

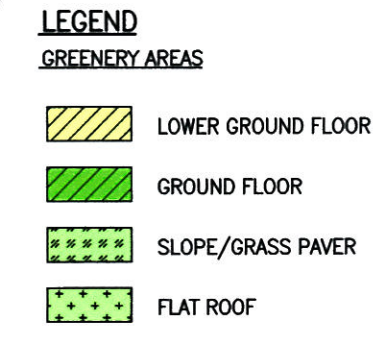
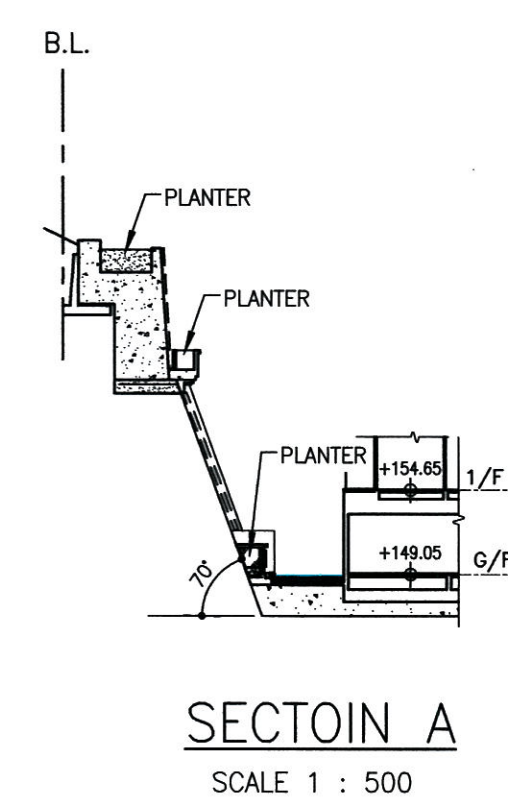
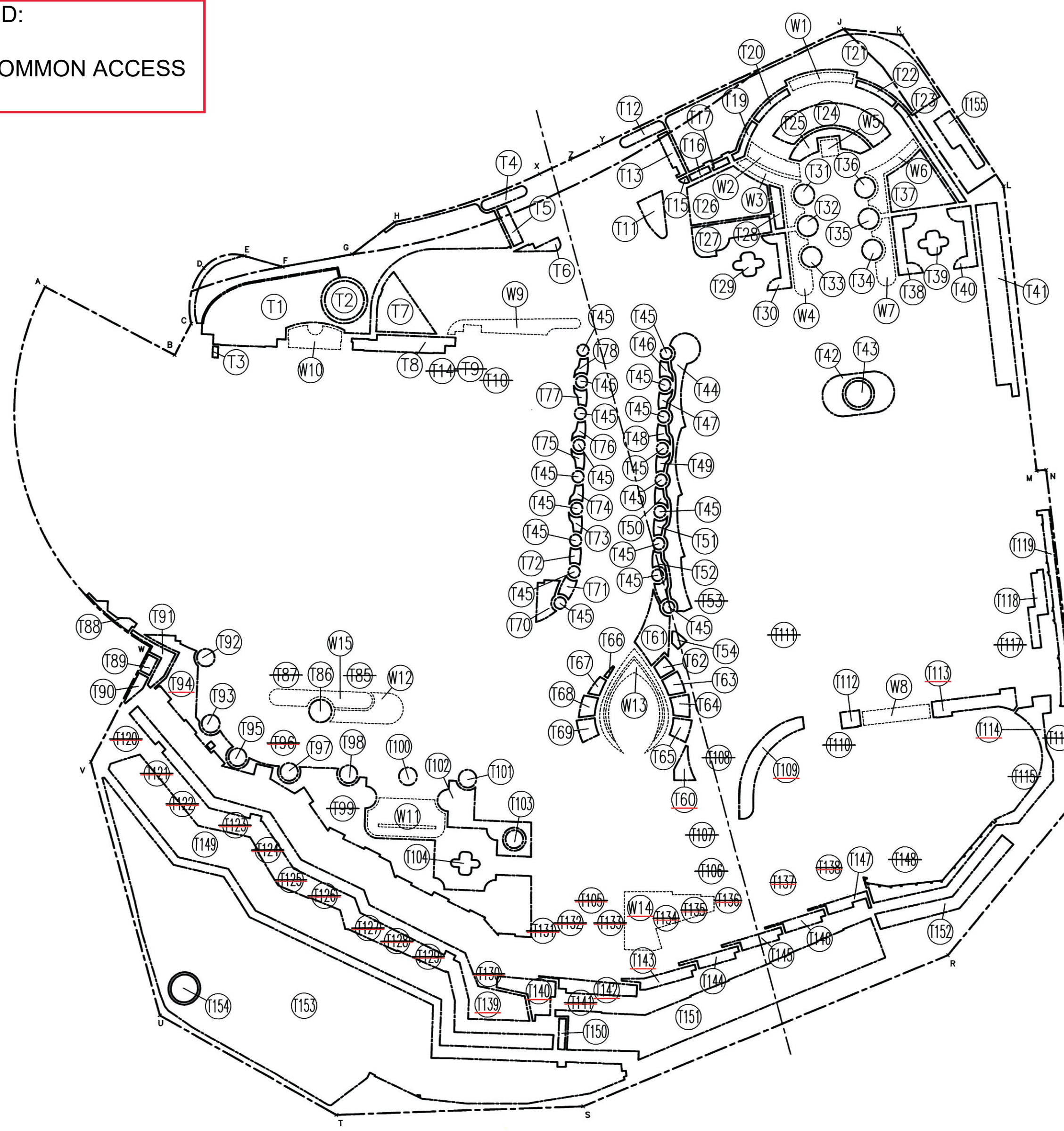
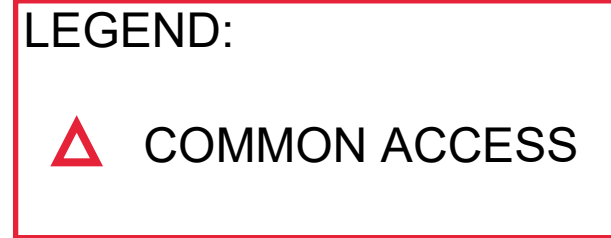
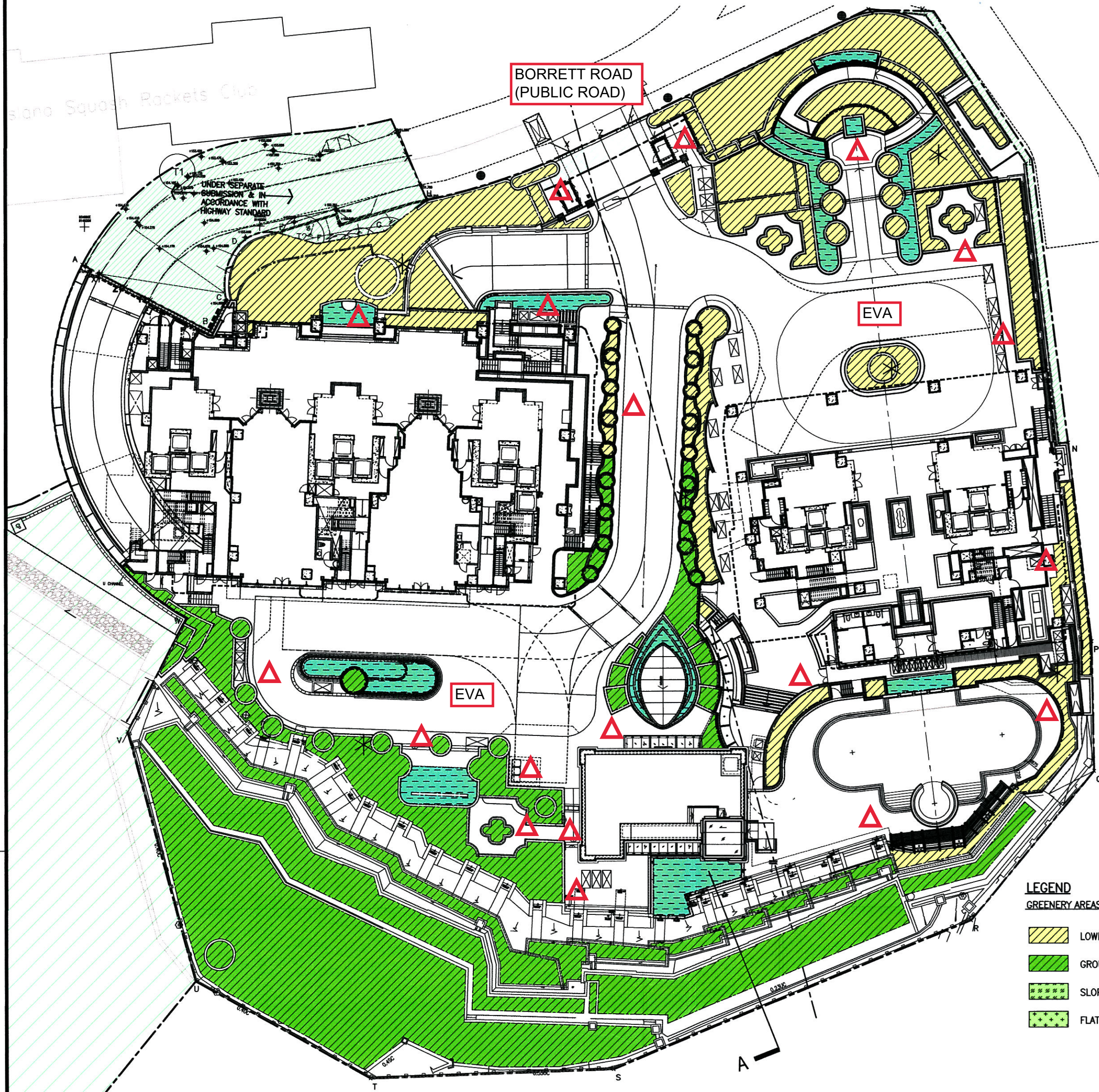
GROUND FLOOR PLAN

GREENERY CALCULATION DIAGRAM

B.D. REFERENCE NUMBER:

BD 2/2074/11

NOTES
DO NOT SCALE DRAWING, FIGURED DIMENSIONS ARE TO BE FOLLOWED.
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* IRRIGATION POINT
DRAINAGE PROVISION UNDER SEPARATE SUBMISSION

LOWER GROUND FLOOR /GROUND FLOOR GREENERY CALCULATIONS

GREENERY AT PEDESTRIAN ZONE (TREES)

1 AREA = 203.569 m ²	19 AREA = 3.447 m ²	37 AREA = 31.606 m ²	55 AREA = 1.000 m ²	73 AREA = 1.891 m ²	91 AREA = 7.639 m ²	109 AREA = 20.851 m ²	127 AREA = 3.591 m ²	145 AREA = 6.363 m ²
2 AREA = 15.127 m ²	20 AREA = 3.520 m ²	38 AREA = 10.924 m ²	56 AREA = 0.950 m ²	74 AREA = 1.891 m ²	92 AREA = 3.142 m ²	110 AREA = 0.363 m ²	128 AREA = 3.000 m ²	146 AREA = 6.108 m ²
3 AREA = 0.743 m ²	21 AREA = 141.935 m ²	39 AREA = 5.541 m ²	57 AREA = 5.295 m ²	75 AREA = 1.891 m ²	93 AREA = 3.142 m ²	111 AREA = 0.704 m ²	129 AREA = 3.000 m ²	147 AREA = 5.812 m ²
4 AREA = 5.920 m ²	22 AREA = 3.525 m ²	40 AREA = 10.919 m ²	58 AREA = 0.950 m ²	76 AREA = 1.891 m ²	94 AREA = 160.092 m ²	112 AREA = 3.861 m ²	130 AREA = 1.131 m ²	148 AREA = 3.466 m ²
5 AREA = 5.143 m ²	23 AREA = 9.476 m ²	41 AREA = 50.037 m ²	59 AREA = 11.978 m ²	77 AREA = 1.891 m ²	95 AREA = 3.142 m ²	113 AREA = 15.817 m ²	131 AREA = 3.466 m ²	149 AREA = 11.647 m ²
6 AREA = 3.815 m ²	24 AREA = 32.415 m ²	42 AREA = 22.821 m ²	60 AREA = 5.126 m ²	78 AREA = 1.891 m ²	96 AREA = 2.138 m ²	114 AREA = 40.801 m ²	132 AREA = 3.466 m ²	150 AREA = 11.647 m ²
7 AREA = 26.379 m ²	25 AREA = 13.955 m ²	43 AREA = 6.605 m ²	61 AREA = 17.740 m ²	79 AREA = 2.918 m ²	97 AREA = 3.142 m ²	115 AREA = 19.819 m ²	133 AREA = 2.830 m ²	151 AREA = 11.647 m ²
8 AREA = 18.603 m ²	26 AREA = 43.194 m ²	44 AREA = 42.002 m ²	62 AREA = 2.876 m ²	80 AREA = 3.142 m ²	98 AREA = 3.142 m ²	116 AREA = 0.600 m ²	134 AREA = 1.215 m ²	152 AREA = 11.647 m ²
9 AREA = 0.819 m ²	27 AREA = 21.262 m ²	45 AREA = 23.886 m ²	63 AREA = 4.231 m ²	81 AREA = 0.950 m ²	99 AREA = 3.142 m ²	117 AREA = 2.311 m ²	135 AREA = 1.513 m ²	153 AREA = 11.647 m ²
10 AREA = 4.331 m ²	28 AREA = 4.932 m ²	46 AREA = 1.891 m ²	64 AREA = 1.891 m ²	82 AREA = 2.907 m ²	100 AREA = 3.142 m ²	118 AREA = 11.092 m ²	136 AREA = 1.545 m ²	154 AREA = 7.426 m ²
11 AREA = 10.128 m ²	29 AREA = 5.614 m ²	47 AREA = 1.891 m ²	65 AREA = 4.517 m ²	83 AREA = 0.950 m ²	101 AREA = 3.142 m ²	119 AREA = 19.277 m ²	137 AREA = 1.493 m ²	
12 AREA = 5.915 m ²	30 AREA = 9.793 m ²	48 AREA = 1.891 m ²	66 AREA = 0.448 m ²	84 AREA = 20.034 m ²	102 AREA = 28.993 m ²	120 AREA = 3.163 m ²	138 AREA = 1.191 m ²	
13 AREA = 5.610 m ²	31 AREA = 4.155 m ²	49 AREA = 1.891 m ²	67 AREA = 2.157 m ²	85 AREA = 4.665 m ²	103 AREA = 3.142 m ²	121 AREA = 3.163 m ²	139 AREA = 84.146 m ²	
14 AREA = 0.040 m ²	32 AREA = 4.155 m ²	50 AREA = 1.891 m ²	68 AREA = 3.759 m ²	86 AREA = 1.891 m ²	104 AREA = 4.839 m ²	122 AREA = 1.063 m ²	140 AREA = 15.880 m ²	
15 AREA = 0.514 m ²	33 AREA = 4.155 m ²	51 AREA = 1.891 m ²	69 AREA = 4.517 m ²	87 AREA = 4.665 m ²	105 AREA = 0.986 m ²	123 AREA = 1.925 m ²	141 AREA = 1.685 m ²	
16 AREA = 1.680 m ²	34 AREA = 4.155 m ²	52 AREA = 4.461 m ²	70 AREA = 8.161 m ²	88 AREA = 4.296 m ²	106 AREA = 2.034 m ²	124 AREA = 12.581 m ²	142 AREA = 8.478 m ²	
17 AREA = 1.316 m ²	35 AREA = 4.155 m ²	53 AREA = 0.950 m ²	71 AREA = 2.860 m ²	89 AREA = 2.378 m ²	107 AREA = 1.160 m ²	125 AREA = 1.562 m ²	143 AREA = 6.334 m ²	
18 AREA = 0.949 m ²	36 AREA = 4.155 m ²	54 AREA = 1.936 m ²	72 AREA = 1.962 m ²	90 AREA = 3.232 m ²	108 AREA = 0.915 m ²	126 AREA = 3.000 m ²		

GREENERY AT RECREATIONAL FACILITIES FLAT ROOF GREENERY CALCULATIONS

100 AREA = 11.392 m ²
Sub-Total = 11.392 m ²

TOTAL GREENERY (TREES, SHROBS, GRASS / GROUND COVER)
1429.080 + 11.392 = 1440.472 m²

GREENERY AT RECREATIONAL FACILITIES FLAT ROOF (GRASS PAVER)

63 AREA = 158.320 m ²
Sub-Total = 158.320 m ²

GREENERY AT SLOPE TOE/SLOPE (GRASS PAVER)

119 AREA = 191.470 m ²
120 AREA = 2.638 m ²
121 AREA = 184.507 m ²
122 AREA = 28.687 m ²
123 AREA = 603.354 m ²
124 AREA = 7.426 m ²
Sub-Total = 998.082 m ²

GREENERY AT PEDESTRIAN ZONE (WATER FEATURE)

127 AREA = 7.592 m ²
128 AREA = 9.407 m ²
129 AREA = 12.233 m ²
130 AREA = 11.067 m ²
131 AREA = 3.442 m ²
132 AREA = 11.642 m ²
133 AREA = 11.305 m ²
134 AREA = 11.812 m ²
135 AREA = 19.233 m ²
136 AREA = 12.838 m ²
137 AREA = 31.372 m ²
138 AREA = 16.679 m ²
139 AREA = 17.930 m ²
140 AREA = 42.449 m ²
141 AREA = 18.050 m ²
Sub-Total = 236.851 m ²

PEDESTRIAN ZONE				
GREENERY FEATURE	LOCATION	AREA	REDUCTOR FACTOR	TOTAL
WATER FEATURE	LOWER G/F & G/F	236.851	0.500	118.426
GRASS PAVER	RECREATIONAL FACILITIES	158.320	0.600	94.992
	SLOPE/SLOPE TOE	1000.075	1000.075	1000.075
TOTAL =				118.426
MAX. 30% OF THE TOTAL GREENERY AREA=2097.6x30%=629.280m ² >118.426m ²				

TOTAL GREENERY AREA AT PEDESTRIAN ZONE

PROVIDED GREENERY AREA AT PEDESTRIAN ZONE
= 1429.080 m²
= 1429.080 / 10488
= 1429.080 / 10488 x 100%
= 13.626% > 10%

SITE AREA = 10488 m²
MIN. SITE COVERAGE OF GREENERY = 20% OF SITE AREA
10488 x 20% = 2097.600 m²

PROVIDED TOTAL GREENERY AREA = TOTAL GREENERY AREA AT PEDESTRIAN ZONE + T149 TO T154(SLOPE)
1429.080 m² + 118.426 m² + 998.082 m² = 2545.588 m² > 2097.600 m²

*Statement II: The works shown on these plans are Type II works (GENERAL BUILDING WORKS) in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations.

This plan has been processed on a computerized check book under the controlled processing system (as prescribed) in PIA/P 403/15. The duties of the authorized person, registered structural engineer, certified professional engineer, or other person, shall be notified immediately of any discrepancy found therein. COPYRIGHT OF THIS DRAWING RESERVED BY ARCHITECT.

Plan Approved
LEE Wai-kyi
Senior Building Surveyor
for BUILDING AUTHORITY
20 JUL 2018

NO.	DATE	REVISIONS	ISSUED	CHECKED	REVIEWED
15	15/06/18	AMENDMENT			
14	12/01/18	AMENDMENT			
13	29/09/17	AMENDMENT			
12	02/06/17	AMENDMENT			
11	30/12/16	AMENDMENT			
10	19/07/16	AMENDMENT			
09	08/12/15	AMENDMENT			
08	15/06/15	AMENDMENT			
07	20/01/15	AMENDMENT			
06	30/06/14	AMENDMENT			
05	26/03/13	GENERAL REVISION			
04b	15/03/13	GENERAL REVISION			
04	14/12/12	BD SUBMISSION			
03	12/10/12	BD SUBMISSION			
02	17/4/12	BD SUBMISSION			
01	1/2/12	BD SUBMISSION			
00	9/9/11	BD SUBMISSION			

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PROJECT:
PROPOSED RESIDENTIAL DEVELOPMENT AT INLAND LOT NO. 8949 21 BORRETT ROAD HONG KONG

TITLE:
SUSTAINABLE BUILDING DESIGN ASSESSMENT - SITE COVERAGE OF GREENERY

DATE:	08/2011	SCALE:	1:400
DRAWN:	(WY/YW)	CHECKED:	(CL/D)
DESIGNED:	(PY)	REVIEWED:	(DY)
JOB NO.:	DRAWING NO.:	REV. NO.:	

FINAL AMENDED PLAN

31050 B/A10/46 (15)