CWK		
4	B.D. SUBMISSION AMENDED	06.2015	CWK		
5	B.D. SUBMISSION AMENDED	06.2015	CWK		
6	B.D. SUBMISSION AMENDED	05.2015	CWK		
7	B.D. SUBMISSION AMENDED	12.2014	CWK		
8	B.D. SUBMISSION AMENDED	07.2014	CWK		
9	B.D. SUBMISSION AMENDED	03.2014	CWK		
10	B.D. SUBMISSION AMENDED	09.2013	CWK		
11	B.D. SUBMISSION AMENDED	01.03.2013	CWK		

Original by: [Signature] Date: 03/2013 Drawn: [Signature] Checked: [Signature] App: [Signature]

Structural Engineer: **Greg Wong & Associates Ltd.**

MEP Consultant: **JCL CONSULTANTS LTD.**

Client: **WINFIELD INVESTMENTS LIMITED**

Project: Residential Development at Rural Building Lot No.1165, Repulse Bay Road, Hong Kong

Calculations: **AED_120144-00_CB_0505**

Scale: N.T.S. @ A3

Date: 22 JUN 2017