MIMAP TOOLS (cont.)

Mark Up

Your Name | `Your Name PG`

Your Name - You must provide a name or identifier for yourself to create markup. This name will appear in the grid below for all markup that you create.

Category | `Category Planning`

Category - Markup is placed in categories for ease of management. Select an appropriate category from this list before creating new markup. Upon selecting a category the grid will update to show all available markup groups in that category.

Markup Group | New Zoom To Delete To KML
Title `575 NE St Proposed Bldg Lot`

Markup Group - Shapes and text that you create are stored in named groups. The following functions let you manage these markup groups.

New - Creates a new, untitled markup group in the selected category assigned to your name. Once you click this you can use the various tools described below to create the markup graphics.
Zoom To - Zooms the map to the extent of all the shapes and text in the current markup group. Use this if you have panned away from the markup group and wish to return to it.
Delete - Deletes the current markup group. The markup will be removed from the map and grid.
To KML - Exports the current markup group to a file which can be displayed in Google Earth.
Title - The title of the current markup group. This defaults to [untitled] for new markup groups. Change this to a short phase which accurately describes the markup group.

Draw Point - When this is selected, click on the map to draw a small, circular point symbol.

Draw Line - When this is selected, click on the map multiple times to draw a line with multiple vertices. Double-click to end the line.
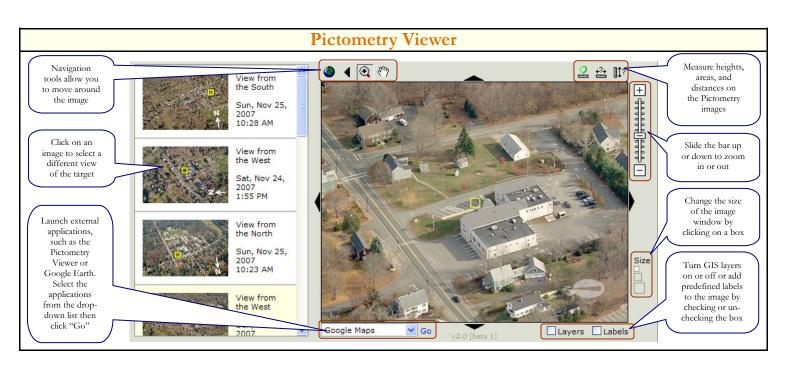
Draw Polygon - When this is selected, click on the map multiple times to draw a semi-transparent polygon. Double-click to end the polygon.

Draw Circle - When this is selected, press the mouse button on the map to define the center of a circle, drag to size the circle, and release to finish drawing the circle.

Draw Measured Length - When this is selected, click on the map multiple times to draw a line with multiple vertices. Text showing the length of the line will display with the line. Double-click to end the line.

Draw Measured Area - When this is selected, click on the map multiple times to draw a semi-transparent polygon. Text showing the area of the polygon will display inside the polygon. Double-click to end the polygon.

Delete Markup - When this is selected, click on individual markup shapes and text to delete them.

Pick Color - When this is selected, click on a markup shape to set its color as the current drawing color.

Fill With Color - When this is selected, click on a markup shapes to change its color to the current drawing color.

Draw Text - When this is selected, click on the map to place the text you specified in the box to the right. To make the text glow with a background color, check the Glow box and click the color selector next to Glow to choose the color.
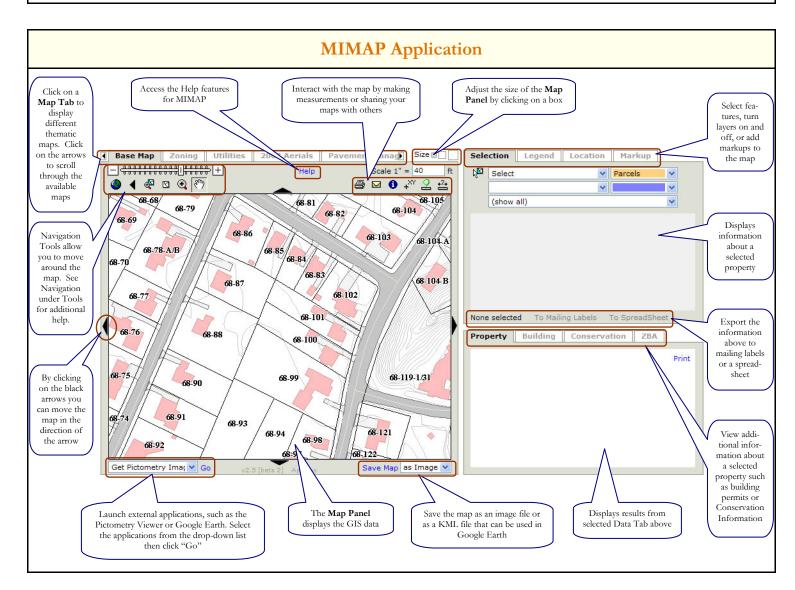
Pictometry Viewer

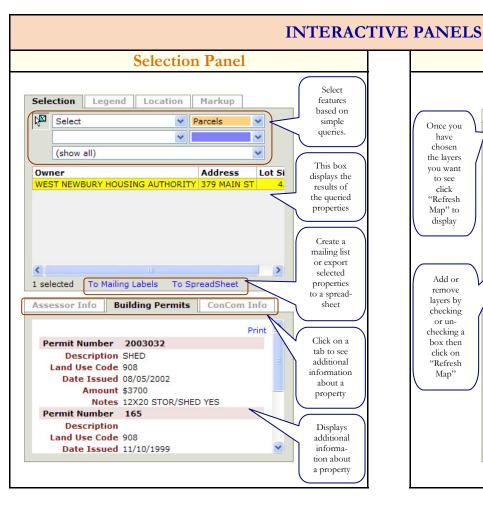- Navigation tools allow you to move around the image
- Click on an image to select a different view of the target
- Launch external applications, such as the Pictometry Viewer or Google Earth. Select the applications from the drop-down list then click "Go"
- Measure heights, areas, and distances on the Pictometry images
- Slide the bar up or down to zoom in or out
- Change the size of the image window by clicking on a box
- Turn GIS layers on or off or add predefined labels to the image by checking or un-checking the box

View from the South Sun, Nov 25, 2007 10:28 AM
View from the West Sat, Nov 24, 2007 1:55 PM
View from the North Sun, Nov 25, 2007 10:23 AM
View from the West 2007

`Google Maps` Go
☐Layers ☐Labels
v2.0 [beta 1]

MUNICIPAL INFORMATION MAPPING ACCESS PROGRAM (MIMAP)

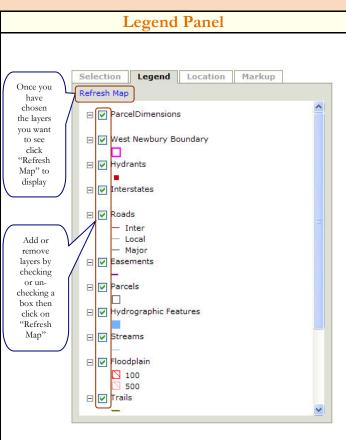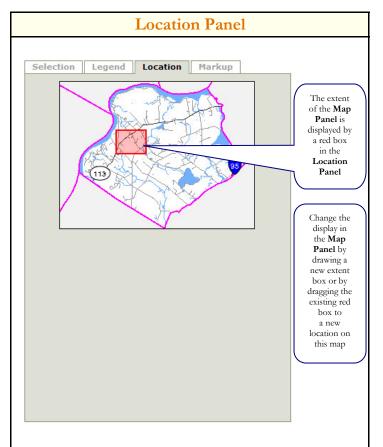Merrimack Valley Planning Commission
plan • develop • promote

Property Selector Page

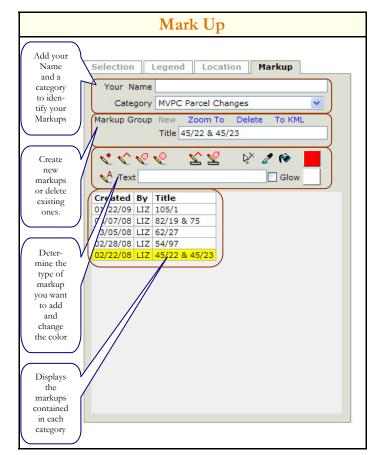This page is used as the entrance to MIMAP. It allows the user to search for a property based on a variety of criteria
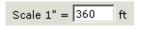
Step 1: Search for a property of interest. Use a combination of options, or simply select a Street Name from the drop-down menu.

Step 2: Click "Search for Properties" to display the results of your search

House Number [ ] **Street** `MAIN ST` Search for Properties...
Map/Lot [ ] (Example 47-8)

	House No	Street	Owner	PropertyID
Show on map	0	MAIN ST	AMESBURY TOWN OF	53-200A
Show on map	26	MAIN ST	AMESBURY TOWN OF	53-118
Show on map	31	MAIN ST	MASTER DEED	53-271

Step 3: Results of your search display in the **Results Window**

Step 4: Click "Show on Map" to launch MIMAP to the selected property

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MIMAP Application

- Click on a **Map Tab** to display different thematic maps. Click on the arrows to scroll through the available maps
- Access the Help features for MIMAP
- Interact with the map by making measurements or sharing your maps with others
- Adjust the size of the **Map Panel** by clicking on a box
- Select features, turn layers on and off, or add markups to the map

- Navigation Tools allow you to move around the map. See Navigation under Tools for additional help.
- By clicking on the black arrows you can move the map in the direction of the arrow
- Displays information about a selected property
- Export the information above to mailing labels or a spread-sheet
- View additional information about a selected property such as building permits or Conservation Information

Base Map | Zoning | Utilities | 200 Aerials | Pavement | Size | **Selection** | Legend | Location | Markup
Scale 1" = 40 ft
Help

Selection Parcels
(show all)

None selected To Mailing Labels To SpreadSheet
Property | Building | Conservation | ZBA
Print

Get Pictometry Imag Go   v2.5 [beta 2]   Save Map as Image Go

- Launch external applications, such as the Pictometry Viewer or Google Earth. Select the applications from the drop-down list then click "Go"
- The **Map Panel** displays the GIS data
- Save the map as an image file or as a KML file that can be used in Google Earth
- Displays results from selected Data Tab above

INTERACTIVE PANELS

Selection Panel

| Selection | Legend | Location | Markup |

Select ▾ | Parcels ▾

▾ | ▾

(show all) ▾

Owner	Address	Lot Si
WEST NEWBURY HOUSING AUTHORITY	379 MAIN ST	4.

1 selected   To Mailing Labels   To SpreadSheet

| Assessor Info | Building Permits | ConCom Info |

Print

Permit Number 2003032
Description SHED
Land Use Code 908
Date Issued 08/05/2002
Amount $3700
Notes 12X20 STOR/SHED YES
Permit Number 165
Description
Land Use Code 908
Date Issued 11/10/1999

Callout notes:
- Select features based on simple queries.
- This box displays the results of the queried properties.
- Create a mailing list or export selected properties to a spread-sheet.
- Click on a tab to see additional information about a property.
- Displays additional information about a property.

Legend Panel

| Selection | **Legend** | Location | Markup |

Refresh Map

- ☑ ParcelDimensions
- ☑ West Newbury Boundary
- ☑ Hydrants
- ☑ Interstates
- ☑ Roads
  - Inter
  - Local
  - Major
- ☑ Easements
- ☑ Parcels
- ☑ Hydrographic Features
- ☑ Streams
- ☑ Floodplain
  - 100
  - 500
- ☑ Trails

Callout notes:
- Once you have chosen the layers you want to see click "Refresh Map" to display.
- Add or remove layers by checking or un-checking a box then click on "Refresh Map"

Location Panel

| Selection | Legend | **Location** | Markup |

113 | 95

Callout notes:
- The extent of the **Map Panel** is displayed by a red box in the **Location Panel**.
- Change the display in the **Map Panel** by drawing a new extent box or by dragging the existing red box to a new location on this map.

Mark Up

| Selection | Legend | Location | **Markup** |

Your Name [ ]
Category MVPC Parcel Changes ▾
Markup Group New   Zoom To   Delete   To KML
Title 45/22 & 45/23

🖉 Text [ ]   ☐ Glow

Created	By	Title
07/22/09	LIZ	105/1
7/07/08	LIZ	82/19 & 75
3/05/08	LIZ	62/27
02/28/08	LIZ	54/97
02/22/08	LIZ	45/22 & 45/23

Callout notes:
- Add your Name and a category to identify your Markups
- Create new markups or delete existing ones.
- Determine the type of markup you want to add and change the color
- Displays the markups contained in each category

MIMAP TOOLS

Navigation Tools

Zoom In/Out - Slide the vertical bar left or right to quickly zoom in or out on the center of the map. You can click the minus button to zoom in one level and the plus button to zoom out one level. Every two divisions of the bar represent a zoom factor of two.

Scale 1" = [360] ft

Scale 1" = [feet]' - Shows the current scale of the map. You can enter a different scale here to zoom the map in and out.

Pan North/East/South/West - Click on one of the arrow buttons around the edge of the map to pan the map in that direction.

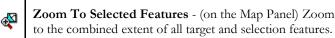**Full View** - Zooms out to the full extent of the map.

Zoom In - When this is selected you can click on the main map, or on the overview map if the Location tab is available, to zoom in by a factor of two on that point. You can also click, hold down, and drag a box on either map to specify a new extent for the main map.

Return to Previous Extent - Returns the map view to the last extent before the current one. Every extent from the beginning of the mapping session is remembered, so you can click this repeatedly to undo multiple pan/zoom operations.

Pan - When this is selected you can click and hold down on the main map to drag it in any direction. If the overview map is available, you can use this tool to drag the red box to a new location, which will re-center the main map.

Selection Tools

Zoom To Selected Features - (on the Map Panel) Zoom to the combined extent of all target and selection features.

Select Features - When this is selected you can pick features from the target or selection layers on the map. Either click features individually or drag a box to pick multiple features. Hold down on the **Shift** key while clicking or dragging to add features to the selected set. Hold down on the **Control** (Ctrl) key to remove features.

Clear Selected Features - (on the Map Panel) Clear the selected sets of target and selection features.

Selection Panel

Action ▾ | Target ▾
Proximity ▾ | Selection ▾
Filter ▾

Action - Lets you specify what the Select Features tool to the left will do when you click on the map. Three types of action are supported:
- *Select* - Pick features directly from the *Target* layer.
- *Find all [within a distance]* - Pick features from the *Selection* layer and let the application find features on the *Target* layer within the distance specified by *Proximity*.
- *Find the one...five [nearest]* - Pick features from the *Selection* layer and let the application find the nearest features on the *Target* layer, regardless of their distance.

Target - Lets you choose the target layer. Data for features picked from this layer will be shown in the data grid below. Target features will highlight with the same color as the background of this pull-down list (unless they have been filtered, in which case they will appear gray). **Proximity** - When *Action* is set to "Find all", this lets you specify the distance around features in the selection layer to search for features in the target layer. If set to zero, target features will only be found inside or directly adjacent to the selection features.
Selection - Lets you choose the selection layer. Features picked from this layer will be used to search for features in the target layer. Selection features will highlight with the same color as the background of this pull-down list.
Filter - Applies a filter to the set of target features you picked on the map. Data for features that fulfill the criteria of the filter will be displayed in the grid below this control.

Communication

Email - Pops up a utility for creating a PDF version of the current map suitable for printing or archiving. You can select which page layout you prefer and specify whether you wish to preserve either the scale or the width of the current map. Depending on the configuration, you may also be able to provide text, such as a title, that will appear at specific locations on the printable page.

Print - Starts your email client with a message containing a link to your current map page. All the information about your page: the current map tab, zoom level, selected object, and markup are encrypted in this link. You can add text to this message and mail it to anyone that also has access to MIMAP. When they click on the link in the message, MIMAP will appear exactly as you had set it.