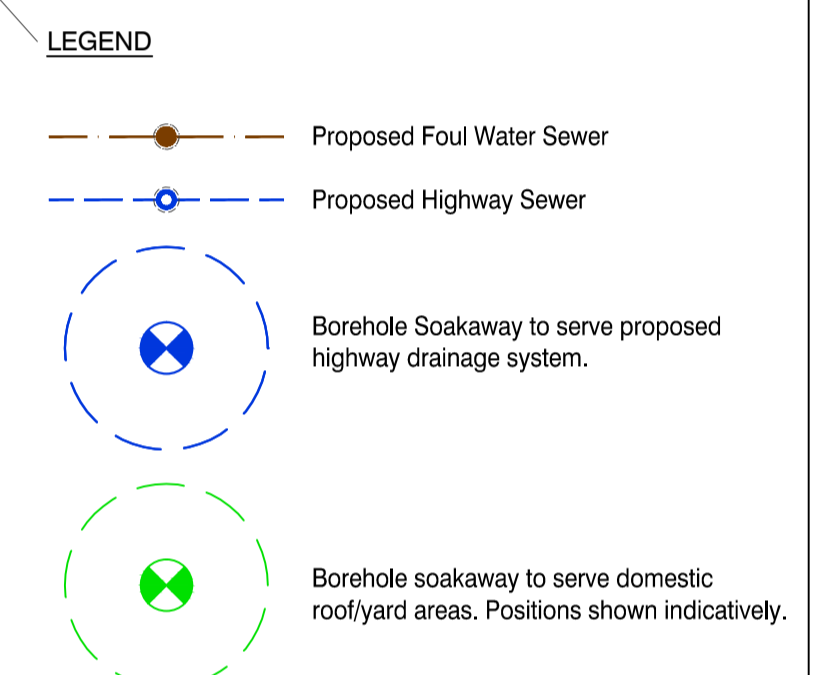


- Notes:-
1. The information provided on this drawing is intended for Planning purposes only. All engineering information is preliminary only, and subject to amendment at detailed design stage.
  2. Diversion of the existing foul water sewer shall be undertaken under Section 185 of the Water Industry Act 1991. All works are subject to the approval of, and to be undertaken strictly in accordance with the requirements of Dwr Cymru/Weish Water.
  3. Site Investigation report 11308/UJ/15/Rev A undertaken by Integral Geotechnique states that 'It would be prudent to connect any soakways directly into the underlying limestone bedrock in order to avoid any potential for generating subsidence of any overlying superficial deposits into an underlying solution feature. Where limestone bedrock is deeper, this may require borehole connections from a sealed soakaway chamber down to the limestone'. Subsequent soil infiltration/permeability testing indicated that the permeability of the underlying limestone is suitable for borehole soakaways.
  4. It is proposed to utilise borehole soakways to drain surface water run-off from both highways and domestic roof/yard areas. Borehole soakaway locations provided on this drawing are indicative only and subject to detailed design.
  5. Borehole soakaways shall incorporate suitable attenuated storage provision to accommodate the 100 year +30% return period rainfall event.



PLANNING

Rev	Date	Description	By
3	23.07.16	Indicative foul water levels added.	RMJ
2	23.07.16	Minor amendments to site layout. Drainage routes updated to suit.	RMJ
1	04.03.16	RD1 horizontal alignment revised. Res 53 to 55 & 95 to 101 layout revised, engineering revised to suit.	RMJ

Dimensions to be verified on site. This drawing should not be scaled. Use figured dimensions only. Any discrepancies should be referred to the Engineer prior to work being put in hand. This drawing is copyright.

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Consulting Civil & Structural Engineers

Client: **REDROW HOMES SOUTH WALES**

Project: **St. Nicholas**

Title: **Indicative Foul & Surface Water Drainage Strategy - for Planning Only**

Drawing Status: **Planning**

Designed by	Drawn by	Checked by	Date	Scale @ A1 size
RMJ	RMJ	RMJ	Feb'16	1:500
Project No		Drawing No		Revision
16057		C/PL02		3