

## Builders' Bulletin: Geographic Information System (GIS)

*This bulletin is intended to help interested users navigate through our Geographic Information System (GIS) website. Please be sure to contact Village of Pemberton staff if you have questions: [developmentsservices@pemberton.ca](mailto:developmentsservices@pemberton.ca)*

### What is a Geographic Information System?

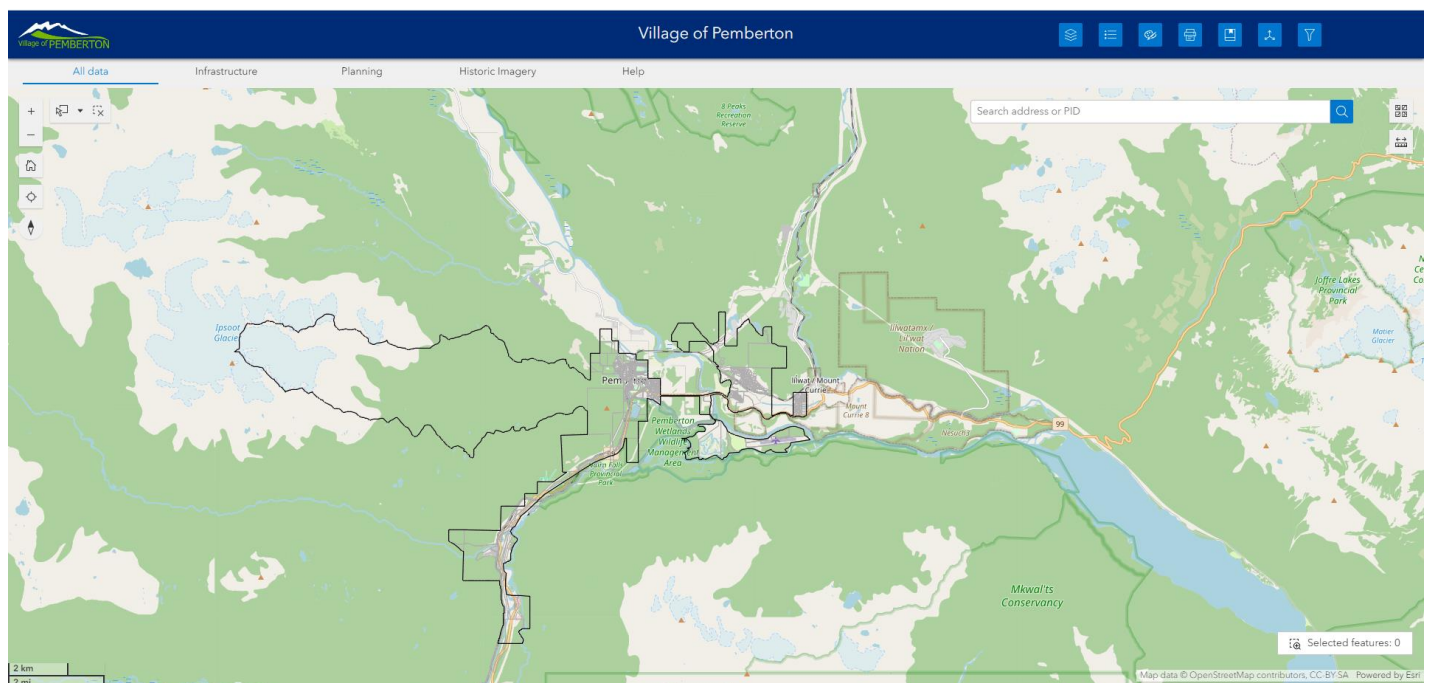
A Geographic Information System, or GIS for short, is a computer system that creates, manages, analyzes, and maps all kinds of spatial data. GIS can be used to combine and display different forms of data, from physical data like streets and buildings, to intangible data like zoning. The Village of Pemberton uses GIS to create interactive maps, helping visualize information and providing detail about land and other features within the Village boundaries.

### How do I begin?

The Village of Pemberton's GIS map can be accessed [here](#), or on our website under Municipal Services > Mapping > Launch the Village of Pemberton Web Maps (GIS). Once the GIS map is open, refer to the following section as a guide to help navigate the various tabs and buttons.

### Navigation Guide:

Once you have accessed our GIS map through the above link or our website, the open map should look like this. The current map illustrates the Village of Pemberton boundaries, as well as property parcels. From this screen, you will be able to display and hide different layers of data, allowing you to create your own map.



## Widgets

Located on the top right corner of the screen and along the sides of the map, are various widgets, each with a different purpose.

	Map Layers	Used to toggle the Map Layers box. Allows you to view  , or hide  different layers of data.
	Legend	Used to toggle the Legend box. Shows you what the symbols represent on the map.
	Draw	Used to toggle the Draw box. Allows you to create shapes on over top of the map.
	Print	Used to open the Print box. Allows you to export the current view of the GIS map into a map format as a PNG file.
	Bookmark	Used to open the Bookmark box. Allows you to conveniently zoom to relevant places in Pemberton.
	Coordinates	Used to open the Coordinates box. Gives you coordinates based on the position of your mouse cursor.
	Filter	Used to open the Filter box. Allows you to filter visible data based on their traits.
	Basemap	This tool allows you to change the default map which your data layers are mapped on top of.
	Measure	This tool allows you to draw a line or shape on the map to measure distance or area.
	Select	This tool allows you draw a shape on the map to select data.
	Default	This tool resets your view back to the default view of Pemberton.
	Location	This tool will find your approximate location and point it on the map.

### Tabs

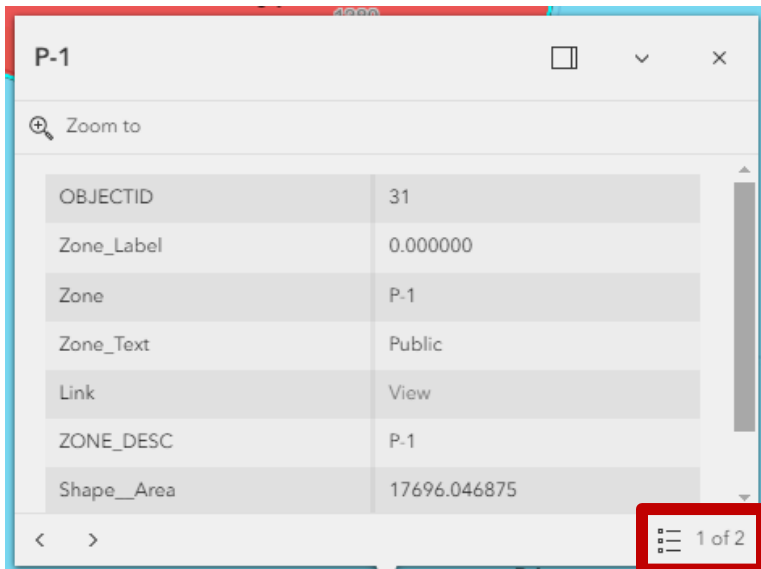
Below these buttons, there are five tabs on the beige ribbon: *All data*, *Infrastructure*, *Planning*, *Historic Imagery*, and *Help*. These tabs contain the relevant data pertaining to the header. Clicking on the different tabs (excluding help) will load a preconfigured map with the corresponding map layers available for viewing/hiding. For example, clicking on the *Infrastructure* tab will load a different map, and the Map Layers will be different than the ones in the *Planning* tab.

### How do I find my property?

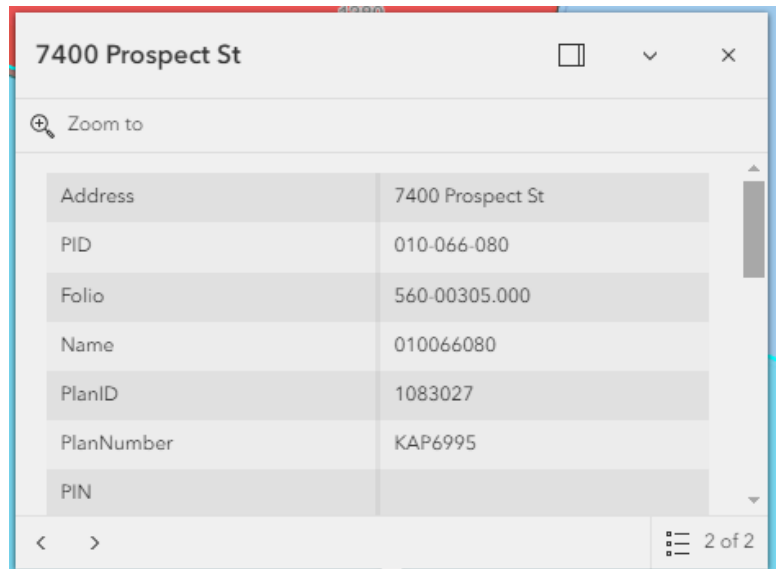
One of the helpful things about GIS is that it allows you to see all the relevant information about your property. To begin, click on the *Planning* tab in the ribbon.



Next, you can choose to type in your address in the search bar below the ribbon, or manually scrub through the map to find your property. Once you have located your property, you can click on it to bring the information box up. The information box will have the current zoning information. Clicking on the tab at the bottom will let you choose the data being shown in the information box. Zones and Property Parcels are the default map layers that are turned on.






OBJECTID	31
Zone_Label	0.000000
Zone	P-1
Zone_Text	Public
Link	View
ZONE_DESC	P-1
Shape__Area	17696.046875



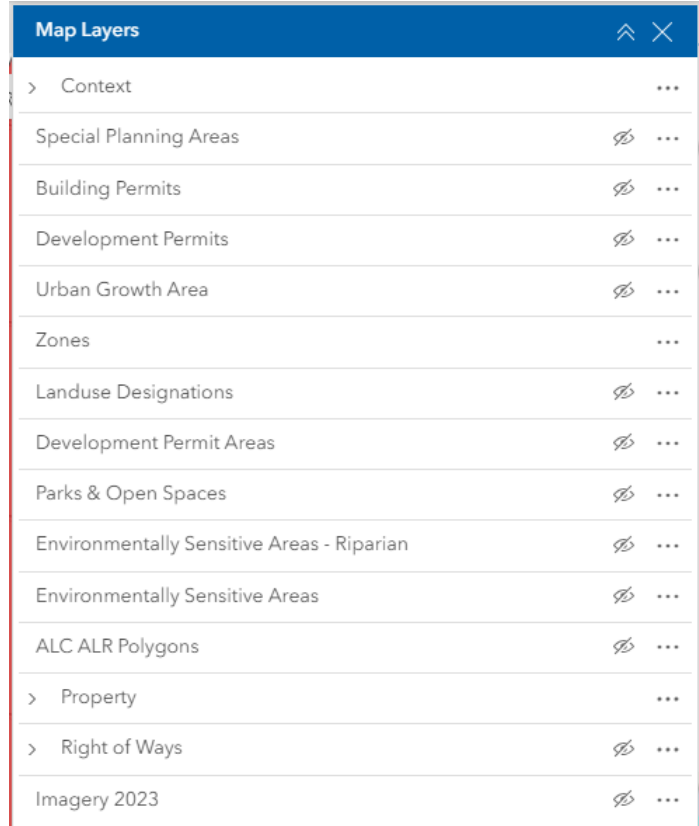
Address	7400 Prospect St
PID	010-066-080
Folio	560-00305.000
Name	010066080
PlanID	1083027
PlanNumber	KAP6995
PIN	













The information in the information box is dependent on which Map Layers are currently visible. Adding or removing Map Layers will change the information displayed in the box.

The image on the right shows all of the information available to view in the *Planning* tab. Map Layers with the  icon means the layer is currently hidden. Clicking on the  icon will display the chosen data on the map and clicking on the  icon will hide the data.

The *Infrastructure* tab will have information like Water Pipes, Sanitary Pipes, Fire Hydrant Locations, and more.

Clicking on the *All Data* tab in the ribbon will allow you to view *Infrastructure* and *Planning* data at the same time. Feel free to experiment with the GIS interface to create your own map.



Map Layers	
> Context	...
Special Planning Areas	 ...
Building Permits	 ...
Development Permits	 ...
Urban Growth Area	 ...
Zones	...
Landuse Designations	 ...
Development Permit Areas	 ...
Parks & Open Spaces	 ...
Environmentally Sensitive Areas - Riparian	 ...
Environmentally Sensitive Areas	 ...
ALC ALR Polygons	 ...
> Property	...
> Right of Ways	 ...
Imagery 2023	 ...

## Questions?

Please contact [developmentsservices@pemberton.ca](mailto:developmentsservices@pemberton.ca) for any additional questions you may have.