



**NOTES**

- DO NOT SCALE THIS DRAWING
- CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ENGINEER

**KEY**

- DCWW ADOPTABLE FOUL DRAINAGE LAYOUT
- DCWW ADOPTABLE SURFACE WATER DRAINAGE LAYOUT
- DCWW ADOPTABLE SURFACE WATER ATTENUATION TANK
- PRIVATE ATTENUATION TANK
- PERMEABLE SURFACE

Rev	Detail	By	Date
B	AMENDMENTS MADE FOLLOWING UPDATED ARCHITECTS LAYOUT	DF	20.09.19
A	MINOR AMENDMENTS MADE FOLLOWING UPDATED LAYOUT	DF	08.11.18

Revisions

Reinforcement schedules nos.

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Client  
**HAFOD HOUSING**

Project  
**FORMER COWBRIDGE COMPREHENSIVE SCHOOL**

Drawing Title  
**DRAINAGE STRATEGY**

**PLANNING**

Project No. <b>C1214</b>	Drawing No. <b>C-SK01</b>
Scale <b>1:200</b>	Date <b>01.11.18</b>
Drawn <b>DF</b>	Checked <b>DF</b>
Sheet Size <b>A1</b>	Revision <b>B</b>

**SURFACE WATER STRATEGY.**

- CCTV SURVEY SHOWS THAT THE EXISTING DRAINAGE IS COMBINED CONNECTING INTO DCWW SEWER REF- ST00740603
- 3NO. INFILTRATION TESTS PITS WERE UNDERTAKEN IN JANUARY 2019 WHICH PRODUCED ONE MEASURED INFILTRATION RATE WITH THE OTHER TWO FAILING TO ACHIEVE THE 25% EFFECTIVE DEPTH.
- IN ADDITION THE SHALLOW BED ROCK IS CLASSED AS A PRINCIPAL AQUIFER AND THE GROUND WATER WITHIN IS VULNERABLE TO POLLUTION.
- GIVEN THE ABOVE WE WOULD PROPOSE AN ATTENUATED CONNECTION DISCHARGING TO THE ONSITE CULVERT AT 5 LIT/SEC.
- ALTERNATIVELY, THE SITE COULD CONNECT INTO THE ONSITE COMBINED SEWER (ST00740603).
- AREA HIGHLIGHTED AS PERMEABLE REQUIRED TO FEED ONSITE TREES. IF INFILTRATION IS VIABLE AN OVERFLOW IS REQUIRED TO STOP THE RISK OF FLOODING.

FOR PLANNING PURPOSES ONLY AND ARE NOT TO BE USED FOR TENDER OR CONSTRUCTION

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