

File Location: j:\31500	west cambridge masterplan\drawing	gs\civil3d\02 design models\proposed ca	anal & cotton brook pond masterfile_	_november 2016.dwg

Date of 1st Issue	Designed	Dra	awn
19.04.2016	DRM	DRM	
A1 Scale	Checked	Ap	proved
1:500	DRM	ST	
Drawing Number			Revision
31500/200	С		

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Tel: 01223 882000

30.06.17 GC ST ST

12.12.16 GC RC ST

03.11.16 DRM DRM ST

Date Drawn Chkd Appd

WEST	CAMBRIDGE

Jient	
WEST	CAMBRIDGE

(SHEET 3 OF 3)

C MASTERPLAN UPDATED

A AMENDED FOLLOWING CPA COMMENTS

SCALING NOTE: Do not scale from this drawing. If in doubt, ask.

any existing sewers, services, plant or apparatus may affect his operations.

PROPOSED WORKS TO EXISTING

DRAINAGE INFRASTRUCTURE

B NOTES AMENDED

Drawing Issue Status

Mark Revision

Client

WEST CAMBRIDGE DENSIFICATION

PROPOSED SECTION OF -----DITCH TO BE CONSTRUCTED

1:1 YEAR DISCHARGE RATE = (2.592 x 1.75) = 4.54 l/s (ASSUME 5.00l/s)

TO LIMIT ALL FLOWS TO 1:1 YEAR DISCHARGE RATE FOR ALL STORM

EVENTS UP TO AND INCLUDING THE 100yr + 40% CLIMATE CHANGE

FLOW CONTROL LEVEL =12.30 oad

EVENT

FLOW CONTROL 3 - (HYDRO-BRAKE)

OVERFLOW WEIR LEVEL =12.90aod

SCALE;1:500

	-
EXISTING STORAGE VOLUME (m <sup>3</sup> )	PROPOSED STORAGE VOLUME (m <sup>3</sup> )
9,466m <sup>3</sup>	18,334m³
UNKNOWN	554m <sup>3</sup>
1,200m <sup>3</sup> APPROX	1,200m <sup>3</sup> APPROX (AS OF EXISTING)
	VOLUME (m <sup>3</sup> ) 9,466m <sup>3</sup> UNKNOWN

UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this

drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of

PRELIMINARY

	BISTING BANK TO REMAIN AS OF EXISTING, NO RE-PROFILING PROPOSED	
88		11.6
	NEW OUTFALL TO BE CONSTRUCTED IL 11.65	▲ GH9 12.595

## Appendix P Proposed Drainage Strategy – Surface/Foul Water Network (Sheets 1 – 6) Long Sections Western Lake, Canal and Payne's Pond. Exceedance Plan Included





