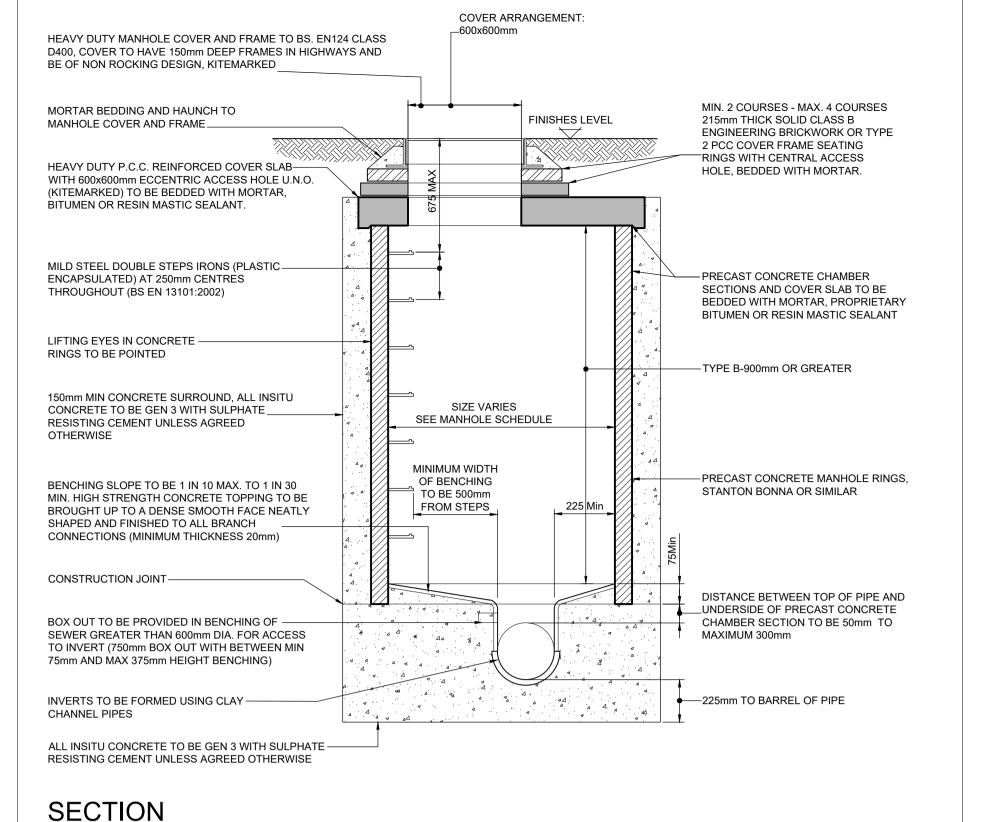
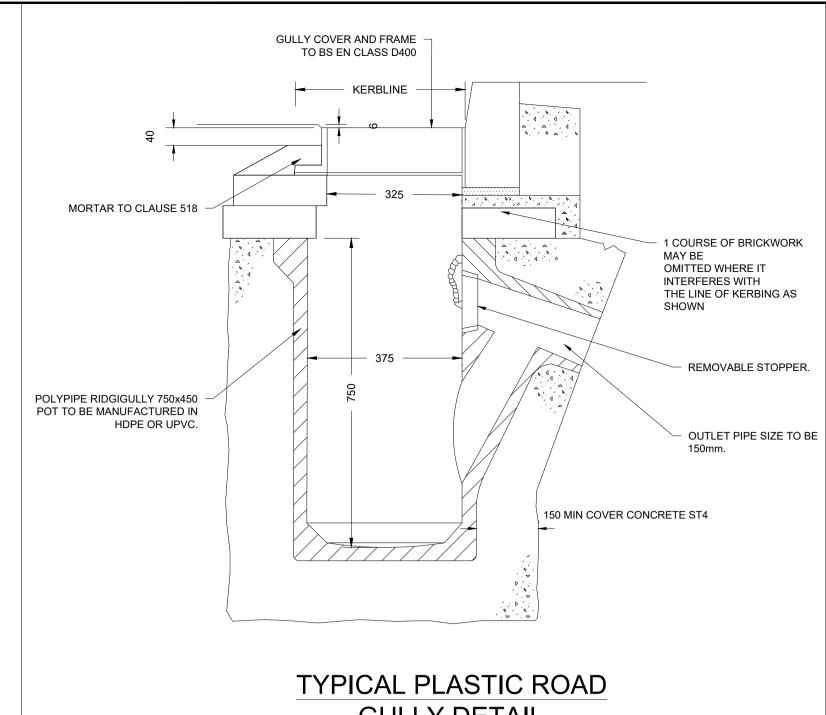


ROCKER PIPE

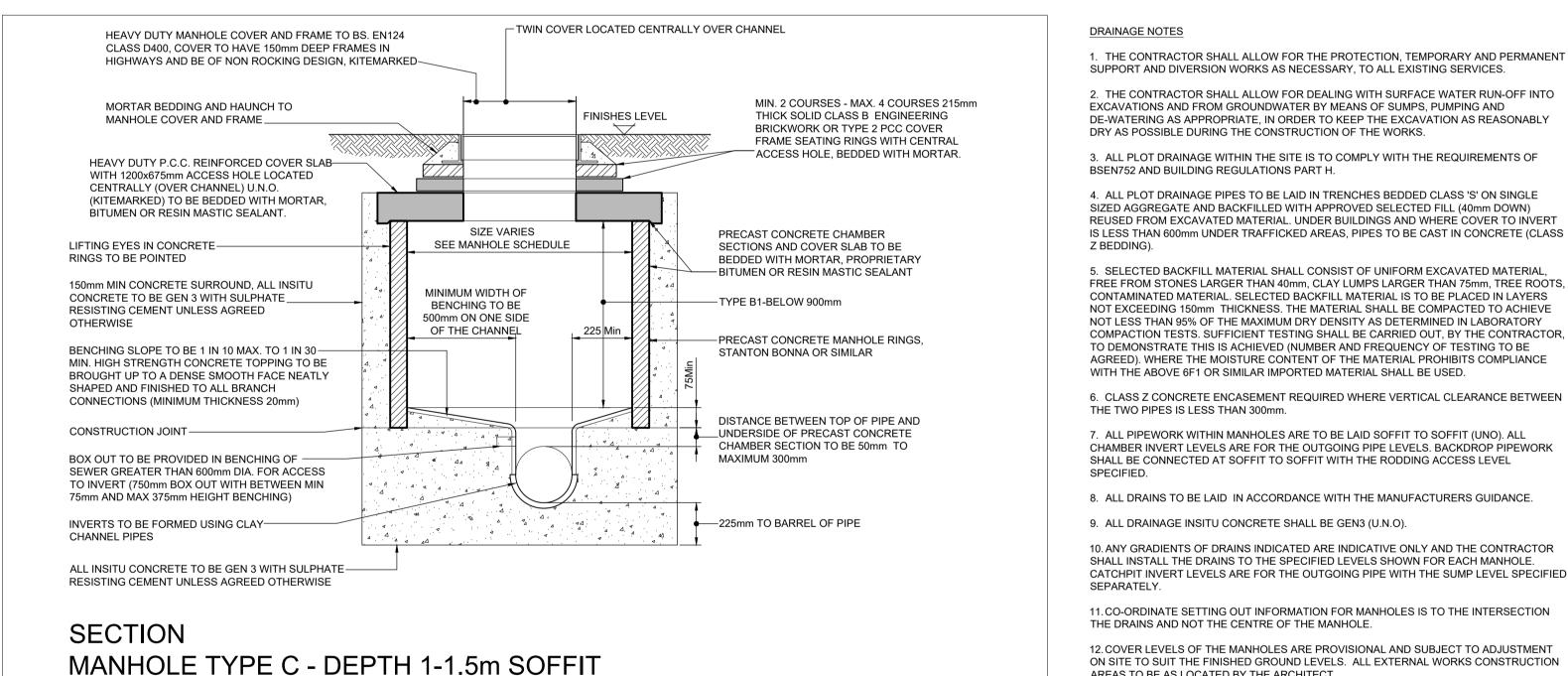




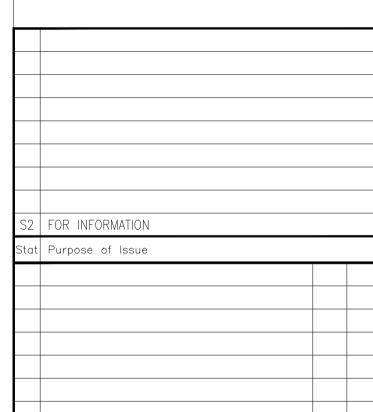
## **GULLY DETAIL**

## **GENERAL NOTES:**

- DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, ENGINEERS, ARCHITECTS & SERVICES DRAWINGS, INCLUDING APPROVED BUILDERS WORK DRAWINGS CONTRACTOR TO NOTIFY ENGINEER OF DISCREPANCIES BETWEEN STRUCTURAL DRAWINGS AND SPECIFICATIONS OR OTHER DRAWINGS
- 2. DO NOT SCALE FROM THIS DRAWING, WORK TO DIMENSIONS OR CO-ORDINATES PROVIDED. ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE NOTED. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS, SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.



MANHOLE TYPE B - DEPTH 1.5-3.0m SOFFIT



9. ALL DRAINAGE INSITU CONCRETE SHALL BE GEN3 (U.N.O).

10. ANY GRADIENTS OF DRAINS INDICATED ARE INDICATIVE ONLY AND THE CONTRACTOR

SUPPORT AND DIVERSION WORKS AS NECESSARY, TO ALL EXISTING SERVICES.

SIZED AGGREGATE AND BACKFILLED WITH APPROVED SELECTED FILL (40mm DOWN)

REUSED FROM EXCAVATED MATERIAL. UNDER BUILDINGS AND WHERE COVER TO INVERT

CONTAMINATED MATERIAL. SELECTED BACKFILL MATERIAL IS TO BE PLACED IN LAYERS

NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED IN LABORATORY

TO DEMONSTRATE THIS IS ACHIEVED (NUMBER AND FREQUENCY OF TESTING TO BE

7. ALL PIPEWORK WITHIN MANHOLES ARE TO BE LAID SOFFIT TO SOFFIT (UNO). ALL

SHALL BE CONNECTED AT SOFFIT TO SOFFIT WITH THE RODDING ACCESS LEVEL

WITH THE ABOVE 6F1 OR SIMILAR IMPORTED MATERIAL SHALL BE USED.

AGREED). WHERE THE MOISTURE CONTENT OF THE MATERIAL PROHIBITS COMPLIANCE

NOT EXCEEDING 150mm THICKNESS. THE MATERIAL SHALL BE COMPACTED TO ACHIEVE

COMPACTION TESTS. SUFFICIENT TESTING SHALL BE CARRIED OUT, BY THE CONTRACTOR

6. CLASS Z CONCRETE ENCASEMENT REQUIRED WHERE VERTICAL CLEARANCE BETWEEN

CHAMBER INVERT LEVELS ARE FOR THE OUTGOING PIPE LEVELS. BACKDROP PIPEWORK

SHALL INSTALL THE DRAINS TO THE SPECIFIED LEVELS SHOWN FOR EACH MANHOLE. CATCHPIT INVERT LEVELS ARE FOR THE OUTGOING PIPE WITH THE SUMP LEVEL SPECIFIED

11. CO-ORDINATE SETTING OUT INFORMATION FOR MANHOLES IS TO THE INTERSECTION THE DRAINS AND NOT THE CENTRE OF THE MANHOLE 12. COVER LEVELS OF THE MANHOLES ARE PROVISIONAL AND SUBJECT TO ADJUSTMENT

ON SITE TO SUIT THE FINISHED GROUND LEVELS. ALL EXTERNAL WORKS CONSTRUCTION AREAS TO BE AS LOCATED BY THE ARCHITECT. 13. GULLY GRATINGS AND STEEL CHANNEL COVERS ARE TO BE IN ACCORDANCE WITH

**BSEN124 AS FOLLOWS:** a) AREAS SUBJECT TO VEHICULAR OVERRUN: CLASS D400 MINIMUM.

b) AREAS NOT SUBJECT TO REGULAR VEHICLE OVERRUN (ADJACENT TO KERBS ETC): c) GULLY GRATES ADJACENT TO KERBS SHALL BE HINGED ON THE SIDE OF THE

TRAFFIC DIRECTION (LEFT HAND SIDE).

14. ALL BRICKWORK IN CONNECTION WITH DRAINAGE IS TO BE SOLID CLASS B **ENGINEERING BRICK TO BS3921.** 

15. ALL PRECAST CONCRETE PIPES, CHAMBER PRODUCTS AND ROAD GULLIES SHALL BE TO BS5911 AND BE KITEMARKED.

16. ALL DRAINAGE INSITU CONCRETE SHALL BE GEN3.

DRAINAGE NOTES

BSEN752 AND BUILDING REGULATIONS PART H.

THE TWO PIPES IS LESS THAN 300mm.

17. ALL INSITU AND CONCRETE PRODUCTS SHALL COMPLY WITH THE REQUIREMENTS FOR SULPHATE EXPOSURE IN ACCORDANCE WITH BRE SPECIAL DIGEST 1, CONCRETE IN AGGRESSIVE GROUND (2001) PART 1: TABLE 2.

JETTING, REMOVING ALL DEBRIS FROM SITE. NO DEBRIS SHALL BE PERMITTED TO ENTER THE EXISTING DRAINAGE SYSTEM. 19. CONSTRUCTION JOINTS IN CONCRETE SURROUND MUST NOT BE WITHIN 150MM OF

18. UPON COMPLETION OF THE WORKS THE CONTRACTOR SHALL CLEAN ALL DRAINAGE BY

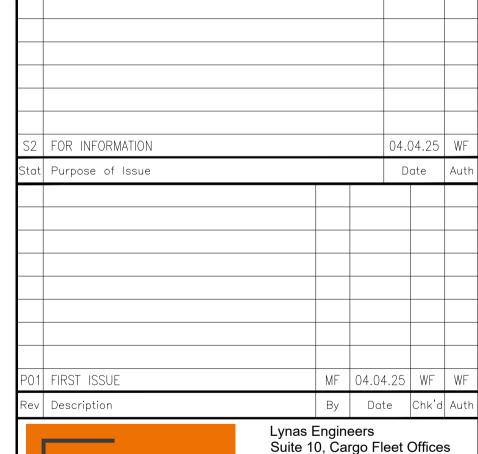
CHAMBER/SHAFT RING JOINTS. ROCKER PIPES TO BE SURROUNDED WITH CONCRETE LOCATED 150mm MINIMUM 200mm MAXIMUM FROM THE FIRST FLEXIBLE JOINT TO THE MANHOLE WALL.

20.SOFT SPOTS IN THE TRENCH FORMATION SHALL BE REMOVED AND REPLACED WITH GRANULAR BEDDING UNLESS INSTRUCTED OTHERWISE. 21.LATERAL CONNECTIONS IN BETWEEN MANHOLE RUNS SHALL BE FORMED BY USING

PURPOSE MADE JUNCTION FITTINGS. BEND FITTINGS SHALL BE PROVIDED WHERE APPROPRIATE TO DIRECT THE FLOW INTO MAIN RUNS. 22.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LIAISE WITH BUILDING CONTROL FOR APPROVALS, INTERIM INSPECTION, SNAGGING AND FINAL INSPECTIONS OF THEIR

23.AT THE CONCLUSION OF THE WORKS THE CONTRACTOR SHALL PROVIDE A MARKED UP DRAWING TO RECORD ANY AS BUILT VARIATIONS.

24.ALL ROOF RWDP TO BE 100Ø. ALL OTHER PLOT SURFACE WATER DRAINAGE TO BE 150Ø UNLESS STATED OTHERWISE. ALL PLOT FOUL WATER PIPES TO BE 100Ø UNLESS STATED OTHERWISE.





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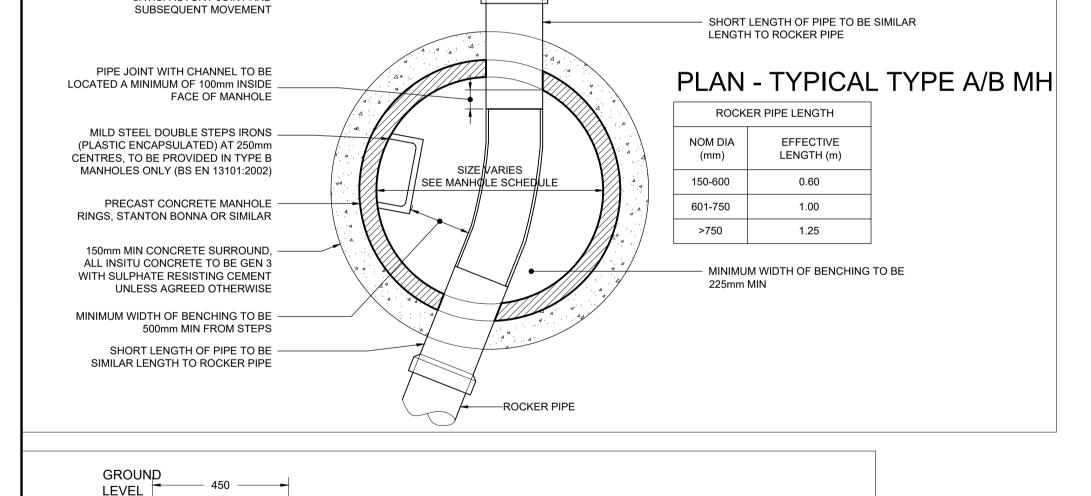
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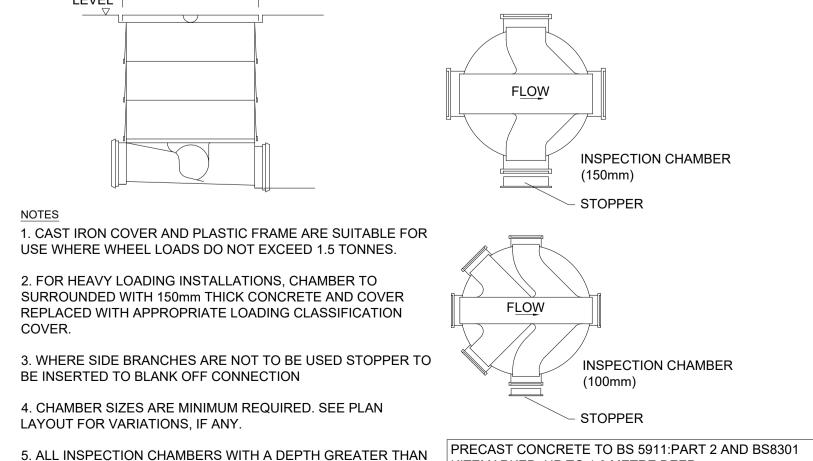
MANDALE HOMES

UPPER HOYLAND, BARNSLEY

PROPOSED DRAINAGE DETAILS SHEET 2

	Sheet Size	Original Scale	Designed/Drawn	Checked	Author	rised
	<b>A1</b>	AS SHOWN	MF	WF	MF	
			Date <b>04.04.25</b>	Date <b>04.04.25</b>	Date	04.04.25
	Status	Drawing Number				Rev
	S2	24047-LE-00-ZZ-DR-C-0104				P01





1.2m TO HAVE A 350mm DIAMETER REDUCING PLATE LOCATED

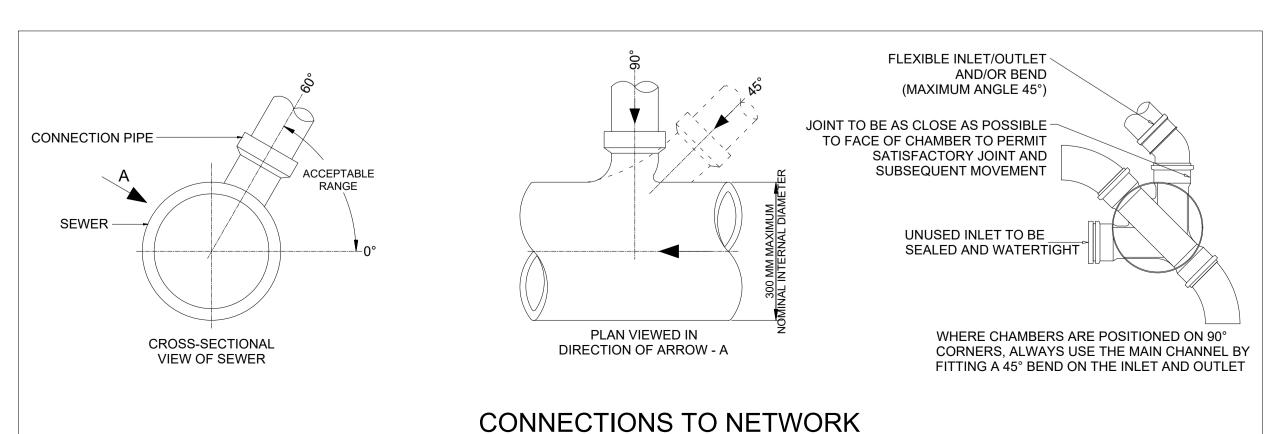
POLY-PROPOLENE INSPECTION CHAMBER (PPIC)

BENEATH COVER AND FRAME TO PREVENT ACCESS.

JOINT TO BE AS CLOSE AS POSSIBLE

TO FACE OF MANHOLE TO PERMIT

SATISFACTORY JOINT AND



L:\12-24-Proiects\24047-Mandale-Upper Hovland. Barnslev\04 Proiect Deliverv\02 Drawinas\DR 2D Drawina\24047-LE-00-ZZ-DR-C-0104 - Proposed Drainaae Details Sh2.dwa

KITEMARKED, UP TO 1.0 METRE DEEP

POLYPROPYLENE INSPECTION CHAMBERS TO BS 7158,

BS EN 124 KITEMARKED, MIN. 450mm DIAMETER UPTO 2.0m DEEP BY HEPWORTH OR SIMILAR APPROVED