

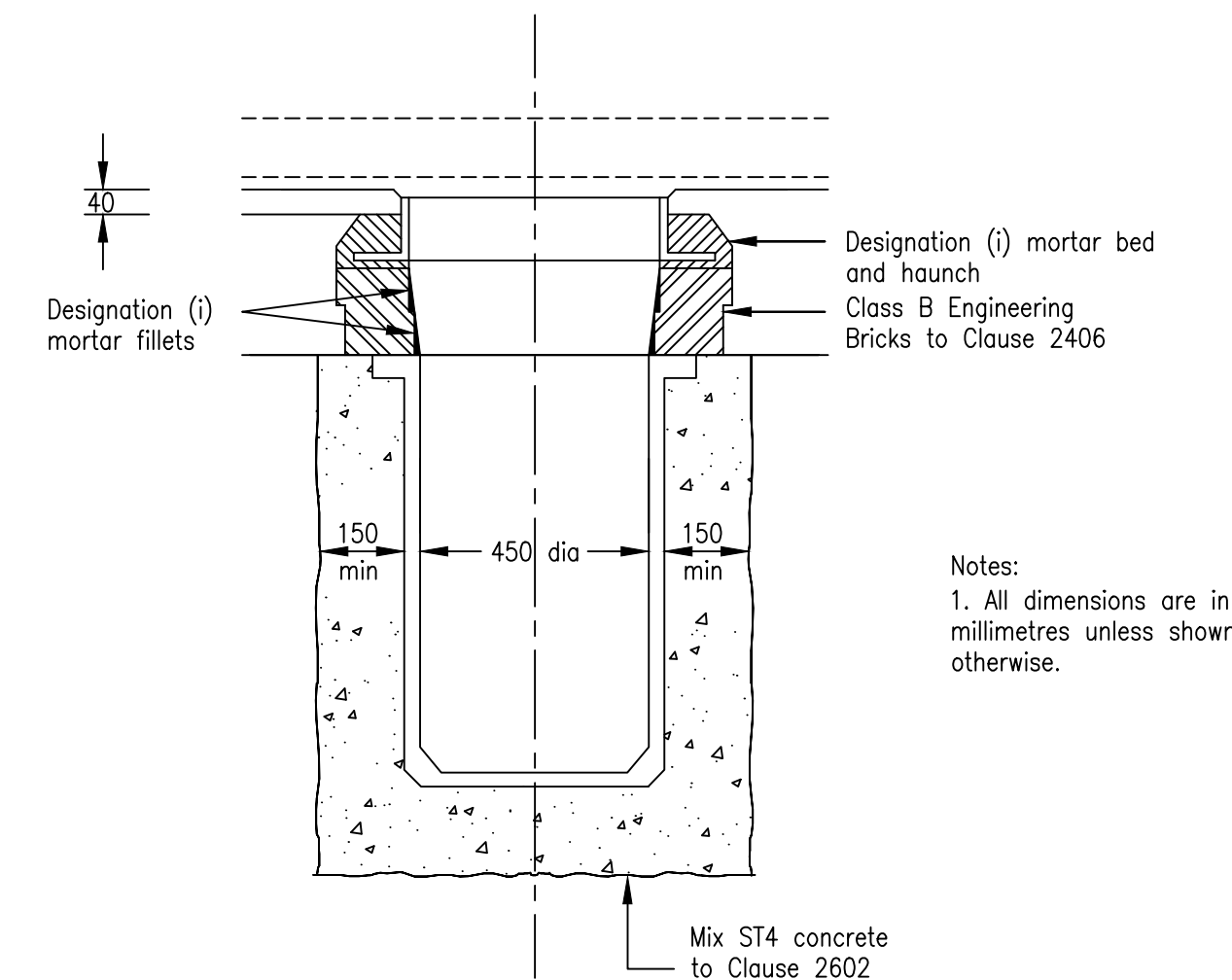
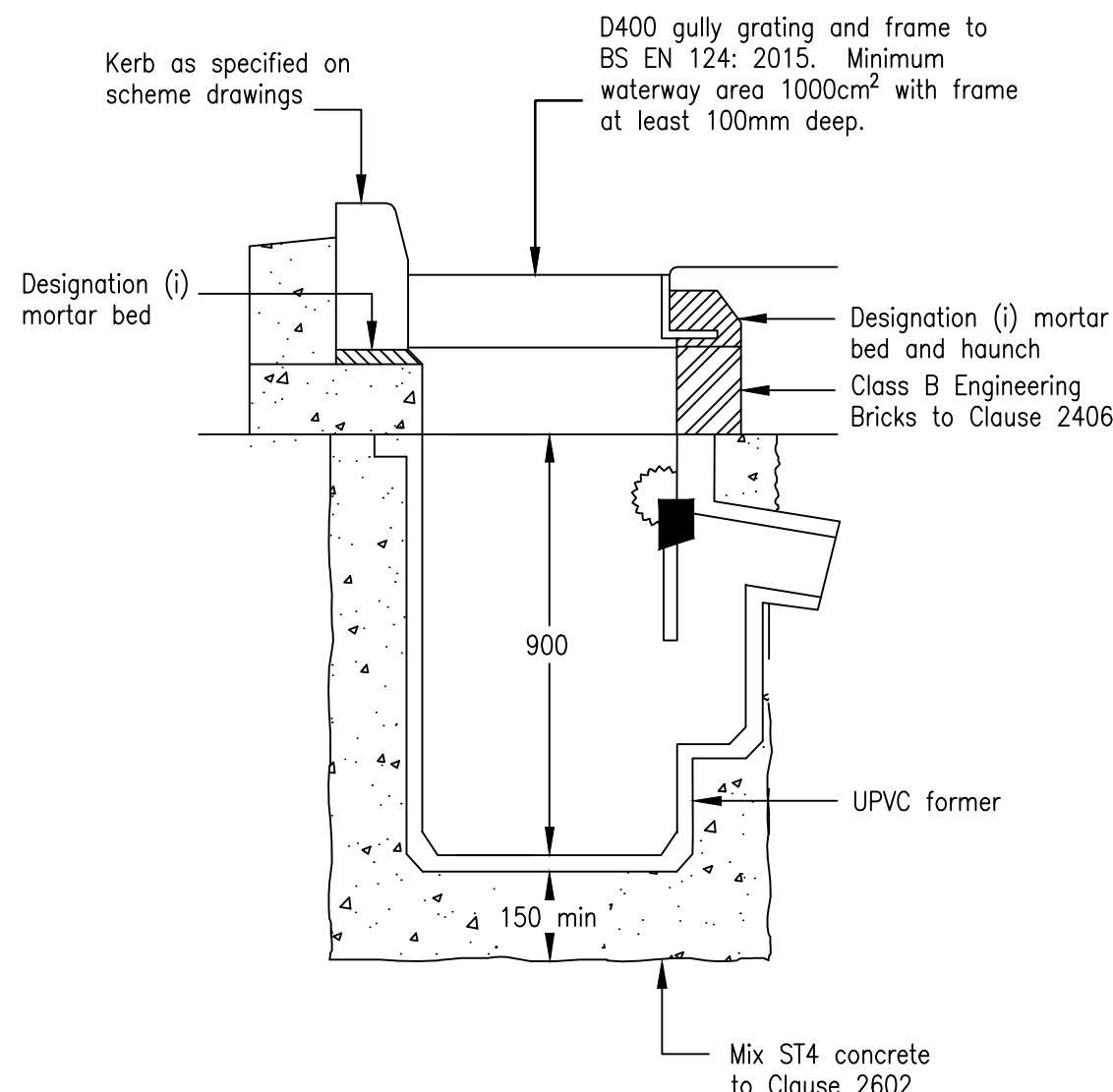
- Bedding and Surround to be as follows:

Location	Cover to Soffit	Bedding
Road	>1.2m	Class 5 Granular Bed & Surround
	<1.2m	Class A Concrete Surround
Non-Adoptable Sewers below Car Parking	>0.9m	Class 5 Granular Bed & Surround
	<0.9m	Class A Concrete Surround
Hard & Soft Landscaping	>0.6m	Class 5 Granular Bed & Surround
	<0.6m	Class A Concrete Surround

- | Location | Mix Reference |
|--------------------------------------|---------------|
| Concrete surround to pipes | GEN3 |
| Concrete base & surround to manholes | GEN3 |

27. Pipes with less than 1.2m cover to be laid with a concrete surround, as per Fairhurst drainage details.

35. All internal manhole/PPIC covers to be double/triple sealed to Architects requirements.



DETAIL 1 – TRAPPED STREET GULLY

Class Z Bedding

PIPE WITH COVER LESS THAN 1.2m
& GULLY CONNECTIONS

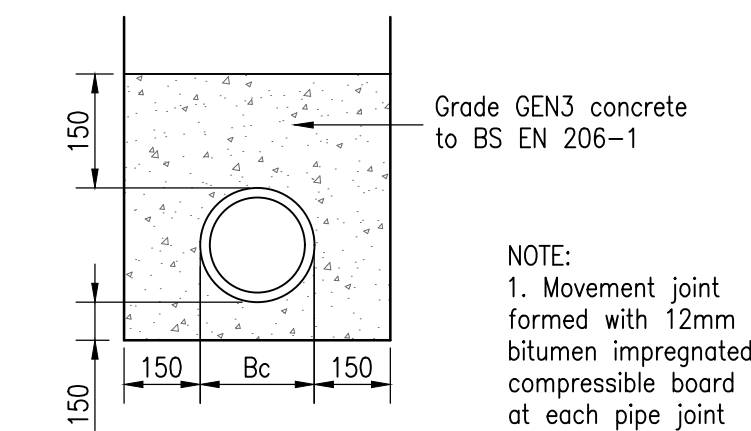


TABLE 1

Strata	Dimension 'a'	Dimension 'b'
Soil	$\frac{B_c}{6}$ or 100mm minimum. Not less than 50mm undersockets	150mm min. clearance from barrel or socket
Rack	$\frac{B_c}{4}$ or 200mm minimum. Not less than 150mm undersockets	200mm min. clearance from barrel or socket

Bc – External pipe diameter

DETAIL 2 - CONCRETE SURROUND TO PIPES

Do not scale from this drawing.
SAFETY HEALTH AND ENVIRONMENTAL INFORMATION
IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.
RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM.
CONSTRUCTION EXISTING LIVE SERVICES. EXISTING SEWERS. WORKING ADJACENT TO A LIVE HIGHWAY.
DEMOLITION
FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

NOTES

1. This drawing is based on the following received information: CDL Architecture Proposed Site Plan – DS/TMS/O/1/21 REV A, Ordinance Survey Data and Topographical Survey.
2. This drawing is to be read in conjunction with the following FAIRHURST drawings:

138443/1031	–	S278 Works, General Arrangement,
138443/1032	–	S278 Works, Site Clearance,
138443/1033	–	S278 Works, Surface Finishes and Kerbs,
138443/1034	–	S278 Works, External Works, Construction Details,
138443/1035	–	S278 Works, Setting Out and Spot Levels,
138443/1036	–	S278 Works, Drainage,
138443/1038	–	S278 Works, Swept Path Analysis,
138443/1039	–	S278 Works, Agreement Plan.
3. All works to be in accordance with the Specification for Highway Works (SHW).
4. All road markings to be in accordance with the Traffic Signs Regulations and General Directions.

Rev.	Date	Description	Drawn	Chkd	Appd
FAIRHURST 1 Arnsgrave Court Barrack Road, Newcastle-upon-Tyne NE4 6DB Tel: 0191 221 0505 Fax: 0844 381 4412			Client: THOMAS MILBURN PROPERTY LTD.		
Project Title: HENSINGHAM AND STAINBURN CUMBRIA SEACOTE					
Drawing Title: S278 WORKS DRAINAGE CONSTRUCTION DETAILS AND NOTES					
Scale at A1:		Status:			
AS SHOWN		For Approval			
Drawn:	Checked:	Approved:			
SNK	RH	NB			
Date:	Date:	Date:			
23/06/22	23/06/22	23/06/22			
Drawing No.:				Revision:	
138443/1037				-	