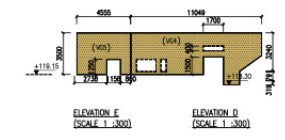
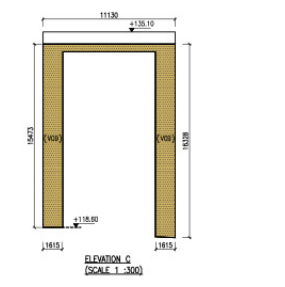
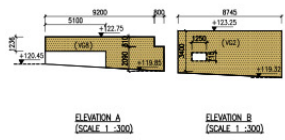
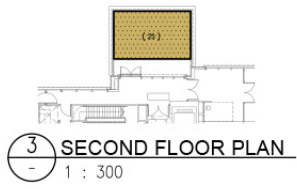
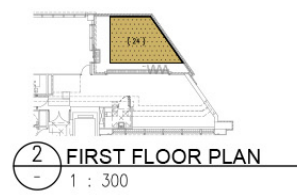


RESIDENTIAL REDEVELOPMENT AT S.T.T.L. 610, TAI PO ROAD, SHA TIN, NEW TERRITORIES  
SUSTAINABLE BUILDING DESIGN CALCULATION – SITE COVERAGE OF GREENERY



**CALCULATION OF GREENERY AREA AT G/F & 1/F & 2/F**

( 1 ) GREENERY AREA	= 242.915
( 3 ) GREENERY AREA	= 10.233
( 4 ) GREENERY AREA	= 1.105
( 5 ) GREENERY AREA	= 17.443
( 6 ) GREENERY AREA	= 25.281
( 7 ) GREENERY AREA	= 30.517
( 8 ) GREENERY AREA	= 17.332
( 9 ) GREENERY AREA	= 11.490
( 10 ) GREENERY AREA	= 21.013
( 11 ) GREENERY AREA	= 13.218
( 13 ) GREENERY AREA	= 10.492
( 14 ) GREENERY AREA	= 14.428
( 16 ) GREENERY AREA	= 19.662
( 17 ) GREENERY AREA	= 2.274
( 18 ) GREENERY AREA	= 3.214
( 19 ) GREENERY AREA	= 22.288
( 21 ) GREENERY AREA	= 1.303
( 22 ) GREENERY AREA	= 5.721
( 23 ) GREENERY AREA	= 6.842
( 24 ) GREENERY AREA	= 18.619
( 25 ) GREENERY AREA	= 26.074
<b>TOTAL</b>	<b>= 521.464 s.m.</b>

**CALCULATION OF VERTICAL GREENERY AREA AT G/F**

( V2 )	= 31.756
( V4 )	= 32.742
( V5 )	= 14.493
( V8 )	= 19.145
( V9 )	= 57.853
<b>TOTAL</b>	<b>= 155.989 s.m.</b>

**CALCULATION OF COVERED GREENERY AREA AT G/F**

( C1 )	= 3.358
( C2 )	= 2.633
( C3 )	= 1.370
( C4 )	= 0.531
( C5 )	= 5.065
( C6 )	= 0.236
( C7 )	= 2.858
( C8 )	= 0.558
<b>TOTAL</b>	<b>= 16.609 s.m.</b>

<b>TOTAL GREENERY AREA</b>	<b>= 521.464</b>
GREENERY AREA	= 521.464
VERTICAL GREENERY	= 155.989
COVERED GREENERY	= 16.609
<b>TOTAL</b>	<b>= 694.062 s.m.</b>

**SITE COVERAGE OF GREENERY**

SITE AREA	= 3300 s.m.
MINIMUM SITE COVERAGE OF GREENERY	= 20% min.
1000 s.m. < 3300 s.m. (A) < 20000 s.m.	
OVERALL GREENERY AREA REQUIRED	= 660 s.m.
3300 s.m. x 20%	
PROPOSED OVERALL GREENERY AREA PROVIDED	= 694.062 s.m.
OVERALL GREENERY AREA PROVIDED	= 21.032% > 20% (MIN.)
694.062 / 3300 x 100%	
GREENERY AREA AT PRIMARY ZONE REQUIRED	= 330 s.m.
3300 s.m. x 10%	
GREENERY AREA AT PRIMARY ZONE PROVIDED	
[ GREENERY AREA + VERTICAL GREENERY + COVERED GREENERY ] x 100%	
3300	
[ 521.464 + 155.989 + 16.609 ] x 100%	
3300	
= 21.032% > 10% (MIN.)	
PERCENTAGE OF VERTICAL GREENERY AND COVERED GREENERY PROVIDED	
[ 155.989 + 16.609 ] / 660 x 100%	
= 26.151 % < 30% OF TOTAL GREENERY AREA REQUIRED	