1. Zoom In/Out	5.Previous Extent Navigation	9. More Mapping Sites	13. Enhanced Search (Pp. 4-5)
2. Home Extent	6. Links to Main Site or Help Guide	10. Pictometry Viewer (Pg. 3)	14. Enhanced Draw (Pp. 6-10)
3. My Location	7. Grid Layer Toggle Buttons (Pg. 2)	11. Legend	15 Bookmarks (Pg. 11)
4. Full Screen	8. Aerial Imagery Layer List (Pg. 2)	12. Layer List (Pg. 4)	16. Print (Pg. 11)

Grid Layer Toggle Buttons (Number 7):

Toggle buttons are either on or off.
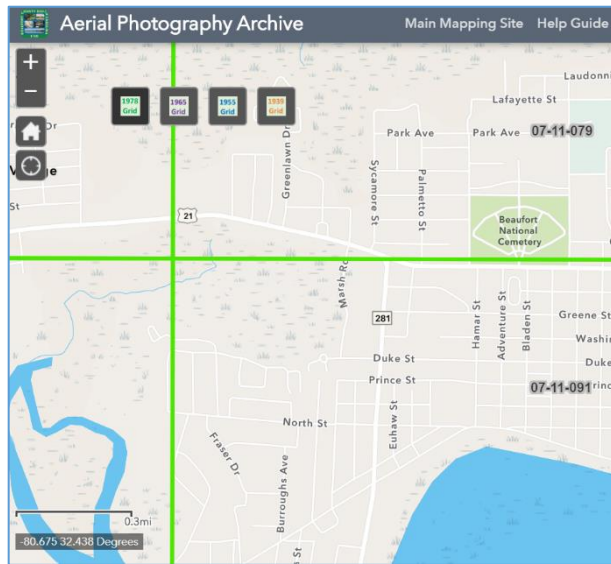

Map with 1978 grid turned on

A set of four buttons is located at **7** in the key, coinciding with photography dating to 1978, 1964, 1955, and 1939, respectively. Turning any of these layers on, activates a grid in the map, which represents the limits of the area in the photograph. Clicking on one of the grid squares opens another window with the image in it. These are basic photograph files, meaning that have no geographic reference in them.

*1978 Aerial; opens through link after clicking on grid square*

Aerial Imagery Layer List (Number 8):

The rest of the aerial images are accessible from here. Click on the check-mark next to the layer name to turn on or off. The elipse (...) opens to give options for placing one image over another, or making them more or less transparent, for comparison between them.
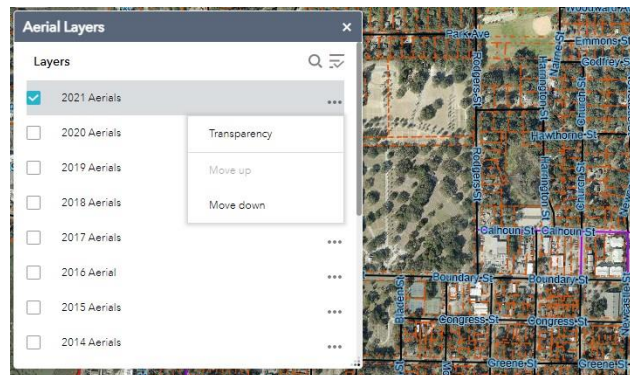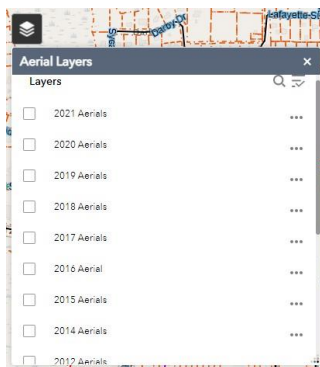
Pictometry Viewer: (Number 10)
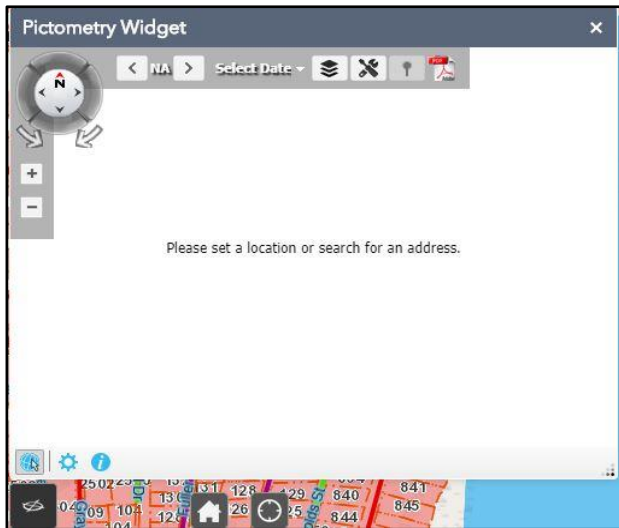
Unique and accurate, oblique aerial imagery is available to all citizens of Beaufort County through the Pictometry Viewer (at 10). To use it, click on the button, and then click on the map.


A new window will open that shows the area in question from a 45-degree perspective.

This means that you will be able to see all perspectives around any point (see compass in yellow highlight), from different heights (with zoom-in and zoom-out buttons), taken for different years (Select Date in blue circle) and have the option to export the view as a PDF document (red circle).
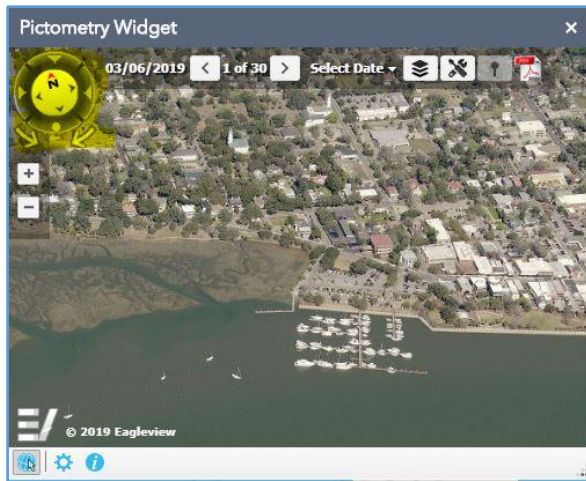
Layer List (Number 12)**:**

All non-imagery layers that you may interact with are included here. Click on the check-mark next to the layer name to turn on or off. Note that when the name is slightly grayed-out, it means that the layer is not visible at that time because of the zoom setting. Zoom in or out to make the grayed-out layer show up. Click the arrow next to the layer name to see symbols showing categories. The elipse (…) opens to give options for visibility and labeling.
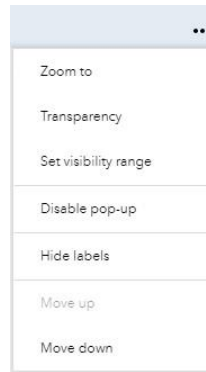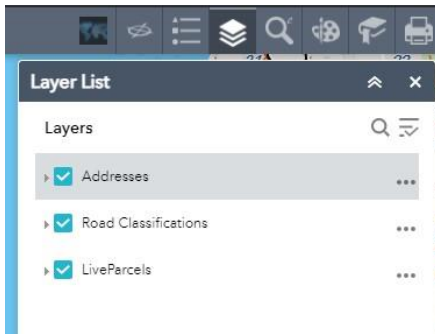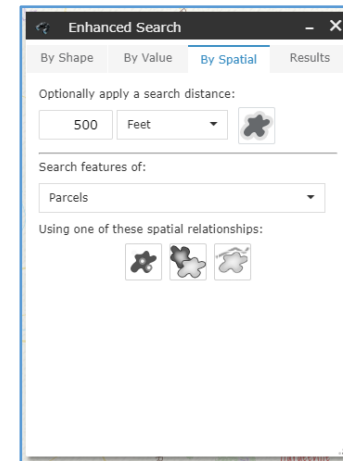
Enhanced Search:

With this tool (Button 13) you can search for items within the Parcel, Street, and Address layers. Search by shape (the first panel), or by entering a value (the second panel), to generate a list of results. After you have results, you can add or take away from your list by using spatial methods to further refine your search (the third panel).

The first panel offers an interactive search by drawing on the map to include features for results.
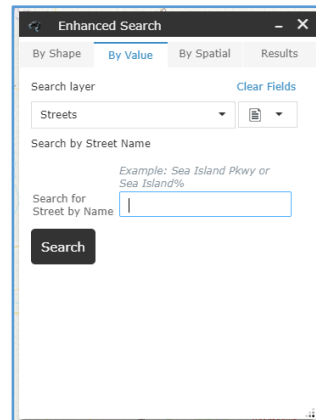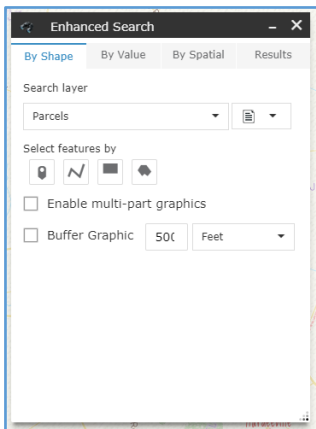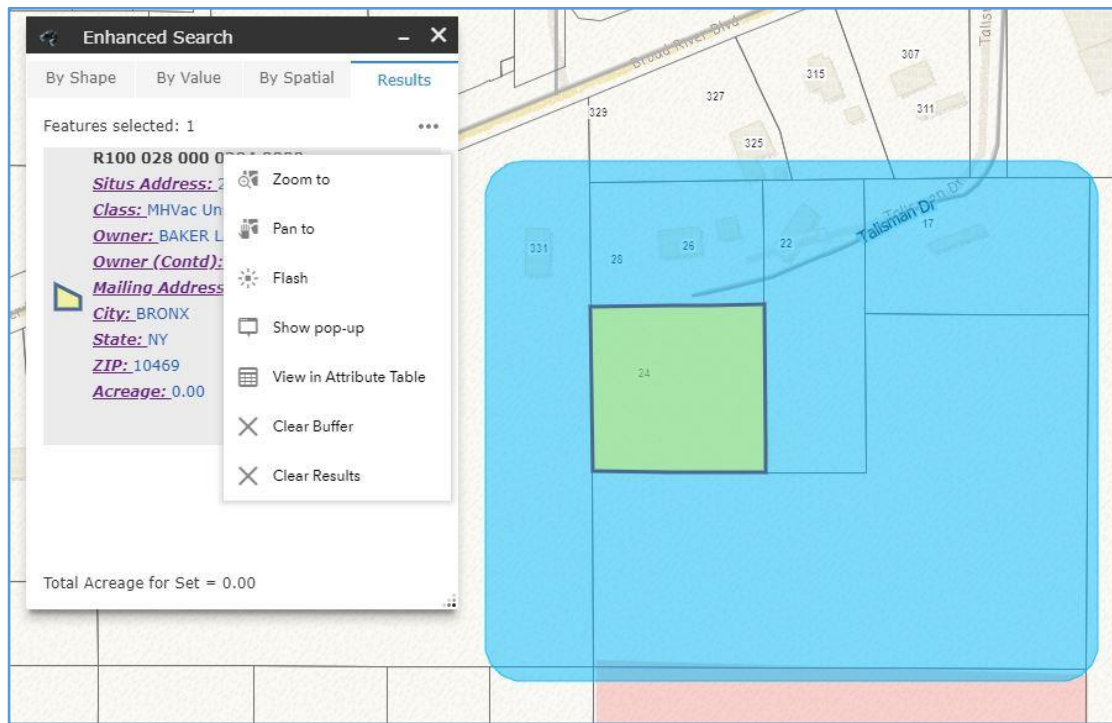
Looking for Parcels? Type in PIN or Owner Name.

Streets? Search by Street Name.

Address? Type in the entire street address, or just the number and street name, followed by

After searching by drawing a shape OR by entering a value, you can opt to enhance your search by applying a buffer around your results, or by the three different "Spatial Relationships" to target what you need.

Results list from a Parcels search. Note the different Feature action items offered when you click on the ellipse button (3-dots)

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Clicking one the text links at the bottom of the Parcel Results list opens to the Real Property record, or the District location information for that parcel
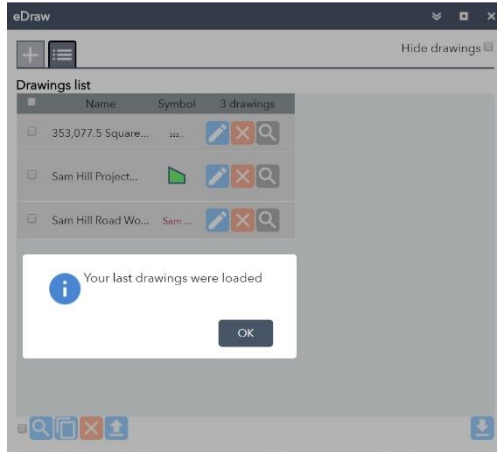
Using the eDraw Tool:

(Button 14)

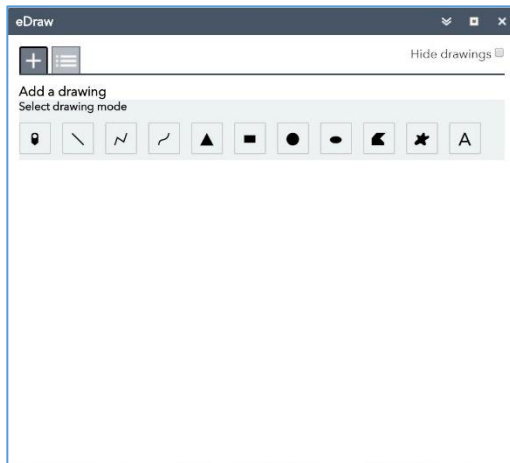Open the tool by clicking on the eDraw icon.

Upon opening, if you have saved off drawings previously, it will open and load the last set of drawings exported from this app.

This is an automatic function and may not be altered.

If this is your first use of this app, no drawings will be loaded, and it will open to the Add Drawings Panel.

Follow the instruction to "Add a drawing", by selecting the drawing mode. Available modes from left to right are: point, line, polyline (where more than one line can comprise the same "feature"), freehand line (which are drawn without clicking vertex points), triangle, rectangle, circle, ellipse, polygon, freehand polygon (drawn without clicking vertex points), and text.
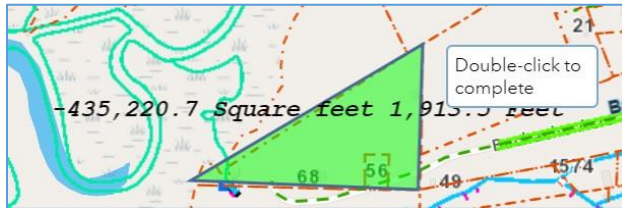
Drawing a Polygon:

Let's make a set of drawings at a sample project located along Backache Acres Road. Starting with a polygon of the project area, select the polygon tool. You are given options to choose the color of the fill, outline, transparency, and whether or not you want area and perimeter (distance) measurements to show.
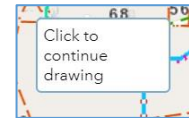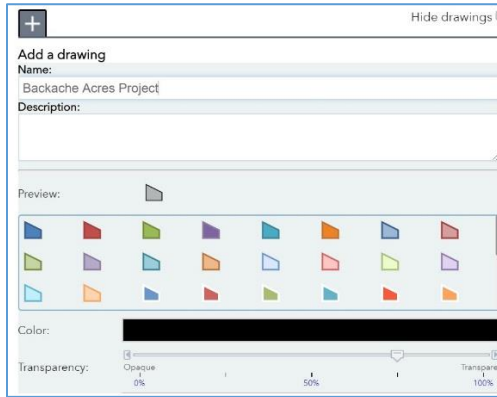

Begin drawing by clicking on the map at the location where you want to place the first point.
These points, also called "vertices", or "vertex" are places where the polygon sides change direction or start and end. After placing the first vertex, move the mouse to the next point and click. Proceed in this way, until you have the outline of your polygon, and then double-click to finish the drawing.

When you complete drawing the polygon, the view in the widget changes to show the "Drawing List" Panel. Two items show up in this list, the polygon itself (bottom), and the text indicating the square feet area and perimeter measurements that were selected to show in the polygon drawings options.
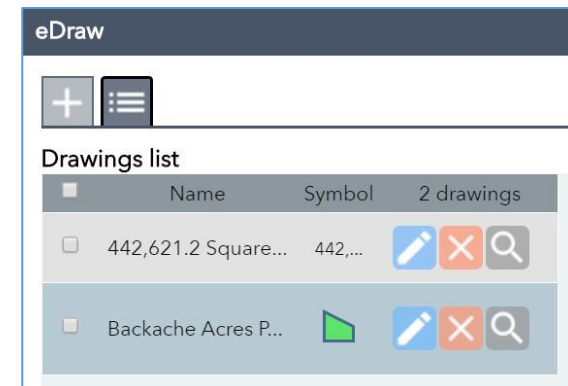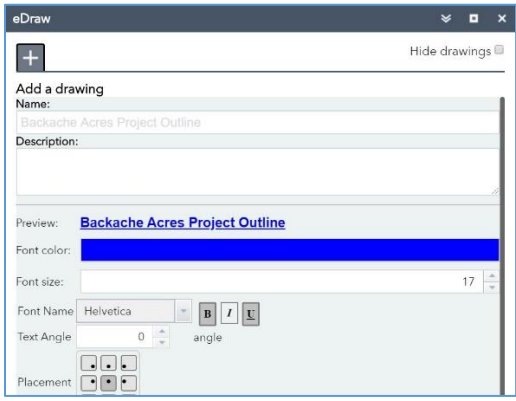
To interact with the drawings after placing them, use the three buttons in the drawing line-item:

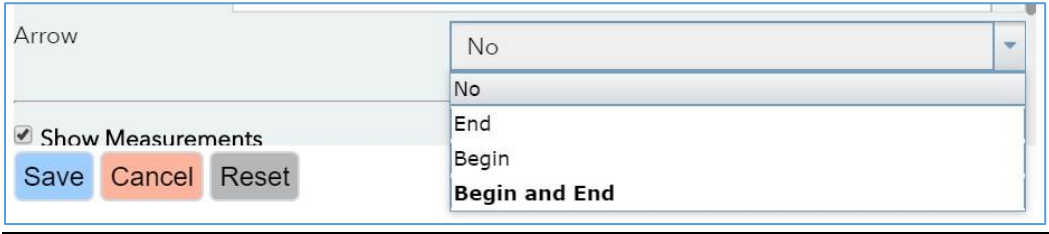Update This Drawing: Delete This Drawing: Zoom In On This Drawing:

Drawing Text is simple, accomplished by selecting the text tool, and clicking on the map where you want the text to appear. Options to choose for text drawings are font color, size, and type, angle, and placement in relation to the point at which you click. Text drawings can also be resized and moved.

Drawing a Line comes with options for arrows being present, and for placement at the beginning, end of the line, or at both ends.

Editing a line:

To change the placement of a line or a polygon, select the Update This Drawing button. Here you can change the color, size, and style, as well as the placement. The vertices of the line show as gray circles, which are handles that you use to move the way the line lays. You can add a vertex by hovering on the line, and right-clicking.

Exporting Finished Drawing Set

So, after placing a polygon, text, and a line, we have a finished drawing set.
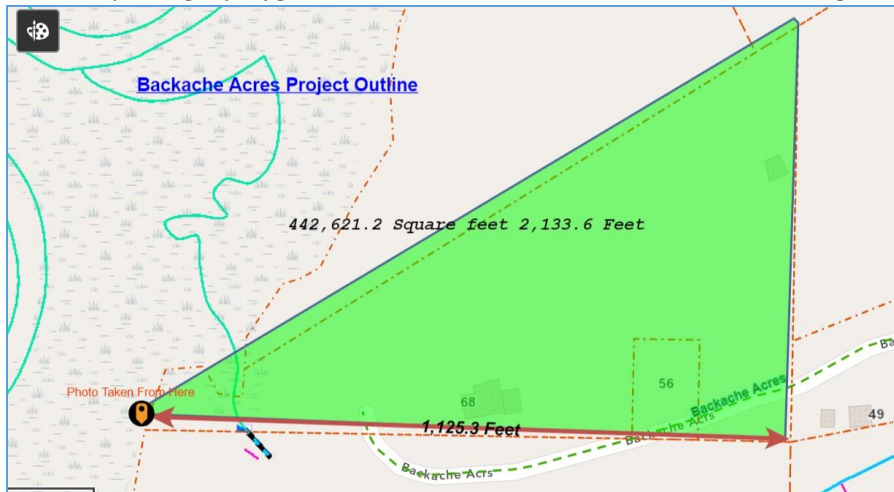
To export the entire set, click in the small box all the way to the left, at the bottom of the Drawing List Panel. All of the items are now selected. If you want to exclude some of the drawn items, take the black check mark out of the box next to its name. Once you have the drawing items you want to export selected, click the blue arrow at the right end of this row, called the Export Drawings button.

This will trigger a download, automatically placing the drawings as a .json file to C:/Downloads, calling it "myDrawings". Copy, paste, and rename as you wish to a consistent location on your computer or network.

Importing and Revising Previously Drawn Sets:

If needing to work with previous drawings for revisions…

Could just open the app, if working with the last set of drawings that you made or edited. OR, if you need to use a different set… hit load button , located at the bottom-right side of the Drawing List Panel, and then browse through the windows dialogue to where you store these drawings and select the .json file of drawings to revise.

Once loaded, the map should automatically zoom to this set of drawings. If not, select all and use the Zoom to Drawings button (located next to the small select box).

Bookmarks:

The bookmark tool (at 15) offers a way to zoom to regions within Beaufort County boundaries quickly. If you are working in an area that is not bookmarked and want to view it again while the map is open, you can add your own bookmark by clicking the "Add" button. Upon creating it, you can change the name to what you want. As long as you have access to this site from your PC, laptop, or mobile device, your bookmarks will remain intact.
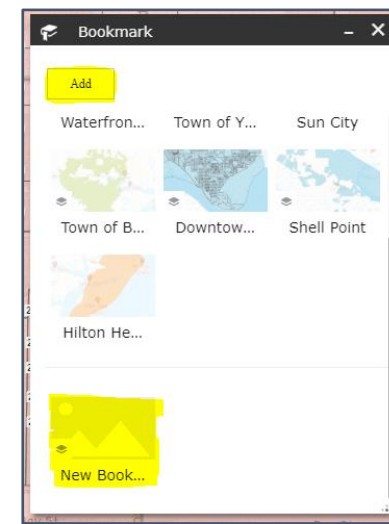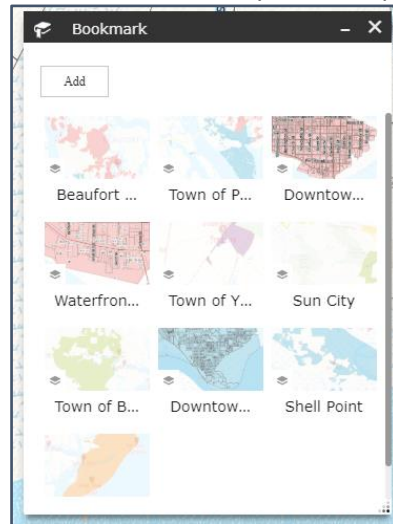
Print: (Number 16)
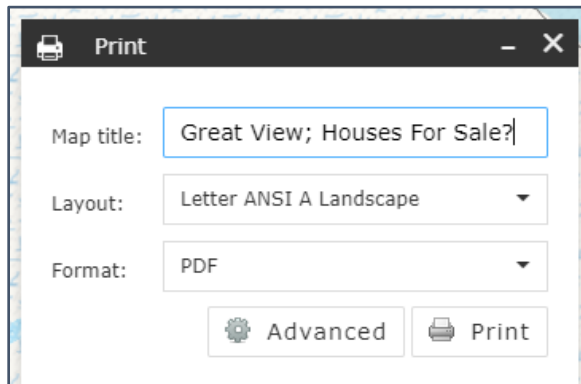
Once you have a map view that you want to save, you can print or save it as a type of image file. When you open the Print tool (at 15), you can give your map a title, choose the size and orientation of the map, and what kind of image file you want to use. The Advanced button opens a window with options for scale, labeling, including or excluding the legend (it is included by default), the size and shape of the map view, scale bar units, and print quality.

When ready, hit Print and it will allow you to save the image file to any area on your machine.