

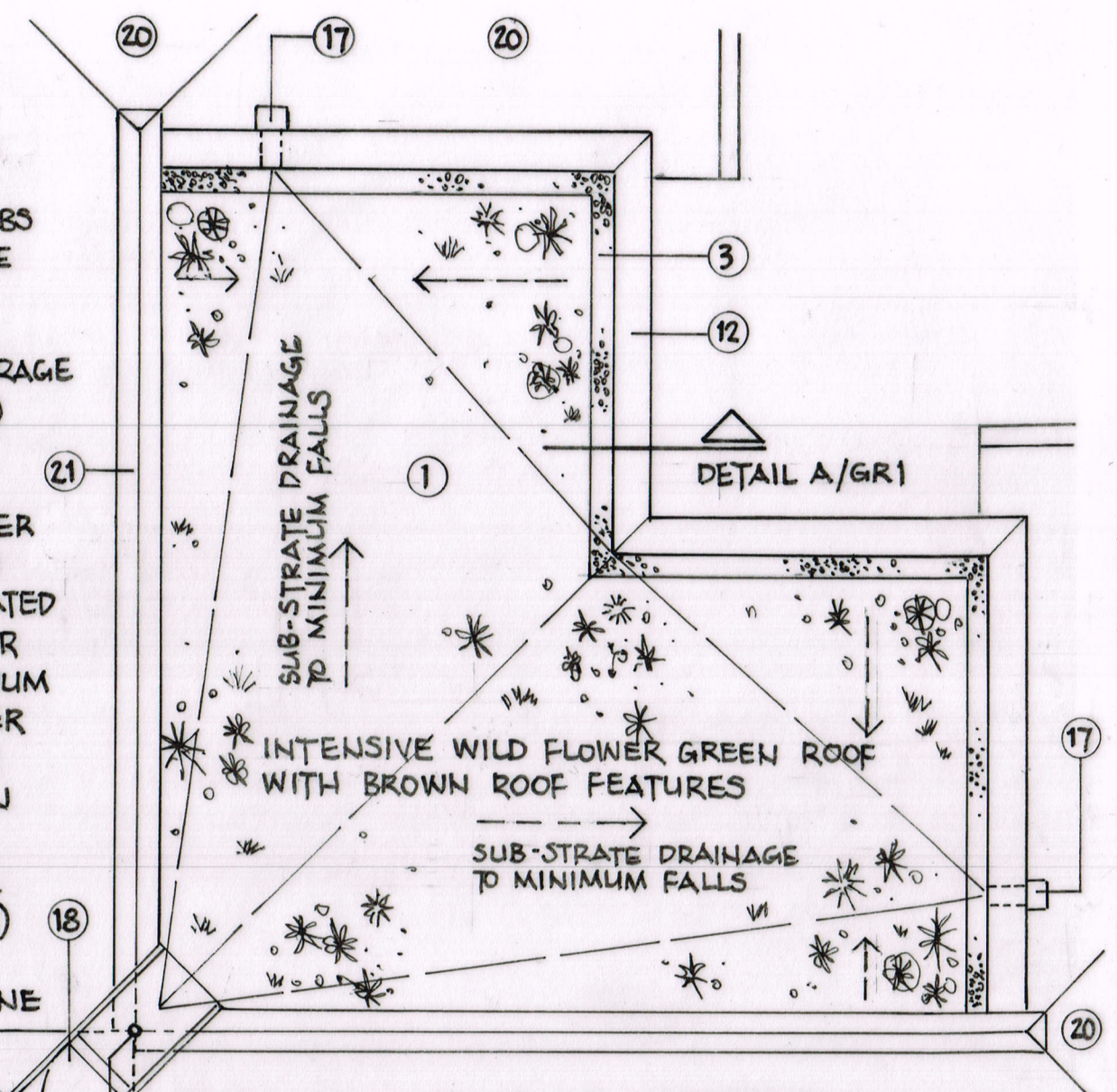
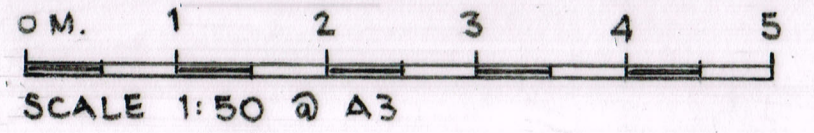
DETAIL A/GR1
SCALE 1:5 @ A3

INTENSIVE WILDFLOWER GREEN ROOF WITH BROWN FEATURES

SUCH A GREEN ROOF ENCOURAGES GREATER BIO-DIVERSITY. IT WOULD ATTRACT A RANGE OF BIRDS AND POLLINATING INSECTS, NOTABLY BEES AND BUTTERFLIES. IT REQUIRES AN ORGANIC GROWING MEDIUM, A MINIMUM 150 MM. DEEP, WITH A MONITORED WATERING AND MAINTENANCE REGIME. WITH BROWN FEATURES, AREAS WOULD BE LEFT TO 'SELF-VEGETATE' FROM WINDBLOWN & BIRD SEED DISPERSAL THUS CREATING A MORE NATURAL HABITAT THAT REFLECTS SURROUNDING FLORA AND FAUNA. THE IRRIGATION SYSTEM WOULD BE FED FROM HARVESTED RAINWATER STORAGE TANK, AND WOULD ALSO IRRIGATE THE ADJACENT GREEN (LIVING) WALL.

NOTES

1. INTENSIVE GREEN ROOF GROWING MEDIUM WITH BROWN ROOF FEATURES SUITED TO NATIVE WILD FLOWERS, GRASSES & HERBS
2. GALVANISED STEEL PLATE EDGE CONTAINMENT
3. ALLUVIAL PEBBLES WITH DRAINAGE TO WATER STORAGE LAYER (REFER ITEM NO. 4)
4. 'ZINCO AQUATEC AT 45' WATER DISTRIBUTION, STORAGE & DRAINAGE LAYER
5. INTEGRATED IRRIGATION PIPED SYSTEM FOR REGULATED CAPILLARY ACTION WATER SUPPLY TO GROWING MEDIUM
6. ROOT PROTECTION LAYER
7. WATERPROOFING LAYER
8. NOM. 100MM. INSULATION LAYER WITH PLYWOOD SHEATHING LAID TO MIN. FALLS (REFER ROOF PLAN)
9. NOM. 200MM. THICK SIP/ STRUCTURAL FRAMING ZONE
10. NOM. 250MM. THICK SIP/ STRUCTURAL FRAMING
11. FIBRE CEMENT EXTERNAL FACING BOARD
12. FIBRE CEMENT BOARD LINED TIMBER COPING
13. BREATHER MEMBRANE
14. VAPOUR CONTROL MEMBRANE
15. SKIMMED PLASTERBOARD CEILING ON TIMBER BATTENS
16. SKIMMED PLASTERBOARD WALL FACING ON TIMBER BATTENS
17. FILTERED EXCESS WATER OUTLET RETURN TO RAINWATER STORAGE TANK
18. MAINTENANCE ACCESS LADDER FROM ROOF TERRACE BELOW
19. SAFETY HARNESS CONNECTION POINT
20. PROPOSED MATCHING ROOF TILES
21. PROPOSED MATCHING RIDGE TILES



PLAN OF INTENSIVE GREEN ROOF
(REFER TO ROOF PLAN DWG. 19.001 - P5)
SCALE 1:50 @ A3

MAINTENANCE ACCESS TO THE GREEN ROOF WOULD BE PROVIDED FROM THE SOUTH-WEST ROOF TERRACE BY MEANS OF A SAFETY LADDER WITH A SAFETY HARNESS RESTRAINT WHEN ACCESSING THE GREEN ROOF.

INTENSIVE GREEN ROOF DETAILS

PROPOSED 3NO MAISONNETTES
SITE ON CORNER OF ROSELEIGH CLOSE
AND CAMBRIDGE PARK, EAST TWICKENHAM
SCALE: AS SHOWN @ A3 JANUARY 2023
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DRAWING No. 19.001 - GR1