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ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE. 2. PRE-CAST MANHOLES UNITS: COMPLYING WITH REQUIREMENTS OF IS EN 1917 AND BS 5911-PART 3. 3. THICKER MANHOLE BASES REQUIRED FOR SEWERS IN EXCESS OF 3m DEEP WHERE THE SIZE IS GREATER THAN THE STANDARD MINIMUM 4. APPROVED PRE-CAST CONCRETE BASES MAY BE USED INCORPORATING CHANNELS, BENCHING ETC. SUBJECT TO IRISH WATER REVIEW AND COMPLYING WITH BS 5911-PART 4 2002.

5. STRUCTURAL DESIGN AND REINFORCEMENT DETAILS TO BE PROVIDED BY

THE DEVELOPER AND SUBMITTED TO IRISH WATER FOR REVIEW. 6. MANHOLES GREATER THAN 3m IN DEPTH WILL REQUIRE A DETAILED

7. MANHOLE ROOFS SHALL CONSIST OF A RE-INFORCED CONCRETE SLAB OF IN-SITU CONCRETE, C30/37, WITH A MINIMUM THICKNESS OF 225mm DESIGNED TO CARRY ALL LIVE AND DEAD LOADS. ALTERNATIVELY, APPROVED PRE-CAST CONCRETE ROOF SLABS MAY BE USED SUBJECT TO IRISH WATER REVIEW AND COMPLIANCE WITH BS 5911 PART 4: 2002.

8. COVERS AND FRAMES SHALL BE SUITABLE FOR ROAD AND TRAFFIC

9. 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH AROUND COVERS

10. ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLOATATION MEASURES BE REQUIRED THEY SHALL BE SUBJECT TO REVIEW

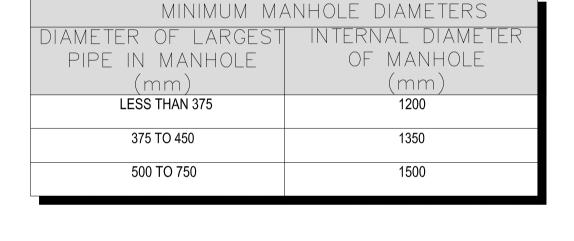
11. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206 : 2013. 12. ANY SPECIAL ROAD REINSTATEMENT AROUND COVER & FRAME SHALL BE

13. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD

14. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT. TOURISM & SPORT. OR TRANSPORT INFRASTRUCTURE

15. IF DEPTH FROM GROUND TO PIPE SOFFIT IS GREATER THAN 6m DEEP, A

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



ROCKER PIPE LENGTH	
PIPE DIAMETER	ROCKER PIPE LENGTH
(mm)	(mm)
, ,	` '
150 TO 600	600
GREATER THAN 600 TO 750	1000
CREATER THAN 000 TO 750	1000
GREATER THAN 750	1250



