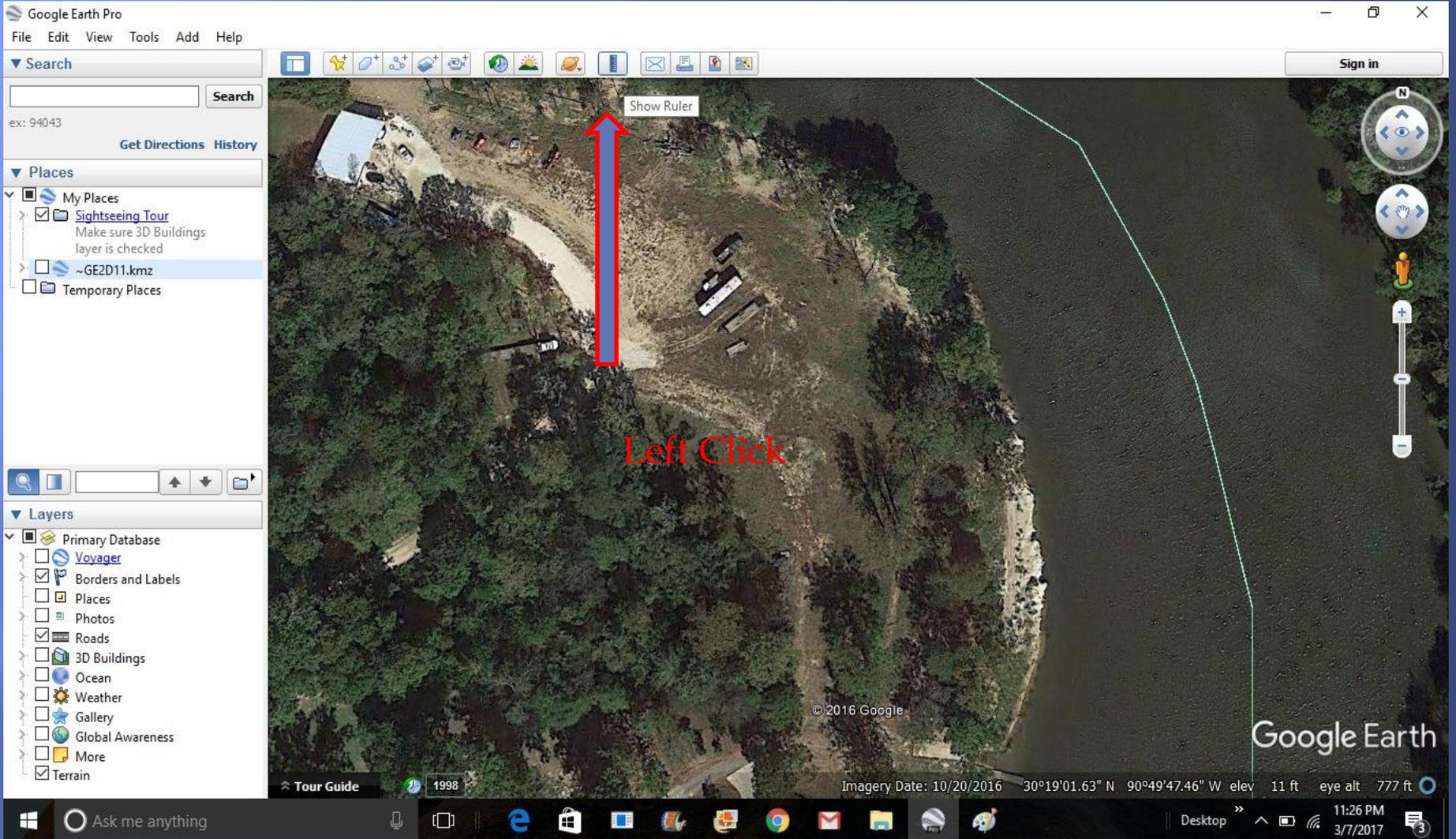


# CREATING AN ELEVATION PROFILE IN GOOGLE EARTH



The screenshot shows the Google Earth Pro interface. On the left, there are panels for Search, Places, and Layers. The main window displays a satellite view of a wooded area with a dirt road and a building. A yellow line is drawn across the road, and a ruler dialog box is open over it. The ruler dialog shows a length of 8,086.93 centimeters. A red arrow points to the 'Save' button in the ruler dialog. Below the arrow, the text 'Click save' is written in red. At the bottom of the ruler dialog, there is a tooltip that says 'Saves current measuring primitive.' The Windows taskbar is visible at the bottom of the screen.

Google Earth Pro

File Edit View Tools Add Help

Search

Search

ex: 94043

Get Directions History

Places

My Places

- Sightseeing Tour
  - Make sure 3D Buildings layer is checked
- ~GE2D11.kmz
- Temporary Places

Layers

- Primary Database
- Voyager
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain

Ruler

Line Path Polygon Circle 3D path 3D polygon

Measure the distance between multiple points on the ground

Length: 8,086.93 Centimeters

Show Elevation Profile

Mouse Navigation

Save Clear

Saves current measuring primitive.

Click save

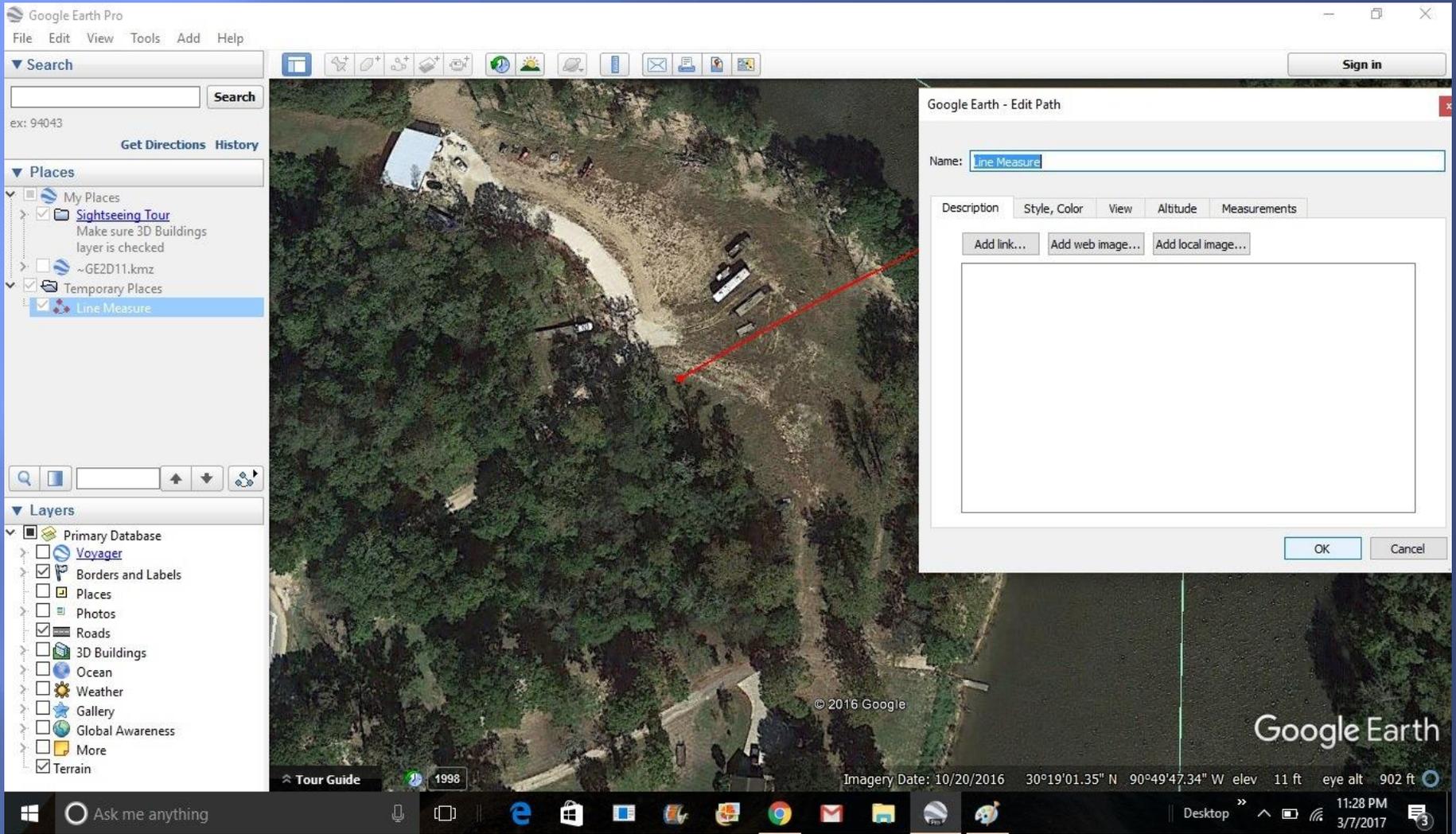
© 2016 Google

Google Earth

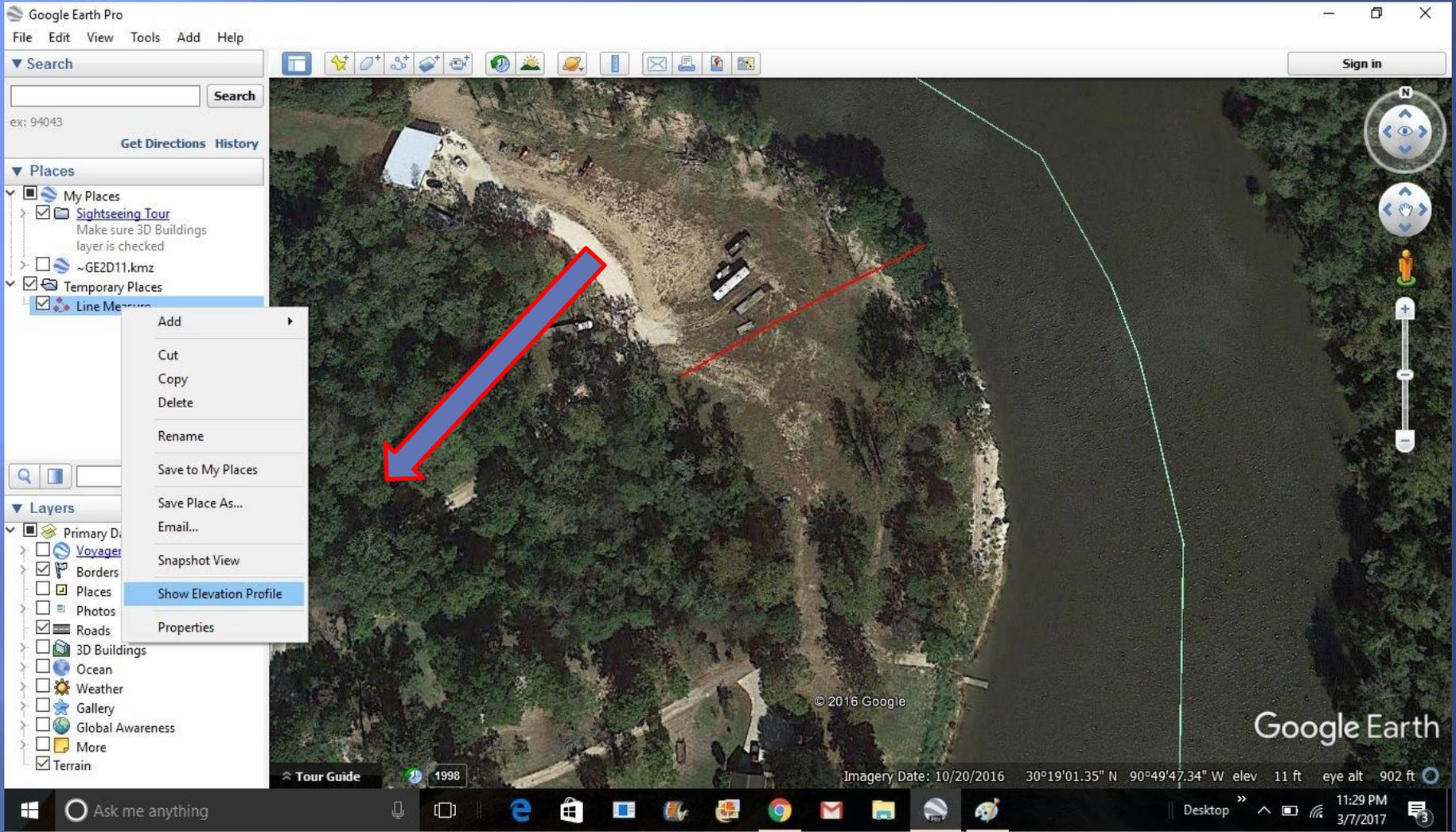
Tour Guide 1998 Imagery Date: 10/20/2016 30°19'01.35" N 90°49'47.34" W elev 11 ft eye alt 902 ft

Ask me anything Desktop 11:27 PM 3/7/2017

Draw a line across the location you want a profile for.



Name the line feature



Right click on the line feature and navigate to "Show Elevation Profile"

Google Earth Pro

File Edit View Tools Add Help

Search

Search

ex: 94043

Get Directions History

Places

- My Places
  - Sightseeing Tour
    - Make sure 3D Buildings layer is checked
    - ~GE2D11.kmz
  - Temporary Places
    - Line Measure

Layers

- Primary Database
  - Voyager
  - Borders and Labels
  - Places
  - Photos
  - Roads
  - 3D Buildings
  - Ocean
  - Weather
  - Gallery
  - Global Awareness
  - More
  - Terrain

Imagery Date: 10/20/2016 30°19'02.39" N 90°49'48.24" W elev 7 ft eye alt 636 ft

Graph Min, Avg, Max Elevation 0, 5, 13 ft

Range Totals: Distance: 271 ft Elev Gain/Loss: 5.41 ft, -15 ft Max Slope: - - Avg Slope: - -

13 ft

0 ft

7 ft

0.0%

106 ft

50 ft 150 ft 200 ft 250 ft 271 ft

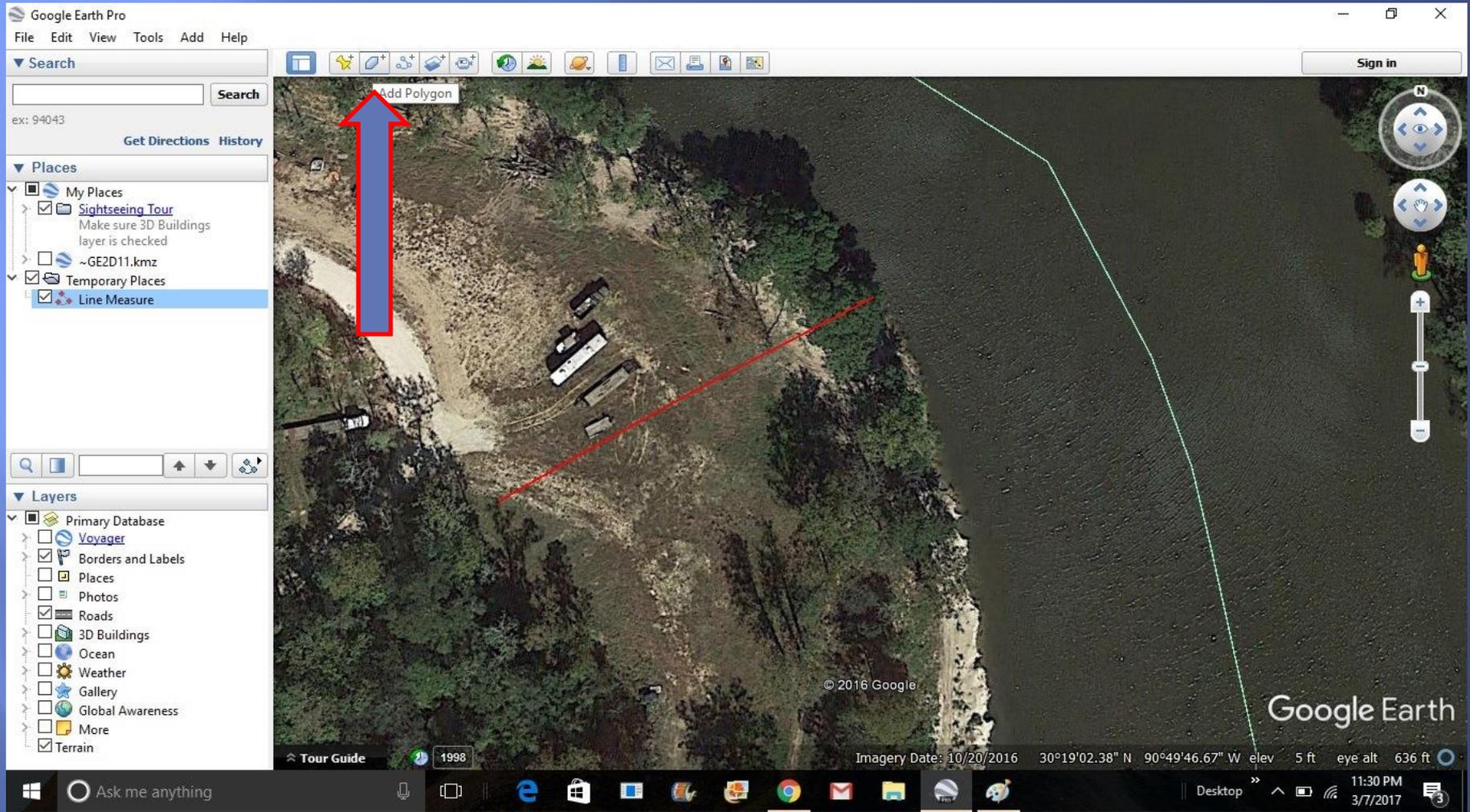
Tour Guide

Ask me anything

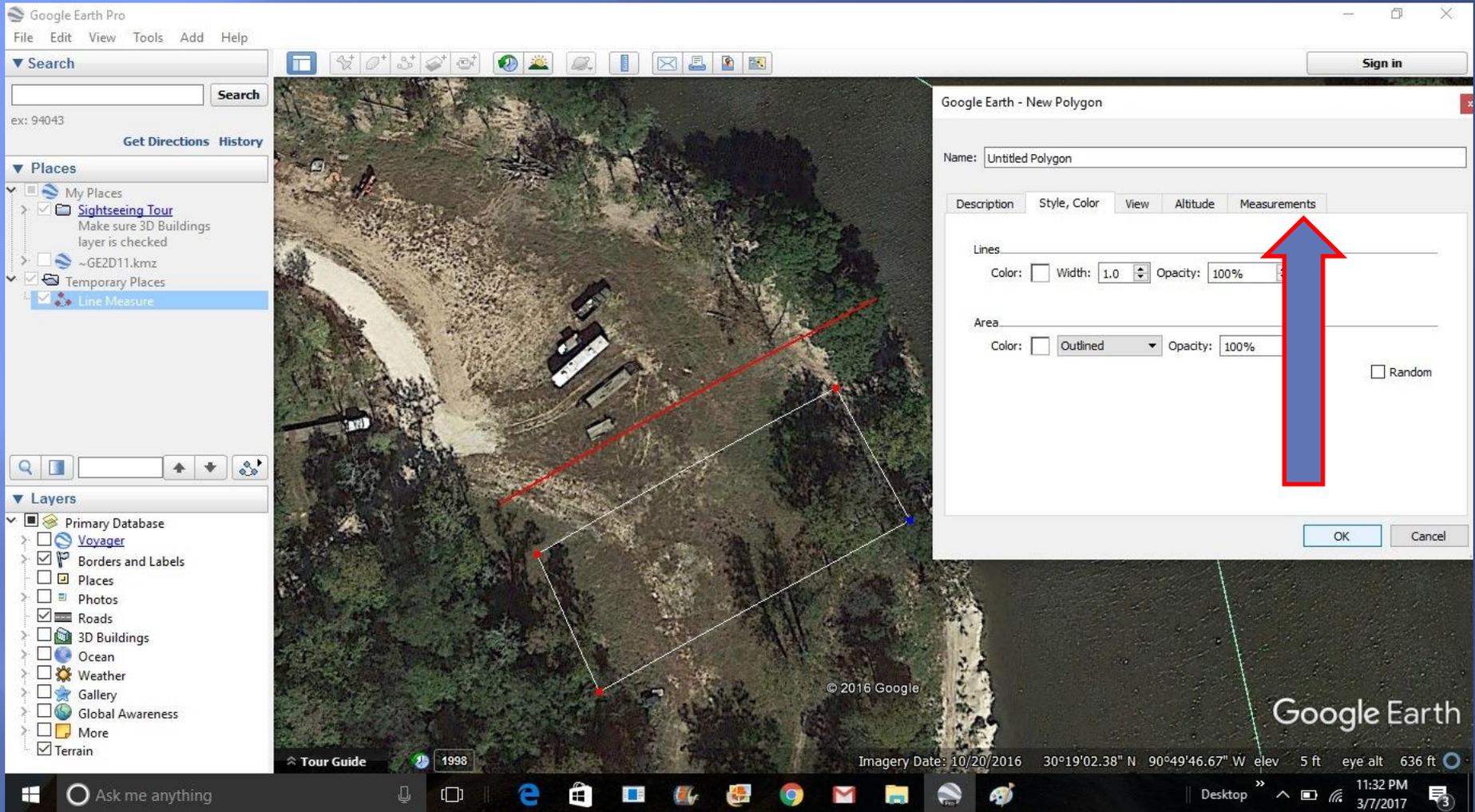
11:30 PM 3/7/2017

Navigate on the cross section to view the corresponding elevation.

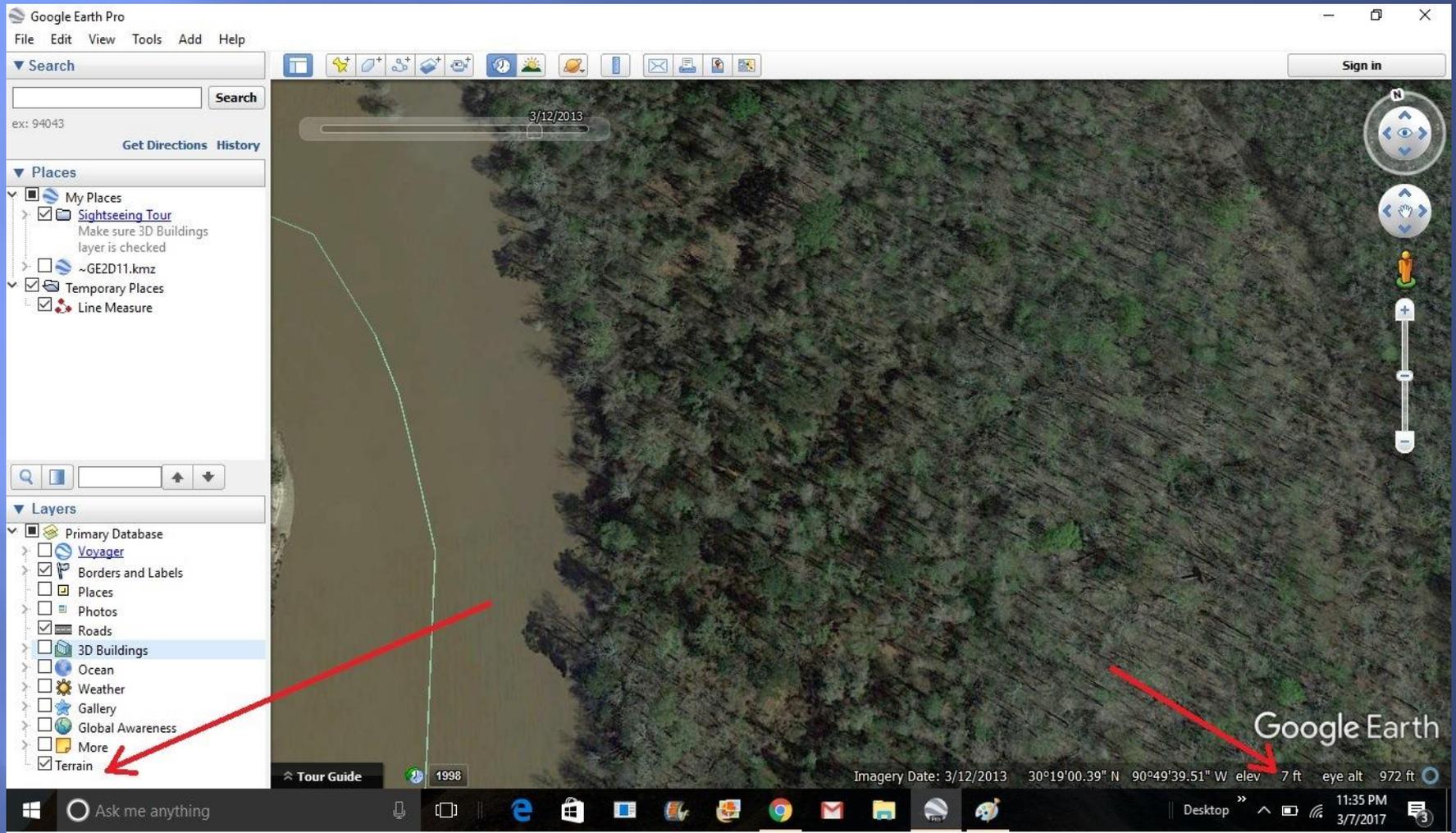
# Estimating area using Google Earth Pro



Draw a polygon



Click on the “measurements” tab on your polygon properties window and choose units



As long as the Terrain layer is on the corresponding elevation is shown as you navigate through the screen.