
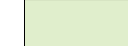










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-  Existing woodland
-  New woodland planting
-  Lakes & water bodies
-  Water course
-  Notional new water channel in marsh
-  Deposition area for lake dredgings as soil ameliorant for woodland planting
-  Existing path
-  Proposed new path
-  Haul route
-  SSSI

PR	Date	Description	Drawn By	Checked	Client
21/05/2009	preliminary		DJ	RHE	APCS

TOM CARPENTER

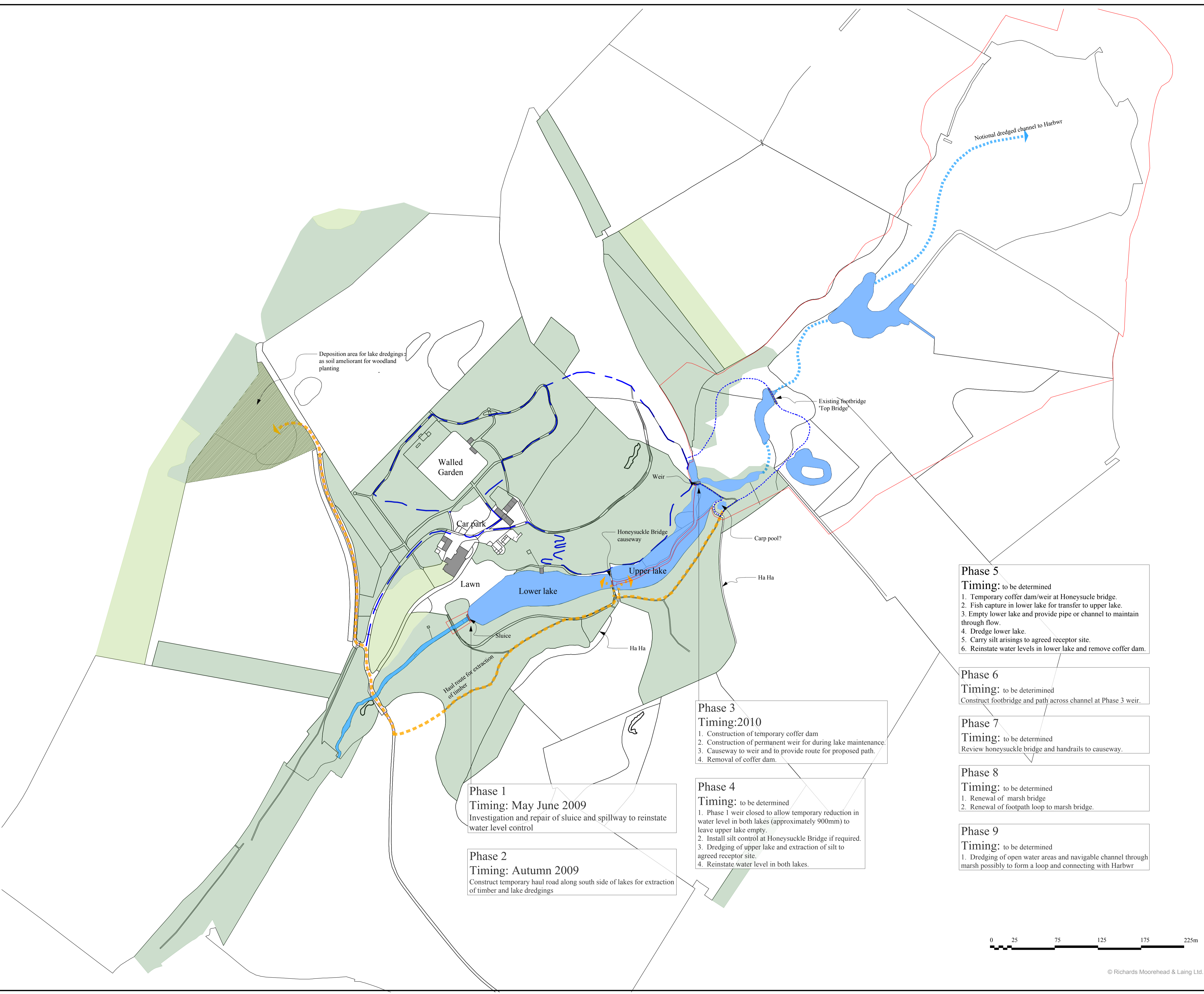
Carreg Lwyd Lakes

**MASTER PLAN
Consultation Draft**



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Scale (A1)	Date	Drawn by	DJ
1:2000@A1	May 2009	Checked	checked
Revision		Revision	00



Phase 1
Timing: May June 2009
Investigation and repair of sluice and spillway to reinstate water level control

Phase 2
Timing: Autumn 2009
Construct temporary haul road along south side of lakes for extraction of timber and lake dredgings

Phase 3
Timing: 2010
1. Construction of temporary coffer dam
2. Construction of permanent weir for during lake maintenance.
3. Causeway to weir and to provide route for proposed path.
4. Removal of coffer dam.

Phase 4
Timing: to be determined
1. Phase 1 weir closed to allow temporary reduction in water level in both lakes (approximately 900mm) to leave upper lake empty.
2. Install silt control at Honeysuckle Bridge if required.
3. Dredging of upper lake and extraction of silt to agreed receptor site.
4. Reinststate water level in both lakes.

Phase 5
Timing: to be determined
1. Temporary coffer dam/weir at Honeysuckle bridge.
2. Fish capture in lower lake for transfer to upper lake.
3. Empty lower lake and provide pipe or channel to maintain through flow.
4. Dredge lower lake.
5. Carry silt arisings to agreed receptor site.
6. Reinststate water levels in lower lake and remove coffer dam.

Phase 6
Timing: to be determined
Construct footbridge and path across channel at Phase 3 weir.

Phase 7
Timing: to be determined
Review honeysuckle bridge and handrails to causeway.

Phase 8
Timing: to be determined
1. Renewal of marsh bridge
2. Renewal of footpath loop to marsh bridge.

Phase 9
Timing: to be determined
1. Dredging of open water areas and navigable channel through marsh possibly to form a loop and connecting with Harbwr

