

Thursday, July 15, 2021
Historic Preservation Commission Electronic Meeting Agenda

4:00 PM

Meeting may be viewed at: Live Stream on City of College Place, Washington YouTube at https://www.youtube.com/channel/UCbx3qrqzLDL_05NusReSI-g/featured

Or you may call this number to listen: 1-669-900-9128 ID#936 6293 2322

Zoom Attendee Link: <https://zoom.us/j/93662932322>

1. Opening Items

Subject :	1.01 Discussion Protocol for Virtual Meetings
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	1. Opening Items
Access :	Public
Type :	Information

Public Content

Virtual Meeting Discussion Protocol:

- After staff presentation of an item, the Chair will request comments from each Member
- After each member has had an opportunity, the Chair will then speak if so desired and Members will use the raise hand feature to notify the Chair of their desire to speak again. However, they will not enter the conversation without first being recognized by the Chair. This should allow for a thorough discussion with everyone having opportunity to express their views while maintaining order.

Subject :	1.02 Call to Order
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	1. Opening Items
Access :	Public
Type :	

Subject :	1.03 Roll Call
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	1. Opening Items
Access :	Public
Type :	Information

Public Content

Position 1 - Stanley Green, Chairperson - term expires 12/31/2021

Position 2 - Gary Petersen, Vice Chair - term expires 12/31/2022

Position 3 - Mike Denny - term expires 12/31/2022

Position 4 -Edward Kontz- term expires 12/31/2023

Position 5 -Terrell Gottschall- term expires 12/31/2021

Staff

Jon Rickard, Community Development Director

Kristi Scherger, Community Development Administrative Assistant

2. Consent Agenda

Subject :	2.01 Approve Agenda for July 15, 2021
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	2. Consent Agenda
Access :	Public
Type :	
Subject :	2.02 Approve Minutes from June 17, 2021
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	2. Consent Agenda
Access :	Public
Type :	Action (Consent), Minutes

File Attachments

[HPC MINUTES JUNE 17 21.pdf \(856 KB\)](#)

Subject :	2.03 Approve Consent Agenda - Our adopted rules of Parliamentary Procedure, The Standard Code of Parliamentary Procedure, provide for a consent agenda listing several items for approval of the Commission by a single motion. Most of the items listed under the consent agenda have gone through previous review either, at a workshop, or by subcommittee review and recommendation. Documentation concerning these items has been provided to all Commission members and the public in advance to assure an extensive and thorough review. Items may be removed from the consent agenda at the request of any Commission member.
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	2. Consent Agenda

Access :	Public
Type :	Action (Consent)
Recommended Action :	Motion to approve consent agenda items 2.01 through xxxx

3. Public Comment

Subject :	3.01 Public Comment Procedure for Virtual Meetings - Commission meetings are primarily structured to permit Members to arrive at the decisions necessary to advise the Commission.
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	3. Public Comment
Access :	Public
Type :	Information

Public Content

Commission meetings are primarily structured to permit Members to arrive at the decisions necessary to advise the Commission.

COVID-19 Virtual Meeting Protocol for Public Comment:

When submitting public comments, include the following regardless of the manner you are using: - Note that there are deadlines for each method of commenting.

- Your Name
- Your Address

Public comments may be provided in one of three ways:

- Comments in writing of no more than 1 page (If typewritten, no less than 11 pt font.) may be submitted no later than 4:30 PM on the meeting date to be included in the record.
- Comments may be made by telephone during the meeting by calling a number that will be provided to you upon notification to the City Clerk no later than 2:30 PM the day of the meeting.*
- Comments may be made by virtual meeting attendance with a link that will be provided to your email upon notification to the City Clerk no later than 2:30 the day of the meeting.*

*If you would like to make a public comment by either phone or virtual meeting, you can contact the clerk at clerk@cpwa.us or by phone at 509-394-8511 no later than 2:30 on the meeting date.

4. Regular Agenda

Subject :	4.01 Poor Farm Cemetery-Ground Penetrating Radar (GPR) Project - 2nd Public Presentation
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	4. Regular Agenda
Access :	Public

Type :

Information

Public Content

The City received a grant from the Department of Archeology and Historic Preservation (DAHP) to conduct a Geophysical Survey of the Walla Walla County Poor Farm Cemetery. The surveys will use geophysical methods to determine locations of grave sites, and any other significant sub-surface objects, at the site of the Cemetery for the Walla Walla County Poor Farm. The proposal consists of a ground penetrating radar (GPR) survey and magnetometer survey as well as total-station laser range finder, GPS, and compass and tape measurements.

The goals are 1) Catalog information on our historic cemetery, and 2) Develop an informational map to educate the public about the historic cemetery.

Mr. Bernard Housen, PhD, LG, of the Geology Dept at Western Washington University was selected as the consultant to complete this survey. Mr. Housen provided a brief presentation on the project on March 18, 2021 at the project's 1st public presentation.

Berni was on site May 21st to begin performing the GPR survey of the poor farm cemetery and a number of us stopped by to see the survey in process. Since the data was collected Berni has been analyzing the data and preparing the Draft Report. Berni will join us once again to present the findings of the report. This constitutes the required second public presentation.

The Draft Report is attached.

File Attachments

[Walla-Walla-County-Poor-Farm-Cemetery-GPR-draft.pdf \(1.896 KB\)](#)

5. Reports

Subject :	5.01 75th Anniversary Book
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	5. Reports
Access :	Public
Type :	

6. Closing Items

Subject :	6.01 Meeting Schedule
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	6. Closing Items
Access :	Public
Type :	

Public Content

The next meeting is scheduled for August 19, 2021.

Subject :	6.02 Adjourn
Meeting :	Jul 15, 2021 - Historic Preservation Commission Electronic Meeting Agenda
Category :	6. Closing Items
Access :	Public
Type :	Procedural

Historic Preservation Commission Electronic Meeting Agenda (Thursday, June 17, 2021)

Generated by Kristi Scherger on Wednesday, June 17, 2021

1. Opening Items

1.01 Call to order

1.02 Roll Call

Chair, Commissioner Gottschall called the meeting to order at 4:11 PM.

Present

Commissioners

Gary Petersen - Chair
Terrell Gottschall - Vice Chair
Stanley Green
Mike Denny
Ed Kontz

Staff

Jon Rickard, Community Development Director
Kristi Scherger, Community Development
Administrative Assistant
Lisa Neissl, City Clerk

2. Consent Agenda

Action (Consent): 2.01 Approve Agenda for June 17, 2021

Action (Consent), Minutes: 2.02 Approve Minutes from May 20, 2021

Action (Consent): 2.03 Approve Consent Agenda - Our adopted rules of Parliamentary Procedure, The Standard Code of Parliamentary Procedure, provide for a consent agenda listing several items for approval of the Commission by a single motion. Most of the items listed under the consent agenda have gone through previous review either, at a workshop, or by subcommittee review and recommendation. Documentation concerning these items has been provided to all Commission members and the public in advance to assure an extensive and thorough review. Items may be removed from the consent agenda at the request of any Commission member.

Commissioner Denny made a motion to approve the consent agenda. Second by Commissioner Kontz and the motion passed 5-0.

3. Public Comment

3.01 Public Comment Procedure for Virtual Meetings - Commission meetings are primarily structured to permit Members to arrive at the decisions necessary to advise the Commission.

None.

4. Regular Agenda

4.01 75th Anniversary Book

Commissioner Denny shared the update of the Book. The Publisher will be sending a Draft of the Book for review.

5. Reports

5.01 DAHP Grant Application

Mr. Rickard gave an update of the GPR progress and once the data is analyzed, a draft report will be available.

5.02 Certified Local Government Grant.

Mr. Rickard briefly mentioned that there is interest in a signage project and walking tour.

6. Meeting Information

6.01 The next meeting is scheduled for July 15, 2021

7. Closing Items

7.01 Adjourn

Commissioner Green made a motion to adjourn the meeting at 4:31PM. Second by Commissioner Kontz and the motion passed 5-0.

Approved:

Chairman / Vice Chairman

Date

Attest:

Jon Rickard – CD Director

Date

The foregoing minutes are the official record of the Historic Preservation Commission meeting that occurred on June 17, 2021. Audio and/or Video recordings are available upon request.

DRAFT

Ground Penetrating Radar (GPR) Survey of Walla Walla County Poor Farm Cemetery site, City of College Place, WA

Bernard A Housen, Olivia L Housen

Geology Dept, Western Washington University

Summary

A Ground Penetrating Radar (GPR) survey of the site of the Walla Walla County Poor Farm Cemetery was conducted, to determine possible locations of gravesite on the property. The grave markers and other elements of the cemetery site were removed and the ground levelled, so little in-situ evidence for the locations of gravesites currently exists. For the survey, the site was divided into three areas, and GPR lines were spaced every 2 feet to completely cover the area. Line locations were established with both measuring tapes and GPS. A total of 124 GPR lines were collected. From these data, a large number (>3000) of subsurface targets, corresponding to discontinuous objects in the ground, were identified. Many of these targets are at depths, and have spatial characteristics, that are consistent with burials. Other targets, typically with higher contrast reflections, are attributed to possible pipes, and/or to small cylindrical grave plot markers known to be present. The large number of GPR targets confirms a large number of burials at the site. Identification of individual gravesites was difficult, due to the low reflectivity of the targets. This is consistent with the majority of the burials being smaller (infants), and the age of the burials at the site. Using new survey data, air imagery, and the GPR data, a preliminary overlay of the original cemetery plat map is presented.

Introduction and Methods

For the GPR survey, a GSSI SIR-4000 GPR unit, with a 350 MHz antenna mounted to a wheeled cart, with a GPS unit, were used. A map of the site, with the outline of the property survey conducted for the City of College Place (2021), as well as an estimated location of the cemetery site provided by previous plats, maps, and surveys. To provide a robust link between the GPR survey and the 2021 Property Survey, the SE corner marker of the 2021 survey was used as the reference datum (see survey location map). The largest portion of the site, the elevated, open field, was designated as Area A. Two other locations were also surveyed. Area B is the portion of Sandpiper Lane immediately to the West of Area A (see survey location map). Area C is located immediately to the South of Area A, and corresponds to all or part of a former railway right-of-way (see survey location map).



Figure 1: Cemetery Site, with 2021 Survey boundary, and interpreted historic site boundary

For each area, a grid of GPR lines was established using measuring tapes, with the origin (0 N and 0 W) defined by the SE corner marker of the survey (see GPR area map).



Figure 2: GPR survey Areas

In areas A and B, the GPR lines were run ~ N-S. In Area C, the GPR lines were run ~E-W. The spacing between lines was 2 feet. The direction of travel for each GPR line was noted and a line number assigned.

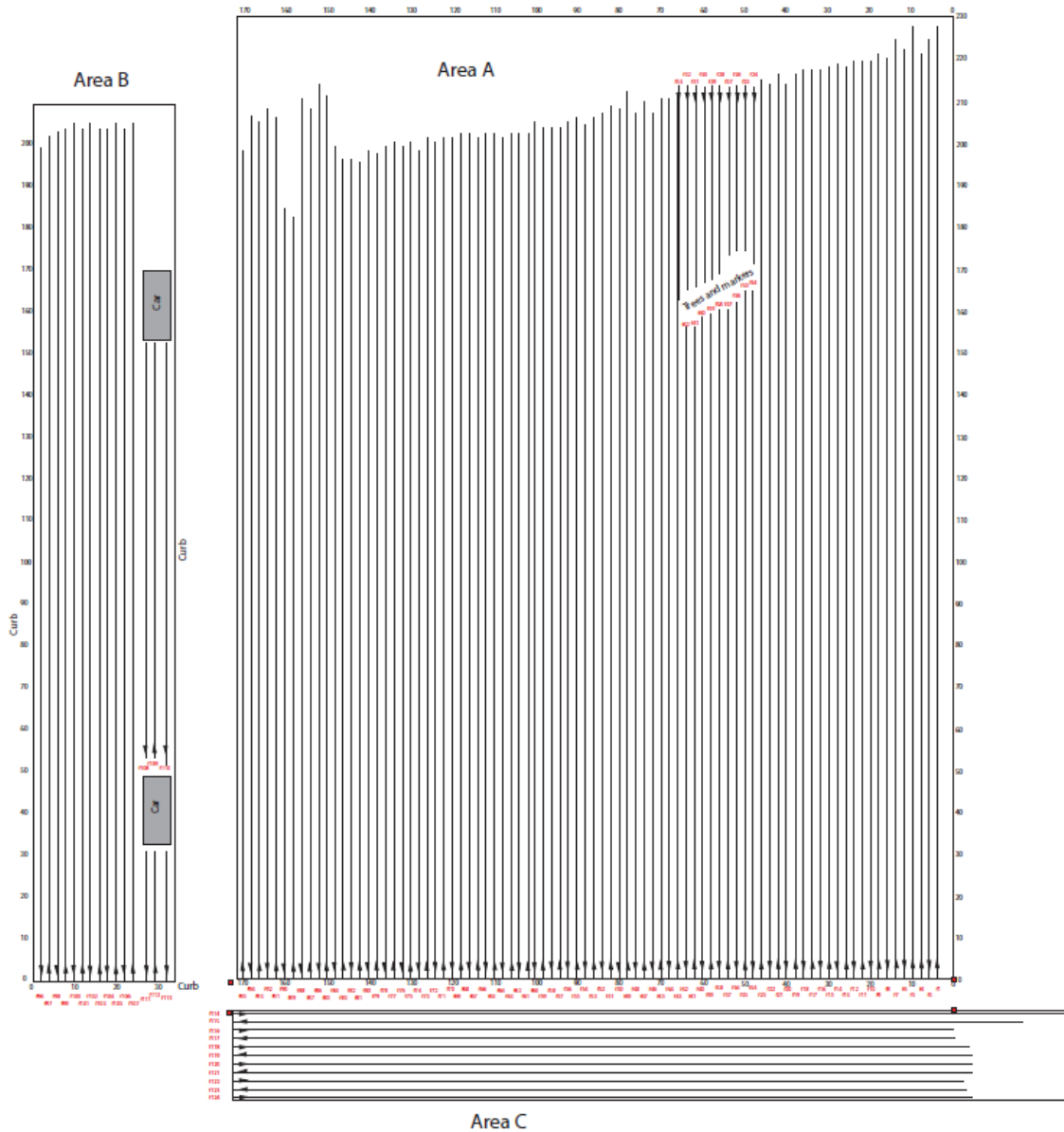


Figure 3. Map depicting GPR survey lines for Areas A-C. A larger version of this figure will be available in the appendix

An appendix listing each line number, its length, and location on an index map will be provided. For the first 12 GPR lines, the GPS data logger did not sync with the GPR unit, so those locations have been manually determined using the measured coordinates. For all of the other GPR data (Lines 13-124), GPS data was also recorded, providing this additional spatial information. The data collection was routine, and the data collected was of good quality.

The GPR data were processed and analyzed using standard methods with the GSSI RADAN-7 software package. Data filtering to remove background and high-frequency noise was applied. For each GPR line, a set of radar scatterers, hyperbola-shaped reflections, was noted. The location (depth and spatial position) of each target was picked, and these coordinates are saved and tabulated (see data appendix). Each GPR line was also used to produce a Google Earth KMZ file, and an image of the radargram for each GPR line was saved (as a .jpg file). The locations of the GPR targets were then plotted on site maps, and in GIS maps with an air photo overlay.

Results

A representative GPR radargram (line 21, Area A) is provided as an example. The uninterpreted data (Figure 4a) and the interpreted data (Figure 4b) are shown.

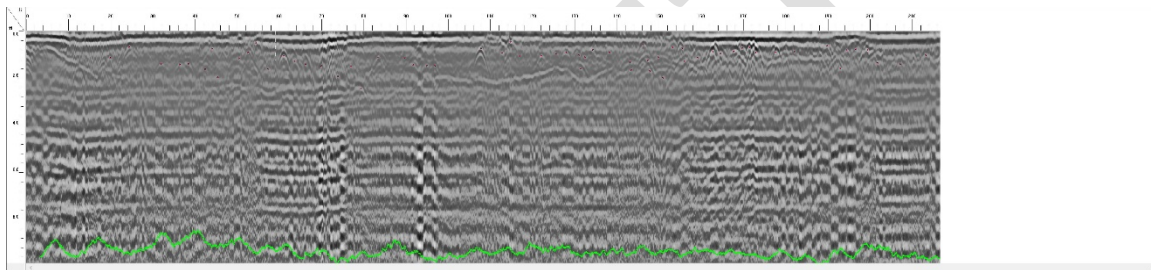


Figure 4a. Radargram for GPR line 24. Distance (ft) is provided at the top of the figure (S on left, N on right), with approximate depth below surface (ft) also provided. This depth is provisional. The greyscale provides a measure of the radar reflection amplitude (darker black/white are higher-amplitude reflections). Green line indicates estimated depth at which signal is too attenuated to provide useful information.

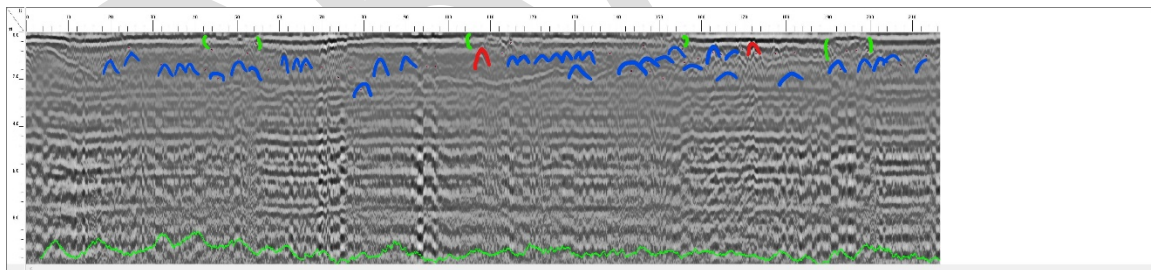


Figure 4b. Interpreted Radargram for GPR line 24. Blue lines note hyperbola-shaped reflections that are picked as GPR targets that are likely associated with burials. Red lines mark high-amplitude GPR reflectors- these can be either subsurface utilities (water pipes), or else cylindrical grave plot markers. The green lines at surface note areas of ground subsidence or disturbance.

The majority of the radar targets were found between 1 and 4 ft depth, with some targets being near the surface. In addition, areas of ground disturbance or subsidence were also noted. This analysis was applied to all 124 GPR lines, with over 3000 GPR targets identified. The locations of these GPR targets are tabulated (see data appendix).

Using the spatial coordinates of the GPR targets, their locations on the GPR lines were mapped (Figure 5). Few targets were found in either Area B or Area C.

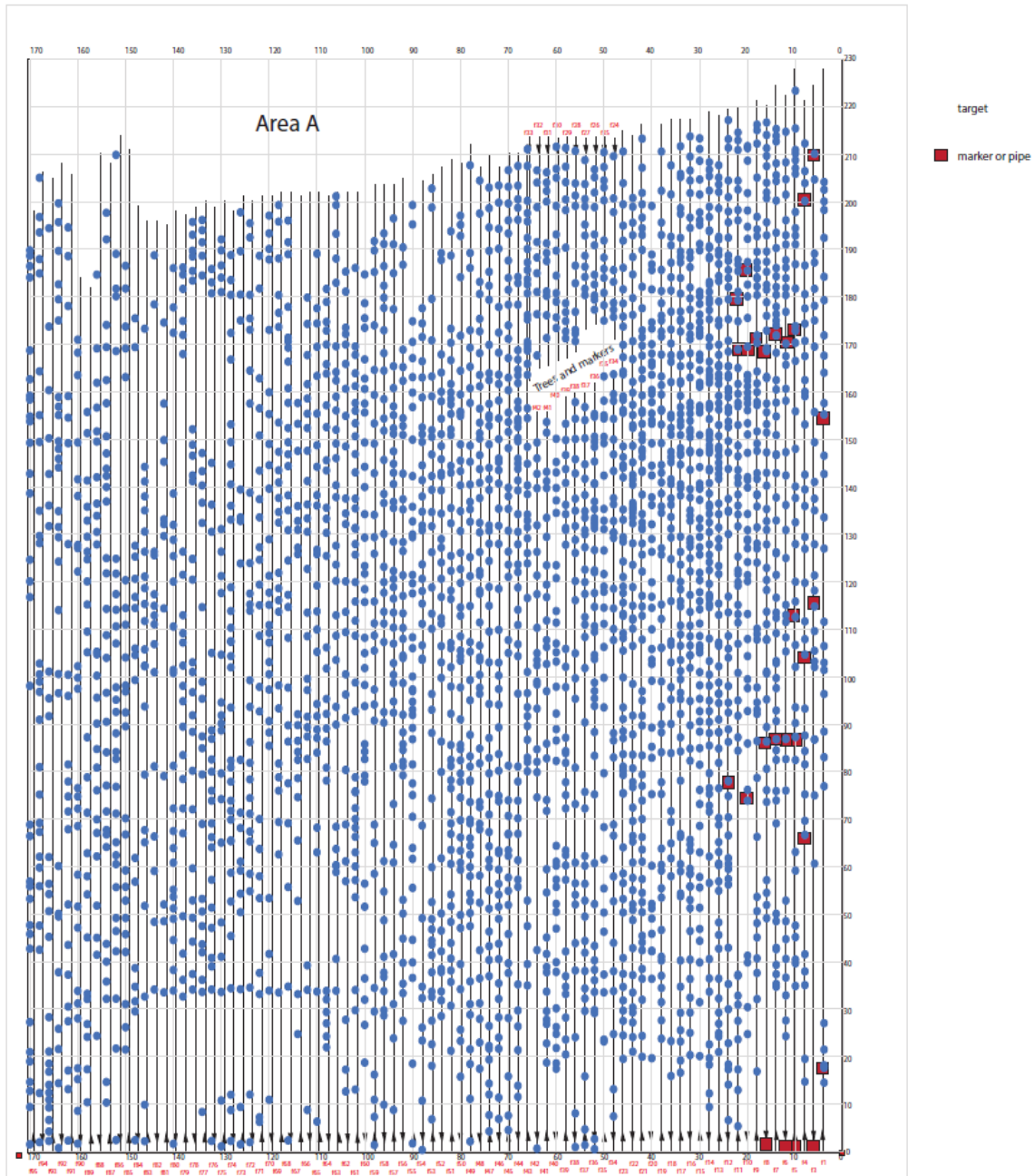


Figure 5. GPR lines and GPR targets for Area A. Higher-amplitude targets are plotted in red. Targets that may be associated with burials are marked in blue.

From examination of the GPR target map, it is clear that there is abundant evidence of the past burials at this site. It is somewhat less clear whether sets of targets can be used to identify unique burials or burial plots. The same GPR targets were plotted on the GIS-based photo map of the site (Figure 6).



Figure 6. GPR targets plotted on air photo map in GIS database. Darker blue targets on East side were interpolated without GPS data. All other targets located using GPS coordinates from the collected GPR data.

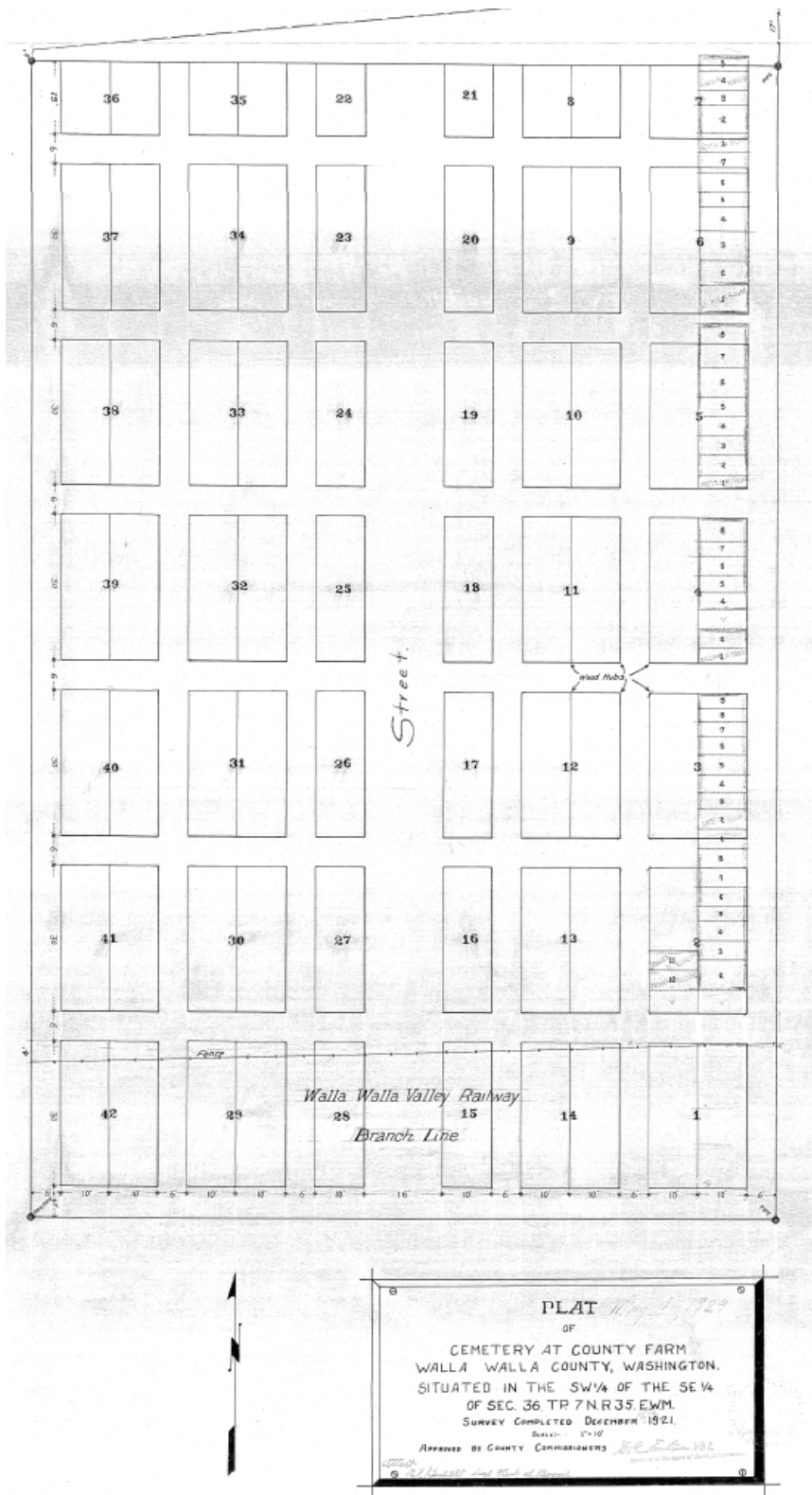


Figure 7. Plat map of Walla Walla County Poor Farm Cemetery

The distribution of the GPR targets was used to attempt to constrain the location of the original 1920s plat map of the Cemetery Site (Figure 7). The dimensions of the cemetery plots, and distances between plots, were drafted onto the GPR survey line map (Figure 8).

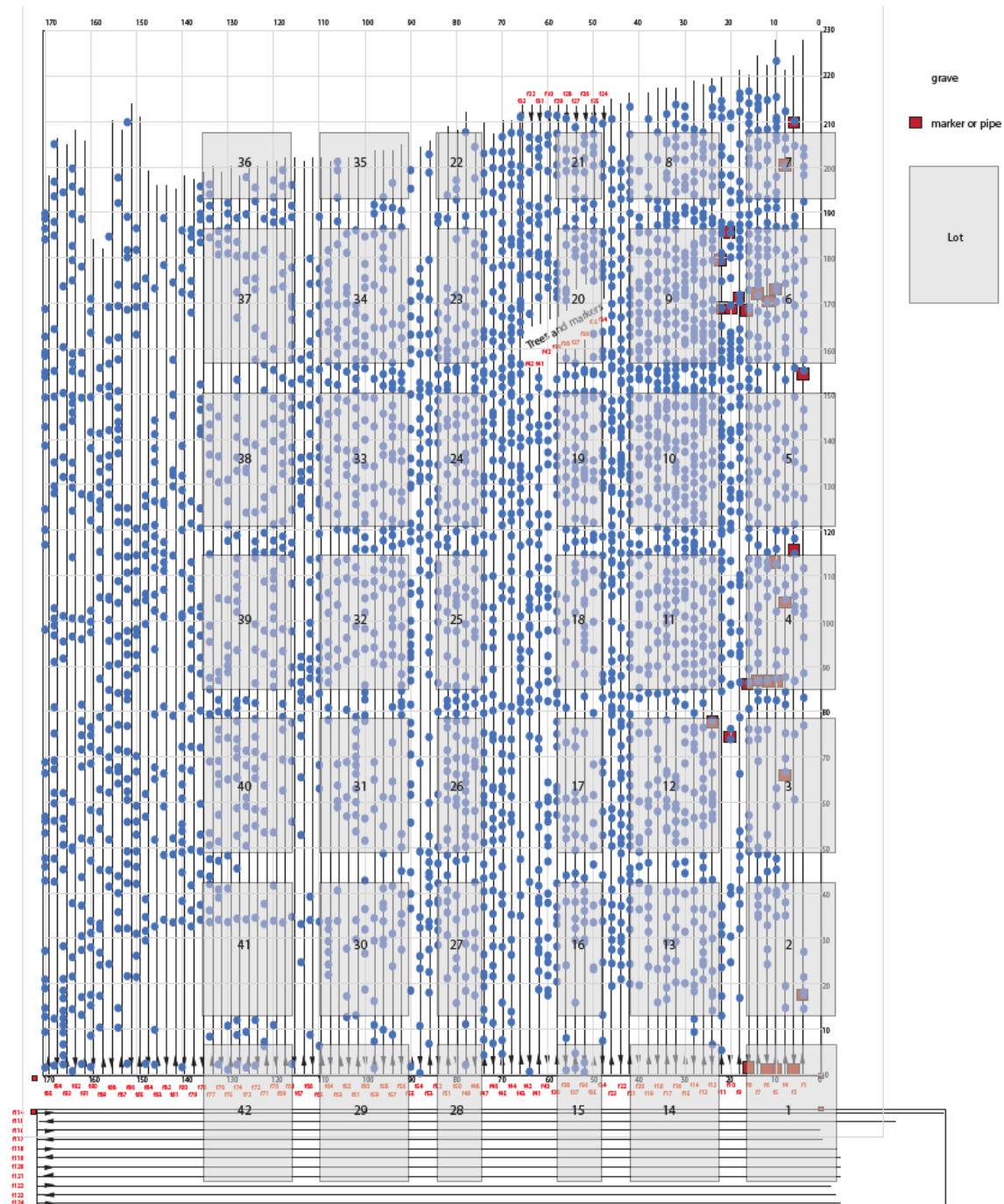


Figure 8. Overlay of drafted plat map, based on dimensions given in Figure 7.

Attempts to use the GPR targets to help constrain the overall location of the Poor Farm Cemetery plots from the Plat map are non-unique. The largest uncertainty is in the location of

the railway right-of-way indicated on the Plat map (Figure 7), and the relationship between the more modern locations of the SE corner of the cemetery plat and this Plat map. The chosen location is favored as the density of GPR targets is somewhat less in the areas between cemetery plots, as well as the general footprint of the older Plat map, the current site, and the locations of probable burial-related GPR targets.

Conclusions and Recommendations

The GPR survey of the Walla Walla County Poor Farm Cemetery site provided high-quality GPR data, which indicates a great number of subsurface radar reflections that are consistent with burials known to have been associated with this site. GPR targets confirm multiple depths of burial, likely from multiple interments within single cemetery burial locations. Many of the GPR targets were small, or difficult to discern. This is also consistent with the large number of infant burials at the location, and of the age and condition of the remains.

An improvement in the location of the cemetery plots from the Plat Map can be accomplished by a more detailed examination of the GPR data for ground subsidence features, and mapping these locations with observations of surface subsidence that is apparent from existing air photos. This will be attempted for the final version of this report. Additional improvement, which may allow for individual burials to be recognized, would be to tabulate and map burial locations for specific cemetery plots that can be obtained from burial records. A set of these records (appearing to date from the 1920s-1930s) was reviewed- knowing the number of infant versus adult burials may help refine GPR target interpretation. Finally, older air photos of the site that include the cemetery and the railroad (or the cemetery and adjacent highways or roads) may also aid a more precise location of the cemetery plots.

There was no significant indication of burials in Area B, underneath Sandpiper Lane. There were very few indications from Area C.