



**NOTES**

- This drawing is to be read in conjunction with the relevant specification and all other related drawings issued by the engineer.
- Do not scale from this drawing. Work from figured dimensions only.
- All dimensions shown on this drawing are in metres unless otherwise stated.
- All dimensions, levels and survey grid co-ordinates are to be checked on site and the engineer notified immediately of any discrepancies prior to the commencement of the works. C&A will not be liable for any works undertaken prior to a resolution of any discrepancies being agreed between C&A and the client.
- No deviation from the details shown on this drawing is permitted without permission from the engineer.
- Manholes, sewers etc and any other part of the works intended for adoption are to be constructed in accordance with Southern Water's Guidance (SSG) and to the approval of Southern Water and West Sussex County Council (WSSCC).
- All pipe materials to conform to SSG and NBSB standards and requirements. Pipes to be bedded with a Class S granular surround where depth of cover is as follows:
  - Greater than 0.35m within garden areas
  - Greater than 0.5m within domestic driveways
  - Greater than 0.9m within public open space
  - Greater than 1.2m within highways
- Where the above cover depths are not achieved a concrete surround with flexible joints can be provided in accordance with SSG.
- Material testing is required for all materials involved in the construction of the works. Testing to be undertaken by the contractor in accordance with Southern Water's and WSSCC's design guidelines where applicable.
- For headwalls and wing wall details refer to Althon Detail 'SFA6 A headwall'.
- Surface water flows from self build units to be directed to sub-base of permeable paving. Flows to discharge to sub-base of shared private driveways via a diffuser unit and 100mm diameter pipe.
- Exact route of Kings Business Centre surface water diversion to be agreed following results of survey and trace of existing network through the site. Diversion route to be agreed in consultation with arboricultural where in areas of root protection.

**Key**

**Surface Water**

- Permeable paving - Access Road
- Permeable Paving - Private Drive
- Permeable paving - sub-base formation level
- Proposed Surface Water Sewer and chamber (maintained by management company)
- Proposed Althon SFA6 A surface water headwall.
- Concrete surround for pipe

**Private Surface Water**

- 500mm diameter private surface water silt trap by Wavin or equivalent approved
- 250mm diameter private surface water chamber by Wavin or equivalent approved
- 100mm diameter private surface water sewer
- Rodding Eye
- Diffuser Inlet
- Diffuser Outlet
- Self Build Units
- Proposed surface water diversion route of drainage, 100mm diameter pipe (unless stated otherwise) with 500mm diameter silt trap by Wavin or equivalent approved
- Proposed gully and 150mm diameter connection pipe

**TENDER ISSUE**

**NOT FOR CONSTRUCTION - SUBJECT TO APPROVAL**

F	Gullies added	MT TS GC July 24
E	Amended to suit utility design, substation added	MT TS GC Jun 24
D	Amended to suit revised survey, FFLs updated to match levels plan	MT TS GC May 24
C	Sub-base levels added, Private drainage value engineered	MT TS GC Apr 24
B	Self Build Units Highlighted	MT TS GC Mar 24
A	Updated Levels	MT TS GC Feb 24
Rev	Amendments	Drn Crk App Date

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Job Title  
**Reeds Lane, Sayers Common**

Drawing Title  
**Surface Water Drainage**

Client  
**Elivia Homes**

Scale	1:250 @A1	Date	Feb 24	Designed	NMM
Drawn	NMM	Checked	TSH	Approved	GAC
Job No	23-130	Drawing No	23-130-010	Rev	F

Cont'd on Insert