



- ## NOTES
- 1.) ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
  - 2.) PRECAST CHAMBER RINGS WILL BE CONCRETE GRADE C35/45 IN SALINE / TIDAL GROUND CONDITIONS ( $p < 20 \text{ ohm.m}$ .)
  - 3.) FOR BEDDING AND SEALING OF CHAMBER RINGS - THE TOP RING (TO P.C. COVER SLAB) AND BOTTOM RING TO BE BEDDED WITH CEMENT MORTAR. FOR INTERMEDIATE RINGS, JOINTS TO BE SEALED WITH EITHER APPROVED PREFORMED JOINTING STRIP OR BY LIBERALLY COATING THE FACES OF THE JOINTS WITH APPROVED BITUMINOUS MATERIAL PRIOR TO BEING POSITIONED : SURPLUS MATERIAL TO BE NEATLY STRUCK OFF.
  - 4.) ENTRY AND EXIT PIPES TO BE BUILT IN MONOLITHICALLY WITH THE MANHOLE AND THE MANHOLE MADE WATERTIGHT.
  - 5.) BRANCH BENDS TO BE CURVED IN THE DIRECTION OF FLOW.
  - 6.) PROVIDE RECESSED TOE HOLES IN CHANNELS OVER 450mm IN DEPTH.
  - 7.) FOR 450mm dia. EXIT PIPES AND OVER, A SAFETY CHAIN IS TO BE PROVIDED.
  - 8.) CONTRACTOR TO DETERMINE AGGREGATE SIZE ON SITE.
  - 9.) USE BACKDROP MANHOLE IF DROP IF GREATER THAN 900mm
  - 10.) MANHOLE COVER AND FRAME TO BE SET AS PER MANUFACTURER'S SPECIFICATION.
  - 11.) PRECAST REINFORCED COVER SLAB CLAR OPENING SHALL MATCH LATCH CLEAR OPENING OF COVER (MINIMUM 675mm x 675mm OR  $\phi$  675mm)
  - 12.) SEABLE MANHOLES SHALL BE 680mm WITH 750mm SQUARE OPEES.
  - 13.) WHERE SQUARE MANHOLES ARE TO BE USED IT IS TAKEN AS INTERNAL WIDTH

P01	FEB 2020	ISSUED FOR PLANNING	M.C.	B.T.	B.D.
REV	DATE	DESCRIPTION	D	C	A

PROJECT No.	STATUS	PURPOSE OF USE
20662	S0	WORK IN PROGRESS

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South Dublin County Council



**Dublin City Council**  
Comhairle Cathrach Bhaile Átha Cliath



**OPW**  
Oifig na nOibreacha Poiblí  
Office of Public Works

PROJECT

RIVER PODDLE  
FLOOD ALLEVIATION SCHEME

TITLE	NATIONAL STADIUM SEALED DOUBLE MANHOLE TYPICAL DETAILS
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SCALES	DRAWN M. Cheevers	CHECKED B. Twomey	APPROVED B. Dunphy
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