



FloodPro

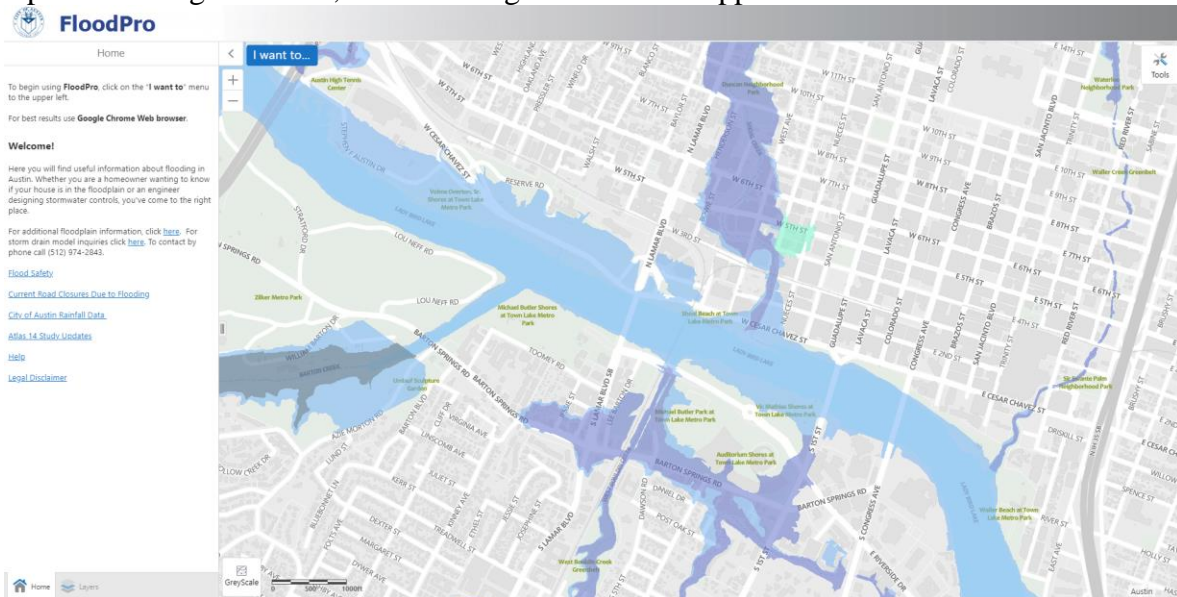
The FloodPro application provides a convenient set of tools that can be used to obtain a variety of floodplain and storm drain related information. The tools and associated map viewers are organized into separate tabs that are specific to a particular task. This help document provides guidance on how to navigate the available tabs and use the various tools and maps. Navigate to one of the sections listed below for information about a particular tab.

1. [Finding Floodplain Information](#)
2. [Download Floodplain Models](#)
3. [Find Elevation Certificates](#)
4. [Research FEMA Map Change Information](#)
5. [Download Storm Drain Models](#)
6. [Print a Floodplain Map](#)
7. [Change Visible Map Layers](#)
8. [View the Home Panel](#)
9. [Return to Initial Map View](#)
10. [Measure Tool](#)

For additional floodplain information, email floodpro@austintexas.gov. For storm drain model inquiries email floodpro_stormdrain@austintexas.gov. To contact by phone call 512-974-2843.

Interface

Upon accessing FloodPro, the following Home screen appears:



The left portion of the home screen is called the Home Panel On the bottom of the Home Panel the user will notice two icons.

Return to the Home Panel



Selecting this icon returns the user to the Home Panel Map Layers

Selecting this icon allows the user to turn on and off layers such as the floodplains, contour lines, address points, etc.



To the right of the Home Panel the user will notice a Grey Scale Map icon.



Selecting this icon allows the user to toggle between the street, hybrid, aerial, and grey scale view maps.

Overview

From the Home Panel, the user may access a variety of floodplain information by either clicking on the blue “I want to...” button



1. Floodplain Information



Find Floodplain Information

Select a property and get flood elevations.

The user can access the Floodplain Information tab, which provides floodplain elevations, by expanding the “I want to...” button and selecting “Find Floodplain Information.”

2. Floodplain Models



Download Floodplain Models

The Floodplain Models tab provides the user with access to the hydrologic and hydraulic models used by the City to define the floodplains. The user can access the Floodplain Models by expanding the “I want to...” button and selecting “Download Floodplain Models.”

3. Elevation Certificates



Find Elevation Certificates

To determine if the City of Austin has an Elevation Certificate on file for the property of interest, the user will click on the Elevation Certificates icon. The icon can be found by expanding the “I want to...” button and selecting “Find Elevation Certificates.”

4. FEMA Map Change Information



Research FEMA Map Change Information

Determine whether there is a FEMA letter of map change for a location.

To see a list of FEMA Letters of Map Change (LOMC), Letters of Map Amendment (LOMA), or Letters of Map Revision (LOMR) that affect a specific property, the user may click on the “Research FEMA Map Change Information” icon. The information may be found by expanding the “I want to...” button and selecting “Research FEMA Map Change Information.”

5. Storm Drain Models



Download Stormdrain Model

The Storm Drain Models tab provides the user with access to the StormCAD models used by the City to determine the capacity of storm drain infrastructure. The user can access the Storm drain models by expanding the “I want to…” button and selecting “Download Storm Drain Models.”

6. Print A Floodplain Map*



Print A Floodplain Map

The user can access the Print A Floodplain Map by expanding the “I want to…” button and selecting “Print A Floodplain Map.” FloodPro contains three print map options:

- The COA map shows the floodplains used for development regulation purposes.
- The FEMA map shows the floodplains used for insurance premium purposes.
- The Custom Map allows for user to define visible map layers and zoom level of the map.

*Floodplain maps are in PDF format and are provided in a pop-up window. Pop-up blockers in a user’s browser will need to be turned off for this application to work properly. Additionally, Adobe Acrobat Reader or another PDF reader will need to be installed for the application to work properly.

7. Change Visible Map Layers



View The Map Legend

Turn on/off available layers.

8. View the Home Panel



Selecting this icon returns the user to the Home Panel Map Layers

9. Default Map



Default Map

Returns the view to the initial map extent.

10. Measure Tool



Area

Measure

Selecting this option allows the user to measure the distance of a line or the area of a shape.

1. Finding Floodplain Information

The Floodplain Information tab allows the user to obtain floodplain elevations for a particular property and to generate a map of the floodplains in the vicinity of the selected property. The tab provides several options for the user to locate a particular property and the associated view allows the user to navigate to any point within the Austin area and view the floodplains and associated information.

- To locate an address, click on the “I want to...” button and choose Find Floodplain Information. Once the Floodplain Information Search tab has initialized, select either search by address or search by parcel.

Search Option

Search by Address

Search by Parcel

- Enter an address in the Street Address box located inside the Address Search

Address Search

Enter a street address starting with a House Number (Example: 505 Barton Springs Rd).

Street Address:

[Address Search Tips](#)

OR

- Enter your Tax ID in the Tax ID box, and select the relevant Appraisal District.

Tax ID Search

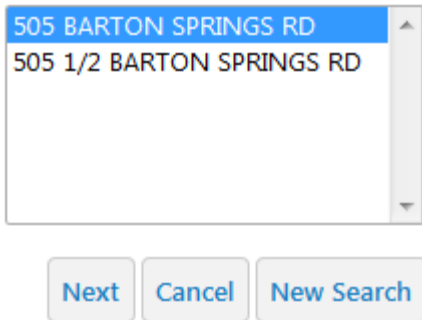
Enter a Tax ID (Example: 0202000119/Travis, R411734/Williamson, R104900/ Bastrop, R102934/ Hays)

Tax ID:

County: ▼

NOTES:
Address Search

- Once the user has clicked on the search button the application will either provide a list of possible addresses.



OR

- The application will zoom in on the property in question.

Parcel Search

- FloodPro recognizes two different forms of the Property ID. The appropriate form depends on the county in which the desired property is located.
 - In Travis County - The Property ID is the 10-digit Ref ID2 (also called the Geographic ID) number.
 - In Hays, Bastrop, and Williamson Counties - The Property ID number for these counties consists of a five- or six-digit number preceded by an "R", sometimes referred to as the R number. For Williamson County it is also referred to as the Quick Ref ID).
- Pressing the Return key after entering the street address or tax ID performs the same function as the search button.

Floodplain Information Report

After the search button has been clicked or the Return key has been pushed, FloodPro will zoom to the selected property. Property specific floodplain information will display on the left-hand side of the screen:

General Information

Address: 505 BARTON SPRINGS RD
Tax ID: 0202000119
Appraisal District: Travis

FEMA Floodplain

Flood Zone: AE
Community Number: 480624
Panel Number: 48453C0465J
Effective Date: 1/6/2016
Base Flood Elevation: 451.57

City of Austin Floodplain

25-year Flood Elevation: 446.75
100-year Flood Elevation: 449.18
Flood Study Reference: FIRM1

[Print Floodplain Report](#)

If the user would like a PDF copy of the Floodplain Information Report, they will need to click on the Print Floodplain Report hyperlink on the bottom left of the report information window to generate the PDF report.

Exiting the Find Floodplain Information Tab

Clicking the “X” located to the right of the Floodplain Information Search header will clear the Address/Property ID, clear the map of any highlighted properties, and return you to the home panel.

Floodplain Information Search ✕

2. Downloading Floodplain Models

The Floodplain Models tab allows users to download the hydrologic and hydraulic models and supporting spatial data that were used to develop the regulatory floodplains. These models may be used for analysis of the potential floodplain impacts of proposed developments.

- To locate and download a floodplain model, click on the “I want to…” button and choose Download Floodplain Models. Once the Floodplain Models Search tab has initialized select either search by address or search by watershed.

Search Option:

Search by Address

Search by Watershed

- Enter an address in the Street Address box located inside the Address Search

Address Search

Enter a street address starting with a House Number (Example: 505 Barton Springs Rd).

Street Address:

[Address Search Tips](#)

OR

- The user can select the watershed from the Watershed drop-down box.

Watershed Search

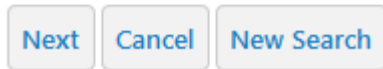
Watershed:

- This will highlight and zoom to the selected watershed.

NOTES:

Address Search

- Once the user has clicked on the search button and the application will either provide a list of possible addresses

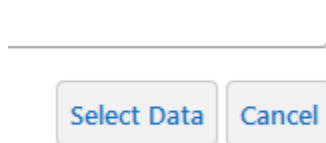


OR

- The application will zoom in on the property in question.

Model Selection:

- Select filters for Type of Modeling Data. The options are:
 - Hydraulic models
 - Hydraulic Spatial data
 - Hydrology models
 - Hydrologic Spatial data
- Select filters for Regulatory model Status. The options are:
 - Effective COA model (used for regulatory development purposes);
 - Effective FEMA model (used for LOMCs); and
 - Approved FEMA model (for those rare instances where FEMA has accepted a model, but the models and associated maps have not yet become effective)
NOTE: If available, this should be the model used for LOMCs).
- Click on the Select Data button.



NOTES:

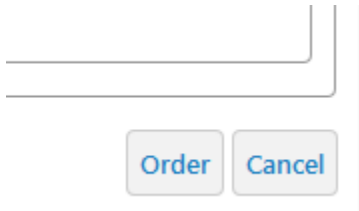
- Once models have been selected, there user has several options to modify the contents of the Model Data Cart or clear the selected model
- To remove certain models or data from the list, uncheck the check box to the left of the model name.

Watershed Barton Creek

Barton Creek

OR

- To clear all model in the data cart, click on the Cancel button on the bottom of the Floodplain Model List Window.

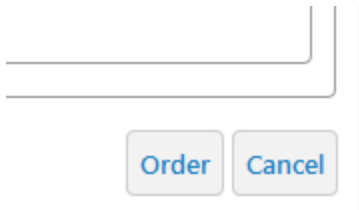


- Once the desired models have been selected, the user may request delivery of the models. In order to complete the model request, enter a valid email address in the Enter you email box

Enter your email

Email: *

- And then click on the Order button.



The user should receive an email from FloodPro with instructions on how to download the model. Exiting the Download Floodplain Models Tab

Clicking the “X” located to the right of the Floodplain Model Information header will clear the Address/Watershed, clear the map of any highlighted properties, and return you to the Home Panel.

Select Model ×

3. Finding Elevation Certificates

Elevation Certificates are FEMA documents prepared and sealed by a registered design professional. Elevation Certificates contain key elevations for the building and surrounding ground along with FEMA map information and are useful for writing flood insurance policies and verifying buildings were built according to plan. Elevation Certificates are often required as conditions for a building within the City of Austin, and the City of Austin maintains a database of Elevation Certificates it has received in the past.

- To find out if an Elevation Certificate for a specific property is on file with The City of Austin, click on the “I want to...” button and choose Find Elevation Certificates or choose the Find Elevation Certificates icon in the toolbar. Once the user has read the pop-up box, selected next, and the Elevation Certificates tab has initialized, select either search by address or search by parcel.

Search Option

Search by Address

Search by Parcel

- Enter an address in the Street Address box located inside the Address Search

Address Search

Enter a street address starting with a House Number (Example: 505 Barton Springs Rd).

Street Address:

[Address Search Tips](#)

OR

- Enter your Tax ID in Tax ID box and select to relevant Appraisal District.

Tax ID Search

Enter a Tax ID (Example: 0202000119/Travis, R411734/Williamson, R104900/ Bastrop, R102934/ Hays)

Tax ID:

County:

NOTES:

Address Search

- Once the user has clicked on the search button the application will either provide a list of possible addresses

505 BARTON SPRINGS RD

505 1/2 BARTON SPRINGS RD

Next Cancel New Search

OR

- The application will zoom in on the property in question.

Parcel Search

- FloodPro recognizes two different forms of the Property ID. The appropriate form depends on the county containing with the desired property.
 - In Travis County - The Property ID is the 10-digit Ref ID2 (also called the Geographic ID) number.
 - In Hays, Bastrop and Williamson Counties - The Property ID number for these counties consists of a five- or six-digit number preceded by an “R”, sometimes referred to as the R number. For Williamson County it is also referred to as the Quick Ref ID).
- Pressing the Return key after entering the Address or Tax ID performs the same function as the search button.

Elevation Certificate Download

After the locate button has been clicked or the return key on the keyboard has been pushed, FloodPro will zoom to the selected property., Property specific Elevation Certificate information will display on the left-hand side of the screen:

General Information

Tax ID: 0202000119
Appraisal District: Travis

Elevation Certificate 1

Address: 505 Barton Springs Rd
Lowest Adjacent Grade: 99999
Finished Floor Elevation: 453.47
Base Flood Elevation: 460
Vertical Datum: 1929
Date: 1/13/1987

[Download Elevation Certificate](#)

If the user would like a PDF copy of the Elevation Certificate, they will need to click on the Download Elevation Certificate hyperlink on the bottom left of the report information window.

The user can click the Try Again button to search for another Elevation Certificate. Exiting the Find Elevation Certificates Tab

Clicking the “X” located to the right of the Elevation Certificates Information header will clear the address, clear the map of any highlighted properties, and return you to the Home Panel.

Elevation Certificates ×

4. Researching FEMA Map Change Information

Letters of Map Changes are FEMA-approved revisions to the Flood Insurance Rate Maps and/or associated Flood Insurance Studies. They can be for a single structure, multiple structures within a watershed or an entire watershed, and supersede the effective county wide panels and FIS volumes for the affected area. To find out if a FEMA Letter of Map Change (LOMA, CLOMR, and LOMR) affects a particular property in question, enter either the Address or the Property ID and County of the property.

- To find out if a FEMA Letter of Map Change affects a specific property, click on the “I want to...” button and select Research FEMA Map Change Information or choose the Research FEMA Letter of Map Change icon in the toolbar. Once the user has read the pop-up box, selected next, and the FEMA Map Change Info Search tab has initialized, select either search by address or search by parcel.

Search Option

Search by Address

Search by Parcel

- Enter an address in the Street Address box located inside the Address Search

Address Search

Enter a street address starting with a House Number (Example: 505 Barton Springs Rd).

Street Address:

[Address Search Tips](#)

OR

- Enter your Tax ID in Tax ID box, and select to relevant Appraisal District.

Tax ID Search

Enter a Tax ID (Example: 0202000119/Travis, R411734/Williamson, R104900/ Bastrop, R102934/ Hays)

Tax ID:

County:

NOTES:

Address Search

- Once the user has clicked on the search button and the application will either provide a list of possible addresses

505 BARTON SPRINGS RD

505 1/2 BARTON SPRINGS RD

Next Cancel New Search

OR

- The application will zoom in on the property in question.

Parcel Search

- FloodPro recognizes two different forms of the Property ID. The appropriate form depends on the county containing with the desired property.
 - In Travis County - The Property ID is the 10-digit Ref ID2 (also called the Geographic ID) number.
 - In Hays, Bastrop and Williamson Counties - The Property ID number for these counties consists of a five- or six-digit number preceded by an “R”, sometimes referred to as the R number. For Williamson County it is also referred to as the Quick Ref ID).
- Pressing the Return key after entering the Address or Tax ID performs the same function as the search button.

Retrieving Map Change Information

After the locate button has been clicked or the return key on the keyboard has been pushed, FloodPro will zoom to the selected property. On the left-hand side of the screen, property-specific map change information will display:

[Visit FEMA website with the case number for more information regarding the LOMC](#)

General Information

Address: 1106 CUMBERLAND RD
Tax ID: 0403050201
Appraisal District: Travis

LOMR 1

Case Number: 09-06-3398P
Effective Date: 7/15/2010
Revised Reaches: Various reaches around the confluence of West Bouldin and North Fork of West Bouldin

[Try Again](#) [Close](#)

Once you have the map change case number, click on the Visit FEMA Website link with the case number for more information regarding the LOMC hyperlink. Please refer to the Map Service Center’s help for instructions on how to use the site.

The user can click the Try Again button to search for another Letter of Map Change. Exiting the Research FEMA Map Change Information Tab Clicking the “X” located to the right of the FEMA Map Change Info Search header will clear the Address, clear the map of any highlighted properties, and return you to the home panel.

FEMA Map Change Info Search ×

5. Downloading Storm Drain Models

The Storm Drain Models tab provides the user with access to the StormCAD models used by the City to determine the capacity of storm drain infrastructure. These models may be used for analysis of the potential impacts of proposed developments to the storm drain systems.

- To locate and download a storm drain model, click on the “I want to...” button and choose Download Storm Drain Models or choose the Download Storm Drain Models icon in the toolbar. Once the Storm Drain Models Search tab has initialized enter an address in the Street Address box located inside the Address Search.

Address Search

Enter a street address starting with a House Number (Example: 505 BARTON SPRINGS RD).

Street Address: *

[Address Search Tips](#)

- Click on the Search button.

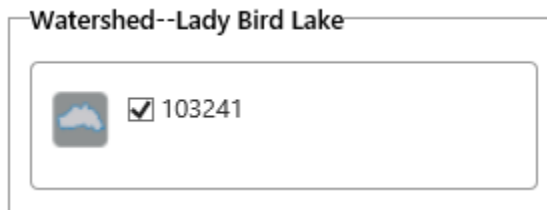
NOTES:

Address Search

- Once the user has clicked on the search button and the application will either provide a list of possible addresses
-

OR

- All available storm drain models within the property buffer will be highlighted in green. A list of all highlighted models will appear in the left panel.
- To remove certain models from the list, uncheck the check box to the left of the model number

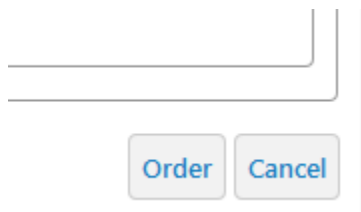


OR

- To clear all models in the data cart, click on the Cancel button on the bottom of the Storm Drain Model List Window.
- Once the desired models have been selected, the user may request delivery of the models. In order to complete the model request, enter a valid email address in the Enter you email box



- And then click on the Order button.



- The user should receive an email from FloodPro with instructions on how to download the StormCAD model.

Exiting the Download Storm Drain Models Tab

Clicking the “X” located to the right of the Storm drain Model Information header will clear the Address/Watershed, clear the map of any highlighted properties, and return you to

the Home Panel.

6. Printing Floodplain Maps*

- To print a Floodplain Map for a particular property, click on the “I want to...” button and choose Print a Floodplain Map.
- FloodPro contains three print map options, and two printing options:

Current Address

505 BARTON SPRINGS RD

Select A Map for Printing

FEMA Map -- Shows information relevant to flood insurance purposes.

COA Map -- Shows information relevant to development regulations.

Custom Map -- Let the user define visible map layers and zoom level.

Print Current Search and Print Cancel

Print Map Options:

- FEMA Print Map:
 - The FEMA map shows the floodplains used for insurance premium purposes.
- COA Print Map:
 - The COA map shows the floodplains used for development regulation purposes.
- Custom Map:
 - The Custom Map allows for user to define visible map layers, and the zoom level of the map.

Printing Options

- Print Current:
 - This option will produce a print map using what is currently displayed on the screen.
- Search and Print:
 - This option will allow you to search for an address to print.

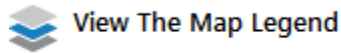
*Floodplain maps are in PDF format and are provided in a pop-up window. Pop-up blockers in a user's browser will need to be turned off for this application to work

properly. Additionally, Adobe Acrobat Reader or another PDF reader will need to be installed for the application to work properly.

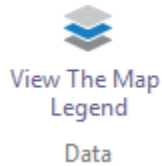
7. Changing Visible Map Layers

There are three ways to change the visible map layers;

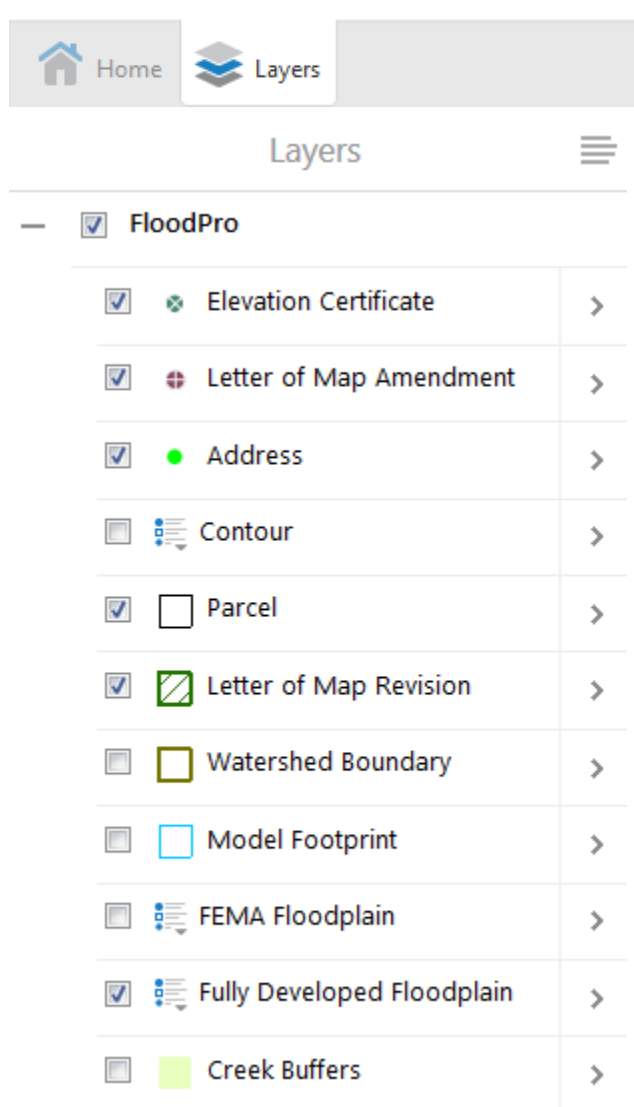
- Via the “I want to…” menu;



- Via the Tool Bar; and



- At the bottom of the Home Panel.



The user can turn on layers (checking the box) and off layers (unchecking the box).

- Left clicking on the arrow next to the presents two zoom options:

- Zoom to full extent



Zoom to full extent

Zoom the map to the full extent of the layer.

- Zoom to visible scale



Zoom to visible scale

Zoom the map to a scale where the layer is visible.

8. Viewing the Home Panel

- There are three ways to return to the Home Panel.
 - Via the house tab on the bottom of the panel



- Via the Tool Bar



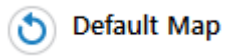
- By clicking on the “X” found on the upper right of the headers in any of the “I want to...” tasks.



9. Returning to Default Map

- There are two ways to return to the initial map view:

- Via the “I want to...” menu; and



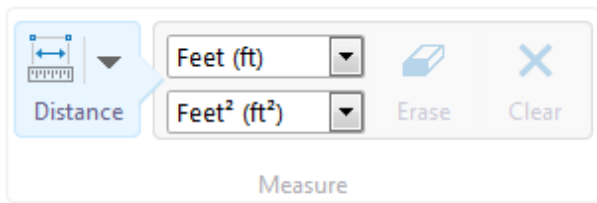
- Via the Tool Bar.



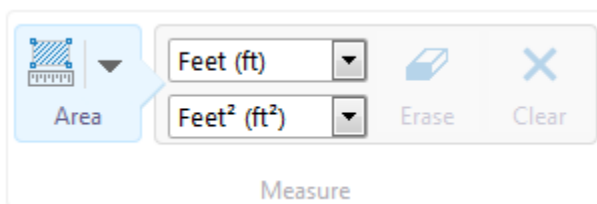
Default Map

10. Measuring Tool

The measure tool is accessed via the toolbar and consists of two options.



- To measure a distance, the user must left click on the map at the desired starting point, and double click to finish the line. Select the clear button to clear the line from the map.
- The top box controls the length unit of measure, the user can choose from:
 - Feet (ft)
 - Yards (yd)
 - Meters (m)
 - Kilometers (km)
 - Miles (mi)
 - Nautical Miles (NM)



- To measure an area, left click to start drawing the desired shape, and double click to finish drawing the shape. Select the clear button to clear the shape from the map.
- The top box controls the length unit of measure, the user can choose from:
 - Feet (ft)
 - Yards (yd)
 - Meters (m)
 - Kilometers (km)
 - Miles (mi)
 - Nautical Miles (NM)
- The bottom box controls the area unit of measure, the user can choose from:
 - Feet² (ft²)
 - Yards² (yd²)
 - Meters² (m²)
 - Kilometers² (km²)
 - Miles² (mi²)
 - Nautical Miles² (NM²)
 - Acres (ac)
 - Hectares (ha)
- To close the tool, click left of the drop-down boxes.