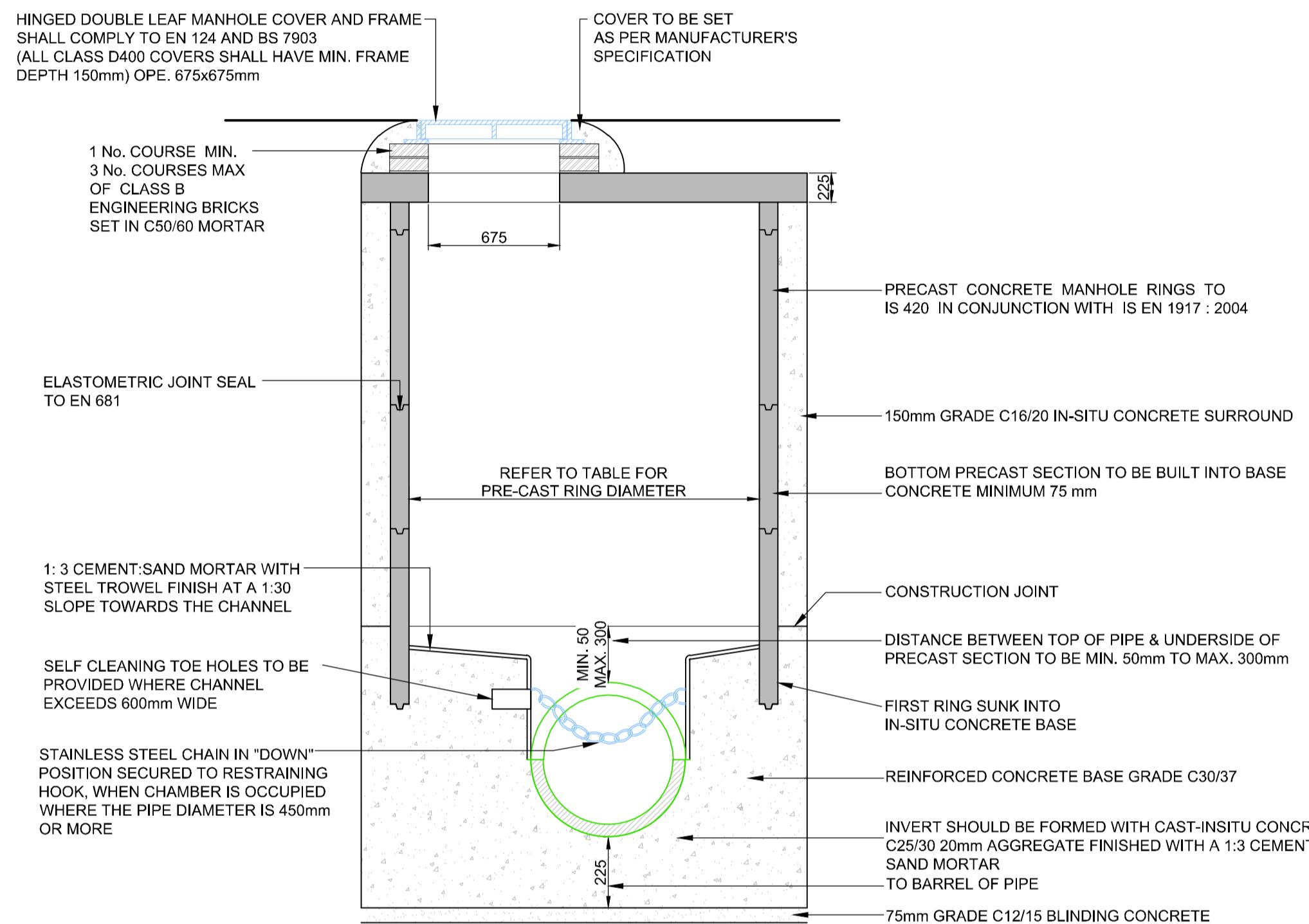
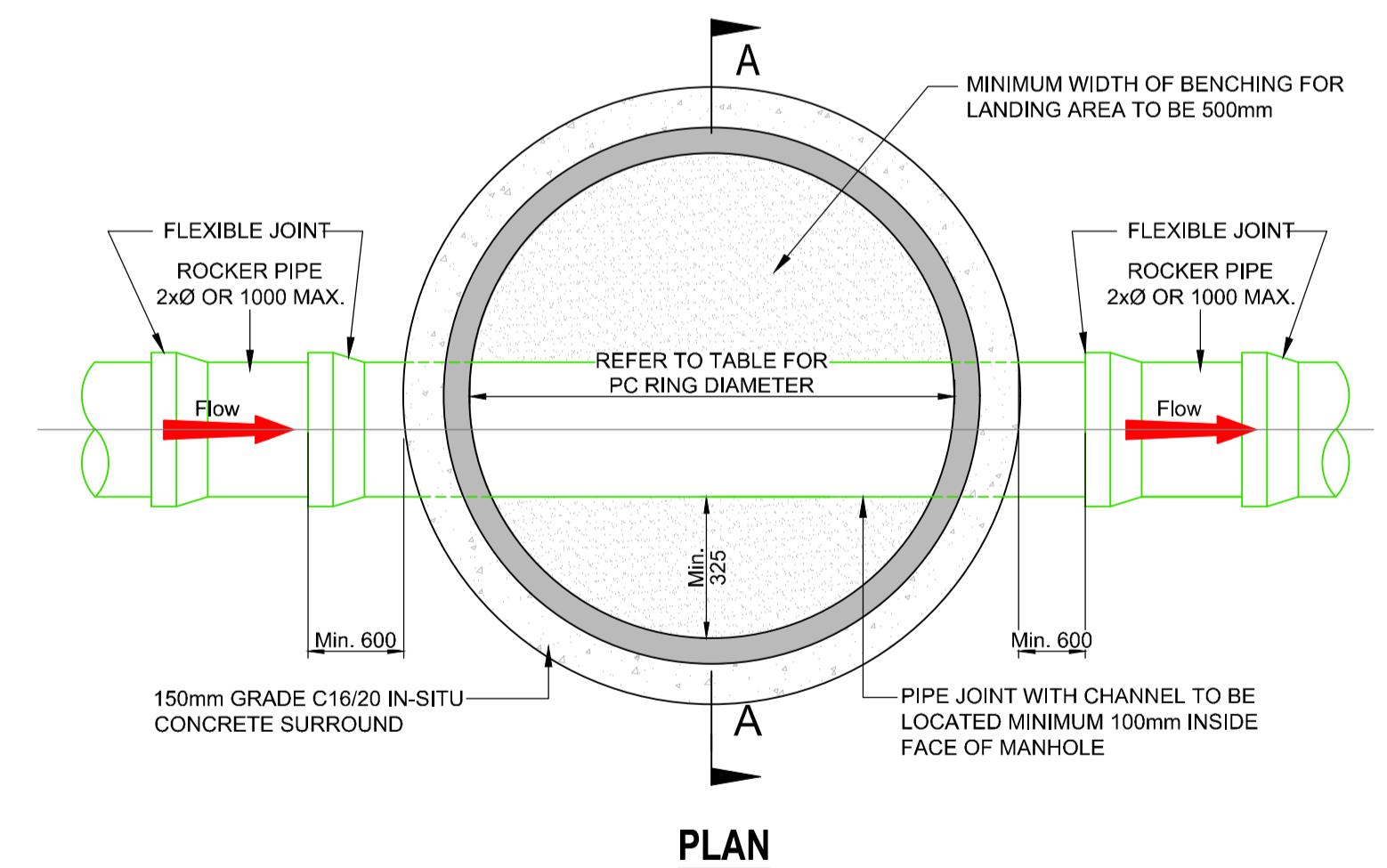


- ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- PRE-CAST MANHOLES UNITS: COMPLYING WITH REQUIREMENTS OF IS EN 1917 AND BS 5911 PART 2.
- THICKER MANHOLE BASES REQUIRED FOR SEWERS IN EXCESS OF 3m DEEP WHERE THE SIZE IS GREATER THAN THE STANDARD MINIMUM SIZE.
- APPROVED PRE-CAST CONCRETE BASES MAY BE USED INCORPORATING CHANNELS, BENCHING ETC, SUBJECT TO IRISH WATER APPROVAL AND COMPLYING WITH BS 5911-PART 4 2002.
- STRUCTURAL DESIGN AND REINFORCEMENT DETAILS TO BE PROVIDED BY THE DEVELOPER AND SUBMITTED TO IRISH WATER FOR REVIEW.
- MANHOLES GREATER THAN 3m DEEP WILL REQUIRE A DETAILED STRUCTURAL DESIGN AND BE SUBJECT TO IRISH WATER APPROVAL.
- MANHOLE ROOFS SHOULD CONSIST OF 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 APPROVAL AND COMPLIANCE WITH BS 5911 PART 4: 2002.
- COVERS AND FRAMES SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS SUBJECT TO APPROVAL FROM IRISH WATER.
- 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH WITH PROTECTIVE STAINLESS STEEL METAL BAND AROUND COVERS IN GREEN AREAS.
- 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 APPROVAL FROM IRISH WATER.
- ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206 : 2013.



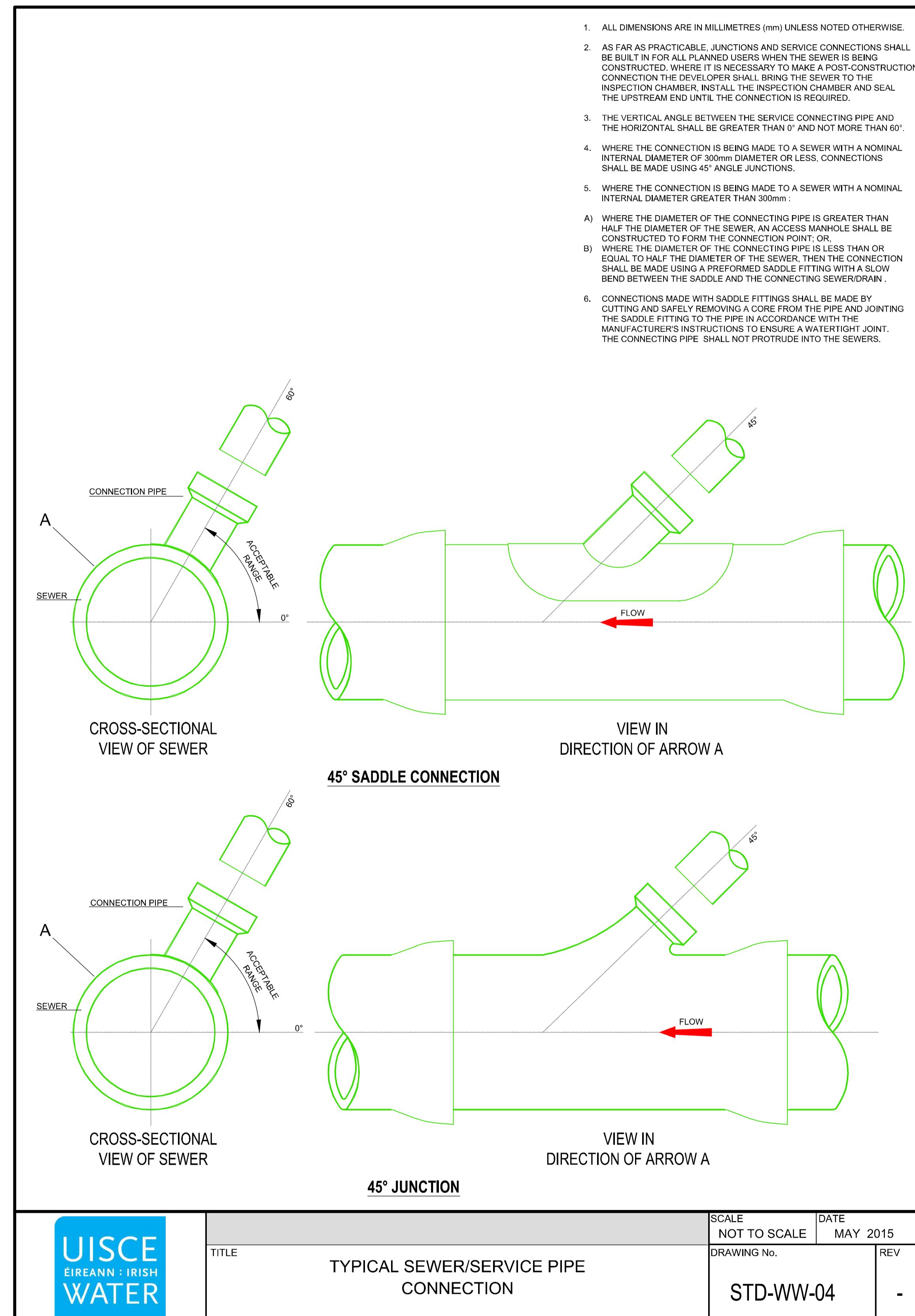
SECTION A-A



PLAN

MINIMUM MANHOLE DIAMETERS	
DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375 TO 450	1350
500 TO 700	1500

PRE-CAST CONCRETE MANHOLE



TITLE
TYPICAL SEWER/SERVICE PIPE CONNECTION

SCALE
NOT TO SCALE
DATE
MAY 2015
DRAWING No.
STD-WW-04
REV
-

NOTES

- ALL MEASUREMENTS AND LEVELS ARE EXPRESSED IN METERS, UNLESS OTHERWISE SPECIFIED.
- ALL LEVELS ARE REFERENCED TO THE MALIN HEAD DATUM.
- THE COORDINATE SYSTEM IS BASED ON THE IRISH TRANSVERSE MERCATOR.
- REFER TO ARCHITECTURAL LAYOUTS FOR CLIENT OWNERSHIP BOUNDARY AND BUILDING DIMENSIONS.
- FOUL SEWER MATERIAL TO BE UPVC AND IN ACCORDANCE TO IRISH WASTEWATER CODE OF PRACTICE.
- COVER TO FOUL SEWER MAN TO BE MINIMUM 1.2M UNDER ROADS AND 0.9M UNDER GRASSED AREAS AND FOOTPATHS TO BE 150MM CONCRETE.
- ALL COVERS IN PUBLIC AREAS TO BE D400 COVER AND FRAME UNLESS OTHERWISE NOTED.
- ALL MATERIALS PROPOSED FOR USE ON SITE TO BE APPROVED PRIOR TO ARRIVAL ON SITE.

P01	21.08.2024	ISSUED FOR INFORMATION	K.Lim	N.S.	N.S.
REV	DATE	DESCRIPTION	D	C	A
PROJECT No.	STAGE	80192	PLANNING		

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PROJECT
CLUID HOUSING MAHON

TITLE
FOUL SEWER
STANDARD DETAILS
SHEET 1

SCALES @ A1 NOT TO SCALE	DRAWN K. Lim	CHECKED N. Skelton	APPROVED N. Skelton
	DATE 21.08.2024	DATE 21.08.2024	DATE 21.08.2024

SUITABILITY CODE
S2
SUITABILITY DESCRIPTION
FOR INFORMATION
DRAWING No.
80192-NOD-01-XX-DR-C-08310
REVISION
P01