



KEY:

Proposed Adoptable Sewers:

- Foul sewer
- Storm sewer
- Highway Gully

Proposed Private Drainage:

- Foul drain
- Storm drain
- Rodding eye
- Yard gully
- Aco drain

Permavoid distribution tank by Charcon 708 x 354 x 150mm

All private inspection chambers shall be polypropylene non-access chambers in accordance with The Building Regulations, Part H.

Chamber sizes:
Depth to invert <0.6m DN300
Depth to invert >0.6m DN475

Invert levels shown thus: **F10.00 S10.00**

Finished floor levels shown thus: **FFL 10.00**

Fall Arrows

Proposed Levels

Primary Access

Secondary Access

CELLULAR SOAKAWAY SIZES

A = 2.0 x 2.0 x 0.8m
B = 3.0 x 2.5 x 0.8m
C = 3.0 x 4.0 x 0.8m
D = 4.0 x 4.0 x 0.8m

ALL SOAKAWAYS DESIGNED TO RECEIVE THE 1:100 YEAR + 30% CC STORM FOS x2

SOAKAWAYS CAN BE RE-SHAPED TO SUIT LOCATION PROVIDED STORAGE VOLUME IS MAINTAINED



HAVANT BOROUGH COUNCIL
10 JAN 2014
RECEIVED

FOR CONSTRUCTION

REV. No.	DATE	DESCRIPTION	INITIALS
I	09.01.14	Revised to construction	KTG
H	14.10.13	Pump station added & valve chamber on rising main	JOK
G	18.09.13	Lateral adoptable manholes numbered.	JOK
F	14.08.13	FWS manhole invert levels revised.	JOK
E	29.07.13	Disconnection MH added to rising main following comment from SW	KTG
D	19.07.13	Private storm drainage amended, soakways removed and sizes added, permavoids added to road	KTG
C	10.07.13	Water Butts added	JOK
B	24.06.13	F14 removed, private drainage adjusted	KTG
A	22.05.13	Private storm drain overflows added, attenuation pond design information added to layout	KTG

Client

BARRATT SOUTHAMPTON

Project

Manor Farm Denvilles

Title

Engineering and drainage layout

Scale

1:250@A1

Date

Feb 13

Checked

KTG

Drawing No.

4527:01

Rev

I

MJA CONSULTING
CIVIL AND STRUCTURAL ENGINEERS
58-62 Oak Street, Abingdon
Oxon, OX14 5BZ
Tel: 01235 555173
Fax: 01235 523226

For Notes see drawing 4527:03