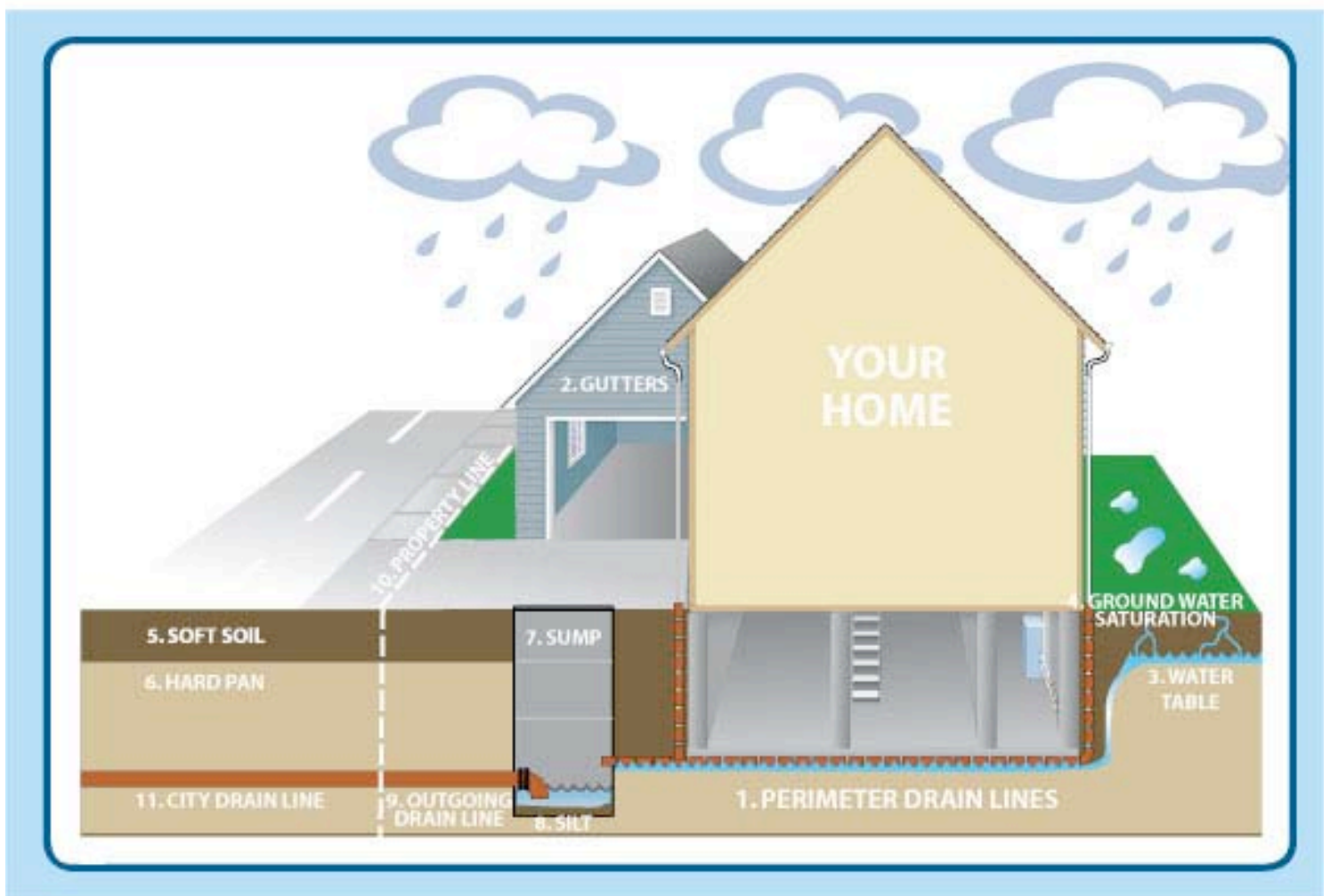


DRAINAGE DIAGRAM



HOW DRAINAGE WORKS

1. **Perimeter Drain Lines** - Removes the water table and roof water away from the foundation and into the sump
2. **Gutters** - Transports the rain that flows down your roof into your perimeter drain lines
3. **Water Table** - Ground water saturation from rain travels through soft soil to hard pan to create standing water
4. **Ground Water Saturation** - Water seeping through the soft soil in the ground
5. **Soft Soil** - Soil that is loose and easy for water to drain through
6. **Hard Pan** - Compacted soil that usually consists of clay which water cannot drain through
7. **Sump** - collects perimeter drain water and stop silt from entering city drain line
8. **Silt** - Debris from gutters and soft soil being pushed into the perimeter drain lines from ground water saturation
9. **Outgoing Drain Line** - Where the sump water drains
10. **Property Line** - The separation between private and city property
11. **City Drain Line** - Same as the outgoing drain line but on city property