

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375 TO 450	1350
500 TO 750	1500

MINIMUM WIDTH OF BENCHING FOR LANDING AREA TO BE 500MM.

REFER TO TABLE FOR PC RING DIAMETER

MIN. 375

MIN. 600

MIN. 600

PIPE JOINT WITH CHANNEL TO BE LOCATED MINIMUM 100mm INSIDE FACE OF MANHOLE.

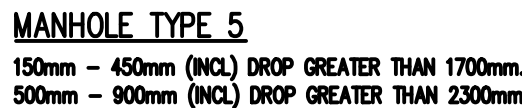
ROCKER PIPE 2X0 OR 1000 MAX.

FLEXIBLE JOINT.

FLOW

FLOW

MANHOLE TYPE 3
PRECAST CONCRETE FOUL MANHOLE
(STD-WW-10)
SCALE 1:20



NOTES:

1. PRECAST CONCRETE MANHOLE (ø450mm DIA) STD-WM-10

2. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.

3. PRECAST MANHOLES UNITS, COMPLYING WITH REQUIREMENTS OF IS EN 1917 AND BS 5911-PART 3.

4. THICKER MANHOLE BASE REQUIRED FOR SEWERS IN EXCESS OF 3m DEEP WHERE THE SIZE IS GREATER THAN THE STANDARD MINIMUM SIZE.

5. APPROVED PRE-CAST CONCRETE BASES MAY BE USED INCORPORATING CHANNELS, ENDOING ETC. SUBJECT TO IRISH WATER APPROVAL AND COMPLYING WITH BS 5911-PART 42002.

6. STRUCTURAL DESIGN AND REINFORCEMENT DETAILS TO BE PROVIDED BY THE DEVELOPER AND SUBMITTED TO IRISH WATER FOR REVIEW.

7. MANHOLES GREATER THAN 3m IN DEPTH WILL REQUIRE A DETAILED STRUCTURAL DESIGN AND BE

8. SUBJECT TO IRISH WATER APPROVAL.

9. MANHOLE ROADS SHOULD CONSIST OF RE-INFORCED CONCRETE SLAB OF IN-SITU CONCRETE, C30/37, WITH A MINIMUM THICKNESS OF 125mm DESIGNED TO CARRY ALL LIVE AND DEAD LOADS, ALTERNATIVELY APPROVED PRE-CAST CONCRETE ROAD SLABS MAY BE USED SUBJECT TO IRISH WATER APPROVAL AND COMPLIANCE WITH BS 5911 PART 4, 2002.

10. COVER AND FRAMES SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS SUBJECT TO APPROVAL FROM IRISH WATER.

11. 200mm ALL AROUND, 100mm DEEP CONCRETE CURB WITH PROTECTED STANDSTEE STEEL METAL BAND AROUND CURBS IN GREEN AREAS.

12. ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLOATION MEASURES BE REQUIRED THEY SHALL BE SUBJECTED TO APPROVAL FROM IRISH WATER.

13. ALL CONCRETE TO BE IN COMPLIANCE WITH IS EN 206: 2013.

14. ANY SPECIAL ROAD REINSTATEMENT AROUND COVER AND FRAME SHALL BE TO ROAD AUTHORITY'S REQUIREMENTS.

15. NEW ROAD CONSTRUCTION AND SURFACE FINISH TO BE TO ROAD AUTHORITY'S REQUIREMENTS.

16. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS.

17. IF DEPTH FROM ROAD TO PIPE SOFFIT IS GREATER THAN 6m DEEP, A SITE SPECIFIC ENGINEERED SOLUTION FOR ACCESS SHALL BE PROVIDED.

18. PROPRIETARY WATERIGHT PCC MANHOLE RING SYSTEMS WITH A WALL THICKNESS>125mm, & A WATER TIGHT JOINT SEALING SYSTEM, MAY BE USED WITHOUT CONCRETE SURROUND, SUBJECT TO THE GROUNDWATER LEVEL AT THE MANHOLE BEING LOW AND SUBJECT TO REVIEW BY IRISH WATER.

1. For setting out refer to Architect's drawings.
2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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Client	The Shoreline Partnership				
Project	Alterations to Shoreline GA01 Lands at Baldoyle				
Title	DRAINAGE DETAILS SHEET 1 OF 3				
Dwg. No.	BD-CSC-ZZ-XX-DR-C-0006				
Date	Dim by	Chkd by	Apprd by	Scale	Revision
06.04.2020	JS	PC	OS	AS SHOWN @ A1	P1



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