

Drainage Proposals :-

Foul Water:-

100mm diameter flexible pipe foul drains to be laid to minimum fall 1:60 bedded on and surrounded with 100mm pea gravel. Where drains run under drives/road protect with reinforced concrete cover as detailed.

Foul drain runs to connect (via inspection chamber) to individual Klargestor BioDisc package sewage treatment plants . Tank to be installed with full concrete surround to manufacturer's specification and detail.

BioDiscs discharge to connect (via inspection chambers) to drainage fields as shown. Drainage fields to measure 30m x 16m as shown:- 100mm diameter perforated pipes to be laid on 1m wide x minimum 300mm deep clean stone filled trenches (with minimum 50mm stone cover) laid to fall 1:200. Cover with geotextile membrane and soil backfill. Pipes to be at 3m centres.

Surface Water :-

Surface water from plots to discharge into individual soakaways minimum 5m from any building. 1.5m x 1.5m x 1.5m deep soakaways to be filled with clean stone, geotextile cover and soil backfill. The existing access has a gravel finish and is free-draining. The new access drive and turning head will have a (free draining) gravel finish. Surface water from the new (tarmac) access splay will discharge into 1.2m x 1.2m x 1.5m deep soakaway filled with clean stone, geotextile cover and soil backfill.

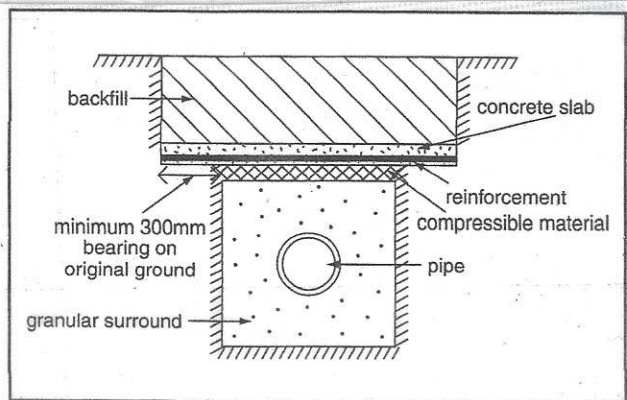
Provisional Drainage (manhole) Details/Levels :-

MH No	Cover	Inlet	Depth
MH1	124.50	123.90	600
MH2	124.00	123.60	400
MH3	123.70	123.30	400
MH4	123.00	122.40	600
MH5	121.40	120.80	600
MH6	120.50	119.90	600
DF1	122.50	122.00	500
DF2	115.50	114.90	600

Datum = crown of road at existing access = 128.52

MH = manhole/inspection chamber
DF = drainage field

Road Crossing



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PROJECT:
PROPOSED HOUSING
DEVELOPMENT

LOCATION: LAND AT
Cedar House BUSH BANK

DRAWING:
DRAINAGE

SCALE: 1:500 AT A3
DATE: February 2021
DRAWING No. 191195 - 7
REVISION: B C

Do not scale - use only figure dimensions
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