Development Site
with 600 cubic metres
surface water storage
and attenuated outflow.

Piped outfall to
watercourse/ditch.
Restricted development
outflow = 30 l/s peak
for worst case
100 year storm.

Lowered area
(2m wide x 3m long)

Large boulders placed
either side of headwall
outlet to reduce flow
velocity. Final arrangement
to be agreed with country
park representative.

75mm gaps between
slabs at the weir

Lowered area
(1m wide x 2m long)

Bobs Wood
Watercourse/Ditch.

Lowered area
(2m wide x 3m long)

End of open
watercourse/ditch.

300mm Piped outfall
discharging onto
Country Park Meadow Land
into shallow grip.

Approx. route of
existing path.

Meandering shallow grip with
potential to form shallow pond
areas along its length.
Discharge to wet land zone.

Proposed Marshland/Meadow to be
used for water attenuation.
Volume potential = 1000 cubic metres.

Bund extension beyond
path tie-in to contain water
away from Replica Iron Age
Settlement.

Stop-Log spillway to allow
management of water levels
between wet land areas.

Spilling/outlet from
lower meadow area.
into lake created by
historic gravel extraction.

Path on existing
bund.

New path/walkway on 450mm
high berm.
Flat top 2.5m wide. Slope to
adjacent wet land areas not
exceeding 1 in 3.

THE STUKELEYS CP

HUNTINGDONSHIRE DISTRICT

HUNTINGDON CO CONST

HUNTINGDON WEST WARD

BRAMPTON ED

Bobs Wood

Hinchingbrooke Country Park

Hinchingbrooke Park

Alconbury Brook

EASTERN EER

Notch Weir - Detail (A)
(nts)

Set approx 50mm below
existing top of bank to
allow water to weir
over if necessary

Possible lowered area
upstream of weir.
Protected by sand bags
as shown.

Section

Existing ditch
profile

Sand bag protection
against erosion to form
an edge to the lowered
area

Lowered
area

notch

Plan

Weir - insitu
or pcc slab with
notch or 2 slabs
set in concrete
50mm apart (or
75mm where shown)

Flow

OPERATIONAL SERVICES
CAMBRIDGE
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OUT

REV	DESCRIPTION	DRAWN	CHECKED	DATE
C	LOWERED AREAS IDENTIFIED. SAND BAGS SHOWN ON WEIR DETAILS	GLG	CSB	26.09.06
B	WEIRS AND DETAILS ADDED FOR WATERCOURSE/DITCH.	BHC	CSB	19.07.06
A	MARSHLAND AREA MODIFIED AND PROPOSALS AMENDED TO COMPLY WITH COUNTRY PARKS REQUIREMENTS.	BHC	CSB	20.11.03

PRELIMINARY | CONSTRUCTION | INFORMATION | TENDER

W O O D S H A R D W I C K

SCALE 1:1250 | TITLE: SITE B HINCHINGBROOK PARK

DRAWN DC | CHECKED CSB

DATE NOVEMBER 2003 | DETAIL: OFFSITE LAND DRAINAGE STRATEGY

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14829/1037 C

CAD FILE REFERENCE :- P:\DWG\14829\1037.DWG | VIEW LEVELS :-

REFERENCE FILE LEVELS :-