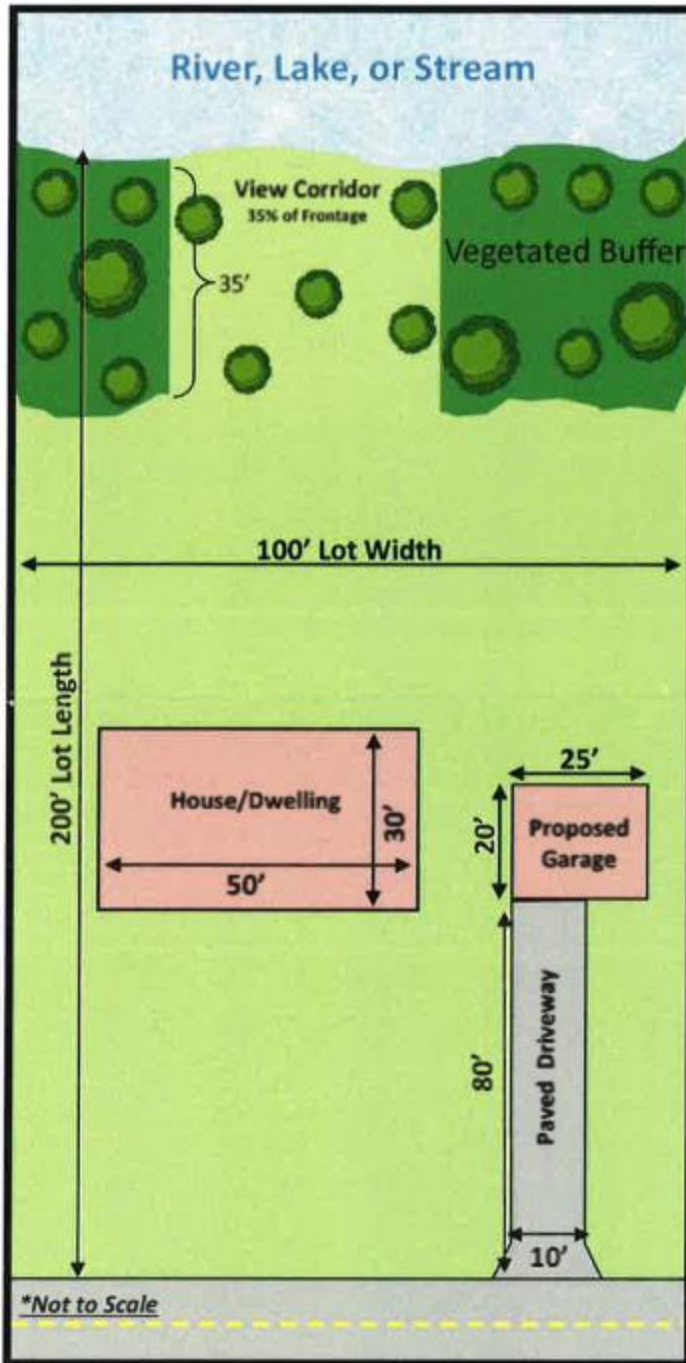




SHORELAND IMPERVIOUS SURFACE CALCULATIONS

Riparian properties entirely within 300' of the Ordinary High Water Mark (OHWM)



How do I calculate total impervious surfaces?

Impervious surfaces are those that water will run off. This includes: roofs, paved areas such as driveways, sidewalks, patios, and compacted areas such as graveled driveways, walkways, and play areas. To calculate the percent of impervious surfaces on your lot: divide the total square footage of impervious surfaces by the total square footage area of your lot, and then multiply by 100. See the example below as a reference.

If your lot extends more than 300 feet from the OHWM, only include impervious surfaces and total square footage within 300 feet of the OHWM.

Impervious Surface Item	Dimensions	Surface Area (ft ²)
House/Dwelling	Length 30' x Width 50'	1,500ft ²
Proposed Garage	Length 20' x Width 25'	500ft ²
Paved Driveway	Length 80' x Width 10'	800ft ²
Total Impervious Area		= 2,800ft²

Total Impervious Area (ft²): =2,800ft²

Total Lot Area (ft²): =20,000ft²

$(2,800\text{ft}^2) \div (20,000\text{ft}^2) \times 100 = 14\% \text{ Impervious}$

Total Impervious Area ÷ Total Lot Area x 100 = Impervious Surface Calculation

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TAX PARCEL (PIN #) _____

NAME _____

ADDRESS OF PROJECT SITE _____

Calculating the percent of impervious surfaces on your lot:

Please fill in the information that is applicable to your project below and calculate the percentage of impervious areas within your lot.

	EXISTING	PROPOSED
House/Dwelling (square footage of roof)	_____ ft ²	_____ ft ²
Driveway(s)	_____ ft ²	_____ ft ²
Parking pad(s)	_____ ft ²	_____ ft ²
Walkway(s)	_____ ft ²	_____ ft ²
Patio(s), including wood slatted decks	_____ ft ²	_____ ft ²
Outbuilding 1 (square footage of roofs/slabs)	_____ ft ²	_____ ft ²
Outbuilding 2 (square footage of roofs/slabs)	_____ ft ²	_____ ft ²
Other Impervious Area (_____)	_____ ft ²	_____ ft ²
Other Impervious Area (_____)	_____ ft ²	_____ ft ²
Other Impervious Area (_____)	_____ ft ²	_____ ft ²
TOTAL	_____ ft ²	_____ ft ²

Existing
Total % of Impervious Surface:

$$\left(\frac{\text{Total ft}^2 \text{ of Impervious Surfaces (within 300' of the OHWM)}}{\text{Total ft}^2 \text{ of Shoreland Lot (within 300' of the OHWM)}} \right) \times (100) = \boxed{\text{Total \% of Impervious Surface}}$$

Proposed
Total % of Impervious Surface:

$$\left(\frac{\text{Total ft}^2 \text{ of Impervious Surfaces (within 300' of the OHWM)}}{\text{Total ft}^2 \text{ of Shoreland Lot (within 300' of the OHWM)}} \right) \times (100) = \boxed{\text{Total \% of Impervious Surface}}$$