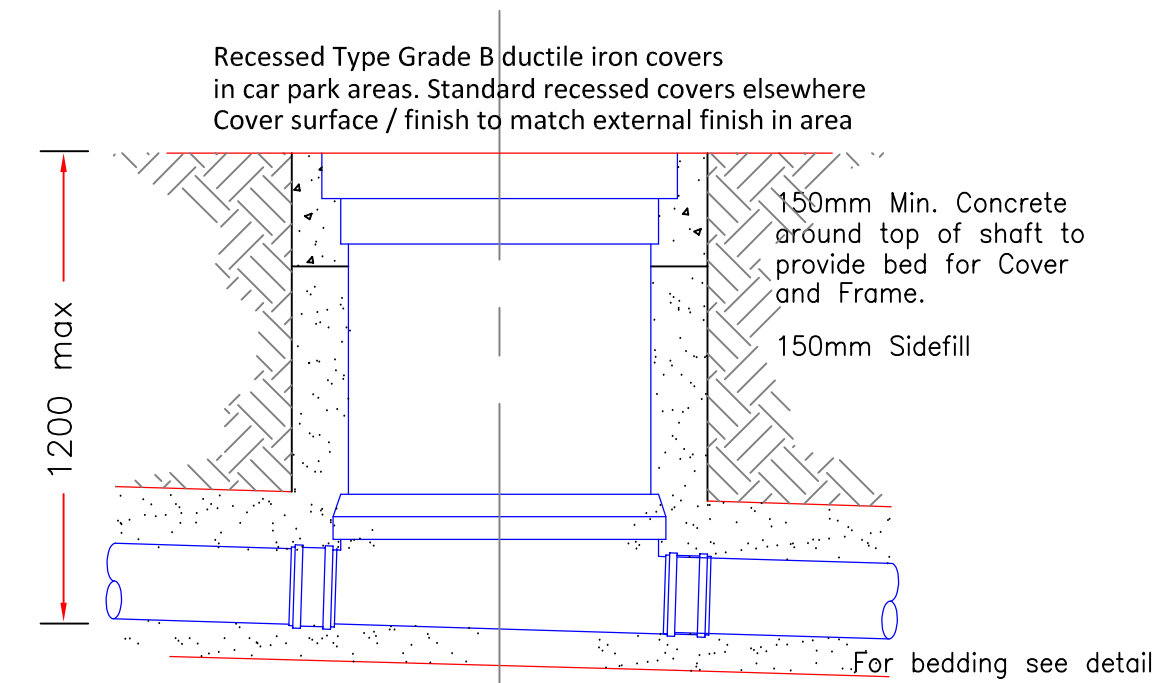
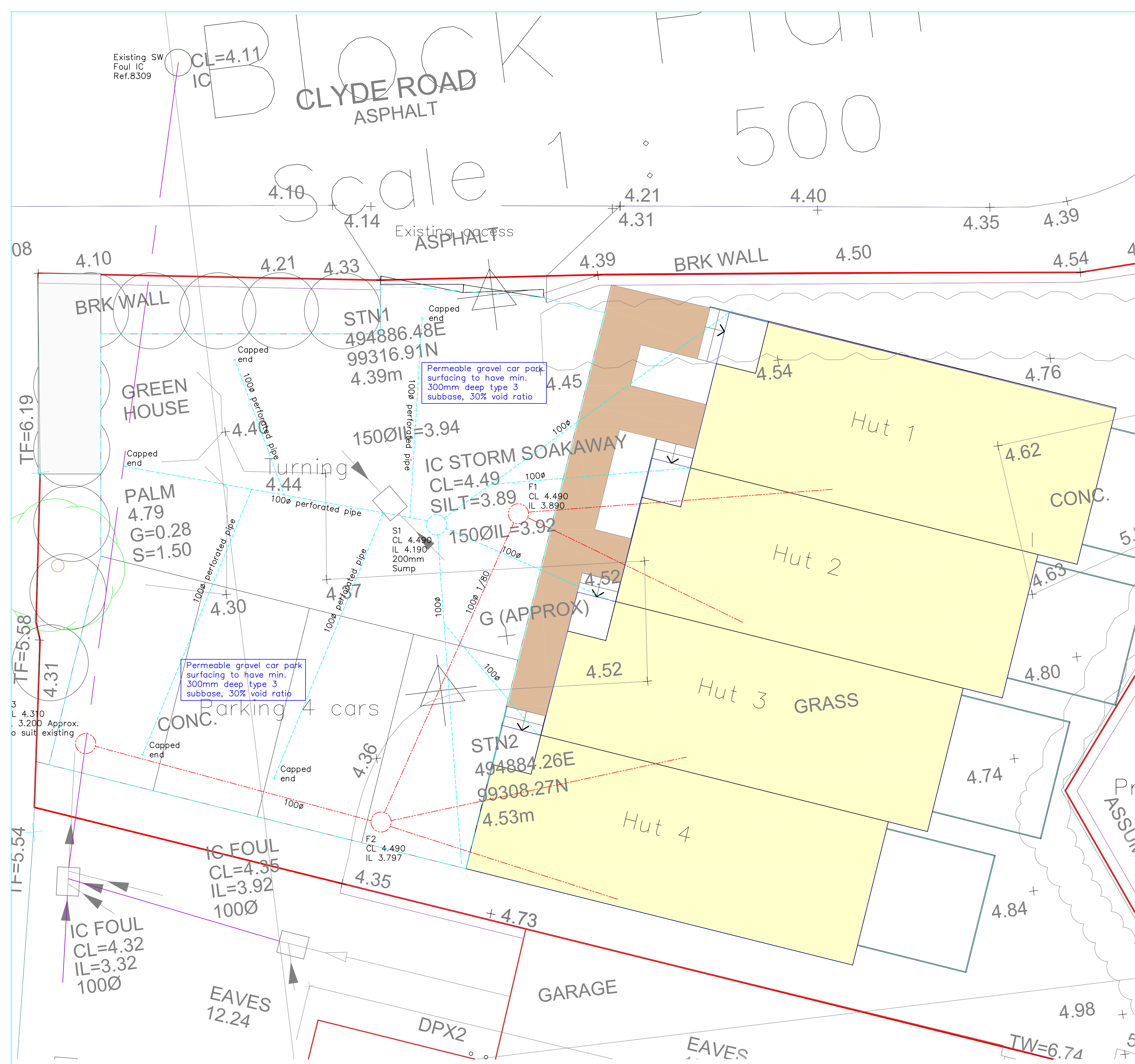
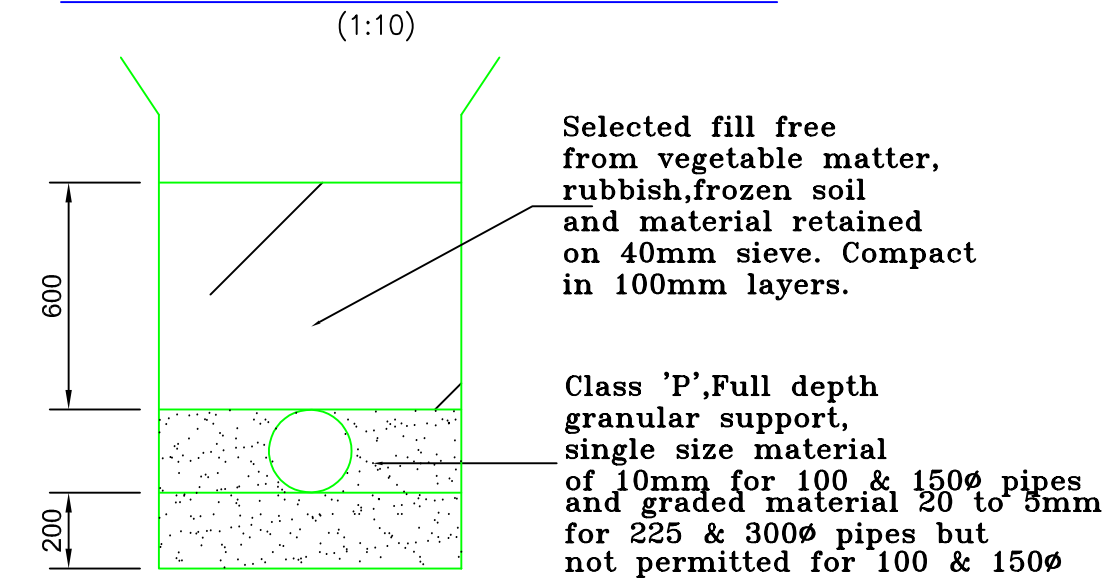
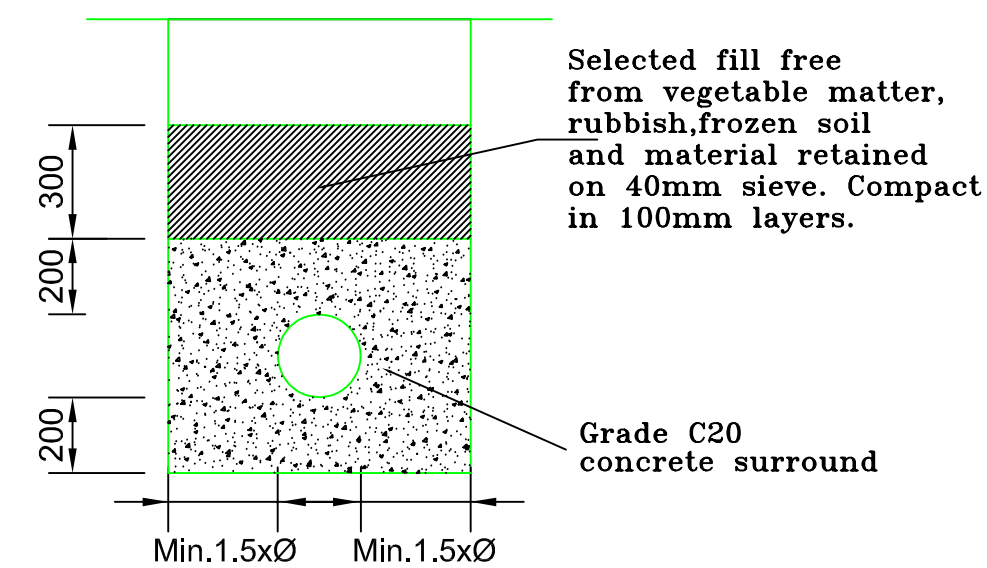




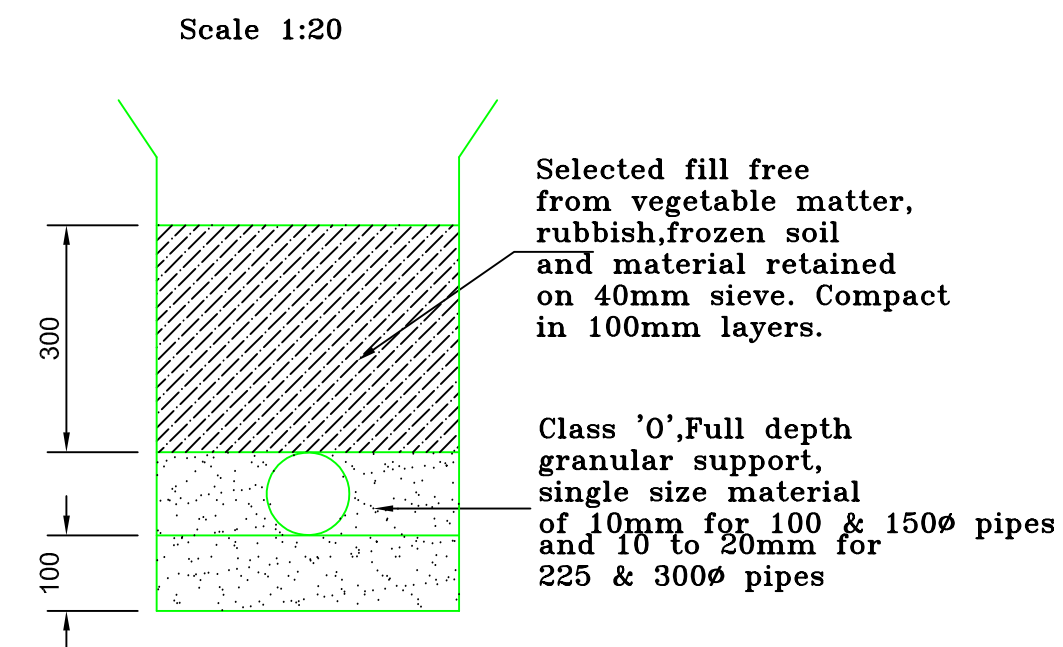
450mmØ INSPECTION CHAMBER
TYPICAL INSTALLATION



BEDDING FOR OTHER FLEXIBLE PIPES
Scale 1:10



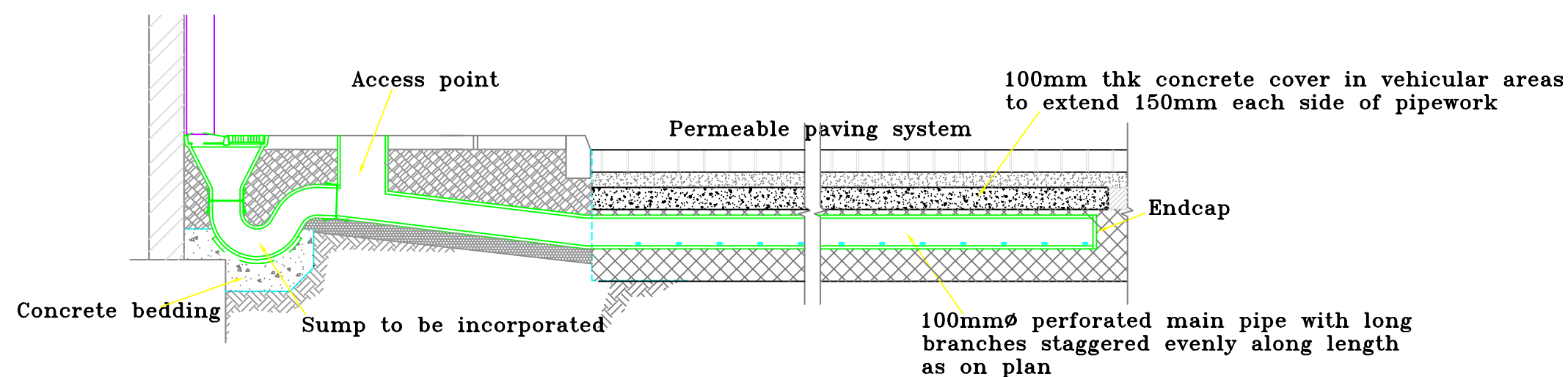
BEDDING FOR FLEXIBLE
PIPES LESS THAN 900mm
COVER UNDER ROADS



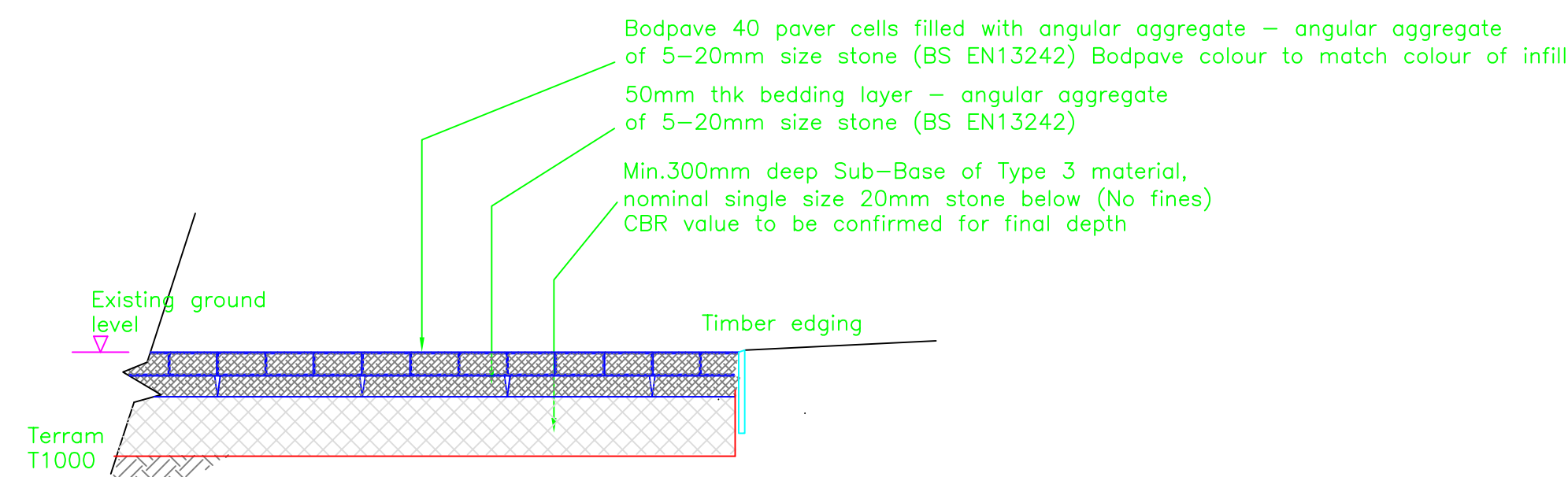
BEDDING FOR FLEXIBLE
PIPES UNDER ROADS
900 to 1200mm DEEP

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 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 drwg 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 Cover Grades :- 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, 5th 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 permission to discharge has been granted by the Local sewer supplier. Permissions to be obtained by Contractor.
14. Soakaways to be a minimum of 5.0m from existing and new buildings.
15. Provide 100x100 PCC lintel max span 650mm where svp exit the building.
16. ACO channels installed and bedded to manufacturers requirements.

KEY	
	PROPOSED NEW or REPLACEMENT FOUL SEWER
	PROPOSED STORM DRAINAGE
	EXISTING FOUL DRAINAGE to be retained, based on record drawings. Contractor to confirm on site
	EXISTING STORM DRAINAGE to be retained, based on record drawings. Contractor to confirm on site
	Extent of permeable paving to car parking
	RODDING EYE
	SOIL/VENT PIPE (WITH ABOVE GROUND ACCESS AT GROUND FLOOR LEVEL)
	RAINWATER PIPE (All into roddable gullies or where internal with access at G Floor level)
	GULLY (Trapped and roddable)
	AIR ADMITTANCE VALVE
	450mmØ INSPECTION CHAMBER
	Brick built manhole
	To have recessed cover to match surface finish unless in highway (See notes)
	Pre-cast concrete ring manhole
	Linear drainage channel ACO S100 with bolt down grating, outlet into storm system in locations shown on plan.Installed to suppliers details
	Proposed levels



RWP DISCHARGE INTO PERMEABLE
PAVING SYSTEM DETAIL



NEW PERMEABLE CAR PARKING
TYPICAL SECTION

Date	By	Revision	QA'D	Chk'd	Ref
Status PRELIMINARY					
Cowan Consultancy STRUCTURAL, CIVIL AND BUILDING CONSULTANTS					
Also at: Landguard Manor Landguard Manor Road Shanklin Isle of Wight PO37 7JB					
3 Turnberry House 4400 Parkway Whiteley Fareham Hampshire PO15 7FJ					
Tel: 01489 577488 Fax: 01489 579873 consultants@cowanconsult.co.uk www.cowanconsult.co.uk					
Client Ivon Blumer Architects Ltd					
Project Development adjacent to Beachcroft Hotel Felpham, Bognor Regis					
Title DRAINAGE GA AND DETAILS					
Date	Feb 19	Scale	1/50	Drg. No.	
Drawn	EG	Chk'd	QA'D	404127/10P3	

APPROVED FOR CONSTRUCTION