Constructed Earth bund to impound exceedance flows on-site and reduce surface runoff from entering the Butts.

Steep earthworks forming drainage ditch

Headwall relocated to ensure exceedance flows do not flow towards Callaway Gardens. Final headwall position:
Easting: 387242.247
Northing: 150705.801

Exceedance Routing

The final lengths of adopted sewer will receive controlled discharges from the upstream network only, therefore providing spare capacity to assist with exceedance flows.

Private crated attenuation tank achieves 0.5m cover (at lowest point) which exceeds minimum cover of 0.3m

Althon pre-cast concrete headwall with impermeable liner to be installed where in contract with existing sub-soils

Inspection chamber upstream of exceedance headwall to be installed with sealed cover

As-built information provided by Backhouse 24/07/2024

Key

SITE INFORMATION

Site boundary

RPA Root protection area

EXTERNAL WORKS

Earthworks slope

PRIVATE SURFACE WATER DRAINAGE
(REFER TO PRIVATE DRAINAGE STANDARD DETAILS)

Surface water sewer

Althon headwall

Overland exceedance flood flow rate arrow

REV	DATE	DESCRIPTION	BY	CHK	APD
D	27.11.2025	MINOR UPDATES	ZC	CPY	CPY
C	17.02.2025	HEADWALL EASTING & NORTHING COORDINATES ADDED TO DRAWING	MDA	JBE	GJM
B	12.08.2024	UPDATES TO SUIT AN EMAIL RECEIVED FROM BACKHOUSE 06/08/2024	JSH	JBE	GJM
E	08.06.2026	EXISTING LEVEL INFORMATION ADDED TO OUTFALL	AG	JBE	CPY

CLIENT: BACKHOUSE HOUSING LTD

DRAWING STATUS: ISSUED FOR CONSTRUCTION

PROJECT: WESTBURY HOSPITAL

TITLE: HEADWALL RELOCATION PLAN

PROJECT No: 0654

DRAWING No: SK-301

REV: E

SCALE @ A1: 0 1:100 5 metres

DESIGN BY:

awcockward partnership
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