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18th Hole, The Twenty Ten Course, Celtic Manor



MJ Abbott Limited has rightly earned its reputation as the UK's leading golf construction company. However, there is much more to MJ Abbott than golf, and this brochure aims to illustrate the diverse range of services we offer and our expertise and experience in many different fields.

Company profile

MJ Abbott Limited was established in 1965 and has grown steadily to become one of the UK's leading specialist contractors. Originating in the Wessex region, the company has carefully developed its expertise in a wide range of products and services and now operates throughout the UK and Europe.

Over the years we have expanded our service portfolio to incorporate golf course construction, reconstruction and remodelling, sports facility construction, irrigation, water management, land drainage, water and wastewater engineering, landscaping, civil engineering, and a number of other specialist services.

These activities are all carried out in-house by our highly skilled and dedicated personnel to provide our customers with high quality facilities and systems at competitive prices.

Quality, safety & depth of resources

Our total commitment to quality is backed by our considerable investment in people and infrastructure. Our experienced and dedicated management team is hands-on throughout all projects, working closely with our workforce of over a hundred highly skilled, trained and motivated people. Working safely is of paramount importance to us.

We have one of the largest privately owned specialist plant and machinery fleets in the UK and our 22,000m² premises has 1,200m² of purpose-designed buildings which house offices, stores and a trade counter facility. Separate workshops have been built to facilitate the in-house development and manufacture of specialist machinery and maintenance of all our plant and vehicles.

Company philosophy

MJ Abbott aims to provide facilities, systems and services of the highest possible quality and to deliver all projects effectively, on programme and within budget. Our customers can expect minimal disruption while we carry out our work, with first class reinstatement of any disturbed areas. We aim to establish and maintain long-lasting relationships with all our customers.

By selecting MJ Abbott to carry out your project you can be assured of the highest quality, responsive and attentive customer service, and excellent value for money.

Fabrication workshop



Maintenance workshop



Volvo low loader



Trade counter



MJ Abbott's premises at Dinton

MJ Abbott are the UK's leading golf construction experts. From re-shaping a bunker through reconstructing a green to building a new 18 hole golf course on a greenfield site, our expertise, experience and depth of resources is second to none.



18th Hole, West Course, Wentworth

Golf course construction

MJ Abbott offers an unrivalled service for all aspects of golf construction. All work is carried out in-house by our own personnel and specialist machinery. Experienced project managers and shapers are supported by a dedicated hands-on senior management team committed to ensuring the success of your project, whatever the scope or resources required.

Using just one contractor to carry out all the operations associated with building a golf course has significant advantages for the customer. It removes the requirement to manage the interface between multiple contractors, ensuring that the conflicts which inevitably arise when employing several contractors are avoided. This results in a project which runs smoothly, and on-site changes requested by the customer or golf course architect are more easily accommodated.

Drainage

Either as part of a golf construction project or as a stand-alone scheme, we can design and install an effective drainage system to suit the requirements of the existing ground conditions and your budget.

Irrigation

We are flexible in our approach to the design of irrigation systems, and are happy to provide a complete design service or to work with your own consultant.

Our installation teams are trained in other disciplines such as construction and drainage, and are therefore cost effective on a project where the programme dictates phased installations.

Golf course reconstruction & remodelling

Our flexibility and commitment to quality extends to the reconstruction of existing golf courses, greens, tees, bunker complexes and individual bunkers. We are happy to consider any project, whatever the scope, and we will work closely with your architect or consultant to achieve the desired result.



Close House, Colt Course



Caterpillar D6N dozer



4th Hole, Rockliffe Hall



Fairmont St Andrews, Torrance Course

MJ Abbott are experts in the construction of natural and artificial sports facilities. We undertake projects ranging from renovation of a single pitch to construction of large sports complexes, for customers in both the private and public sectors.

Natural turf pitch construction

With the combined skills of fine turf construction, drainage, irrigation and finishing works we are able to offer a complete sports turf contracting service. We undertake a wide variety of projects from bowling greens, cricket and athletics to winter sports and racecourses, ranging from single pitch schemes to multi facility sports complexes.

Artificial sports surfaces

Whether as part of a larger scheme or as a stand-alone project, MJ Abbott can offer all aspects of artificial pitch construction for hockey, football, rugby, athletics, indoor and outdoor tennis, or for multi-use games areas (MUGAs). We can assist in all aspects from planning and design through to construction and maintenance. We can also provide associated services such as floodlighting, fencing and hard & soft landscaping.

Sports turf drainage & irrigation systems

We have extensive experience in designing and installing drainage and irrigation systems for all sports turf applications.

We operate a substantial fleet of specialist drainage machinery, much of which has been manufactured or adapted by our engineers to achieve an efficient and clean installation in all types of ground conditions.

We install and maintain irrigation systems ranging from manual hose watering points to fully automated and computer-controlled pop up sprinkler systems which can be remotely controlled and supported to ensure maximum client confidence.

Maintenance & renovation of pitches

Following the construction of natural turf and artificial pitches, we offer a service to bring the facility into play and for on-going maintenance operations. Many of our staff have a groundsmanship or greenkeeping background to enable us to provide a fully experienced back-up service. We also offer a full renovation service for worn out pitches.



Parc y Scarlets



Merchants' Academy, Bristol



Molineux Stadium, Wolverhampton Wanderers FC



Racing at Ffos Las

Koro Topmaker at Stevenage FC Training Ground



Farleigh House, Bath Rugby

MJ Abbott has been a leading player in the UK irrigation market for many years. We have unsurpassed expertise and experience in designing, installing and maintaining irrigation systems for golf, sports and landscape applications.

Irrigation system design & technical specification

We take pride in providing the highest quality irrigation systems. We are flexible in our approach to system design and we are happy to provide a complete design service or to work with your own consultant. We offer a full CAD design service, incorporating comprehensive site assessments.

Our irrigation systems incorporate tried and tested technology for water efficiency and system control, such as automatic weather stations and radio remote control systems.

Rather than buying off-the-shelf, we prefer to design and manufacture our pump stations in-house to ensure they are precisely matched to the requirements of the customer's site. All our pump stations incorporate automated alert systems to notify key customer personnel of system malfunctions.

Installation & problem solving

Installation is carried out by our experienced teams using our unrivalled fleet of specialist machinery. Great care is taken to minimise the impact of the installation and to ensure that reinstatement is carried out to the highest standards.

We are pro-active and we pride ourselves on our ability to offer realistic and effective solutions to any unforeseen problems that may arise during the installation.

System maintenance & service contracts

We offer a prompt and efficient maintenance service ensuring the reliability and longevity of every irrigation system that we install. We have a team of fully experienced mobile service engineers based throughout the country in order to provide a prompt customer support service.

Maintenance can be arranged via an annual service contract or on a pay-as-you-go basis. We also offer technical support via remote connection to the on-site control system PC. We stock a comprehensive range of spare parts in our stores for same-day dispatch.

Water storage reservoirs

We provide a full design and construction service for water storage reservoirs, for irrigation and for other applications, taking account of the site conditions and the need for aeration to alleviate water quality problems.

Irrigation installation at Royal Liverpool Golf Club



Fairways installation at Royal Portrush Golf Club



The Belfry, Brabazon Course



Bespoke pump station for Verulam Golf Club



Sprinkler testing

Water feature at the 18th Hole, The Twenty Ten Course, Celtic Manor



Water is an increasingly precious resource, and MJ Abbott are experts in water management. We can provide solutions for water storage, rainwater harvesting, stormwater attenuation, water distribution and water treatment.

Water management

Water conservation has become an important issue in the UK, and there is pressure to demonstrate that water is being used efficiently and responsibly. Collecting excess water during wet periods for use in drier times is now an economically viable proposition in many situations.

MJ Abbott can assist in the design and installation of systems to collect surface water runoff and excess groundwater, channelling this into piped drainage systems feeding into water storage reservoirs.

Reservoir construction & refurbishment

We provide a full design and construction service for both above and below ground reservoirs for potable and non-potable use, ranging from polyethylene tanks of 1,000 litres through precast concrete tanks holding in excess of 300m³ to lined open reservoirs for irrigation water storage.

We also provide reservoir refurbishment services which help prolong the life of existing structures and ensure compliance with statutory requirements.

Rainwater harvesting & stormwater attenuation

MJ Abbott offers a wide range of rainwater harvesting systems for commercial and domestic applications. We can supply only or provide a full design and installation service.

We can also assist in the design and installation of stormwater attenuation systems such as underground crate systems and flow control valves to regulate the rate of discharge into drainage outfalls and watercourses to prevent flooding in storm conditions.

Water distribution systems & water treatment

We design, manufacture and install pumping systems and water distribution networks for many applications. We retain our own electrical and fabrication engineers for the in-house manufacture of packaged pump stations and associated electrical control systems. We have a fleet of specialised machinery for the installation of water distribution pipes.

We offer a range of water treatment systems for disinfection, water softening, nitrate and iron removal and pH correction.

Installation of suction pipe at Close House



Construction of water feature at the 18th, West Course, Wentworth



Completed water feature at the 18th, West Course, Wentworth



Construction of irrigation water storage tank at Gullane Golf Club



Irrigation water storage reservoir, Burhill Golf Club



From historic roots in the agricultural sector, MJ Abbott has become one of the leading land drainage contractors in the UK. We have extensive experience in designing and installing land drainage systems for all applications and environments.

Land drainage design & installation

Good drainage is critical to successful plant growth, whether in the golf, sports, landscape or agricultural environment. Either as part of a construction project or as a stand-alone scheme, MJ Abbott can design and install an effective drainage system to suit the requirements of the existing ground conditions and your budget.

Primary drainage systems

Primary piped land drainage systems form the infrastructure for any subsequent secondary systems by removing ground water through a network of pipes to an outfall.

We offer a full land drainage design service, taking account of factors such as soil type, topography and available outfalls.

System installation is carried out utilising specialist trenching machinery guided by laser level controls. Continuous chain or spinning wheel trenchers are utilised depending on the ground conditions and drain depth requirements. Both trencher types are fitted with soil loading conveyors and low ground pressure tracks or tyres to minimise compaction.

Secondary drainage

Secondary drainage systems intercept surface water and convey it rapidly to the lateral drains of the primary system. This ensures that playing surfaces are usable as soon as possible following heavy rainfall.

Typical secondary drainage operations include sand slitting, gravel/lytag/sand banding and ground breaking. We have developed our own specialist equipment to carry out all of these operations, as well as subsurface aeration and sand top dressing. All equipment is fitted with low ground pressure tyres to ensure minimal compaction to playing surfaces.

Land drainage for agriculture & pipelines

We are very experienced in installing agricultural land drainage, both primary systems and secondary moling and subsoiling operations. We also carry out ditch clearance and construct outfall structures. We have carried out a number of pre- and post-construction drainage schemes in conjunction with the installation of pipelines.



Greens drainage at Ferndown Golf Club



Secondary drainage with Sandmaster



Wheel trencher at Close House



Fairway drainage, Golf de St Julien, Normandy

Mastenbroek trencher



Our environment is important and precious, and MJ Abbott are experts in shaping the environment. We offer a complete landscaping service, from the creation of a private garden to the construction of a large country park.



Edenbrook Country Park site plan

Landscaping

MJ Abbott's extensive skills transfer seamlessly from golf and sports turf construction, drainage and water management to soft and hard landscaping. We work closely with you and your consultants to design and engineer your landscaping project. Our practical approach and significant resources ensure that we are able to work in the most challenging of site conditions.

Environmental works

MJ Abbott offers a comprehensive service for all types of environmental work. Our experienced project managers supported by skilled in-house personnel and specialist machinery are able to provide a sensitive approach to any project. We have relationships with specialist environmental and ecological consultants whom we can call on for advice.

We specialise in country park and nature reserve creation, expansion and improvement. Our expertise encompasses natural habitats, wetlands, reed beds, meadow areas, drainage water management including attenuation, bird hides and boardwalks, translocation of valuable plant species and grassland regeneration.

Ponds, lakes & reservoirs

We offer a complete design and construction service, from small private ornamental ponds to large water storage reservoirs. We carry out cut and fill earthworks, water abstraction and infill solutions, aeration, lake lining and underliner drainage; construction of bridges, weirs, overflows, spillways, jetties and decorative pond edging; and dredging, pond clearance and pond re-establishment.

Hard & soft landscaping & landscape engineering

MJ Abbott are experts in hard and soft landscaping and engineering structures for landscape applications. Our range of specialist services includes: play parks and trim trails; reinforced grass areas, car parks and access roads, cycle paths and footpaths; all types of fencing; storm drainage management including feature ditching; brickwork, stonework and paving; feature and utility lighting; private and public garden work; tree and shrub planting; and earthworks, topsoil respread, cultivations, seeding, and turfing.

Wetland habitat



Path construction



Boardwalk at Edenbrook Country Park



Grass reinforced car park at Chafyn Grove School



Shaping wetlands

MJ Abbott provides water engineering services to hundreds of customers in the south and south-west of the UK. We are experts in boreholes, wells, pumps and pump controls, private water supply systems, leak detection and water treatment systems.



Borehole drilling

Private water supplies

MJ Abbott has a wealth of experience in the design and installation of private water supplies utilising groundwater sources. We offer the full service from initial customer enquiry to complete turnkey water supply system.

Borehole feasibility & drilling

We work closely with hydrogeologists to analyse the geology below each individual site. We can ascertain the probability of obtaining groundwater, and at what depth to drill. This information is also used to determine the borehole construction specification.

Following completion of a borehole we design and install the appropriate pumping system to extract the water in the most efficient and economical way. We can also provide equipment for water treatment and carry out any electrical work necessary to complete the installation.

Other sources & water treatment

We offer solutions for stream and spring water abstractions, or rainwater harvesting, if the options for borehole drilling are limited.

We work with independent laboratories to ensure the water is of potable quality or to devise an appropriate solution for water treatment. We offer a range of water treatment systems for filtration, ultraviolet treatment, chlorination, hardness removal, pH correction, activated carbon filtration, nitrate removal, and iron, manganese and hydrogen sulphide removal.

Pumps & electrical controls

We are experts in pumps for all water, wastewater, drainage and sewage applications. We use the latest pump control technology to maximise performance while minimising energy consumption. All controls are designed and installed by our in-house NICEIC registered engineers. We also offer solar and wind powered systems for customers wanting to use renewable energy sources.

Water supply networks

MJ Abbott offers a complete installation and repair service, from attending to a water leak to installing an entire network for a private estate, reservoir refurbishment and pipework replacement. We operate a large fleet of specialist equipment: trenchers, rockwheels, non-tension mole ploughs and impact moles for crossing private and public roads. We also specialise in leak detection and pipe location, pressure testing and chlorination.

Pipe installation by winch drawn non-tension mole plough



Pump installation at Leckford Estate



Solar powered pumps



Chlorine dosing pump installation



Installation of sewage treatment plant

Over many years, MJ Abbott has built up extensive experience in specialised civil engineering works for a wide range of customers and applications. We are experts in the installation of utility services, sewage treatment plants and sewage pumping stations.

Civil engineering & groundworks

With an unparalleled fleet of specialist machinery, experienced project managers and highly skilled in-house personnel, MJ Abbott offers a number of specialised civil engineering services: infrastructure works; storm water drainage and attenuation; rainwater harvesting, storage and re-use; ground dewatering, trench support and excavation stabilisation; concrete formwork, bases and below ground tank and reservoir construction; roadways sub-base construction and tarmac surfacing; car park construction; and kerbing and paving.

Utility installation & trenching

We are able to install underground services by a number of methods utilising our specialist machinery and equipment: vibrating or non-tension mole ploughs and open trenching by chain trencher, spinning wheel trencher or excavator, depending on the ground conditions and requirements for reinstatement. We can install electric cable, water mains, foul drainage, storm drainage, and ducting for telecommunications.

For road crossings, we have impact moling machines which enable installation of a duct for pipes or cables without disturbing the road surface. Our engineers have the necessary Streetworks Operator and Supervisor qualifications for carrying out works in or across the public highway.

Agricultural civil engineering

MJ Abbott has deep roots in agriculture, and we offer a number of civil engineering services to our customers in the agricultural sector: design and construction of slurry stores and systems for management of farm waste; site excavations and groundworks for grain stores and other structures; and construction and renovation of farm roads and tracks.

Wastewater & sewage treatment

We offer a full range of solutions for wastewater handling and sewage treatment. We design, supply and install packaged pump stations for applications where a gravity sewage system is not feasible and it is necessary to pump sewage to the public sewer.

We can provide a range of options for sewage treatment, with plants ranging in size from small domestic applications to systems for much larger populations such as schools and nursing homes. We can supply only, or offer a full service from initial design to installation and commissioning by our in-house experts. We also offer service contracts in accordance with manufacturers' recommendations to maximise the working life of every installation.

Construction of reservoir at Worplesdon Golf Club



Stormwater attenuation crate system



Tank installation at Farleigh House



Installation of electric cable



Installation of culvert

MJ Abbott offers a range of specialist services which complement our other activities. We offer an extensive range of electrical services, we specialise in electrical control systems, we offer surveying and planning services, and we hire out specialist plant.



Surveying

Electrical services

MJ Abbott Limited is an NICEIC registered electrical contractor and our team of electrical engineers undertake a wide range of electrical work, including design, installation, maintenance and testing.

We offer a full commercial and industrial electrical service, ranging from electrical fault finding to the installation and maintenance of electrical installations for commercial, industrial and agricultural premises.

To enable us to work on electrical installations at domestic premises, we are also registered as full scope installers under the NICEIC Domestic Installer Scheme. Any domestic work completed is carried out within the scope of Part P of the Building Regulations. We can also carry out the periodic inspection and testing of fixed wiring installations to BS7671.

Electrical control systems

We design and build bespoke control panels for many water-related applications including clean water and sewage pumps, water features, and for the hire fleets of national pump hire companies. Our engineers have extensive experience in telemetry systems which can be used to monitor remote unmanned equipment such as sewage pump stations and water reservoirs, and raise the alarm if a fault occurs.

Surveying & planning applications

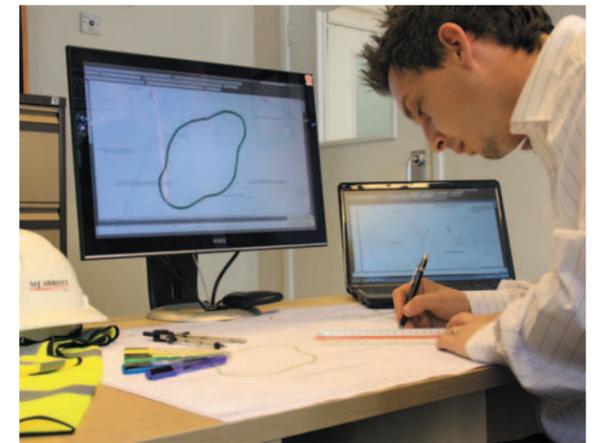
Our expert personnel use the latest satellite-assisted surveying equipment to carry out full 3D topographical surveys or simple 2D as-laid records. The technology integrates seamlessly with our design office software to produce plans which are accurate to the finest detail.

Our design office team can assist with planning applications and meeting other regulatory requirements.

Excavator & operated plant hire

We have a number of excavators for hire with highly skilled operators. Most of these excavators are fitted with Engcon swivel attachments for specialist ditching and shaping work. Other items of specialist plant are available for hire by arrangement.

Landscaping for a private client, Wiltshire



Design team



Hitachi excavator with Engcon attachment



Electrical control panel

sales & trade counter

MJ Abbott has a comprehensively stocked yard and trade counter at its base in central southern England, offering a vast range of products and materials to a wide variety of customers for collection, delivery on our own transport or direct from the manufacturer.



Dedicated sales team

Our dedicated sales team offer unrivalled customer service, technical advice and guidance on installation, along with very competitive prices on a huge range of products and materials for the agricultural, building and construction, civil engineering, sports and recreation, holiday and leisure, quarry, and landfill & recycling industries. We stock hundreds of products from leading manufacturers and our knowledgeable staff can assist in sourcing more specific bespoke products if required.

Trade counter, delivery or direct to you

You are welcome to collect your goods from our trade counter, or we deliver on our own transport or direct from the manufacturer – the choice is yours.

Order online at www.mjabbottdirect.co.uk

Our online store is available 24 hours a day. If you sign up for an account, you will see your own special prices when you log in, and you can manage your account online.

Amenity sales for golf & sports

We specialise in sourcing amenity products for our golf and sports customers. Use our buying power to get your construction and maintenance materials at the best prices.

Our comprehensive range of products includes primary and reclaimed aggregates, sands, rootzones and dressings, topsoil, pathway materials, bark and mulch, cricket loam, grass seed, fertiliser, natural and artificial turf, rock salt, golf course and sports ground equipment, landscaping materials, and tools. If you are looking for something unusual, we can source it for you.

Pump sales & service

We supply pumping equipment for irrigation, agriculture, building services, industrial and domestic applications. We hold direct accounts with a wide spectrum of pump manufacturers including Grundfos, Lowara, T-T, DAB, Flygt, ABS, Calpeda, KSB, Weda, Mono and Grindex. Selection advice is available from experienced technical sales staff via phone and email.

A same day emergency service is available to customers in the Wessex region, with next day response available to most other areas. We offer service contracts for any equipment requiring regular maintenance.

Product display area



Trade counter



Yard stock



Amenity sales for golf & sports



Pump sales

Thank you for taking the time to read our brochure.
We hope we have given you a flavour of the wide
range of services offered by MJ Abbott Limited. Please
consult our website for more information and to view
our large portfolio of completed projects.



MJABBOTT

The logo for MJABBOTT LIMITED features the company name in a white, serif, all-caps font. A thick red horizontal bar is positioned directly beneath the letters 'M', 'J', and 'A'. To the right of this bar, there are three small red squares stacked vertically. Below the red bar and squares, the word 'LIMITED' is written in a smaller, white, sans-serif, all-caps font.

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