



Beatties

Scope of works

Beatties were employed to carry out the M&E works for the new pumping station, that consists of 2 booster pump sets, water storage tank and associated controls.

Overview

To improve water resilience, a new pumping system, water storage tank and mains cold water supply will be used for to provide the fire hydrants. The old system was drawn from a local pond and used diesel pumps.

The mechanical package consisted of the following;

- New 90mm Blue PE80 Pipe to BS6572 (Protectaline) barrier pipe shall be connected to the existing 125mm PE buried mains water supply that feeds the new water tank.
- New above ground PVC pipework (2" to 6") and connections from water tank to booster pump set within the packaged plant room and existing hydrants supply.
- New water meter on inlet to water tank.
- Install Tanktronic 2" 'Servio Ceramic' Inflow Valve for tank fill and tank level switches.

Warsash Fire Training Centre

Mechanical & Electrical Installation

LOCATION:
Warsash

CLIENT:
RV Dart & Son

- Above ground pipework was insulated in Kingspan Kooltherm and finished in butyl rubber vapour seal with aluminium external casings.

The electrical package consisted of the following:

- Re-direct the existing 185mm 4 core into the new GRP enclosure.
- Installation of LV switchgear equipment.
- Power supplies to pump system control panel and local distribution board.
- Installation of trace heating to new pipework.
- New lighting and small power within GRP enclosure.

