DRG No 401

DRG No 402

DRG No 403

DRG No 404

KEY PLAN

NOTES:

1. All dimensions to be checked on site. All levels and dimensions relating to sub-Contractors work must be checked and agreed between the main Contractor or supplier and/or prior to Construction.

2. This drawing is to be read in conjunction with all relevant Architects and Engineer's drawings and specifications.

3. The main Contractor is responsible for ensuring the stability of the structure and/or works are in progress.

4. All works shall be carried out in accordance with the requirements and to the satisfaction of the Local Authority and other statutory authorities. Any discrepancy between the Drawings and the relevant Codes/Acts or requirements of the Controlling Authorities shall be referred to the Engineer prior to commencement of the works.

5. All pipework, bends and junctions shall be supported by bed & surround in accordance with Sewers for Adoption 6th Edition and BS EN 1610 and Water Supply (Water Fittings) Regulations 1999 unless otherwise specified.

6. All manholes, inspection chambers, soakaways and other chambers shall be constructed in accordance with the current edition of Sewers for Adoption and BS EN 1610 unless otherwise specified. Where depth to invert exceeds 1.20m, benching shall be provided. Where depth to invert exceeds 1.50m, step irons shall be provided at 300mm centres in accordance with BS EN 13101.

7. All concrete work associated with the drainage shall be in accordance with the recommendations of BS EN 206-1:2000, Concrete - Specification, performance, production and conformity, unless specified otherwise.

8. Where a pipe is within 1m of a foundation the trench shall be filled with mass C20P, 20 mm nominal aggregate concrete up to the underside of the foundation. Where the invert is deeper than 1m from the foundation, the trench shall be filled with mass C20P, 20 mm nominal aggregate concrete to a level 150mm below the underside of the foundation and 150mm beyond the face of the foundation. Where the invert is deeper than 1m from the foundation and 150mm, backfill shall be as above and be benched and surrounded in 150mm thick mass C20P, 20 concrete.

9. Where access, entrance to, inspection, base of drainage outlet from ground level of more than 450mm they shall have a step irons fitted at 300mm centres. Where access, inspection, base of drainage outlet from ground level of more than 1.20m they shall be benched and surrounded in 150mm thick granular material.

10. No new connections to foul sewers are to be made and surrounded in concrete backfill, until all roofing and external paving is complete and the system has been flushed and cleared of any debris. Connections to the foul sewer are to be made using a proprietary inspection chamber with a 100mm diameter inlet and outlet. Any redundant drains to be abandoned are to be capped off with a concrete plug.

11. All pipes shall have rodding access either directly or from adjacent inspection chambers.

12. Where sewers cross, are to be constructed so that one pipe is laid together with any associated connection.

LEGEND

Existing Adopted Sewers

- Existing foul
- Existing storm
- Existing drainage to be removed

Private Storm Drainage

- Trade 2 interceptor chamber (modified)
- Trade 4 interceptor chamber (modified)
- Surface water rodding eye
- Road gully
- Yard gully
- Private pumped surface water system
- Private tank/soakaway
- SuDS measure

Adoptable Drainage for Adoption

- Adoptable rodding eye
- Road gully
- Adoptable soakaway
- Adoptable drainage swale

Private Foul Drainage

- Proposed foul water pipe

Foul Sewers for Adoption

- Manhole
- Foul drainage network
- Type 2 interceptor chamber (modified)
- Type 4 interceptor chamber (modified)
- Removed filter
- Foul connection point
- Existing foul water drain to be altered and maintained

NOTES:
For drainage connection details see drawing 22067/400
For drainage calculations see drawing 22067/405

Issue Status: FOR APPROVAL

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The Civil Engineering Practice

Borough Council Wilton Bo Wilton

Swanbourne Park
Angmering

Section 106 Agreement Plan
Proposed Drainage
Sheet 2 of 4

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A Revised		402

1:250 @ A1, 1:500 @ A3

ARUN DISTRICT COUNCIL A/137/14/OUT