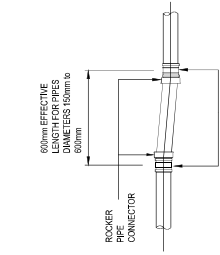
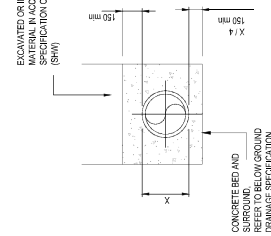


TYPICAL OBlique JUNCTION ARRANGEMENT



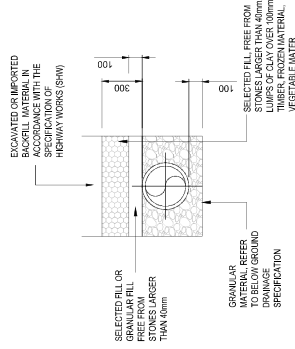
TYPICAL ROCKER PIPE ASSEMBLY



CLASS Z CONCRETE SURROUND
TYPICAL DETAIL

(for roads and car park areas

for pipes with cover less than 1.2m above the pipe crown)

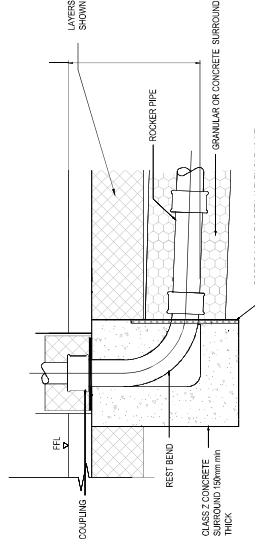


CLASS P BEDDING
TYPICAL DETAIL

(pedestrian and landscaping areas only

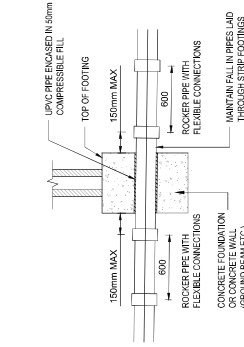
for PVC-U pipes with cover more than 0.9m above the pipe crown)

DETAILS ABOVE GROUND SHOWN INDICATIVELY. REFER TO MEP DRAWINGS ACCESS POINTS ABOVE GROUND PROVIDED VERGEMENTS

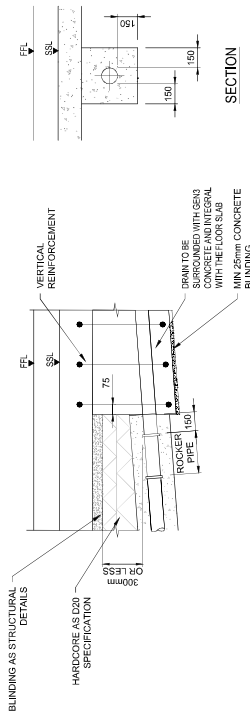


TYPICAL INTERNAL DRAIN POINT DETAIL
BELOW SLAB

Scale 1:10

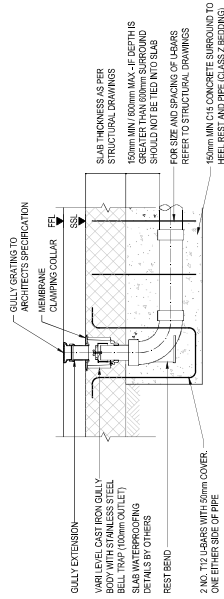


TYPICAL PIPE PENETRATION DETAIL
(THROUGH CONCRETE WALL OR FOOTING)

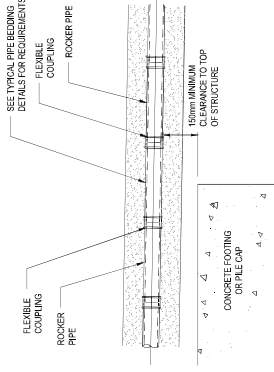


CLASS Y CONCRETE SURROUND
TYPICAL DETAIL

(within 300mm of floor slab)



TYPICAL INTERNAL FLOOR GULLY CAST INTO STRUCTURAL SLAB (FG)



TYPICAL DETAIL OF DRAIN PASSING ABOVE STRUCTURE

BEFORE THE DESIGN OF THE PROJECT IS FINALISED. THE DESIGNER SHOULD BE RESPONSIBLE FOR THE USE OF THE DOCUMENT FOR THE PROJECT FOR WHICH IT WAS PREPARED AND REVISED.

- DO NOT SCALE FROM THE DRAWING
- ALL DIMENSIONS SHOULD BE CHECKED ON SITE
- ANY CHANGES TO THE DRAWING SHOULD BE APPROVED BY THE DESIGNER
- THE PROJECT TEAM SHOULD BE RESPONSIBLE FOR THE USE OF THE DOCUMENT FOR THE PROJECT FOR WHICH IT WAS PREPARED AND REVISED
- THE PROJECT TEAM SHOULD BE RESPONSIBLE FOR THE USE OF THE DOCUMENT FOR THE PROJECT FOR WHICH IT WAS PREPARED AND REVISED
- THE PROJECT TEAM SHOULD BE RESPONSIBLE FOR THE USE OF THE DOCUMENT FOR THE PROJECT FOR WHICH IT WAS PREPARED AND REVISED

NOTES

- THE DRAINAGE STRATEGY IS SUBJECT TO APPROVAL BY LEAD LOCAL AUTHORITY
- ALL DIMENSIONS IN PIPES AND FITTINGS SHOULD BE CHECKED ON SITE
- ALL DIMENSIONS IN PIPES AND FITTINGS SHOULD BE CHECKED ON SITE
- ALL DIMENSIONS IN PIPES AND FITTINGS SHOULD BE CHECKED ON SITE

U01 - STAGE 5 - FOR CONSTRUCTION	JD	UJ	1707/25
P02 - STAGE 4 SECURITY CHANGE ISSUE	JD	UJ	1306/24
P03 - STAGE 4 FINAL	GN	SR	2003/24
P04 - STAGE 4 FINAL	GN	SR	2003/24
P05 - FINAL STAGE 4 ISSUE	GN	SR	2003/24
P06 - STAGE 3 ISSUE	TP	TK	2010/23
P07 - WP FOR COSTING	TP	TK	2009/23



BDP.

15 Brompton Road
London
EC1Y 4LJ
United Kingdom
T +44 (0)20 7812 8000
www.bdp.com

ECMWF

P3002898

BELOW GROUND DRAINAGE

TYPICAL DETAILS SHEET 3 of 12

1:10

09/25/2023

S41

ECMWF-BDP-ZZ-ZZ-DR-C-000402

C01