

1 GROUND LEVEL PLAN
1:300

No.	Date	Descriptions
Revision		
Client		



Lead Consultant / Authorised Person

meta4 design forum ltd.
Architecture · Interiors

RM, 1712-13, 17/F, WING SANG HONG CENTRE,
151-153 HOI BUN ROAD, KWUN TONG, HONG KONG.

Structural Sub-Consultant
ESA Consult Engineers Ltd.

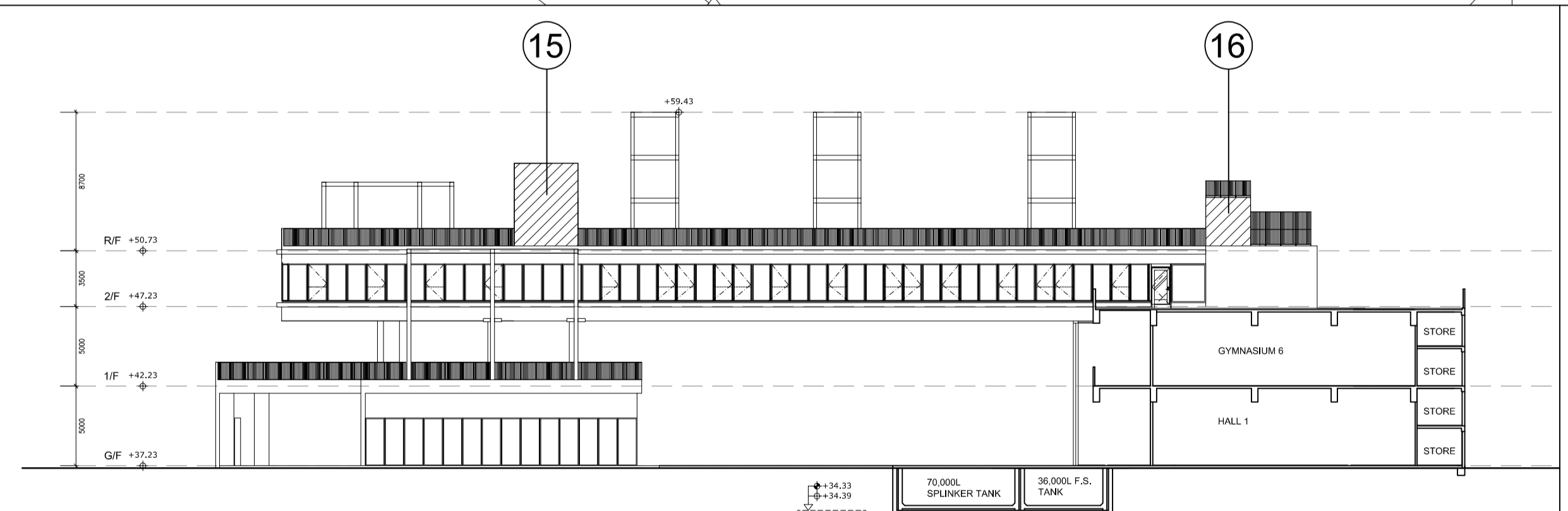
Building Services Sub-Consultant
Thomas Anderson & Partners (HK) Ltd

Contract Title :
**REDEVELOPMENT OF
DUKE OF EDINBURGH CAMP
AT LAM TSUEN, TAI PO**

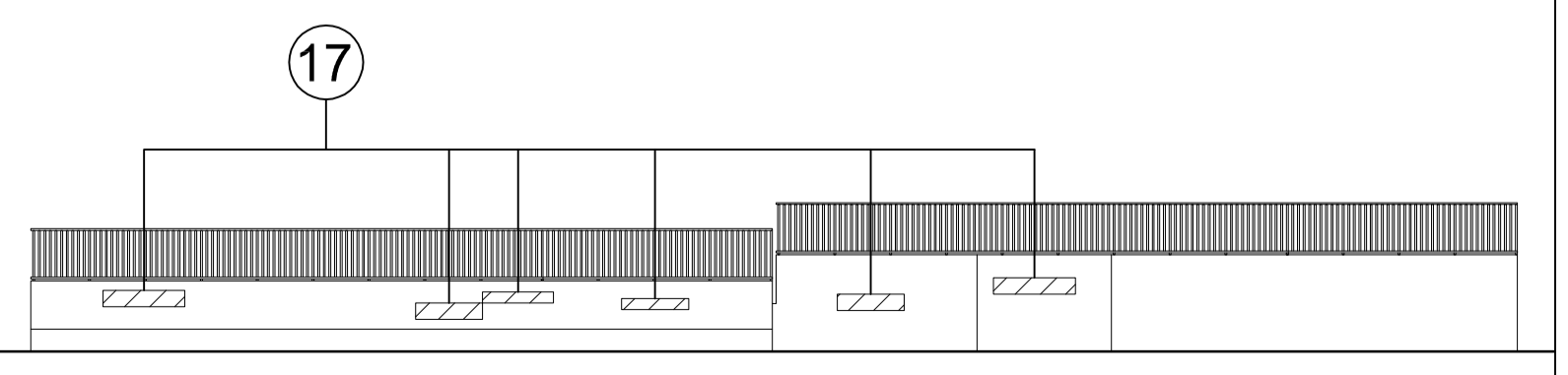
Drawing Title :
SITE COVERAGE OF GREENERY CALCULATION

Scale (REFER TO DWGS)	Drawing no. GSC-01
Date FEB 2020	Rev.
Drawn Meta4	

- ALL DIMENSIONS ARE IN MILLIMETER EXCEPT OTHERWISE NOTED
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2 NORTH-EAST ELEVATION
1:300



3 FENCE WALL ELEVATION
1:300

B/F & G/F GREENERY (WITHIN 15M VERTICALLY FROM ROAD LEVEL)

PLANTERS FOR NEW GREENERY (UNCOVERED):
 ① + ② + ③ + ④ + ⑤ + ⑬ + ⑭
 = 338.24 + 76.104 + 180.583 + 12.577
 + 148.05 + 29.006 + 12.294 SQ.M.
 = 796.854 SQ.M.

PLANTERS FOR EXISTING TREES (UNCOVERED):
 ⑥ + ⑦ + ⑧ + ⑨ + ⑱
 = 34.862 + 52.220 + 3.00 + 18.095
 + 3.121 SQ.M.
 = 111.298 SQ.M.

PLANTERS FOR NEW GREENERY (COVERED &
 WITHIN 45 DEG. FROM BUILDING EDGE):
 2A = 8.662 SQ.M. x 50%
 = 4.331 SQ.M.

GREENERY ON FORMED SLOPE (UNCOVERED):
 ⑪ + ⑫
 = 273.040 + 98.269 SQ.M. = 371.309 SQ.M.

GREENERY ON EXISTING SLOPE (UNCOVERED):
 ⑩ = 126.010 SQ.M.

VERTICAL GREEN WALL:
 ⑰ = 4.5 SQ.M.

VERTICAL GREEN WALL (OVER 15M VERTICALLY FROM ROAD LEVEL)

⑮ = 16.4 SQ.M. ⑯ = 11.88 SQ.M.

TOTAL PRIMARY ZONE GREENERY:
 = 796.854 + 111.298 + 4.331 + 371.309
 + 126.010 + 4.5 SQ.M.
 = 1,414.302 SQ.M. > 720 SQ.M.

MIN. PRIMARY ZONE GREENERY REQUIRED:
 = 7,200 SQ.M. x 10%
 = 720 SQ.M.

TOTAL OVERALL GREENERY:
 = 1,414.302 + 16.4 + 11.88 SQ.M.
 = 1,442.582 SQ.M. > 1,440 SQ.M.

MIN. OVERALL GREENERY REQUIRED:
 = 7,200 SQ.M. x 20%
 = 1,440 SQ.M.