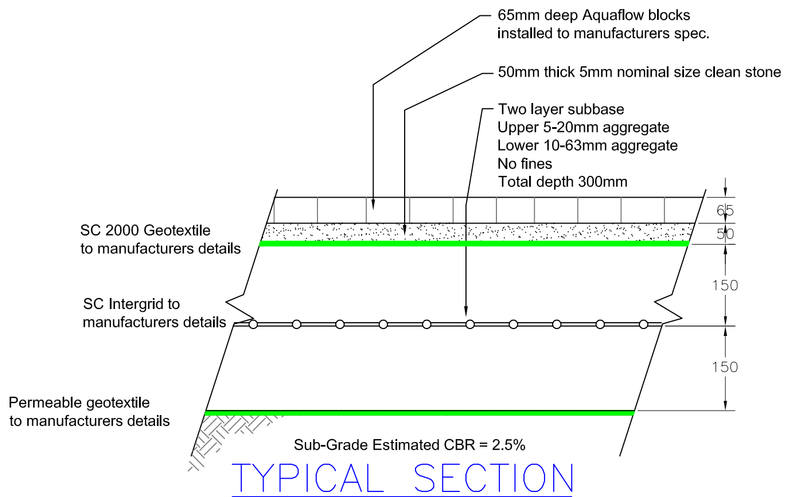
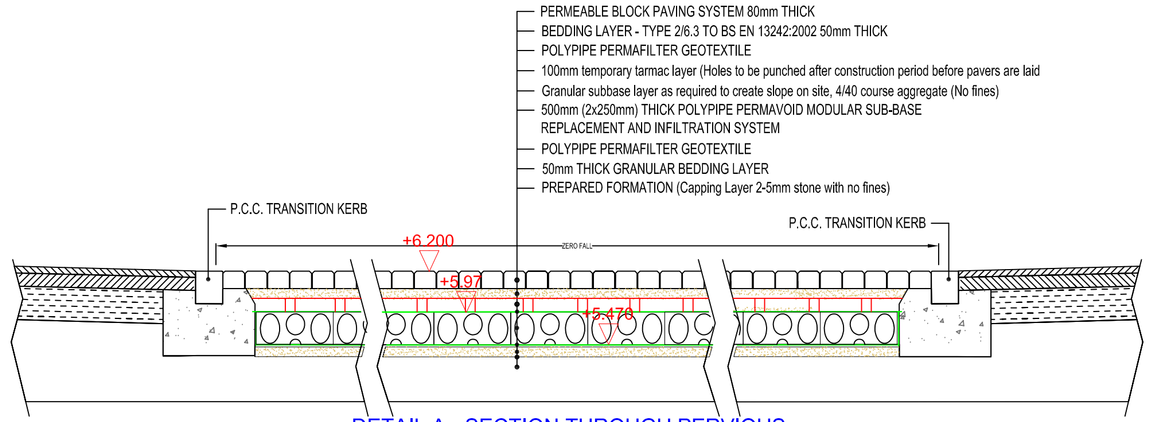


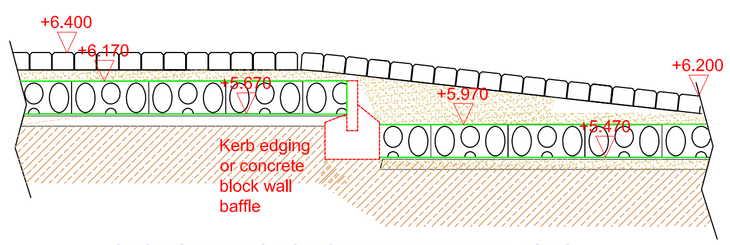
TYPICAL SECTION SHOWING CAR PARK AREA CONSTRUCTION

SCALE 1: 20



DETAIL A - SECTION THROUGH PERVIOUS PAVEMENT INCORPORATING POLYPIPE PERMAVOID SUB-BASE REPLACEMENT AND INFILTRATION SYSTEM

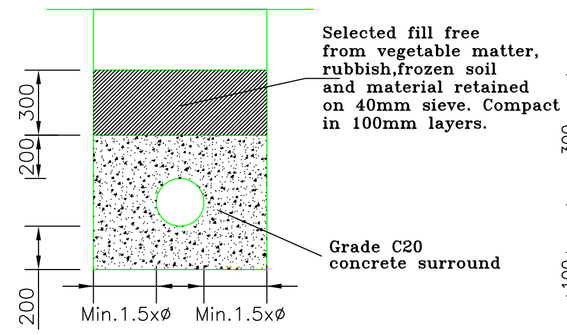
SCALE 1: 20



SECTION THROUGH STEP WITHIN PERVIOUS PAVEMENT INCORPORATING CONCRETE EDGING BAFFLE AT STEP POSITION

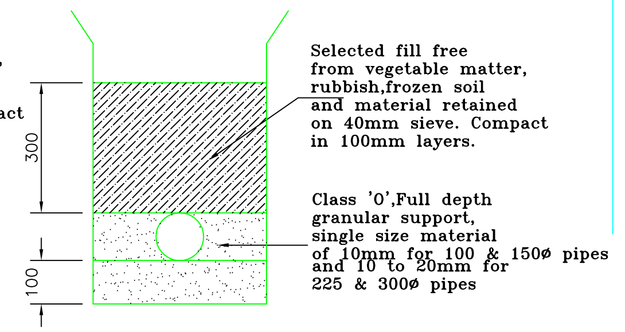
SCALE 1: 20

DO NOT SCALE THIS DRAWING



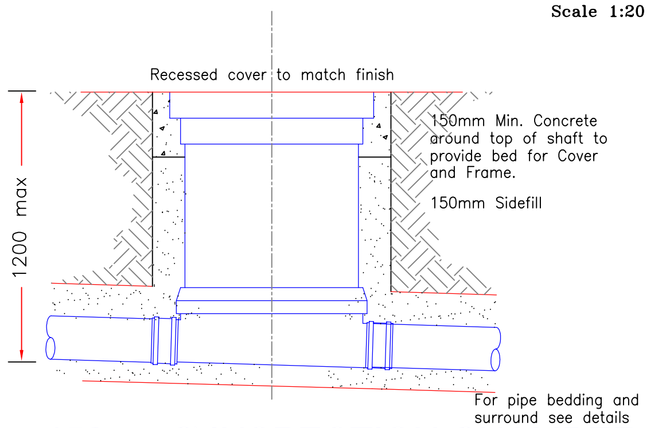
BEDDING FOR FLEXIBLE PIPES LESS THAN 900mm COVER UNDER ROADS

Scale 1:20



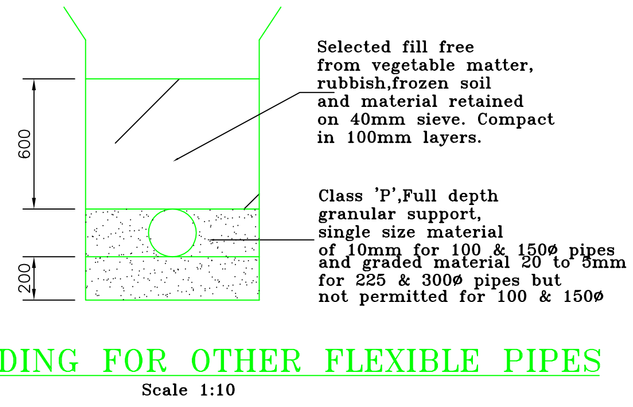
BEDDING FOR FLEXIBLE PIPES UNDER ROADS 900 to 1200mm DEEP

Scale 1:10



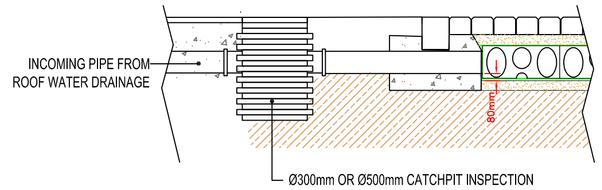
450mmØ INSPECTION CHAMBER TYPICAL INSTALLATION

(1:10)



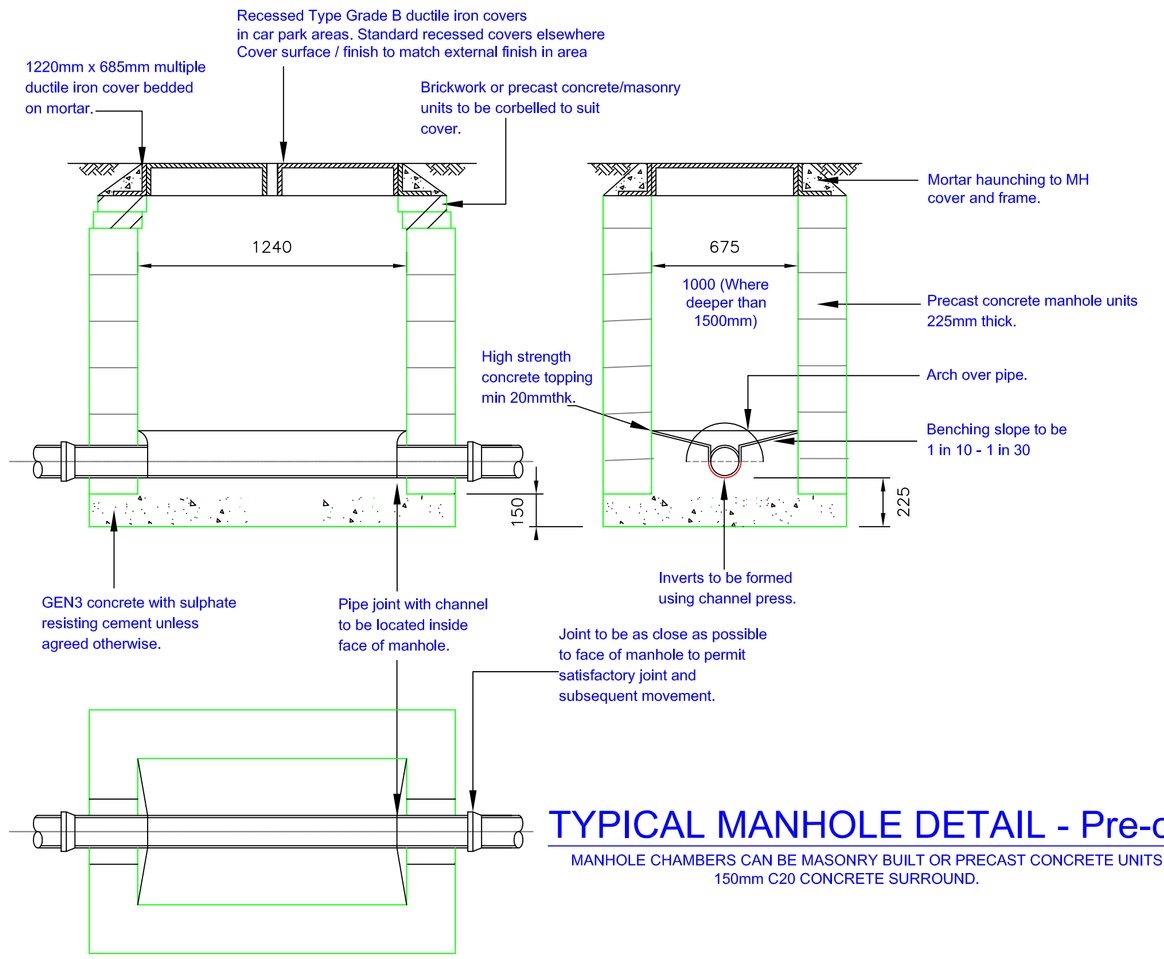
BEDDING FOR OTHER FLEXIBLE PIPES

Scale 1:10



RAINWATER DOWNPIPE DRAINAGE INTO PERMAVOID RAFT

SCALE 1: 20



TYPICAL MANHOLE DETAIL - Pre-cast units

MANHOLE CHAMBERS CAN BE MASONRY BUILT OR PRECAST CONCRETE UNITS WITH 150mm C20 CONCRETE SURROUND.

NOTES

1. This drawing is to be read in conjunction with all relevant Engineers and Architects drawings, and the Specification. See drawing 383199-401 for relevant drawings details.

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 accessments 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 and gulley gratings 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, 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 Environment Agency.

14. Stormwater soakaways to be a minimum of 5.0m from new buildings. Treatment plant to be min. 15m from new and existing houses. New treatment plant drainage field to be min. 10m from existing or new houses.

15. Provide 100x100 PCC lintel max span 650mm where svp exit the building.

16. ACO channels installed and bedded to manufacturers requirements.

17. Treatment plant not to be installed until proper EA licence is in place.

KEY

- PROPOSED NEW or REPLACEMENT FOUL SEWER
- PROPOSED STORM DRAINAGE
- EXISTING SOUTHERN WATER FOUL SEWER (Approximate position and depths to be confirmed by Contractor once works begin)
- Proposed permeable paving with voided storm /flood water storage volume (See detail A) Used to drain new building roofs. Req = 545m2 area
- Proposed permeable paving (See detail B)
- Concrete edging to create baffle within permavoid layer to allow level change
- R.E. RODDING EYE.
- SVP or S SOIL/VENT PIPE (WITH ABOVE GROUND ACCESS AT GROUND FLOOR LEVEL)
- R.W.P or R RAINWATER PIPE (All into roddable gullies or where internal with access at G.floor level)
- G GULLY (Trapped and roddable)
- AAV AIR ADMITTANCE VALVE
- 450mmØ INSPECTION CHAMBER
- Brick built manhole
- Linear drainage channel ACO S100
- +6.200 Proposed finished ground levels
- (+5.670) Proposed Permavoid base level

Date	By	Revision	QA'D	Chk'd	Ref
07.01.22	CMW	Capping Layer details added to Detail A			P7
01.11.21	CMW	Drawing Number Revised			P6

Status: PRELIMINARY

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Client: Pallant Homes

Project: The Steddles
Yaptin

Title: Drainage Details

Date	Nov 20	Scale	1/200	Drg. No.
Drawn	EG	Chk'd	QA'D	435409/02P7

ARUN DISTRICT COUNCIL V1/2021PL