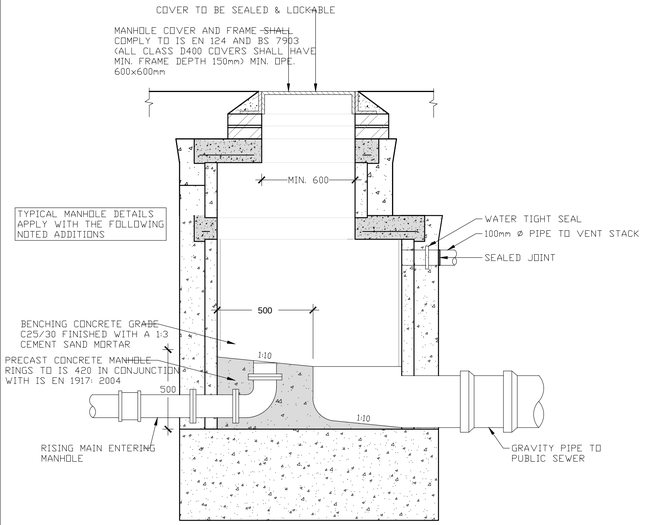
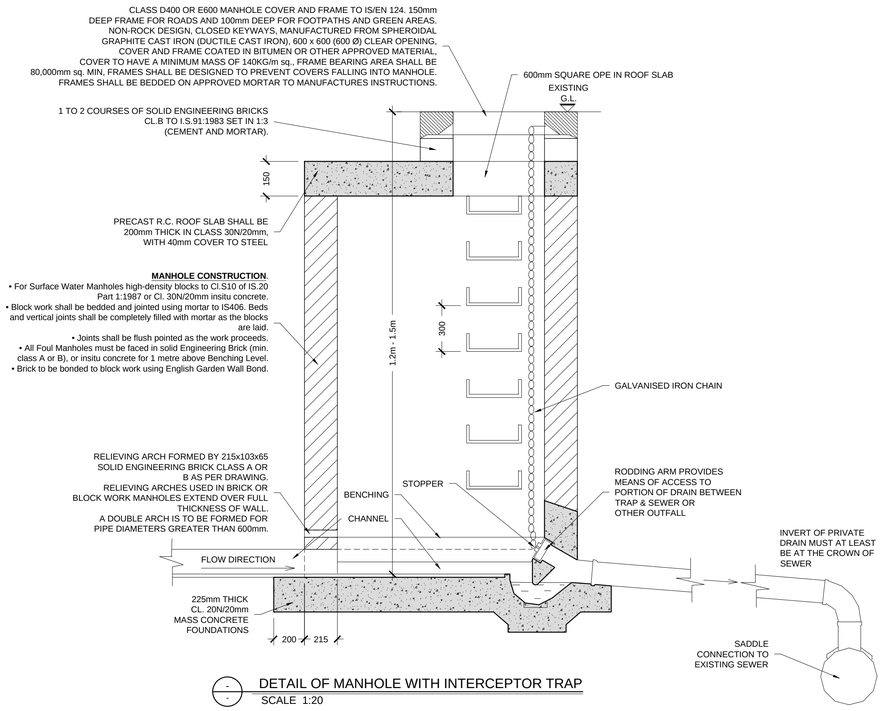
REVISION SCHEDULE

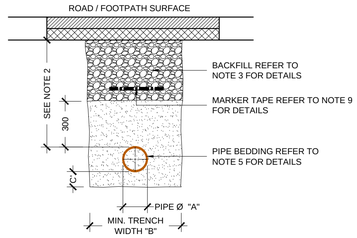
REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
P1	PLANNING ISSUE	08/09/2020	AG	JP



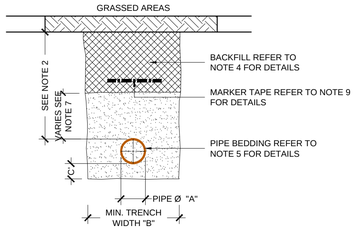
SECTION THRU' RISING MAIN DISCHARGE MANHOLE
SCALE 1:20



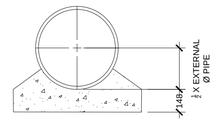
DETAIL OF MANHOLE WITH INTERCEPTOR TRAP
SCALE 1:20



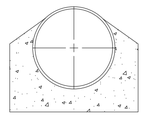
CROSS SECTION IN ROADS
N.T.S



CROSS SECTION IN ROADS
N.T.S



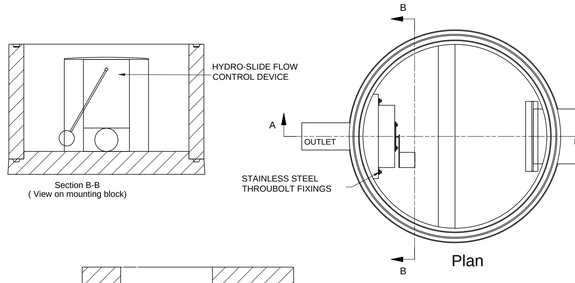
TYPE 'A'
N.T.S.



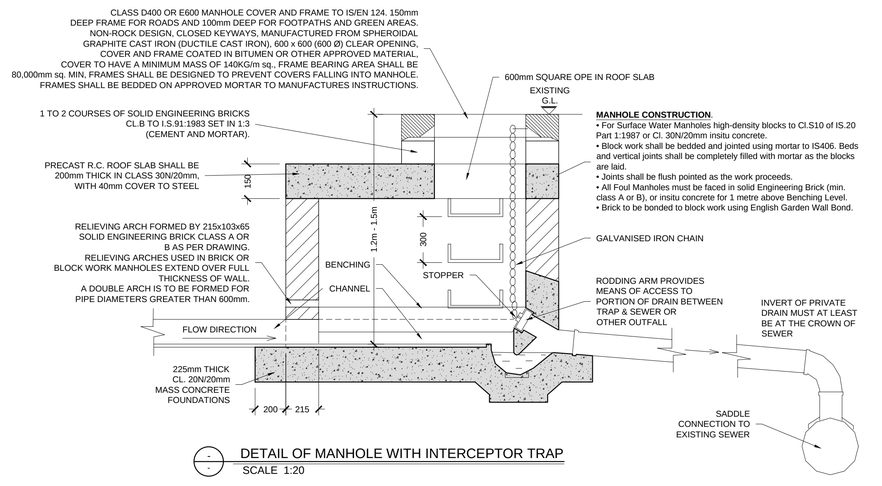
TYPE 'B'
N.T.S.

PIPE DIAMETER 'A' (mm)	TRENCH WIDTH 'B' (mm)
≤ 80 RISING MAIN	SEE NOTE 10
100	500
150	600
200	600
250	750
300	750
350	750
400	900
450	900

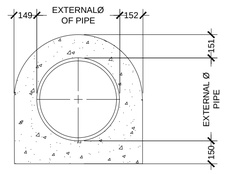
PIPE DIAMETER 'A' (mm)	DEPTH OF BEDDING 'C' (mm)
≤ 100	100
100	200



TYPICAL HYDRO-SLIDE DETAILS FOR FINAL SURFACE WATER MANHOLE
SCALE 1:20



DETAIL OF MANHOLE WITH INTERCEPTOR TRAP
SCALE 1:20



TYPE 'C'
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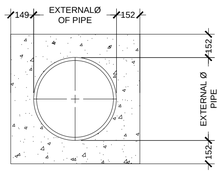
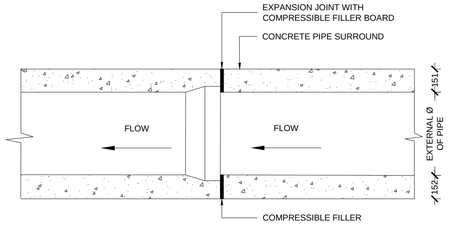


TYPE 'D'
N.T.S.



SPIGOT AND SOCKET JOINT
N.T.S.

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. CONCRETE PIPE BEDS AND HAUNCHES MAY BE REQUIRED TO ADDRESS MINIMUM COVER SITUATIOS, AND SHALL BE SUBJECT TO SUBMISSION AND ASSESMENT BY IRISH WATER BEFORE ADVANCING WITH THE WORKS.
3. CONCRETE PIPE BEDS AND HAUNCHES SHALL HAVE A MINIMUM THICKNESS OF 150mm WITH AN ABSOLUTE MINIMUM DEPTH OF COVER ABOVE THE EXTERNAL CROWN OF THE PIPE OF 750mm.
4. CONCRETE TO BE IN ACCORDANCE WITH IS EN 206 AND TO BE CLASS C16/20.
5. THE HAUNCHES AND SURROUNDS TO BE FORMED USING FORM WORK TO PROVIDE A ROUGH CAST FINISH.
6. EXPANSION JOINTS IN THE CONCRETE SHALL BE PROVIDED AT ALL PIPE JOINTS TO ALLOW FOR PIPE FLEXIBILITY, COMPRESSIBLE FILLER BOARD TO BE IN ACCORDANCE WITH BS EN 622-1 AND BS EN 622-4, AN TO BE 18mm THICK.
7. POLYETHYLENE PIPES SHALL BE WRAPPED IN PLASTIC SHEETING HAVING A COMPOSITION IN ACCORDANCE WITH BS 6076 BEFORE BEING CAST INTO CONCRETE.
8. BITUMINOUS MATERIAL SHALL NOT BE PUT IN CONTACT WITH PE OR PVC PIPES.

Drawing Stage: PLANNING	Project Details:		Notes	Drawn by: BD	Checked by: AG	Approved by: JP	Date: 06/12/2019		
	Site Address:	Europa, Netown Avenue, Blackrock		Project Name: Europa, Blackrock		Scale: AS SHOWN @ A1	Project Number: 1953		
	Client:	Seabren Developments Limited		Drawing Title: TYPICAL DETAILS SHEET 2		Project: -	Originator: CORA	Zone: -	Level: -
	Architect:	Metropolitan Workshop							Type: DR
	M&E Designer:	-							Discipline: C
	Contractor:	-							Drawing No: 011
									Stage: P
									Revision: 01

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