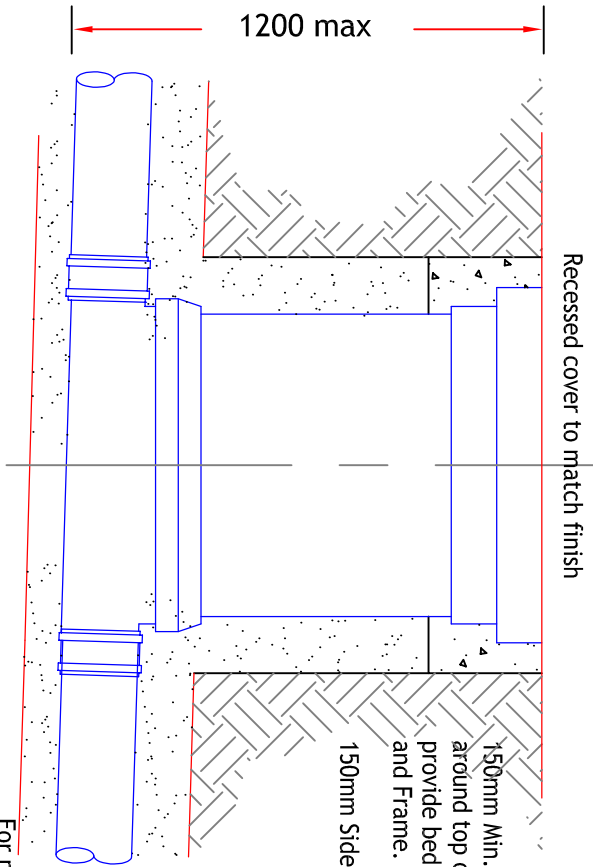


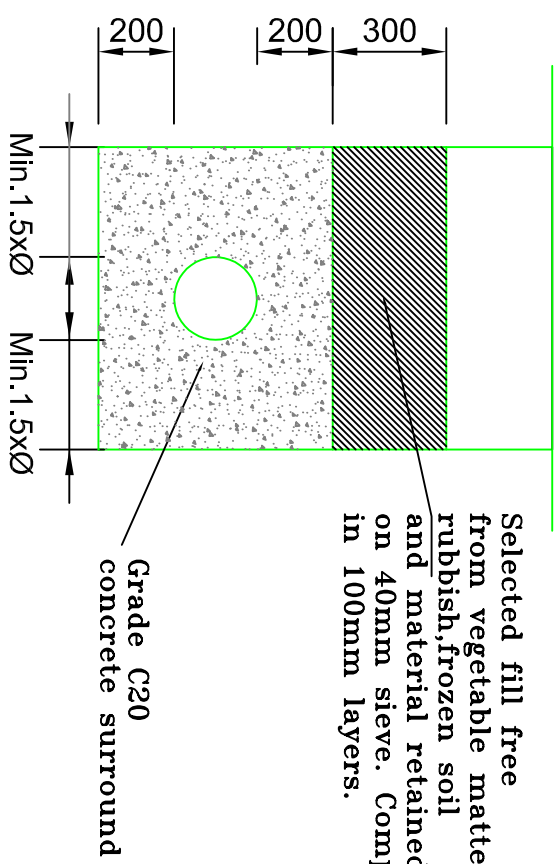


450mmØ INSPECTION CHAMBER TYPICAL INSTALLATION

(1:10)

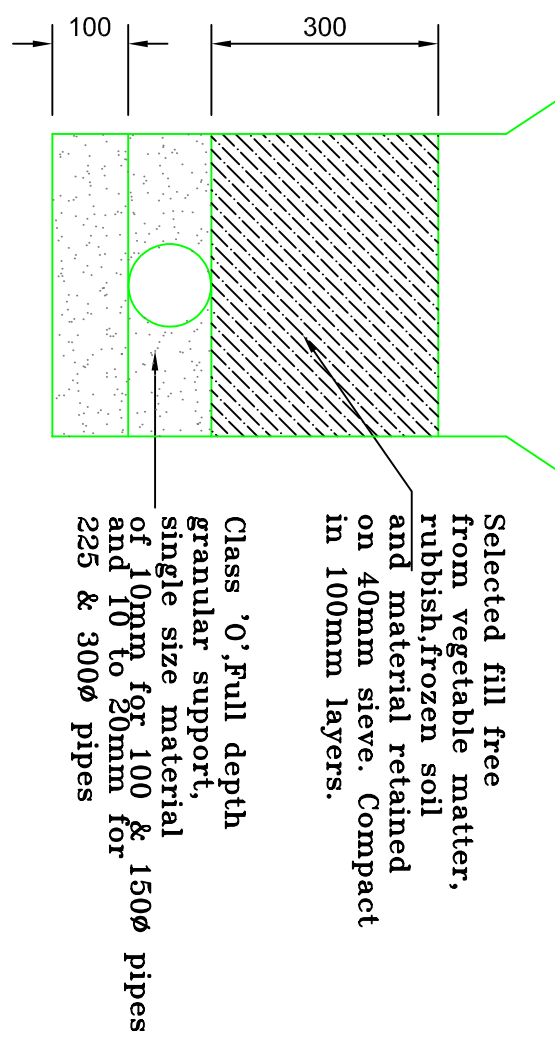
BEDDING FOR FLEXIBLE PIPES NEAR/UNDER FOUNDATIONS AND ROADS

Scale 1:20



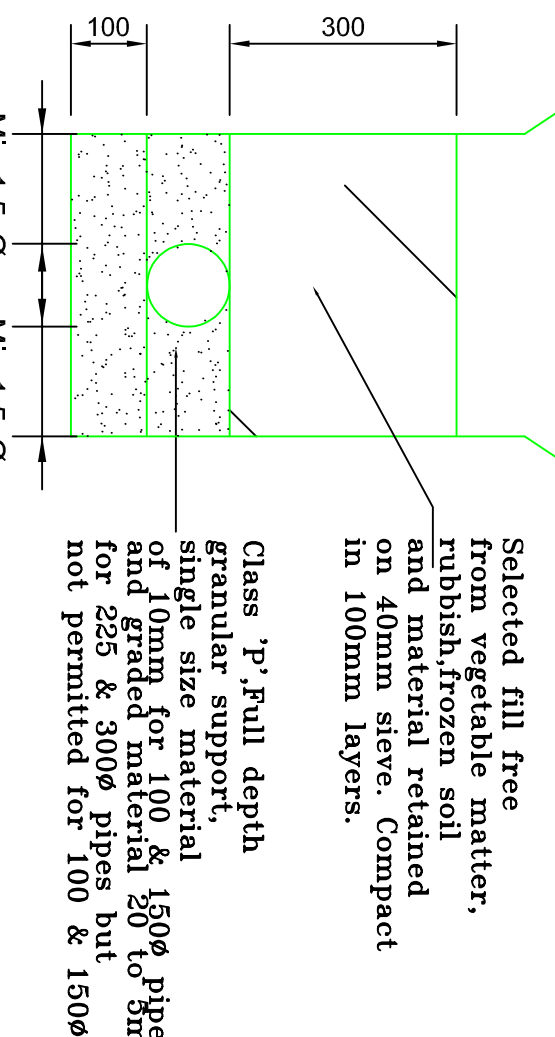
BEDDING FOR FLEXIBLE PIPES UNDER ROADS 900 to 1200mm DEEP

Scale 1:10



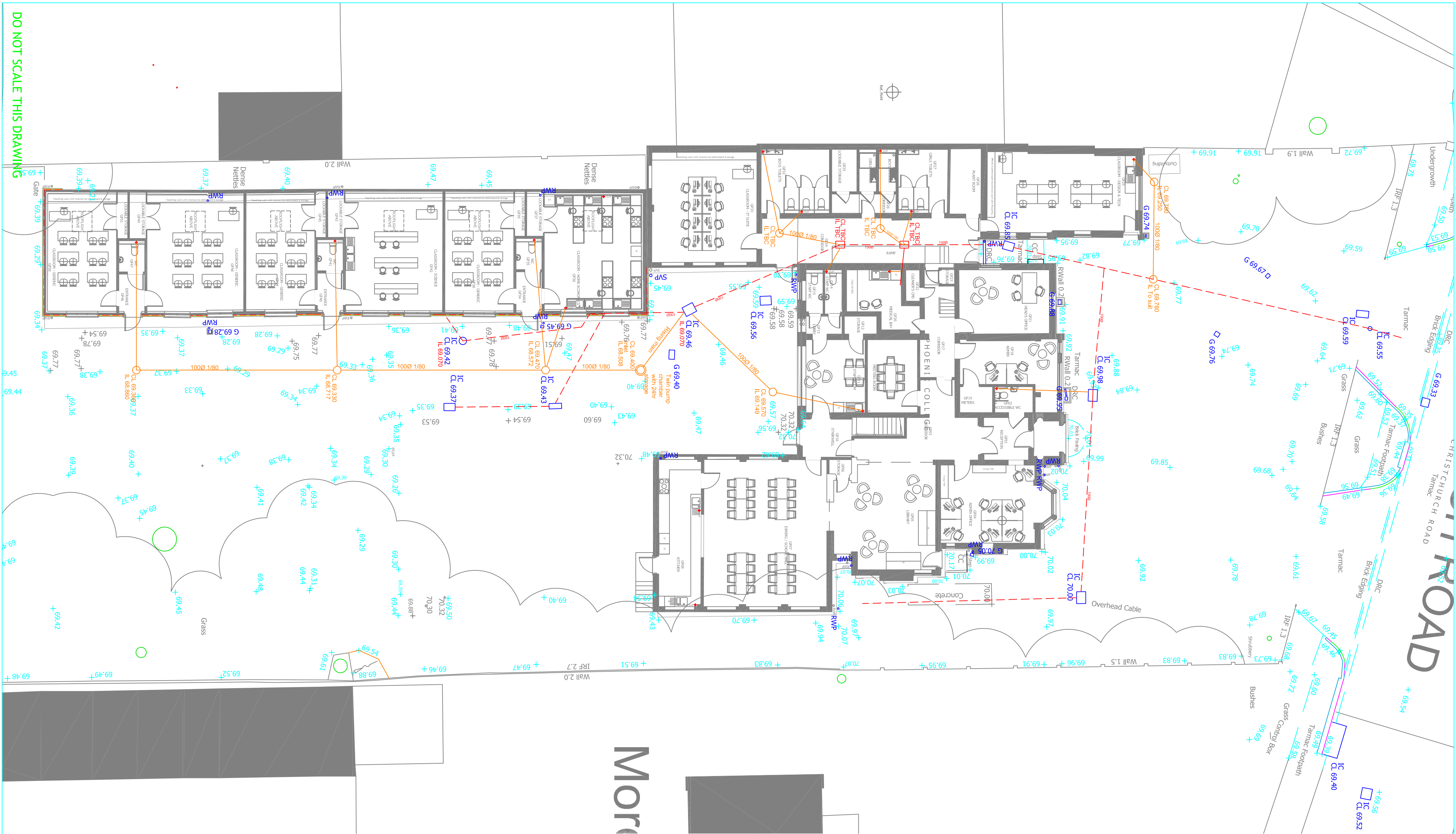
BEDDING FOR OTHER FLEXIBLE PIPES

Scale 1:10



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 an arbitrary datum and not to Ordnance Datum.
3. In accordance with CDM 2015 the Contractor is to:
 - Identify 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 pipework to be vitrified clay not plastic.
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 grades > D400 - carriageways. B55 - Carriageways for light 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. Stormwater soakaways to be a minimum of 5.0m from new buildings.
14. Provide 100x100 PCC lintel max span 650mm where syp exit the building.
15. No new foul drainage connection to be made until the Contractor has obtained the required permissions from Southern Water.



DO NOT SCALE THIS DRAWING

KEY

- PROPOSED NEW or REPLACEMENT FOUL SEWER
- EXISTING FOUL (Retained)
- EXISTING STORM (Retained)
- EXISTING SEWER TO BE DIVERTED
- 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 (flopped and roddable)
- AIR ADMITTANCE VALVE
- 450mmØ INSPECTION CHAMBER
- Brick built manhole
- Linear drainage channel ACO S100 with ball down girding outlet into storm system in locations shown on plan installed to suppliers details
- Existing levels
- Proposed levels

PRELIMINARY

Date	By	Revision	QAD	CHK'd	Ref



Cowan Consultancy

STRUCTURAL, CIVIL AND BUILDING CONSULTANTS

3 Turnberry House
4400 Parkway
Whiteley
Horsham
West Sussex PO15 7TU

Tel: 01489 577498
Fax: 01489 579875
consultants@cowan.co.uk
www.cowanconsult.co.uk

Also at:
Landguard Manor Road
Spink
Ile 0237 748

Client: ACORN CARE & EDUCATION LTD.

Project: PHÉONIX COLLEGE, 40 CHRISTCHURCH ROAD, READING, BERKSHIRE, RG2 7AY.

Title: Drainage General Arrangement

Date	Scale	1:150	Dwg. No.
JAN 2024	1:150		456322/201P2
Drawn	CMW	CHK'd EG QAD EG	