

Building Protection

You can take an active role in protecting your property from flood damage. The method you choose depends on your particular situation and may include some of the following:

Elevation

This method consists of raising a house on an elevated support structure to place it above future flood waters. The exact methods can include a number of possibilities that depend on local conditions such as the base flood elevation and wind forces, building type and size and existing soil conditions. Types of elevated foundations consist of the following:

- › Elevation on Extended Foundation Walls
- › Elevation on Fill
- › Elevation on Piers
- › Elevation on Pilings
- › Elevation on Posts or Columns

These methods do require a permit from the City of Lawton.

Relocation

This method is perhaps the only technique for completely preventing future flood damage. It involves relocation of the structure to a new location where there is no threat of flooding. Permits for the relocation and new installation are required from the City of Lawton.

Flood Walls

This method is practical for areas with low to moderate flooding depths and velocities. Floodwalls are designed to keep the water away from a structure and are constructed of waterproof materials such as masonry block and reinforced concrete. However, where openings for access to a structure are provided, closures are required that must be put in place prior to any flooding event. Permits are required from the City of Lawton when this method is being considered.

Closures

This method involves techniques for protecting gaps that are left open for day-to-day convenience, such as doorways, walkways and driveways.

Sealants

This method is sometimes referred to as dry flood proofing and can be used in areas where very shallow flooding is experienced to seal a structure against flood waters. Because of pressures that water can exert against a structure protected by this method, the technique can only be used on masonry construction in good structural condition, and only when flood levels are low.

Protecting Service Equipment

This method involves protecting of various building support service equipment, such as electrical systems, cable, water and sewer lines, heating, ventilation and cooling systems and appliances such as washing machines, dryers, freezers and refrigerators. Various methods to protect these systems are elevation, wet flood proofing and dry flood proofing.

[City of Lawton Floodplain Regulations](#) provide additional information.