

CORNWALL DRAINS LTD

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Account Address:

Date: 28th January 2025

Penzance Council

Contact: Anna Renton.

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Email: arenton@penleehouse.org.uk

Site Address:

Penlee House Gallery & Museum
Morrab Road
Penzance
Cornwall TR18 4HE.

Dear Sir/Madam

As requested, we have attended the above address & facilitated a CCTV survey of the sections of foul water drainage system where accessible & outline our findings below.

Manhole CWMH01 downstream to CWMH02.

The combined drain is constructed from 100mm diameter Clay pipe & the depth of manhole chamber is approximately 0.34mtrs.

Fouling was present during the CCTV survey which slightly obscured our vision however we have identified that damage is evident throughout this section of combined drain including the half channel within CWMH02 & the CCTV survey was terminated at manhole chamber CWMH02 which is located at approximately 7.60mtrs downstream from manhole chamber CWMH01.

Manhole CWMH02 downstream to Main Sewer.

The combined drain is constructed from 100mm diameter Clay pipe & the depth of manhole chamber is approximately 0.84mtrs.

Fouling was present during the CCTV survey which slightly obscured our vision however we have identified that damage & root ingress is evident with this section of combined drain & the CCTV survey was terminated at the main sewer which is located at approximately 8.60mtrs downstream from manhole chamber CWMH02.

Manhole CWMH03 in yard upstream to Gully.

The combined drain is constructed from 110mm diameter UPVC Plastic, 100mm & 75mm diameter Clay pipe, the depth of manhole chamber is approximately 0.52mtrs & the invert level of the drain serving the Gully at the inlet into the manhole chamber is approximately 0.42mtrs.

Fouling was present during the CCTV survey which slightly obscured our vision however we have identified open & pulled joints are present at approximately 1.40mtrs & at 1.70mtrs upstream, the drain changes material to 100mm diameter Clay at approximately 1.70mtrs & reduces in diameter to 75mm Clay at approximately 2.120mtrs upstream from the manhole chamber, debris are evident & the CCTV survey was abandoned at approximately 7.30mtrs upstream from manhole chamber CWMH03 as we were unable to pass beyond this point.

Manhole CWMH03 downstream to CWMH04 (main sewer in carpark).

The combined drain is constructed from 110mm diameter UPVC Plastic pipe & the depth of manhole chamber CWMH03 is approximately 0.52mtrs.

Fouling & severe debris were both present during the CCTV survey which slightly obscured our vision however no visible structural damage was evident within this section of combined drain during the CCTV survey that was terminated at manhole chamber CWMH02 which is located on the main sewer within the carpark at approximately 29.60mtrs downstream from manhole chamber CWMH03.

If you have any questions or require additional information, please do not hesitate to contact me at the above address.

Yours sincerely

G. J. Tonkin (company director)
CORNWALL DRAINS LTD