

TOWN OF LISBON FLOOD PLAIN DEVELOPMENT CHECKLIST

STRUCTURAL DEVELOPMENT (check all that apply)

- New Structure** **Residential (1-2 Family)** **Addition** **ADU** **Residential (+2 Family)** **Accessory Use/Bldg.**
- Alteration** **Commercial, Industrial, Non-Residential** (Flood-proofing? Yes)
- Relocation** **Mixed Use**
- Demolition** **Home Replacement** **Manufacture (Mobile) Home** (In Manufactured Park ? Yes)

OTHER DEVELOPMENT ACTIVITIES (check all that apply)

- Clearing Fill Drilling Grading
 - Excavation (Except for Structural Development Checked Above)
 - Watercourse Alteration
 - Drainage Improvements (Including Culvert Work)
 - Road, Street or Bridge Construction
 - Subdivision (New or Expansion)
 - Individual Water or Sewer System
 - Other (Please specify)
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- The site is located in a SFHA as designated by FEMA and the Town of Lisbon. ZONE _____
 - It has been determined that the proposed building sites are reasonably safe from flooding.
 - New and replacement water supply systems have been designed to minimize or eliminate infiltration of floodwaters into the systems.
 - New and replacement sanitary sewage systems have been designed to minimize or eliminate infiltration of flood waters into the systems and discharges from the systems into flood waters
 - Where base flood elevation data is utilized, the lowest floor and flood-proofing elevations for new construction and substantial improvements have been provided.
 - If applicable, an adjacent community and the CTDEEP will need to be notified prior to alteration or relocation of a watercourse.
 - The engineer has assured that the flood carrying capacity within the altered or relocated watercourse is maintained.
 - All new construction and substantial improvements of ***non-residential*** structures within A1-30, AE, and AH Zones have their lowest floor, including basement, elevated to 1' above the base flood elevation and all other requirements for attendant utility and sanitary facilities, etc. are met.
 - All necessary permits have been received from other State and Federal agencies from which approval is required.
 - A Connecticut registered *professional engineer or architect* has certified that the design and methods of construction are in accordance with accepted standards of practice for flood-proofing and are adequate to withstand the flood depths, pressures, velocities, impact and uplift forces, and other factors associated with the base flood to establish compliance with the provisions of this Section.
 - The applicant agrees that a record of such flood plain elevation certificate indicating the specific elevation (in relation to mean sea level) shall be provided to the Zoning Enforcement Officer/Flood Plain Administrator.
 - The applicant agrees that an as-built elevation of the lowest floor (including basement) of all new or substantially improved structures; b) the elevation to which the new or substantially improved structures have been flood-proofed; c) certification as to floodway heights; d) any and all certifications required under these Regulations; e) all records pertaining to the provisions of this section shall be provided to the Town upon completion of the project.

- If applicable, the plan calls for new construction and substantial improvements to be anchored to prevent flotation, collapse or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.
- The plan confirms that new construction and substantial improvements shall be constructed with materials resistant to flood damage.
- The plan confirms that new construction or substantial improvements shall be constructed by methods and practices that minimize flood damage.
- The plan reflects that all new construction and substantial improvements to structures shall be constructed to ensure that electrical, heating, ventilation, plumbing, air conditioning equipment, and other service facilities are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.
- On-site waste disposal systems are or have been located and/or constructed to avoid impairment to them or contamination from them during flooding.
- If development involves aboveground storage tanks (oil, propane, etc.) which are located outside or inside of the structure have been elevated above the base flood elevation (BFE) on a concrete pad, or have been securely anchored with tie-down straps to prevent floatation or lateral movement, and have the top of the fill pipe extended above the BFE, and have a screw fill cap that does not allow for the filtration of flood water.
- All new construction, substantial improvements, and repair to structures that have sustained substantial damage which are residential structures have the bottom of the lowest floor, including basement, elevated one (1.0) foot above the base flood elevation (BFE). Electrical, plumbing, machinery or other utility equipment that service the structure must be elevated one (1.0) foot above the BFE.
- If applicable ,all mobile manufactured homes (including a recreational vehicle placed on a site for consecutive days or longer) to be newly placed or undergoing a substantial improvement have been elevated so that the bottom of the frame is located one (1) foot or more above the base flood elevation.
- If applicable, commercial, industrial or non-residential structures, including new construction, substantial improvements, and repair to structures that have sustained substantial damage have been designed so that the bottom of the lowest floor, including basement, elevated one (1) foot above the base flood elevation (BFE) or meet other acceptable standards for flood-proofing.
- If applicable, new construction and substantial improvements that fully enclose areas below the lowest floor that are used solely for parking of vehicles, building access or storage in areas other than a basement and which are subject to flooding have been designed to automatically equalize hydrostatic flood forces on exterior wall by allowing the entry and exit of floodwaters in accordance with the specifications in CFR 60.3 (c) (5).
- The applicant has provided all other related certifications regarding flood elevations and flood area boundaries.
- The application is not part of or related to a map change, or any LOMR-F, LOMR or LOMA.

I , THE APPLICANT, HEREBY CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

Applicant Name _____ **Applicant Signature** _____

Site Location/Address _____ **Flood Zone Designation** _____ **Engineer** _____