



- 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 works and shall be read in conjunction with all other relevant regulatory sections and construction drawings.
5. The level and location of all existing services shall be reported to M&E Consulting Engineer.
6. Connected before commencing any construction work.
7. Contractor must comply with all current legislation relating to CDM, Health and Safety and COSHH.
8. All material in excess of 20kg (i.e. kerbs, manhole unit cover etc.) shall be manually lifted and not where possible at all times.
9. Manholes, sumps, hopperholes and other structures intended to convey surface water or sewage are to be constructed in accordance with the Water Utilities Association specification. (Seams for Adoption) 6th edition and to Southern Water specification and addendum.
10. Gullies, gully connectors, drains, manholes, catchpits, soakaways, headcills and other drains, structures intended to convey highway water 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 disposed as public sewers under a section 104 agreement shall be constructed using uPVC pipes or materials and the Building Regulations Part H, BS EN 752 & B18E 501.
12. All building drainage to be 100mm dia. laid at a minimum gradient of 1 in 60 (750 and 1 in 50 (500) where otherwise shown.
13. Sewers and drains of different diameters shall be laid side by side to satisfy inspection numbers on private drains shall be non-access performed.
14. Inspection numbers on private drains shall be non-access performed.
- Depths to invert
- DN150
DN200
DN250
DN300
DN375
- Maximum size
to be
used
is
DN300
15. In accordance with the Building Regulations Part H & BS EN 752.
16. Position of soil pipes, soakaways, WC outlets, rainwater downspout positions shall be checked against geotechnical notes (type of ground) to ensure compatibility.
17. All gully grates, in drains and parking areas should be of sufficient strength to withstand vehicular loading.
18. Levels or elevations are to be provided for drains passing through foundation brickwork.
19. All gully connections to be 150 dia. uPVC uitrorth or similar and all connections other than at manholes to be "Y" junctions
20. All drain runs are to be finished through and building materials removed where necessary at the time of final visit by Building Inspector and prior to occupation.
21. All soakaways to be positioned a minimum of 5.0m from buildings (where utilised).
22. All finished floor levels are shown on the drawing for reference only and may be adjusted on site. However there is to be no deviation without prior agreement.
23. All drains are to have a crossfall or gradient of 1:40 minimum. Maximum drive crossfall or gradient is to be 1 in 10 and 1 in 8 on up slopes.
24. Continuous eeging to be laid at rear of service manhole.

Surface Water:
Pipe sizes are based on assumed impermeable areas and are subject to change following detailed design of private drainage.

Slab levels are indicative only $\pm 150\text{mm}$

PRELIMINARY

Sl. No.	DATE	DESCRIPTION	INITIALS
D	03.03.11	Private drainage added for social housing.	HJS
C	07.12.10	Road 12 levels adjusted, slab levels amended to suit.	WSR
B	02.11.10	Road levels amended, SW sewer sizes and levels adjusted.	WSR
A	12.11.10	Engineering updated.	HJS

BARRATT

Phase 3

Felpham, Bognor R

[illegible]Engineering Layout
Sheet 2
