





David Wilson Mercia  
Remus 2  
2 Cranbrook Way  
Solihull Business Park  
Solihull  
B90 4GT

**KEY**

+123.456 Proposed Spotlevel

Works to David Wilson Homes generic details

Heavy Duty Blacktop Circulation Areas

Light Duty Blacktop Parking Bays

Tree Pit

50x150 EF Edging

NOTES:

- Private Road Construction: Please refer to drawing DB-SD10-011 Driveway Construction Details

RE 122.856 (600) Storm rodding eye.

Private SW uPVC chamber, Non man entry type when greater than 1200 deep.

Private SW uPVC catchpit, (depth greater than 1200 to be non man entry chamber)

Soakaway Storage - crates - permeable surround.

REV	DESCRIPTION	DATE
E	Parking amended to Light Duty Blacktop	15.9.20
D	Drainage added	06.07.20
C	Redesigned for Replan	23.01.20
B	open space re-profiled	13.12.19
A	Amended following new site layout	23.10.19
	DRAWING NOTES ADDED	

STATUS:

Preliminary

SCALE: 1:200

DATE: May 2019

DRAWN: IDL

TITLE:

Engineering Layout  
Levels and External Works  
Car Park

PROJECT:

White Post Road, Bodicote

DRG. No:

957-05-13 Rev E



33 The Point  
Market Harborough  
Leicestershire LE16 7QU  
Tel: 01858 411570 Fax: 01858 411571

Depth and Location of existing services to be traced prior to any excavation within existing highway.

All private drainage to be laid to levels shown using flexible jointed pipes, either uPVC to BS 4660 and BS 5481 or vitrified clayware to BS EN 295.

Private manholes to be constructed using conc. box sections, circular rings to BS 5911, or polypropylene inspection chambers where less than 1.0m deep, all with 150mm concrete surround size and construction to comply with the construction details and requirements of BS EN 752. Covers to be cast iron, light duty in rear gardens and communal open spaces, and medium duty in private parking areas / drives.

Rodding eyes, etc are to be laid to manufacturers minimum cover and depth to allow adequate fall from adjoining unit.

Care must be taken to ensure private manholes, rodding eyes, etc. are NOT positioned within curtilage of Adoptable Estate Rd. Footway or verge.

Rat lateral connection to be 135° "Y" junctions (ie 45° oblique junctions) to point of main run.

All private drainage works to be carried out in accordance with the provisions laid down in BS EN 752 & The Building Regulations, Part H.

Drainage under roads to be either:- a) Vitrified Clayware to BS EN 295, b) Concrete to BS 5911, Class M. Laterals to be formed of either vitrified clay or "Extra Strength", concrete "Class M".

Buried concrete to be Class 2 conditions in accordance with BS EN 12401. Unreinforced concrete to be sulphate resisting Portland Cement: a minimum cement content of 280kg/m<sup>3</sup> & maximum free water/cement ratio of 0.55. Also, see note 8.

All abandoned, buried obstructions encountered during the construction of Highway & Drainage Works are to be broken out to bed level of drains and sewers, and to the formation of carparks and drives etc., and to sufficient depth to allow for laying service company's mains and services.

All drains and connections to be 100mm diam, unless shown otherwise.

This drawing is schematic for clarity, and where possible drains should be laid to ensure connections are kept as short as possible. Reference should be made to the Architects drawings to determine exact location of down pipes, in relation to brickwork and eaves detailing.

Where pipes pass under buildings, unless beam & block floors are used, they are to be surrounded in concrete.

All branch drains, or connections, are to be discharged to the collectors obliquely, and in the direction of the main flow.

Figures quoted next to manholes / rodding eyes are Invert Level, in m AOD, and (depth to invert) in mm where shown.

Where dropshafts occur, Invert levels and (depth to invert) of incoming pipes are given.