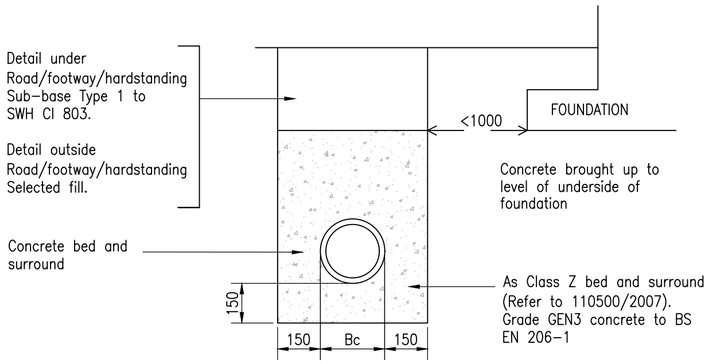
PIPES NEAR FOUNDATIONS



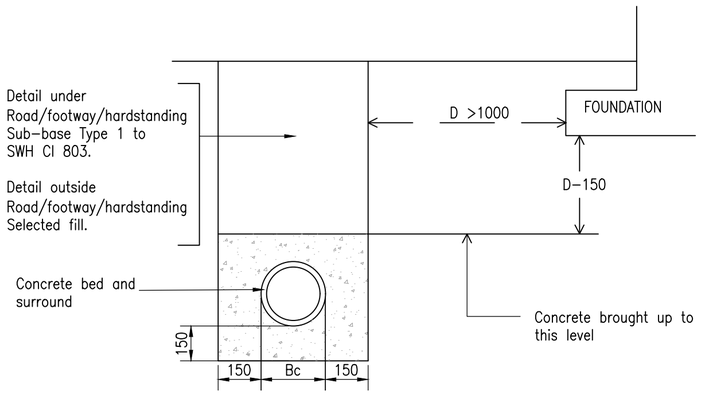


TABLE 1

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

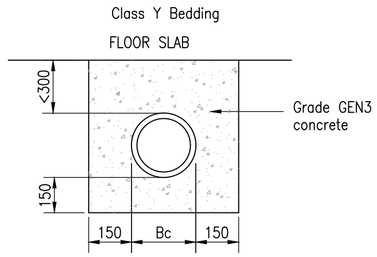
Bc – External pipe diameter

TABLE 2 – PIPE BEDDING AND SURROUND FOR RIGID PIPES

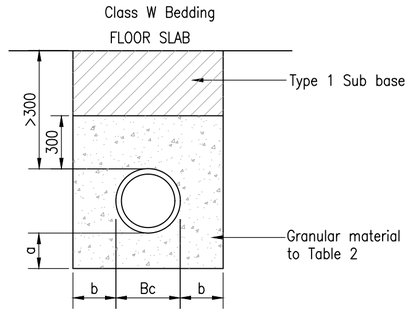
Pipe nominal size (mm)	Aggregate to BS882
150	10 or 14mm nominal single size 14mm to 5mm graded
over 150 to 500	10, 14 or 20mm nominal single size 14mm to 5mm graded 20mm to 5mm graded
over 500	10,14, 20 or 40mm nominal single size 14mm to 5mm graded 20mm to 5mm graded 40mm to 5mm graded

PIPES UNDER FLOOR SLAB

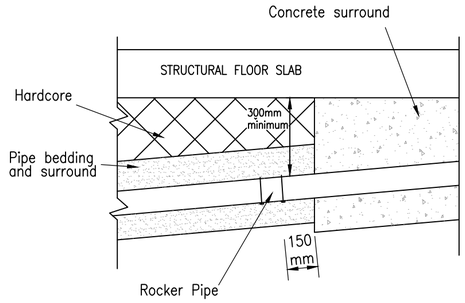
PIPE UNDER FLOORSLAB WITH LESS THAN 300mm COVER



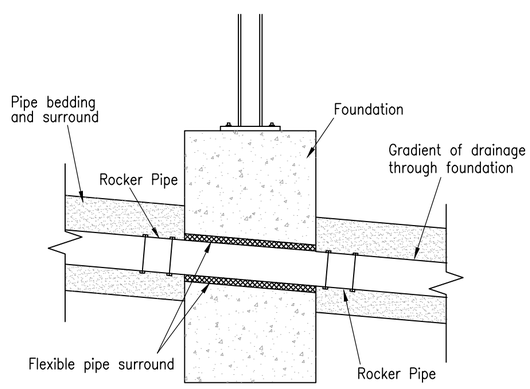
PIPE UNDER FLOORSLAB WITH GREATER THAN 300mm COVER



PIPE PASSING UNDER FLOORSLAB

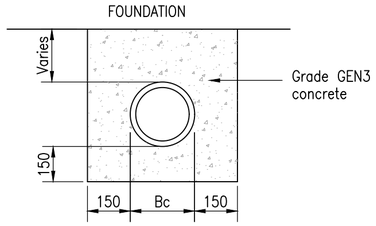


PIPES THROUGH FOUNDATIONS

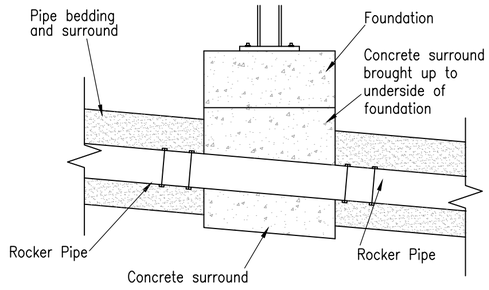


PIPES UNDER FOUNDATIONS

PIPE UNDER FLOORSLAB WITH LESS THAN 300mm COVER

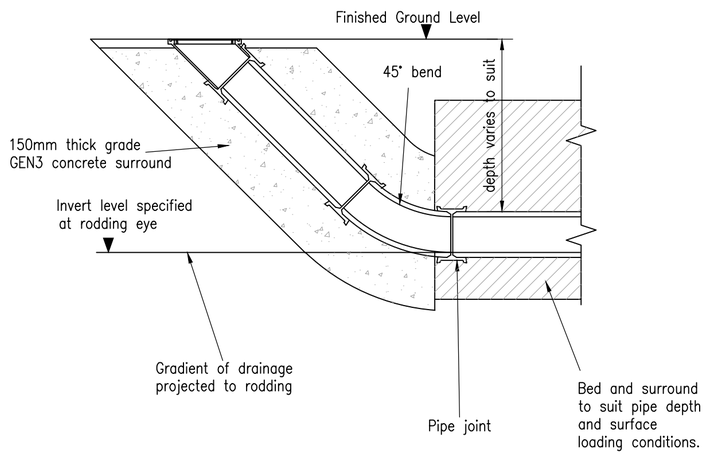


PIPE PASSING UNDER FOUNDATION



RODDING ACCESS DETAIL

PIPES 100mm or 150mmØ



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 NO. DID/149100/02.

CONSTRUCTION
–DRAINAGE CONNECTIONS REQUIRED TO EXISTING LIVE SEWERS.
–EXISTING SERVICES.
–EXISTING SEWER.
–WORKS ADJACENT TO ROAD.

DEMOLITION
–BREAKING OUT EXISTING DRAINS & SEWERS.

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:
   –JDDK TOPO/UTILITY SURVEY 2343100 REV A,
   –JDDK PROPOSED SITE PLAN 4251–JDDK–XX–XX–DR–A–1001–C1.

2. This drawing is to be read in conjunction with the following FAIRHURST drawings:
   –149100/2002 – Seton Avenue Proposed Drainage Layout,
   –149100/2003 – Seton Avenue Drainage Construction Detail Sheet 1,
   –149100/2005 – Seton Avenue Proposed Spot Levels,
   –149100/2008 – Seton Avenue Drainage Construction Detail Sheet 3,
   –149100/2009 – Seton Avenue Drainage Construction Detail Sheet 4,
   –149100/2010 – Seton Avenue Proposed Drainage Notes,
   –149100/2011 – Seton Avenue Manhole Schedule.
   –149100/2012 – Seton Avenue Proposed Surface Finishes,
   –149100/2013 – Seton Avenue External Works Construction Details Sheet 1.

Rev.	Date	Description	Drwn.	Chkd.	Appd.
D	20/07/23	ISSUED FOR CONSTRUCTION	FM	AS	JMM
C	20/04/23	REVISED TO INCLUDE PIPE THROUGH FOUNDATION DETAIL ISSUED FOR TENDER	FM	HB	JMM
B	18/01/23	REF TO SURFACE FINISHES AND DETAILS DRAWINGS ADDED	CP	AS/HB	JMM
A	09/12/22	ISSUED FOR TENDER	CP	RH	JMM

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Tel: 0191 221 0505
Fax: 0844 381 4412

Client: South Tyneside Council

Project Title:
STC CHILDREN'S HOMES

Drawing Title:
SETON AVENUE
DRAINAGE CONSTRUCTION
DETAILS SHEET 2

Scale at A2:	Status:	
NTS	Construction	
Drawn: KHS	Checked: RH	Approved: DF
Date: 15/09/22	Date: 15/09/22	Date: 15/09/22

Drawing No.: 149100/2007 Revision: D