

# GREENERY AREA CALCULATION

SITE AREA = 1203.642 s.m. < 20000 s.m.  
 REQUIRED COVERAGE ON PRIMARY ZONE = 10% (MIN.) (UNDER APP-152)  
 REQUIRED TOTAL SITE COVERAGE OF GREENERY = 20% (MIN.) (UNDER APP-152)  
 PROPOSED GREENERY AREA FOR PRIMARY ZONE:  
 GREENERY AREA CALCULATION AT HORIZONTAL GREEN AREA

- G1 = 1.942 s.m.
  - G2 = 19.929 s.m.
  - G3 = 3.417 s.m.
  - G4 = 2.228 s.m.
  - G5 = 3.564 s.m.
  - G6 = 34.307 s.m.
  - G7 = 49.532 s.m.
  - G8 = 9.112 s.m.
  - G9 = 64.005 s.m.
  - G11 = 1.753 s.m.
  - G10 = 4.395 s.m.
- TOTAL = 194.184 s.m.

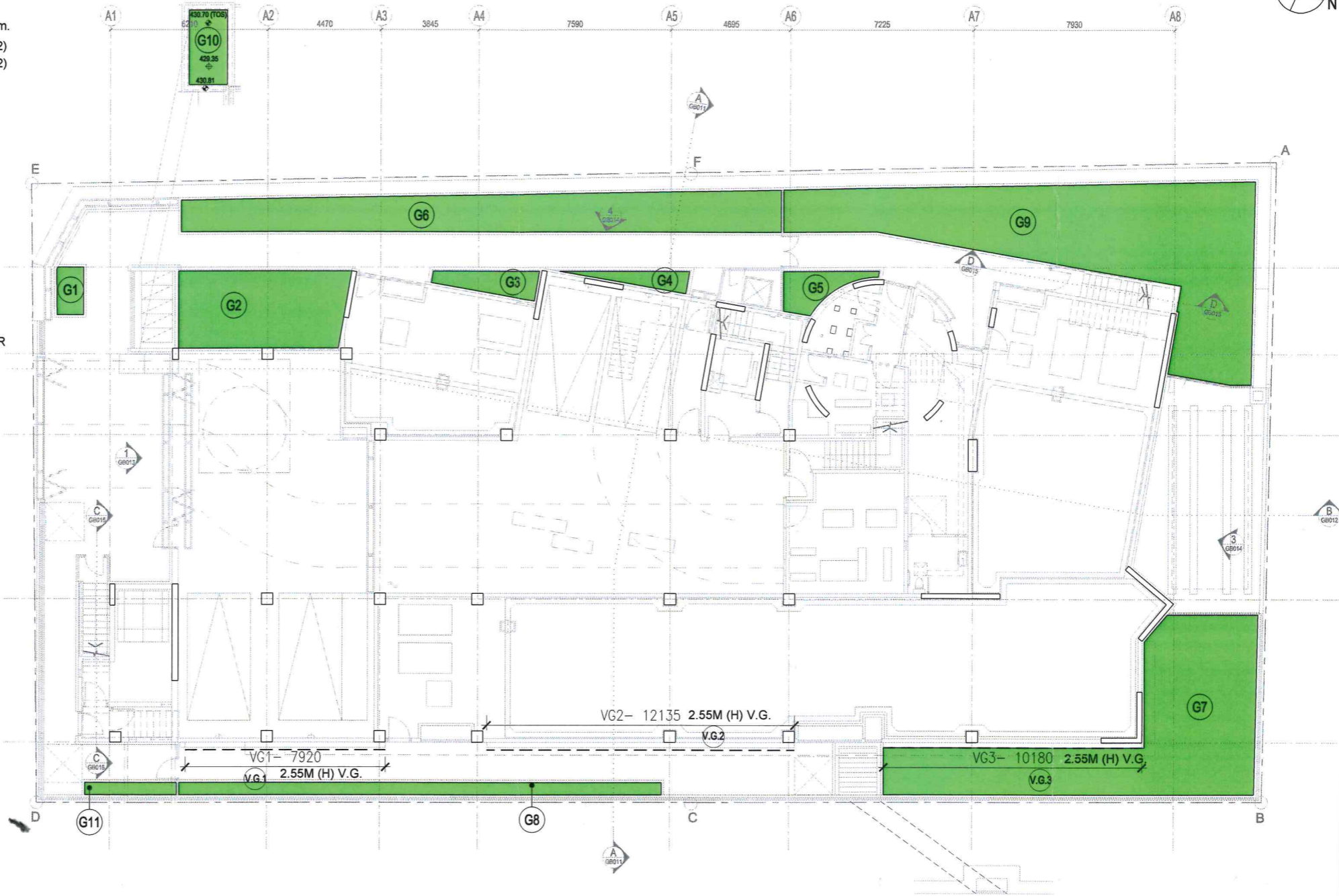
GREENERY ON G/F

GREENERY ON TOP OF F.S. & SPRINKLER INLET (WITHIN PRIMARY ZONE)

## GREENERY AREA CALCULATION AT VERTICAL GREEN AREA

TOTAL LENGTH = 30.235 m. x 2.4m. HEIGHT  
 TOTAL = 72.564 s.m. > 72.218 s.m.  
 (30% OF TOTAL REQUIRED GREENERY)  
 TOTAL GREENERY AREA :  
 HORIZONTAL GREEN = 194.184 s.m.  
 VERTICAL GREEN = 72.218 s.m.  
 TOTAL = 266.402 s.m. > 240.728 s.m.  
 (MIN. TOTAL GREEN AREA)

ACTUAL SITE COVERAGE OF GREENERY FOR PRIMARY ZONE =  $\frac{\text{GREENERY AREA ON PRIMARY ZONE}}{\text{SITE AREA}} \times 100\%$   
 =  $\frac{266.402}{1203.642} \times 100\%$   
 = 22.133 % > 10 % (REQUIRED COVERAGE ON PRIMARY ZONE)  
 ACTUAL TOTAL SITE COVERAGE OF GREENERY =  $\frac{\text{TOTAL SITE COVERAGE OF GREENERY}}{\text{SITE AREA}} \times 100\%$   
 =  $\frac{266.402}{1203.642} \times 100\%$   
 = 22.133 % > 20 % (REQUIRED TOTAL SITE COVERAGE OF GREENERY)



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 F.S.D. Ref. FP B/8600  
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Design Architect  
**REMEDIOS STUDIO**  
 Structural Engineer & Geotechnical Engineer  
**WSP**  
 WSP (ASIA) LTD.  
 Building Services Engineer & BEAM Consultant

**ATKINS**  
 ATKINS CHINA LTD.  
 Client  
**MASTER STEP LIMITED**

Project  
**RESIDENTIAL RE-DEVELOPMENT AT NO. 34 MOUNT KELLETT ROAD, R.B.L. 117 S.A. AND R.P., HONG KONG**  
 Drawing Title  
**PLAN & SCHEDULE OF GREENERY AREA CALCULATION DEMONSTRATION**

Job No.	Drawing No.	Revision No.
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**lwk&partners**  
 architects  
 15F, North Tower, World Finance Centre, Harbour City, Tsim Sha Tsui, Kowloon.  
 T: 852-2574-1833 F: 852-2572-4808 E: hwk@lwk.com  
 樓宇建築師(香港)事務所有限公司  
 九龍尖沙咀海濱城環球金融中心北座15樓

# GREENERY AREA CALCULATION DEMONSTRATION (IN ACCORDANCE TO PNAP APP-152)