from Southern Water

Planning Services
Adur and Worthing Councils
Portland House
Richmond Road
Worthing
West Sussex
BN11 1LF

Your ref
AWDM/1797/21

Our ref
DSA000007480

Date
21/01/2021

Contact
Tel 0330 303 0119

Dear Sir/Madam,

**Proposal:** Approval of Details Reserved by Condition 6 (Public Sewer Protection Measures) of application AWDM/1420/21.
**Site:** AWDM/1797/21: - 57 – 60, Dolphin Road, Shoreham-By-Sea, West Sussex, BN43 6PB.

Further to our previous response dated 17/11/2021. Please find the below comments with regards to recent communication concerning the above development.

Southern Water have no objections to discharge condition 06 relating to Public Sewer Protection Measures.

However, given that the pile diameter is comparatively small, and our pipes/tank are comparatively shallow relative to the piles, we recommend that the works should only go ahead with the following controls in place.

1. Developer to confirm in writing prior to the start of the works that pile installation will be controlled to within a plan tolerance of 50mm. This is because section 04-04 on sketch 4477 - SK - 02 P2 shows the edge of the 300m diameter pile will be 490mm from the toe of our tank, and we need to be confident that the piles won't punch through the toe of the tank.

2. Auger boring operations must be controlled to ensure the peak particle velocity at the face of our assets does not exceed 10mm/s. This is in line with guidance of other water companies such as Thames Water.

3. The developer shall ensure that pipes are not subjected to strain and angular rotation of joints in excess of the values on the attached PDF guide.



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4. Post-installation CCTV surveys of the pipes and tank to verify there has been no damage/settlement.

    1) Firstly, timed within 1 week of pile installation, and.

    2) A second survey 6 months timed after the completion of the developer's works.

5. The developer has already acknowledged that they will be liable for any damage to our assets.

For further advice, please contact Southern Water, Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX (Tel: 0330 303 0119).

Website: southernwater.co.uk or by email at: SouthernWaterPlanning@southernwater.co.uk

Your faithfully,

Growth Planning Team
**Business Channels**

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