



# HERITAGE HOME PROGRAM

## Basement Exterior Waterproofing

### Loan Applications Must Include:

- ❖ Contractor Written Estimate
- ❖ Site Plan Sketch or Marked Photo Showing Limits of the Work

### Contractor Written Estimate Must Include:

- ❖ Contractor Name, Address, Phone Number, and W9 Tax Forms
- ❖ Overall Linear Footage of the Work
- ❖ Concrete Repair Materials: Type and Manufacturer
- ❖ Waterproofing Materials: Type and Manufacturer
- ❖ Waterproofing Warranty: Minimum ten (10) year warranty against leakage
- ❖ Exterior Insulation: Type and Manufacturer
- ❖ Backfill Materials: Type and size
- ❖ Drainage Lines: Type and size

### HHP Minimum Design Standards:

- ❖ All work must be done in compliance with local and state building codes.
- ❖ Contractor is responsible for obtaining all required permits and inspections.
- ❖ Locate all utilities prior to excavating (call Ohio 811).
- ❖ Do not locate excavation equipment or excavated materials in such a manner that may damage or overload the surrounding structures.
- ❖ Wall Preparation: Walls and footers should be scraped clean of dirt and loose material. Fill all holes and cracks and parge walls as needed.
- ❖ Footer Drain Lines (Perforated Pipe): Set drain tile on 2-inch bed of gravel holes facing down. Drain tile should have 1.0% to 1.5% slope for water flow. Connect to existing foundation drainage system at base of the wall.
- ❖ Downspout / Storm Sewer Lines (Solid Pipe): Replace buried downspout drain lines uncovered during the course of the work (if any). Connect new downspout lines to the existing storm sewer drainage system. **Do NOT connect any downspouts to perforated foundation drain tiles. This will cause water leakage in the basement.**
- ❖ Drain lines should have 1.0% to 1.5% slope for water flow. **Verify proper drainage of all lines prior to backfilling.** Install cleanouts per building code.
- ❖ In areas to be backfilled, remove all trash, demolition debris, and organics.
- ❖ Place new gravel backfill in layers (12 inches deep maximum and compact) up to 12 inches of grade. Separate stone from top soil with filter fabric.
- ❖ Bring all areas to be landscaped to uniform grades with no low spots.
- ❖ Slope grade away from structures 1/4 inch per foot minimum for drainage.