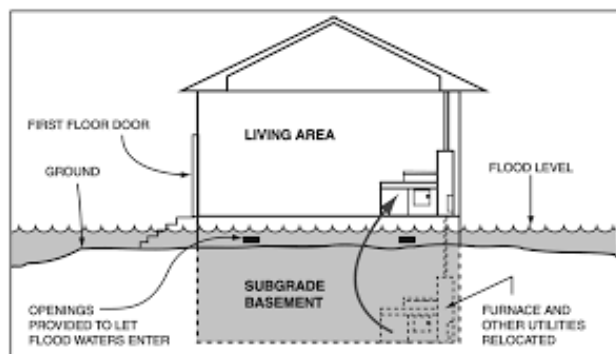




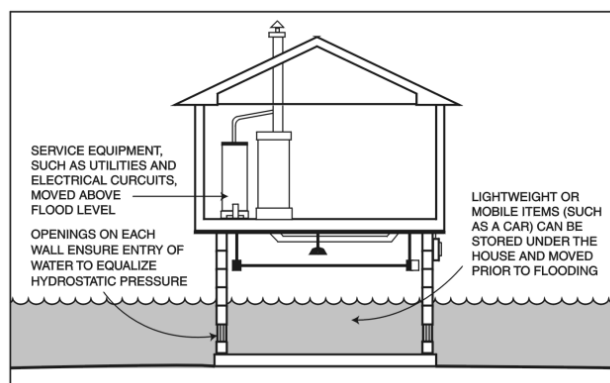
Flood Mitigation - Wet Floodproofing Your Basement

By wet floodproofing your home you are protecting it but acknowledge that it will take on water during a flood. It will minimize damage by not holding back the floodwaters and letting it flow freely. This balances the pressure of the flood water on the outside and inside of your home, and also discourages structural collapse.

What Wet Floodproofing your basement may look like:



- Installing flood vents
 - Replacing windows, doors, and structures with flood-damage resistant materials
 - Elevate electrical systems to above the base flood elevation
 - Have living quarters be above the lowest occupiable floor if possible¹
- Install backflow valves to avoid exposing your home to contaminated water from toilets and sinks
 - Add waterproof to exterior walls to avoid having to redo them
 - Use high shelving if items must be kept on lower floors
 - Do not keep appliances in basement or on lowest level of home
 - Do not put carpeting or wooden flooring in the basement, use a water-resistant or more resilient floor covering²
 - On the lowest level of your home replace the insulation with washable, closed-cell foam insulation

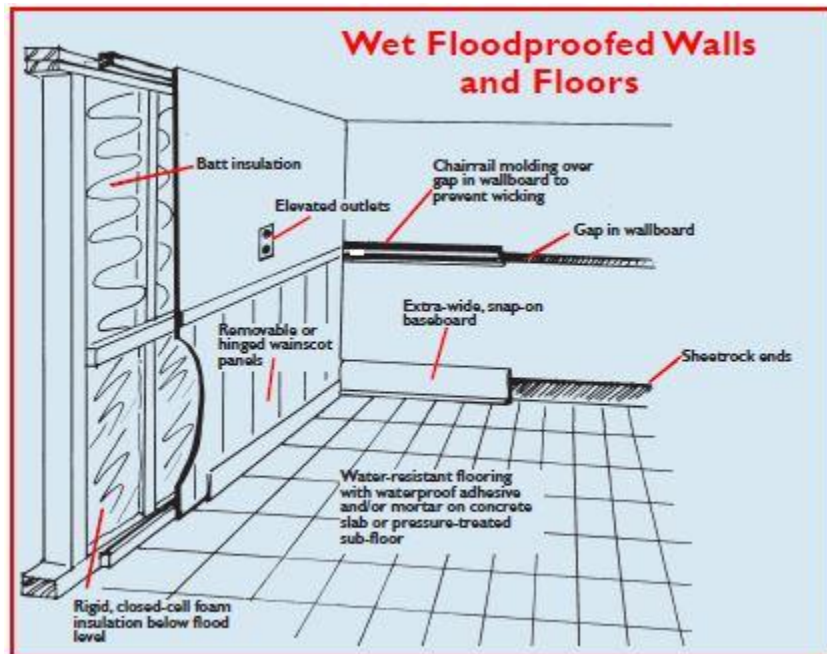


¹ NYC.gov. 2021. "Wet Floodproofing." Retrieved March 5, 2021.

https://www1.nyc.gov/assets/planning/download/pdf/plans-studies/retrofitting-buildings/retrofitting_chapter4_attached.pdf

² Chicago Water and Fire Restoration. 2021. "How to Flood-Proof Your Basement & Home." Retrieved March 5, 2021. <https://chicagowaterandfire.com/how-to-flood-proof-your-basement-home/>

- Raise immovable objects like a water heater onto a platform
- Inspect and repair cracks in your home's foundation
- Less costly than dry floodproofing
- The appearance of your home will most likely not be impacted³



4

³ Urban Drainage and Flood Control District. 2001. "Flood Proofing." *California State Water Resources Control Board*. Retrieved March 5, 2021. (plus pictures)
https://www.waterboards.ca.gov/rwqcb2/water_issues/programs/stormwater/muni/nrdc/11%20chapter%2011%20flood%20proofing.pdf

⁴ Reichel, Claudette. 2017. "After Gutting a Flooded Home." *LSU College of Agriculture*. Retrieved March 5, 2021. <https://www.lsuagcenter.com/profiles/sfiser/articles/page1474660090140>