

# Contractors' Challenges and Solutions from a Repair Point of View

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## I) WHEN TO REPAIR

- A) New home
- B) Older home

## II) HOW TO REPAIR

- A) Isolate movement vs. movement throughout
  - 1) Lower isolated heaving
  - 2) Raise entire structure
    - (a) Swell test
    - (b) PVR
- B) Pile placement
- C) Method of repair
  - 1) Break through floor vs. tunneling
    - (a) Type of foundation
    - (b) Plumbing

## III) PREVENTATIVE MEASURES

- A) Pre construction
  - 1) Tree removal
  - 2) Plumbing test
  - 3) Void cartons
  - 4) Drainage
- B) Post construction
  - 1) Watering systems
  - 2) Drainage
    - (a) Yard
    - (b) Roof

If you have any questions, please contact [Dr. C.Vipulanandan](#)  
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