

# GREATER PIEDMONT REALTORS

## GIS SEMINAR

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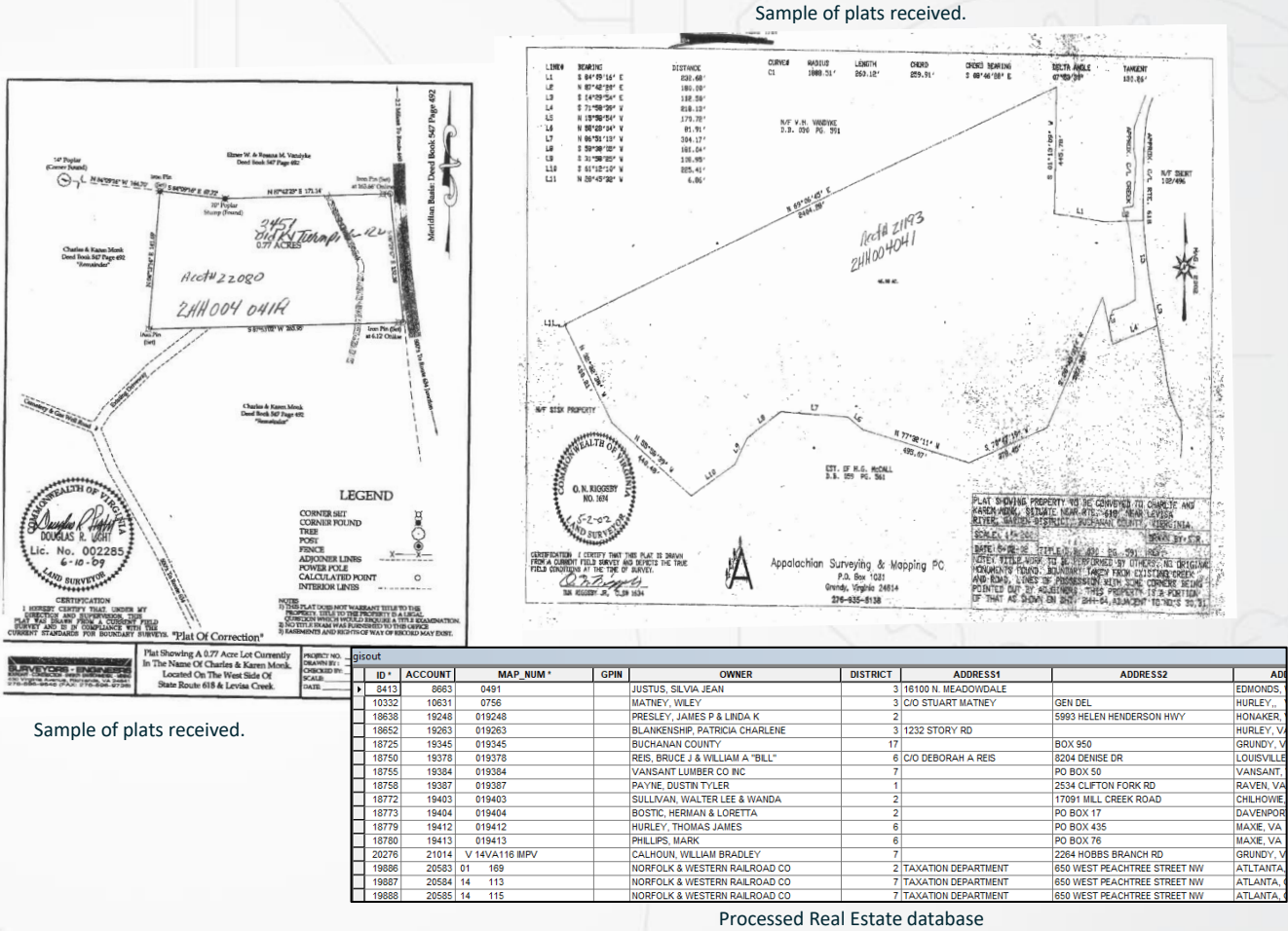
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**TUESDAY APRIL 16, 2024 | 1:30 PM**

# ITEMS WE'LL COVER

- Overall Layout – Culpeper & Madison County
  - Highlight Notable Functions and Behavior
  - Basic Navigation
  - Tools Overview
- Workflows – How Do I???
- Find a parcel or address
- Find parcel zoning or other info related to parcel
- Report discrepancies or errors
- Follow-up Questions



# H&P WEBGIS LAYOUT

Initial Load State

The screenshot displays the H&P WebGIS interface in its initial load state. The browser address bar shows the URL `webgis.net/va/Madison/`. The interface is divided into several sections:

- Left Sidebar:**
  - Swipe Left or Click Here** (with a close button).
  - About**, **Layers**, and **Legend** tabs.
  - Madison County, VA Geographic Information System** header.
  - DISCLAIMER:** The information contained on this site is furnished by government and private industry sources and is believed to be accurate but accuracy is not guaranteed. Mapping information is a representation of various data sources and is not a substitute for information that would result from an accurate land survey. The information contained hereon does not replace information that may be obtained by consulting the information's official source. In no event shall Madison County, VA or the consultants of Madison County, VA be liable for any damages, direct or consequential, from the use of the information contained on this site.
  - Should you have questions or comments about this site, please contact:**
  - Related Links:**
    - [Madison County Website](#)
    - [Madison County Census Dashboard](#)
  - Email:** [WebGIS Support](#)
  - Webpage:** [WebGIS.net](#)
  - Email:** [bdaniel@madisonco.virginia.gov](mailto:bdaniel@madisonco.virginia.gov)
  - Developed by:** [Hurt & Proffitt, Inc.](#)
  - Site Last Updated** March 2024
  - SessionID:** 1713205753
  - Help** link.
- Top Navigation Bar:** Includes a search icon, a magnifying glass icon, a question mark icon, and a close button.
- Search Panel (Highlighted with a red box):**
  - Search (Drag me)** header.
  - Parcel Search** dropdown menu.
  - Owner Name** search input field.
  - Parcel ID (Ex. 39A-4 or 40-20)** search input field.
  - Submit** and **Reset** buttons.
  - [Help for Search](#) and [Advanced Query](#) links.
- Main Map Area:** Displays a map of Madison County, VA, with various geographical features, roads, and place names. The map is overlaid with a grid of orange lines representing parcels. The map is titled "Madison County, VA" and includes a scale bar (0 to 4 miles) and a coordinate display (Lat: 38°36' 32.1", Lng: -78°29' 57.3").



# H&P WEBGIS - SEARCHING

The screenshot displays the H&P WebGIS interface for Madison County, VA. The interface includes a left sidebar, a top navigation bar, a search panel, and a map area.

**Left Panel Toggle:** A button labeled "Swipe Left or Click Here" is located at the top of the left sidebar.

**Left Panel:** The sidebar contains sections for "About", "Layers", and "Legend". The "About" section includes a disclaimer, related links (Madison County Website, Madison County Census Dashboard), contact information (Email: WebGIS Support, Webpage: WebGIS.net, Email: bddaniel@madisonco.virginia.gov), and site information (Developed by: Hurt & Proffitt, Inc., Site Last Updated March 2024, SessionID: 1713205753, Help).

**Identify Button:** A button labeled "Identify" is located in the top navigation bar.

**Search Options:** A dropdown menu labeled "Parcel Search" is located in the search panel.

**Search Form:** The search panel includes input fields for "Owner Name" and "Parcel ID (Ex. 39A-4 or 40-20)", along with "Submit", "Reset", "Help for Search", and "Advanced Query" buttons.

**Results Panel Toggle:** A button labeled "Results" is located at the bottom of the search panel.

The map area displays a map of Madison County, VA, with various features and labels. The map includes a scale bar (0 to 4 miles) and coordinates (Lat: 38°36' 32.1", Lng: -78°29' 57.3").



# H&P WEBGIS – SEARCH RESULTS

Left Panel  
Toggle

Search (Drag me)

Parcel Search

Q Smith

Q Parcel ID (Ex. 39A-4 or 40-20)

Submit

Reset

[Help for Search](#)

[Advanced Query](#)

This search will find all "Smith" owners or co owners. Click Submit or press enter.

Results Panel:  
Opens search results

Result Options:  
Highlight, Clear Highlight and Export results.

Result Panel Toggle

Results

[Highlight](#) [Clear Highlight](#) [Export...](#)

PIN	Map Number	Source	Entered	Number of Parts	UID	Shape_Length	Shape_Area	MDWELL	RecNo	Owner	MMAP	Mailing Address 1	Co-Owner	Mailing Address 2	Mailing City
13 36C	13-36C	Imagery			129	920.9835717639	44475.03848524	01	0006430	SMITH, DAVID L	13 36C	PO BOX 93			MADISON
13 36D	13-36D	Imagery			130	410.3474510299	10268.66892330	01	0006409	SMITH, HUGHIE R & LYDIA SUSIE L/E &	13 36D	6348 OLD BLUE RIDGE TPKE	TOULOTTE, SUE ANN		SYRIA
13 36E	13-36E	Imagery			131	784.1951359726	37010.12075634	01	0006395	SMITH, EARL OR DAVID LEE SMITH	13 36E	PO BOX 93			MADISON
13 36F	13-36F	Imagery			132	1106.248539413	72025.19848710	01	0006410	SMITH, HUGHIE R & LYDIA SUSIE L/E &	13 36F	6348 OLD BLUE RIDGE TPKE	TOULOTTE, SUE ANN		SYRIA
14 22A	14-22A	Imagery			175	1576.114660631	118072.8185103	01	0006405	SMITH, LOIS L	14 22A	1131 ETLAN RD			ETLAN
14 22B	14-22B	Imagery			176	2601.789878651	323880.2960182	01	0006463	SMITH, RICHARD W	14 22B	1325 ETLAN RD			ETLAN

Sort by  
Headers

Click on row  
to zoom to  
feature and  
show Details  
panel

# H&P WEBGIS - PARCEL DETAILS

Layers Tab:  
To turn on  
imagery

Expand Layer  
groups:  
Click the "+"  
button.

Turn on Layers:  
Check to box to  
turn on.

The screenshot shows the H&P WebGIS interface. On the left is a 'Layers' panel with tabs for 'About', 'Layers', and 'Legend'. The 'Layers' tab is active, showing a 'Table of Contents' with expandable groups like 'Civic/Planning', 'Flood Mapping', 'Planimetrics', 'Recreation', and 'Overlays'. Each group has a '+' button to expand it. Within these groups are various layer options, some with checkboxes to turn them on. A callout points to the 'Layers Tab' and another to the 'Expand Layer groups' button. A third callout points to a checkbox in the 'Overlays' section, labeled 'Turn on Layers: Check to box to turn on.' The main map area displays a satellite view of a rural landscape with parcel boundaries. A 'Details' panel is open over a selected parcel, showing information such as 'Map Number: 13-36E', 'Account Number: 0006395', 'Owner: SMITH, EARL OR DAVID LEE SMITH', 'Physical Address: 6300 OLD BLUE RIDGE TPKE SYRIA VA 22743', 'Acres: 0.61', 'Property Class Code: 2', 'Occupancy Code: Fair Value', 'Building Value: \$11,000', 'Land Value: \$12,000', 'Total Value: \$23,000', 'Deed Book: 231 Pg: 411', 'Plat Book: 45 Pg: 3', 'Legal Description: 1: IN 230000710 0.610 AC', 'Legal Description: 2: RT 640', 'Source: Imagery', and 'VamaNet Link: 6395'. Callouts point to the 'Identify Adjoining Parcels' button, the 'Zoom To', 'Unhighlight', 'Highlight', and 'Clear' buttons, the 'Export to KML' and 'Export to SHP' buttons, and various links like 'Property Class Codes (pdf)', 'View in Google Maps', and 'Madison County Census Dashboard'. A 'Results' panel at the bottom shows coordinates: 'N: 6869134 E: 11524042' and '38°30'39.2\"



# H&P WEBGIS – ADVANCED QUERY

Advanced Query:

Turn on Layers:  
Check to box to turn on.

Search (Drag me)

Parcel Search

Q Smith

Q Parcel ID (Ex. 39A-4 or 40-20)

Submit Reset

Help for Search Advanced Query

Layer: Parcels

Field: Acres (Double)

Value: 100 (field type: Double)

Add to Query

Query: (MACRE<100)

and or not ( )

Run Clear Sample Values

Help

Build query through dropdown options

Click Add to Query button

Click Run and the Result table will update.

This query would find all the parcels less than 10 acres and have no structure on it.

Query: and or not ( )

(MACRE<10) AND (MTOTOTI=0)

Results

Highlight Clear Highlight Export...

PIN	Map Number	Source	Entered	Number of Parts	UID	Shape_Length	Mailing Address 1	Co-Owner	Mailing Address 2	Mailing City	Mailing State	Acres	M
10 1	10-1	Imagery			3	1828.891806425	1188 F T VALLEY RD			SPERRYVILLE	VA	5.25	22
10 2	10-2	Imagery			4	434.4830728790	PO BOX 252			SPERRYVILLE	VA	0.25	22
10 3	10-3	Imagery			5	824.4999999999	PO BOX 252			SPERRYVILLE	VA	0.941	22
10 4	10-4	Imagery			6	764.4999999999	PO BOX 252			SPERRYVILLE	VA	0.941	22
11 1	11-1	Imagery			7	2134.4999999999	CONNER			WASHINGTON	DC	94.7	20
12 1	12-1	Imagery			8	4811.4999999999	1718 N ST NW	CLUB INC		WASHINGTON	DC	94.7	20

# H&P WEBGIS – SELECT MULTIPLE

Identify button :  
Click the button  
to activate it

Click here to choose a layer to Identify  
information. The default is Parcel.

Click here to choose a  
how you want to make  
the selection. The  
default is “by Point”.

Your cursor will display a  
popup with directions after  
you select the selection  
method.

**NOTE:**  
Be sure to change the  
selection back to “by  
Point” when you want to  
select only 1 feature.

**Results**

Highlight Clear Highlight Export...

ACCOUNT	REMAP	GPIN	OWNER	ADDRESS1	ADDRESS2	ADDRESS3	ZIPCODE1	DISTRICT	DESCRIPT1	DESCRIPT2	DESCRIPT3	LAND_VALUE	IMP_VALUE	CONSIDERAT	PLAT_BOOK	PLAT_PAGE	DEED_BOOK	DI
7083	2HH125086 A	4558-18-0489	HESS, DAVID M & JUDY G		210 REDBUD HWY	ROSEDALE, VA	24280	2	GARDEN CREEK LONG BR		AC 1.19	1400	0	500	0000	0	0348	21
7047	2HH125016	4558-18-2742	CNX GAS COMPANY LLC		1000 HORIZON VUE DR SUITE400	CANONSBURG, PA	15317	2	GARDEN CREEK	0 0	AC 4	9800	64700	80000	0000	0	0223	51
7062	2HH125086	4558-18-5430	HESS, JAMES COY & MARY ESTATE	C/O ANNA BURKHART	740 DIXIE BEE RD	CLARKSVILLE, TN	37043	2	GARDEN CREEK	0 0	AC 15.57	7800	7200	0	0000	0	0241	36
7027	2HH125086 B	4558-08-8638	HESS, DAVID MICHAEL & JUDY FULLER		210 REDBUD HWY	ROSEDALE, VA	24280	2	GARDEN CREEK	0 0	AC 0.63	800	0	500	0000	0	0278	40

Results:  
Your results will  
be found here  
like other  
searches.



# H&P WEBGIS - PRINT

Print Options:

Print

Format: Map & Data

Size: Letter

Orientation: Landscape

Preserve: Extent

Click to Print

You must allow pop-ups for this site.

Note: The map projection used on this site does not scale accurately. Measured distances on the print-outs are about 28% larger than the actual distances.

Help

Print Button

Print out: Map & Data Results

webgis.net/va/Madison/

Map

Layers

Layers: Parcels

PIN: 13 36E

Map Number: 13-36E

Source: Imagery

UID: 131

Shape\_Length: 784.19513597267

Shape\_Area: 37010.120756343

MDWELL: 01

RecNo: 0006395

Owner: SMITH, EARL OR DAVID LEE SMITH

MMAPI: 13 36E

Mailing Address 1: PO BOX 93

Mailing City: MADISON

Mailing State: VA

Acres: 0.61

Land Class Zip: 22727

Building Value: 11000

Occupancy Code: 16

Land Value: 12000

Improved Value: 3000

Location Street Name: OLD BLUE RIDGE

Total Value: 23000

MDSEC1: IN 230000710 0.610 AC

Location House Number: 6300

MDSEC2: 13-36E

Legal Description 3: RT 640

Account: 6395

Location Street Type: TPK

Deed Book: 231

Deed Page: 411

Plat Book: 45

Plat Page: 3

Location City: SYRIA

Location State: VA

Location Zip: 22743

Attributes at point: 11523242, 6869468

Layer: Voting Districts

Name: CRIGLERSVILLE PRECINCT

Polling Location: MOUNTAIN MUSEUM AT CRIGLERSVILLE

Polling Address: 1128 OLD BLUE RIDGE TURNPIKE

Disclaimer: The information contained on this page is NOT to be construed or used as a survey or legal description. Map information is believed to be accurate but accuracy is not guaranteed.

Approx. Scale 1:2793

0 233 ft 466 ft

Results

N: 6870125, E: 11523381

Lat: 38°30' 49.0", Lng: -78°21' 30.9"

VITA, West Virginia GIS, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA | Virginia Geographic Information...

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**Thank You!**

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