



CEMETERY INVESTIGATIONS REPORT – TEST TRIALS REPORT

SOUTH AYRSHIRE COUNCIL

AYR CEMETERY, HOLMSTON ROAD, AYR, KA7 3BE

CS&P REFERENCE: 9200

DATE:12/08/2022

INNOVATION IN THOUGHT AND STRUCTURE



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Test Trials Report

Charles Scott & Partners were commissioned to inspect the site following reports of water ingress within the burial chambers at Ayr Cemetery. Our brief was to provide Engineering Advice relating to potential water ingress issues within the concrete chambers on the eastern side of Ayr Cemetery. We carried out a series of test trials on four no. chambers.

Discussion/Recommendations

The preferred option is to install raincovers for each chamber. This will be implemented alongside other remedial works to provide a final solution for the affected chambers.

The final remedial works will include –

Removal of water within each chamber

Installation of Waterproof screed at base & mid level and top slats within each chamber

Installation of suitable waterproof DPM/membrane

New fabricated chamber aluminium raincover

All bungs/holes within chamber to be filled

Make Good any defects in honeycombed walls or base – Cement screed overlay

The water will be removed from the chambers in a planned programme of works by Peter Mitchell Associates.

We would further note that the chamber base should be screeded prior to the first internment being completed. Mid slats will be screeded when an internment has taken place in the lower chamber. Waterproofing screed to be used internally and externally (top lid) to provide a further enhancement.

We would recommend that drainage is constructed on the site to help to remove ground and surface water around and near the chambers. This will further reduce the possibility of water ingress into the chambers where there is a higher water table or differing ground conditions.