

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 Engineer.
6. The level and location of all existing services shall be verified on site by the Contractor 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 units cover etc.) shall be mechanically lifted and laid where possible or off trucks.
9. Manholes, sewers, headwalls and other structures intended to convey surface water shall be constructed in accordance with the specification issued by the Water Services Association specification "Sewers for Adoption" and to Southern Water specification and addendum.
10. Gullies, gully connections, drains, manholes, catchpits, soakways, headwalls and other drainage 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 adopted as public sewers under a section 104 agreement shall be constructed using uPVC pipes or similar approved, standard, non-proprietary, accordance with BS EN 752 & BS EN 501.
12. All building drainage to be 100mm dia. laid at a minimum gradient of 1 in 40 minimum fall, unless otherwise specified, 1 in 60 otherwise (FW) and 1 in 80 (SW) 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:
 - DN475 Minimum size
 - > 0.6m DN475
 - < 0.6m DN200
16. Where back inlet gullies are used they should be roddable.
17. All sub-stables to be fitted with air resistance valve where broken drain exceeds 12m except at head of run.
18. Rainwater downpipes to be connected directly to drains via removable adaptor to permit access for rodding.
19. Position of yard and house gullies are nominal and may be utilised on site subject to the availability of space and the need to ensure adequate drainage capacity. All gully grating in drives and parking areas should be of sufficient strength to withstand vehicular loading.
20. Urinals or stables are to be provided for drains passing through foundation brickwork.
21. All gully connections to be 150 dia. uPVC u/roth or similar.
22. All gully connections other than at manholes to be "Y" junctions.
23. 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.
24. All soakways to be positioned a minimum of 5.0m from buildings (where utilised).
25. All finished floor levels are shown on the drawing for guidance only and may be subject to change. All drains are to have a crossfall or gradient of 1:40 minimum. Maximum drive gradient on down slope to be 1 in 10 and 1 in 8 on up slopes.
26. All drains are to have a crossfall or gradient of 1:40 minimum. Maximum drive gradient on down slope to be 1 in 10 and 1 in 8 on up slopes.
27. The construction of all road sub-structures including selection of fill material, specific compaction and surface stability standards specification approved by a specialist Geotechnical Engineer and in accordance with BS EN 1997-1 and BRE 363 to ensure safe and stable slopes during all phases of construction and operation.

KEY:

