How to Buffer

Please note that there are three different ways to buffer in this application. This write-up goes over each of those, and the title in the text boxes identify each method as follows:

- Select and Buffer Parcels Tool
- Buffer using 'Find' Tool
- Buffer from 'Identify Results'

'Select and Buffer Parcels Tool'.

1. Activate the tool under the 'Draw' menu.
2. You are then given the options on the left-hand panel whether you want to select a single parcel, multiple non-contiguous parcels, or use a shape to select parcels. Here we are using 'multiple non-contiguous' selection. Hit the 'Submit' Button and you'll get a brief instruction on what to do next.

GIS-NET | Planning & Zoning Information for UNINCORPORATED L.A. County

Navigation   Find   Draw   Measure   Tasks   Links   Help

Tool Labels

Text   Point   Line   Freehand   Freehand Shape   Ellipse   Circle   Polygon   Rectangle   Select and Buffer Parcels   Clear Buffer   Edit   Erase   Clear   Export Drawings   Plot Coordinates

Draw   Select and Buffer Parcels   Edit

Step 1: Select Parcels

Please make a selection of parcels for the report.

Define your custom geometry by choosing one of the tools below, and selecting an area on the map.

⚠ Please draw a geometry on the map to select parcels.

Submit

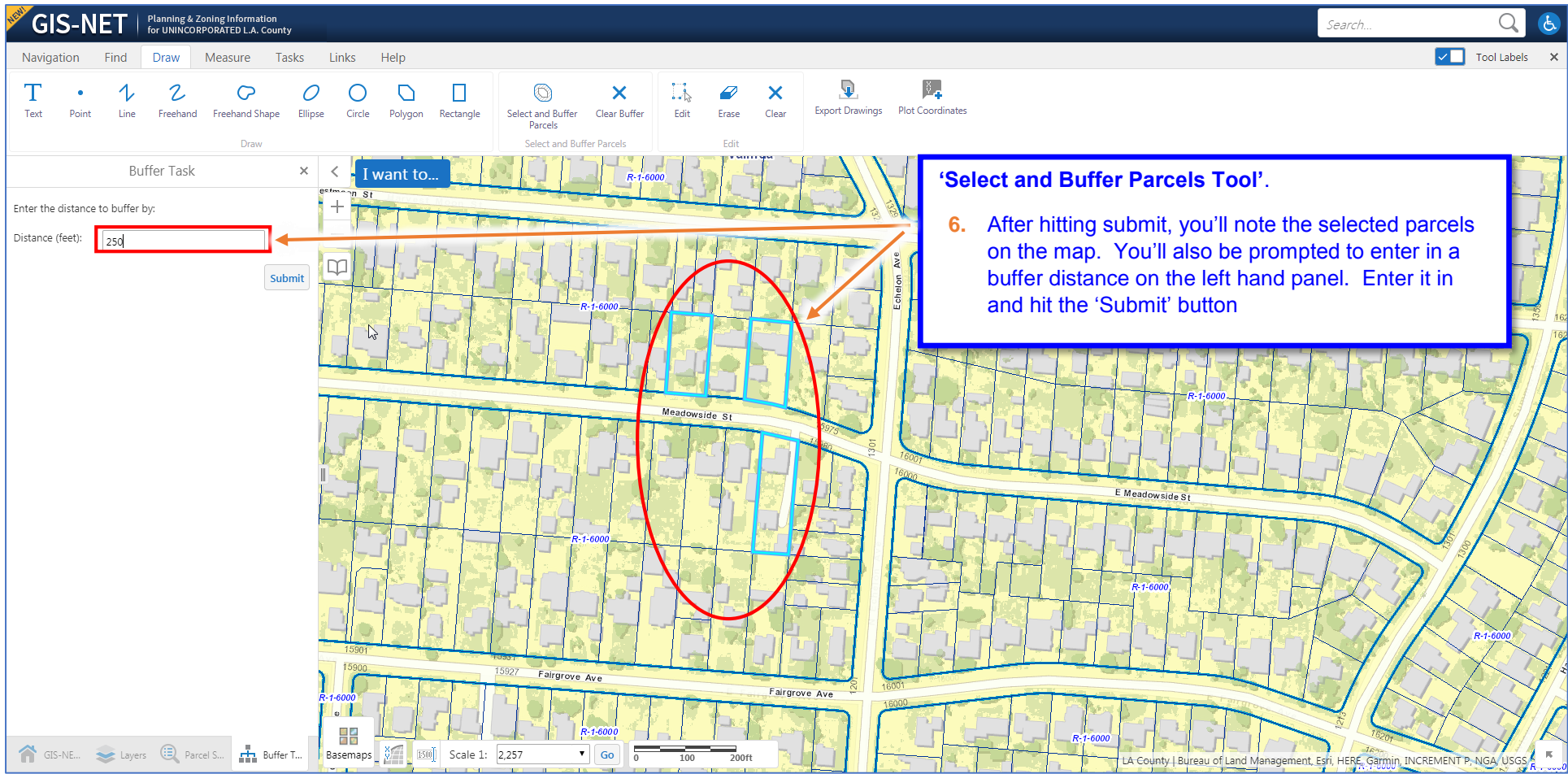Select several points on the map. Double-click or tap to finish.

'Select and Buffer Parcels Tool'.

3. As mentioned in step 2, you'll now get a brief instruction on what to do next in the left-hand panel, and also on the top yellow banner.
4. Digitize a series of points, and on the final point, double-click as instructed in the top yellow banner.
5. After digitizing the points, you'll get a message on the left-hand panel – 'Geometry Captured'. Hit 'Submit'

I want to...

Meadowside St

Fairgrove Ave

R-1-6000

Scale 1: 2,257   Go   0   100   200ft

LA County | Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

'Select and Buffer Parcels Tool'.

6. After hitting submit, you'll note the selected parcels on the map. You'll also be prompted to enter in a buffer distance on the left hand panel. Enter it in and hit the 'Submit' button

Buffer Task

Enter the distance to buffer by:

Distance (feet): 250

Submit

GIS-NET | Planning & Zoning Information for UNINCORPORATED L.A. County

Navigation   Find   Draw   Measure   Tasks   Links   Help

Text Point Line Freehand Freehand Shape Ellipse Circle Polygon Rectangle   Select and Buffer Parcels   Clear Buffer   Edit   Erase   Clear   Export Drawings   Plot Coordinates

Draw   Select and Buffer Parcels   Edit

Parcel Selection (3)

AIN: 8254025017, Owner: LOPEZ,JAIME JR

AIN: 8254025019, Owner: SANDOVAL,MITCHEL W

AIN: 8254027010, Owner: ESPINOZA,ROSALBA

I want to...

Valinda

Harvestmoon St

Meadowside St

'Select and Buffer Parcels Tool'.

7. The buffer is drawn and the map extent is centered on that buffer area. The three highlighted parcels are also shown in the 'Parcel Selection' box on the left-hand panel. (NOTE: This tool will not select other parcels or layers within the buffer).

8. To remove the buffer, select the 'Clear Buffer' tool in the draw menu.

Displaying 1 - 3 (Total: 3)

Page 1 of 1

GIS-NET for H...   200ft   LA County | Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

'Buffer using Find Tools'.

9. You can also enable buffering while using the array of 'Find' tools by selecting one and then selecting 'Enable Buffering'
10. You will then be prompted to enter in a buffer distance on the left-hand panel, and you will also get a yellow banner on top with some instructions. In this case we will use the line tool.
11. Notice by default that the checkbox to 'Write to Drawing Layer' is checked. This means that whatever buffer is created, it will be copied to a drawing layer (same as if you drew a shape using the drawing tools). For more info on the drawing layer, click here for the 'How To'.

GIS-NET Planning & Zoning Information for UNINCORPORATED L.A. County

Search...

Navigation   Find   Draw   Measure   Tasks   Links   Help   Tool Labels   ✕

Point | Freehand | Line | Polygon | Rectangle | Disable Buffering | Enable Add Results | Enable Subtract Results | Enable Snapping | Select Snapping Layers | Identifiable Layers | Query | Filter | View Charts

Identify   Analysis

Buffer Options   ✕   ‹

Distance
500

Units
Feet (ft)   ▼

☑ Write to Drawing Layer

Clear   Cancel   Continue

ℹ To learn what's there, draw a line of interest along the map. Double-click/tap to finish. Note: Buffering is active. A buffer of 500 Feet (ft) will be applie...   ✕

I want to...

'Buffer using Find Tools'.

12. Begin digitizing your shape, and double click when finished (again, see yellow banner at the top)

Basemaps   Scale 1: 4,514   Go   0 150 300ft

GIS-NET for H...   Layers   Buffer Options

LA County | Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Navigation   Find   Draw   Measure   Tasks   Links   Help

Tool Labels

Point   Freehand   Line   Polygon   Rectangle   Disable Buffering   Enable Add Results   Enable Subtract Results   Enable Snapping   Select Snapping Layers   Identifiable Layers   Query   Filter   View Charts

Identify   Analysis

Identify Results (198)

To learn what's there, draw a line of interest along the map. Double-click/tap to finish. Note: Buffering is active. A buffer of 500 Feet (ft) will be applie...

Drawing 1

Zoning: A-1-10000

Zoning: A-1-10000

Zoning: R-1-6000

Zoning: R-1-6000

Zoning: R-1-6000

Zoning: R-1-6000

Zoning: R-1-6000

Zoning: R-1-6000

Zoning: R-A-7500

AIN: 8254005001, Owner: CASTRO,FILEMON S AND AYON MORALES,MARIA J

AIN: 8254005062, Owner: OCHOA,ROSA M

AIN: 8254006022, Owner: PEREA,JOSE A AND MARIA P TRS PEREZ TRUST

AIN: 8254006014, Owner: CALIFORNIA HOUSING FOUNDATION

AIN: 8254006016, Owner: GOMEZ,EMMA G AND

Displaying 1 - 50 (Total: 198)

Page 1 of 4

GIS-NE...   Layers   Buffer ...   Identif

'Buffer using Find Tools'.

13. When completed, you'll see a yellow buffer that buffered with the specified distance <u>from the shape you digitized</u>.
14. On the left-hand panel, you will see the visible layers that intersect with that buffer
15. It is important to note that there is a limit of 50 features that can be displayed on the left-hand panel, so not all the features show up there nor in the map.

'Buffer using Find Tools'.

16. You can click through the arrows at the bottom of the left-hand panel to scroll through all the results. Or, if you want all the resulting selected layers, you can click the 'hamburger' tool to export them all as shapefiles, spreadsheets, etc.

17. You will also notice that the buffer is actually a 'draw layer' as was indicated in step 11 above. For more information about changing the color of that draw layer, please click here.

18. If you want to remove the buffer from the 'drawing layer', go to 'Draw' then select 'Erase' or 'Clear' buttons.

19. If you no longer want buffers generated from the 'Find' tools, you will need to 'disable buffering' by clicking the 'Find' Group, selecting one of the tools, then selecting 'Disable Buffering'

'Buffer from Identify Results'.

20. You can also buffer a parcel from the 'Identify Results' window on the left-hand panel after doing an identify (in this case, zoning, land use, and a parcel are selected – visible layers that intersected that clicked point).
21. Clicking on the 'hamburger' icon on the left-hand panel will show that there is a 'Show Buffer Options' choice.
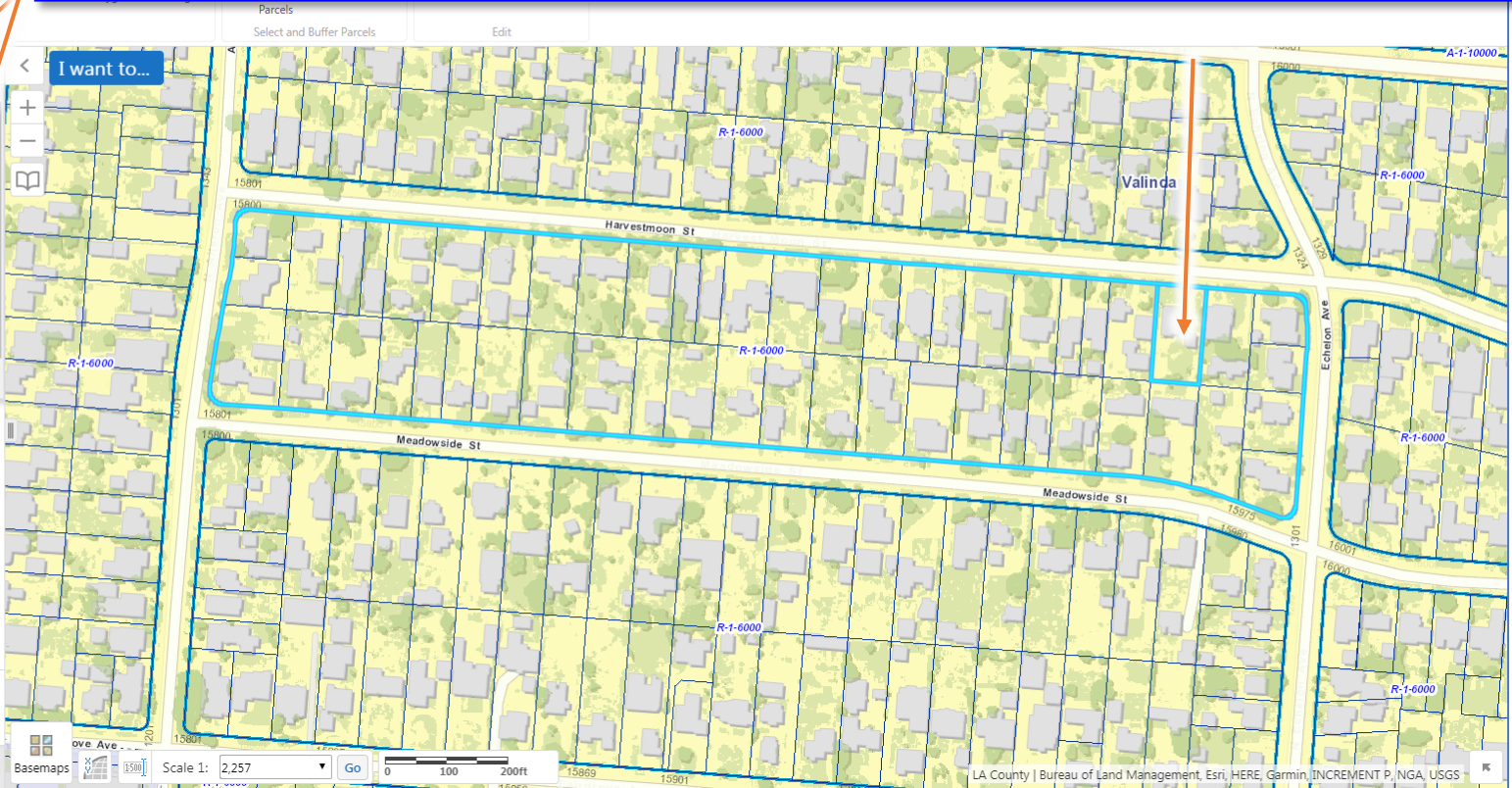
'Buffer from Identify Results'.

22. In the Buffer Options window, you can enter in the buffer distance and whether you want the buffer to be in the drawing layer (see steps 9-11 above).
23. You will note that the buffer is generated from the <u>largest selected polygon</u> (in this case, the zoning polygon). The resulting buffer selects from all the visible layers as noted in step 14 above.

NEW! **GIS-NET** | Planning & Zoning Information for UNINCORPORATED L.A. County

Navigation   Find   **Draw**   Measure   Tasks

T   •   1   2   ◌   O
Text   Point   Line   Freehand Freehand Shape Ellips

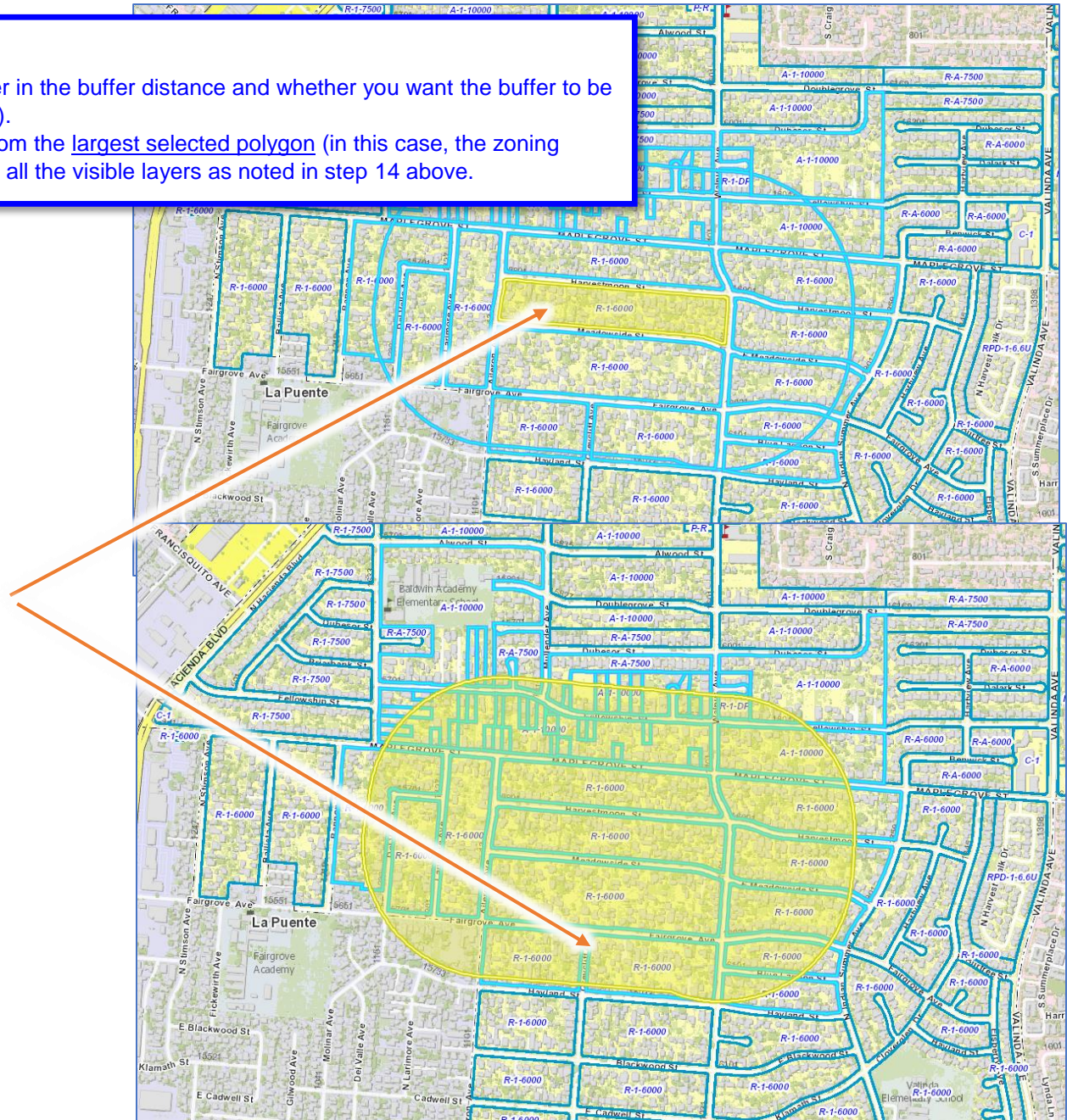Draw

Buffer Options   ✕

Distance
1000

Units
Feet (ft)

☑ Write to Drawing Layer

Clear   Cancel   Continue

'Buffer from Identify Results'.

24. If you only want to buffer from an identified parcel, then you need to select the parcel from the 'Identify Results' window on the left.
25. Once you select that buffer, follow the procedure identified in steps 22 and 23 above to get only the buffer for a parcel.