

Drainage

All drains to be in UPVC laid in the sizes and gradients shown on 100mm min. peashingle bed with selected backfill. All drains are to be fully tested to Local Authority's approval.

Drainage generally to be as C.P.301. All manholes to be constructed using proprietary UPVC manholes for depths not exceeding 900mm and in pre-cast concrete rectangular sections for manholes exceeding 900mm in depth.

All drains passing under roadways and having a cover less than 1200mm to have concrete protection.

All drains to be protected where they pass under internal/external walls. For details of lintels see structural Engineer's drawings.

The invert and suitability of the existing Local Authority sewer in The Avenue is to be checked and confirmed prior to the commencement of building works. For full details of manhole positions, rodding eye access etc. see drawing numbers A8335/5 & 70.

Manhole sizes to be as recommended by C.P.301. Manhole covers to be medium and heavy duty as applicable.

All surface water drains to discharge to soakaways to be 3m min. distance from any building.

Soakaways in hard standing areas to have reinforced cover - actual capacity of soakaways to be agreed on site subject to ground conditions.

Soakaways to be constructed in honeycomb brickwork left unfilled and covered with a reinforced concrete slab below ground level. The cubic content (diam. and depth) to be finally determined on site. All rainwater hoppers, gutters and rainwater pipes to be cast aluminium (by specialists).

All rainwater pipes to discharge over back inlet gullies.

All connections to road gullies to be 150mm diam. UPVC.

All gullies, gully frames and gratings and inspection covers in driveways to be heavy duty road pattern type capable of standing 14 tonnes/axle loading.

"Charcon" safety kerb (reference DBA/2) to be installed at foot of all access ramps.

All drainpipes UPVC on granular bed. Concrete protection where less than 1200 cover under roads.

Manholes not exceeding 900 deep in UPVC

Manholes exceeding 900 deep in precast concrete rectangular sections.

Connections to road gullies 150 diam.

UPVC

All laterals 100 diam. UPVC

Support to be provided to all drains under buildings.

All rainwater soakaways 900 diam. 1500 below drainpipe inlet, constructed in 225 dry steined brickwork built off concrete base with reinforced concrete cover set 500 below finished ground level.

RKS type A Min. Capacity 1.5 cu.m.

B Min. Capacity 3.3 cu.m.

C Min. Capacity 4.3 cu.m.

Others - subject to agreement on site.

Exact positions of all ducts, mains, meters etc. to be agreed with appropriate authorities.

Setting out of all buildings to be agreed on site with Local Authority.

Size, depth & position of existing sewer connections in adjacent highway to be checked and confirmed on site prior to the commencement of any drainage work. All levels given to Ordnance datum.

Exact position of road gullies to be agreed on site.

The precise siting of rainwater soakaways is dependant on the proximity of tree roots. Where soakaways have been indi-

FOREST ROAD

crossfalls
to roads
1:40 from
crown

rws
B

saddle connection
to existing sewer
approx level
33.000

150 FD