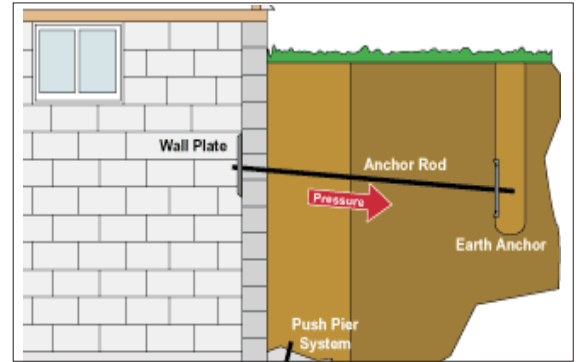
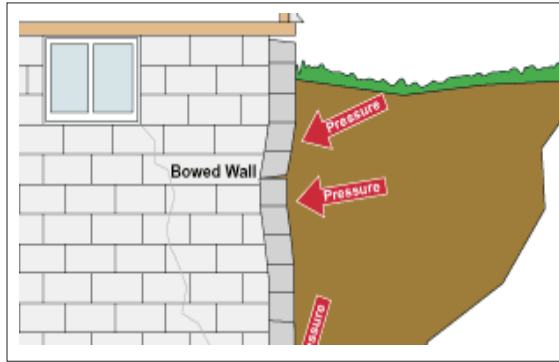


RE
WE
T
T
E
S
W
E
N



Hydrostatic Pressure The Cause & The Cure



Hydrostatic pressure is the weight of the ground pushing inward on the foundation wall. The visible signs are horizontal cracking in the foundation, inward movement of the basement wall, a sunken grade at the exterior perimeter of the house, and sometimes basement floor cracks parallel to the exterior walls usually 3 to 4 foot out from the wall.

The cause is usually an improper grade at the foundation, surface water from the slope of the yard towards the house, heaving at the frost line, a concrete driveway butted against the house, or a settled concrete porch or patio slab.

The cure can be fairly simple if caught in time. There are many new shoring methods on the market today and most do not include destructive measures such as tearing out and replacing the wall.

One of the most common and economical method is the wall anchoring system. Its inexpensive (compared to a wall replacement), it's a simple installation usually completed in one day, and carries a 50 year warranty when properly installed.

Movement from hydrostatic pressure is usually a slow progression, however, should not be ignored. Any foundation defect should be addressed in a timely fashion.

