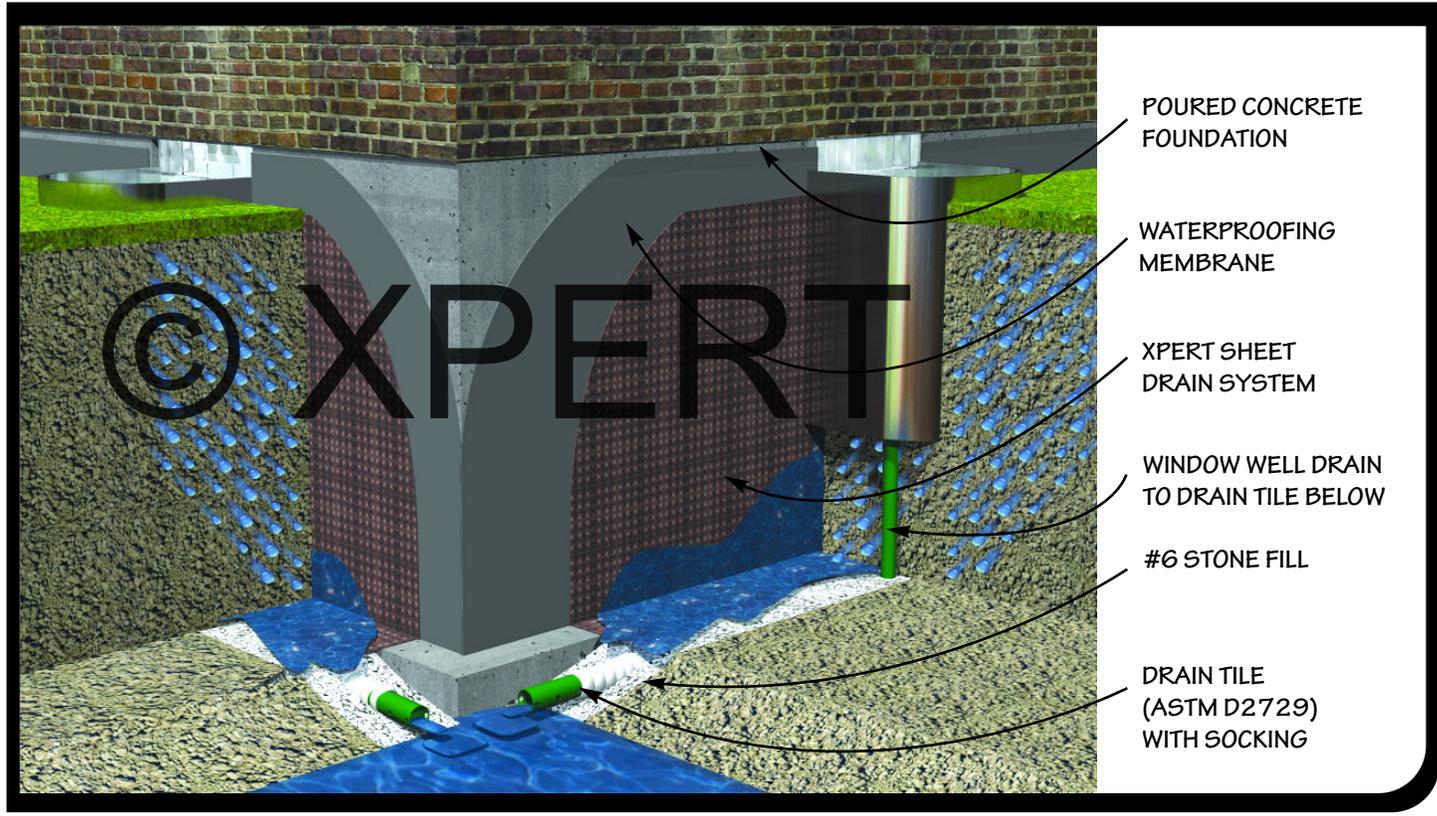




The Exterior System

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- POURED CONCRETE FOUNDATION
- WATERPROOFING MEMBRANE
- XPERT SHEET DRAIN SYSTEM
- WINDOW WELL DRAIN TO DRAIN TILE BELOW
- #6 STONE FILL
- DRAIN TILE (ASTM D2729) WITH SOCKING

The **Xpert** exterior drain tile system is installed along the outside perimeter wall or walls. Depending on the severity of your problem, the preparations for this procedure begin with the placement of tarps 4' from the foundation walls, that provide placement for excavated materials, 80% of which will be reused as back fill. Removal of shrubs, sidewalks (except vertical walkways which can be tunneled under) and driveways

which will be saw cut 3' from foundation walls. As excavation begins **Xpert's** professional installers will be checking your foundation for any cracks, wall ties or utility entrance holes that could be a source of water seepage as they proceed toward the footing. At the footing, **Xpert** prepares the bedding for the drain tile (ASTM D2729 perforated PVC) with #6 stone fill, the drain tile is placed on the bedding alongside the footing and is pitched at a ratio of 1/8" per foot to assure proper flow ratio to its disbursement source. Vertical flush ports are installed at corners to provide future access to the drain tile system for service and maintenance purposes, which are provided by **Xpert** annually.

This all depends on your municipality's code. The Foundation walls are then cleaned and a waterproofing membrane is applied. A layer of visqueen or **Xpert's** sheet drain system is applied over the membrane to seal out all moisture and disburse all waters to the drain tile below. **Xpert** then adds a foot of #6 stone fill and filters or stockings over the exposed drantile and begins the backfill process by tamping the back fill in 2' lifts to grade, avoiding future settlement. All excess debris is removed, shrubbery and sidewalks are replaced (shrubby and sidewalks are based on the contract's description of work).

