Final Design

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Systems

- This project is building off of the already existing Keweenaw Time Traveler website and codebase.

- With this application you can look through the history of the Keweenaw through maps as well as information on people, places, buildings, and stories from around the area.

- Our focus was on the search functionality of this application in order to make searching for information more efficient, effective and easy to use.

- A feature of the search is the ability to feature results. Our filters are separated into categories with sub-options underneath each category. The method of filter is using is or'ing the sub-options together and then and'ing together all the filter categories in order to find more relevant results for the user

Users

- *Scientists --* Are studying the history of the Keweenaw area and are using this site as a resource and tool for research purposes. These users may also want to contribute to the data.

- *Local residents --* Are interested in learning more about the history of the Keweenaw area. These users may also want to contribute to the stories and data.

- *Tourists --* Are visiting the Keweenaw area and are interested in learning more about the area and the history around the area.

- *General public users --* Are interested in learning more about the history of this area, even though they don't live in the Keweenaw area.. These users may have people related to them who lived in the Keweenaw area before. These users may also contribute to the stories and data.

App Demonstration

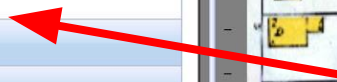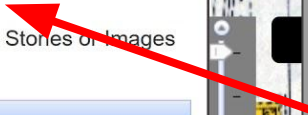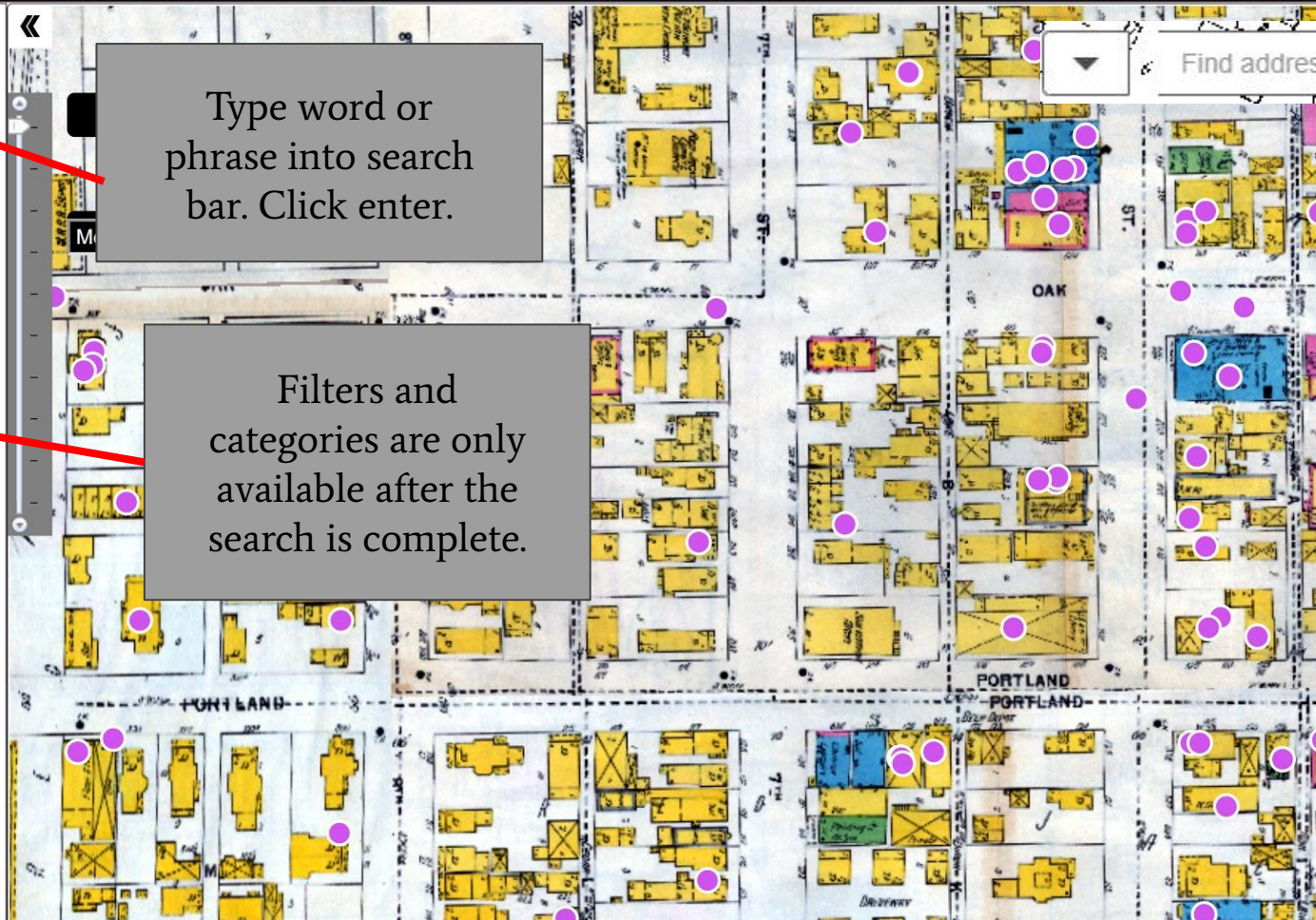Home   Help   Share Story

Location: Calumet   Year: 1900

Agnes ✕ 🔍

Search Address, People, Places, Stories or Images

Filters

Filters will be available after a search is done

BldgInfo

People

Place

Stories/images

Find addres

Type word or phrase into search bar. Click enter.

Filters and categories are only available after the search is complete.

Location:
Calumet

Year:
1900

Search

Select a result below

Filters

Year

Record Type

Location

Bldgs(0)

People(0)

Places(3)

Stories(1)

After selecting searching, the filters can be selected. These are multi-select filters that when applied will filter the search results.

Find address or pl

OAK ST.

PORTLAND
PORTLAND

PORTLAND

DRIVEWAY

Home | Help | Share Story

Location: Calumet

Year: 1900

Search

Select a result below

- Filters
  Year
  - ☑ 1888
  - ☑ 1900
  - ☐ 1908
  - ☐ 1917
- Bldgs(0)
- People(0)
- Places(3)
- Stories(1)

Find address or place
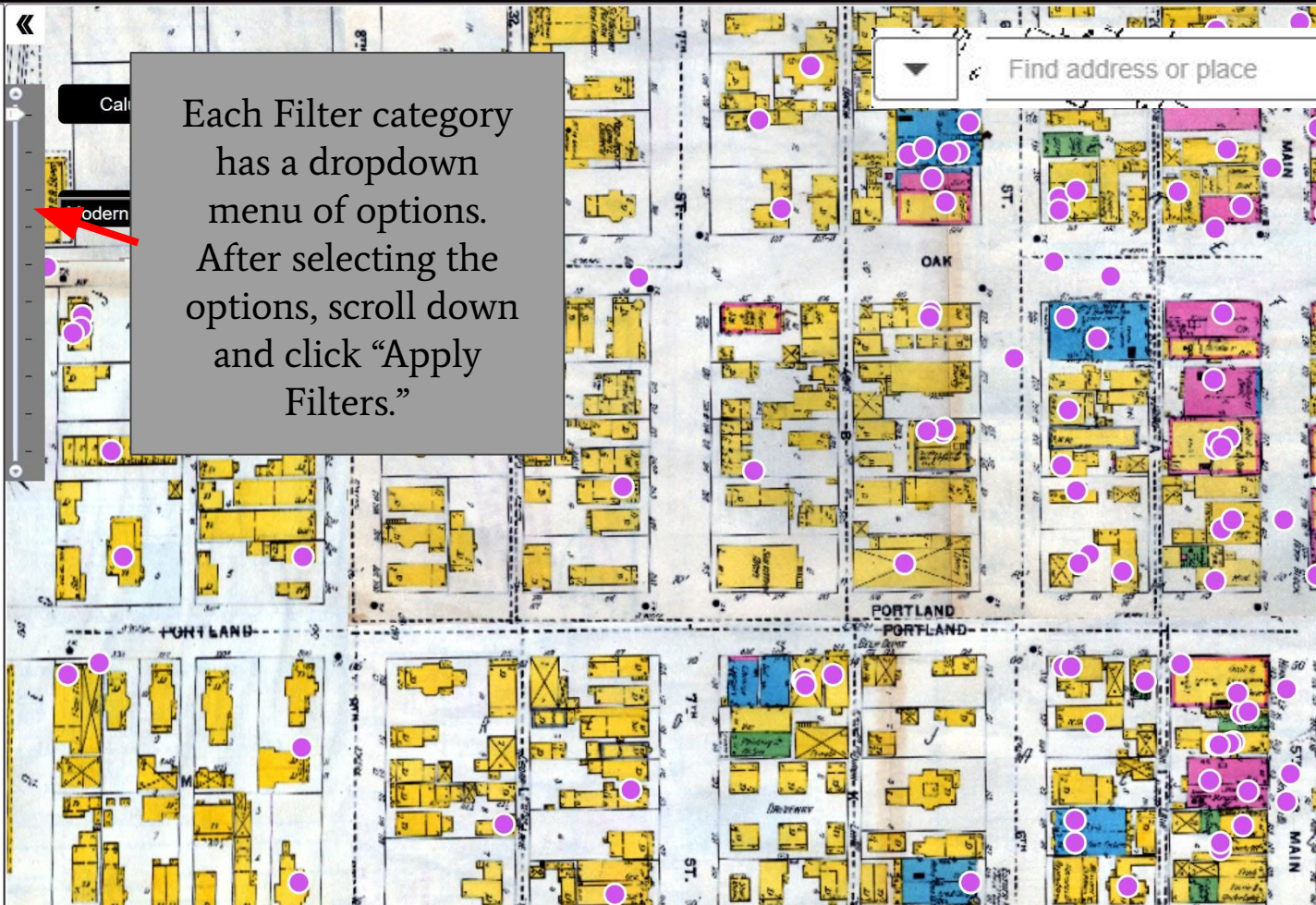
Each Filter category has a dropdown menu of options. After selecting the options, scroll down and click "Apply Filters."

Location: Calumet

Year: 1900

Select a result below

- ▷ Filters
- ▷ Bldgs(0)
- ▽ People(195)

Agnes Smith, Houghton,1900

Agnes C Smith, Houghton,1928

Agnes null Smith null, Lake Linden,1928

Albert Smith, Houghton,1908

Albert Smith, Hancock,1917

Alice M Smith, Hancock,1917

Alice Smith, Laurium,1942

Alnstine Smith, South Houghton County,1908

Alverta Smith, Laurium,1942

Ambrose C Smith, Hancock,1917

Annie Smith, Calumet,1900

More Results

- ▷ Places(28)
- ▷ Stories(13)

Find address or place

Calumet 1

Modern Satelli

Opening a category
will show the top
ten results..

Clicking more results
will show the rest of
the results

PORTLAND
PORTLAND

Maxar | Keweenaw NHP Archives, National Park Service, Historical Enviro...
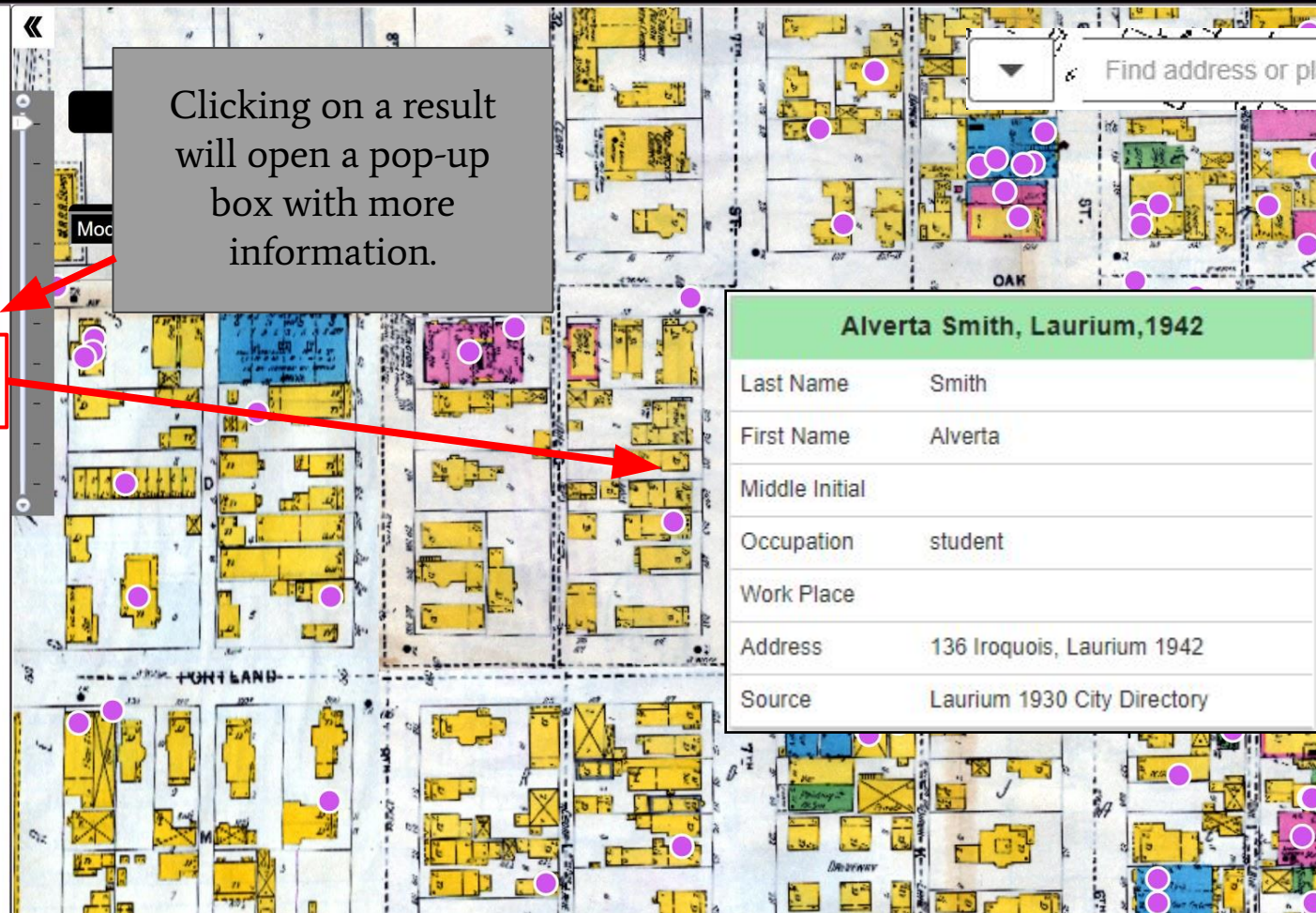
POWERED BY esri

Location:
Calumet

Year:
1900

Search

Select a result below

- ▶ Filters
- ▶ Bldgs(0)
- ▶ People(0)
- ▶ Places(3)
- ▶ Stories(1)
  - Agnes Bone Rule,1934

Clicking on a result will open a pop-up box with more information.

Alverta Smith, Laurium,1942	
Last Name	Smith
First Name	Alverta
Middle Initial	
Occupation	student
Work Place	
Address	136 Iroquois, Laurium 1942
Source	Laurium 1930 City Directory

Find address or pl

OAK

PORTLAND

Location: Calumet

Year: 1900

Search 🔍

No results found

▸ Filters
⊙ Bldgs(0)
⊙ People(0)
⊙ Places(0)
⊙ Stories(0)

No stories were found

Find address or plac

When no results are available, a message will appear and all the categories will have zeroes by their names.

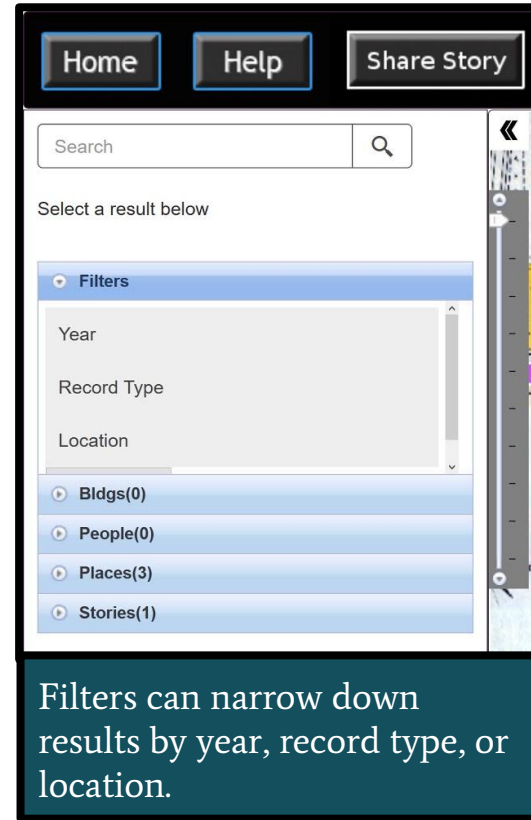Will also display no results messages based on the category.

OAK

PORTLAND
PORTLAND
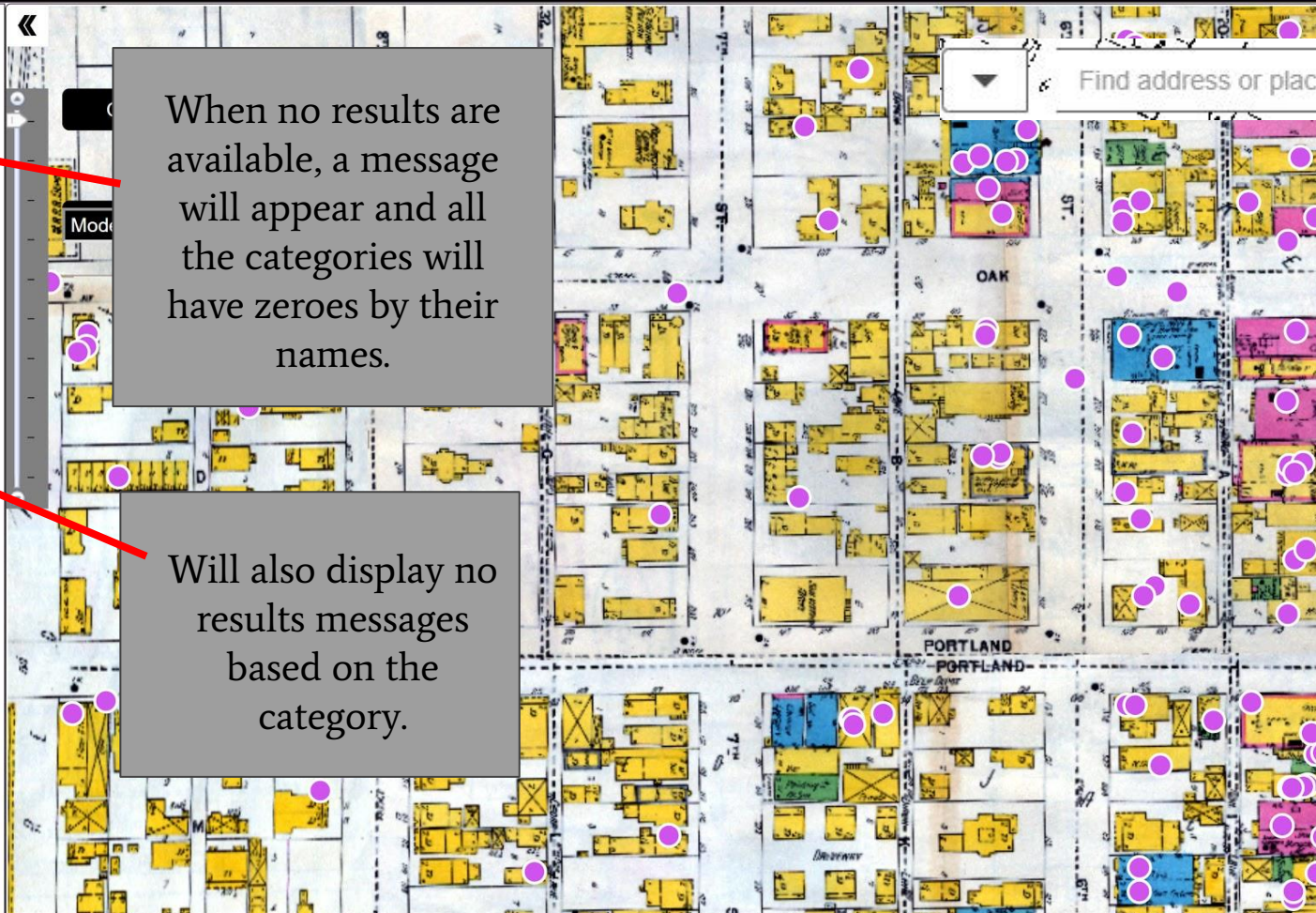
Other Concerns

Instructional Content pt I

- Original idea was to create help menu with short video clips and descriptions

- Because of our uncertainty regarding the visuals in the implemented version compared to the one we're working with, the idea was dropped

- The help menu will now have instructions comprised of screenshots with instructional captions

Filters can narrow down results by year, record type, or location.

Instructional Content pt II

Current Introductional Instructions

Potential Usability Concerns

- Steps might not be intuitive enough

- Error information might be inadequate

- New pop-up menus and pages might distract user from using the search tool

- Could be cases where too much information is available, especially with large amounts of people with same last names.

- Filters needing to be manually erased may not be obvious to user and may cause confusion

- Bio/story information will either be in the way of the map or hidden by the categories list

Current Implementation

- Allows for search, brings up results into separate categories from which the user can select to see more results if they desire.

- Removed the tabs for different kind of searches. Now there is only one search that calls the database for information.

- Filters have been added which will appear after a user as entered in a search term.

- There is now a help button which when clicked will give users information on how to perform a search.

Features to be implemented

- When an item is clicked on its separate information will be delegated to a pop-up.

- Combine all the php search scripts and make some edits in order to improve the functionality of the search.

- Include an instructional video in the help pop-up window.

- Fix bugs within the filter functionality.

Questions?