Embed Maps

on web page

Plan your web page

- Determine content
  - Two web maps
  - Text to explain web maps such as:
    - Background (news article.....)
    - Data sources
    - Methods used
    - Results
  - Possible images/charts to support map content

Add Boilerplate HTML stuff

```
<!DOCTYPE html>
<html lang="en-us">
    <head>
      <meta name="viewport" content="initial-scale=1.0">
      <meta charset="utf-8">
      <title>GEG 485/585 Embed Maps</title>
      <link rel="stylesheet" href="arcgisembedcss.css">

    </head>

    <body>
    <div>
        <h1>High-end Homes Mapping Example</h1>
```

Anything you want

Link to my css file

Anything you want

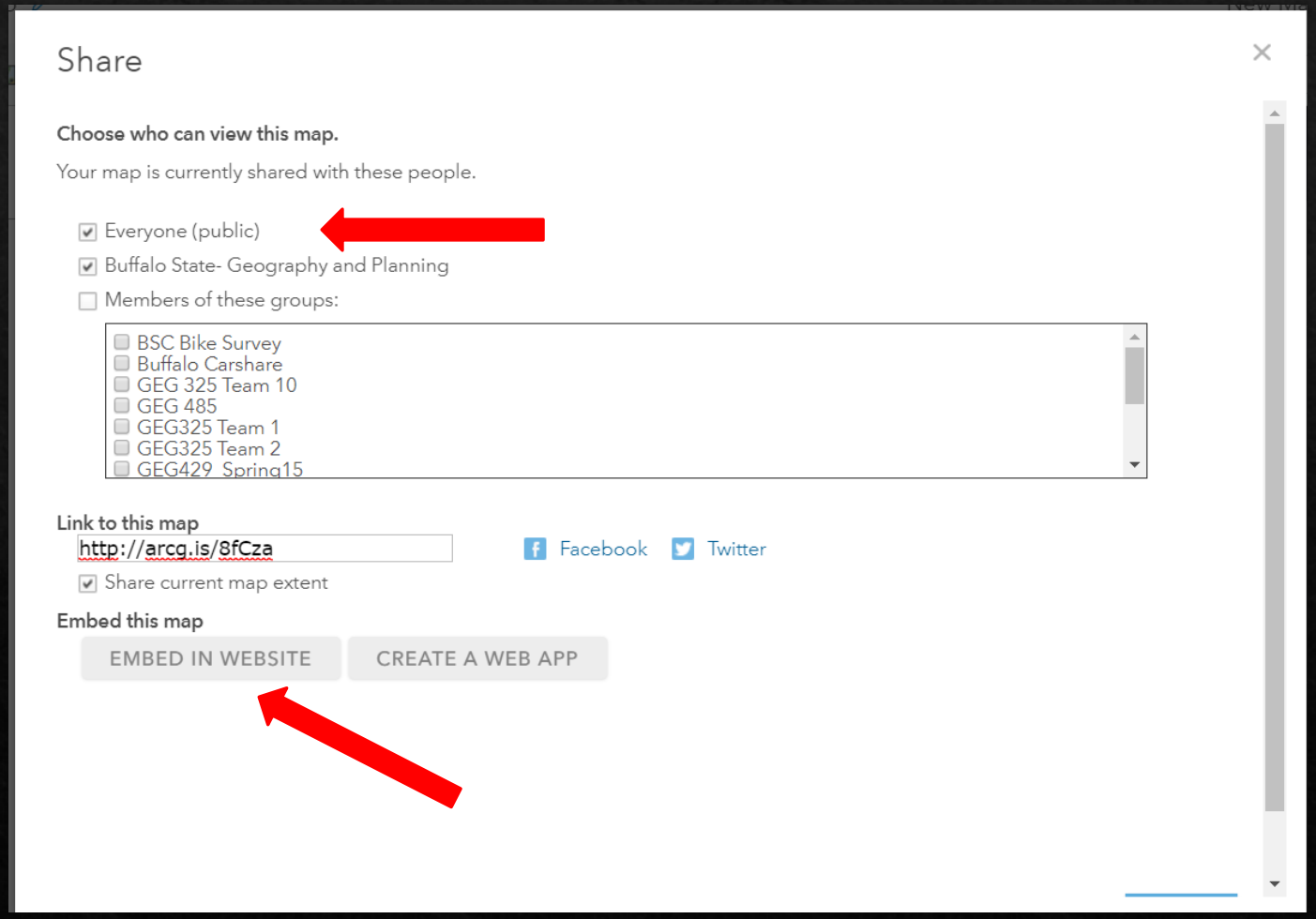
```
    </div>

    </body>
</html>
```

Use Notepad++. Save your file as embed.html.
If you do not want to have a separate css file, put your <style> information in the <head> section.

In Map View on ArcGIS Online, SHARE to Embed

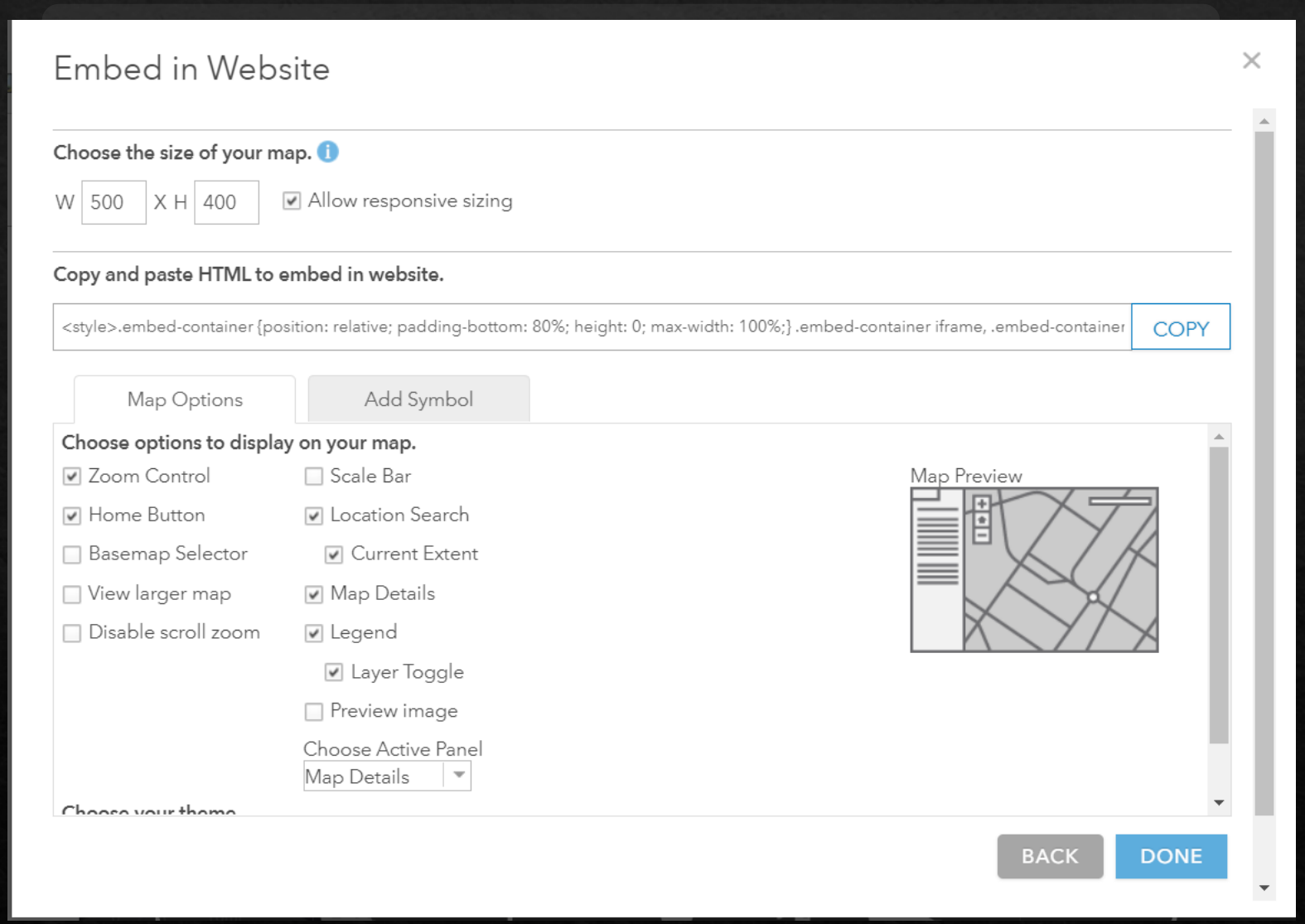
You have to do this for each map that you intend to embed.



Embed Menu

- These options can be set before copy and paste the HTML or you can modify the HTML after you have copied and pasted it into your HTML file.
- Change size or use default.
- Easier to select Map Options BEFORE you copy the html.
- The html is copied to the clipboard. You should paste it into your embed.html file.
- There are other options not listed here. You can read about them here:

https://doc.arcgis.com/en/arcgis-online/reference/embed-map-parameters.htm



Result of copy and paste HTML

<style>.embed-container {position: relative; padding-bottom: 80%; height: 0; max-width: 100%;} .embed-container iframe, .embed-container object, .embed-container iframe{position: absolute; top: 0; left: 0; width: 100%; height: 100%;} small{position: absolute; z-index: 40; bottom: 0; margin-bottom: -15px;}</style> <iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0" marginwidth="0" title="High-End Homes (ACS18)" src="//bscgeog.maps.arcgis.com/apps/Embed/index.html?webmap=a07afc9957734661b681f9f04a0a9e11&extent=-79.9166,42.1532,-76.6812,43.3871&home=true&zoom=true&previewImage=false&scale=false&search=true&searchextent=true&details=true&legendlayers=true&active_panel=details&disable_scroll=false&theme=light"></iframe>

Cut everything between <style></style>

- <style>.embed-container {position: relative; padding-bottom: 80%; height: 0; max-width: 100%;} .embed-container iframe, .embed-container object, .embed-container iframe{position: absolute; top: 0; left: 0; width: 100%; height: 100%;} small{position: absolute; z-index: 40; bottom: 0; margin-bottom: -15px;}</style> <iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0" marginwidth="0" title="High-End Homes (ACS18)" src="//bscgeog.maps.arcgis.com/apps/Embed/index.html?webmap=a07afc9957734661b681f9f04a0a9e11&extent=-79.9166,42.1532,-76.6812,43.3871&home=true&zoom=true&previewImage=false&scale=false&search=true&searchextent=true&details=true&legendlayers=true&active_panel=details&disable_scroll=false&theme=light"></iframe>
- Put this into your .css file

CSS file example

<style>.embed-container {position: relative; padding-bottom: 80%; height: 0; max-width: 100%;} .embed-container iframe, .embed-container object, .embed-container iframe{position: absolute; top: 0; left: 0; width: 100%; height: 100%;} small{position: absolute; z-index: 40; bottom: 0; margin-bottom: -15px;}</style>

REMEMBER in a CSS file you do not need the <style> tags but in the <head > section you do!

```css
.embed-container {
    position: relative;
    padding-bottom: 80%;
    height: 0;
    max-width: 100%;
}
.embed-container iframe,
.embed-container object,
.embed-container iframe{
    position: absolute;
    top: 0;
    left: 0;
    width: 90%;
    height: 90%;

}
small{
    position: absolute;
    z-index: 40;
    bottom: 0;
    margin-bottom: -15px;
}
```

Put into your html between <body></body> tags.

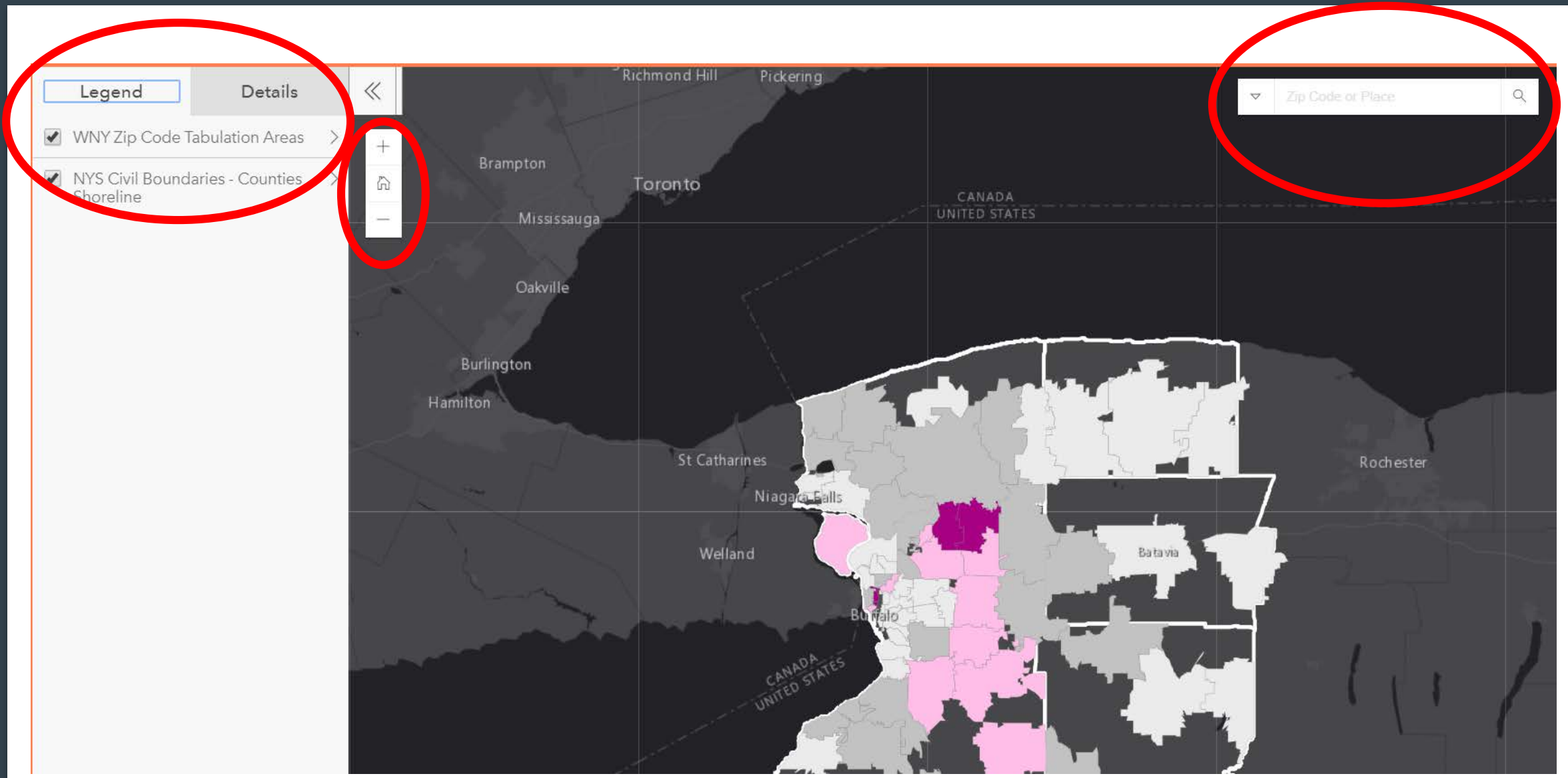
<iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0" marginwidth="0" title="High-End Homes (ACS18)" src="//bscgeog.maps.arcgis.com/apps/Embed/index.html?webmap=a07afc9957734661b681f9f04a0a9e11&extent=-79.9166,42.1532,-76.6812,43.3871&home=true&zoom=true&previewImage=false&scale=false&search=true&searchextent=true&details=true&legendlayers=true&active_panel=details&disable_scroll=false&theme=light"></iframe>

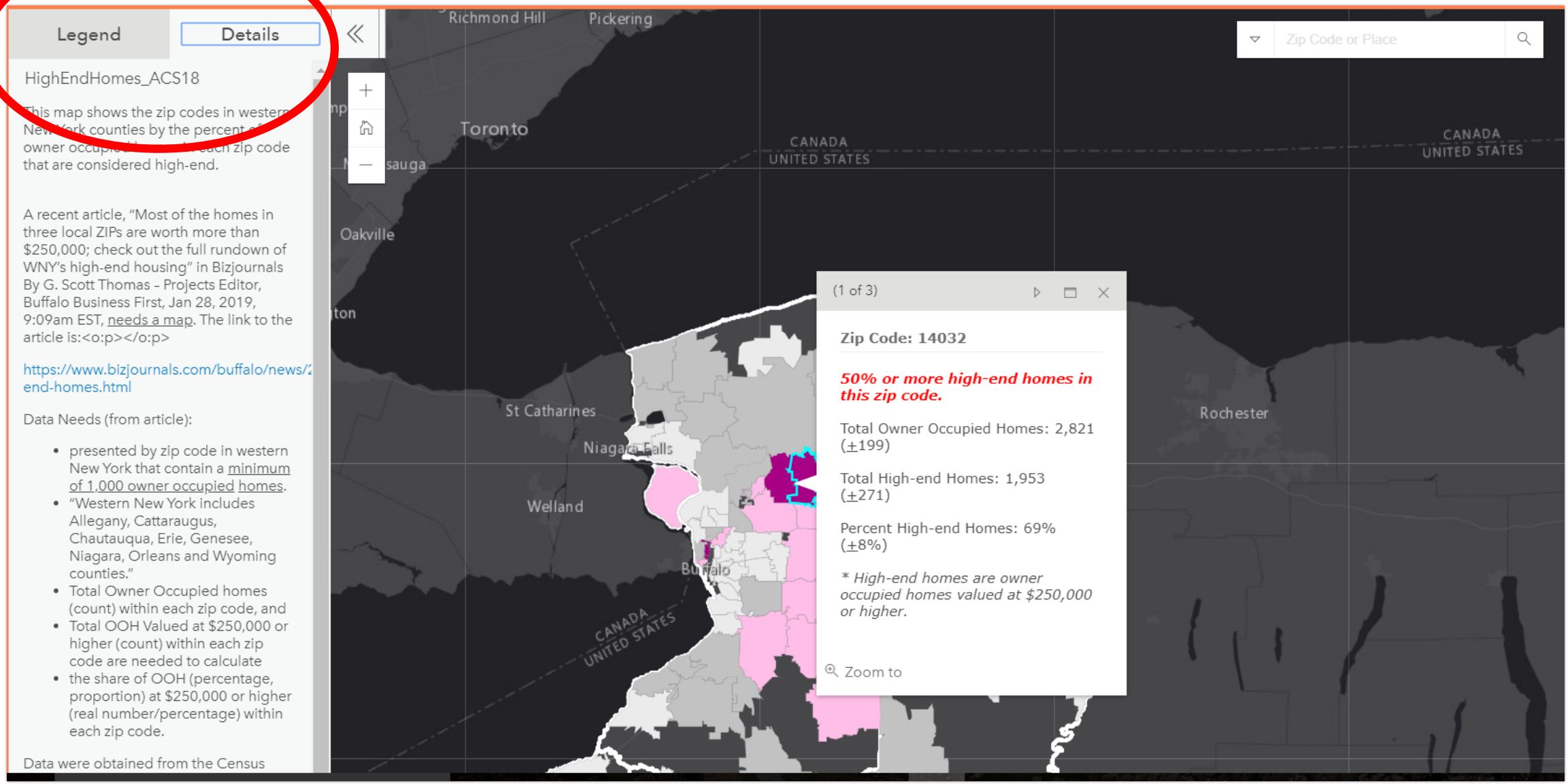
```
<div class="row">
  <div class="col-md-12">
    <p>PUT SOME STUFF HERE ABOUT FIRST MAP</p>
    <div class="embed-container">
      <iframe width="500" height="400" frameborder="4" scrolling="no" marginheight="
    </div>
  </div>
</div>
```

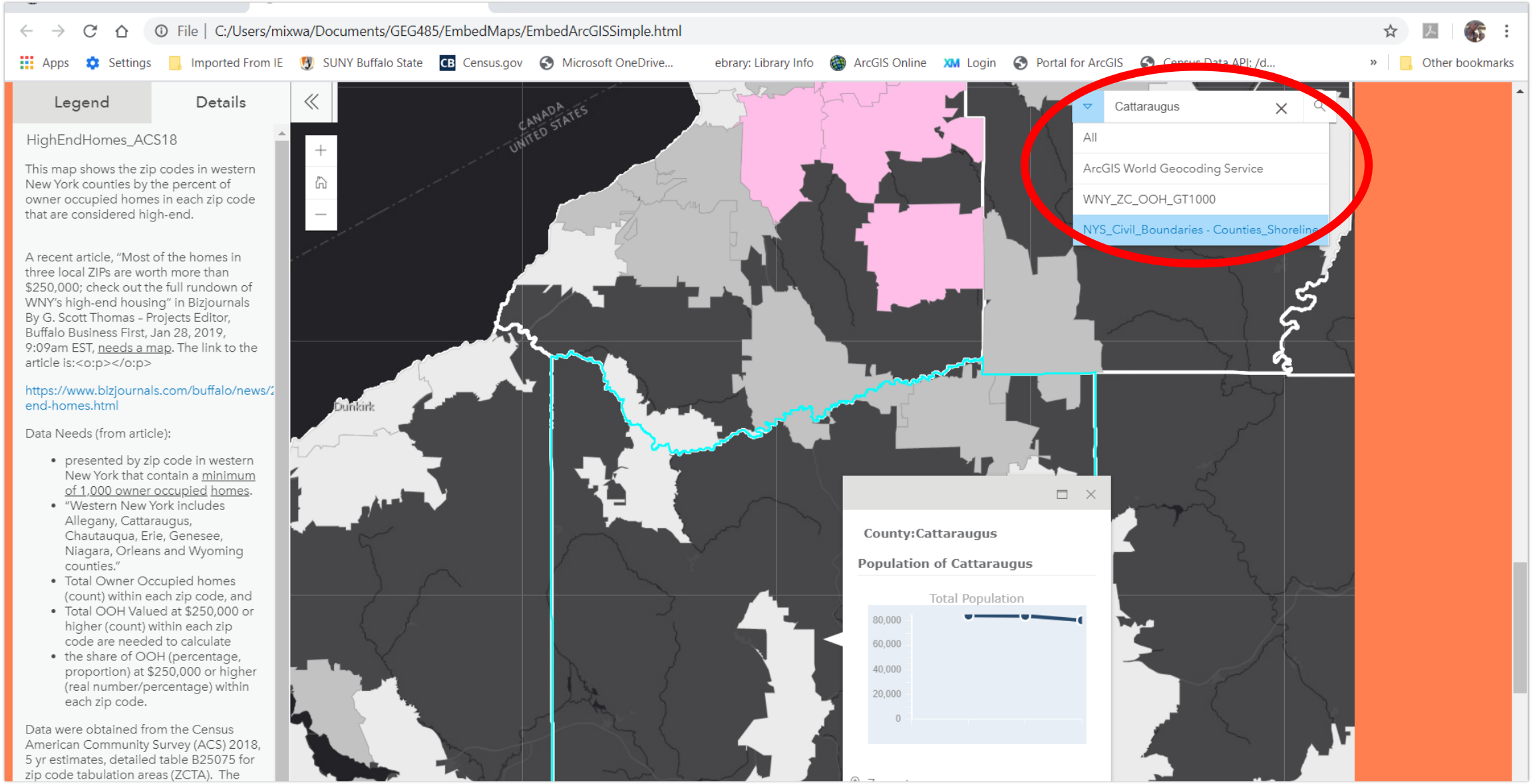
Change src tag

<iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0" marginwidth="0" title="High-End Homes (ACS18)"
src="//bscgeog.maps.arcgis.com/apps/Embed/index.html?webmap=a07afc9957734661b681f9f04a0a9e11&extent=-79.9166,42.1532,-76.6812,43.3871&home=true&zoom=true&previewImage=false&scale=false&search=true&searchextent=true&details=true&legendlayers=true&active_panel=legend&disable_scroll=false&theme=light"></iframe>

TO


Legend
Details
WNY Zip Code Tabulation Areas
NYS Civil Boundaries - Counties Shoreline
Zip Code or Place
Richmond Hill
Pickering
Brampton
Toronto
Mississauga
CANADA
UNITED STATES
Oakville
Burlington
Hamilton
St Catharines
Niagara Falls
Welland
Batavia
Buffalo
Rochester
CANADA
UNITED STATES


Legend
Details
HighEndHomes_ACS18
This map shows the zip codes in western New York counties by the percent of owner occupied homes in each zip code that are considered high-end.
A recent article, "Most of the homes in three local ZIPs are worth more than $250,000; check out the full rundown of WNY's high-end housing" in Bizjournals By G. Scott Thomas - Projects Editor, Buffalo Business First, Jan 28, 2019, 9:09am EST, needs a map. The link to the article is:<o:p></o:p>
https://www.bizjournals.com/buffalo/news/2 end-homes.html
Data Needs (from article):
presented by zip code in western New York that contain a minimum of 1,000 owner occupied homes.
"Western New York includes Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans and Wyoming counties."
Total Owner Occupied homes (count) within each zip code, and
Total OOH Valued at $250,000 or higher (count) within each zip code are needed to calculate
the share of OOH (percentage, proportion) at $250,000 or higher (real number/percentage) within each zip code.
Data were obtained from the Census
Richmond Hill
Pickering
Toronto
CANADA
UNITED STATES
Oakville
St Catharines
Niagara Falls
Welland
Buffalo
Rochester
Zip Code or Place
(1 of 3)
Zip Code: 14032
50% or more high-end homes in this zip code.
Total Owner Occupied Homes: 2,821 (±199)
Total High-end Homes: 1,953 (±271)
Percent High-end Homes: 69% (±8%)
* High-end homes are owner occupied homes valued at $250,000 or higher.
Zoom to


File | C:/Users/mixwa/Documents/GEG485/EmbedMaps/EmbedArcGISSimple.html
Apps
Settings
Imported From IE
SUNY Buffalo State
Census.gov
Microsoft OneDrive...
ebrary: Library Info
ArcGIS Online
Login
Portal for ArcGIS
Other bookmarks
Legend
Details
HighEndHomes_ACS18
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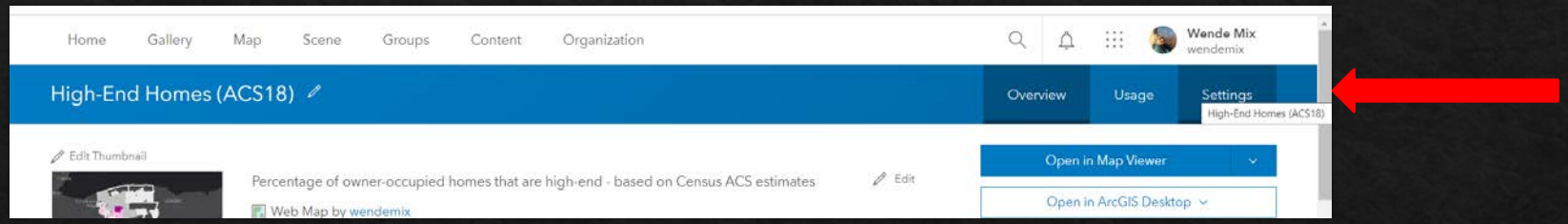
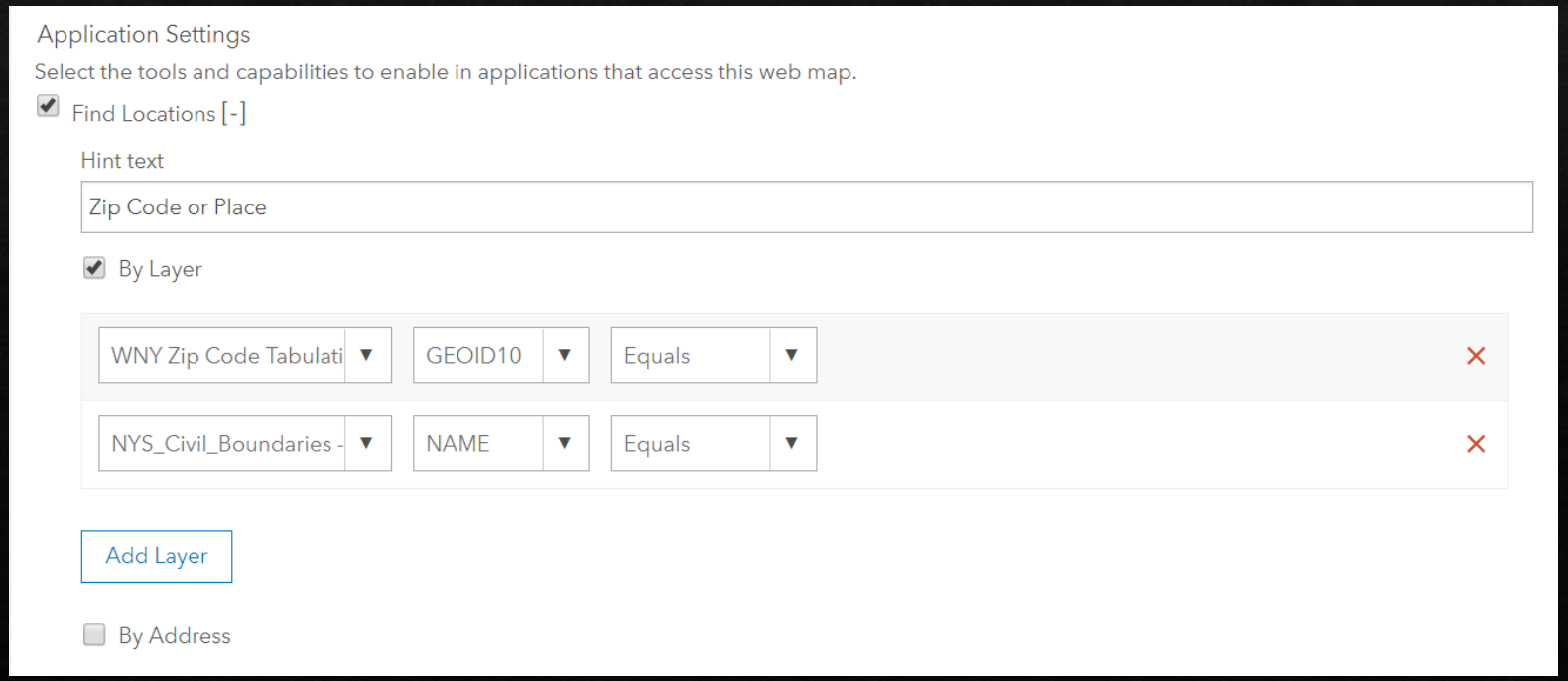
Total OOH Valued at $250,000 or higher (count) within each zip code are needed to calculate
the share of OOH (percentage, proportion) at $250,000 or higher (real number/percentage) within each zip code.
Data were obtained from the Census American Community Survey (ACS) 2018, 5 yr estimates, detailed table B25075 for zip code tabulation areas (ZCTA). The
CANADA
UNITED STATES
Dunkirk
Cattaraugus
All
ArcGIS World Geocoding Service
WNY_ZC_OOH_GT1000
NYS_Civil_Boundaries - Counties_Shoreline
County:Cattaraugus
Population of Cattaraugus
Total Population
80,000
60,000
40,000
20,000
0

Things to Do

- Make sure you edit the details section for each map if you are going to include the Details Pane in your embedded map.
- You can always allow the ESRI address search BUT if you want users to search your specific layers you must make them searchable. (SEE NEXT SLIDE)
- Every visible layer will have a pop-up unless you disable it!
- Configure your pop-ups in ArcGIS Online.
- You can always edit the html. If you change a layer name or the map name, etc. Save and regenerate the html for embedding.
- This process involves a lot of back and forth between ArcGIS online and Notepad++ - be patient while trying to achieve the look and feel that you want for your sight.

Click on Settings in the Overview Window



- Scroll down to application details. Add layers to search.