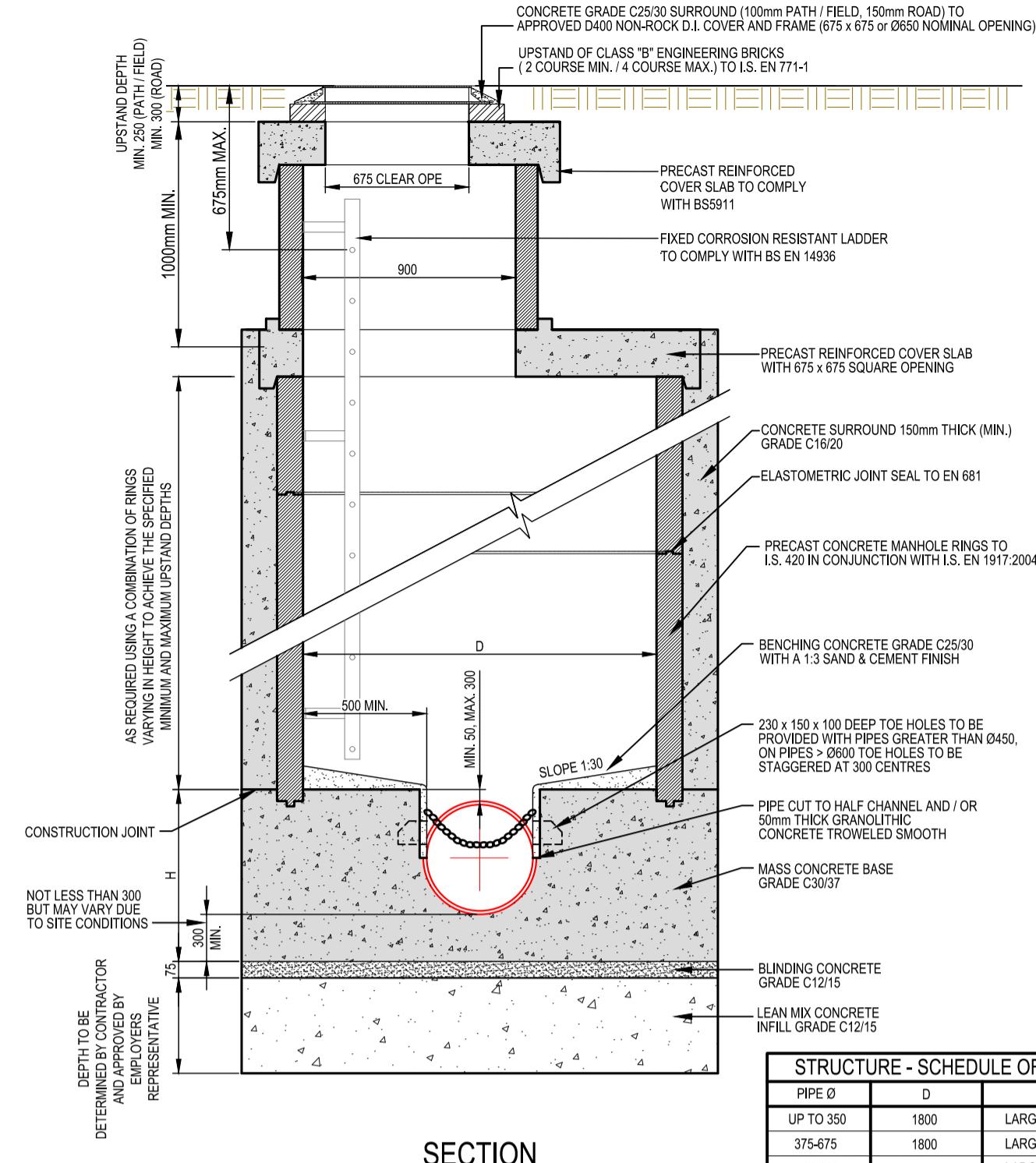


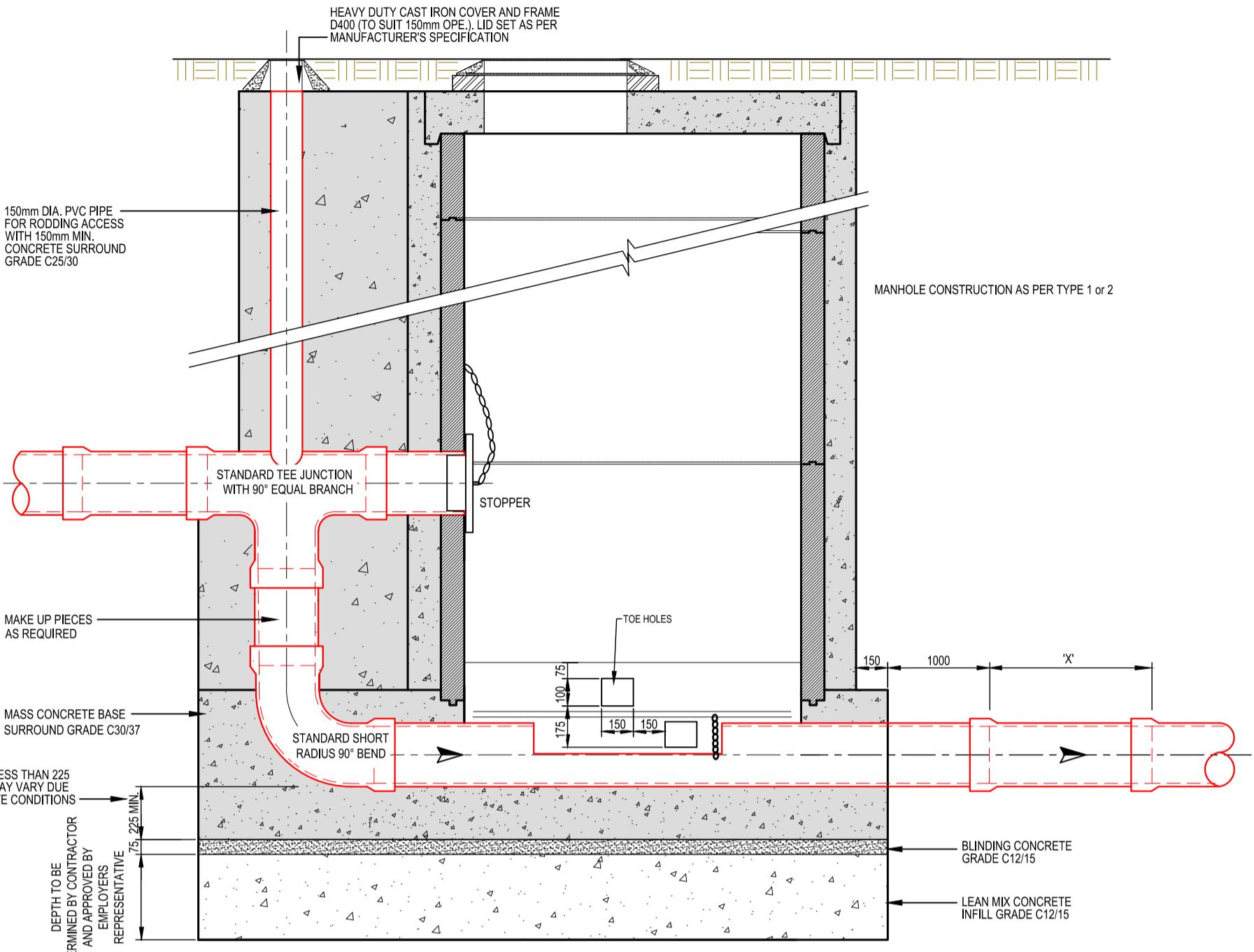
## SECTION

STRUCTURE - SCHEDULE OF DIMS		
PIPE Ø	D	H
UP TO 350	1200	LARGER Ø + 350
375-675	1500	LARGER Ø + 375
700-900	1800	LARGER Ø + 400
> 900	2100	LARGER Ø + 450

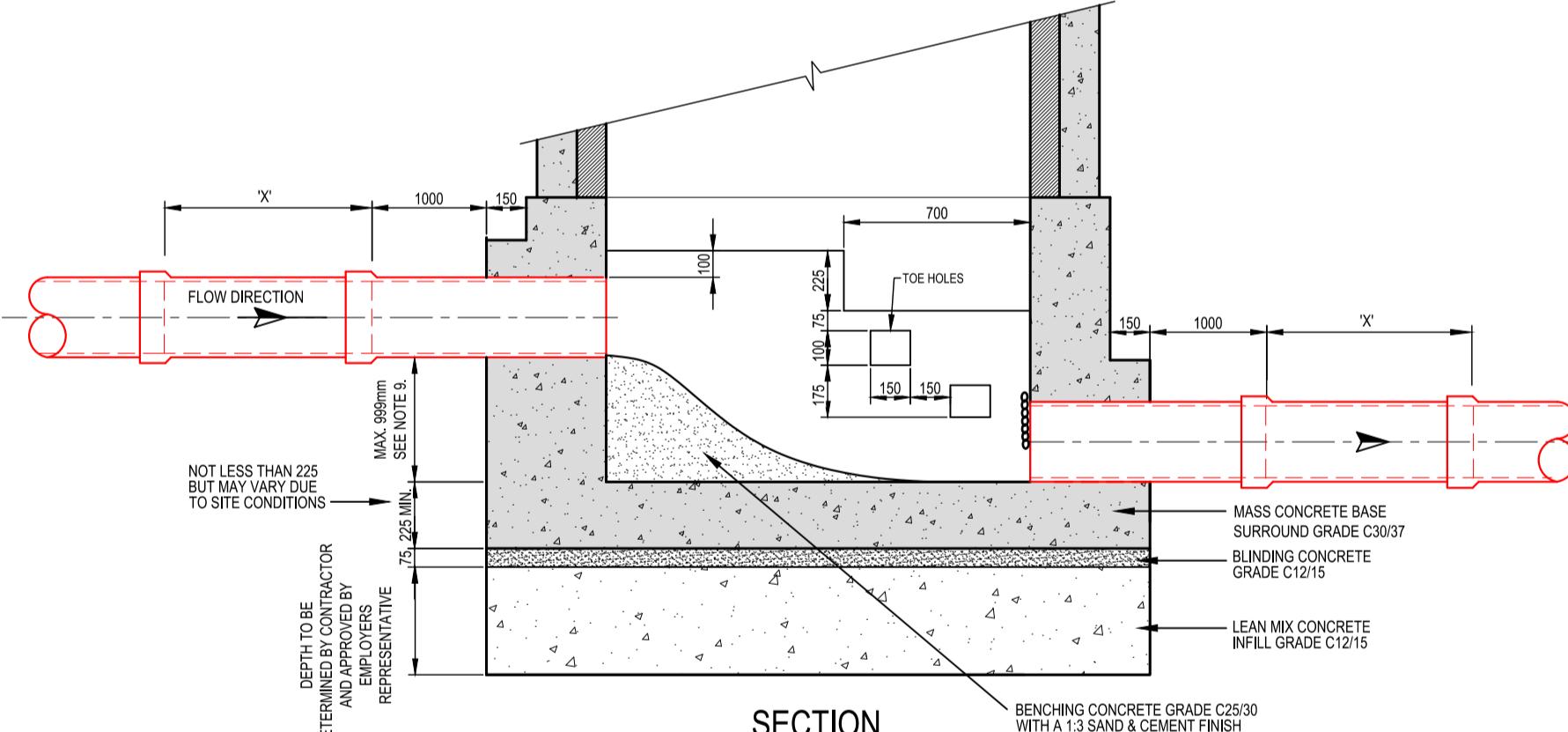


## SECTION

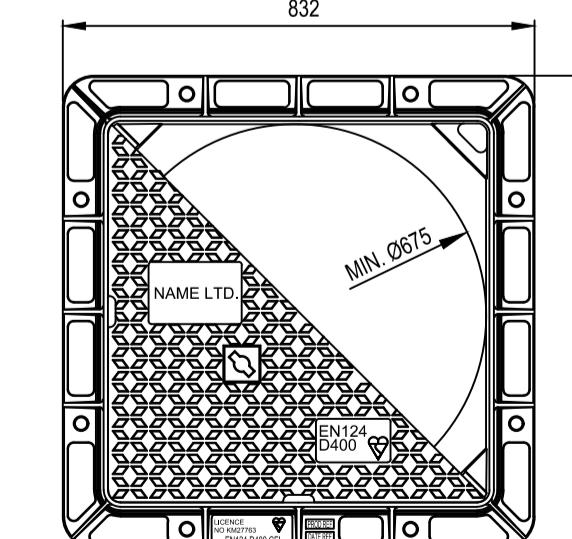
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PIPE Ø	D	H
UP TO 350	1800	LARGER Ø + 350
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## SECTION



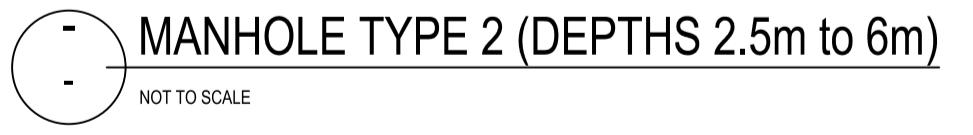
## SECTION



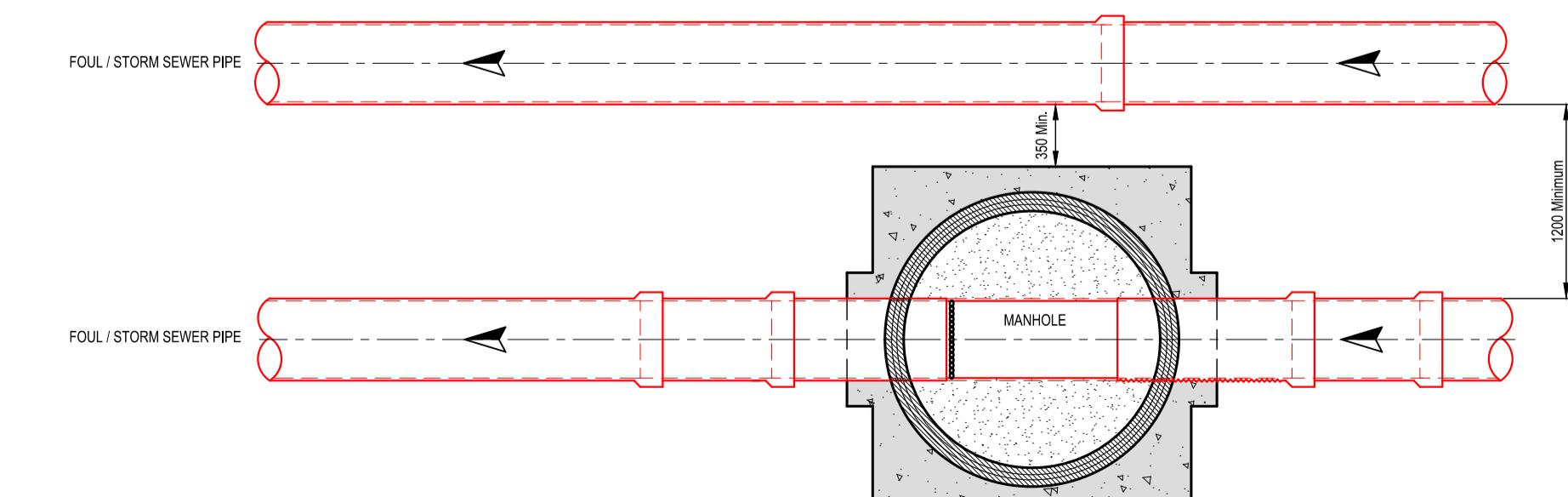
## DUCTILE IRON MANHOLE COVER DETAIL



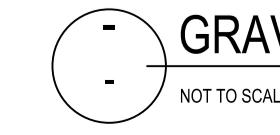
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NOT TO SCALE



## NOTES

ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

PRECAST CHAMBER RINGS WILL BE CONCRETE GRADE C35/45 IN SALINE / TIDAL GROUND CONDITIONS ( $\rho < 20 \text{ ohm.m}$ )

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.

ENTRY AND EXIT PIPES TO BE BUILT IN MONOLITHICALLY WITH THE MANHOLE AND THE MANHOLE MADE WATERTIGHT.

BRANCH BENDS TO BE CURVED IN THE DIRECTION OF FLOW.

PROVIDE RECESSED TOE HOLES IN CHANNELS OVER 450mm IN DEPTH.

FOR 450mm DIA. EXIT PIPES AND OVER, A SAFETY CHAIN IS TO BE PROVIDED.

CONTRACTOR TO DETERMINE AGGREGATE SIZE ON SITE.

USE BACKDROP MANHOLE IF DROP IF GREATER THAN 999mm

MANHOLE COVER AND FRAME TO BE SET AS PER MANUFACTURER'S SPECIFICATION.

PRECAST REINFORCED COVER SLAB CLEAR OPENING SHALL MATCH CLEAR OPENING OF COVER (MINIMUM 675mm x 675mm OR Ø 675mm)

SEALABLE MANHOLES SHALL BE Ø800mm WITH 750mm SQUARE OPES.

WHERE SQUARE MANHOLES ARE TO BE USED D IS TAKEN AS INTERNAL WIDTH

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Comhairle Contae  
Átha Cliath Theas  
**South Dublin County Council**



# RIVER PODDLE

# RIVER PODDLE FLOOD ALLEVIATION SCHEME

# SAINT THERESA'S GARDENS SEALED MANHOLES TYPICAL DETAILS

ES T.S.	DRAWN M. Cheevers	CHECKED B. Twomey	APPROVED B. Dunphy
	DATE	DATE	DATE

	07.11.19	07.11.19	07.11.19
/ING No.		REVISION	