

PRINTING A MAP

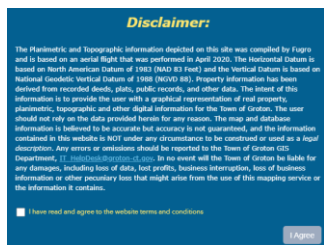
On the Groton GIS Interactive Mapping [webpage](#) select the GIS Viewer [app](#).



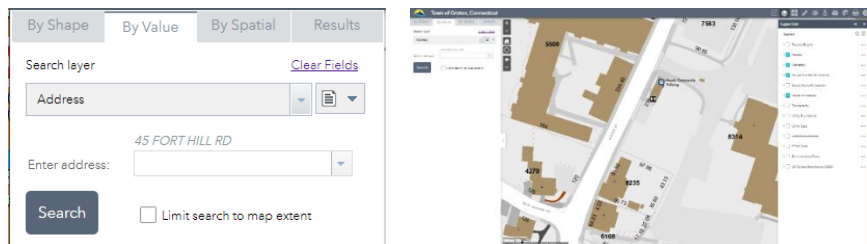
GIS Viewer

This core GIS application can be viewed in any desktop browser or mobile device. Users are able to access assessment information, deeds, property cards, and pictures. Several data sets are available for overlay including: utilities, parcel annotation, districts, such as Fire and Zoning, and environmental data. Users can also toggle between several years' worth of orthophotography and different themed basemaps, as well as produce high quality GIS maps, and perform spatial operations like buffer notifications. The values shown are based on the findings during the 2021 Town Wide Reevaluation, and the land & building characteristics are based on the findings for the 2021 Grand List.

If it's your first visit to the site, you'll be greeted with a disclaimer prompt; please take a moment to read and understand the terms of use. If you agree, click the box to the left of "I have read and agree to the website terms and conditions". Then click the "I Agree" button to proceed.



Navigate to your property of interest using the search tool at the left side of the app, or pan and zoom to the area in the map.



By default, the app will load with the "Classic" basemap enabled. This is a good general use map, but others are available from the Basemap Gallery widget at the top righthand corner of the app. Hovering the mouse over this or any icon will reveal a description of the widget's function. Aerial imagery spanning nearly a century is available. The "Neutral" basemap flattens out strong colors and reduces contrast, making it an ideal base to add additional layers or annotation to. The "Topo" basemap is geared toward illustrating the natural terrain below the Town, rather than developed features above. Every basemap has strengths and weaknesses are there is no correct one to use.



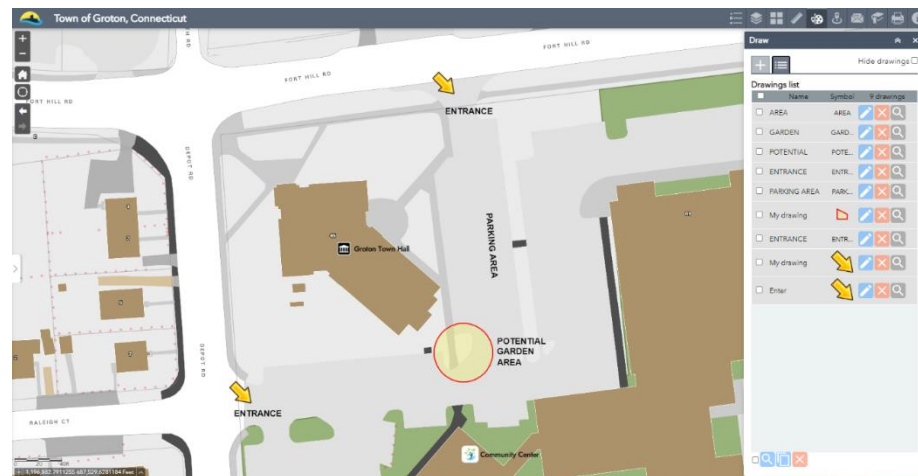
Next, you may want to add additional data from the Layer List widget. All kinds of layers are available, including Zoning, FEMA data, Voting Districts, and many others. The small caret to the left of each of group layer entry will open a list of sublayers that can be turned on or off. The ellipsis **...** next to each layer will allow for additional operations, including controlling transparency at the group layer level and visibility ranges and popups at the sublayer level. If a layer is grayed out, you'll need to zoom in closer to activate it.



You can add your own drawings, including points, lines, shapes, and annotation to the map using the Draw tool. This will not be as robust as a fully functioned drawing program (Procreate, Illustrator, CAD, etc) but may be enough for some people. Of course, you can always forego this step, export a basic map, and create your drawing/annotation in another program.



Click the **+** symbol to add a new shape or annotation. You can control fill, outline color and transparency, text size, and more.



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When you're ready, click the Print widget. It may take a few seconds to load. You can choose different sized papers and orientations in the "Layout" section and different file types in the "Format" section.



Click the "Advanced" button **Advanced** to view additional options. Printing a map is somewhat different than a traditional image because distortion cannot be introduced to the map. It is very rare that the area of your screen you wish to print will conform to the exact shape and size of the available area of the paper you've chosen. The dimensions of your monitor/device, the size of your browser window, screen resolution, and scaling settings are all factors. As such, the app will likely need to make some adjustments. You can prioritize protecting either the map's scale or the map's extent by selecting the appropriate option. Choosing one will likely affect the other. You can also enforce a specific scale by clicking the appropriate circle and entering a number. Entering "12000" will lock the scale at 1:12,000.

If you're getting unexpected results on your printed map vs your screen, one thing that may help is to take a look at the extents of the map on the print and resize the browser window to roughly match. This should give you a better sense of what the map will look like when you print again.

Map scale/extent:
 Preserve: map scale map extent
 Force scale: [current](#)

Output spatial reference WKID :

[NAD_1983_StatePlane_Connecticut_FIPS_...](#)

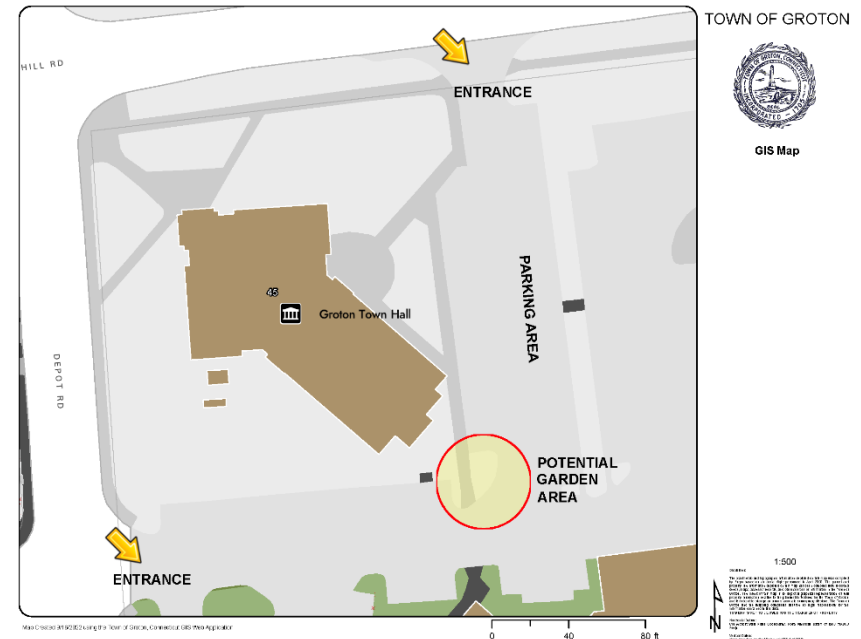
Labels:
 Show labels:
 Layout metadata:

Scale bar unit:

MAP_ONLY size:
 Width (px):
 Height (px):

Print quality:
 DPI:

Feature attributes:
 Include attributes:



Sample map

To generate your document, click the print button.



1. Creating print

Once the map is ready, you can click on the icon to load/download the map.

1. GIS Map



Questions about the GIS site can be directed to IT_HelpDesk@groton-ct.gov
 Questions about specific datasets should be directed to the relevant Town department.