

Backfilling Solution Behind Basement or Retaining Wall

This building had a large basement construction which had been constructed close to other existing buildings such that it was not possible to position plant on the upper level in order to backfill in the traditional way. A novel solution was employed as shown in the photograph where backfill material was loaded by an excavator onto a truck mounted mobile conveyor system.



Key Issues

- The hire cost of the conveyor system was far outweighed by the time savings achieved by this solution.
- This solution was also far quicker than would have been the case with just an excavator.
- Attempting to backfill using the excavator had significant risk of damage to the existing building.
- Awareness that this equipment is available