DRAIN 247

A Trusted Family-Run Drainage Business in Watford

CCTV · JETTING · REPAIRS

Drainage. Done right. Any hour.

A trusted family-run drainage business in Watford —serving Hertfordshire, London, the East and South of England.

0208 387 5591

www.drain247.co.uk

1986	99.7%	60–90	24/7
Family-run since	Cleared first visit	Mins, local call-outs	Every day of the year

Emergency Unblocking

Toilets, sinks and manholes

Tanker Services

Vacuum plant and site PPM

CCTV Surveys

Footage and a written report

Architectural Mapping

Invert levels and CAD

Drain Lining

Patch, CIPP and UV

ANSWERED 24/ 7, 365 DAYS · NO CALL- OUT CHARGE · CLEARED ON FIRST VISIT · FULLY INSURED ENGINEERS

Family-Run From Hertfordshire Since 1986

Own plant, own engineers — van jetters, robotic CCTV crawlers and vacuum tankers from one yard in Watford.

When a drain fails, you need more than a van and a rod. You need a local contractor who tells you the price before they roll, sends the right plant, and leaves you with visual evidence of what was actually wrong.

Drain 247 is independent, family-run, and operates directly out of our yard at Clarendon Road in Watford. We don't sub-contract or hand off jobs. When you call us, our own trained engineers roll out in our own plant — from high-pressure van jetters and robotic CCTV crawlers to heavy-duty vacuum tankers.

From our Watford base we cover residential streets, commercial high streets, housing developments and municipal sites across Hertfordshire, Greater London, the East and the South of England. Night, Sunday and bank holiday calls cost the exact same as Tuesday morning. If a job isn't our responsibility, we will tell you straight away — including when the cost sits with Thames Water or your local utility provider rather than you.

WHO WE WORK FOR

Residential	Quick-response unblocking, buyer CCTV surveys, and no-dig driveway lining.
Architects & Structural Engineers	CAD-ready drain mapping, invert levels, and build-over surveys.
Builders & Developers	Pre- and post-site drainage inspections, mainline jetting, and robotic cutting.
Commercial & SMEs	Scheduled PPM contracts, grease traps, petrol interceptors, and shopfront clearance.
Local Authorities & Highways	MSCC5-coded reporting, heavy culvert cleaning, and structural rehabilitation.

1986
Family-run since

99.7%
Blockages cleared on first visit

60–90
Mins average response, local call-outs

24/7
Answered every day of the year

REACTIVE EMERGENCY

Blocked Drain? We Clear It. 24 Hours A Day.

Toilet backing up, kitchen sink gurgling, manhole full to the lid, or rainwater pooling across your patio — that requires an immediate clearance, not a survey pitch you didn't ask for.

A real person answers our phones at any hour of the day or night. We confirm the price and agree on an arrival time before an engineer sets off from our yard. There is no call-out fee, no doorstep price inflation, and weekend calls carry zero premium. Most local calls in Watford, St Albans, Hemel Hempstead, Barnet and North London are reached within 60 to 90 minutes.

SERVICE CALLOUTS

Inside The Property

Blocked WCs, overflowing showers, slow-draining sinks, and internal stack pipes cleared quickly and cleanly.

Outside & Manholes

Gully traps, ACO channels, rainwater pipes, and main inspection chambers cleared using high-pressure water jetting and electro-mechanical rotary equipment.

Commercial & Retail Units

Restaurants, cafés, offices and industrial units. If your site requires heavy silt or grease removal, state it on the call — we will deploy a full tanker unit rather than a standard jetting van.

Told me the price up front, and cleared a blockage two other firms had failed on. — **Rachel D., Rickmansworth**

Heavy Plant, Vacuum Tankers & Site PPM

Commercial facilities, hospitality venues and industrial estates demand heavy plant to keep operations running without downtime. Drain 247 operates high-capacity vacuum tankers, combination jetting units and specialised liquid waste extraction plant.

CORE COMMERCIAL CAPABILITIES

Interceptor & Grease Trap Servicing

Scheduled emptying, cleaning and maintenance of petrol/oil interceptors and commercial kitchen grease traps, to keep your site compliant with environmental water regulations.

Vacuum Silt & Waste Tankers

Bulk liquid waste extraction, deep manhole pumping, pump station clearance, and flood extraction from basements and car parks.

High-Volume Mainline Cleansing

High-PSI jetting for large-diameter culverts, municipal surface runs, and commercial drainage networks choked with heavy silt, scale or fatbergs.

Planned Preventive Maintenance

Tailored quarterly or bi-annual PPM contracts for site managers, commercial landlords, schools and retail parks — to prevent costly emergency closures.

A Camera Through The Pipe. Footage You Can Act On.

A CCTV drain survey is a precise inspection of pipe condition. We push high-definition camera units or launch self-propelled robotic crawlers through the line to record fractures, displaced joints, root intrusion, scale, fat accumulation and structural collapses — pinpointing exact depths and locations.

TAILORED SURVEY STANDARDS

Home Buyers & Remortgages

Plain-English inspection reports accompanied by full HD video footage and still images, accepted by mortgage lenders, solicitors and structural insurers.

Commercial & Local Authority

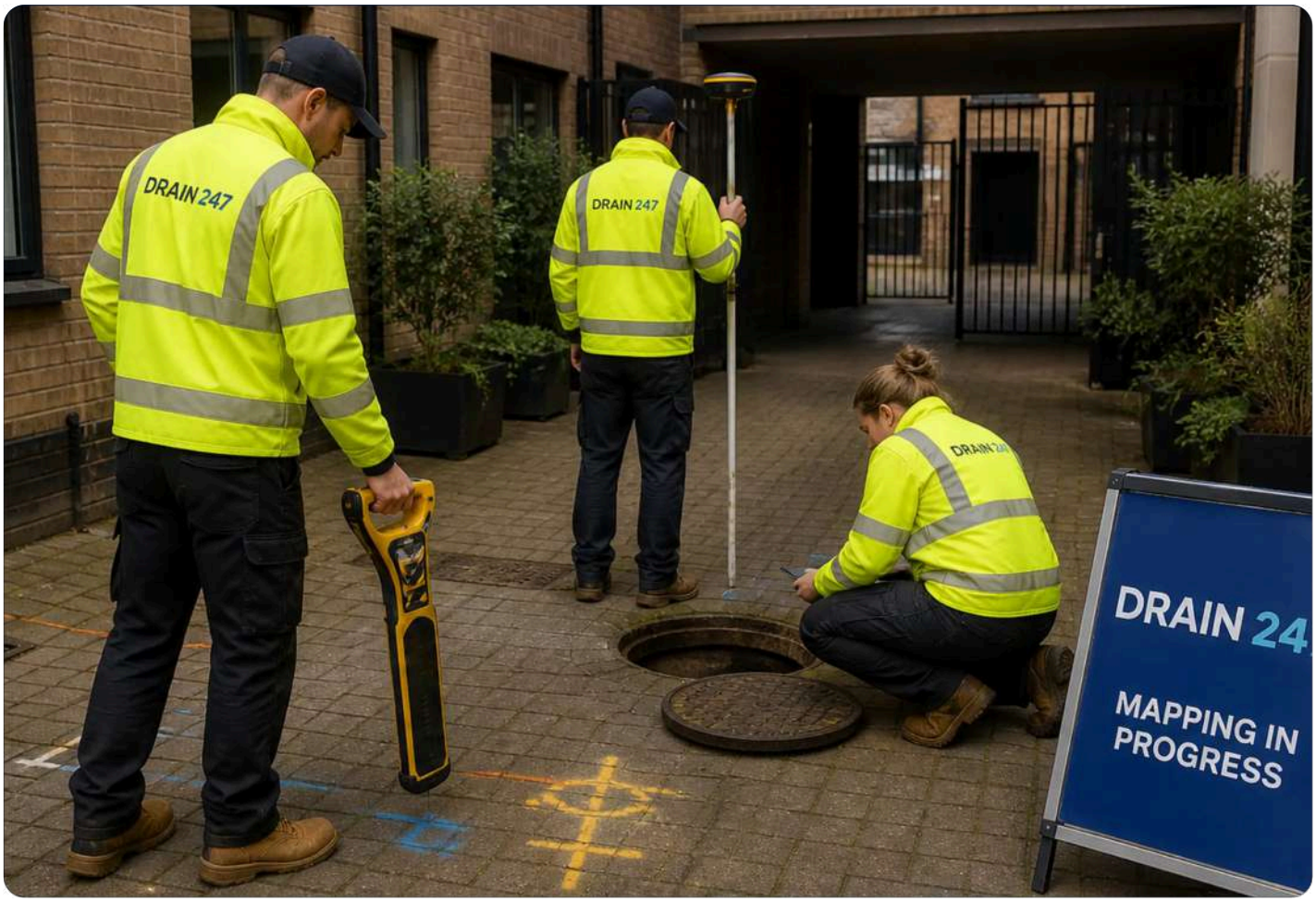
WRC-compliant, MSCC5-coded surveys using industry-standard WinCan software, delivering full defect scoring for local councils, highways and civil engineers.

Post-Blockage Investigation

Identifying whether a recurring blockage is caused by temporary debris or underlying structural damage that requires lining.

Important: CCTV condition surveys report pipe health. If your architect or engineer requires invert levels and CAD layout drawings for planning applications, see page 6 for Drain Mapping.

Drain Mapping, Sonde Tracing & Build-Over Surveys



Designing an extension, planning a commercial build, or submitting plans to local authorities and water companies (for example Thames Water) requires accurate underground site data. Drain247 provides complete subsurface mapping and sonde tracing to eliminate guesswork before ground is broken.

TECHNICAL DELIVERABLES

Build-Over Surveys

Pre-construction and post-construction CCTV surveys required for statutory water-authority approval when building within 3 metres of a public sewer.

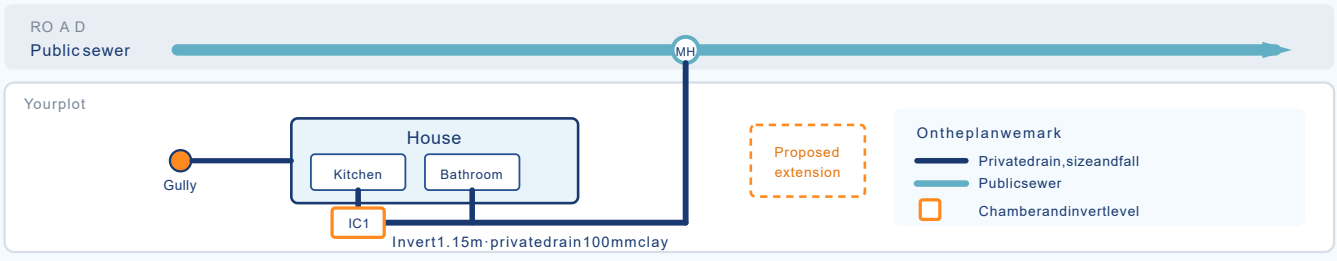
Precision Sonde Tracing

Electromagnetic sonde transmitters paired with surface locators to map precise pipe trajectories, depths, invert levels and direction of flow across your site.

CAD-Ready Site Drawings

Detailed schematic drawings showing pipe sizes, chamber locations, connectivity and fall gradients, suitable for structural engineers and architect submissions.

WHAT THE DRAWING SHOWS



Camera-confirmed drawings — not a guess from an old deed plan.

Patch, CIPP & UV Lining: A New Pipe Inside The Old One

Excavating driveways, patios or commercial access roads is expensive, noisy and disruptive. Drain 247 specialises in trenchless no-dig rehabilitation — installing a structural liner inside the damaged pipe that cures as hard as steel, restoring full flow capacity without digging up your property.

LINING TECHNOLOGIES

Localised Patch Lining

A targeted fibreglass sleeve positioned directly over an isolated crack, root break or leaking joint, installed via a manhole.

Full-Length CIPP

Continuous cured-in-place lining throughout an entire failing drain run, creating a seamless joint-free pipe inside the host line.

Rapid UV Lining

Ultra-fast ultraviolet light curing for commercial and larger-bore runs where minimal downtime on site is required.

15 years All Drain 247 patch, CIPP and UV lining works carry a full 15-year structural guarantee.

Send a survey report if you have one — we quote from the footage, not a look down a manhole.

Robotic Root Cutting & Gully Replacement

When roots have locked the bore, or a gully at the side of the house has dropped, a standard jetter will not put it right. We cut the roots with robotic tooling, or excavate and replace the pot.

SPECIALISED CAPABILITIES

Robotic Root & Concrete Milling

High-powered air-driven and hydraulic robotic cutters that slice through dense taproots, hardened concrete intrusion and failed liners prior to lining.

Pitch Fibre Re-Rounding

Restoring misshapen or collapsed pitch fibre pipes back to a round profile using expanding re-rounding heads, before installing a full structural liner.

Gully Replacement

A dropped, cracked or disconnected gully at the side of the house. The old pot comes out, a new one goes in, and the run is reconnected. A liner cannot reset a broken gully.

Real Projects, Proven Results

CASE STUDY 01

No-Dig Commercial Yard Rehabilitation

Commercial logistics park, Hertfordshire

ISSUE

150 m of main surface line failing due to heavy root intrusion and cracked joints under constant HGV traffic. Traditional excavation estimated at £45k with two weeks of site closure.

SOLUTION

Robotic cutters milled out the root masses, then a continuous CIPP liner was installed over a weekend, working from the existing chambers.

PLANT

Own robotic cutters, lining rig and CCTV crawler from the Watford yard. No open-cut trench across the yard, and no hired-in crew.

ON COMPLETION

Footage of the finished bore, a plain-English report, and the 15-year structural guarantee on the liner.

RESULT

Site remained fully operational on Monday morning. HGV traffic through the yard was not interrupted. The client saved over 60% compared with open-cut excavation.

CASE STUDY 02

Culvert Cleaning And Culvert Inspection Solution

Local authority / highways department

ISSUE

Severe flood risk on a main route, caused by a heavily silted culvert and collapsed debris. Standing water was already rising against the carriageway.

SOLUTION

A high-volume vacuum tanker and combination jetting unit dispatched within 60 minutes of call-out, with a crew from the Watford yard rather than a sub-contracted tanker.

PLANT

Combination jetter to break the silt, vacuum tanker to take the debris and standing water. Own plant, so the right vehicle left the yard first time.

ON COMPLETION

Culvert running, water levels back within safe limits, and a written record of the clearance for the highways file.

RESULT

Culvert cleared and water levels restored to safe limits within four hours.

Own plant from the Watford yard — the right vehicle, not the nearest sub-contractor.

Drain Jetting For Recurring Blockages & Bad Smells

Domestic Van-Pack Jetting

If the same drain keeps blocking, or a smell keeps coming back after a quick rod, the pipe has not been cleaned. Grease, silt and scale sit in the invert and the next flush only moves them. We always recommend a proper jet clean on domestic properties, using our own van-pack units from the Watford yard.

JET CLEANING CAPABILITIES

Domestic Van-Pack Units

House drains, stacks and gullies are jet cleaned with our van-pack units. High-pressure water scours the full bore — not a hole poked through the blockage — so the smell and the repeat call-out go with it.

Recurring Blockages & Odours

Repeated backing-up, gurgling and persistent bad smells are the usual signs the invert is still dirty. A jet clean removes the grease, silt and scale that a rod cannot shift.

Commercial & Development

Larger pipes on commercial sites and new developments are cleaned with jet-vac tankers, not a house jetter. Combination units jet the line and vacuum the debris in the same visit.

Culverts Up To 1,000mm

The same jet-vac tankers clean culverts and large-diameter runs up to 1,000mm. Own plant from Clarendon Road, so the right vehicle leaves the yard first time.

Jet-Vac Tanker — Up To 1,000mm

HOW WE WORK

No Surprises From First Call To Finished Job

OUR 4-STEP PROCESS

1. **Call Us Direct**
   A real person answers 24/7. Describe the issue and we specify the exact vehicle and equipment required.

2. **Fixed Price Agreed**
   We confirm the total cost and arrival window before an engineer sets off. No hidden fees or doorstep changes.

3. **Diagnose & Clear**
   Our engineers use jetting, electro-mechanical tools, CCTV or tankers to resolve the root cause.

4. **You Get The Evidence**
   Video footage, photos and plain-English reports emailed directly to you upon completion.

ACCREDITATIONS & COMPLIANCE

CHAS · ISO 9001 & ISO 14001 · SSIP
Achilles BuildingConfidence · Constructionline Gold · NADC Member

TALK TO THE OFFICE

Need An Engineer Today?

Blocked drain, CCTV survey, mapping or a lining job — call now for a fixed price. The phone is answered 24 hours a day.

0208 387 5591

info@drain247.co.uk
www.drain247.co.uk

Drain 247 Ltd
44 Clarendon Road
Watford WD17 1JJ

ALL SERVICES

- Emergency Unblocking
- CCTV Drain Survey
- Drain Mapping
- Patch, CIPP & UV Lining
- Tanker & PPM
- Robotic Cutting
- Culvert Cleaning
- Gully Replacement

COVERAGE

Family-run from Clarendon Road, Watford. Hertfordshire, Greater London, the East and the South of England — own plant from the yard, not a hired tanker from whoever is closest.

HAVE THIS READY

The address, whether it is a house, shop or site, and what you can see — backing up, pooling, or a chamber full to the lid. If you already have a survey report, send it through and we will quote the visit you actually need.

24/7 Direct Line
A real person answers every hour of the year. Night, Sunday and bank holidays cost the same as Tuesday morning.

Open the website

Dial the office

Company no. 14971825 · Fully insured