

Just the Facts: Foundation Replacement – What is involved?

Structural Lift for Foundation Replacement

1. All structural lifts are engineer certified, coded, and permitted.
2. Basement floor slab is broken up and the site is prepared for support cribs to be built in situ.
3. Holes are punched in upper basement walls at front and back of house.
4. Steel beams are rolled in and set on top the cribs.
5. The house is lifted with a hydraulic jacking system.
6. One basement wall is removed where a ramp is built for the removal of all detritus.
7. Exterior footings and centre line column footings are excavated.
8. The cement footings and pads are poured.
9. The main support beam is built in situ and installed.
10. Polycore wall system installed. Polycore structural insulated foundations are pre-certified by an engineer.
11. The house is lowered.
12. The walls are braced correctly.
13. The beams are rolled out.
14. The site is backfilled strategically.
15. Plumbing, ground work, Radon Gas rock executed.
16. In-floor heating is installed.
17. The basement slab is poured.
18. Interior demising with mechanical systems completed.