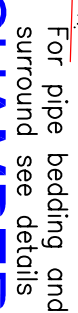


1. This drawing is to be read in conjunction with all relevant Engineers and Architects drawings, and the Specification. See drawing 383/199-401 for relevant drawings details.

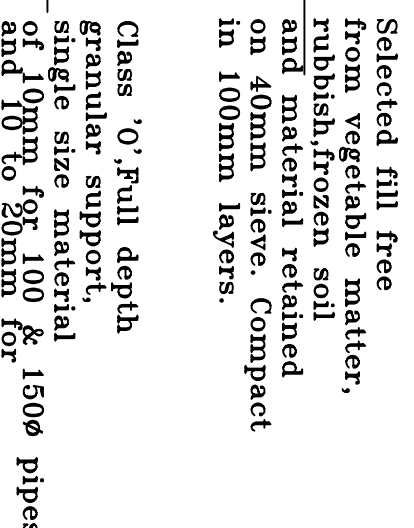
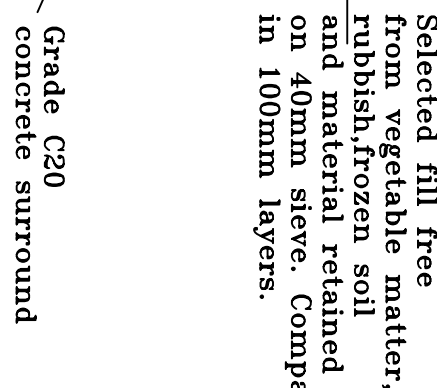
2. All dimensions are in millimetres unless noted otherwise. All levels are in Metres above an arbitrary datum and not to Ordnance Datum.
3. In accordance with CDM 2015 the Contractor is to:
 - Notify HSE of works.
 - Comply with the requirements of Health and Safety Plan(if applicable)
 - Provide risk 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 PVoU drainage products to conform to BS EN1401 & Kite mark certified in accordance with specification.
9. All drainage pipes on this dry to be 100mm unless shown otherwise. Min. falls 1/80 for foul and 1/100 for storm drainage.
10. Cover, grotos and gully gratings are in accordance with BS4497 Pt 1 – 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 FDL 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 sockdowks 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 Inlet max span 650mm where ssp 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.



SCALE 1: 20

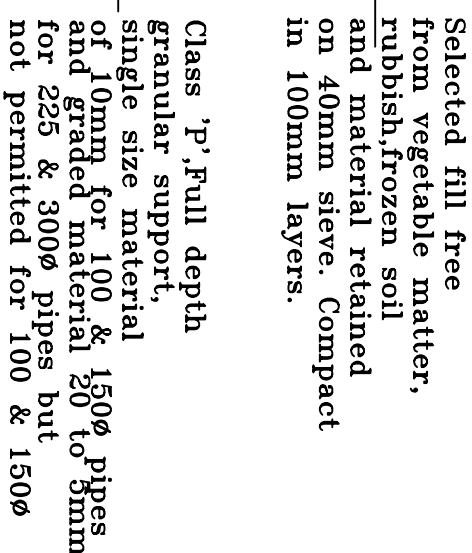


(1:10)



Scale 1:20

Scale 1:10



Scale 1:10

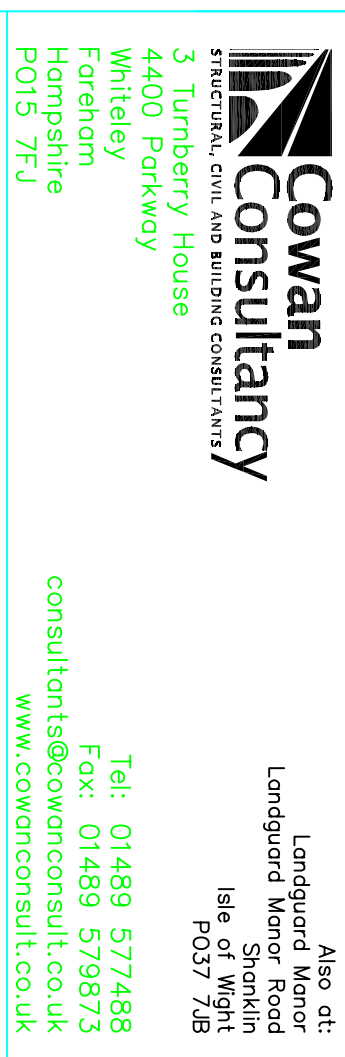
The diagram illustrates the components and materials for a proposed new or replacement culvert. It is divided into several sections with corresponding labels and material specifications.

- PROPOSED NEW OR REPLACEMENT CULVERT** (Overall structure)
- PROPOSED SOFTEN DRAINAGE** (Top layer)
- EXISTING SOUTHERN WATER TOLL SERVICE** (Underlying structure)
- CONFIRMED BY CONTRACTOR OR CITY ENGINEER** (Note)
- PROPOSED permeable paving with 1/4" solid form** (Paving layer)
- to allow water drainage volume from area A (used to drain water building roof, base, storm cove)** (Purpose)
- PROPOSED permeable paving (see detail B)** (Paving layer)
- REINFORCED CONCRETE** (Structural layer)
- SOFTENING FILL** (Fill layer)
- ROCKING FILL** (Fill layer)
- 1/4" SOLID FORM WITH ABOVE GROUND** (Form layer)
- RAINWATER REUSE (see detail C)** (Water reuse system)
- RAINWATER REUSE (see detail C)** (Water reuse system)
- when finished with 1/4" (see G box level)** (Note)
- GULLY (topped and rounded)** (Gully structure)
- SEE ADJUSTABLE VALVE** (Valve component)
- 2" GROUNDWATER INSPECTION** (Inspection point)
- 2" GROUNDWATER INSPECTION** (Inspection point)
- Back fill muck** (Fill material)
- Under drainage channel ACO 110** (Drainage channel)
- Proposed finished ground level** (Ground level line)
- Proposed finished ground level** (Ground level line)

Material Specifications:

- R.R.** (Reinforced concrete)
- SVP or S** (Structural vinyl pipe)
- R.M.P. or R** (Reinforced metal pipe)
- G** (Gravel)
- LA.V** (Lightweight aggregate concrete)

Date	By	Revision	QAD	Chk'd	Ref
PRELIMINARY					
Status					



Elberry Homes	
Project The Steedles	
Yaplin	
Title	Drainage Details
Date	Nov 20
Scale	1/200
Drawn	CHD
EG	QAD
Dwg. No.	424795.02P2