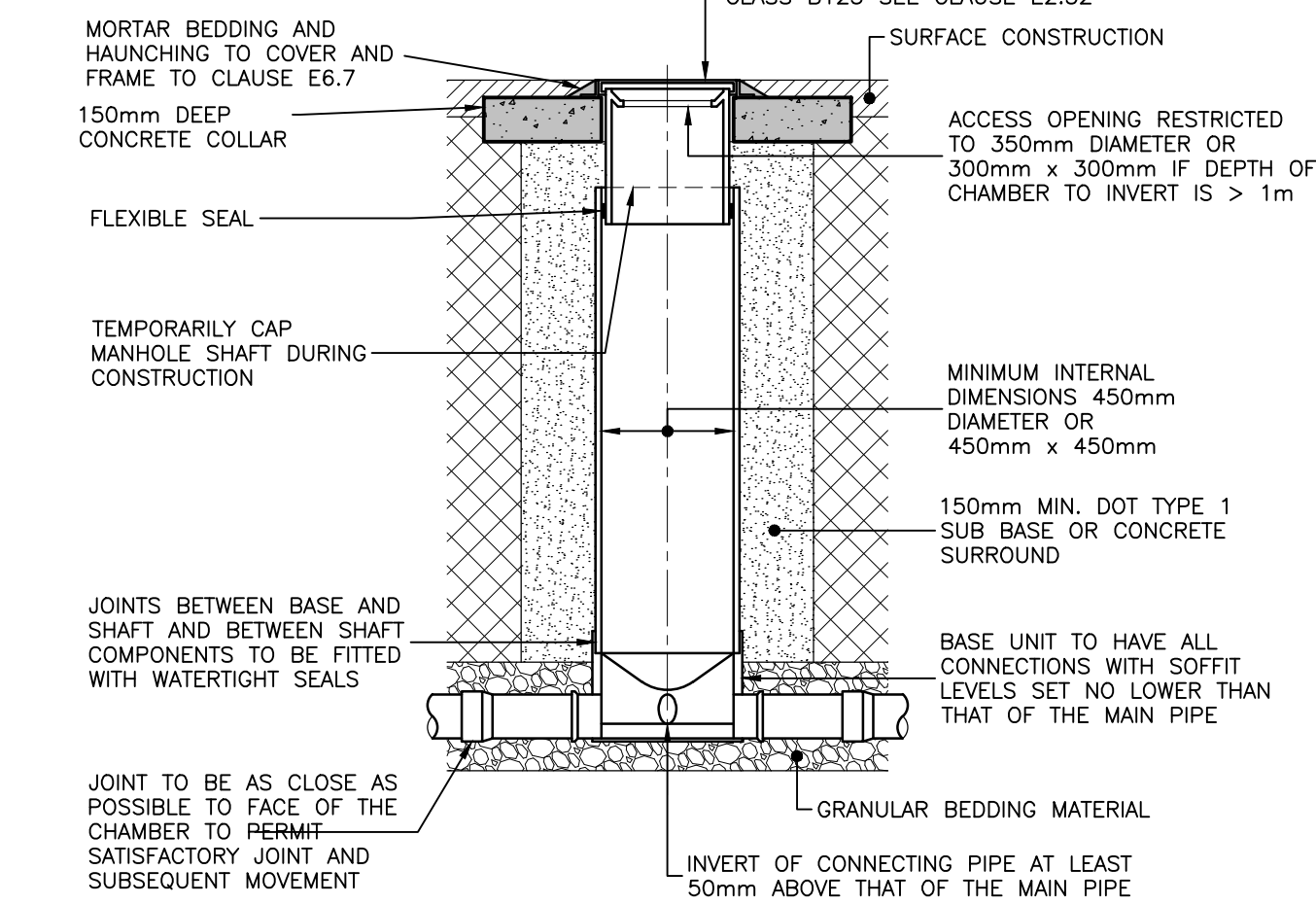


PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL

SITED IN DOMESTIC DRIVEWAYS OR FOOTWAYS



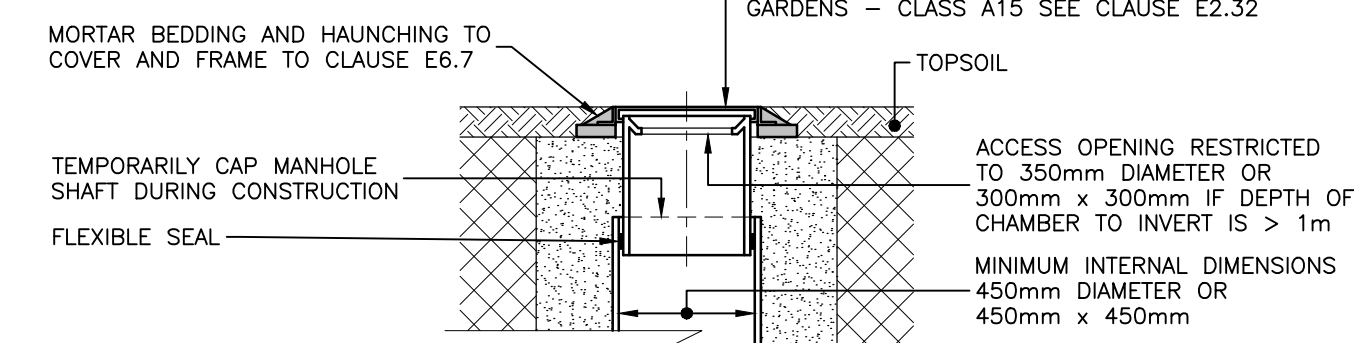
TYPICAL ACCESS CHAMBER DETAIL - TYPE 3

(FLEXIBLE MATERIAL DETAIL)

MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3m, NON-ENTRY

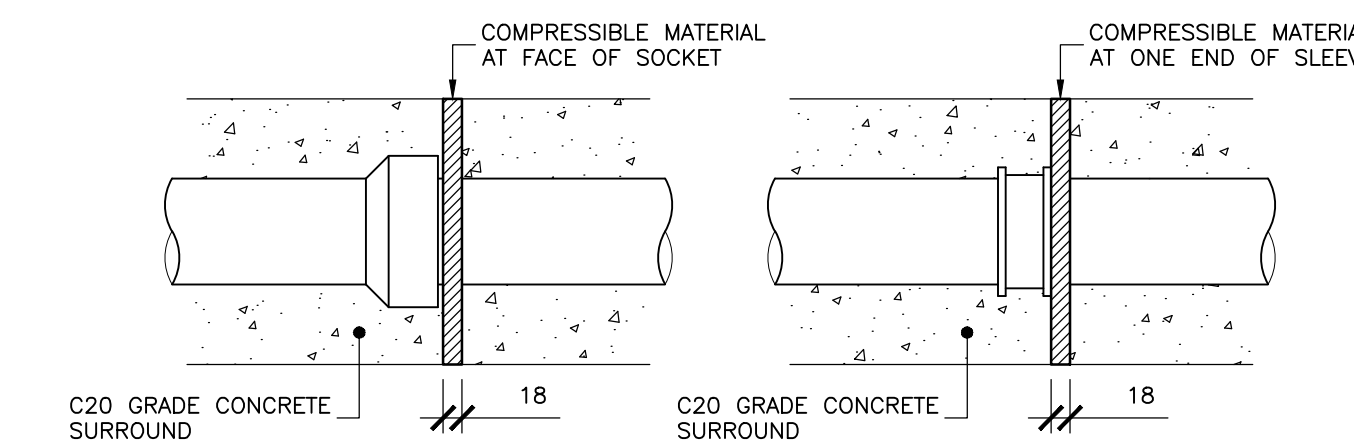
(1:25)

SITED IN DOMESTIC GARDENS



ALTERNATIVE COVER DETAIL FOR LANDSCAPED AREAS - TYPE 3

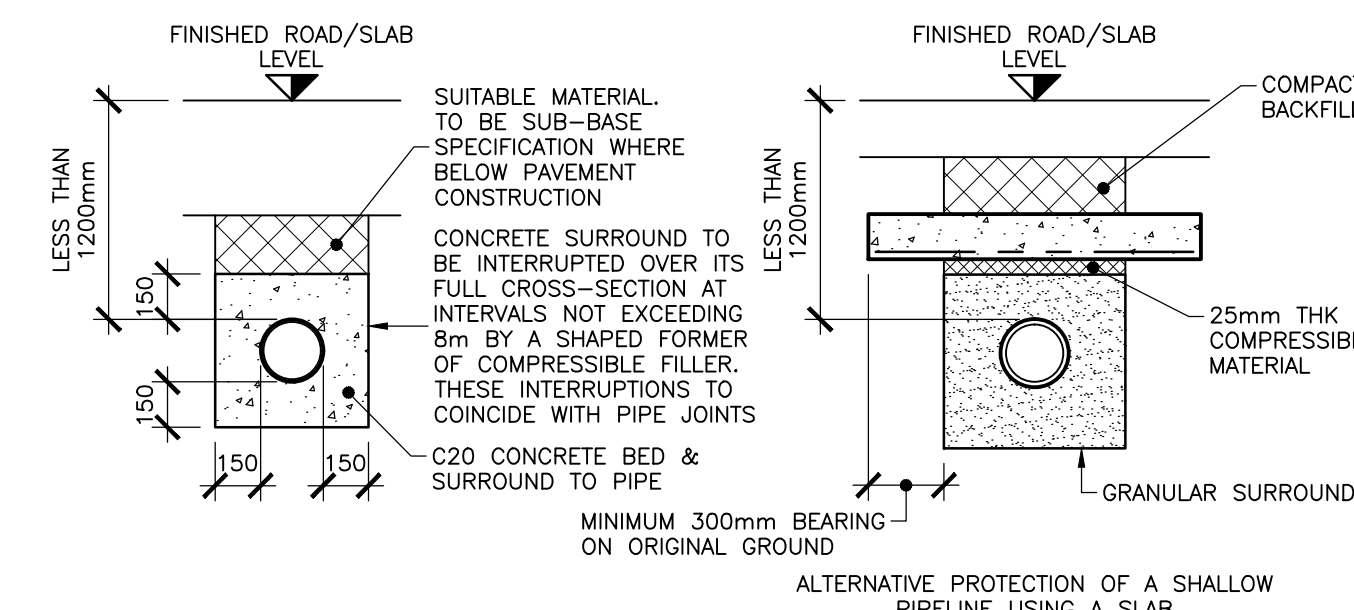
(1:25)



O-RING JOINTED PIPES

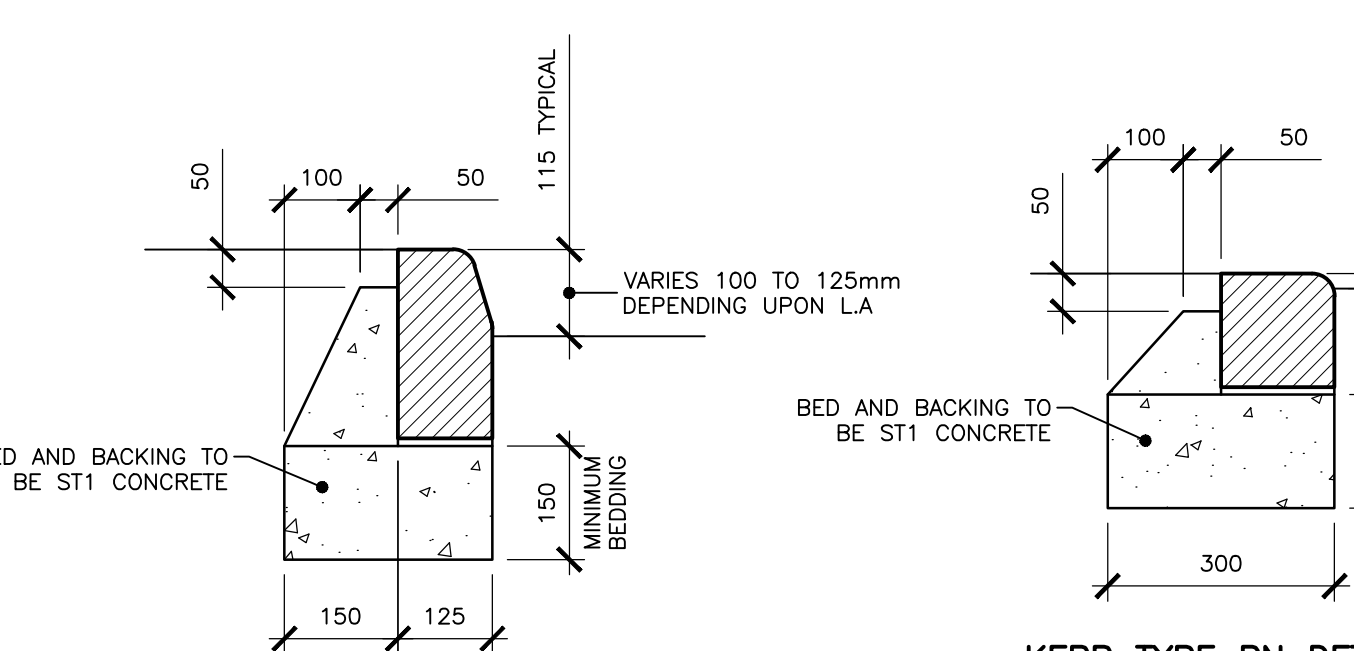
SLEEVE JOINTED PIPES

THE FLEXIBILITY OF A PIPELINE BEDDED ON, OR SURROUNDED WITH, CONCRETE SHOULD NORMALLY BE MAINTAINED BY THE PROVISION OF FLEXIBLE CONSTRUCTION JOINTS THROUGH THE CONCRETE AT PIPE JOINTS. THESE SHOULD BE MADE FROM BITUMEN IMPREGNATED INSULATING BOARD COMPLYING WITH B.S. 1142 PART 3, OR OTHER EQUALLY COMPRESSIBLE FILLER MATERIAL SUCH AS EXP&D POLYSTYRENE. THE BOARD SHOULD BE CUT TO FIT THE PIPES & PLACED AT THE FACE OF THE PIPE SOCKETS OR AT ONE END OF SLEEVE JOINTS. THE JOINT MATERIAL SHOULD BE AT LEAST 18mm THICK PLACED AT 5.0m CENTRES MAX.



PROTECTION TO PIPELINES WITH LESS THAN 1200mm COVER

(1:25)



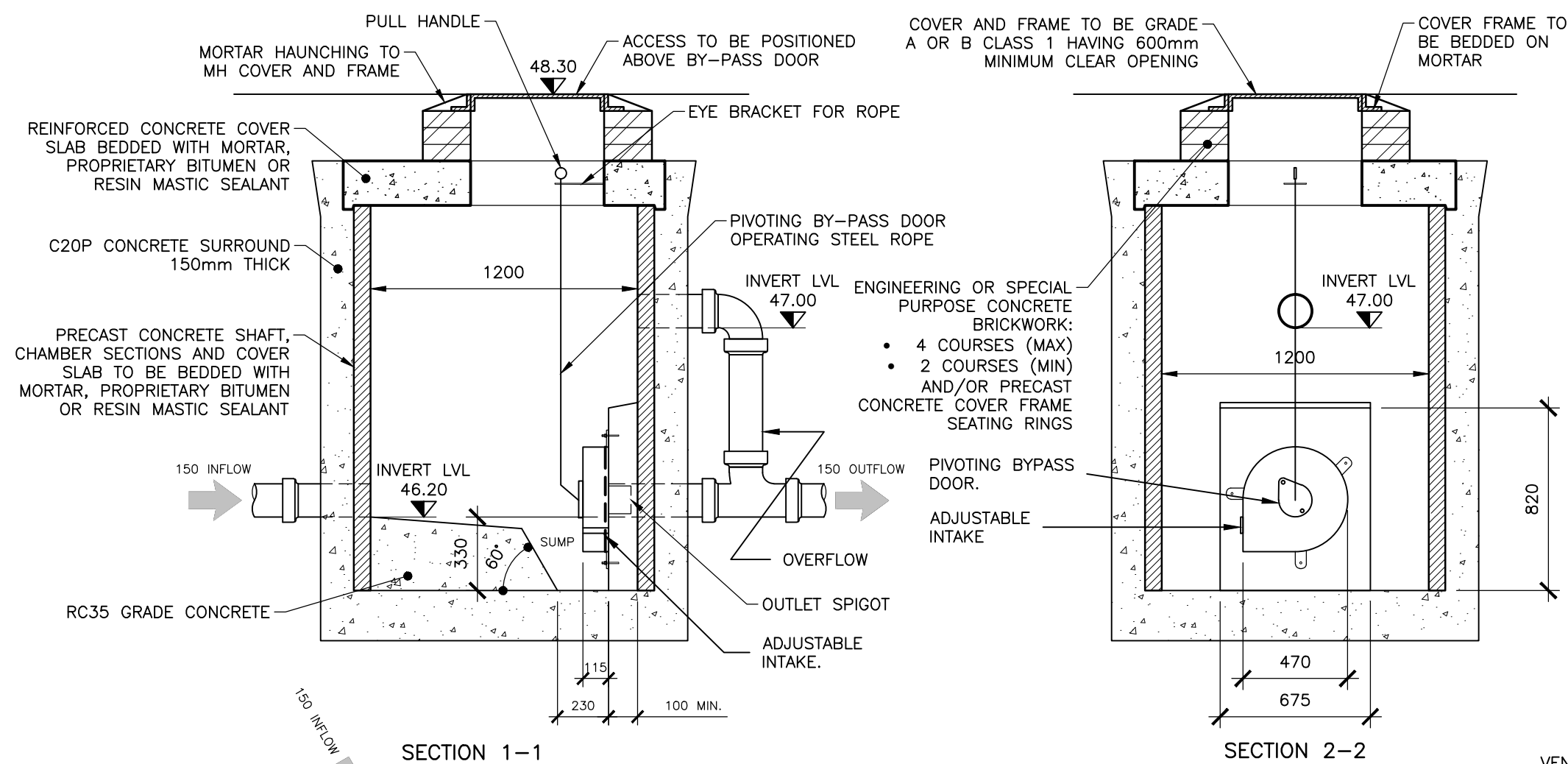
KERB TYPE HB 2 DETAIL

(1:10)

KERB TYPE BN DETAIL

(DROPPED KERB)

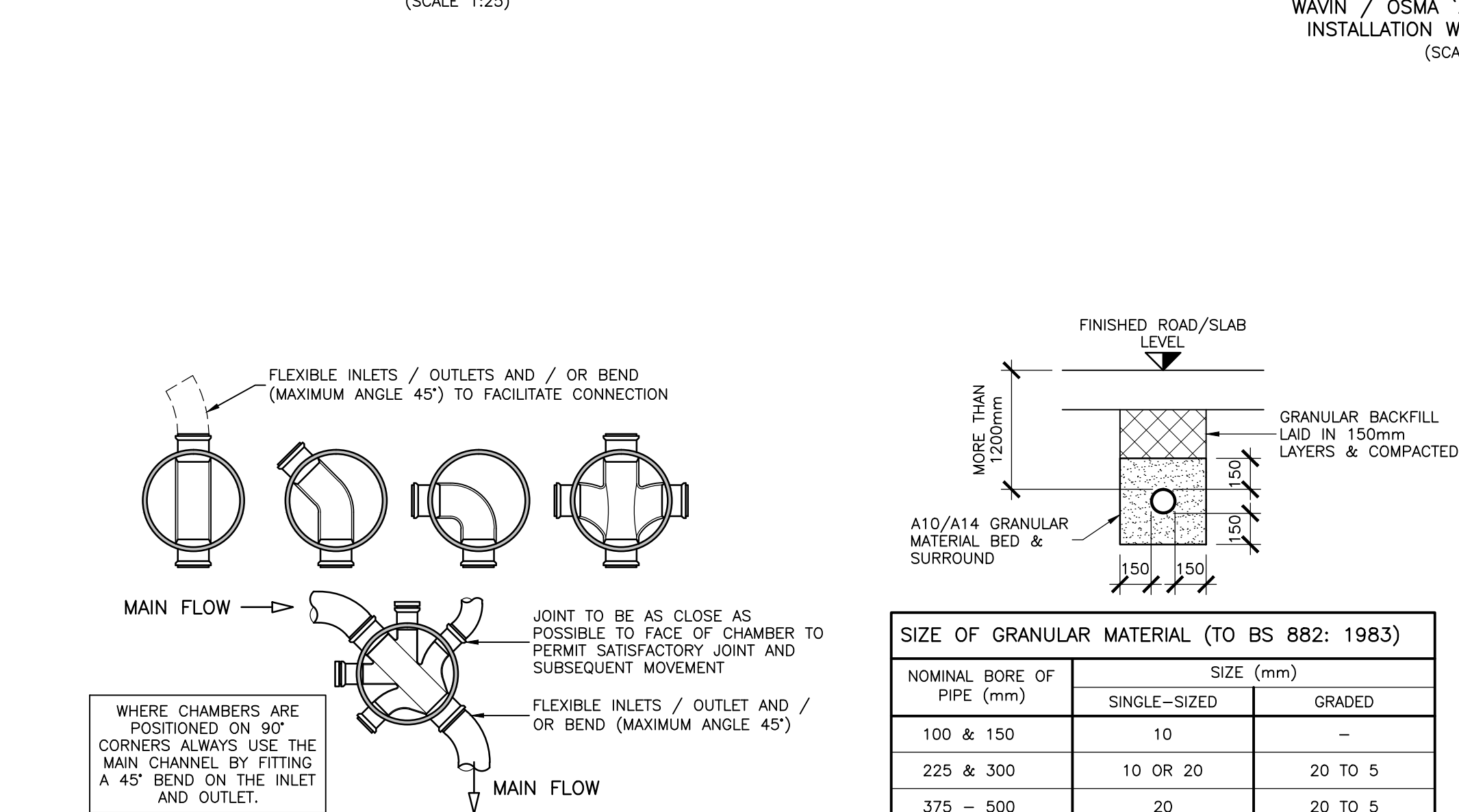
(1:10)



MANHOLE S2 HYDRO-BRAKE DETAIL

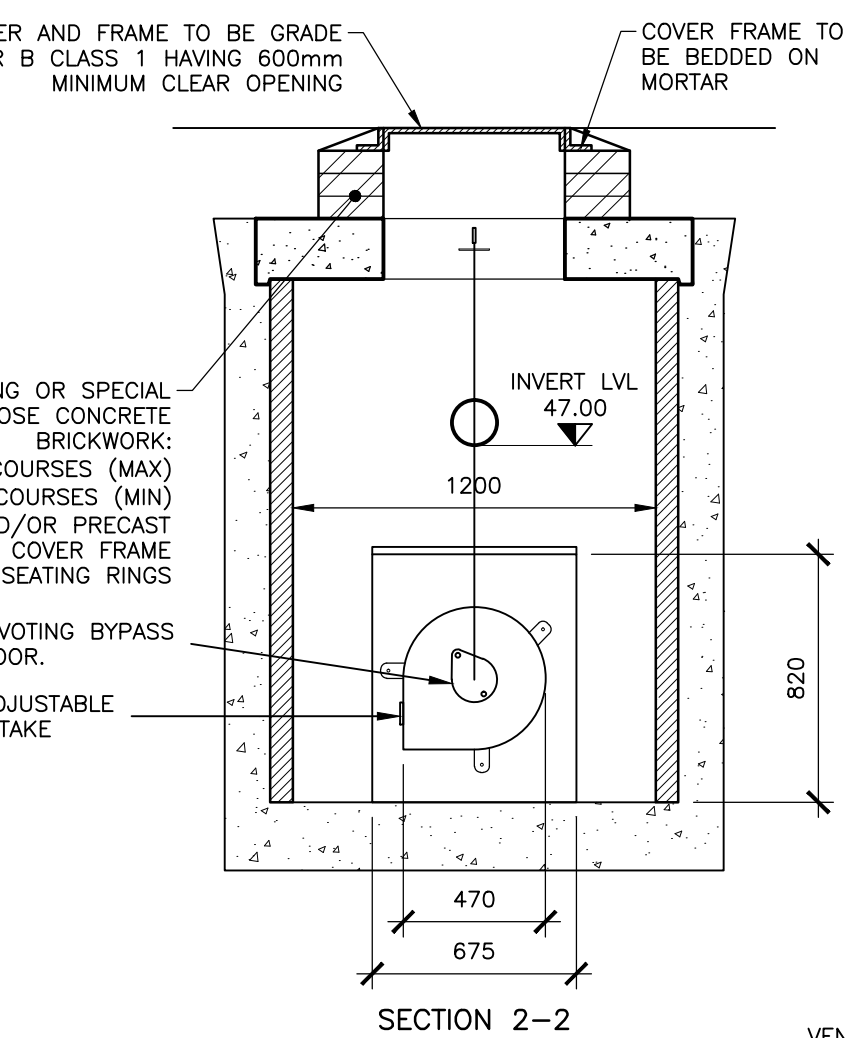
(HYDRO-BRAKE INSTALLATION TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS)

(SCALE 1:25)



ALTERNATIVE BASE LAYOUTS FOR TYPE 3 CHAMBERS

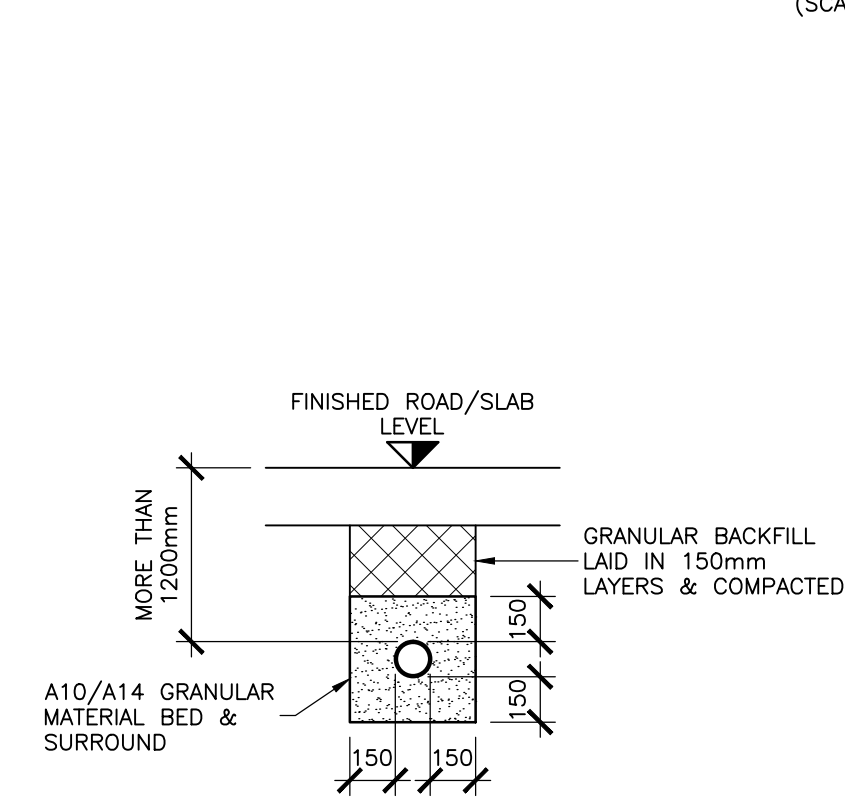
(1:25)



STORM WATER ATTENUATION TANK

WAVIN / OSMO 'AQUACELL' ATTENUATION INSTALLATION WITH VENT PIPE DETAIL

(SCALE 1:25@A1)

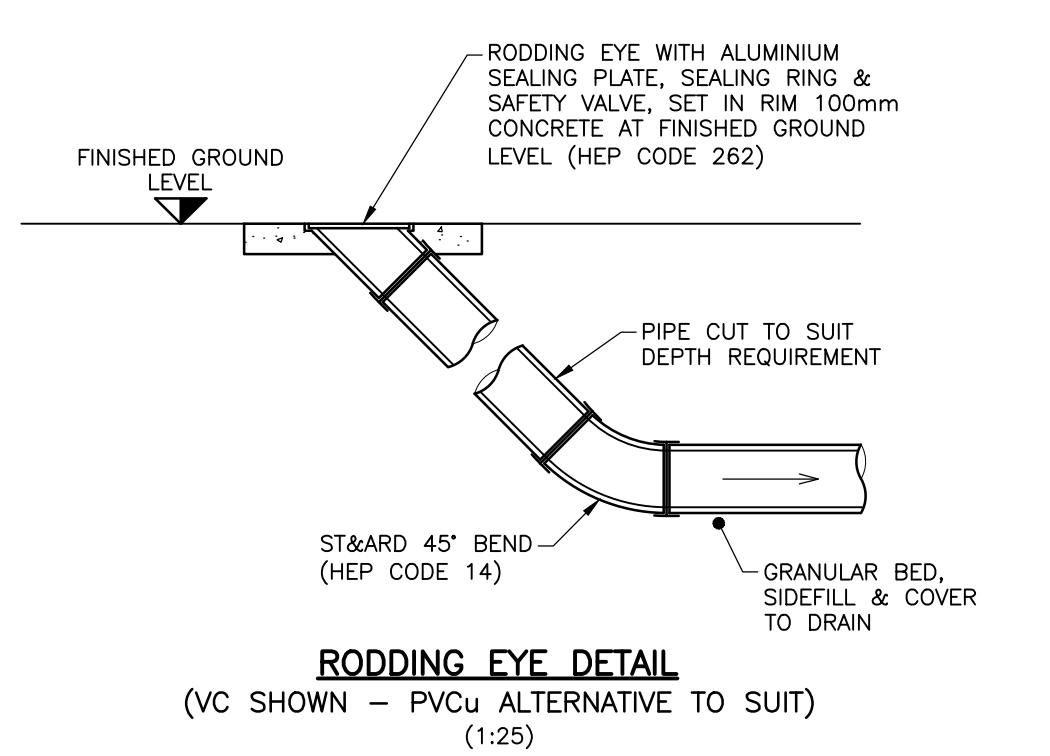


PIPE BED & SURROUND DETAIL

(CLASS S)

(1:25)

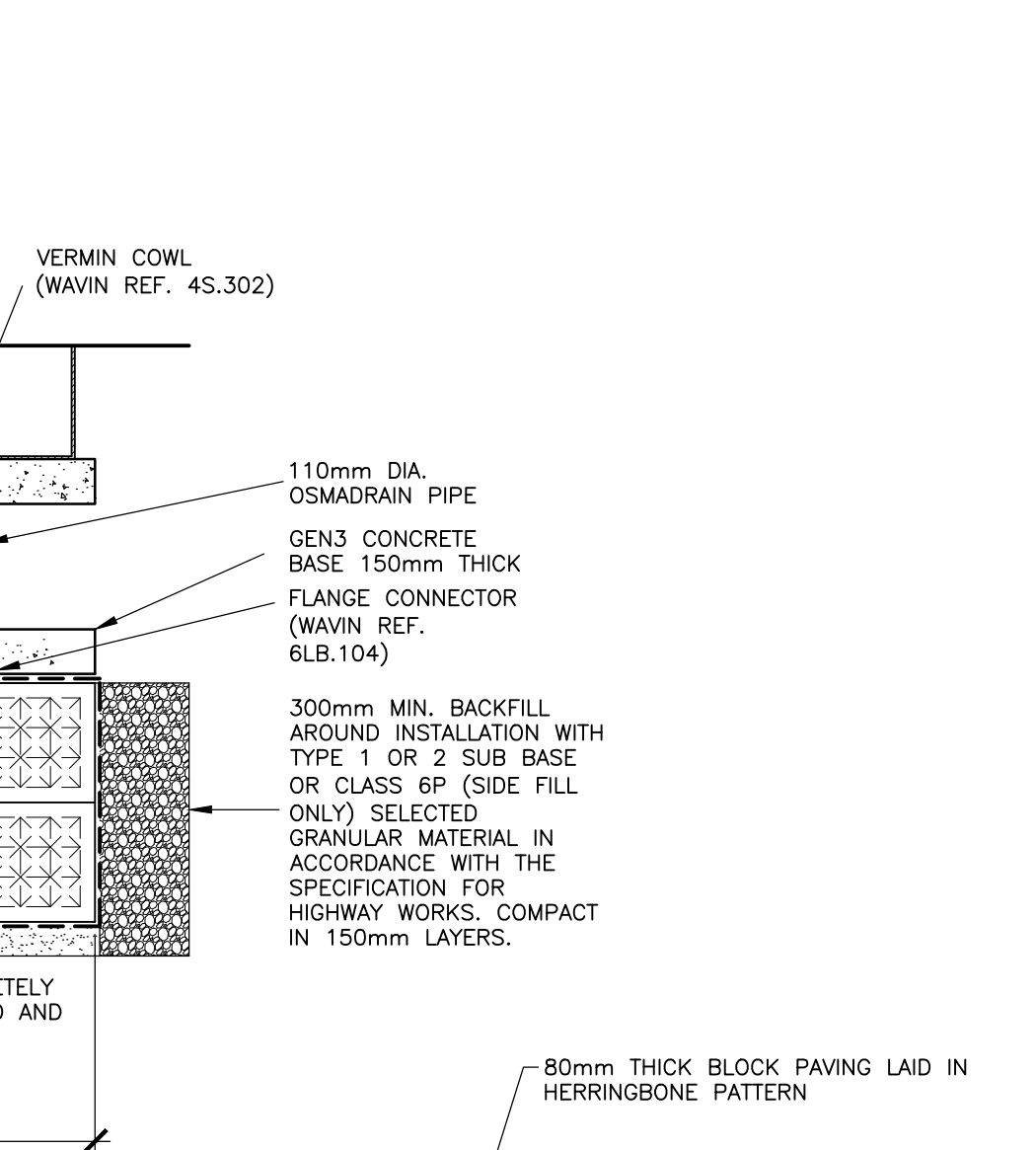
NOMINAL BORE OF PIPE (mm)	SIZE (mm)	
	SINGLE-SIZED	GRADED
100 & 150	10	-
225 & 300	10 OR 20	20 TO 5
375 - 500	20	20 TO 5



RODDING EYE DETAIL

(VC SHOWN - PVCu ALTERNATIVE TO SUIT)

(1:25)

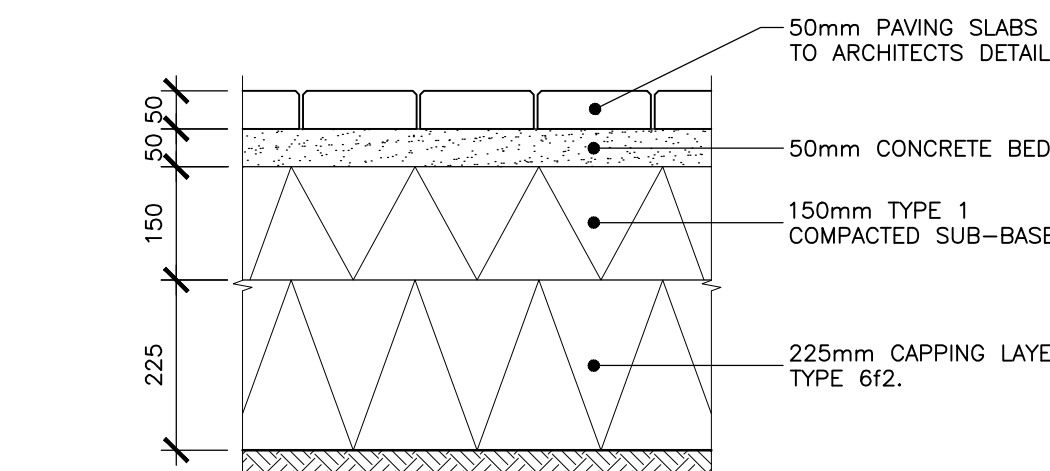


BLOCK PAVING PARKING BAYS UNDER BUILDING

CONSTRUCTION DETAIL

(NO HEAVY VEHICLE ACCESS)

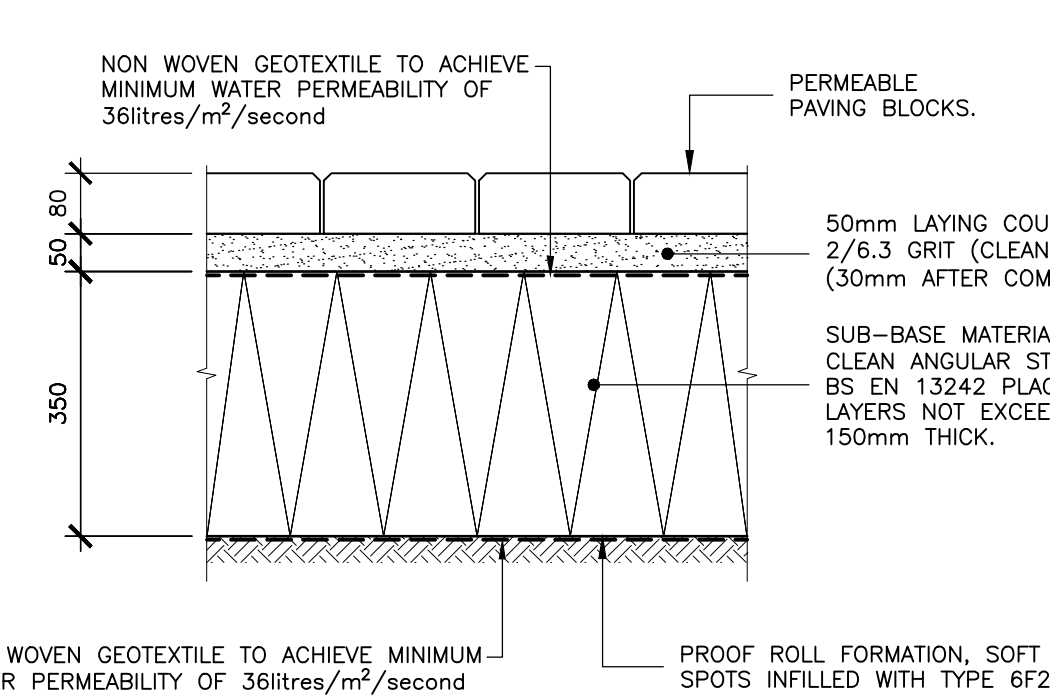
(1:10@A1)



BIN STORE AREA

CONSTRUCTION DETAIL

(1:10@A1)



PARKING AREAS PERMEABLE BLOCK PAVING

CONSTRUCTION DETAIL

(1:10@A1)

NOTES

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6. MAIN CONTRACTOR TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
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ACTIVITY	HAZARD	CONTROL

NOTE: THE ABOVE ASSESSMENT RECORDS ONLY THOSE ELEMENTS CONSIDERED UNUSUAL, DIFFICULT TO MANAGE OR OUTSIDE OF THE ANTICIPATED EXPERTISE OF A COMPETENT CONTRACTOR

A	29/02/16	ISSUED FOR CONSTRUCTION.	PJM
P1	20/11/15	PRELIMINARY ISSUE FOR COMMENT	PJM
Mk	Date	Revision	By

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UKAS
CERT: 050165

Client
PMC CONSTRUCTION

Architect
KENN SCADDEN ASSOCIATES

Project Title
9-11 ST GEORGES WALK
WATERLOOVILLE

Drawing Title
DRAINAGE DETAILS
SHEET 1

Scale	Paper Size	Date	Drawn by	Chk. by
AS SHOWN	A1	NOV. 2015	PJM	ARW

Scale AS SHOWN	Paper Size A1	Date NOV. 2015	Drawn by PJM	Chkd. by ARW																				
Project No. PMC222		Drawing No. 551	Rev. <table border="1"><tr><td>☒</td><td>A</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		☒	A																		
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