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Development Permit Area (DPA) 6: Flood Hazard Guideline Assessment

Application Information Owner(s)/Applicant(s): Subject Property Address:

Directions:

- 1. The following DPA guidelines come from **Schedule C of the Official Community Plan** and are identified in teal below. Please read carefully.
- 2. The questions that follow are meant to prompt an answer to the guideline. Respond to all that apply to your development, and where they don't, tell us why not. Please be specific and detailed.
- 3. Once submitted, staff will use this form to confirm compliance with the goals of the DPA guidelines.

FH1 - Ensure development:

- a. is constructed in a location and manner that will maximize the safety of residents and property;
- b. is located in the least hazardous part of the site;
- c. is minimized in floodplain areas or where development may impede a natural floodway;
- d. complies with flood construction requirements identified by a qualified professional in a preliminary assessment or detailed assessment report;
- e. does not increase the risk or hazard to, or vulnerability of, other properties or structures;
- f. does not include habitable space below the flood construction level specified by the qualified professional except in accordance with recommendations made by a qualified professional and in compliance with these guidelines;
- g. in connection with renovations to any existing permanent structure, where reasonable, reduces flood hazard to the existing permanent structure by raising the habitable space to flood construction levels; and
- h. does not include the installation of any mechanical equipment or electrical wiring below the flood construction level except in accordance with recommendations.
- 1. Please attach a detailed site plan that includes, but is not limited to the following; location of all existing and proposed buildings and structures, topography lines, and hazardous areas.
- 2. Does your risk assessment report include requirements for flood construction? Yes No
- 3. Does your risk assessment report confirm no increased risk or hazard to other properties or structures? Yes No
- 4. Has your qualified professional included requirements for flood construction? Yes No
- 5. Are all habitable spaces above the specified flood construction level? Yes No
- 6. If possible, please attach all proposed building plans.

Staff Comments Only

FH2 - Implement structural and/or non-structural flood protection measures to mitigate the impacts of flooding within areas already developed.
1. Describe all flood protection measures on the site in the space provided below.
Staff Comments Only
 FH3 - Maintain potential debris flow and debris flood hazard areas and potential flood hazard areas free of development, or, if that is not possible, then: a. undertake mitigation to reduce risk to an acceptable level (risk for both the subject property and any adjacent or nearby lands should be addressed); and b. adhere to any conditions (for example, conditions relating to the permitted uses, density or scale of building) imposed as necessary to reduce potential hazard to acceptable levels, as determined by a qualified professional in a preliminary assessment or detailed assessment report.
 Are all hazard areas free of development? Yes No If no, does your risk assessment report include measures to mitigate or reduce risk? Yes No
Staff Comments Only
FH4 - Ensure proposed flood construction levels are clearly defined by a qualified professional, preferably supported by Geodetic Survey of Canada data.
1. According to your qualified professional, what is the prescribed flood construction level?
Staff Comments Only
FH5 - Preserve natural riparian and floodplain regimes, siting development to allow normal creek processes (erosion and channel migration) and anticipated flooding to occur. Where appropriate, this should include actions such as grading of the site to deflect flood water and to allow for floodways or pooling of flood water.
 Does your risk assessment report include areas of anticipated flooding, erosion, or channel migration? Yes No If yes, has this been considered in the proposed siting of all buildings? Yes No

Staff Comments Only

FH6 - Retain sites in their natural state, protecting riparian areas, preserving native vegetation and trees, and minimizing disturbance to vegetation to help preserve the natural hydrology of the site and reduce the environmental impact associated with new development.

1. Please describe in the space provided below how you intend to minimize the disturbance to vegetation on the subject property.

Staff Comments Only

FOR GUIDELINES ON YOUBOU LANDS DEVELOPMENT SITE, PLEASE SEE PAGE 57 OF SCHEDULE C: DEVELOPMENT PERMIT AREAS OF THE OFFICIAL COMMUNITY PLAN