

CONSULTANCY CONTRACTS
TRADITIONAL MACHINERY
DOROTHEA RESTORATIONS LIMITED

Date	Description
Oct 08	Hallington Mill, Nr. Newcastle on Tyne , survey of derelict water-wheel, specification and costing of emergency repairs for insurance purposes.
Aug 08	Snibston Discovery Centre, Leicester , survey and specification of conservation of industrial artefacts for Leicester City Council.
June 08	Nether Alderley Watermill, Cheshire , condition survey and costed schedule of repairs for the National Trust.
June 08	Bourne Watermill, Colchester , condition survey of millwork for the National Trust.
June 08	Bembridge Windmill, Isle of Wight , quinquennial survey of whole structure for the National Trust.
May 08	Llancayo Windmill, Nr. Usk, Wales . Design of replica cap, sails, reefing stage and associated mill-work, advice during construction.
April 08	Naum Gabo sculpture 'Revolving Torsion, Fountain' , (Tate Gallery Collection), St. Thomas's Hospital, London , engineering survey and advice on restoration to working condition.
Oct 07	'Cutty Sark', Greenwich, London . Trial repairs to wrought iron framing following the fire.
Oct 07	Survey of a 40ft diameter underground waterwheel in Staffordshire , preparation of restoration plans (private client).
Sept. 07	Goonvean Beam Engine, nr St Austell, Cornwall . Advice and specification for removal of a large listed Beam Engine to store, including later consultancy work advising English Heritage on LBC conditions for the Project.
July 07	Houghton Watermill, Huntingdon , survey of millwork for the Nat. Trust.
June 07	The Old watermill, Kakopetria, Cyprus , survey of millwork, design and subsequent repairs on site.
June 07	GWR Chain Shop, Swindon Railway Works . Archival research, condition survey, preparation of costed schedule of conservation works.
May 07	Bourne Watermill , annual survey of millwork for the National Trust.
May 07	Marsh Windmill, Thornton Cleveleys , survey of electric drive gear on millwork and specification of repairs for Wyre Borough Council.
April 07	Theatre Royal, Drury Lane, London . Condition survey of nineteenth century rising-stage hydraulic-rams, design and costing of system for reinstatement to working condition, and subsequent execution of the works.
March 07	Ashover Watermill, Derbyshire , survey of millwork and costed schedule of repairs for Ashover Council.
Feb 07	Lode Mill, Anglesey Abbey , condition survey of millwork and culverts for the National Trust.
Jan 07	Chiseldon Windmill, Swindon , emergency repairs and condition survey following serious damage by gales.
Jan 07	Chatterly Whitfield Colliery, Stoke on Trent . Survey of underground mining equipment, exhibits in former museum.
Oct 06	Houghton Watermill , survey of millwork for the National Trust.
Sept 06	Bourne Watermill , survey of millwork for the National Trust.
Aug 06	Bestwood Colliery Winding Engine, Nottingham . Conservation survey of a rare listed vertical steam winder and headgear, costed repairs proposals for Nottingham County Council.
July 06	Stretton Watermill , survey of millwork for Cheshire County Council.
June 06	Mill Green Watermill . Survey of millwork for Hatfield Council
June 05	Hestercombe Gardens, Somerset . Survey of traditional millwork and barn equipment, repairs schedules and budgets.
Apr 05	Mill Green Watermill, Hatfield . Condition survey.

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Mar 05	Bishops Palace, Wells, Somerset. Excavation and survey of underground water-powered water pump, with costed schedule of repairs and renewals.
Feb 05	Stretton Mill, Cheshire. Condition survey and safety training for staff.
Dec 04	Nant-y-Coy Watermill, nr Haverfordwest. Condition survey, drawings and repairs schedule.
Nov 04	Brixton Windmill. Condition survey and costed repairs schedules.
Sept 04	Eling Tide Mill, Southampton. Condition survey of millwork.
May 04	Stretton Watermill, Cheshire. Survey of traditional millwork and training of staff
May 04	Hayle Mill, Tovil, Nr Maidstone. Survey of early paper-making machinery with budgeted proposals for repair.
March 04	Mill Hotel, Sudbury. Survey of waterwheel.
Feb 04	Arkley Windmill. Condition survey and report.
July 03	Wootton Bassett Town Council. Survey and proposals for repair of an eighteenth century horse-drawn fire pump.
May 03	Union Windmill, Cranbrook, Kent. Study into the risks associated with wind damage to a Grade 1 listed windmill in a built-up area.
Feb 03	Earnley Windmill. Condition survey and report.
Jan 03	The Science Museum, Wroughton, Swindon. Condition survey of sixteen items in the industrial collection, preparation of conservation and display proposals with costings.
Nov 02	Glyn Pits, Pontypool. Resurvey of the scheduled vertical overhead steam winding engine, and the beam pumping engine for CADW.
Oct 02	Survey and condition report on Mill Green Watermill, Halfield, Herts.
Oct 02	Lode Mill, Anglesea Abbey, Cambridgeshire. Staff training for the National Trust and survey of historic mill machinery
Sept 02	Bembridge Windmill, IOW. Staff training for The National Trust.
Apr 02	Survey of Bembridge Windmill, IOW for the National Trust.
Feb 02	Dorothea Quarry Beam Engine, Talysarn, Caernarfon. Recording, and preliminary engineering assessment.
May 02	Shugborough Park Mill, Stafford. Staff-training, provision of H & S, Maintenance and Operation Guidelines.
May 02	Survey of Waterwheel at Lumb Mill, Halifax.
April 02	Ironbridge Gorge Museum, Coalbrookdale Technology Centre. Design and development of human operated beam engine drive, and a mechanism to enable children to pull a locomotive.
April 02	Bembridge Mill, Isle of Wight. Condition survey for The National Trust.
Jan-June 02	Conservation consultancy in connection with works to goods van at Scottish Railway Preservation Society, Boness.
March 02	Survey of the ' Barry 10 ' Steam locomotives for the Heritage Lottery Fund.
Dec 01	Bourne Watermill, Colchester, survey of machinery for The National Trust.
Nov 01	The Old Windmill, Frampton Cotterell, - design of new cap.
Aug 01	Survey, specification and budgeting for restoration of an electric crane on the facade of Bombay Wharf, Rotherhithe, London.
May 01	Survey of defective sweeps (sails) to Caldbec Hill Windmill, Battle, Sussex.
March 01	Survey of Waterwheel and sluiceways, Dee Mill, Llangollen.
Jan 01	Redesign of pond, paving and lighting for Naum Gabo's sculpture 'Revolving Torsion Fountain' for St. Thomas' Hospital, Lambeth, London.
Nov 00	Survey of Traditional millwork at Levanthan Mill, Devon.
Nov 00	Survey of Francis-type water turbine, Boreham Mill, Warminster, Wilts.

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Oct 00	Resurvey of Brill Windmill for Buckinghamshire County Council .
Sept 00	Survey of damaged waterwheel at Houghton Mill, Huntingdon for The National Trust .
Sept 00	Design of new waterwheel for The Mill, Ash Priors, Devon .
July 00	The Mill Hotel, Sudbury, Suffolk . Inspection of defective sluicgate and subsequent repair.
July 00	Survey of Outwood Windmill, Sussex , and specification of repairs to Britain's oldest working windmill.
July 00	Survey of Grove Wind Mill, Coleshill, Bucks and reporting on condition.
May 00	Survey of cap and fantail at Ewhurst Windmill, Surrey and repairs specification.
May 00	Priced proposals for conservation of Holland I Submarine for the Royal Naval Submarine Museum, Gosport .
April 00	Survey of waterwheel at Warnham Mill, West Sussex , and repairs specification.
March 00	Survey of machinery at City Mill, Winchester for National Trust, and specification of restoration of millstone furniture.
Feb 00	Surveying horse gin at Goodnestone, Kent and preparing proposals for restoration.
Dec 99	Lode Mill, Anglesea Abbey , Cambridgeshire, survey of working machinery for The National Trust.
Nov 99	Houghton Mill, Cambridgeshire , survey of working machinery for the National Trust.
June 99	Dee Mill, Llangollen , survey of waterwheel and sluicgates.
April 99	Survey of fantail and specification for repairs at Shipley Windmill, West Sussex .
March 99	Shalford Mill, Surrey , survey of millwork and preparation of conservation proposals for the National Trust.
March 99	Valuation of the 40T Godalming Turbine for the Ironbridge Gorge Museum Trust.
Feb 99	Survey of Arkley Windmill, Herts . (Repeat)
Feb 99	Survey of Mill Green Watermill, Herts . (Repeat)
Jan 99	Survey of the Coal Collection of the National Museum of Wales, and Big Pit , preparation of conservation plan.
98	Survey of several Windmills for Kent County Council , specification for repairs.
Dec 98	Survey of waterwheel at City Mill, Winchester , for The National Trust.
Sept 98	Survey of large cast iron water-wheel and driven machinery for Ivybridge Town Council, Devon .
Sept 98	Survey of Emmetts Mill, Chobham and specification for renewing waterwheel and sluice gear.
August 98	Survey of Brill Windmill, Bucks , and preparation of 5 year conservation plan for Buckinghamshire County Council .
July 98	Survey of early beam engine, waterwheel, watercourses and extensive transmission at the Jameson Heritage Centre, Midleton, County Cork, Ireland .
July 98	Investigation and feasibility study into Cornish Engine, Springhead Pumping Station, Hull , for Yorkshire Water .
March 98	Gomshall Watermill, Sussex , survey and report on operating waterwheel.
March 98	Passingford Bridge Watermill, Romford , survey of Armfield turbine and driven equipment.
Dec 97	Survey of Mill Green Watermill, Herts (Repeat).
Oct 97	Mill Hotel, Sudbury , survey of operating waterwheel (Repeat).

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Sept 97	Inspection and report on the condition of seven Kent windmills for Kent County Council .
Sept 97	Survey of Arkley Windmill, Hertfordshire (Repeat).
July 97	Inspection and report on a unique cast iron Canal Boat Weighing Machine for the British Waterways Museum, Stoke Bruerne, Towcester .
July 97	Study on conservation and feasibility of reactivation of two large waterwheels and other machinery at Felin Fawr, Bethesda, North Wales for Gwynedd Council.
July 97	Preliminary investigation of two steam winding engines and possible reactivation at Pleasley Celliery, Chesterfield .
April 97	Survey of Grove Windmill, Coleshill, Amersham, Bucks (Repeat).
March 97	Feasibility study of Wessex Water's unusual turbine pump and other historic machinery at Sutton Poyntz and oil engine/pumps at Friar Wadden Pumping Stations
1996-7	Production of working drawings for replica of 1814 steam locomotive Elephant , in conjunction with Beamish Museum .
Oct 96	Survey of Arkley Windmill Hertfordshire .
Oct 96	Survey of iron waterwheel, Sudbury, Suffolk .
May 96	Feasibility Study into replication of I.K. Brunel's Atmospheric Railway, Devon .
March 96	Powis Castle Estate Sawmill . Survey of historic machinery, provision of costed repair proposals.
March 96	Investigation and report on the Vivian and Dinorwic inclined planes at The Welsh State Museum, Llanberis .
Feb 96	Survey of watercourses, waterwheel, millwork and steam engine at Sarehole Mill, for Birmingham City Council .
Feb 96	Survey, investigative work and conservation proposals on early Newcomen-type Engine for English Heritage at Elsecar .
March 95	Survey of Clay-processing Machinery at Birkhill Clay Mine for Bo'ness Development Trust Scotland .
Jan 95	Conservation survey of large objects at Chatterley Whitfield Colliery, Stoke on Trent , including headgears, boilers, economisers and winding engines.
Nov 94	Proposals for electric motor drive to Cogglesford Watermill, Sleaford, Lincs .
August 94	Survey and preparation of repair proposals for New Hall Mill, Sutton Coldfield .
March 94	Survey of vertical steam winder and rotative beam engine at Glyn Pit, nr Pontypool, Gwent for Mid Glamorgan County Council.
Nov 93	Survey of large Worthington Simpson Triple Expansion Steam Engines, Kempton Park Pumping Station, London , for Thames Water Plc.
April 93	Excavation, survey and report on water turbine at Town Mill, Totnes for Safeway Plc.
April 93/4	Theodolite and Precision Level survey of support walls to Laxey Waterwheel, Isle of Man for the Manx Government. (Repeat)
Dec 92	Condition survey of light from Ailsa Craig Lighthouse .
Nov 92	North West Water. Survey of machinery at Bunbury Mill, Cheshire .
Oct 92	Survey of large exhibits destined for new Museum of Scotland , for the National Museums of Scotland, Edinburgh.
Oct 92	Friends of Kensal Green Cemetery . Survey of hydraulic machinery for catafalque.
June 92/5	Inspection of Chiseldon Windmill, Swindon . (Repeat).

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Jan 92	Survey of Locomotive Lion for National Museums and Galleries, Merseyside.
Jan 92	Specification for provision of Waterwheel at Kelham Island Museum for Sheffield Council.
Dec 91	Condition survey of Bestwood Winding Engine for Nottinghamshire County Council.
Sept 91	Survey of electric winding engine at Woodhorn Colliery for Wansbeck District Council.
July 91	Survey of Large Objects Collection for National Museums and Galleries, Merseyside.
July 91/5	Condition of Mill Green Watermill, Hertfordshire. (Repeat).
June 91	Survey and drawings for repairs to Standon Paper Mill, Herts.
April 91	Condition of Bembridge Windmill, Isle of Wight, for National Trust.
Feb 91	Engineering Conservation section of Dalmellington Ironworks proposals, for Scottish Development Agency.
Feb 91	Refurbishment of John Stephenson Horse Tram for London Transport Museum.
Jan 91/5	Paddle Tug Reliant for National Maritime Museum, London. (Repeat)
Dec 90/5	Condition of Arkely Windmill, Hertfordshire. (Repeat).
Dec 90/5	Condition of Grove Windmill, Buckinghamshire. (Repeat).
1994-96	Survey of mill and machinery at Arkley Windmill, and Coleshill Windmill, Amersham Buckinghamshire.
Dec 90	Motorising of Kidwelly Tinplate Works, hot and cold Rolling Mill Engines.
Oct 90	Condition of Ford End Watermill, Buckinghamshire.
July 90	Survey of cap and curb to Stansted Mountfitchett Windmill, Essex.
May 90	Paddle Tug Reliant for National Maritime Museum, London.
April 90	Millwork to Shugborough Park Farm, Stafford, for Staffordshire County Council.
April 90	Mortimer's Cross Watermill, Lucton Nr. Leominster.
March 90	Survey on Starvationer Boat at Lound Hall, National Mining Museum.
Feb 90	Motorising of Trevor Shaft Steam Winder, Lewis Merthyr Colliery, Trehafod.
Jan 90	Report on proposed conservation works to early C19th beam engine, "Old Ben" for Heriot-Watt University.
Jan 90	Waterwheel at Shipton Mill Watermill, Gloucestershire.
Nov 89	Condition of Ashton Windmill, Somerset, for Sedgemoor District Council.
Nov 89	Wheel bearings and rods of Lady Isobella Waterwheel, Isle of Man for the Manx Government.
June 89	Report on historical aspects of Mersey Ferries.
June 89	Survey of Mill Green Watermill, Hertfordshire. (Repeat)
June 89	Feasibility study of reinstallation of waterwheel at Llannerch-y-Mor works, Mostyn.
Feb 89	Report on restoration of Leyland Cub Fire Engine, Tyne & Wear Museums.
Oct 88	Survey of 3 waterwheels and associated millwork at Dunkirk Mill, Gloucestershire.
May 88	Feasibility study for motorisation of steam engines for South Staffordshire Waterworks Company.
Nov 87	Survey of millwork to Bersham Mill, Clwyd.
July 87	Condition report of the Newcomen Engine at Elsecar for English Heritage.
May 87	Survey of four large steam engines, E. Hall, Science Museum, London; and proposals for resteaming.
June 86	Survey of Hathorn Davey Triple expansion steam engine at Victoria Pumping Station, for Bristol Waterworks Co.

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March 86	Survey of the Sprotborough Pumping Engine House , South Yorkshire.
Nov 85	Survey of Lady Isobella waterwheel and surviving mine pump equipment at Laxey, Isle of Man for the Manx Government.
Sept 85	Survey of Glenfield and Kennedy 1901 Beam Engine , for Bristol Waterworks Co. devise and cost method of motorising.
Jan 85	Survey of Robert Heath Locomotive , for Chatterly Whitfield Mining Museum.
1975-85	Conservation of Turbinia Steam Turbine launch for Tyne and Wear continued Museum Service. Survey of Scolton Manor Museum agricultural and industrial collection for Dyfed County Council, designs for new museum displays. Rebuilding of Colliery Winding Engine for Beamish Museum, Tyne & Wear. Survey of horizontal steam winder and Lancashire boilers at Cefn Coed Colliery near Neath , Glamorgan. Survey of needle-making machinery and waterwheel at Forge Mill, Redditch , nr. Birmingham. Survey of machinery at Rufford Mill, Nottingham , for Nottinghamshire C.C. Instruction on millstone dressing and advisory work, Felin Isaf, Gwynedd . Survey of Town Mill, Perth , Scotland. Costed proposals for restoration of Mirlees Diesel Engine, Gas Meter, lathe and hoist for the Science Museum, London . Drafting of operation, maintenance and safety guidelines, and visitor guidebook for the newly-opened Museum at Blackgang Chine, Isle of Wight . (Also design, supply and erection of 24 m displays and diorama.) Survey of Tregurtha Beam Pumping Engine , for National Trust, Cornwall. Inspection and report on condition of Lee Gommery Mill, Telford , after severe fire damage. Annual survey of the large operable waterwheel at The Mill Hotel, Sudbury , Suffolk. Specification for repairs to Fielding & Platt oil engine, Bloxworth House Dorset . Schedule of repairs to steam locomotive for Somerset and Dorset Railway, Washford . Survey of Robey Boiler for Museum of English Rural Life, Stowmarket . Advice on replication on horizontal trunk engines for HMS Warrior for the Ships Preservation Trust. Condition assessment, preparation of proposals for re-activation of an "A" frame steam winder for Beamish Museum . (Engine and boiler are still in use).