

CHEBOYGAN COUNTY DEPARTMENT OF BUILDING SAFETY

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FLOOD ZONE CONSTRUCTION - WHAT YOU NEED TO KNOW

The Following Requirements are Excerpts from Section 322 of the 2009 Michigan Residential Code:

❑ 1.) **Section 322.1.4 (Building):**

Establish the design flood elevations. This determination must be made by a registered design professional.

***Prior to Footing Inspection:** Please mark established benchmark in foundation area.*

❑ 2.) **Section 322.1.5 (Building):**

Determine lowest finish floor level and maintain a minimum of 12" separation above the Base Flood Elevation. In structures with full basements, the basement floor is the lowest finish floor level. In structures with crawl spaces, the bottom of the floor joists must maintain a minimum of 12" separation above the base flood elevation.

❑ 3.) **Section 322.1.6 (Mechanical & Electrical):**

Protection of mechanical and electrical systems. Both of these systems are considered sensitive to contact with water and must be installed at least 12" above Base Flood Elevation.

❑ 4.) **Section 322.1.7 (Plumbing):**

Protection of water supply and sanitary sewage systems. This section requires that all plumbing within (below) the Base Flood Elevation to be sufficiently anchored in place to prevent movement due to rising water.

❑ 5.) **Section 322.2.2 (Building):**

Enclosed area below design flood elevation. This section regulates areas of crawl spaces and areas used solely for the parking of vehicles, building access or storage. Any of these areas located below the Base Flood Elevation must provide flood gates designed per this section.

❑ 6.) **Final Step (Building):**

The final step to this process is to provide an elevation certificate by a registered design professional which certifies that all elevations of listed building elements meet the design elevations required by this code.