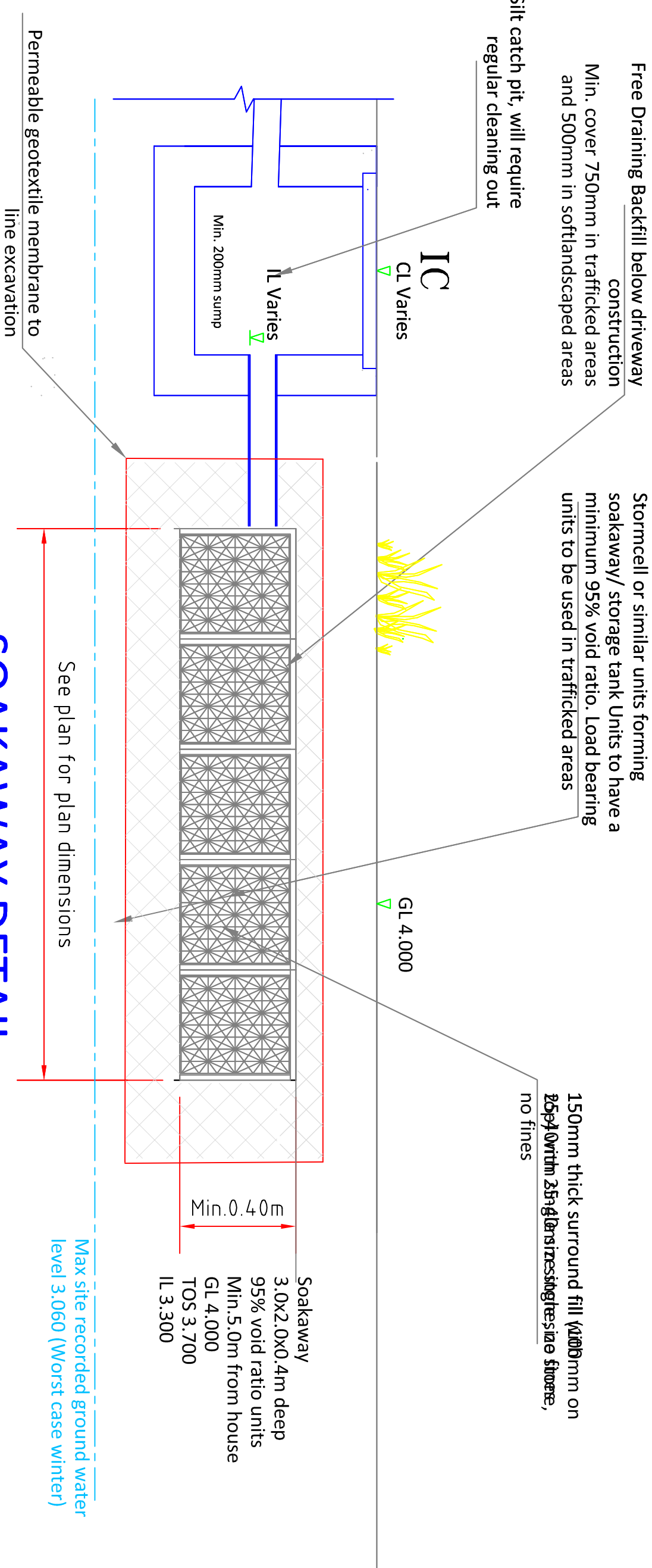
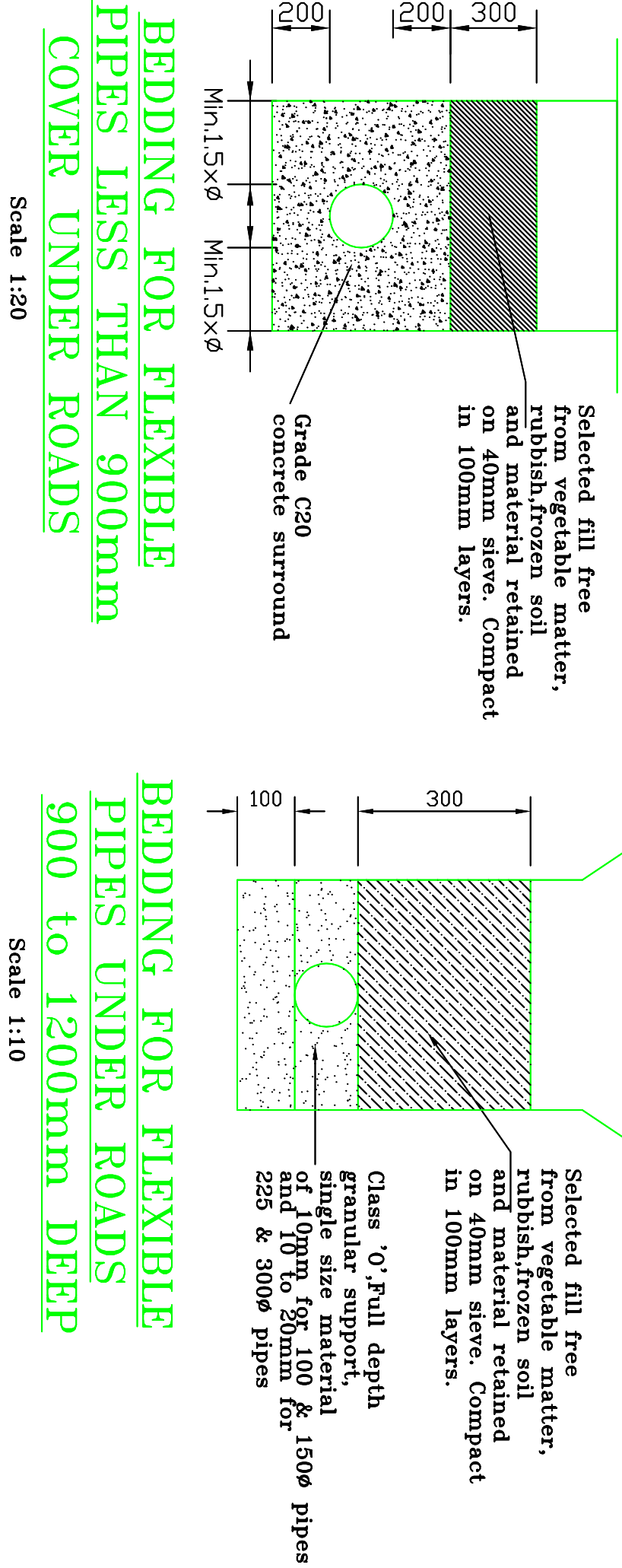


NOTES

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. All levels are in metres Above on 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 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 dwg to be 100mmØ unless shown otherwise. Min. falls 1/80 for foul and 1/100 for storm drainage.
10. Cover grates and gully gratings are in accordance with BS437 Pt1 – D400 – carriageways. B125 – carriageways for slow traffic. A15 – inaccessible to vehicles
11. Sewer runs and manholes to be adopted are 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 soakaways to be a minimum of 5.0m from new buildings.
15. Provide 100x100 PCC lintel max span 650mm where svp exit the building.
16. ACO channels installed and bedded to manufacturers requirements.



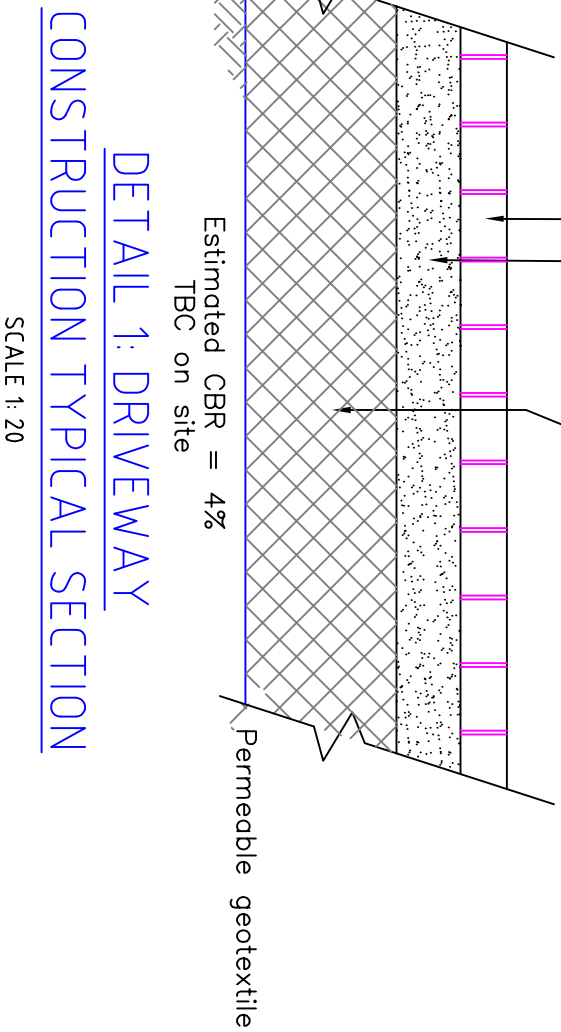
Soakaway tanking operation and Maintenance Requirements

Maintenance Schedule	Required action	Typical frequency
Regular maintenance	Inspect 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 filters on downpipes Trimming any roots that may be causing blockages	Annually Annually or as required 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 / soakaway and/or replace or clean void fill if performance deteriorates or failure occurs	As required Monthly in the first year and then annually
Remedial actions	As required	As required
Monitoring	Check Attenuation tank to ensure emptying is occurring	Annually

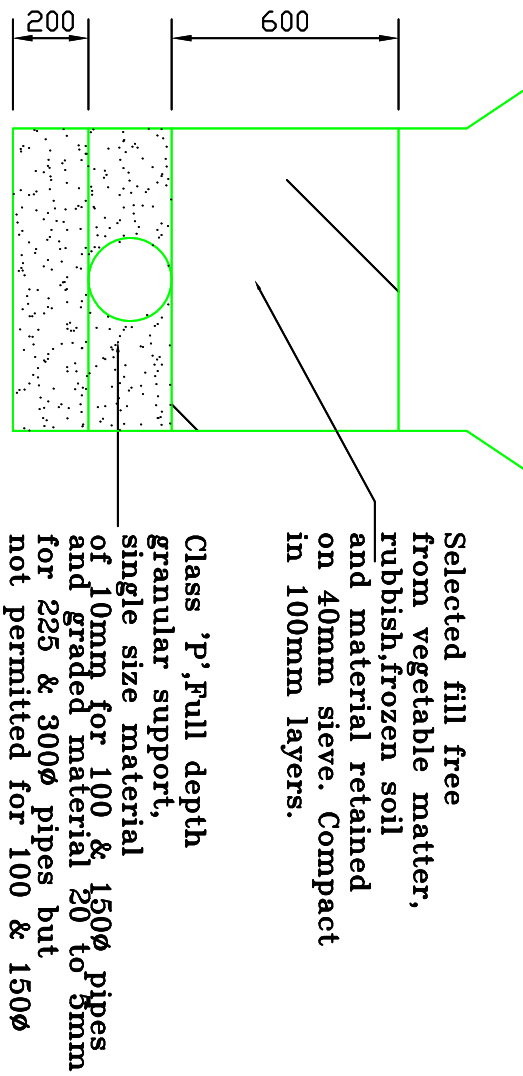
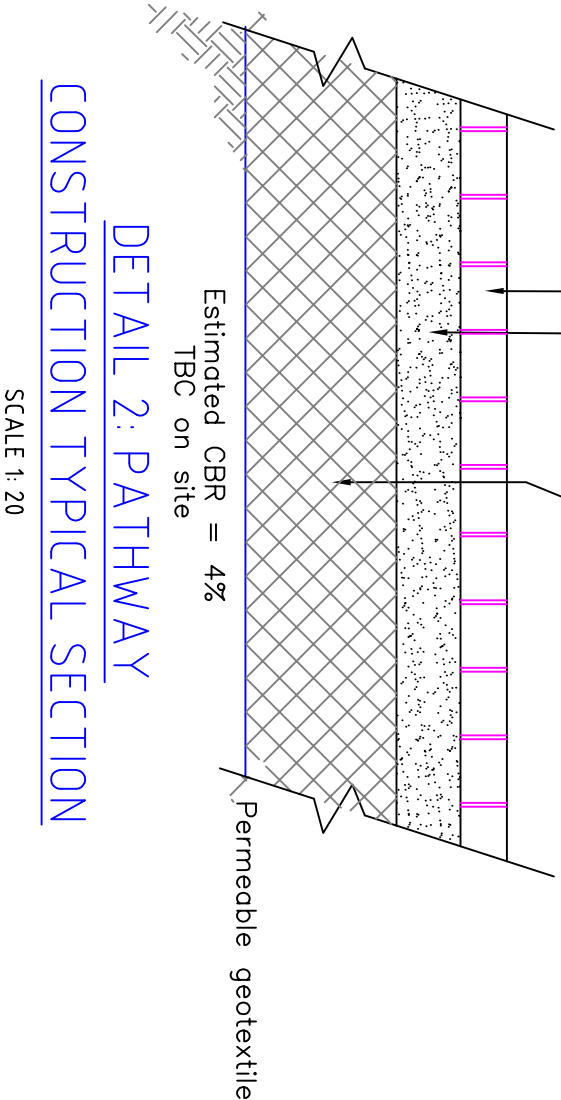
Permeable Pavement operation and Maintenance Requirements

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

80mm thk Marshalls permeable block pavings to Architects requirements.
Joints infilled with 6mm Priora aggregate
50mm laying course to BS7533-3, 6mm nominal size Priora aggregate/clean stone (no fines)
Min. 150mm deep Sub-Base 20mm Priora aggregate or nominal single size 20mm stone Type 3 below (No fines)

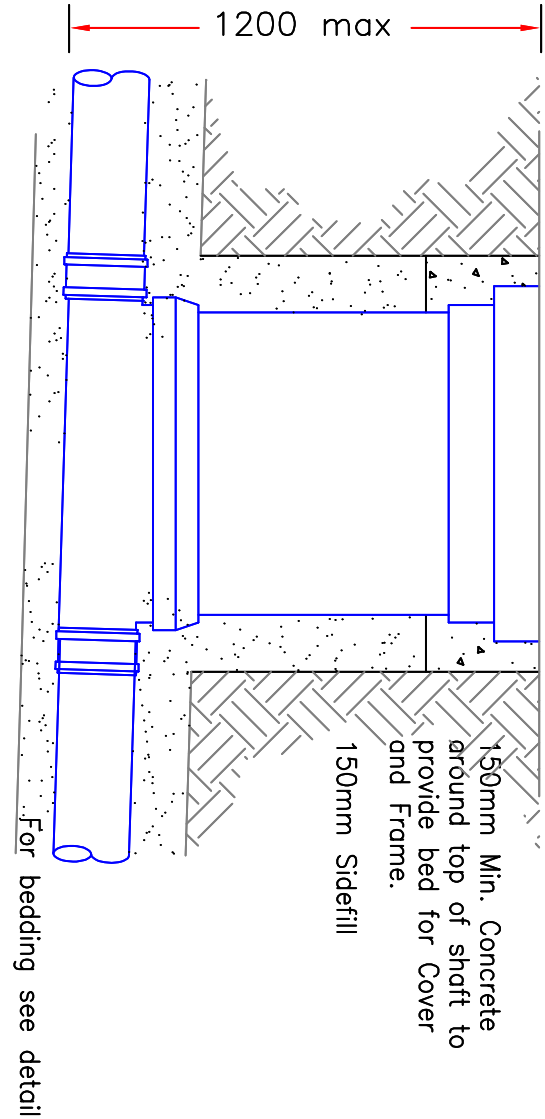


60mm thk Marshalls permeable block pavings to Architects requirements.
Joints infilled with 6mm Priora aggregate
50mm laying course to BS7533-3, 6mm nominal size Priora aggregate/clean stone (no fines)
Min. 150mm deep Sub-Base 20mm Priora aggregate or nominal single size 20mm stone Type 3 below (No fines)



BEDDING FOR OTHER FLEXIBLE PIPES

Scale 1:10



450mmØ INSPECTION CHAMBER TYPICAL INSTALLATION

(1:10)

Date	By	Revision	QAD	CHK'd	Ref.
Status					
PRELIMINARY					
 Also at: Landguard Manor Road Spunkin Leeds LS27 7JF					
STRUCTURAL, CIVIL AND BUILDING CONSULTANTS					
3 Turnberry House 4400 Parkway Whiteley Worleham Hove BN1 9JF PO15 7TU					
Client: Alex Egert					
Project: Webb Close, Pogram					
Title: DRAINAGE DETAILS					
Date	Sept 2018	Scale	1/100	Dwg. No.	
Drawn	EG	CHK'd	QAD	393768-101P1	