Hanson Drawing Office (Loughborough) - created using GIS
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All levels in metres above ordnance datum

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NORTH - SOUTH BANK TOP
(0.8 to 1.0m aod 5m wide max.)

Clay pits to be in 3m deep benched levels backfilled to -1.0+/-0.2

Backfilled to -1.8+/-0.2

(-1.4aod invert) 600mmØ pipe CELL 8 OUTLET

(-1.4aod invert) 600mmØ pipe CELL 9 OUTLET

1 in 3 slope for interim restoration

Outlet pipes 600mmØ at -2.85aod inverts

Pipe culvert for low level floor drainage

Access road spur with 1:3 side batters

2nd road connection

1st complete cell wall

Blue clay for canal to be extracted from this area

152,000m³ to strip & place directly in restoration landform

10m stand-off to IDB drain

See Perimeter Canal Construction Sections

3rd canal & basic internal restoration batters

Areas sterilised due to archaeology

IDB ditch to be diverted south of archaeological stand-off area agreed

Upper Delphs

Shelford Farm

Water Level

BORROW PIT

Long Holmes

Mere Holes

River Great Ouse

Path (um)

Drain

SHELFORDS ROAD

B 1050

No 10 DROVE (Track)

Track

Filtern th Public Drain

large willow tree 10m spread

concrete boundary post

centre of road junction

centre of gate

BM 3.84m

BM 2.74m

BM 3.40m

4.0m

3.6m

4.3m

2.7m

Islands

Fen

Wet Reed

Dry Reed

top gravel

0.3m ± 0.2m

0.4m - 0.6m

0.7m ± 0.2m

0.25m ± 0.2m

0.3m - 0.5m

SECTION OF TERRACED BATTER PROFILE
1:100

'Flat' crest of banks built to levels shown incorporating localised undulations & hollows no deeper than 0.2m (see plan for level variations)

Junction of 'flat' area & top of batter to be rounded-off (convex slope) over approx. 4m width

Variable, but average 1 in 10 overall batter and terraces (2 or 3 where indicated)
(NB: Set out true batters by top and bottom of batters shown on plan by tadpoles)

Break in slope indicated on plan by broken red line

Flat terraces or hollows formed by concave slope batters (see plan for broken tadpoles to indicate sections where single, double or triple batters occur)

Single concave batter where tadpoles are shown unbroken with no terraces

Reedbed plateau (white)

Toe of 1:10 batter

Channels (blue)

See plan level (aod) ± 0.2m undulations (see plan for levels)

Batters to be constructed from edge of blue plan area

Base of pit (ungraded unless higher than -2.0 aod)

-2.0 to - 3.0

1 in 6

1 in 3

Compacted overburden constructed in horizontal layers (approx. 300mm) using loaded trucks

Base of pit

Corner to be bladed-off to varying gradients
(NB: this is shown on plan as edge of blue channels or form to final gradients immediately)

Legend

- Extraction boundary & strip area
- Area of FILL (High Level) (see levels on plan)
- Area of FILL (Low Level) (Reedbed plateau between water channels - see section)
- Areas of archaeology
- Borehole location
- Approximate extent of Willingham Mere
- Existing bridleway
- Proposed route of IDB drain

NB. All setting out and level control is the responsibility of the contractor and as as-built survey is required for inspection.

Revision C: IDB ditch route amended as per Jackson Purdue Lever details from their drawing JDI00125-461-C3 (MD)

Hanson HEIDELBERGCEMENT Group

Site: **NEEDINGWORTH**

Title: **Stripping & Restoration Scheme 2017**

Scale at A1	1:2,500	Date	April 2018	Drawing No.	O2/ 755c
Drawn By	JCO/LW	Checked By	DES		