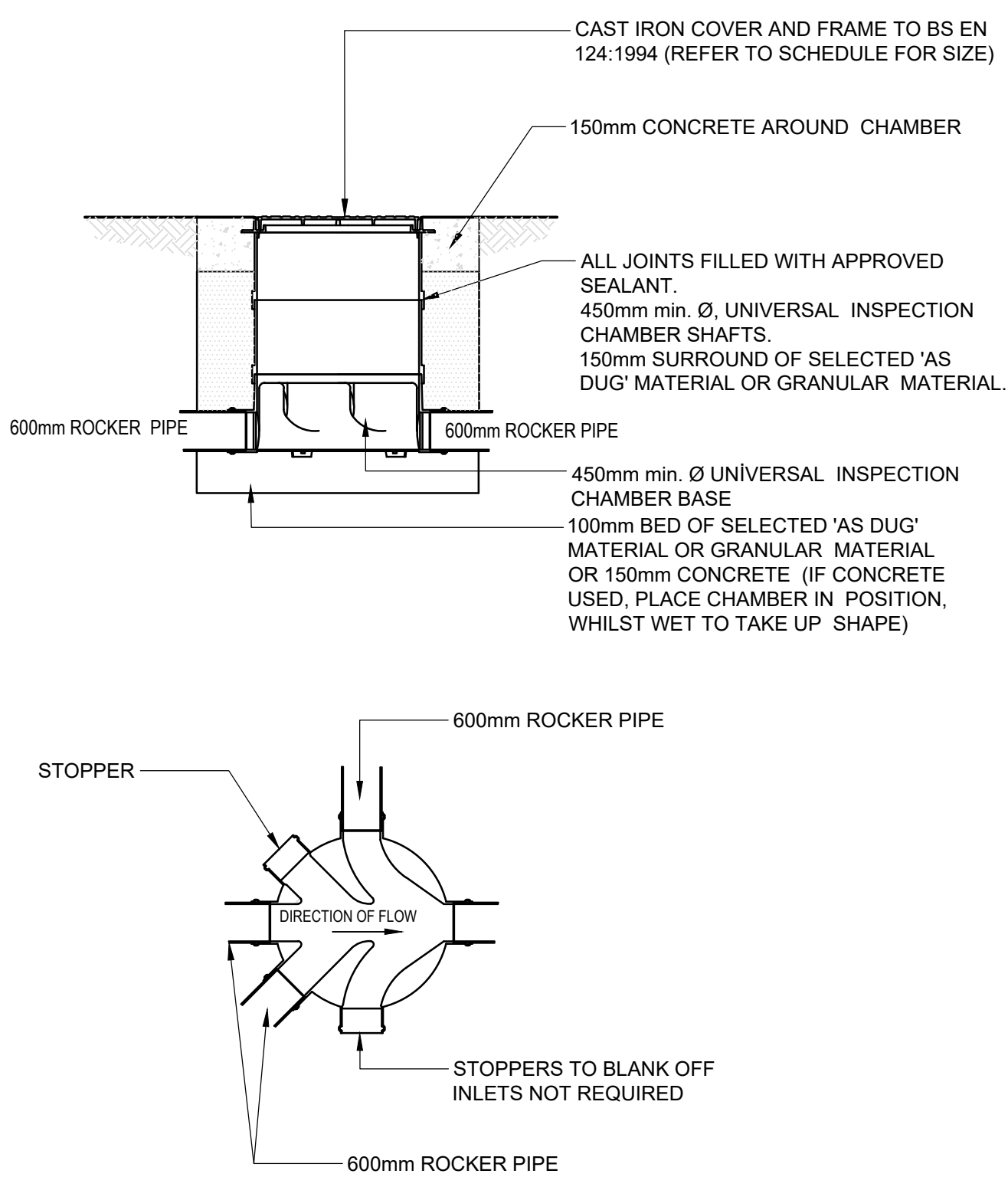
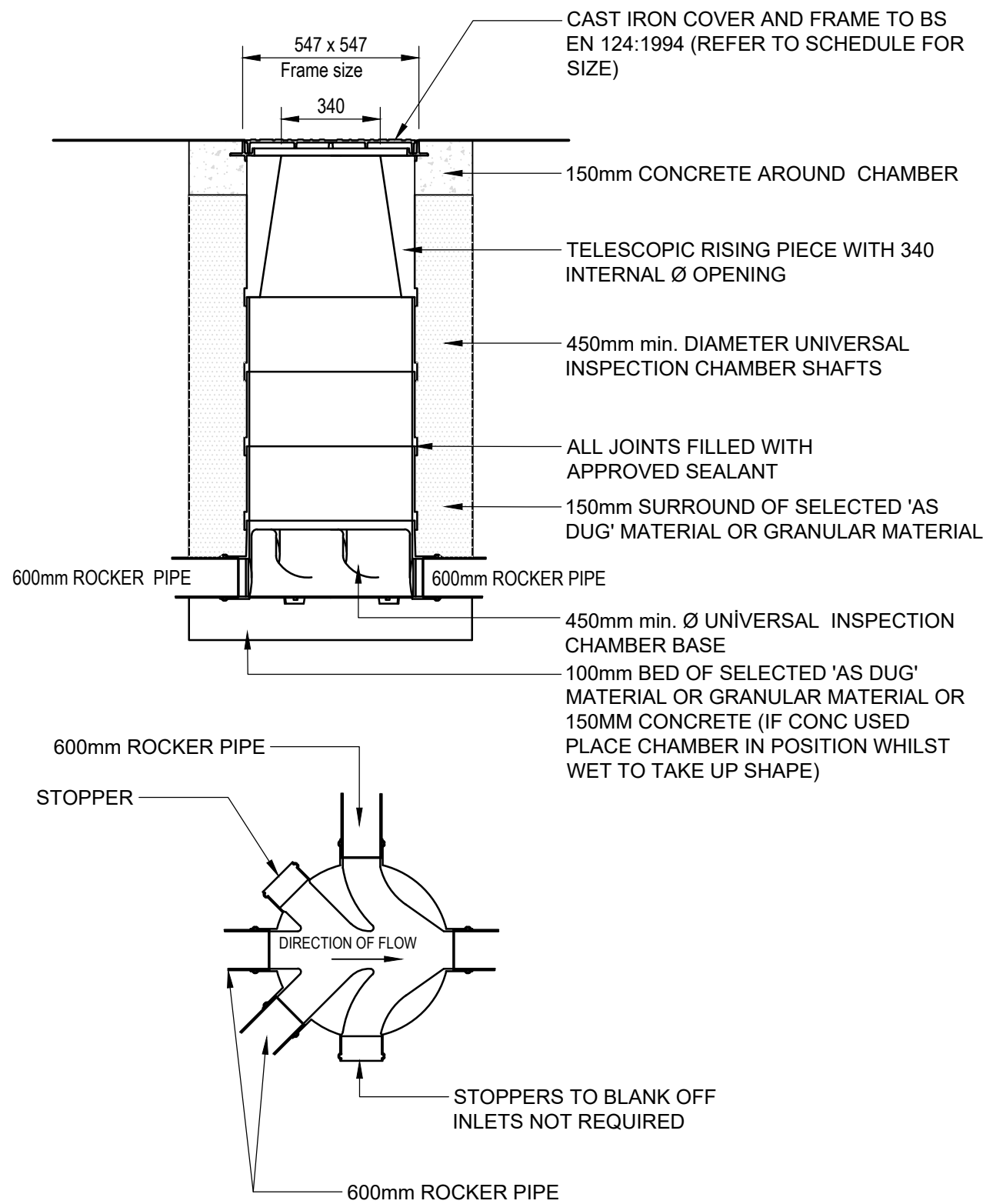
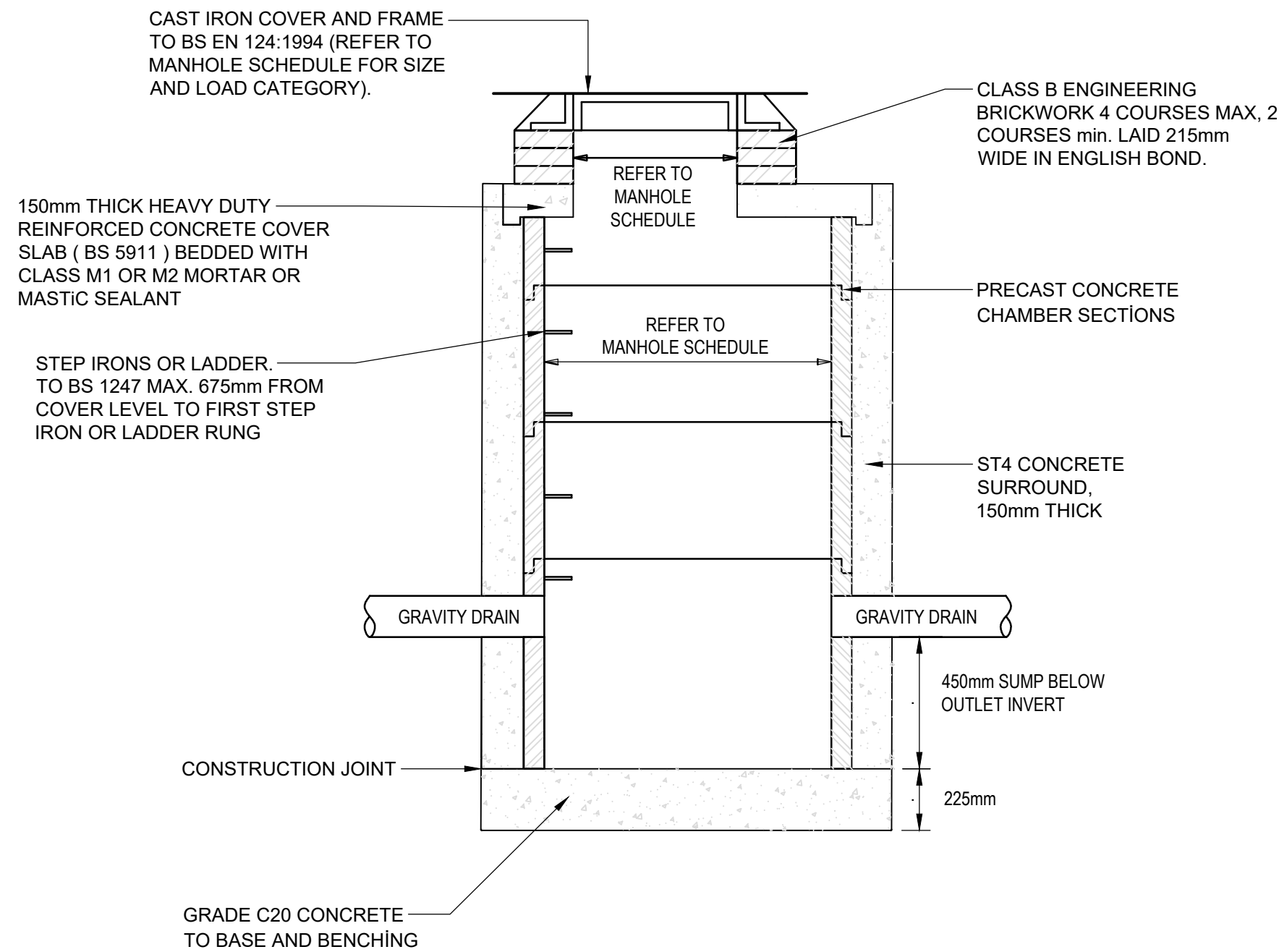




1.2m MAX DEPTH TO INVERT

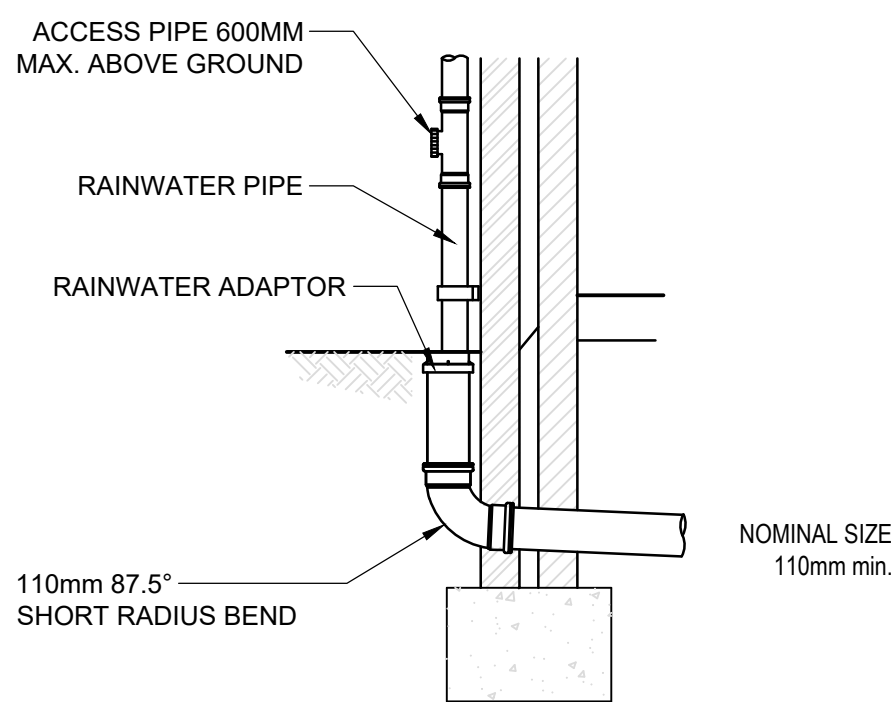


1.2m to 3.0m MAX DEPTH TO INVERT



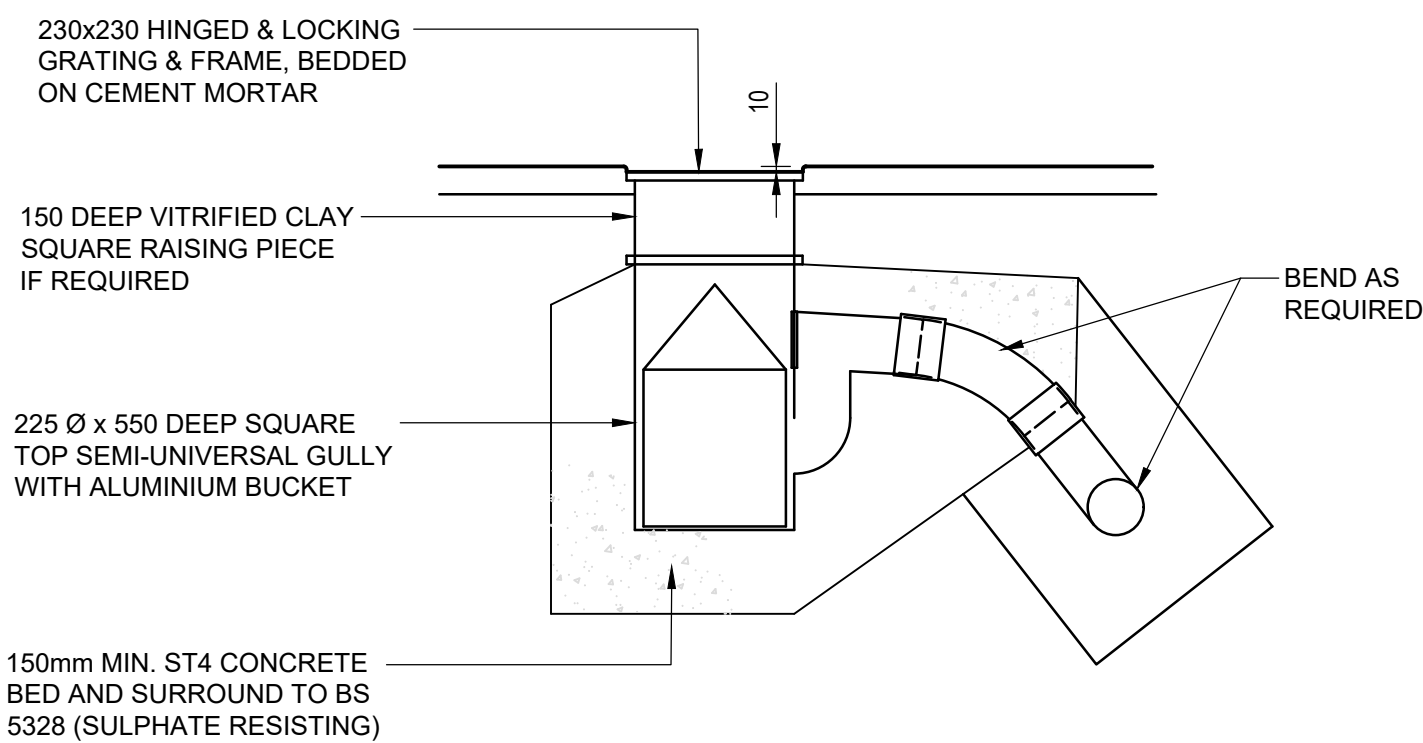
CATCHPIT MANHOLE

(SCALE 1:20)



EXTERNAL RAINWATER PIPE TO DRAIN

(SCALE 1:20)



TYPICAL TRAPPED AND RODDABLE YARD GULLY DETAIL

(SCALE 1:20)

CHAMBER COVER DETAILS		
SURFACE / LOCATION	CLASS (LOADING IN KN)	USAGE
Roads	D400	Frequent Vehicle Usage
Footway & Driveways	B125	Occasional Vehicle Usage
Gradens & Soft Landscaped Areas	A15	Pedestrian Only

DO NOT SCALE OFF THIS DRAWING

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE MANUAL FOR CONTRACT DRAWINGS, VOLUME 1, "SEWERS FOR ADOPTION 7TH EDITION - A DESIGN GUIDE FOR DEVELOPERS AND ALL OTHER RELATED DRAWINGS ISSUED.
2. MANHOLE CHANNEL INVERTS TO HAVE A GRADIENT NOT LESS THAN THAT OF THE OUTGOING PIPE.
3. THE CENTRELINE OF THE MANHOLE IS NOT NECESSARILY COINCIDENTAL WITH THE CENTRELINE OF THE MAIN PIPE.
4. POSITION OF MANHOLE COVER SLAB AND STEP RUNGS TO BE DIRECTED ON SITE.
5. WHERE PIPES OF DIFFERENT DIAMETERS ARE BUILT INTO THE MANHOLE, THEY SHOULD BE LAID TO COMMON SOFFIT UNLESS OTHERWISE STATED.
6. MINIMUM GULLY PIPE GRADIENT TO BE 1:80
7. WHERE A SEWER IS 150mmØ ALL CONNECTIONS AT MANHOLES TO BE MADE USING OBLIQUE (45°) CHANNEL JUNCTIONS WITH CHANNEL/CHANNEL ENLARGER BENDS AS NECESSARY.
8. AT SIGNIFICANT CHANGES IN DIRECTION, THE LARGEST PRACTICAL RADIUS OF CHANNEL JUNCTIONS SHALL BE USED.
9. ALL MORTAR TO BE CLASS 1 UNLESS NOTED OTHERWISE.
10. BRICKS TO BE ENGINEERING CLASS B TO BS EN 771-1, LAID IN ENGLISH BOND ON CLASS (i) MORTAR TO CLAUSE 2404, SPECIFICATION FOR HIGHWAY WORKS. ANY OVER EXCAVATION TO BE MADE GOOD.
11. CONNECTIONS TO CARRIER DRAINS TO BE BY MEANS OF "Y" JUNCTIONS UNLESS OTHERWISE AGREED.
12. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
13. FINISH TO INTERNAL CONCRETE TO BE F1 ON FORMED SURFACES OR U2 ON UNFORMED SURFACES.
14. PERMITTED MATERIAL FOR PIPES ARE SHOWN IN PART E, SEWERS FOR ADOPTION 6th EDITION.
15. ALL CONCRETE AND CONCRETE PRODUCTS TO BE SULPHATE RESISTING.

Revision History

Rev	FOR INFORMATION	AH	BL	DT	27.10.2021
Rev	Comment	By	Chkd	Appr	Date
Current Revision					
P01	FOR INFORMATION	AH	BL	DT	27.10.2021
Rev	Comment	By	Chkd	Appr	Date

PRELIMINARY

SRC RECYCLING



Project
SRC RECYCLING

Drawing Title
DRAINAGE DETAILS
SHEET 2 OF 3

Markides Associates reference: 20293

1:20

20293-MA-XX-XX-DR-C-5001 - P01

