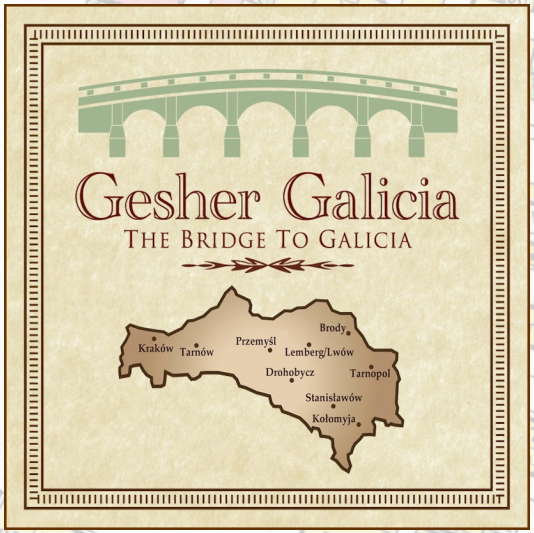
Cadastral Maps

Visualizing the Franciscan Survey

Jay Osborn
Gesher Galicia



07 August 2018
AGAD - Gesher Galicia Symposium
Warsaw, Poland

Cadastral Maps

What, Who, How?

- *What* they are: highly detailed property maps
- *Who* they can help: genealogists and historians
- *How* they can help: by connecting people and institutions to specific places in towns



Cadastral Maps

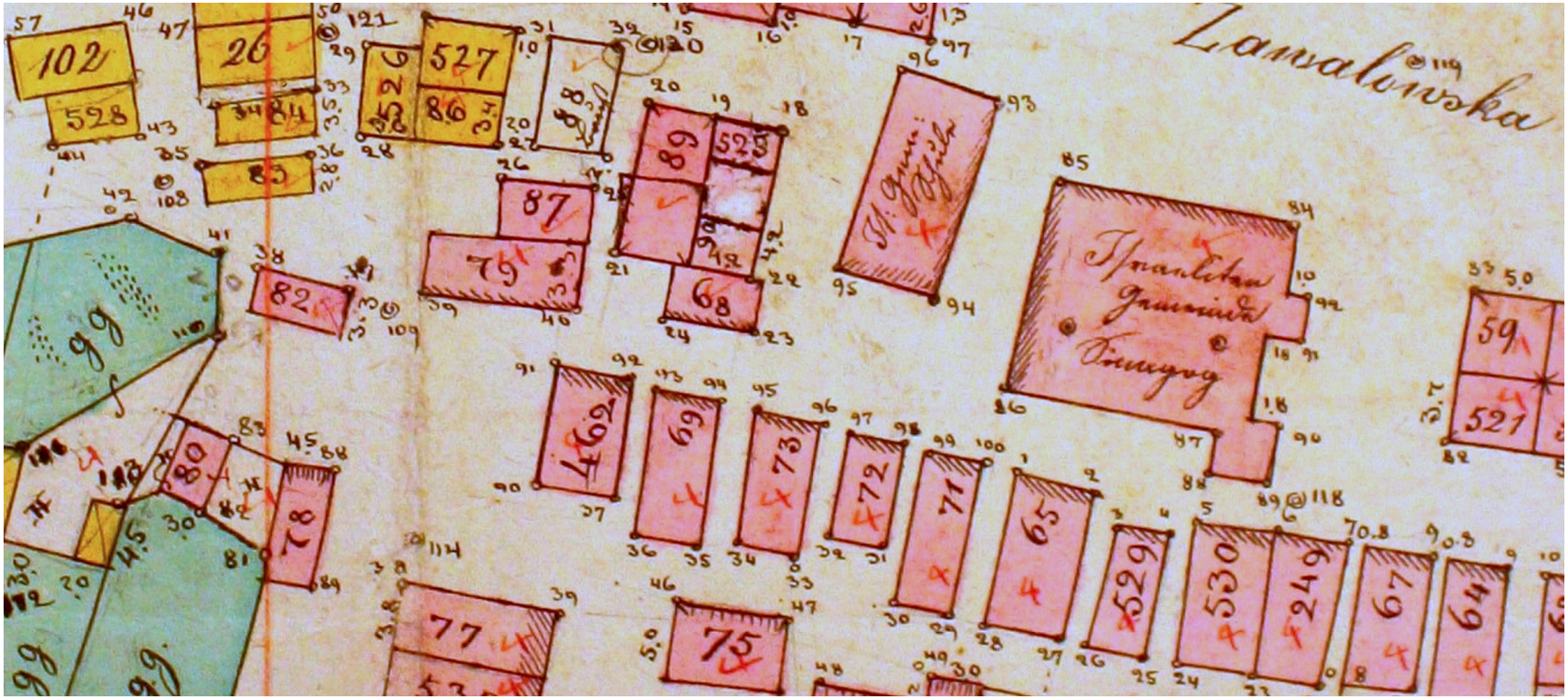
- Map Development and Map Types
- Reading the Maps: Buildings and Land
- Locating Your Family in Ancestral Towns
- From Houses to Communities
- Resources

Cadastral Maps

- **Map Development and Map Types**
- **Reading the Maps: Buildings and Land**
- **Locating Your Family in Ancestral Towns**
- **From Houses to Communities**
- **Resources**

Map Development and Map Types: Initial Field Sketches

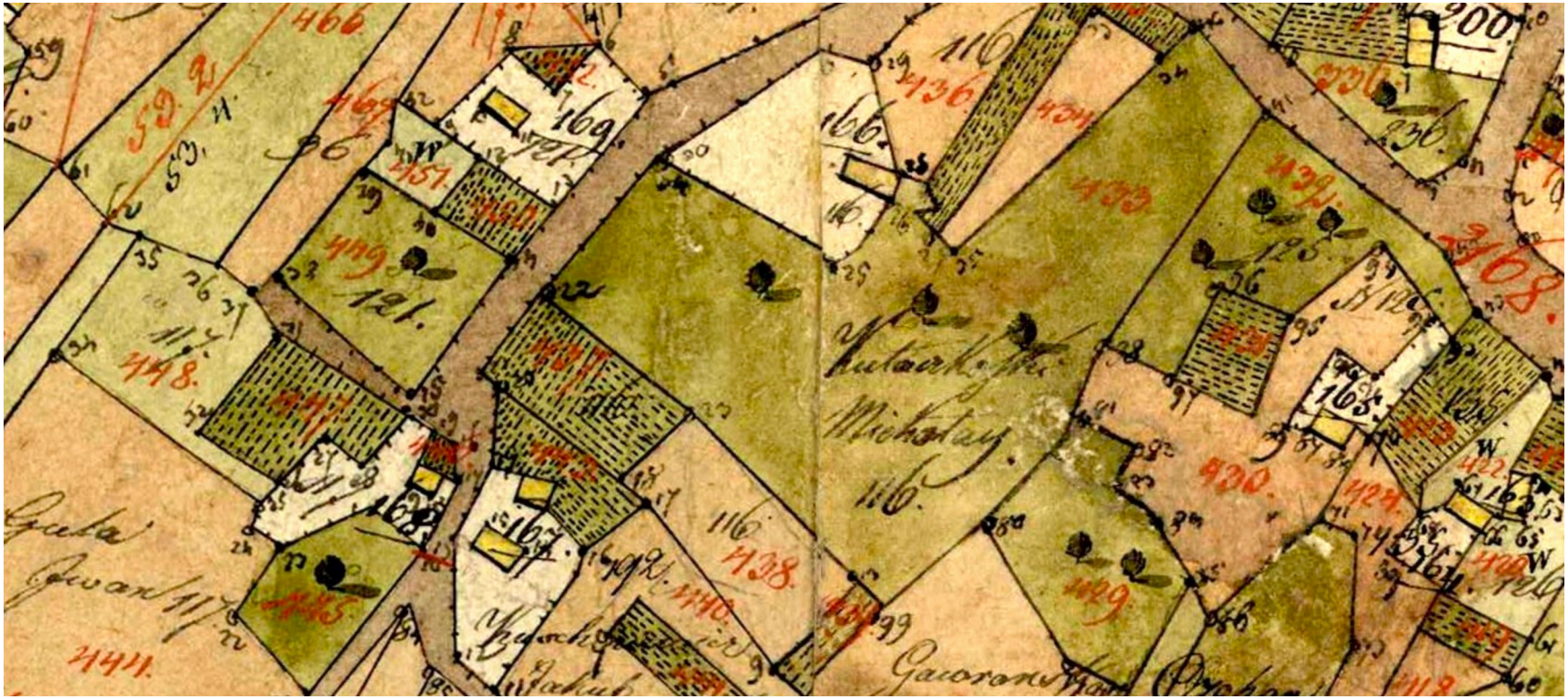
- rough hand sketch from direct observation
- chain measurements of stake points & land/building features
- properties labeled with house numbers and/or owners' names



Podhajce/Pidhaitsi 1846

Map Development and Map Types: Intermediate "Indication" Sketches

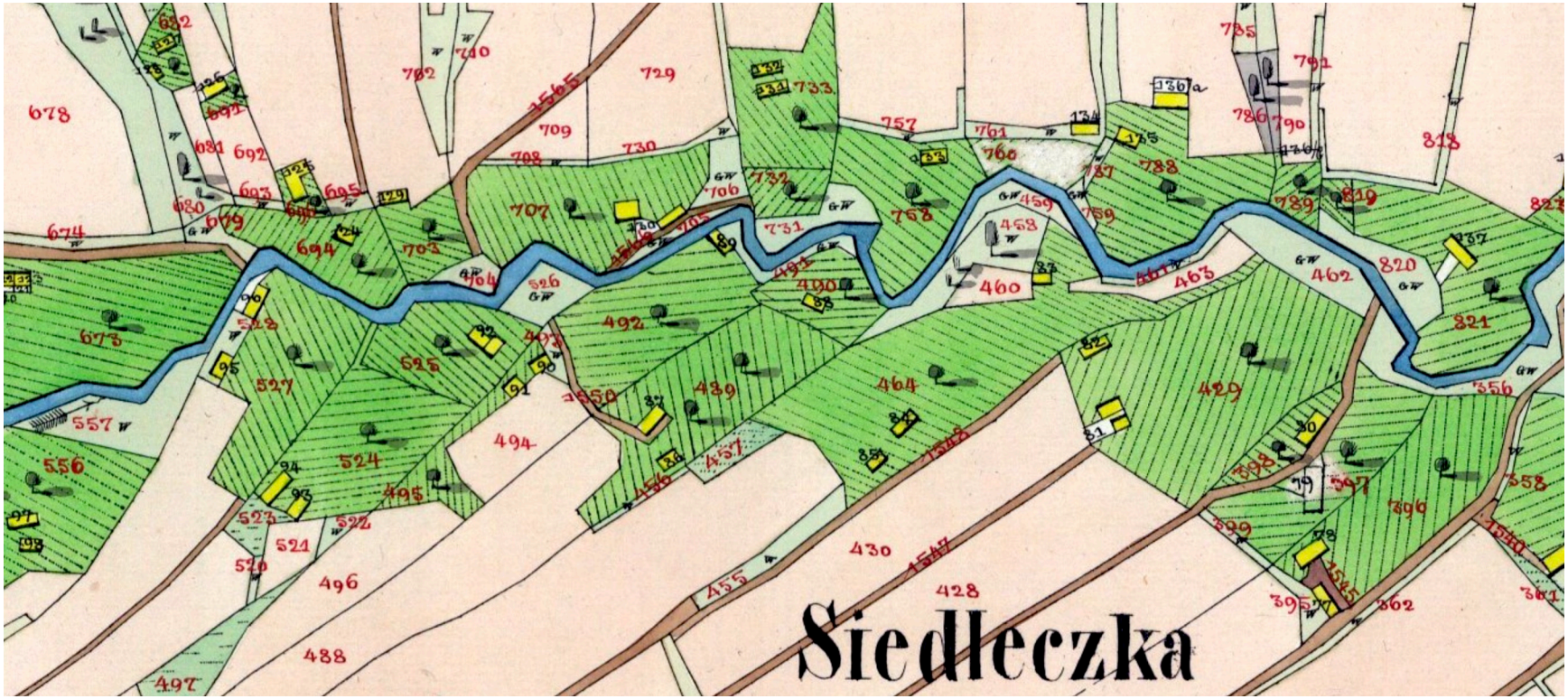
- improved sketch with preliminary triangulation & inspection
- plane table measurements to check and correct locations
- properties labeled with house numbers and parcel numbers



Korolówka/Korolivka 1826

Map Development and Map Types: Final-State Cadastral Maps

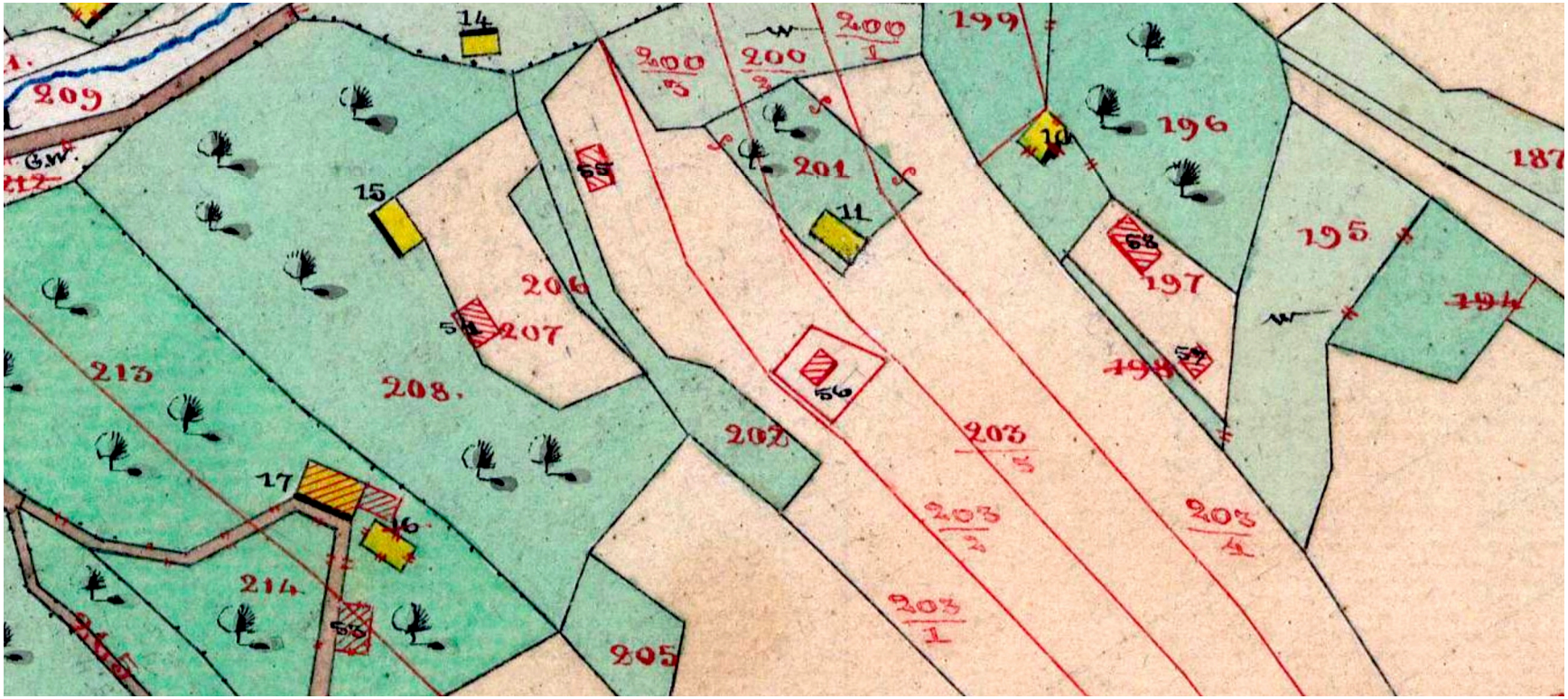
- highest accuracy: lithographed from corrected measurements
- archive and quality legal documents
- properties labeled with land and building parcel numbers – *not house numbers*



Siedleczka 1851

Map Development and Map Types: Survey Updates and Map Revisions

- wide variety: both field and office revisions
- red lines indicate property splits and mergers, buildings added or removed
- property labeling sometimes incomplete (only what changed)



Chodakówka 1849

Cadastral Maps

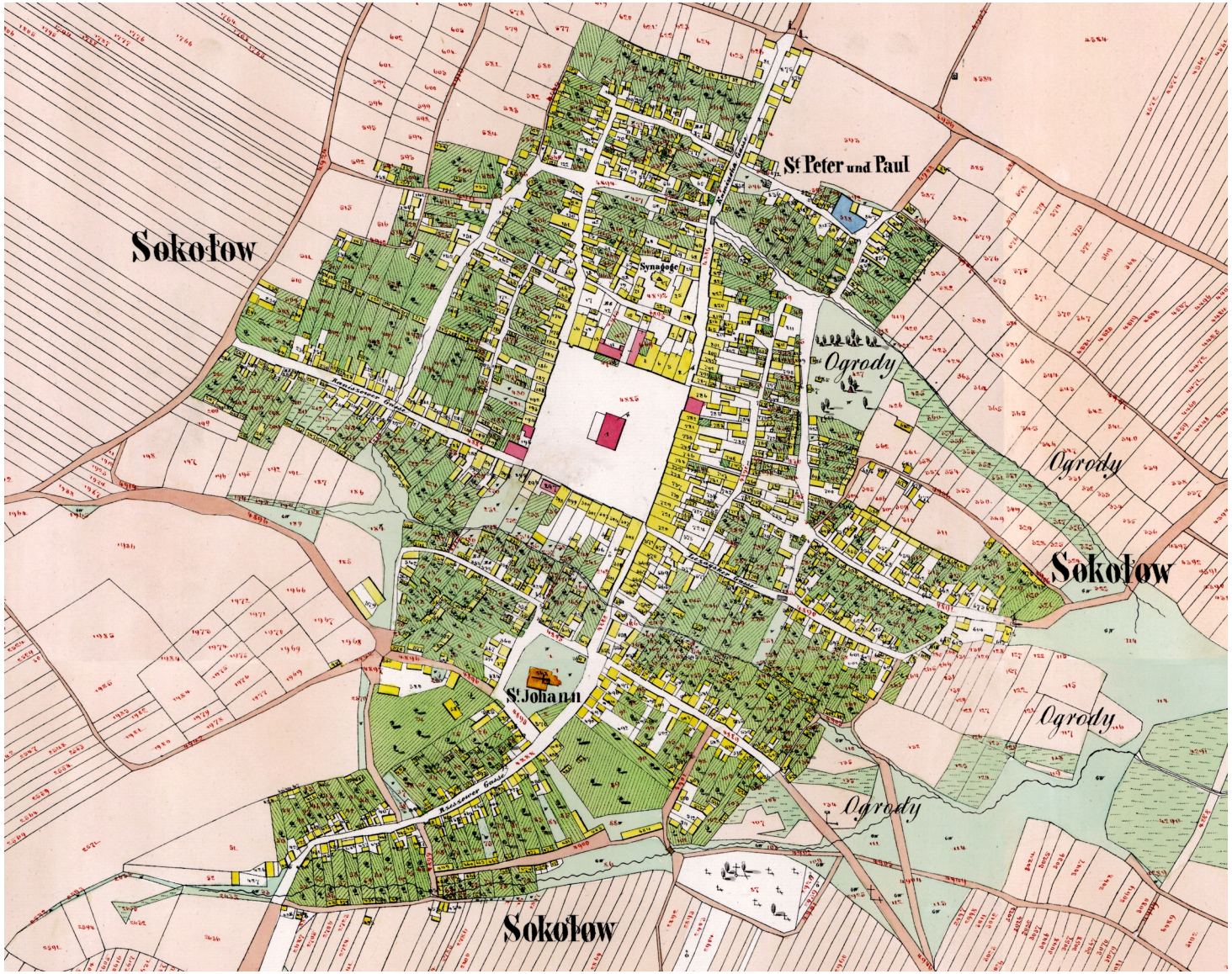
- Map Development and Map Types
- **Reading the Maps: Buildings and Land**
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Reading the Maps: Lay of the Land



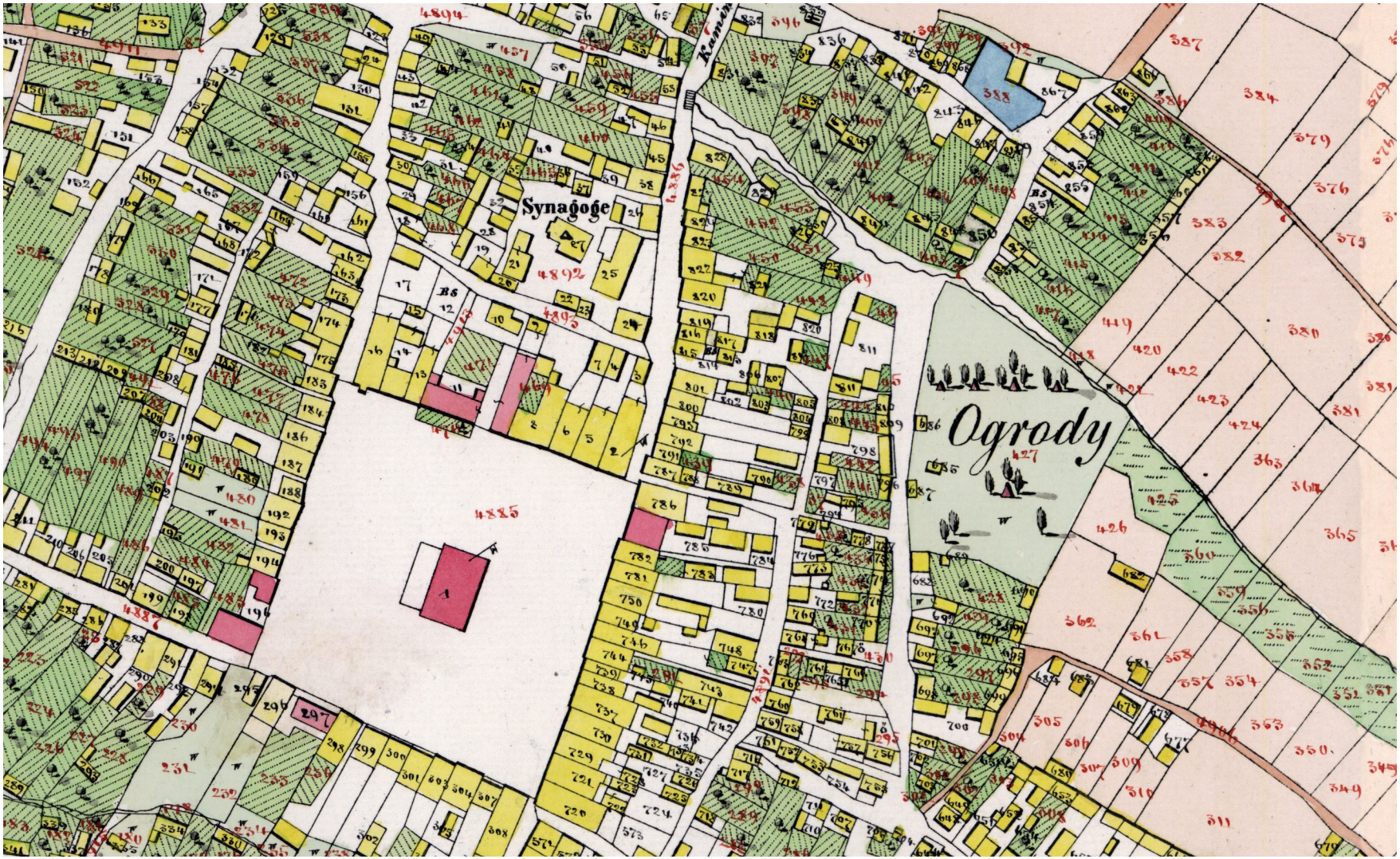
Sokołów Małopolski 1853

Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

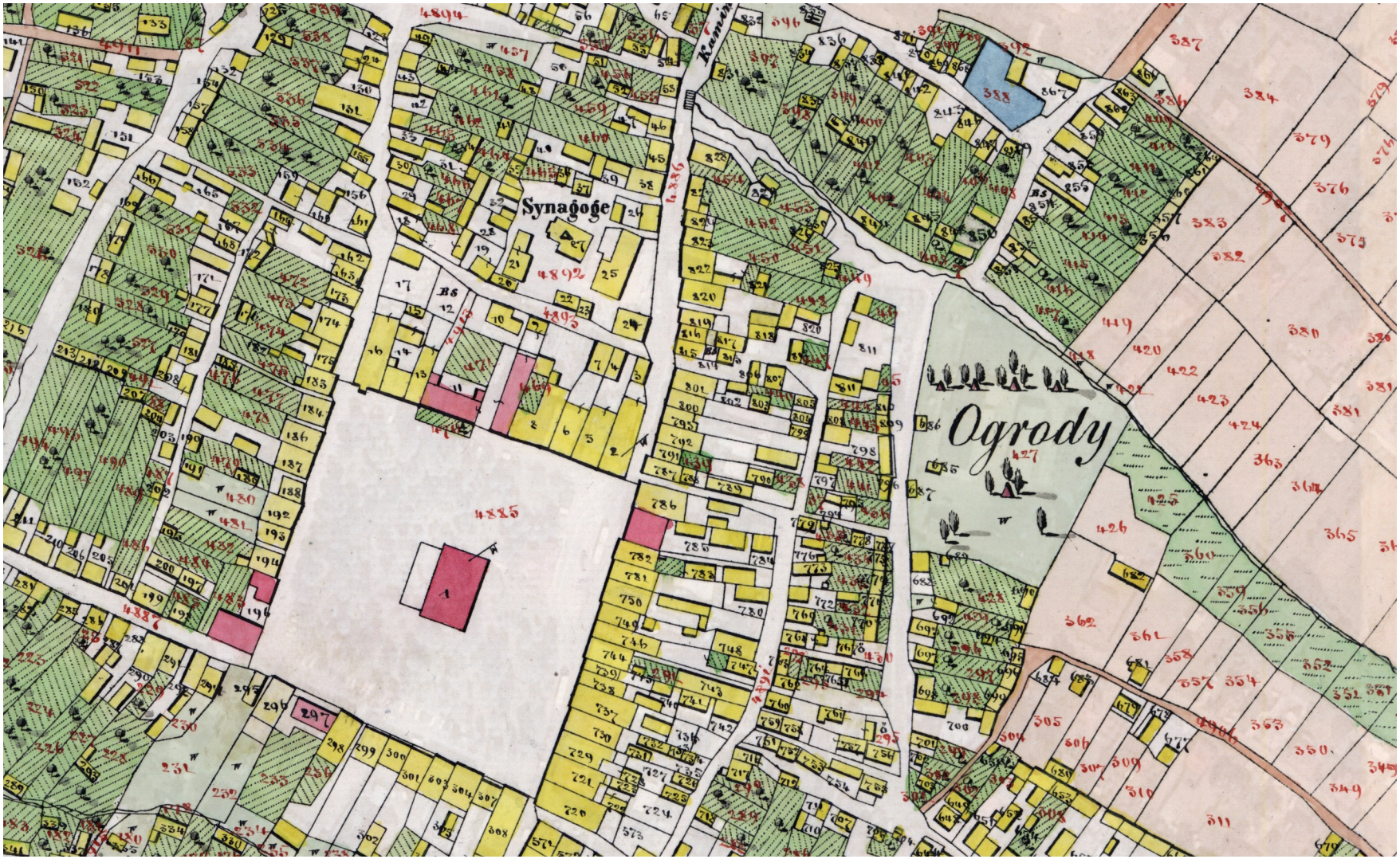
Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

Opacity: 100%

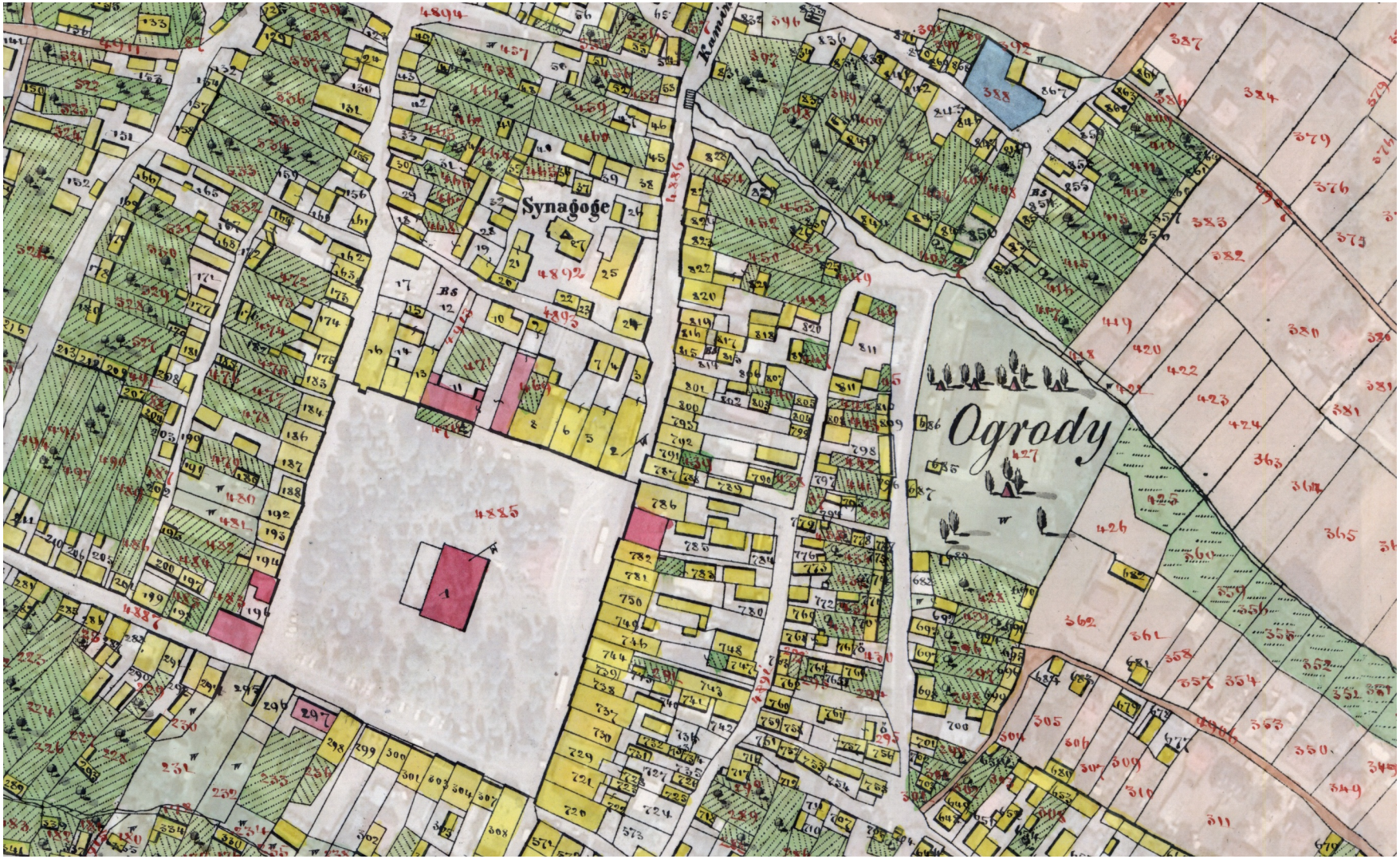
Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

Opacity: 90%

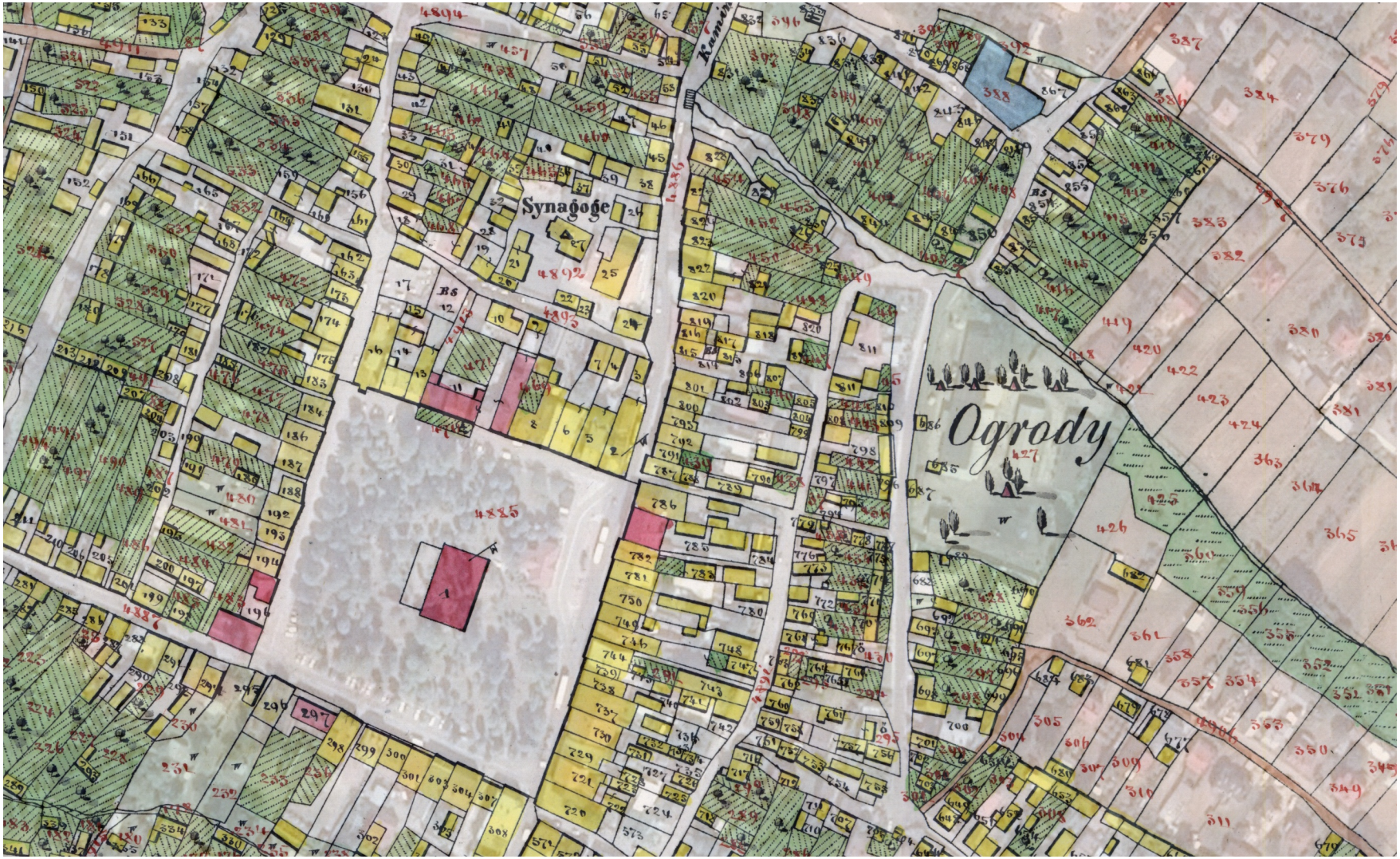
Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

Opacity: 80%

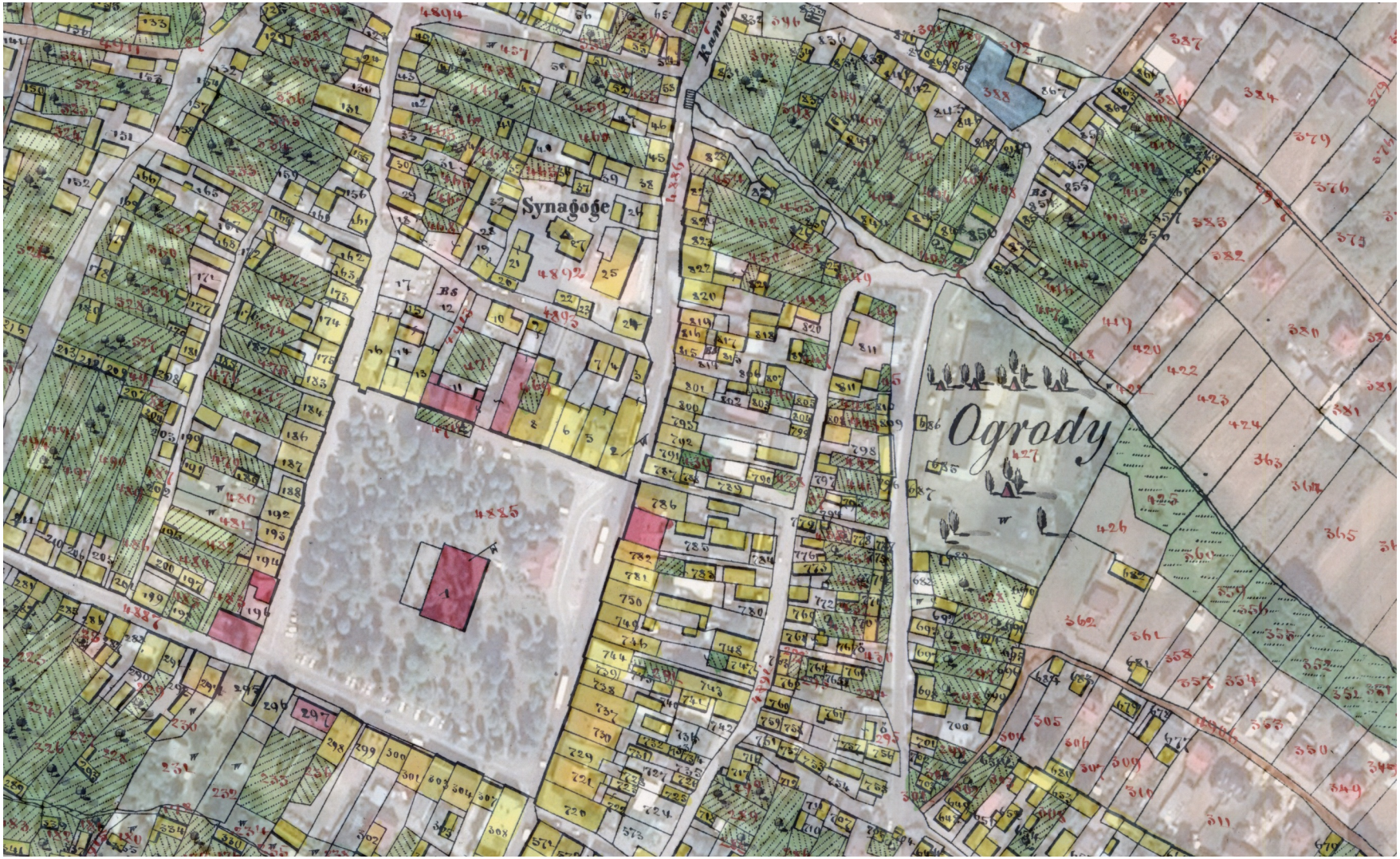
Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

Opacity: 70%

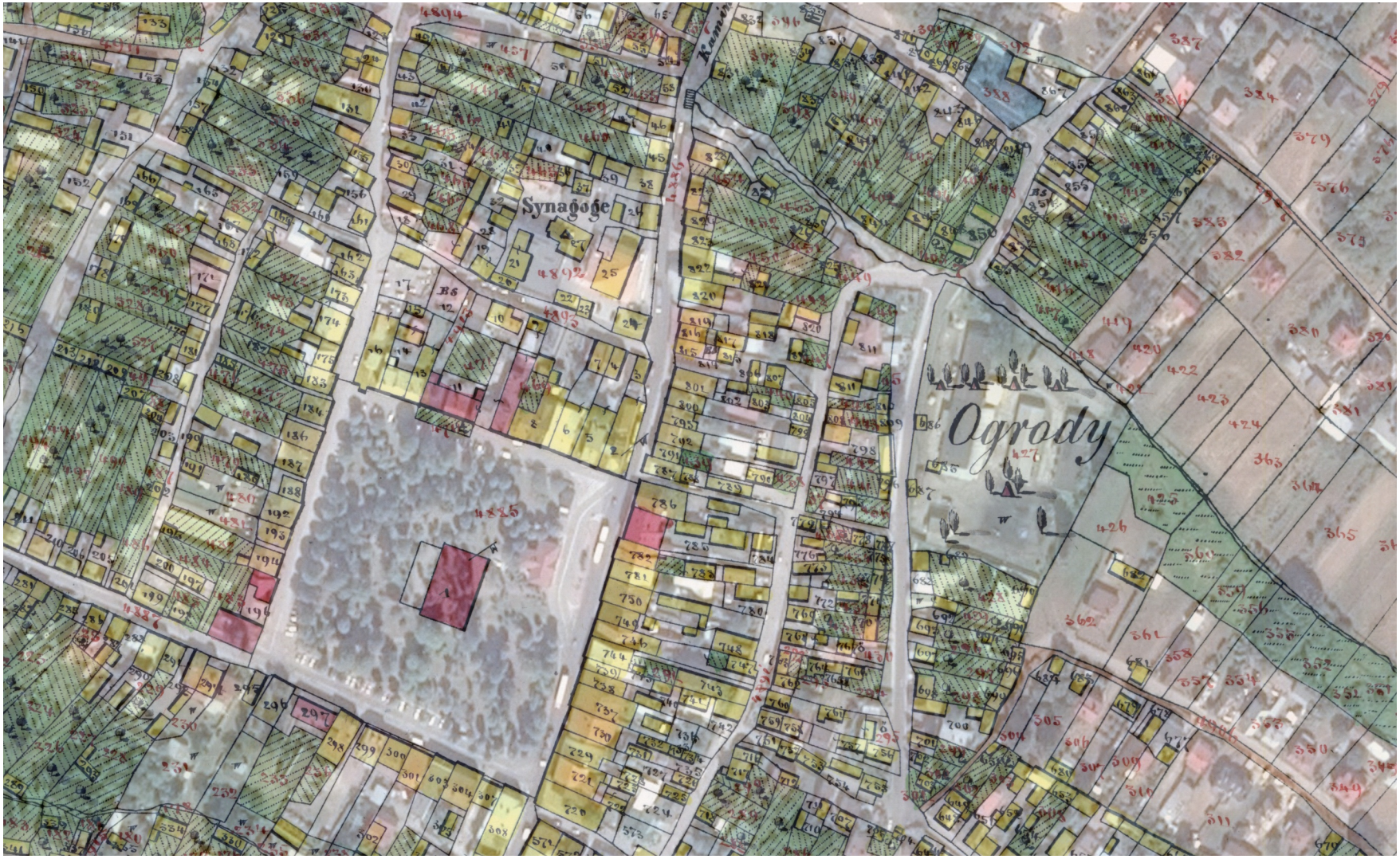
Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

Opacity: 60%

Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

Opacity: 50%

Reading the Maps: Lay of the Land



Sokołów Małopolski 1853 **Opacity: 40%**

Reading the Maps: Lay of the Land



Sokołów Małopolski 1853 **Opacity: 30%**

Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

Opacity: 20%

Reading the Maps: Lay of the Land



Sokołów Małopolski 1853 **Opacity: 10%**

Reading the Maps: Lay of the Land



Sokołów Małopolski 1853

Opacity: 0%

Reading the Maps: Symbols and Colors



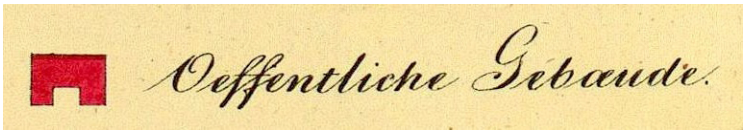
Cadastral Map Legend 1824

Symbols and Colors: Buildings

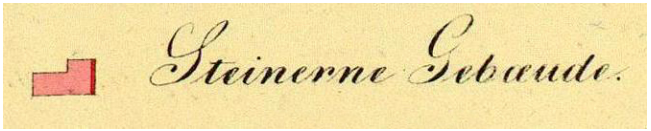
Church:



Public or "substantial" building:



Masonry (stone or brick) building:



Wooden/other building:



Ruin:





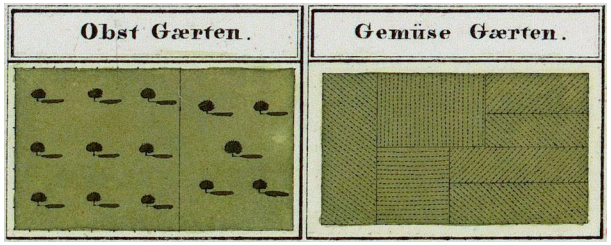
Stary Sambor / Staryi Sambir 1853



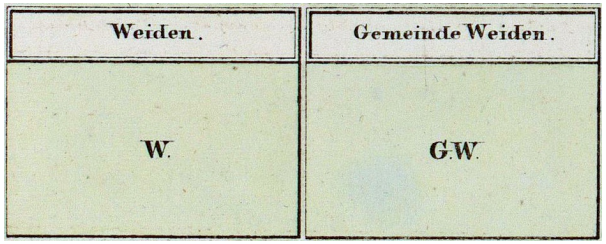
Skała/Skala-Podilska 1859

Symbols and Colors: Fields and Forests

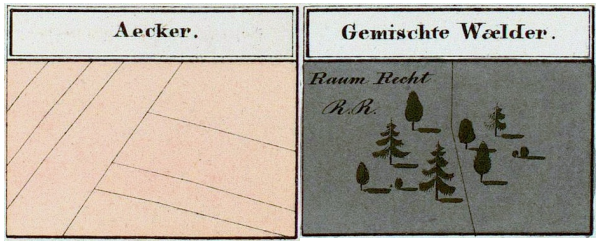
Orchards and vegetable gardens:

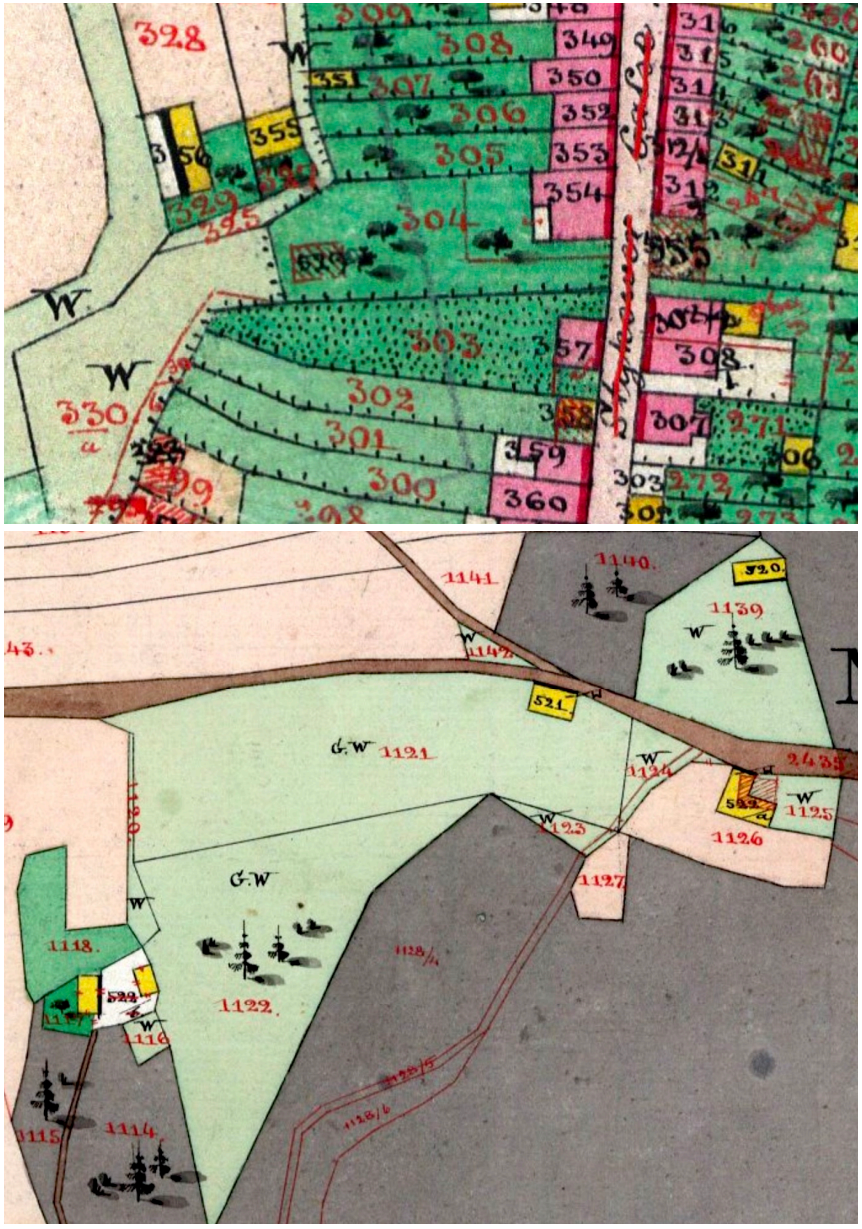


Grazing land, private and public:



Mixed fields, mixed forests:

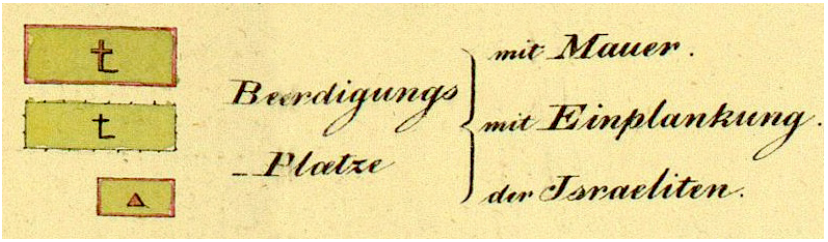


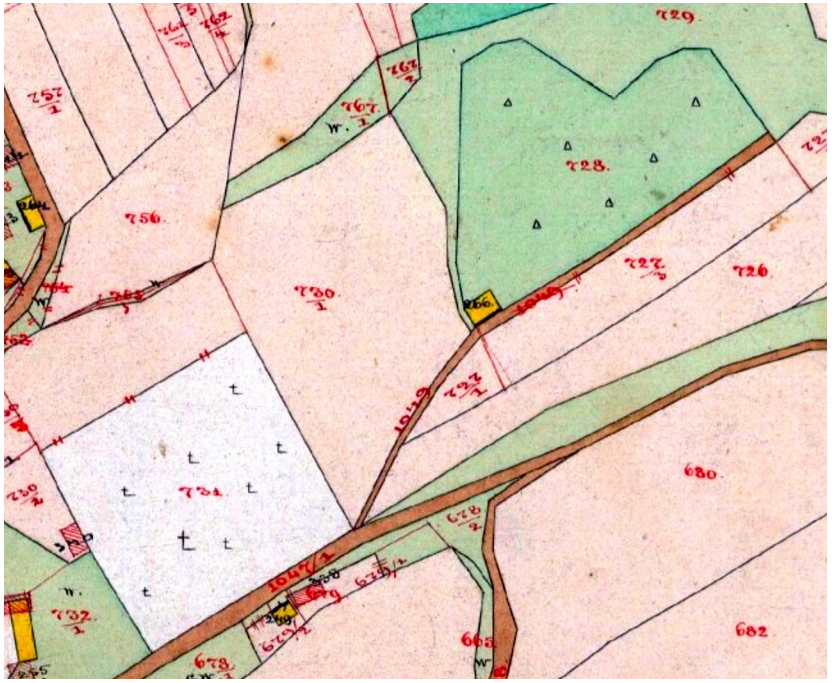


Głogów 1849

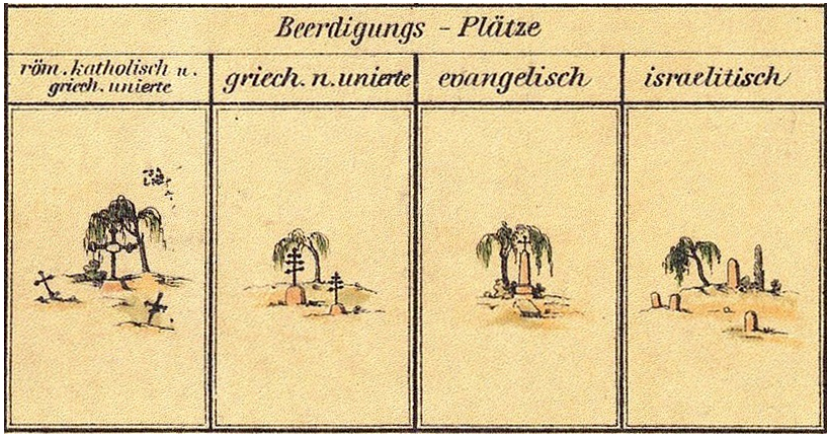
Symbols and Colors: Burial Grounds

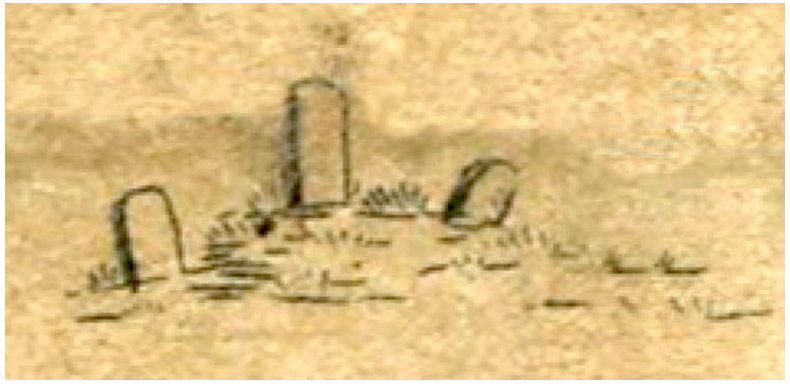
Cemeteries: Christian and Jewish





Dębica 1849





Grzymałów/Hrymailiv ca. 1900

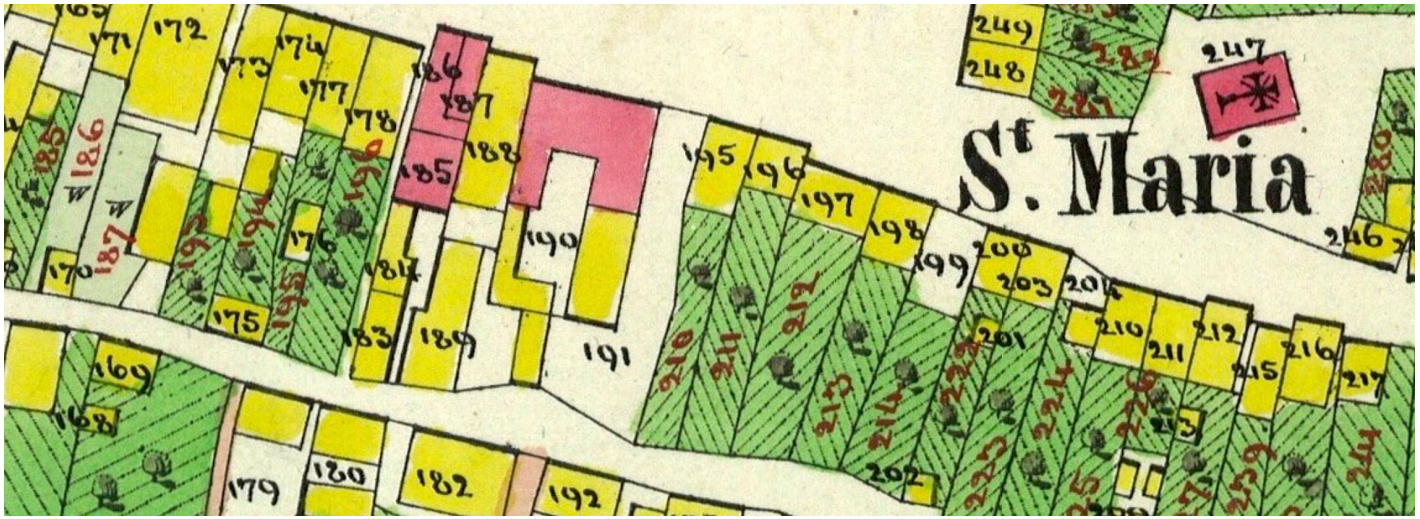
Reading the Maps: House Numbers and Parcel Numbers

- **Field sketches: house numbers (plus survey measurements)**



Rohatyn 1846

- **Cadastral maps: building parcels and land parcels**



Kańczuga 1849

Cadastral Maps

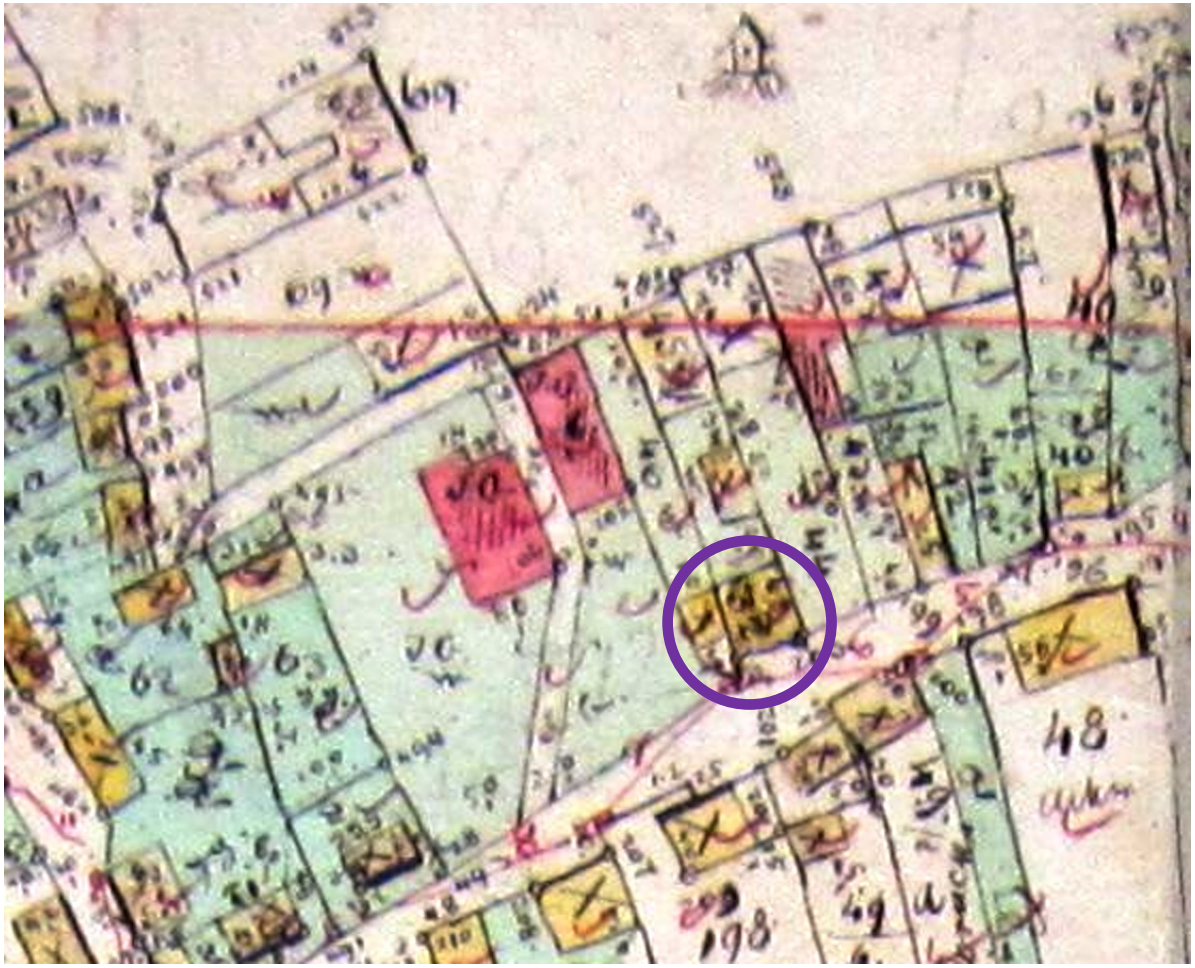
- Map Development and Map Types
- Reading the Maps: Buildings and Land
- **Locating Your Family in Ancestral Towns**
- From Houses to Communities
- Resources

Locating Your Family in Ancestral Towns

Vital Records ▶ House Numbers
Property Records ▶ Parcel Numbers

If you have a field sketch, just find the house:

Ewa Kupferman
born 1856
Sędziszów
house #32



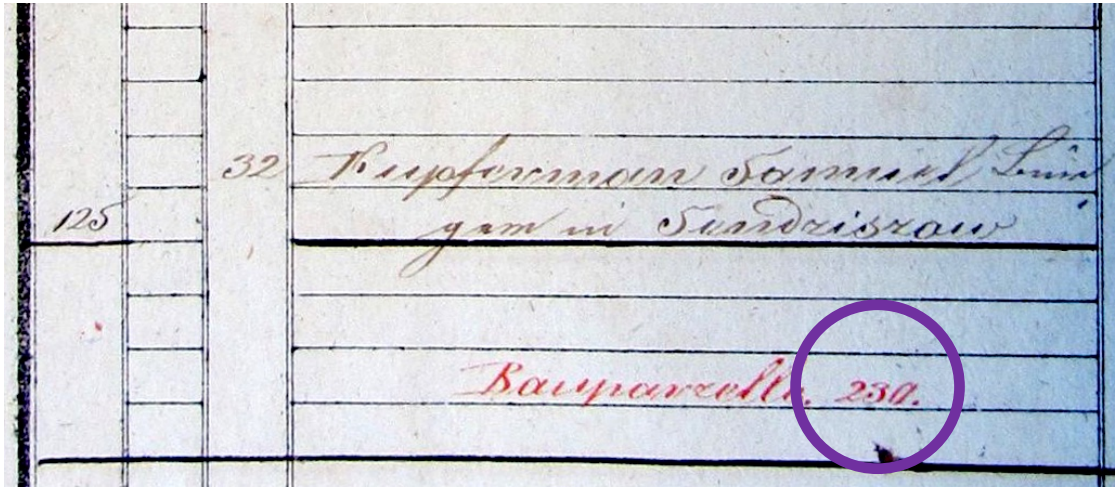
Sędziszów 1849 field sketch

Locating Your Family in Ancestral Towns

Vital Records ▶ House Numbers
Property Records ▶ Parcel Numbers

If you have a final cadastral map, use a property register:





Samuel Kupferman
1849 property owner
Sędziszów
building parcel #230

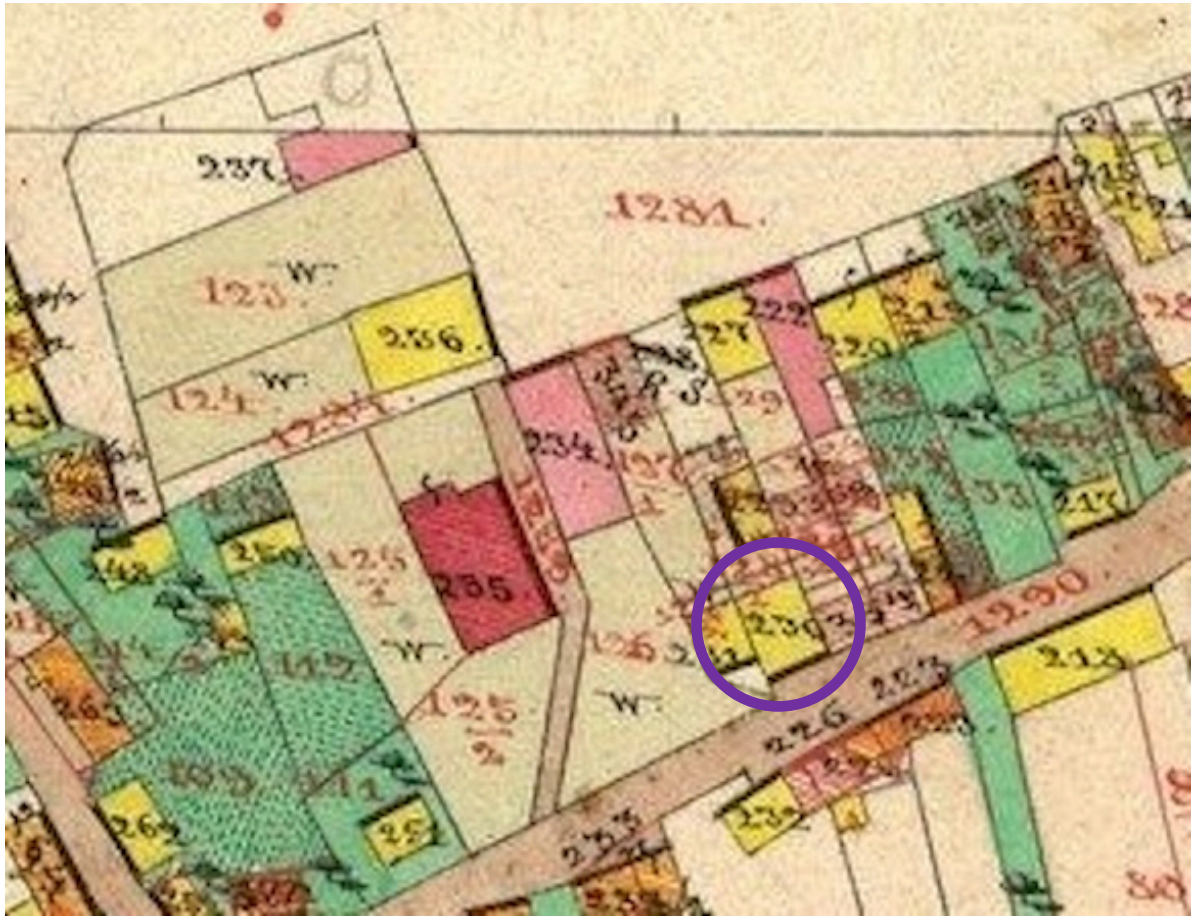
Sędziszów 1849 alphabetical property register

Locating Your Family in Ancestral Towns

Vital Records ▶ House Numbers
Property Records ▶ Parcel Numbers

Then locate the property on the cadastral map:

Samuel Kupferman
1849 property owner
Sędziszów
building parcel #230



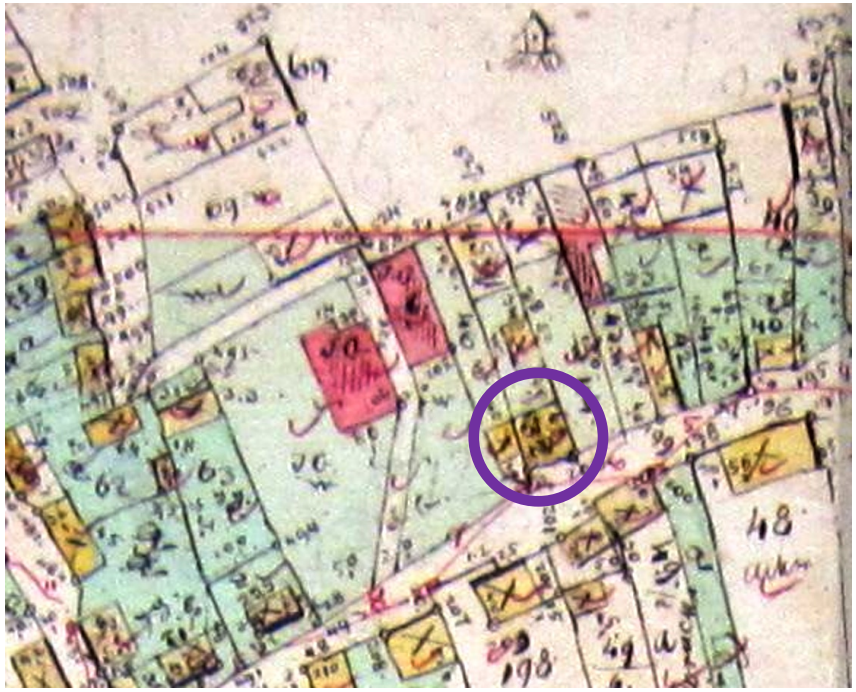
Sędziszów 1849 final cadastral map

Locating Your Family in Ancestral Towns

Sędziszów is very unusual (and very lucky) – both map types surviving is rare

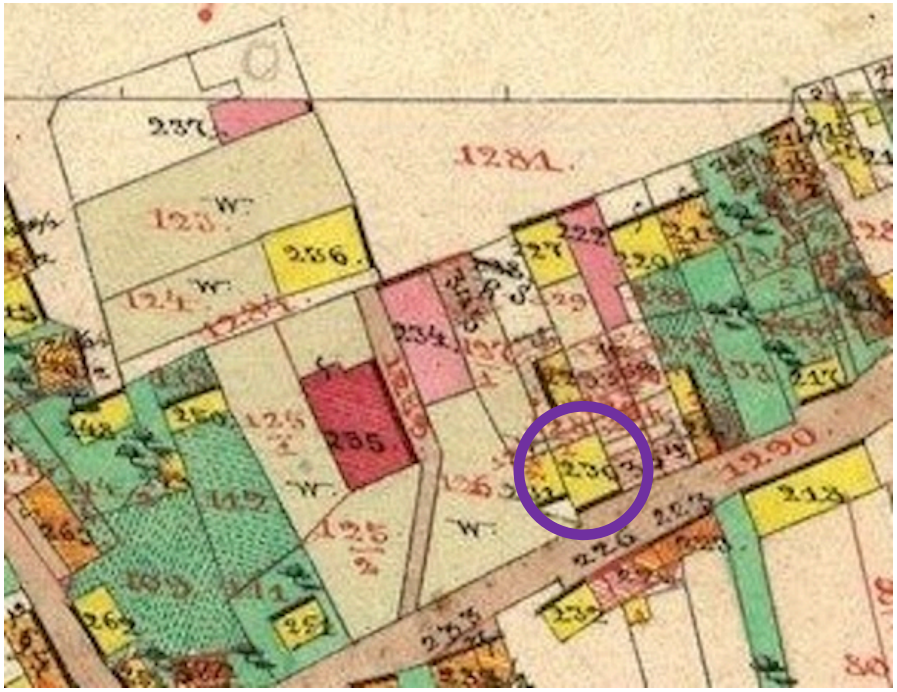
Normally you will need to determine your map type:

Field Sketch = House Numbers



Sędziszów 1849 field sketch

Cadastral Map = Parcel Numbers



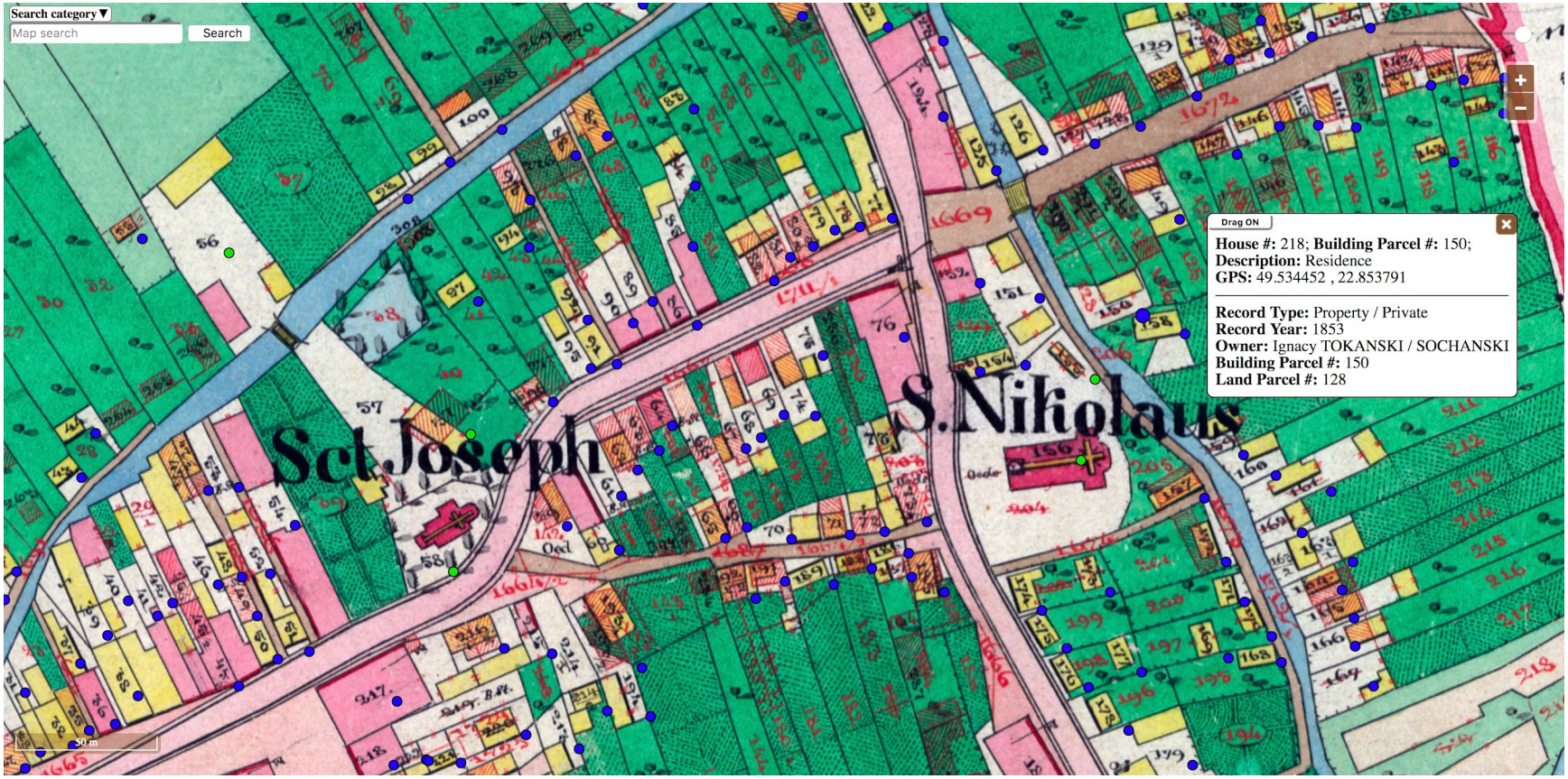
Sędziszów 1849 cadastral map

Cadastral Maps

- Map Development and Map Types
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- **From Houses to Communities**
- Resources

From Houses to Communities

Building and Analyzing Graphical Historical Databases



Chyrów/Khyriv 1853 interactive (pilot)

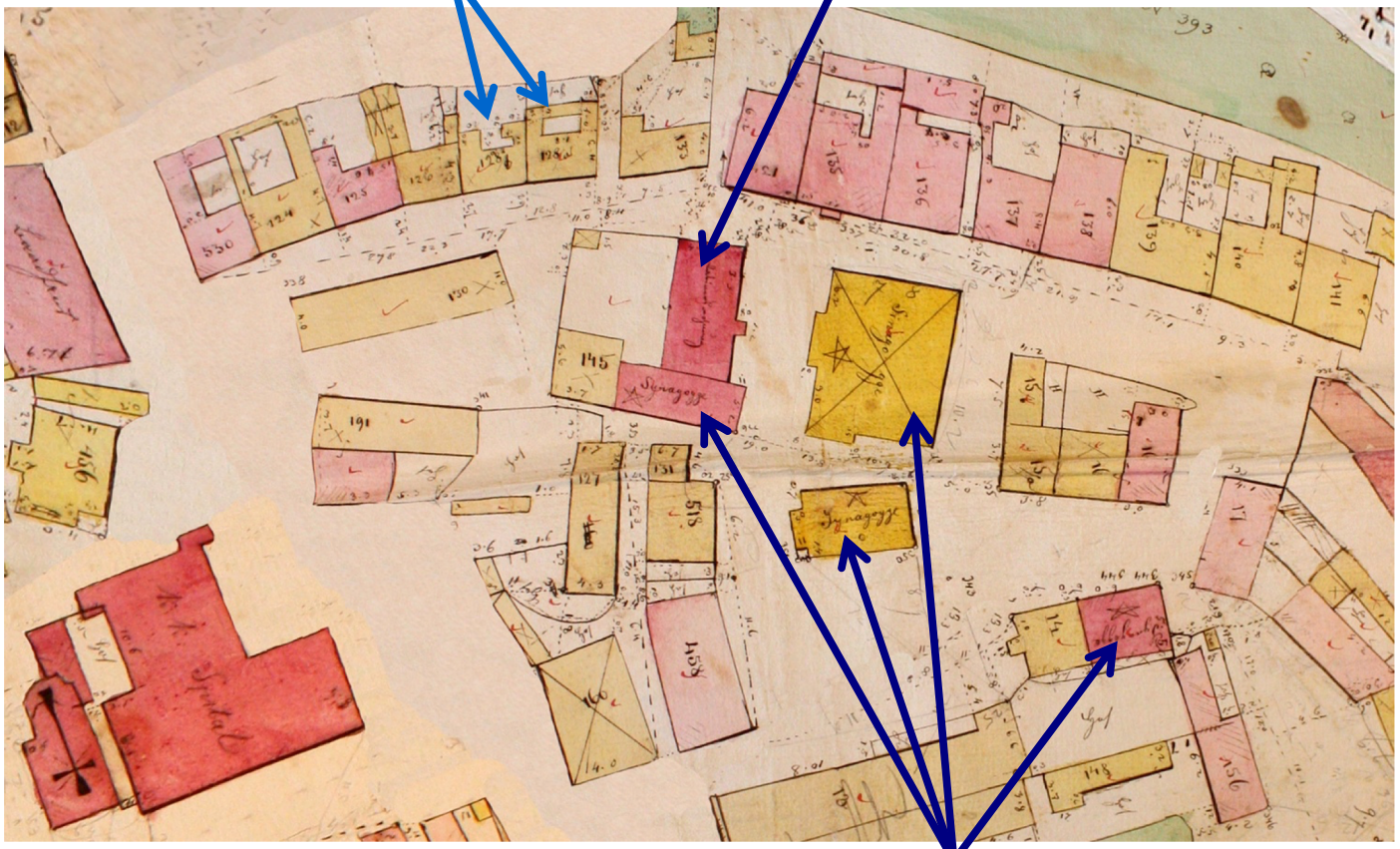
From Houses to Communities

Building and Analyzing Graphical Historical Databases



Chyrów/Khyriv 1853 interactive (pilot)

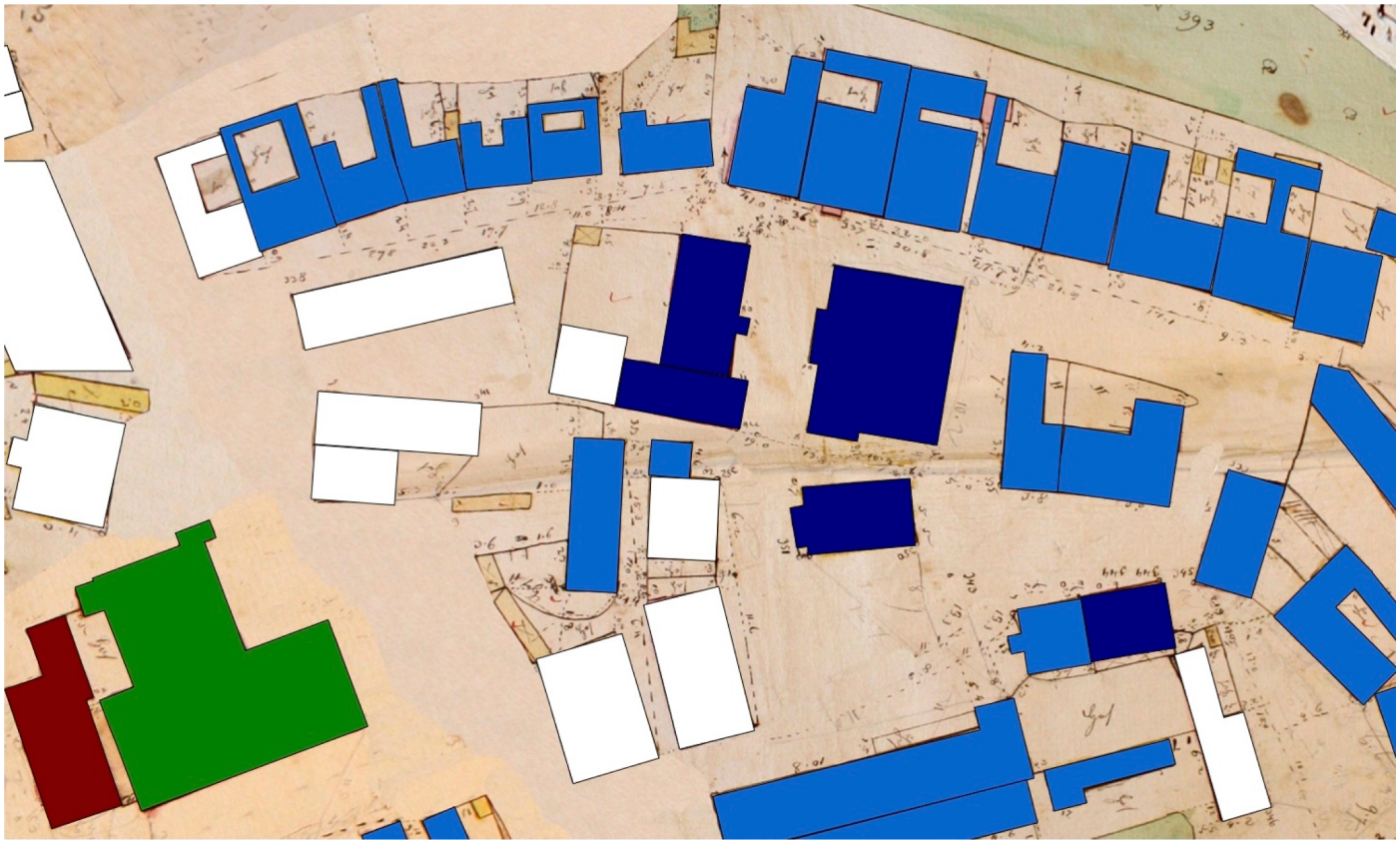
From Houses to Communities



Rohatyn 1846, composite

From Houses to Communities

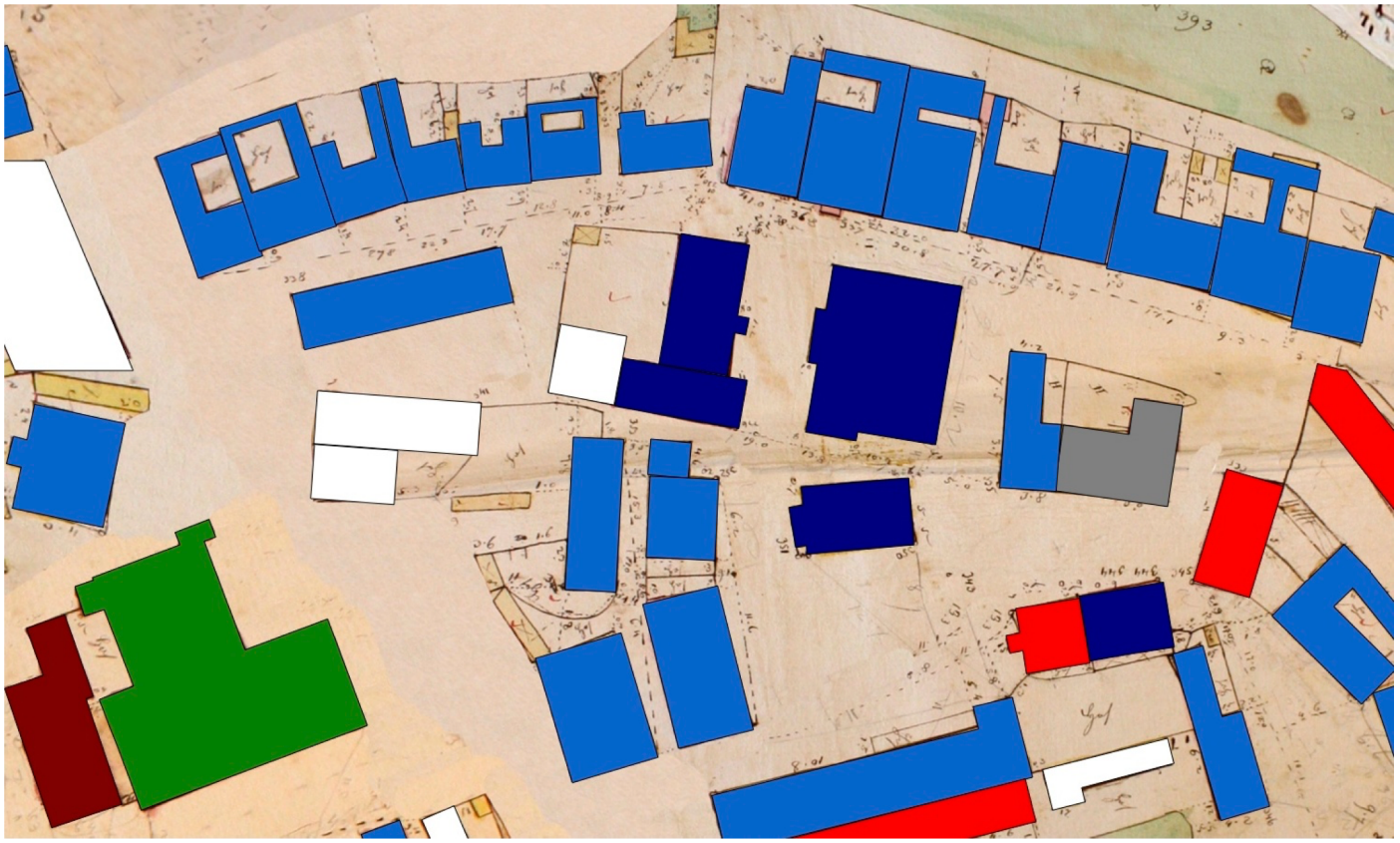
The Neighborhood in 1820



Jewish community
Jewish residents
Austrian administration
Polish community
Polish residents
No data
Ukrainian community
Ukrainian residents
Indeterminate

From Houses to Communities

The Neighborhood in 1846



Jewish community
Jewish residents
Austrian administration
Polish community
Polish residents
No data
Ukrainian community
Ukrainian residents
Indeterminate

Cadastral Maps

- Map Development and Map Types
- Reading the Maps: Buildings and Land
- Locating Your Family in Ancestral Towns
- From Houses to Communities
- **Resources**

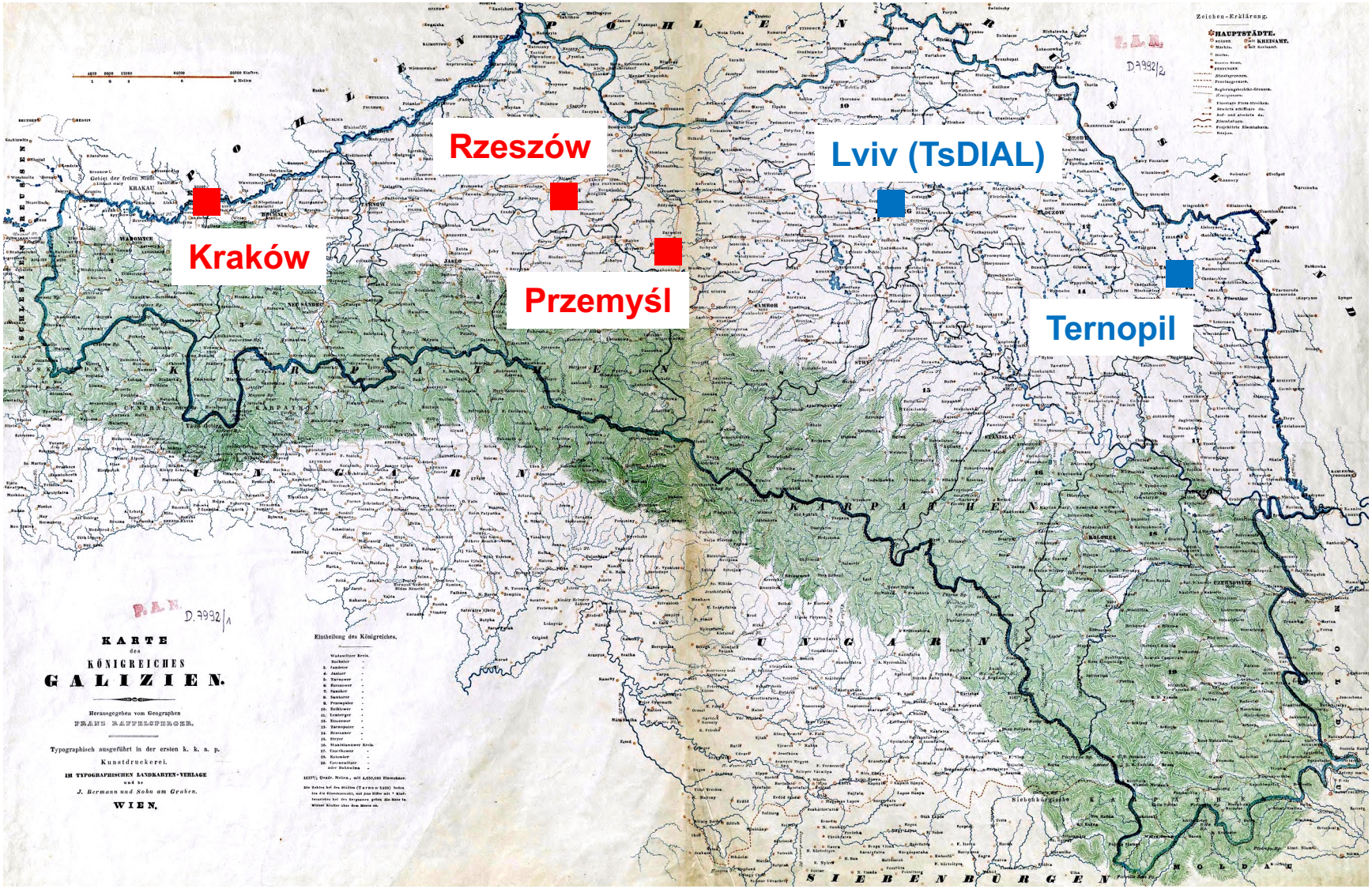
Cadastral Maps: Resources

- **Gesher Galicia Website:**
  - ❖ **dropdown menu "Projects" ▶ Maps**
  - ❖ **dropdown menu "Maps" ▶ Map Room & Inventories**
- **Gesher Galicia Map Room Website: maps & support**
- **Gesher Galicia All Galicia Database: indexed property data**
- **Gesher Galicia Journal *The Galitzianer*: "Map Corner"**
- **Polish State Archives Websites: online maps & indexes**
- **ICARUS inter-archive network: conference papers & links**
- **Numerous researchers in archives and genealogy societies:**
  - ❖ **Susanne Fuhrmann ▶ BEV (Austria)**
  - ❖ **Felix Gundacker ▶ GenTeam (Austria)**
  - ❖ **Brian Lenius ▶ EEGS (Canada)**
  - ❖ **András Sipos ▶ Budapest City Archives (Hungary)**
- **Polish and Ukrainian State Archives**

All maps excerpted in this presentation are included in the GG Map Room. See the online map descriptions for archive attribution.

Cadastral Maps: Resources

Major Cadastral Map Archives in Former Galicia and Bukovina



Raffelsperger 1846