

Executive Summary

Executive Summary: CCTV Drainage Inspection Report for St Joseph's College

Overall Condition Assessment

Our recent post blockage clearance CCTV drainage inspection at St Joseph's College, Lower Classroom Building has revealed a concerning number of defects, with a total of 12 issues identified across the 3 lateral branches serving the toilets. This assessment highlights the importance of proactive maintenance to prevent potential disruptions to the college's operations.

Critical Findings Requiring Immediate Attention

The most critical issue requiring immediate attention is a broken pipe, which has visibly moved and poses a significant risk to the drainage system's integrity. This defect has been classified as Severity 4 and demands prompt action to prevent further damage and potential flooding.

Common Defect Patterns

The inspection revealed a pattern of defects, with roots (5 occurrences) being the most common issue. Other notable defects include fractures, cracks, and joint displacement. These findings suggest that the drainage system may be experiencing issues related to aging infrastructure, vegetation growth, or settlement.

Urgency Level and Next Steps

Given the critical nature of the broken pipe defect, we strongly recommend that the college prioritizes its repair to prevent potential disruptions to the campus. We will work closely with the college to develop a comprehensive maintenance plan, addressing the identified defects and ensuring the long-term integrity of the drainage system.

In conclusion, this inspection report highlights the need for proactive maintenance to prevent costly repairs and minimize disruptions to the college's operations. We look forward to collaborating with the college to address these issues and ensure the continued smooth operation of the drainage system.

