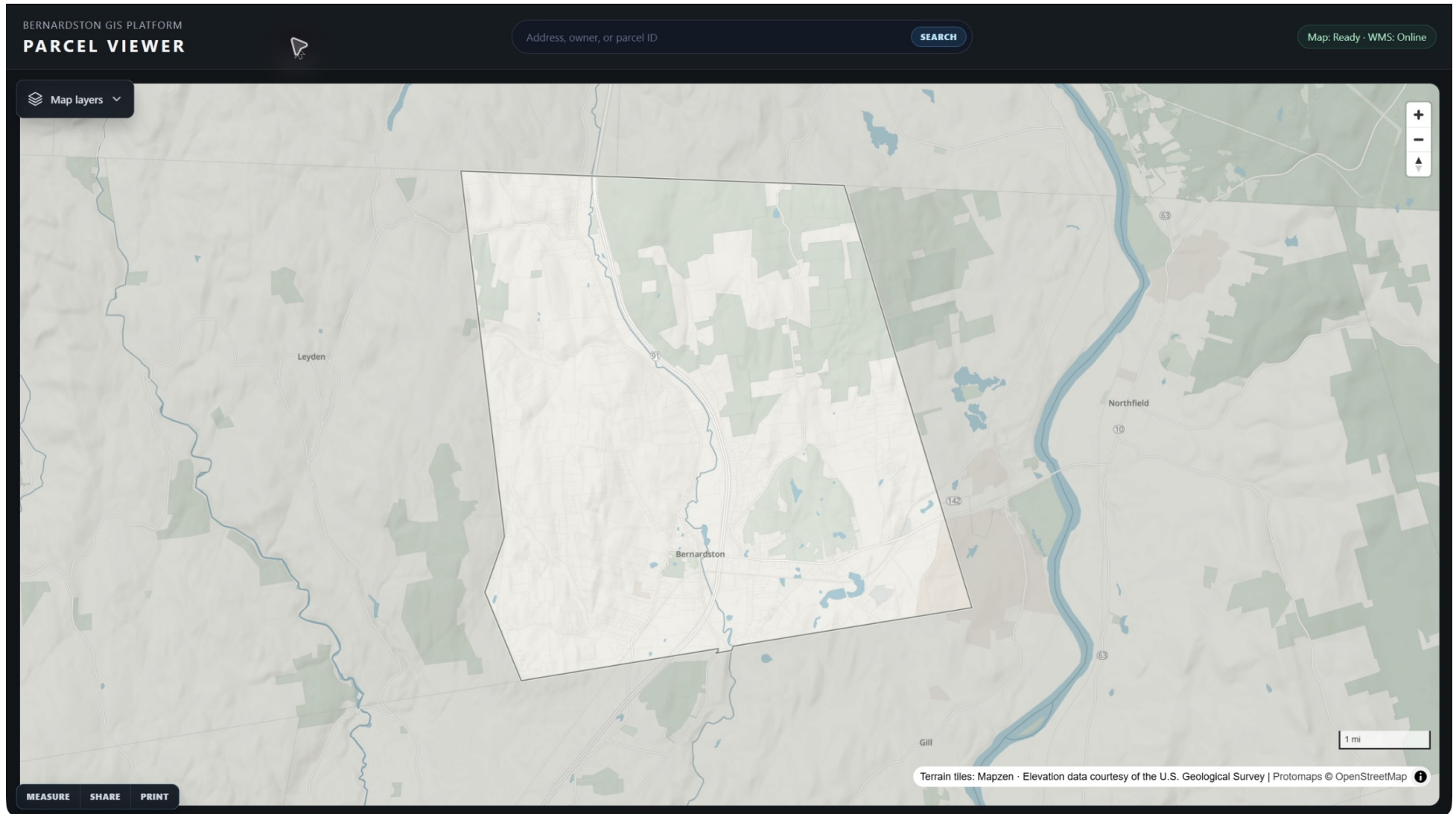


Bernardston GIS Platform

Scott Russell / Parcel review, meeting preparation and open-source GIS architecture



Town overview: the complete town boundary, regional context, terrain, roads and water.

A connected, modular GIS workflow.

PREPARE

QGIS

Data preparation and map review.

STORE

PostgreSQL / PostGIS

Raw, core and application schemas.

PUBLISH

GeoServer

WMS tiles, WFS search and feature queries.

EXPLORE

React + MapLibre

TypeScript interface and review workflows.

THE PROJECT

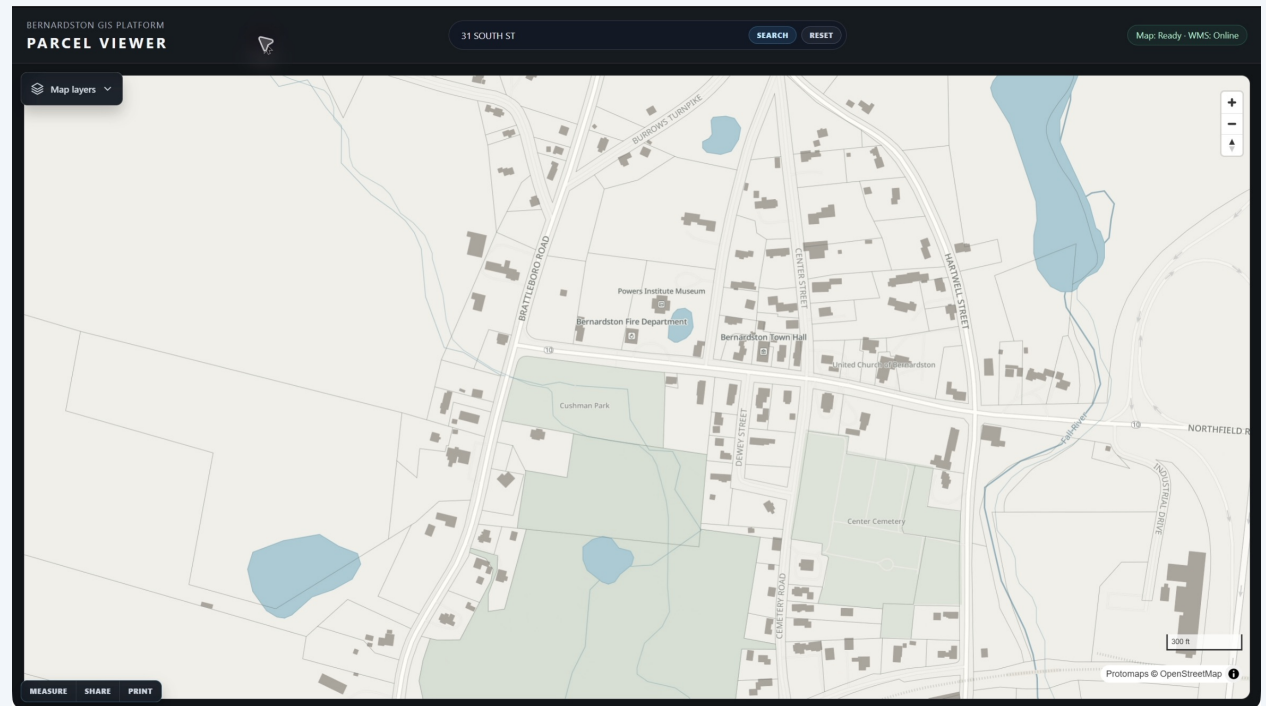
Connect property records, spatial context and meeting materials in a maintainable, open-source application.

MY CONTRIBUTION

System architecture, database structure, service integration, frontend review forms, document workflows and debugging.

IMPLEMENTED WORKFLOWS

Parcel search and layer controls; radius and adjacency abutter review; recipient deduplication; and structured draft hearing packets.



Village detail with buildings, parcel boundaries, road labels and waterways visible.

Independent personal GIS pilot, not a commissioned municipal deployment. Screenshots captured from the current working prototype through GameHost on October 5, 2026, with WMS online and the basemap loaded. Map attribution is retained in each image.

From a parcel to a reviewed abutter list.

Scott Russell / Bernardston GIS Platform / Working prototype

BERNARDSTON GIS PLATFORM
PARCEL VIEWER

Address, owner, or parcel ID

SEARCH
RESET

Map: Ready · WMS: Online

Map layers

MEASURE
SHARE
PRINT

MUNICIPAL TOOL - DRAFT
Abutters Review

SUBJECT
38 CHURCH ST

PARCEL ID
029/014A-0001-0008.0

RULE
Within 300 feet

SOURCE
CY25_FY25

Draft planning aid only. Results must be reviewed against municipal requirements and are not an official or certified abutters list.

SELECTION METHOD
Recalculate the draft

METHOD
Radius review

DISTANCE (FEET)
300

Radius and adjacency are geometry aids. Across-way and statutory parties-in-interest still require assessor review and certification. Recalculation resets removals but keeps manual additions.

27 included parcels

26 recipients 0 manual 1 removed

1 recipient missing a mailing address; omitted from mailing CSV and labels.

Mailing fields are unvalidated source text. A nonblank value does not confirm a complete, deliverable postal address; review every recipient before mailing.

REVIEW RESULTS

44 CHURCH ENTERPRISES LLC - Within 300 feet

☒ 49 CHURCH ST
SOCIETY CONGREGATION UNITARIAN - Within 300 feet

☒ 50 CHURCH ST
SANDRI REALTY INC - Within 300 feet

☒ 52 CHURCH ST
SANDRI REALTY INC - Within 300 feet

☐ 85 BRATTLEBORO RD
BERNARDSTON TOWN OF - Within 300 feet

ADD A PARCEL

Search outside the result

Town Hall example: a 300-foot review with 27 included parcels and 26 recipients after manually excluding a road right-of-way. The map and counts reflect the reviewed list, with recipient deduplication and a missing-address check. This is not a certified notice list.

SCOTT RUSSELL / INDEPENDENT PROJECT / WORKING PROTOTYPE

03

From property context to meeting preparation.

Scott Russell / Bernardston GIS Platform / Working prototype

BERNARDSTON GIS PLATFORM
PARCEL VIEWER

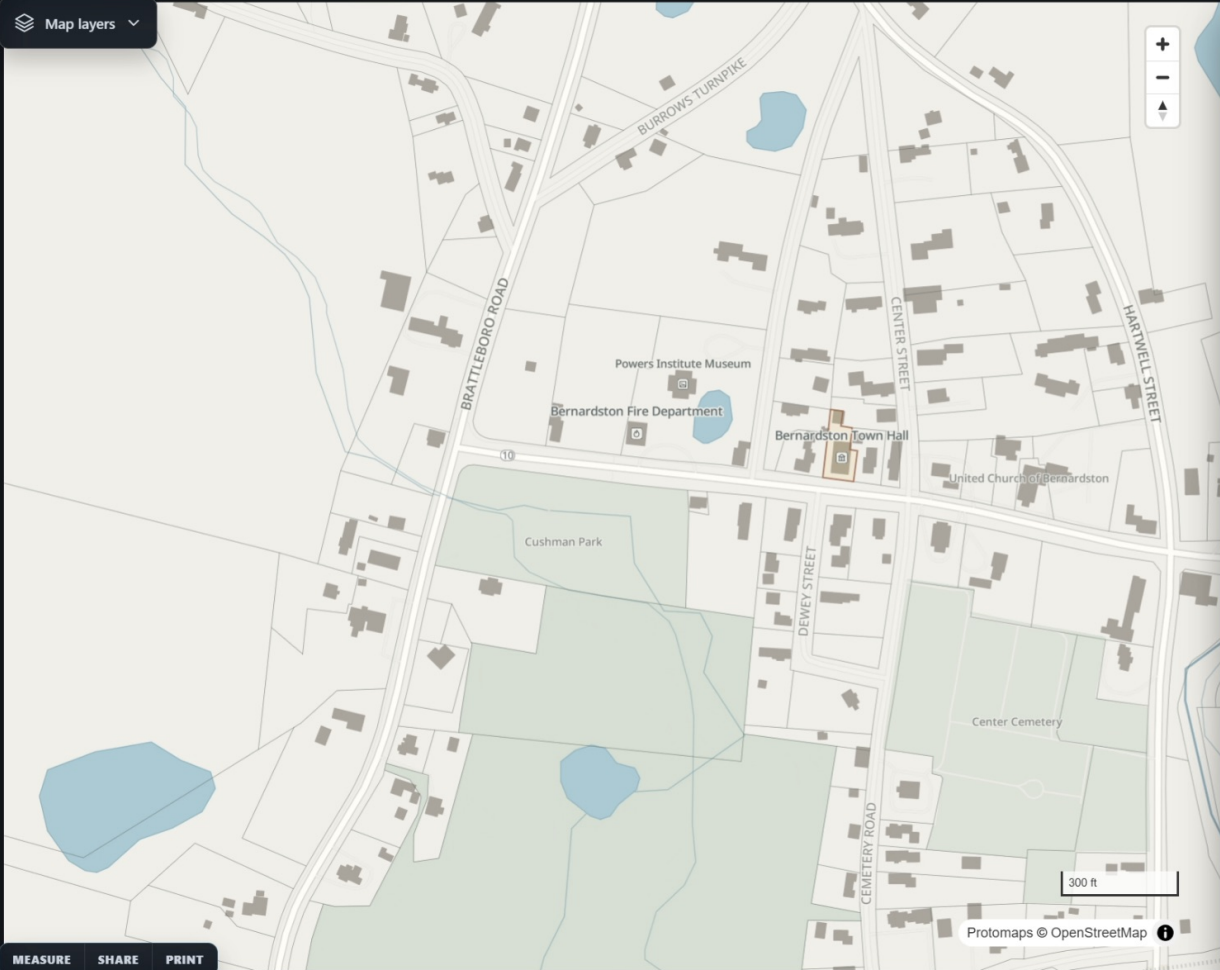
Address, owner, or parcel ID

SEARCH

RESET

Map: Ready · WMS: Online

Map layers



MEASURE

SHARE

PRINT

MUNICIPAL TOOL · DRAFT
Hearing Packet Builder
Staff-assisted meeting preparation

SUBJECT PROPERTY 38 CHURCH ST	PARCEL ID 029/014.A-0001-0008.0	OWNER OF RECORD BERNARDSTON TOWN OF	ZONING CV
---	---	--	---------------------

Staff-assisted draft for meeting preparation. This packet does not issue legal notice, certify parties in interest, record an official decision, or replace review of the application and municipal records.

01

Meeting details
Identify the board, filing, and scheduled hearing.

Board or commission REQUIRED

Planning Board

Application type REQUIRED

Site Plan Review

Case number REQUIRED

DEMO-2026-01

Applicant REQUIRED

Portfolio demonstration

Hearing date REQUIRED

10/20/2026

Hearing time

--:-- --

Location

Bernardston Town Hall

02

Request and staff context
Describe the requested action without drafting findings or a decision.

Requested action REQUIRED

Illustrative meeting-preparation example using a public town-owned parcel. Assemble property facts, a map, and reviewed abutters into a draft packet. No actual application or hearing.

Prepared by

Scott Russell - portfolio demo

Staff notes

Optional meeting-preparation notes. Do not enter confidential or deliberative material.

6 of 6
required packet fields complete

CLOSE

PRINT DRAFT PACKET

The Hearing Packet Builder keeps property facts and map context alongside case details and the requested action. This populated form uses illustrative information only: DEMO-2026-01 is not an actual application or hearing. Packet output remains a staff-assisted draft.