

## Damaged Foundation Photographs (Excerpt of Engineer's Report)

### Heritage Conservation Program – 518 11<sup>th</sup> St. E. – Work to Restore Structural Integrity

As detailed on the attached engineer's report, the work to be undertaken is required to repair the basement "that is cracked and has been forced inward." The reinforcement includes:

- Building a structural wall of 2x8 ACQ unincised pressure treated wood
- Sealing cracks with a mastic sealant and further sealed with concrete/polyethylene
- Installation of a sump pump to remove any water that may still penetrate the basement and cause further foundation problems

This improves substantially on work done in 2016 (prior to the house's heritage designation), which involved the installation of built-up beams to add vertical support to the west and south walls.

Sample photographs of the damaged foundation are included below.

