



COCHREN

FOUNDATION AND REPAIR COMPANY

Foundation Wall Replacement

The foundation walls of the underground parking structure was constructed with unreinforced masonry block. The clay soil adjacent to the wall became saturated as result of poor grading, clogged weeping tile and close proximity to the underground sprinkler system. Over time the expansive clay soils and frost pushed the perimeter wall inwards.



To provide safe working conditions 8'-0" high timber lagging was installed 3'-0" out from the existing foundation wall. This provided enough room for the demolition, concrete formwork, waterproofing, and weeping tile installation.



Between the close proximity to the property line as well as maintaining onsite parking for the 100 tenants created a challenge for the restoration. Cochren Foundation and Repair provided the engineering details for the foundation wall replacement. While working closely with the superintendent and staging the work while tenants were at work allowed Cochren Foundation and Repair to complete this job in 4 weeks.