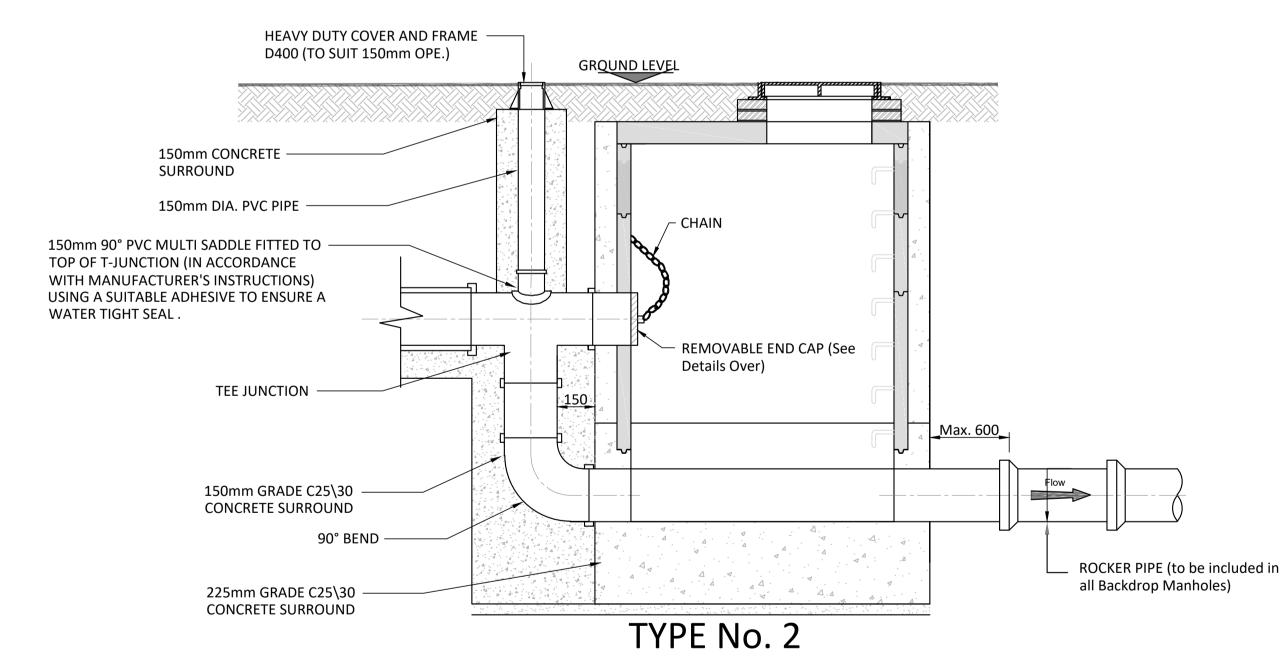


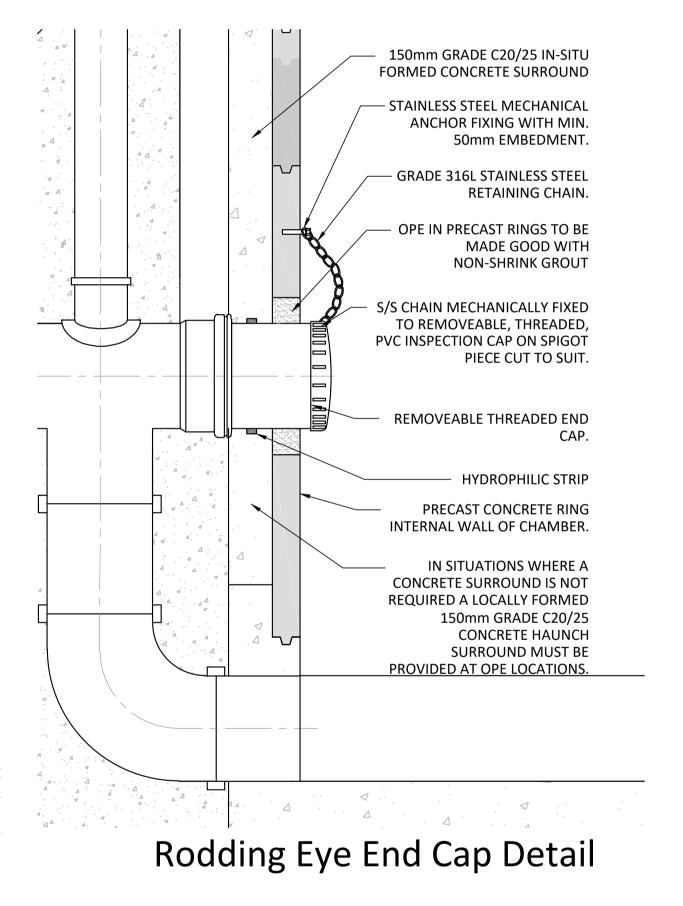
150mm - 450mm DIA. (INCL.) DROP GREATER THAN 1700mm & LESS THAN 2300mm 500mm - 900mm DIA. (INCL.) DROP GREATER THAN 2300mm & LESS THAN 3000mm



150mm - 450mm DIA. (INCL.) DROP GREATER THAN 900 AND LESS THAN 1700mm \*500mm - 900mm DIA. (INCL.) DROP GREATER THAN 1300mm AND LESS THAN 2300mm (SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS.)

## BACKDROP AND CASCADE **MANHOLES NOTES:**

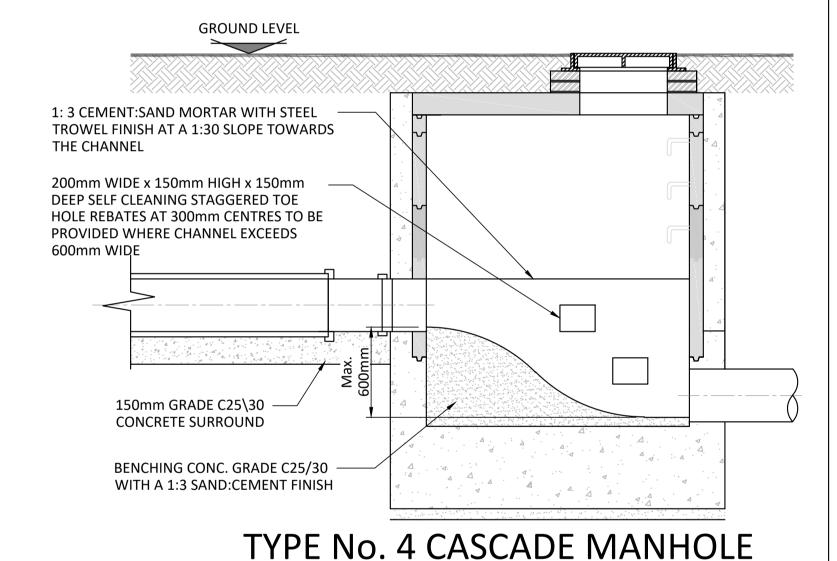
- 1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- 2. RODDING EYE VERTICAL PIPE SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL COVERS TO IS 261 AND BS 5834. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO REVIEW BY IRISH WATER.
- 3. ALL CHAMBERS 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 BY IRISH WATER.
- 4. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
- 5. MANHOLE DETAILS TO BE IN ACCORDANCE WITH STD-WW-09, 10, 10A AND 11
- 6. ALL BACKDROPS SHOULD TERMINATE AT THEIR LOWER END WITH A BEND INTO THE MAIN CHANNEL TO ENSURE THE DISCHARGE IS 45° OR LESS ON PLAN.
- 7. 200mm ALL AROUND x 100mm DEEP, C20/25 CONCRETE PLINTH COMPLETE WITH BULL NOSE FINISH AND TO BE PROVIDED COMPLETE WITH MILD STEEL REINFORCEMENT LINK AROUND COVERS IN GREEN AREAS.



PRECAST CONCRETE MANHOLES SHALL ONLY BE USED WHERE THE WATER TABLE IS LOW. THEY SHALL NOT BE USED WHERE THERE IS A PERCHED WATER TABLE, WHERE THE SEWER IS LOCATED NEXT TO A RIVER, LAKE OR OTHER WATER BODY AND WITHIN AREAS THAT ARE IDENTIFIED BY THE OFFICE OF PUBLIC WORKS CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT (CFRAM) WITH A FLOOD RISK OF 1 IN 10 YEARS.

## **GROUND LEVEL** -CHAIN Y - JUNCTION REMOVABLE END CAP (See Detail Above) 150mm GRADE C25\30 CONCRETE SURROUND 45° BEND 225mm GRADE C25\30 **CONCRETE SURROUND** TYPE No. 3

150mm - 450mm DIA. (INCL.) DROP GREATER THAN 600mm AND LESS THAN 900m \*500mm - 900mm DIA. (INCL.) DROP GREATER THAN 600mm AND LESS THAN 1300mm (SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS.)



150mm - 450mm DIA. (INCL.) DROP LESS THAN 600mm \*500mm - 900mm DIA. (INCL.) DROP LESS THAN 600mm (SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS.)

## PLANNING DRAWING. NOT FOR CONSTRUCTION.

ALL LEVELS GIVEN ARE RELATIVE TO ORDENANCE DATUM. THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

## BACKDROP AND CASCADE MANHOLES

SCALE: 1:15

• FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.

FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER
- RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. • NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT

Rev No	. Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
P01	17/09/22	ISSUED FOR INFROMATION	RM	АН					
P02	19/10/22	STAGE COMPLETE - SUITABLE FOR INFORMATION	RM	SMG					
P03	25/04/22	FOR PLANNING	RM	МКо					









TEL +353 (0)1 8682000

e: contactus@ocsc.ie w: www.ocsc.ie Dublin | London | Belfast | Galway | Cork | Birmingham

Client: ZOLBURY LIMITED Project: BLACKGLEN ROAD WASTE WATER STANDARD DETAILS

SHEET 5 OF 5

Code |Originator| Zone | Level | Type | Role |Number | Status | Revision Z040 · OCSC · XX · XX · DR · C · 0534 S4 P03 Date: 06/09/21Scale: SHWN @ A1 Drn by: RM Chkd by: AH Aprvd by: AH