



NOTES:

- All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor and supplier and the general Contractor.
- This drawing is to be read in conjunction with all relevant Architects and Engineer's drawings and specification.
- The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.
- All pipes, bends and junctions shall be vitrified clay to BS EN 205-1, with flexible joints and literature certified. Alternatively all pipes and fittings can be UPVC conforming to BS EN 1401-1 and shall be laid in accordance with the manufacturer's specification. If UPVC pipes are to be used then the manufacturer shall be approved by the Engineer prior to construction.
- All adoptable sewers shall be in strict accordance with the current edition of Sewers For Adoption. Unless otherwise stated, adoptable sewers shall be 150mm diameter and shall be laid in a class 3 bedding. Where the depth to soffit is less than 1.2m under a public highway or 0.8m elsewhere the pipe shall be laid with a class 2 bedding.
- All private building drainage shall be constructed in strict accordance with BS EN 752:1996. Unless otherwise specified, building drainage shall be 100mm diameter and shall be laid at a minimum gradient of 1 in 40 for foul drains and 1 in 60 for surface water drains. All building drains shall be laid in class B bedding unless otherwise specified.
- Where a pipe is within 1m of a foundation the trench shall be filled with class GEN 2 concrete up to the lowest level of the foundation. Where the trench is further than 1m from the foundation, the trench shall be filled with class GEN 3 concrete to a level below the lowest level of the foundation equal to the distance from the foundation less 150mm. In both cases the pipe shall be bedded and surrounded in 150mm thick class GEN 3 concrete.
- Where pipes, external to the structures, have a depth to soffit from ground level of less than 450mm they shall have a class GEN 3 concrete encasement (150mm thick) in all other cases the pipes shall be bedded and surrounded with 150mm thick granular material.
- In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreglass or polystyrene) shall be provided at a maximum of 4m centres (coinciding with pipe joints). The boards shall be pre-cut to pipe diameter and to a height and width equal to the concrete cross section. A board thickness of 15mm for pipes up to 450mm nominal diameter and 20mm for pipes over 450mm nominal diameter.
- All steps shall have ridding access plates fitted at their bases (ground floor level).
- Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.

D: 02.09.14 [A/D] Drainage updated to suit new tree in yard.
C: 06.08.14 [A/D] Drainage updated to suit 'Value Engineering' comments. Site layout updated to suit current external works.
B: 22.07.14 [A/D] Highway drainage design and private trench soakaway size updated to suit new soakaway rate.
A: 17.06.14 [A/D] Drainage updated.

REV	DATE	BY	DESCRIPTION	CHK

Issue Status

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PROJECT: Swanbourne Park Angmering

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CHECKED: A French
SCALE: 1:250 @ A1

DATE: May 2014

PROJECT NO: 22067

DRAWING NO: 223 D