DISCONS.

Plot 8
Type D

Plot 9
Type E

Plot 10
Type E

Plot 11
Type G

Plot 7
Type F

Plot 6
Type A

Plot 5
Type A

Plot 4
Type A

Plot 3
Type B

Plot 2
Type C

Plot 1
Type C

FFL 119.20
FFL 119.20
FFL 119.35
FFL 119.45
FFL 119.40
FFL 119.65
FFL 119.75
FFL 119.80
FFL 119.95
FFL 119.45
FFL 119.50

contractor is to locate existing discharge pipe leading to lake. amend drainage layout to suit findings if different to that shown

new 225mm dia pipe to be installed in lieu of existing 100mm dia pipe discharging into lake.

150mm dia pipe

Grass

Gravel

stock fence with hedge to outside

1.8m high close boarded fence with native species hedge to front

900mm high brick wall hedge behind NB no tree or shrub planting to highway land

2.0m x 2.0m pedestrian visibility zone with no planting or structure above 0.6m in height within zone indicated thus

Driveways to flat houwards garages with slot drainage channels across garage doors

form new connection into existing manhole as shown, STW indirect application must be submitted to obtain consent to discharge

form new manhole connection upon existing foul drain located beneath drive. Contractor must investigate to find pipe depth as required and award layout to suit.

extent of existing footpath

MHSK3959102
CL. - 119.31
IL. kpstrl - 115.5
IL. kbwstrl - 115.05
VC. C Fou. 150mm dia

MHSK3959102
CL. - 0
IL. kpstrl -
IL. kbwstrl - 115.52
VC. C Fou. 150mm dia

existing manhole
CL. 120.02
IL. 119.87

IL 118.544 — proposed levels shown thus
existing levels shown thus

STORM DRAINAGE
- Use 100mm dia storm pipes unless otherwise shown
- Lay all storm pipes at 1in80 gradient
- minimum invert depth of manholes subject to pedestrian traffic 600mm
- minimum invert depth of manholes subject to vehicular traffic 900mm
Soil investigation determined soakaways are not viable.

FOUL DRAINAGE - PIPE CAPACITY
see drawing for actual pipe sizes and gradients

flow rate = upto 15 dwellings = 4.6l/s

A 150mm dia pipe laid at min 1 in 100 gradient offers a capacity of approx 17l/s - Therefore proposal ok.

NOTE Only the main drainage runs and critical manholes are fully labled. All other drainage subject to contractors discretion on site in conjunction with BCO.

TO BE READ INCONJUNCTION WITH SPECIFICATION

ALL DIMENSIONS ANGLES AND LEVELS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCING WORK NOTIFY ARCHITECT IMMEDIATELY SHOULD ANY DISCREPANCIES ARISE.

MINIMUM COVER TO INVERT LEVEL OF 600MM TO MH & IC WHERE PEDESTRIAN TRAFFIC 900MM WHERE LAID IN LIGHT & MAIN ROADS

USE HEAVY DUTY MANHOLE COVERS WHERE SUBJECT TO VEHICULAR TRAFFIC

USE LIGHT DUTY MANHOLE COVERS WHERE SUBJECT TO LIGHT PEDESTRIAN TRAFFIC

USE THERMOPLASTIC NOMINAL RING STIFFNESS 2kNJ PIPES IN ANY WIDTH TRENCH

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS. CHECK ALL DIMENSIONS LEVELS AND ANGLES PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT IMMEDIATELY SHOULD ANY DISCREPANCIES BE NOTED. TO ENSURE A SOLUTION CAN BE AGREED BETWEEN ALL PARTIES PRIOR TO THE GIVEN ELEMENT OF WORK BEING UNDERTAKEN

B - Various IL adjusted near plot 2 - Jul 09
D - Various amendments following on site checks - Nov 09
E - Various amendments following on site checks - Nov 09
G - Plots 8 and 9 amended - Nov 11
J - Plots 10 amended - Sept 12

client: Springbourne Homes Ltd
project: proposed housing, Main Street, Carlton
drawing: Drainage Proposals
scale: 1 : 100
date: Feb 2009
author: JAF
project no: 0941/1000
drawing no: 07/117 60J

Hayward ARCHITECTS LTD
19 Station Rd Henley Tel: 01455 635665
Lincs LE65 Fax: 01455 635671
www.haywood-architects.co.uk

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