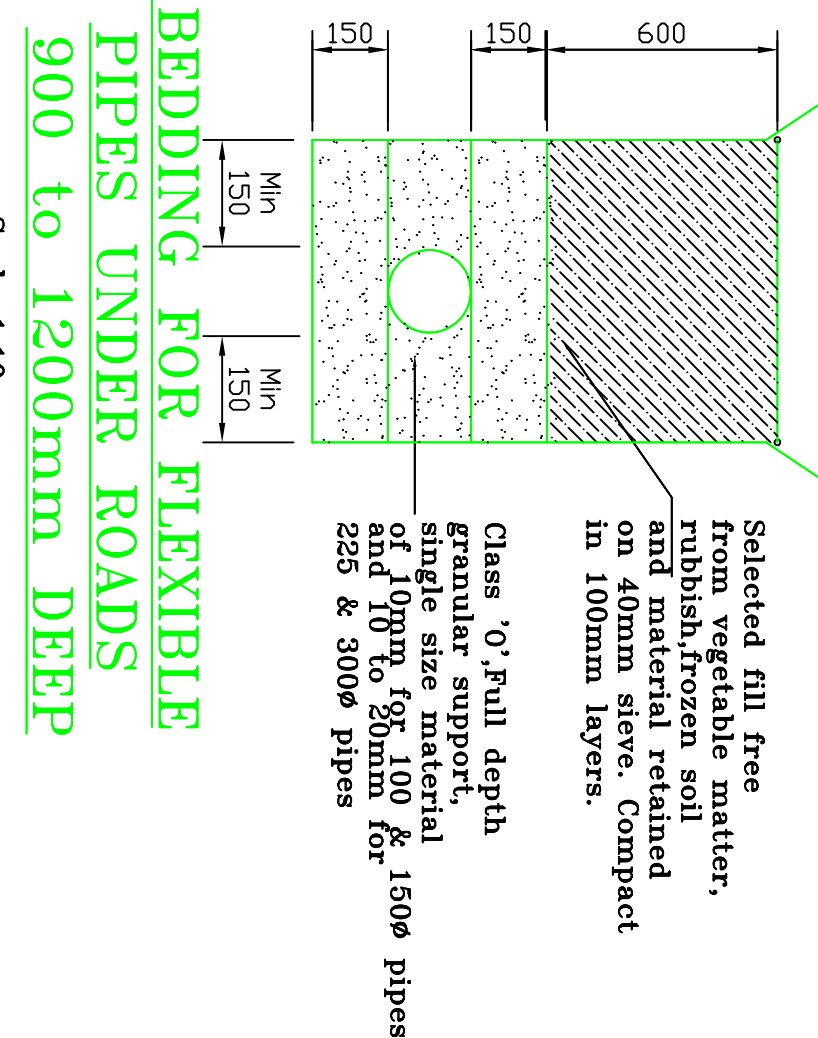


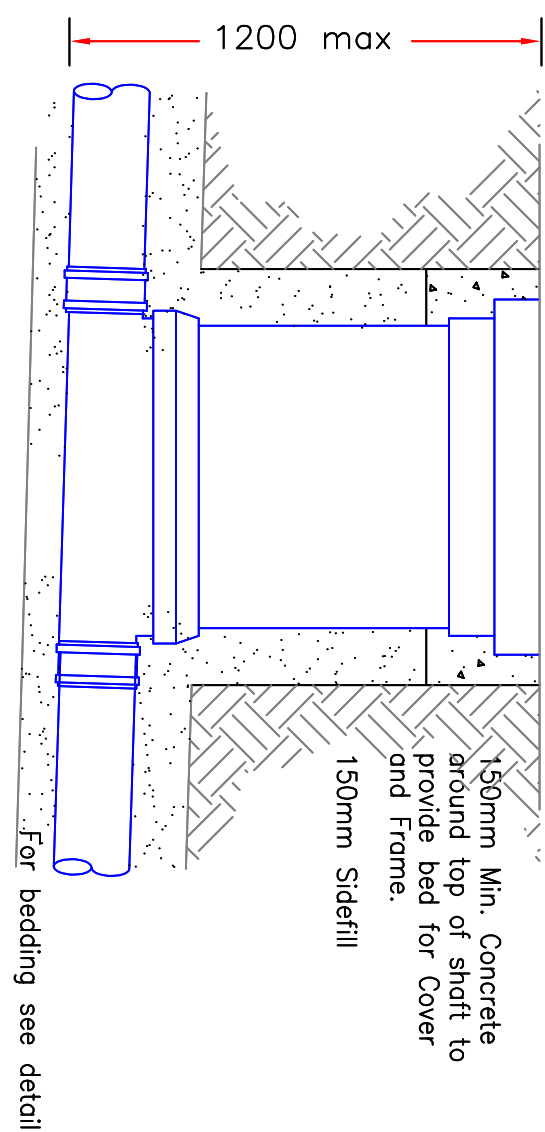
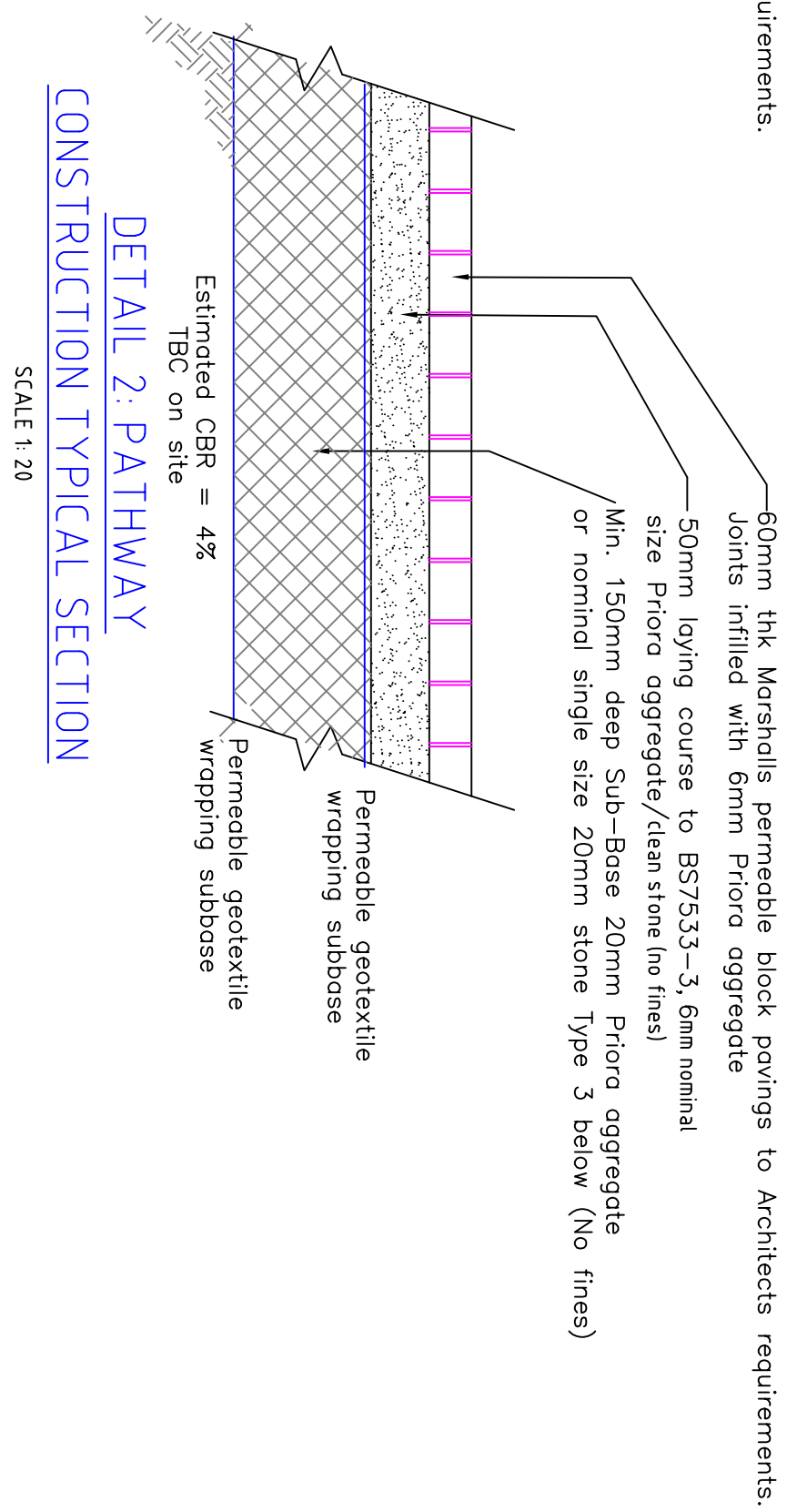
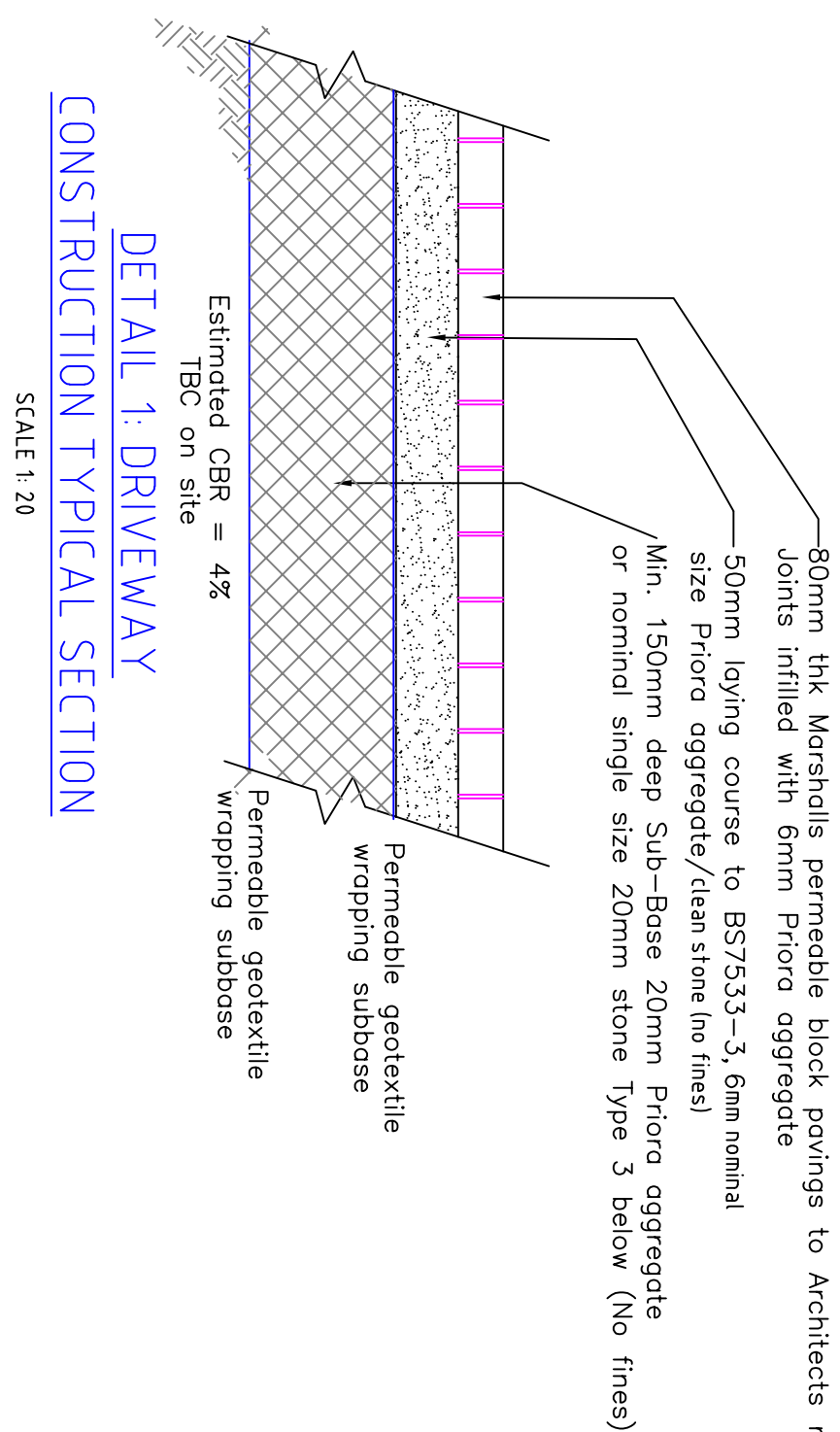
1. This drawing is to be read in conjunction with all relevant Engineers and Architects drawings, and the Specification.

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 2015 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 P16 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 dng to be 100mmØ unless shown otherwise. Mn. falls 1/80 for foul and 1/100 for storm drainage.
10. Cover grates and gully gratings are in accordance with BS497 P1 – D400 – catwalkways for slow traffic. B125 – catwalkways for slow traffic. A15 – inaccessible to vehicles
11. Sewer runs and manholes to be adopted ore to be in accordance with Sewers for Adoption, 6th Edition.
12. Any drainage laid less than 600mm below FGL to be covered with minimum 150mm Gen 3 grade concrete to half diameter.
13. No foul drainage sewer connection works to be undertaken until correct licence has been granted by the required authorities.
14. Stormwater sockaways to be a minimum of 5.0m from new buildings.
15. Provide 100x100 PCC intelr max span 650mm where s/wp exit the building.
16. ACO channels installed and bedded to manufacturers requirements.



Maintenance Schedule	Required action	Typical frequency
Regular maintenance	Inspects for sediment and debris in pre-treatment components and floor of inspection tube, sump or chamber and inside of grate units Cleaning of gutters and any filter on downpipes Trimming any roots that may be causing blockages	Annually or as required
Occasional maintenance	Remove sediment and debris from pre-treatment components and floor of inspection tube, sump or chamber and inside of grate units (sedasany, ardy or replace or clean out fill if performance deteriorates a failure occurs	As required, based on inspections
Remedial actions	Inspects silttraps and note rate of sediment accumulation	Monthly in the first year and then annually
Monitoring	Check Attenuation tank to ensure emptying is occurring	Annually

Permeable Pavement operation and Maintenance Requirements		
Maintenance Schedule	Required action	Typical frequency
Regular maintenance	Remove rubbish and debris	Monthly, or as required
	Remove any vegetation growth	Monthly (during growing season), or as required
	Manage other vegetation and remove nuisance plants	Monthly at start, then as required
Occasional maintenance	Inspect inlets, outlets and overflows for blockages, and clear if required	Monthly
	Inspect vegetation coverage	Monthly for 6 months, quarterly for 2 years, then half yearly
	Inspect inlets and facility surface for silt accumulation, establish appropriate silt removal frequencies	Biannual
Remedial actions	Removal of weeds or management using ~~herbicides~~ applied directly into the weeds by an applicator rather than spraying	As required - once per year on less frequently used pavements
	Remediate any landscaping which, through vegetation maintenance or soil slip, has been raised to within 50 mm of the level of the paving	As required
	Remove any loose aggregate, cutting and stacked kerbside blocks considered detrimental to the structural performance or a hazard to users, and replace lost jointing material	As required
Remedial actions	Rehabilitation of surface and upper substructure by remedial sweeping	As required
	Remove build-up of sediment on areas running off into permeable areas	As required
	Remove and dispose of oil or petrol residues using safe standard practices	As required



Date		By		Revision		OAD		Chkd		Ref	
 Cowan Consultancy Also at: Landguard Manor Landguard Manor Road Isle of Wight PO37 7AB											
PRELIMINARY											
Status											
3 Turnberry House 4400 Parkway Whiteley Havant Hampshire PO15 7JU											
Client Alex Eggett											
Project Webb Close, Paghman											
DRAINAGE DETAILS											
Title											
Date		Sept 2018		Scale		1/100		Dwg. No.			
Drawn		EG		Chkd		OAD					
3937668-101P3											