

RIGID MATERIAL WITH CONCRETE SURROUND
MAXIMUM DEPTH FROM COVER TO SOFFIT OF PIPE - 1.5m to 3.0m

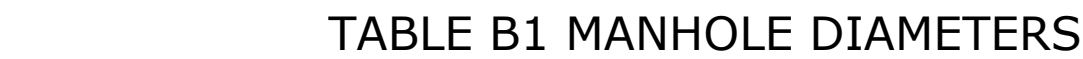


TABLE B13 (ROCKER PIPE LENGTH)

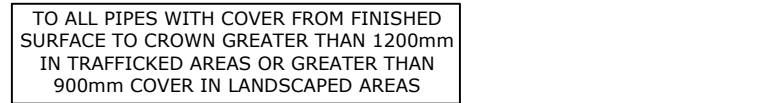
COVER TYPES

ALL COVERS AND FRAMES TO BE DUCTILE IRON TO BS EN 124

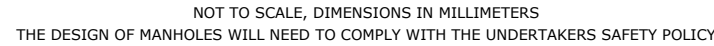
(BEDDING FACTOR 4.5)



(BEDDING FACTOR 2.2)



RIGID MATERIAL CONSTRUCTION
 MAXIMUM DEPTH FROM COVER TO SOFFIT OF PIPE 1.5m
 MAXIMUM SEWER DIAMETER 450mm



Technical drawing of a Type B - with concrete surround, showing a side view and a cross-section view.

Side View Dimensions:

- 375mm KERF
- 185mm
- 125mm

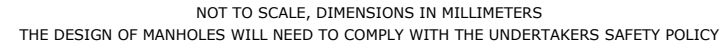
Cross-section View Dimensions:

- 450mm
- 2000 filtration strip
- 35mm KERF

Labels:

- Type B - with concrete surround
- EF
- A-A

RIGID MATERIAL CONSTRUCTION-NON-ENTRY
MAXIMUM SEWER DIAMETER 600mm



Type B - WITH CONCRETE SURROUND



S38/104 ADOPTION REQUIREMENTS

1. DO NOT SCALE FROM THIS DRAWING. WHILST THE DRAWING HAS BEEN PRODUCED DIMENSIONALLY, THE ACCURACY DURING REPRODUCTION CANNOT BE GUARANTEED;

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND DOCUMENTS PRODUCED BY OTHERS, INCLUDING ENGINEERS, ARCHITECTS AND SPECIALIST DESIGNS. FOR THE PURPOSES OF THIS DRAWING, THE FOLLOWING HAVE BEEN REFERENCED;

TOPOGRAPHICAL SURVEY: ASHWOOD HOLBEACH
040718 BY AXIS SURVEYS LTD, DATED 10.7.2018
ARCHITECTS LAYOUT: 127-SL-01D BY ASHWOOD
HOMES LTD, DATED 17.09.2021;

LIN CONSULTING ACCEPT NO RESPONSIBILITY FOR THE INACCURACIES OF INFORMATION THAT IS PROVIDED BY THIRD PARTY;

3. ALL DIMENSIONS SPECIFIED ARE IN (MILLI)METERS AND ALL LEVELS ARE IN METERS (RELATING TO METER ABOVE ORDNANCE DATUM WHERE AVAILABLE);

4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY;

5. THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE LINCOLNSHIRE COUNTY COUNCIL DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION;

6. THE CONTRACTOR SHALL CHECK ALL TIE-INS FOR LINE AND LEVEL PRIOR TO COMMENCEMENT OF WORKS. SHOULD ANY DISCREPANCIES BE FOUND THEN THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY;

7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE EXISTING UTILITY APPARATUS. THE CLIENT WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGES CAUSED THROUGH CONSTRUCTION;

8. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE CARRIED OUT TO THE SATISFACTION OF THE ADOPTING ENGINEER AND IS DEEMED TO HAVE INCLUDED WITHIN THEIR RATES FOR NECESSARY TESTING;

9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERTAKE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE HEALTH & SAFETY AT WORK 1974 AND THE CDM REGULATIONS 2015, AND WILL BE DEEMED TO HAVE INCLUDED WITHIN THEIR RATES;

10. THE CONTRACTOR IS TO COMPLY IN ALL RESPECTS WITH CURRENT BRITISH STANDARDS, BUILDING LEGISLATION WHETHER OR NOT IT IS STATED UPON THIS DRAWING;

11. EXISTING FOUL & SURFACE WATER MANHOLE COVERS TO BE RAISED TO SUIT THE PROPOSED ROAD ALIGNMENT LEVELS AS INDICATED;

12. ANY CONSTRUCTION UNDERTAKEN PRIOR TO THE RELEVANT TECHNICAL APPROVALS HAVE BEEN OBTAINED, IS UNDERTAKEN AT RISK TO THE CLIENT/DEVELOPER/CONTRACTOR;

13. ALL MATERIALS WITHIN 450mm OF FINISHED ROAD LEVELS ARE TO BE NON - FROST SUSCEPTIBLE;

14. PSV, AGG SIZES, AGG ABRASION VALUES AND PENETRATION VALUES OF ALL SURFACE COURSES MATERIALS TO BE CHECKED WITH HIGHWAY AUTHORITY PRIOR TO LAYING AND MUST COMPLY WITH THE RELEVANT BRITISH STANDRAD FOR LAYING AND WORKMANSHIP;

15. CBR TESTS TO BE CONDUCTED IN ACCORDANCE WITH LCC REQUIREMENTS. FINAL SUB-BASE AND CAPPING REQUIREMENTS TO BE AGREED WITH ENGINEER PRIOR TO COMMENCEMENT OF WORKS. ALL SOFT SPOTS TO BE RECORDED AND REPLACED WITH SUITABLE GRANULAR MATERIAL - ADOPTING ENGINEER TO CONFIRM;

16. WITHIN THE CATCHMENT OF TRADITIONAL DRAINAGE DESIGN, THE MINIMUM LONGITUDINAL FALL FOR HIGHWAYS, WITHOUT CHANNEL BLOCKS SHALL BE 1 IN 150, AND WITH CHANNEL BLOCKS 1 IN 250;

17. GENERAL DETERIORATION OF THE EXISTING HIGHWAY/FOOTWAY/VERGES CREATED THROUGH CONSTRUCTION OF THE NEW SECTION 38 DEVELOPMENT WILL BE REINSTATE TO THE DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION AT THE DEVELOPERS' OWN COST AT THE AGREEMENT OF THE INSPECTING DEVELOPMENT MANAGEMENT OFFICER;

18. NO PRIVATE SURFACE WATER SHALL DISCHARGE
ONTO THE ADOPTABLE HIGHWAY;

19. NO PRIVATE STRUCTURAL FEATURES SHALL OVERHANG THE ADOPTABLE HIGHWAY;

20. NO PRIVATE RETAINING WALLS EXCEEDING 1.37 METRES SHALL BE WITHIN 3.66 METRES OF THE HIGHWAY BOUNDARY;

21. ALL ADOPTABLE DRAINAGE WORKS TO BE IN ACCORDNACE WITH DCG MARCH 2020;

Status of Drawing: **FOR COMMENT**

Client



FEN ROAD, PHASE 2
HOLBEACH

Drawing Title

MANHOLE CONSTRUCTION
DETAILS SHEET 1

Drawn ZJ	Check'd SON	Approved SON	Scales NTS	Drawing No. ASH/FEN2/105	Rev C
Date OCT 2021					