

Sandra Edwards

From: Amanda Scholes on behalf of Planning.Responses
Sent: 09 August 2017 08:46
To: Planning Scanning
Subject: FW: BE/71/17/PL - Wickes, Bognor Drainage Scheme

From: Simon Davis
Sent: 08 August 2017 14:17
To: Planning.Responses
Subject: FW: BE/71/17/PL - Wickes, Bognor Drainage Scheme

Further Drainage Comments

From: Paul Cann
Sent: 08 August 2017 14:14
To: 'Tim Rainbird'; Simon Davis
Cc: Tom Woolner
Subject: RE: BE/71/17/PL - Wickes, Bognor Drainage Scheme

Hi Tim

Comments;

1. As the proposed connection is to manhole S9 on the Sainsbury's system, the proposed drainage layout plan needs to be amended accordingly, as the connection is currently shown to manhole S10.1. The rising main needs to discharge into a discharge chamber say min. 10m away from manhole S9, so that flows can dissipate as much as possible and reduce disruption to the main flow in the 450mm pipe. The gravity length of pipe between S9 and the discharge chamber should be laid at a minimal gradient but still achieve self-cleansing velocity. Please amend the drawings/construction details accordingly.
2. Please specify as to the arrangement in case of an alarm ie. are text messages automatically sent to nominated persons, etc/flashing beacon on station?

Regards

Paul Cann
Senior Engineer (Drainage & Coastal)

Paul Cann | Senior Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

Internal: 37819 | External: +44 (0) 1903 737819 | Fax: +44 (0) 1903 716019 | E-mail: Paul.Cann@arun.gov.uk

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Save the environment - think before you print.

From: Tim Rainbird [REDACTED]
Sent: 01 August 2017 12:12
To: Paul Cann; Simon Davis
Cc: Tom Woolner
Subject: RE: BE/71/17/PL - Wickes, Bognor Drainage Scheme

Dear Paul,

We can respond to your email with the details below and attached.

1. Full construction details of the pumping station and rising main. This will also need to include pipe bedding details, thrust block details and discharge chamber details.

Typical details are on the attached drawing 15-112/500

2. Malfunction alarm details for the pumping station.

Details of the alarm are covered under 'Service in case of alarm' section of attached 'Installation, Operation, and Maintenance Manual'

3. Pump manufacturers design/spec.

See attached current design/spec '17-SALSHQ-00678.PDF' from Xylem

4. A maintenance plan for the future operation/maintenance of the pumping station.

Refer to 15-112R_05 'Maintenance and Periodic Inspection of Below Ground Drainage and Ancillary Items' in conjunction with 'Installation, Operation, and Maintenance Manual'

5. It is important that the pipework configuration is considered carefully within the discharge chamber to ensure the smooth transition of flows. This will need to be detailed.

The current discharge point is labelled as manhole S9 on the attached 'as built' drawing from the adjacent Sainsburys development. Specific details of this chamber is unknown although those of upstream chambers S10.1 and S10 are. Hence levels will be confirmed to the pump supplier when the contractor orders the pump.

I trust this information is sufficient, but please do not hesitate to contact me if you need anything further.

Regards,

Tim



Tim Rainbird
Director
tim.rainbird@quod.com

Main: 020 3597 1000
Mobile: 07834451539
Direct: 020 3597 1009
www.quod.com

Ingeni Building
17 Broadwick Street
London
W1F 0AX

