

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)

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.

design calculations.



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. All levels are in Metres Above an arbitrary datum and not to Ordnance Datum.
3. 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.
4. 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.
5. DO NOT SCALE. If discrepancy or query arises on dimensions consult Engineer.
6. The Contractor is responsible for specifying product and codes and ordering of drainage materials.
7. All drainage to be installed to BS5955 Pt6 and in strict accordance with the manufacturers instructions.
8. All PVCu drainage products to conform to BS EN1401 & Kite mark certified in accordance with specification.
9. All drainage pipes on this draw to be 100mmø unless shown otherwise. Min. falls 1/80 for foul and 1/100 for storm drainage.
10. Cover grades are in accordance with BS497 Pt 1 Class C grades. D1400 covergradients.
11. C125 cover grades for slip traffic.
12. A15 – inaccessible to vehicles
11. Sewer runs and manholes to be adopted are to be in accordance with Sewers for Adoption, 5th Edition.
12. Any drainage laid less than 600mm below FOL to be covered with minimum 150mm Gen 3 grade concrete to half diameter.
13. No foul drainage sewer connection works to be undertaken until permission to discharge has been granted by Wessex Water.
14. Soddoways to be a minimum of 5.0m from new buildings.
15. Provide 100x100 PCC Intel max span 650mm where syp exit the building.
16. ACO channels installed and bedded to manufacturers requirements.

Date	By	Revision	QAD	CHK'd	Ref
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 Cowan Consultancy STRUCTURAL, CIVIL AND BUILDING CONSULTANTS	Also at: Landguard Moor Road Landguard, Kent Isle of Wight PO37 7JB	
	Tel: 01489 577486 Fax: 01489 579875 consultants@cowanconsult.co.uk www.cowanconsult.co.uk	
3 Turnberry House 4400 Parkway Whiteley Fareham Hampshire PO15 7YJ	Client: Alpine Homes Ltd.	
Project: Yacht Haven Site Copse Lane, Hoyling Island	Title: Drainage General Arrangement	
Date: July 17	Scale: 1/250	Dwg. No: 393579-101P2
ECF CH'd ASD		