Risk Assessment: Protection of the Canal During Proposed Works

Project Name: Redevelopment of Former Bridge Inn Pub, 273 Clayton Lane, Manchester M11 4SS
Proposed Development: Creation of restaurant (Class E) to first floor, erection of single-storey side extension, elevational alterations, and creation of roof terrace with associated balustrade.

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Summary

The canal at the rear of the site will be protected throughout the proposed works. The gate providing access to the canal will remain closed and unused during construction activities. All staff, operatives, and material deliveries will exclusively access the site via Clayton Road to avoid interference with the canal or its surroundings.

Key Risks to the Canal and Mitigation Measures

Potential Risk	Likelihood	Impact	Mitigation Measures
Unauthorised access to the canal area	Low	Medium	- The gate to the canal area will be locked at all times.
			- Clear signage will indicate restricted access.
			- Security personnel/site manager will regularly monitor the area.
Pollution of the canal (e.g., debris, dust, or chemicals)	Low	High	- Use of dust control measures such as dampening during works.
			- Secure containment of all building materials and waste onsite.
			- Implementation of spill kits and emergency response protocols.
Vibration from works affecting canal infrastructure	Low	Medium	- Avoid use of heavy machinery near the canal.
			- Structural monitoring during excavation and construction.
Runoff or drainage issues	Low	High	- Installation of appropriate drainage and sediment control.
			- Regular inspections of site drainage systems.

Site Logistics and Access Plan

1. **Site Access and Deliveries:**
    - All deliveries, staff, and construction operatives will access the site exclusively via **Clayton Road**.
    - No vehicles or personnel will approach the canal-side gate.
2. **Material Storage and Waste Management:**
    - All materials will be stored securely on-site away from the canal boundary.
    - Waste will be removed promptly and stored in covered, designated skips.
3. **Boundary Management:**
    - Temporary fencing will be installed along the site boundary to ensure no unauthorised entry or accidental intrusion into the canal area.

Emergency Measures

- **Spill Response:** Spill kits will be available onsite, and operatives will be trained in their use to address potential spills immediately.
- **Incident Reporting:** Any incidents related to the canal will be reported promptly to the relevant authorities and addressed as a priority.

Ongoing Monitoring and Reporting

- Regular inspections will be conducted by the site manager to ensure compliance with the mitigation measures outlined above.
- A log of inspections and any incidents will be maintained throughout the construction period.

Conclusion

The proposed works will be carried out with stringent measures to ensure the protection of the canal. By restricting access to the canal, implementing robust mitigation plans, and adhering to best practices for environmental protection, the risk to the canal during the project will be effectively minimised.