

Construction Notes:

1. Do not scale from this drawing.
2. All dimensions in metres.
3. All levels relate to ordnance datum.
4. This drawing is based on the latest Architectural planning layout and shall be read in conjunction with all other relevant longitudinal sections and construction drawings.
5. Any discrepancies with any of the drawings shall be reported to MJA Consulting Engineers.
6. The level and location of all existing services shall be verified on site by the Contractor before commencing any construction work.
7. Contractor shall comply with all current legislation relating to CDM, Health and Safety and COSHH.
8. All material in areas of 20sq (i.e. kerbs, manhole wells etc.) shall be mechanically lifted and laid where possible at all times.
9. Manholes, sewers, headwalls and other structures intended to convey surface water or sewerage are to be constructed in accordance with the Water Authorities association specification 'Sewers for Adoption' 7th edition and to Southern Water specification and addendum.
10. Gullies, gully connections, drains, manholes, catchpits, soakways, headwalls and other structures are to be constructed in accordance with the specification issued by West Sussex County Council.
11. All foul and storm water drains which are not to be adopted as public sewers under a section 104 agreement shall be constructed using uPVC pipes or similar approved, bedded and backfilled in accordance with the manufacturers instructions and to the Building Regulations Part H, BS EN 752 & BS EN 3351.
12. All building drainage to be 100mm dia. laid at a minimum gradient of 1 in 80 (1.25%) and 1 in 60 (1.67%) unless otherwise shown.
13. Sewers and drains of different diameters should be laid soffit to soffit.
14. Inspection chambers on private drains shall be non-access preformed polypropylene.
15. In accordance with the Building Regulations Part H & BS EN 752.
16. Position of soil pipes, substacks, WC outlets, rainwater downpipes etc positions shall be checked against architects house type drawings to ensure compatibility.
17. Where back inlet gullies are used they should be roddable.
18. All sub stacks to be fitted with air admittance valve where branch drain exceeds 12m except at head of run.
19. Rainwater downpipes to be connected directly to drains via removable adaptor to prevent water ingress.
20. Positioning and construction of gullies are critical and may be adjusted on site, once drains to be installed at the end of all drives falling towards the public highway. All gully gratings in drives and parking areas should be of sufficient strength to withstand vehicular loading.
21. Lintels or sleeves are to be provided for drains passing through foundation brickwork.
22. All gully connections to be 150 dia. uPVC ultrarib or similar.
23. All gully connections other than at manholes to be 'Y' junctions.
24. All drain runs are to be flushed through and building materials removed where necessary at the time of final test by Building Inspector and prior to occupation.
25. All soakways to be positioned a minimum of 5.0m from buildings (where utilised).
26. All finished floor levels are shown on the drawing for guidance only and may need to be adjusted on site. However there is to be no deviation without prior approval.
27. All drives are to have a crossfall or gradient of 1:40 minimum. Maximum drive gradient on down slopes to be 1 in 4 and 1 in 8 on up slopes.
28. Continuous edging to be laid at rear of service margin.

KEY:

- Proposed Adoptable Sewers:
- Foul sewer
 - Storm sewer
- Highway Gully
- Proposed Private Drainage:
- Foul drain
 - Storm drain
 - Roadside gully
 - Yard gully
 - Aco drain
- All private inspection chambers shall be in accordance with The Building Regulations, Part H.

- Chamber sizes:
Depth to invert <1.2m DN450
Depth to invert >1.2m DN600
- Invert levels shown thus: F10.00 S10.00
- Primary mobility access
Stepped County Tray
External Brickwork
Tanking
Slab on Edge

Orchard Caravan Park



Client: Linden Homes

Project: New Barn Lane North Bersted

Site: US232-1001

Sheet: 1

Drainage design

Rev: A

Checked: KTG

Drawn: KTG

Scale: 1:500

DATE: 30.01.18

DESCRIPTION: Drawing No amended

INITIALS: KTG

MJA CONSULTING CIVIL AND STRUCTURAL ENGINEERS

1000000 Road, Dover, Kent, UK

Ph: 01323 555173

Fax: 01323 555173

Web: 01323 555173