

RAINWATER PIPE

RWP ADAPTOR
 68mm ROUND - CODE S/4A06B
 65mm SQUARE - CODE S/4A06C
 76mm MAX UNIVERSAL - CODE SA11

FFL: (SEE PLAN)

GL: (SEE PLAN)

90° BEND CODE SDB2/1

SHORT LENGTH OF PIPE CUT TO SUIT

CEMENT MORTAR FILLET

WASTE OR RAINWATER PIPE UP TO MAXIMUM 110mm DIAMETER OR 100mm SQUARE

POLYPROPYLENE GRID (PROVIDED) :-
OR SEALING PLATE - CODE IS1 #
PLAIN METAL GRID - CODE IG1 (ALLOY)
- CODE IG1C (CAST IRON)

HINGED METAL GRID:-
CODE IH1 (ALLOY)
CODE IH1C (CAST IRON)

ACCESS GULLY CODE SG3/1

GL: (SEE PLAN)

FFL: (SEE PLAN)

175

315

CONNECTION SHOWN INDICATIVE REFER TO LAYOUT

150mm GEN 1 CONCRETE BED & SURROUND. SEEK ADVISE IN AGGRESSIVE GROUND CONDITIONS

REFER TO PIPE BEDDING DETAILS AND LIMITS TO COVER TABLE

Technical Drawing of a Precast Concrete Manhole Assembly

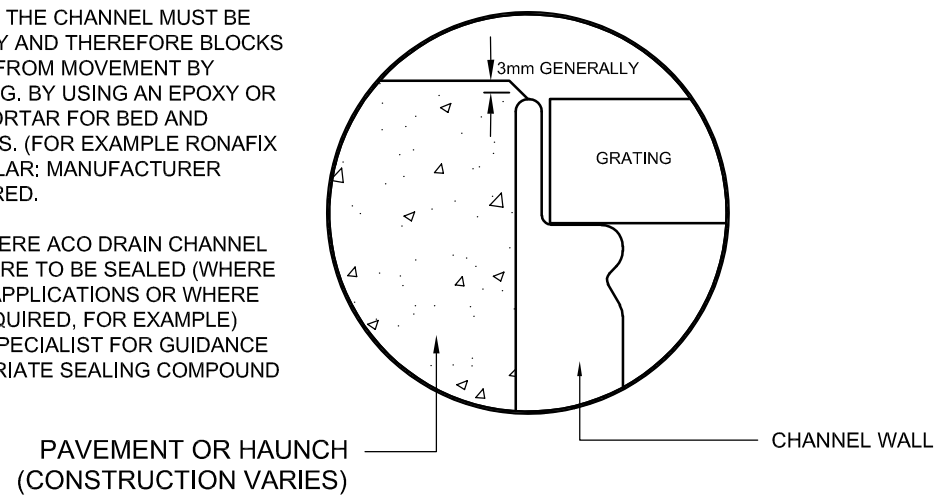
Annotations:

- MORTAR BEDDING AND LAUNCHING TO COVER AND FRAME (SEE SIA7 CLAUSE E6.7)
- MINIMUM 2 COURSES OF CLASS B ENGINEERING BRICKS OR PRECAST CONCRETE COVER FRAME SEATING RINGS
- 675mm MAXIMUM TO FIRST STEP RUNG FROM COVER LEVEL
- LIFTING EYES IN CONCRETE RINGS TO BE POINTED
- IN-SITU CONCRETE TO BE FND4 (DS-4) (DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGGRESSIVE GROUND)
- DIAMETER: SEE PLAN
- MINIMUM CLEAR ACCESS 600mm
- PRECAST CONCRETE MANHOLE SECTIONS AND COVER SLAB TO BE BEDDED WITH MORTAR, PLASTOMERIC OR ELASTOMERIC SEAL CONFORMING TO BS EN 1917 AND BS 5911-3 SEE (SEE SIA7 CLAUSE E2.29)
- 150mm CONCRETE SURROUND
- CHAMBER HEIGHT (NOT LESS THAN 900mm)
- THE BOTTOM PRECAST MANHOLE RING TO BE BUILT INTO BASE CONCRETE MINIMUM 75mm
- PIPES BUILT INTO MANHOLE SHOULD HAVE A FLEXIBLE JOINT AS CLOSE AS FEASIBLE TO THE EXTERNAL FACE OF THE STRUCTURE AND THE LENGTH OF THE NEXT ROCKER PIPE SHOULD BE AS SHOWN.
- CONSTRUCTION JOINT
- FND4 (DS-4) CONCRETE BED 150mm THICK
- 50MM GRADED SHARP SAND COMPACTED TO 30mm

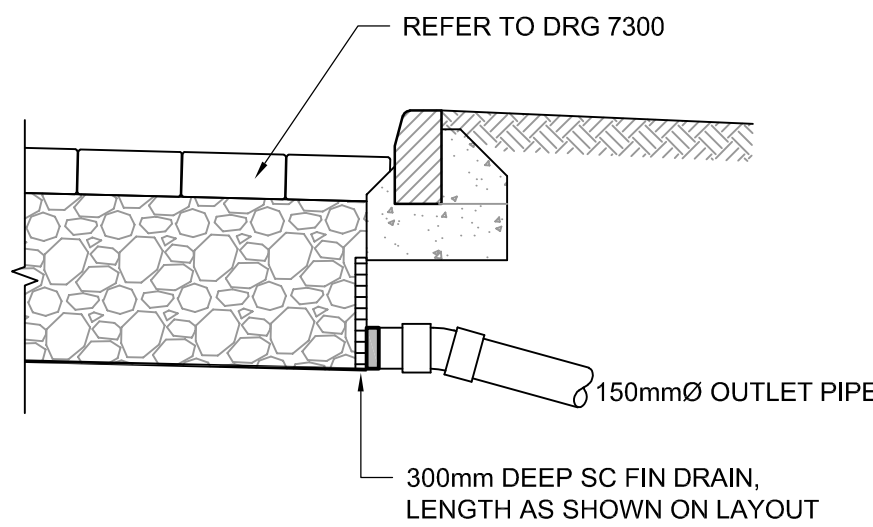
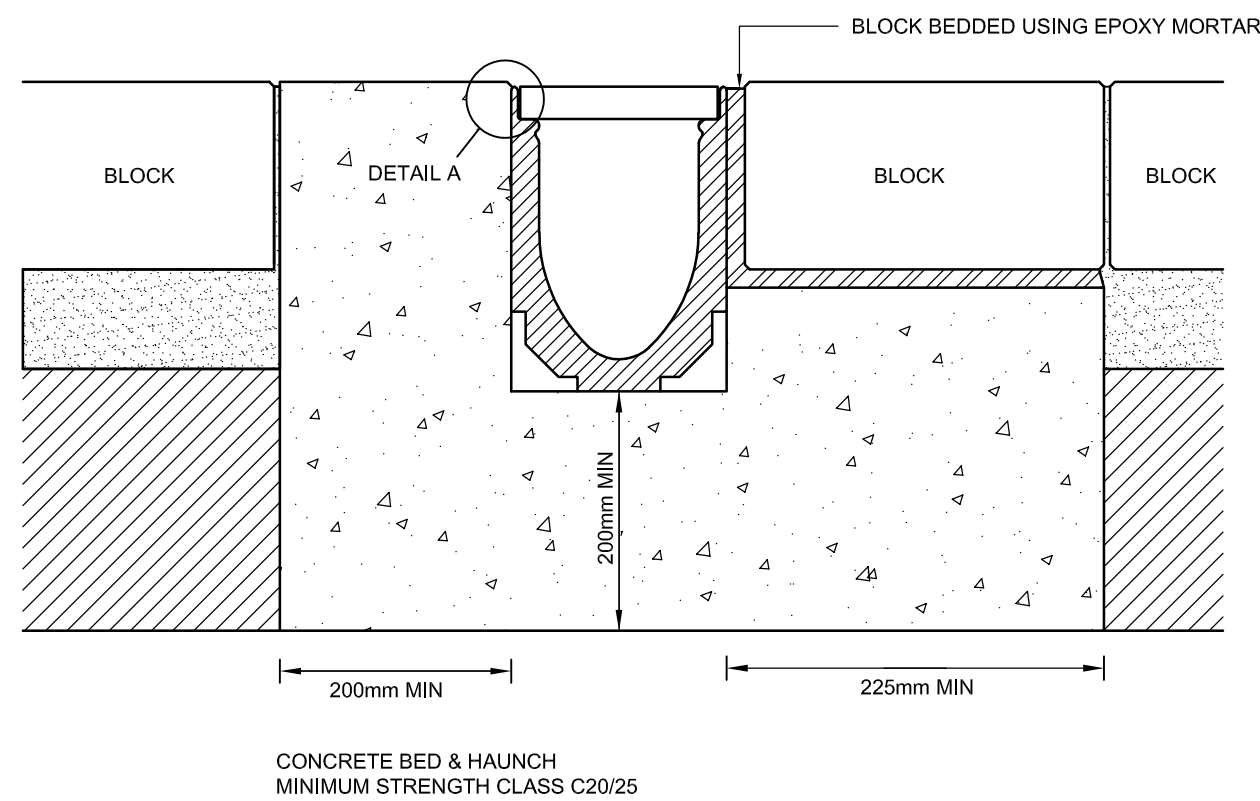
Table: Pipe Length Requirements

NOMINAL DIA.	MAXIMUM EFFECTIVE LENGTH
150-600	600
601-750	1000
OVER 750	1250

SCALE 1:20
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3.0m



ACO MULTIDRAIN CHANNEL INSTALLATION FOR LOAD CLASS D400
(BLOCK PAVING)



KEY PLAN

NOTES

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
2. The DWG file is issued for the purposes of coordination only and do not represent formal drawing issue and are not to be reprinted in any form. Formal issue of drawings is via DWG, Adobe PDF files and/or hard copies and their associated information issue sheets.
3. Note that all care has been taken with the export of DWG files and their content, but we recommend that you make due dimensional checks before using any DWG file information. Any errors found are to be reported to Hydrock immediately.

NOMINAL INTERNAL DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	MINIMAL NOMINAL INTERNAL DIMENSION OF MANHOLE (mm)
LESS THAN 375	1200
375 - 450	1350
500 - 700	1500
750 - 900	1800
GREATER THAN 900	PIPE DIAMETER + 900

NOMINAL DIA.	MAXIMUM EFFECTIVE LENGTH
150-600	600
601-750	1000
OVER 750	1250

P05	ISSUED FOR CONTRACT					
	D.GALLIMORE	04/05/20	D.GALLIMORE	04/05/20	M. GRIFFIN	04/05/20
P04	ISSUED FOR CONTRACT					
	R.HUNT	13/03/20	D.GALLIMORE	13/03/20	M. GRIFFIN	13/03/20
P03	REVISED FOLLOWING COMMENTS (AS CLOUDED)					
	D.GALLIMORE	15/11/19	M. GRIFFIN	15/11/19	M. GRIFFIN	15/11/19
P02	REVISED FOLLOWING COMMENTS (AS CLOUDED)					
	D.GALLIMORE	06/11/19	M. GRIFFIN	06/11/19	M. GRIFFIN	06/11/19
P01	TENDER ISSUE					
	R.HUNT	11/10/19	D.GALLIMORE	11/10/19	M.GRIFFIN	11/10/19
REV	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

CLIENT

LANDLINK ESTATES

PROJECT
SALTBOX
BOGNOR REGIS

TITLE

DRAINAGE DETAILS
SHEET 3

HYDROCK PROJECT NO. C-13319-C		SCALE @ A1 AS SHOWN	
STATUS DESCRIPTION ISSUED FOR CONTRACT			STATUS D2
DRAWINGS NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) SAL-HYD-00-ZZ-DR-C-7102			REVISION P05