

STORM WATER SUDS / ATTENUATION TANK DESIGN NOTES

Refer to Cowan Consultancy storm water drainage design calculations for further details:

Existing site run off during design storm
= 16.97 L/s (366.5 m³)

Proposed site run off after development during design storm
= 32.33 L/s (698.4 m³)

Therefore run off from site at storm water discharge position will be limited to the existing site design storm runoff using a flow control device such as Tubosider.

An attenuation tank has been sized to temporarily store the required storm water on site as noted on the drainage plans and within the noted Cowan Consultancy storm water design calculations.

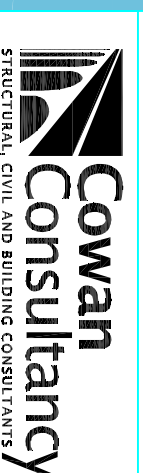


NOTES

1. This drawing is to be read in conjunction with all relevant Engineers and Architects drawings, and the Specification.
2. All dimensions are in millimetres unless noted otherwise.
3. All levels are in Metres Above an arbitrary datum and not to Ordnance Datum.
4. In accordance with CDM Regulations 2001 the Contractor is to:
 - Notify HSE of works.
 - Comply with the requirements of Health and Safety Plan(if applicable)
 - Provide risk assessments and method statements for all potential hazards relevant to this project.
5. The main contractor shall be responsible for the setting out and accuracy of all dimensions. He shall satisfy himself that the information given is correct and any discrepancies should be noted to the Engineer immediately.
6. DO NOT SCALE. If discrepancy or query arises on dimensions consult Engineer.
7. The Contractor is responsible for specifying product and codes and ordering of drainage materials.
8. All drainage to be installed to BS5955 Pt6 and in strict accordance with the manufacturers instructions.
9. All PVC-U drainage products to conform to BS EN1401 & Kite mark certified in accordance with specification.
10. All drainage pipes on this drwg to be 100mmØ unless shown otherwise. Min. falls 1/80 for foul and 1/100 for storm drainage.
11. Cover grades are in accordance with BS497 Pt 1
12. Cover Grades : – D400 – carriageways.
13. B125 – carriageways for slow traffic.
14. A15 – inaccessible to vehicles
15. Sewer runs and manholes to be adopted one to be in accordance with Sewers for Adoption, 5th Edition.
16. Any drainage laid less than 600mm below FSL to be covered with a minimum 150mm Gen 3 grade concrete to half depth.
17. No foul drainage sewer connection works to be undertaken until permission to discharge has been granted by Wessex Water.
18. Sockaways to be a minimum of 5.0m from new buildings.
19. Provide 100x100 PCC lintel max span 650mm where s/wp exit the building.
20. ACO channels installed and bedded to manufacturers requirements.

[illegible]

Status	By	Revision	QAD	Chk'd	Ref



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Client: Alpine Homes Ltd.

Project Yachthaven Site
Cope Lane, Hayling Island

Drainage General Arrangement
Drawing 2 of 2

Date	July 17	Scale	1/250	Dwg. No.	393579-101P3
Drawn	EG	Chk'd	gwb		