

DRAINAGE STRATEGY KEY

- S104 ADOPTABLE FOUL WATER PIPE-RUN DIAMETER/GRADIENT — 150Ø 1/150 1.000
- S104 ADOPTABLE FOUL MANHOLE
- S104 ADOPTABLE FOUL RISING MAIN
- S104 ADOPTABLE STORM WATER PIPE-RUN DIAMETER/GRADIENT — 450Ø 1/400 1.000
- S104 ADOPTABLE STORM WATER MANHOLE
- ADOPTABLE HEADWALL
- 1.5M MAINTENANCE STRIP — 1.5m
- ADOPTABLE ROAD GULLY
- ATTENUATION BASIN — GREEN: REGRADE; BLUE: EARTHWORKS
- POROUS PAVING
- CELLULAR STORAGE TANK
- UNDERDRAINED SWALE
- FINISHED FLOOR LEVEL — FFL 3.450

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Notes

1. PRELIMINARY DRAWING: This drawing should be read as a PRELIMINARY issue and should NOT be used for construction under any circumstances.

1. All adoptable drainage to be installed/constructed to 'Code For Adoptpion' standards and in accordance with Anglian Water's additions and deletions document.
2. Connections to the existing sewers shall be subject to the approval of Anglian Water and shall be carried out by a contractor approved by Anglian Water. The contractor shall comply with the requirements of Anglian Water with regards to submitting method statements, risk assessments etc for obtaining a 'permit to work' on the existing sewer.
3. Where drainage is to be adopted, manhole covers are to be permanently and visibly badged with the AW logo and the lettering 'SW' for surface water and 'FW' for foul water.
4. Where possible orientation of manhole access covers to be orthogonal with adjacent kerb line.
5. Manhole covers to be set flush with binder course on new road construction and raised to final levels when surface course is laid at later date.
6. Sulphate resisting cement and concrete products to be used for foul sewerage.
7. All pipes entering or leaving manholes shall be laid with their soffits level, unless shown or agreed otherwise.
8. Gully connections to be 150mm Dia at a gradient no flatter than 1 in 150 unless stated otherwise.

PROTECTION TO ADOPTABLE SEWERS:-

15. Type S bedding to be used in non-trafficked areas.
16. Type S bedding to be used in trafficked areas where the cover to the crown of the sewer is greater than or equal to 1200mm.
17. Concrete Slab Protection to be provided in trafficked areas where the cover to the crown of the sewer is less than 1200mm.

Rev.	Description	By	Chk.	Date
-	Planning Issue.	NR	JR	23/05/22

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Consulting Structural & Civil Engineers

Client: Stinders Homes SPV1 Ltd

Project: Magpie Close, Long Sutton

Drawing Title: Preliminary Drainage Strategy

Designed by	Drawn by	Checked by
NR	NR	JR

Scale @ A1	Date
1:500	May 2022

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Status: PLANNING ISSUE

Cad file	Contact Office
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