



- ### Drainage Notes
- This drawing to be read in conjunction with all other relevant engineers and architects details.
 - All levels are relative to ordnance datum (od).
 - All drainage is to be built in accordance with the building regulations part h (private)
 - All work is to be carried out in accordance with the current British Standards, Codes of Practice and Building Regulations.
 - All uncovered and shallow pipework to be protected against construction traffic as part of the contractors temporary works requirements.
 - Manhole cover levels are indicative only and are to be adjusted to suit finished levels.
 - Where a branch foul drain is not accessible from a manhole, an access point should be provided on the foul stack.
 - The number and location of all RWP's is shown indicative only, all to be confirmed by architect / M&E contractor prior to commencement of works.
 - Where pipework enters/exits structures or runs over structure within ground, rocker pipes must be used.
 - All above ground and internal surface and foul water pipework to specialist's design / detail, not shown here.
 - All RWP's and svp's to be fitted with roddable access plates. all foul drains to have roddable access.
 - Connections to foul terminal fittings to be 100mm nominal bore pipework subject to confirmation of above ground pipe diameters and/or design flow. No pipe work to be downsized in the direction of flow.
 - All pipework to be U-PVC type in accordance with WIS 4-35-01 unless otherwise noted.
 - All pipework entering and exiting manholes to be connected with pipe soffits level.
 - Pre-formed channels or high strength concrete benching can be used. Benching to be steel trowelled to a dense smooth face neatly shaped and finished to all branch connections
 - Pipe bends to be provided to suit direction of flow.
 - All manhole covers and frames to Group 2 (Min. class B125). Footways, pedestrian areas, car parks. No HGV'S
 - Gully tops and manhole covers to be provided in accordance with BS EN 124
 - All new drainage to be constructed adjacent new and proposed tree planting to be protected against root activity using 'Rootcontrol' root barrier material by Green-Tech. All in accordance with the manufacturer's recommendations.
 - First flexible joint in pipes adjacent to a manhole shall be 600mm max. from inside face of manhole, connecting to rocker pipe.
 - All soft spots encountered in the trench formation to be removed and replaced with graded granular material unless instructed otherwise.
 - All pipework below road and car parking with less than 1200mm cover shall be protected with a 150mm min FND2 concrete surround with Flexell isolation joints @ 2.0m Max. centres to coincide with pipe joints.
 - All buried concrete must cater for class 2 sulphate's conditions in accordance with table 1 of BRE DIGEST 363.
 - The design of any temporary works required shall be the responsibility of the contractor.
 - Ø100 foul drain minimum 1:40 fall
 - The first manhole upstream from the connection to the (existing) public sewer should, when constructed be fitted with a screen in order to prevent debris entering the public sewer. The screen should not be removed until immediately prior to the occupation of premises to be served by the sewer.

- ### Key
- Surface water drainage to soakaway not shown. Location TBC
 - Foul water drainage
 - RL = Run length
 - IL = Invert level
 - CL = Cover level

Foul Water Manhole Schedule				
MH Ref	CL (m)	Easting (m)	Northing (m)	Comments
F01	27.531	79.860	92.284	PPIC
F02	27.509	67.446	87.929	PPIC
F03	27.520	58.735	90.417	PPIC
F04	27.520	59.000	91.970	BioDisc model BA 6 Pers with pump

- ### Notes:
- Do not scale of this drawing.
 - Any omissions or errors to be reported to drawing owner prior to commencement of any work on site.
 - This drawing is to be read in conjunction with all other project drawings, schedules and specifications

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Rev	Date	Amendment	Date	Drawn	GBN
P01	05.04.2024	First Issue			
Client:		Red House Developments Ltd			
Project:		Vicars Croft Farm, Whatton, Nottingham, NG13 9FJ Drainage plan			
Drawn:	GBN	Sign+Date:		Paper size:	A1
Checked:	GBN	Sign+Date:		Scale:	See drawing
Suitability / Suitable for:	S2 - Issued for information			Project ID:	023_116
Drawing Number:	023_116 · ISS · 00 · XX · DR · C · 000001			Originator:	ISS
				Volume:	00
				Level:	XX
				Type:	DR
				Role:	C
				Number:	000001
				Revision:	

Drainage plan 1:100

P01