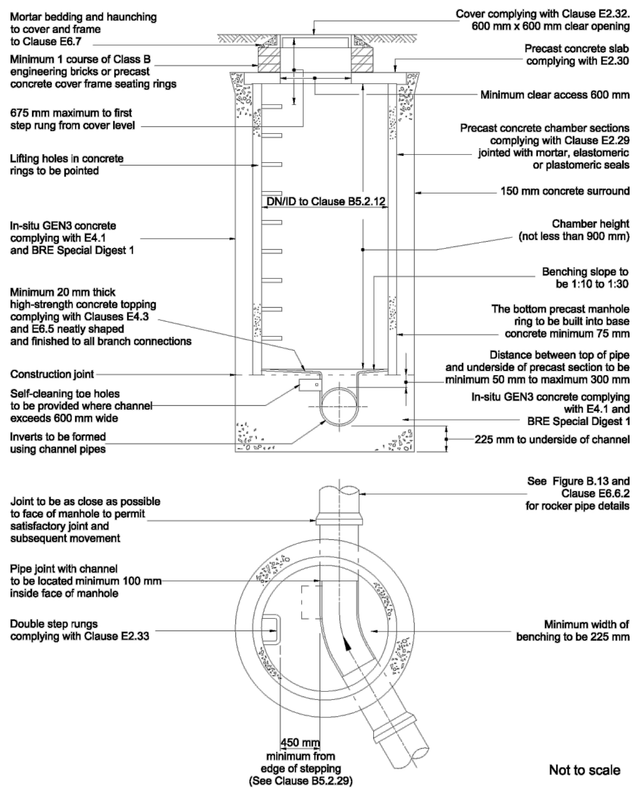
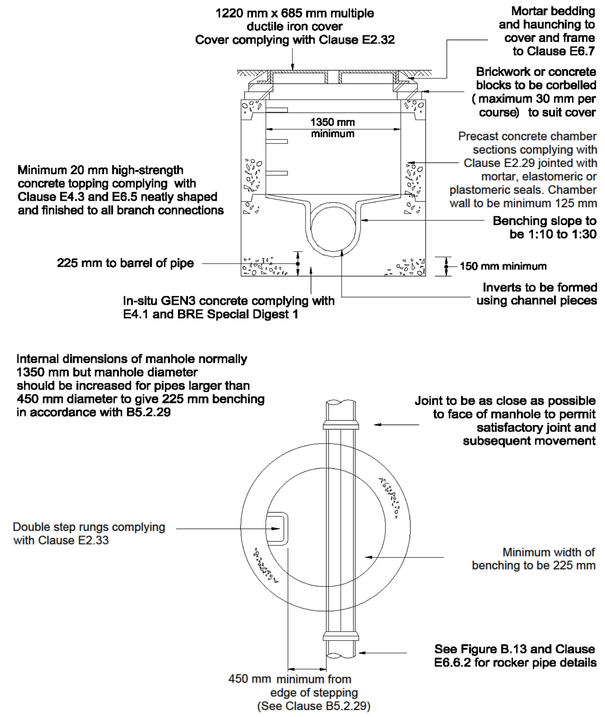
Figure B 10
Typical manhole detail – Type B
Depth from cover level to soffit of pipe 1.5 m to 3 m
Alternative rigid material construction with concrete surround



Not to scale

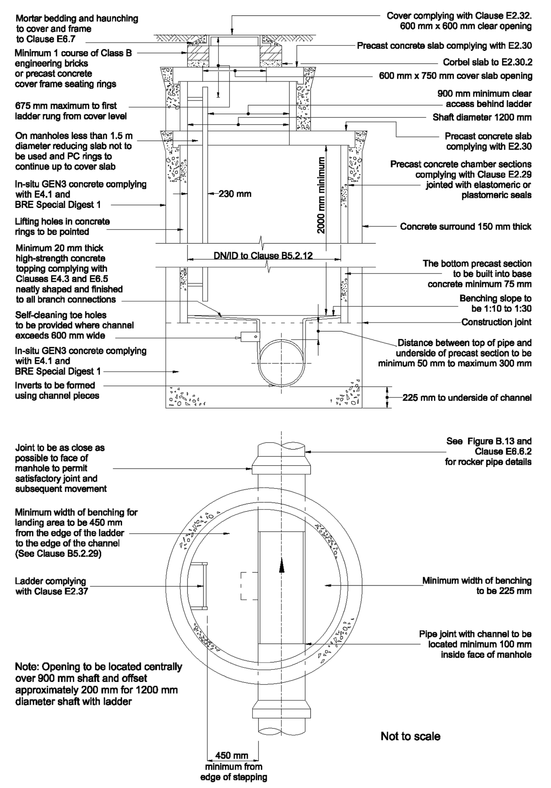
Figure B 15
Typical manhole detail – Type C
Depth from cover level to soffit of pipe less than 1.5 m
Maximum pipe size 450 mm diameter
Rigid material construction



Note: The use of precast concrete chamber units to E2.29 with 150 mm GEN3 in-situ concrete complying with E4.1 and BRE Special Digest 1 in place of brickwork construction is permitted.

Not to scale

Figure B 5
Typical manhole detail – Type A1
Depth from cover level to soffit of pipe 3 m to 6 m with ladder and reducing slab
Rigid material construction with concrete surround

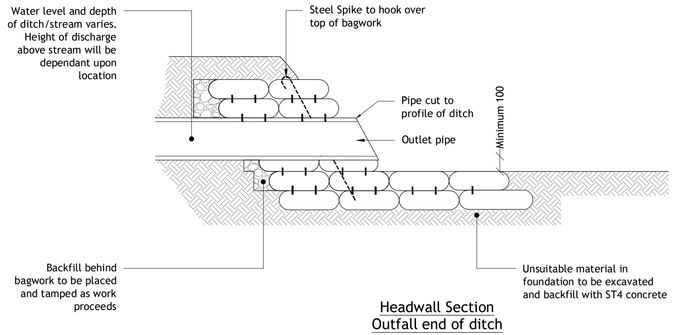


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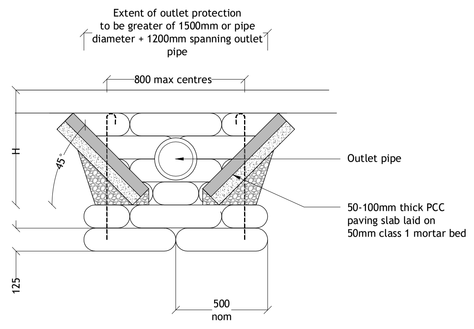
NOTES

1. Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding.
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2. Reproduced from OS Sitemap ® by permission of Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright 2008. All rights reserved. Licence number 100007126.
3. Until technical approval has been obtained from the relevant authorities, all drawings are issued as preliminary and not for construction. Should the Contractor commence site work prior to the approval being given it is entirely at their own risk.
4. Woods Hardwick cannot accept any discrepancies in terms of coordinates or any other information deciphered from .dwg files.
5. The exact location and level of all existing sewers, drains and services are to be confirmed on site prior to the commencement of any works.
6. Drainage to be designed in accordance with the Sewerage Sector Guidance, Design and Construction Guidance ("the Code") Approved Version 2.3, 11 November 2023.
7. All adoptable sewer works and materials to be in accordance with "Design and Construction Guidance", Code for Adoption, the relevant British/European standards.
8. Sewers to be laid in Class S bedding (150mm granular bed and surround). Where depth of cover to top of the sewer is less than 1.2m in highway and verges (or less than 0.9m in none vehicular access areas) then a concrete slab should be provided above the granular bed and surround or the pipe encased in concrete.
9. Plastic channel sections in manholes are not acceptable and clay ware is to be used if required.
10. The undertaker is not obliged to accept filter drain/land drainage runoff into the adoptable sewer network.

Headwall details in accordance with West Sussex County Council's standard detail 'S278/38/23 REV A'



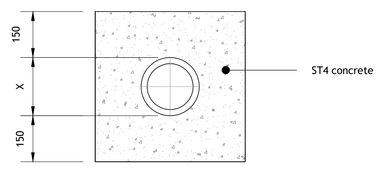
Headwall Section
Outfall end of ditch
Scale 1:20



Headwall Elevation
Outfall To End of Ditch
Scale 1:20

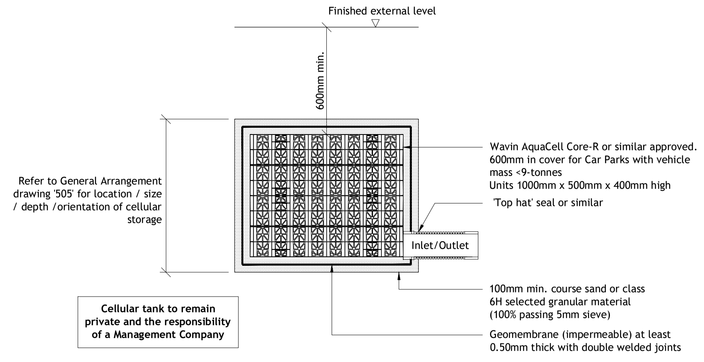
NOTES

1. Bags shall be of Hessian or Canvas and shall be of a size to provide a wall thickness of 500mm.
2. Concrete bagwork shall be to Clause 519 and three quarter filled with 25mm slump ST4 concrete immediately prior to placing with the ends sewn.
3. The bags shall be placed in a modified Flemish bond so as to 'break joint' with the mouths away from the surface and be tamped into position to form a rectangular block.
4. Extent of outlet protection to be the greater of 1500mm or pipe diameter + 1200mm spanning the outlet pipe.
5. Headwall design may need to be adjusted to on site conditions following approval from WSCC Inspector.
6. For vehicular crossings of ditches pipes shall be min 450mm diam and be set to invert of ditch. Ditch to be regraded to achieve satisfactory falls.
7. For H>600 appropriate vehicular or pedestrian containment shall be installed.
8. The nearest edge of any carriageway shall be set back at least H from the base of the ditch.
9. All exposed pipework to be certified UV stable.

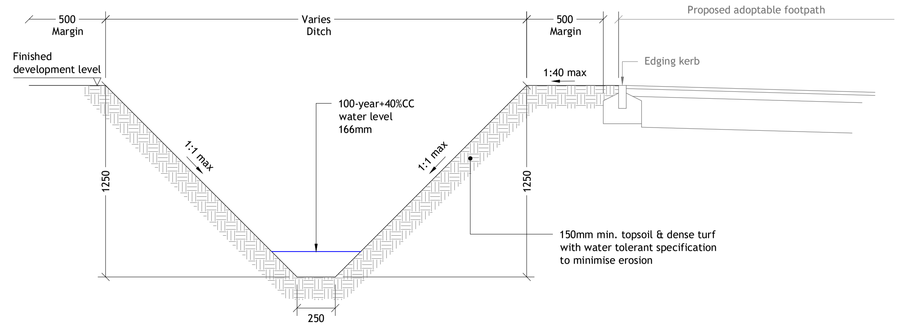


Class Z Bedding Detail (Figure B 28)
Scale 1:10

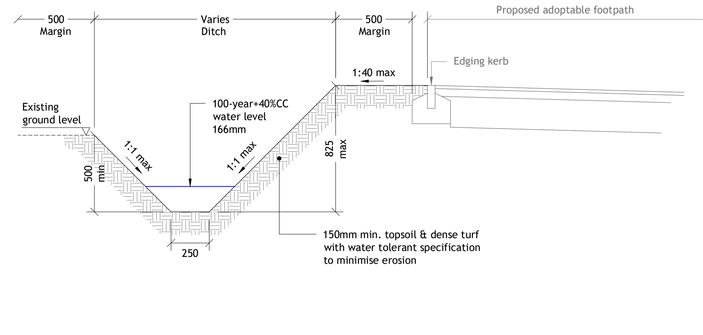
Notes:
1. Dimension x is external diameter of the pipe



Typical Private Cellular Storage Tank
(offline)
Scale 1:20



Proposed Ditch
(at headwall HW1)
Scale 1:20



Proposed Ditch
(at tie in with existing ditch)
Scale 1:20

REV	DESCRIPTION	DRN	CHD	DATE

☒ PRELIMINARY ☐ INFORMATION ☐ TENDER
☐ CONSTRUCTION ☐ AS BUILT

SCALE	AS SHOWN @ A0	DATE	FEBUARY 2026
DRAWN	LC	CHK	PK
DRAWING NO.	19711-RFSH-5-915	REV	-

TITLE: DEERWOOD FARM SOUTHWATER

DETAILS: SECTION 104 AGREEMENT CONSTRUCTION DETAILS

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