Consulting Civil Engineers

Existing Fittings Survey

The Smithy, Cowfold

For

Dynamic Climate

Rev – **P-**

Reference **C3147**

Date **6th November 2024**

Revision	Date of Issue	Comments	Prepared By	Checked By
P	06.11.24	Initial Issue	LT	CS

Richard Cobden House, Lion Street, Chichester, West Sussex, PO19 1LW
Tel: 01243 933253 E: mail@cgscivils.co.uk W: www.cgscivils.co.uk

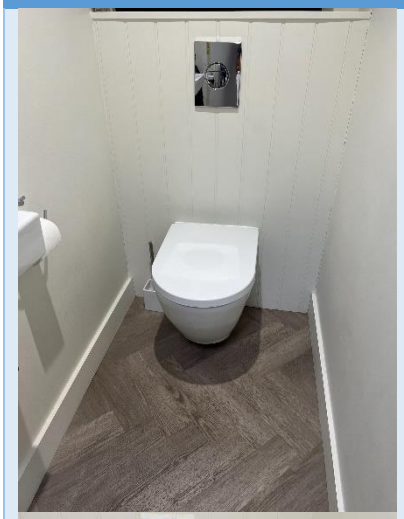
1 Introduction

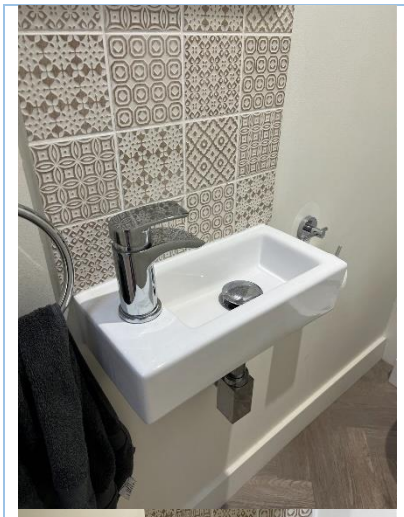
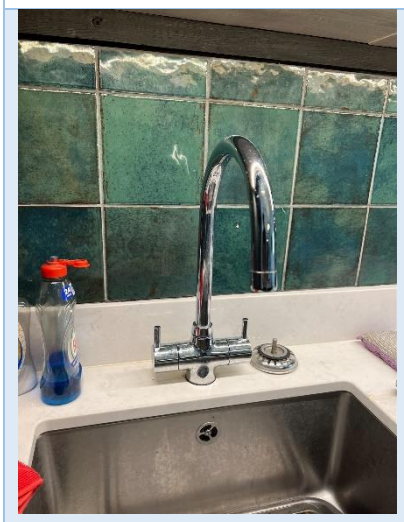
1.1.1 CGS Civils Ltd has been appointed by Dynamic Climate to undertake an Existing Fittings Survey in support of a Water Neutrality Report (C3147 Water Neutrality Report) for a proposed development at The Smithy, Bolney Road, Horsham. Planning permission is sought to expand the existing office space, providing a first floor, which would allow enough space for an additional 6 employees.

1.1.2 The purpose of this report is to provide an overview on the existing fittings and their water usages as well also show the proposed water usage changes on the site as a result of the recommendations made within the Water Neutrality report.

1.1.3 The water usage calculations within this report have been made using BREEAM guidance as per the accompanied Water Neutrality Report.

2 Existing Office

Fittings	Type of Fitting	Existing Water usage (l/p/day) Information based off of BREEAM guidance (refer to Appendix A)
 	Toilets	14.00

 	Basin Taps	3.27
	Kitchen Sink Taps	2.04
	Total (l/p/day):	**19.31**
	Total (l/day) for all 10 of the current employees:	**193.10**

3 Conclusion

3.1.1 The existing water demand for the offices is **193.10 l/day**. As outlined within the water neutrality report for this site, the proposals have an anticipated water demand of **84.96 l/p/d.**

3.1.2 The total water demand will be decreased by **108.14 l/day**, making the site water neutral.

4 Appendices

4.1 Appendix A:

BREEAM calculator for the existing offices: