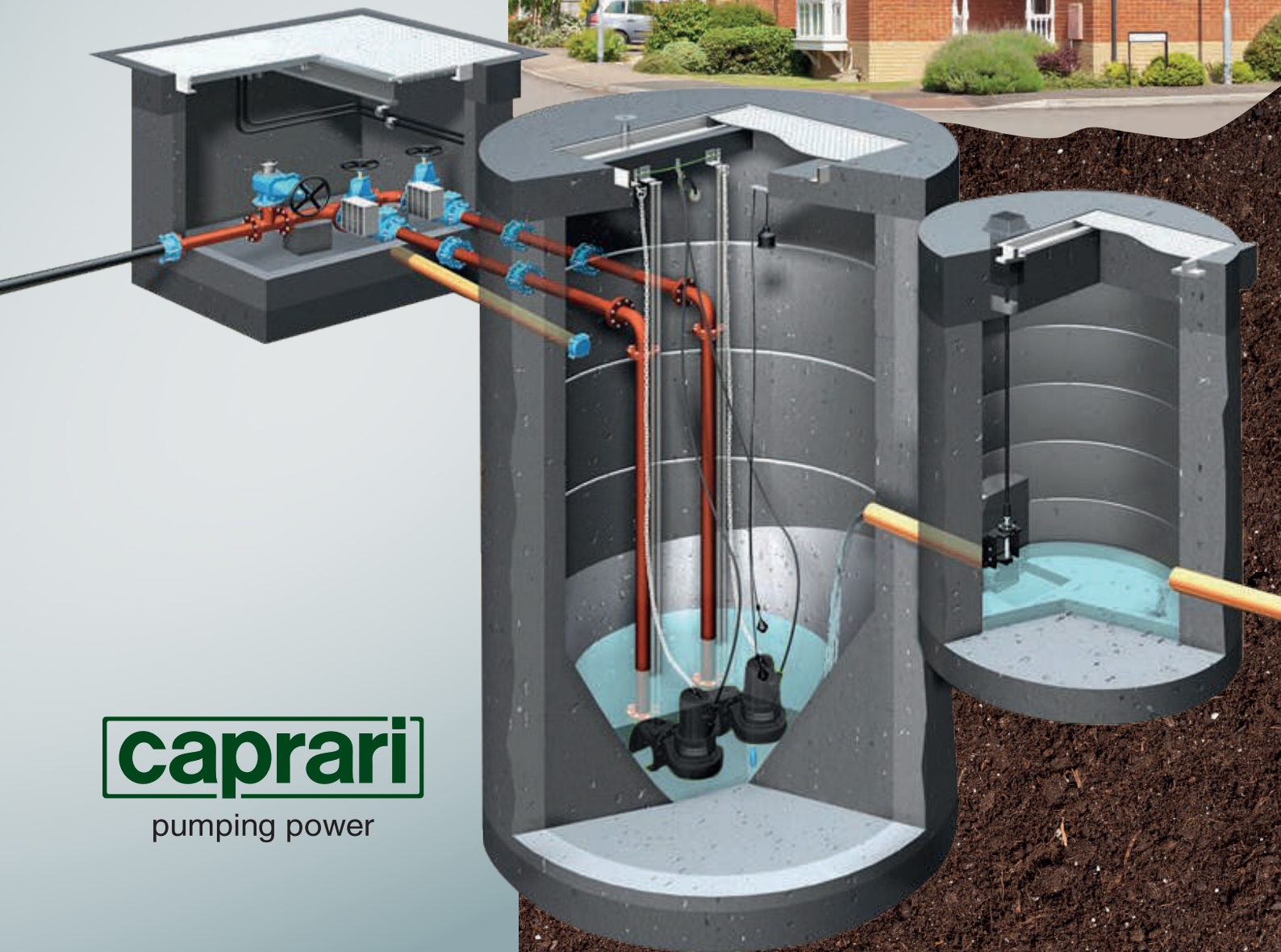


# SEWERS FOR ADOPTION PUMPING STATIONS



**caprari**

pumping power



## Perfectly adaptable to your needs

For housing developments, it is both practical and cost-effective to built a wastewater and sewage pumping station that can be «adopted» by the local water company – eliminating the developers’ responsibility for future maintenance and operating costs. Caprari is able to provide a reliable and cost-effective solution.

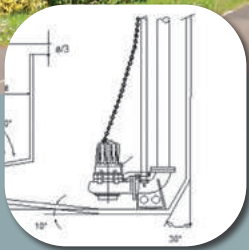
## What is Sewers for Adoption?

The basis of Sewers for Adoption is to ensure that the developer builds to a required standard and quality. To achieve “adoption” of a sewage pumping station, the specification, build and installation of the system would have to be compliant with Local Water Company specifications. Details of these specifications are found in the “Sewers for Adoption” guidelines, published by WRc plc, which is the standard set for the design and construction of sewers within England and Wales.

### IDEAL FOR

- CLEAN & WASTE WATER UTILITY
- FOOD
- COMMERCIAL & DOMESTIC
- HOSPITALS
- ROAD & RAIL
- POWER GENERATION
- OIL & GAS





## 1. Concept of Project

Caprari will be involved at this early stage to advise on the most effective way to position and construct the pumping station.



## 2. Quotation & Order

Caprari offers a competitively priced service that will meet with the Local Water Company's criteria, with no additional "hidden" costs. On receipt of an official instruction to proceed with the supply of the pumping equipment, the developer will receive an agreed programme of works.



## 3. Design to Sewers for Adoption standards

During the design process, Caprari will, if required, communicate with the Water Company and the developer's design team to ensure that all aspects of the pumping station are comprehensively covered.



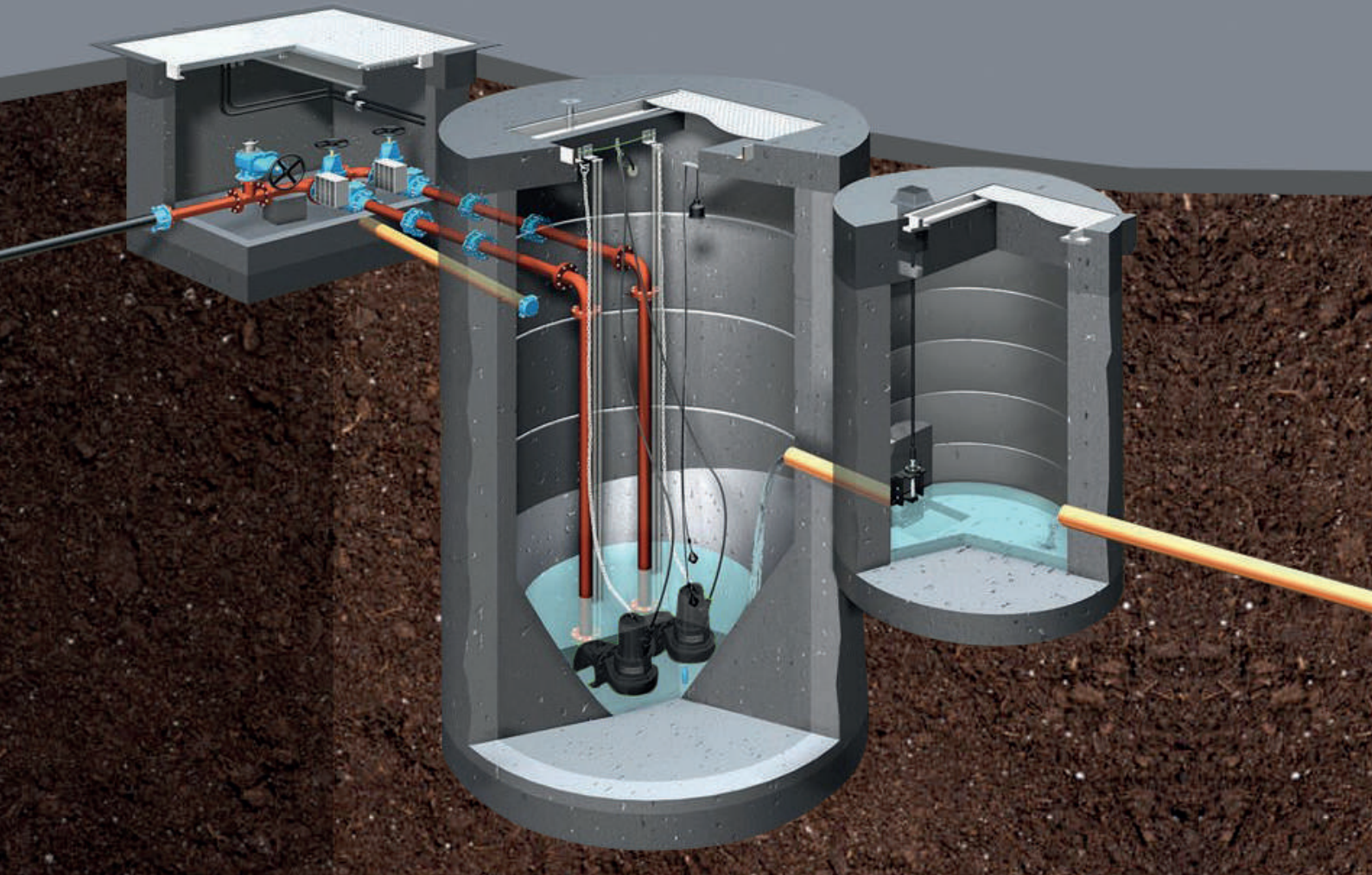
## 4. Equipment Manufacture

The final manufacturing stage will commence for the pumps, control system, pipe work, valves and ancillary equipment – a bespoke arrangement to your site's specific requirements.



## 5. Installation

All of Caprari's installation work is carried out by our own highly trained and skilled installation teams. A full installation report is left with the developer's site representative detailing any items which need attention related to the civil work.



# SEWERS FOR ADOPTION PUMP STATIONS

## THE SIMPLE, FAST SOLUTION

Caprari packaged pump stations are the ideal solution for raising waste water to a higher level. Where low-lying properties cannot drain by gravity, Caprari has the solution. The stations are delivered completely pre-assembled for easy, quick installation. The Caprari range includes units for all applications from a single domestic dwelling to a large industrial estate.

## CAPRARI PUMPS

Every pump station is equipped with Caprari robust and reliable submersible sewage pumps. The pump type is selected to best suit each individual application, including solids handling and macerator options.

## ROBUST CONSTRUCTION

The rugged, reinforced plastic chambers are pre-assembled with heavy-duty PVC, galvanised or flanged pipework and valves. Galvanised guide rails, lifting chains and access cover are incorporated for ease of pump removal and maintenance.

## AUTOMATIC CONTROLS

Fully integrated controls are provided, offering automatic control via a set of float switches which sense the liquid level. Pump overload protection and high level alarm come as standard.

## DESIGN

Although Caprari pump stations are individually designed to suit your needs, they are built from standard components for rapid delivery. Twin or single pump designs are available, for either 415/3/50 or 240/1/50 power.

## ONE STOP SOLUTION

Whilst Caprari package pump stations are complete and ready for immediate installation, a full range of options and accessories are available. We can also provide a site installation/set-up service.

# Why choose Caprari

- M&E INSTALLATION AND CONTRACTING
- PUMP REPAIRS, SERVICE, AND MAINTENANCE
- PUMPS INSTALLATION AND MAINTENANCE
- WATER / WASTEWATER TREATMENT INSTALLATION
- FABRICATION AND WELDING
- PREVENTATIVE SERVICE MAINTENANCE CONTRACTS

\* SUPPLY, INSTALLATION, COMMISSION & SERVICE



**24  
HOUR**

## Emergency call-out and break-down assistance

THROUGH A 24-HOUR  
TELEPHONE NUMBER

**07980 425866**

DIRECTED TO ONE OF OUR 'ON-CALL' ENGINEERS

## QUALITY & CERTIFICATIONS

Quality procedures are vital in every project and our total company activities.

**smas\***  
WORKSAFE



CSCS cards  
Confined Space  
18<sup>th</sup> Edition

ISO 9001  
ISO 14001  
ISO 45001  
BUREAU VERITAS  
Certification



## COVERAGE & SUPPORT

Nationwide coverage, throughout the UK.

Customer support and emergency helpline available 24/7. We offer our own breakdown, service and maintenance contracts – no-one knows your station better



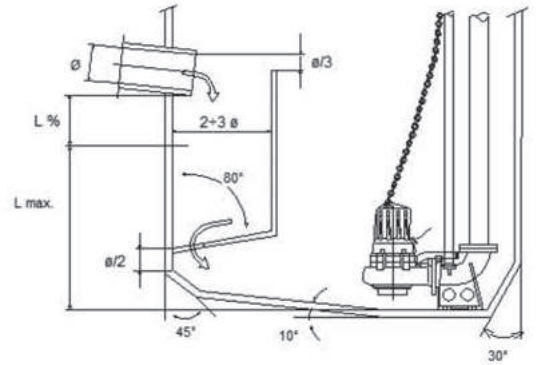
# Pumping Stations

Good Pumping System selection is critical to ensure that our customers enjoy optimum life and performance from their Pumping Station.

The selection process for a pumping system is complex and our trained engineers, with the aid of the latest computer systems are able to look at the best options for your specific application.

Some several hundred calculations are made for each selection to ensure that the pumping system selected has the optimum efficiency, reliability and compliances.

The following Questionnaire will help us make the best selection.



## Site Data Questionnaire

### Your Site Data

Site/Scheme Name

**A** Depth from ground level to inlet valve  mm

**B** Difference in level between inlet level and discharge into outfall chamber  mm

**B1** Highest point of Rising main (if higher than discharge of rising main)  mm

**C** Total distance from pump chamber to outfall chamber  metres

**C1** Total distance from pump chamber to high point of rising main  mm

**D** Rising main internal diameter (we can advise if required)

**F** Fluid to be pumped

Sewage  Other (please specify)

Drainage  Inflow Volume  l/s

Storm Water  Surface Area to be collected  m<sup>2</sup>

**G** Pumping capacity required  l/s

or:

Max number of occupants

or:

Number/type of property

**H** Electrical power supply available  230V  400V 3Ph (400V 3Ph required if Adoptable Station)

**I** Kiosk for control panel required  Yes  No ('Yes' if Adoptable Station)

If 'Yes', will the electricity meters be housed in kiosk?  Yes  No ('Yes' if Adoptable Station)

### Your Site Data

**J** Access covers loading ('Vehicle not highway' if Adoptable Station)  Pedestrian  Vehicle not highway  Road going highway rated

**K** Telemetry Monitoring ('Yes' if Adoptable Station)  Yes  No  If 'Yes', Landline  Mobile phone technology

**L** Will the pumping station be adopted  Yes  No

**M** If 'Yes', who is the adopting authority?

Other information

### Your Contact Details

Company Name

Name

Job Title

Address

Postcode

Tel

E-mail





pumping power



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**www.caprari.com**

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