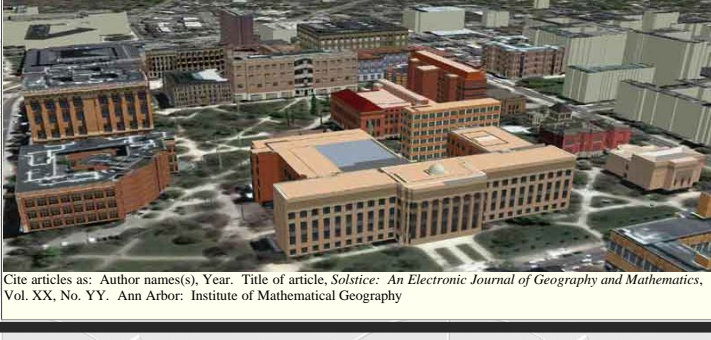


**SOLSTICE:**  
An Electronic Journal of  
Geography and Mathematics

COMPLETING ITS 25TH YEAR OF PUBLICATION

Founded in 1990.

Persistent URL:  
<http://deepblue.lib.umich.edu/handle/2027.42/58219>



Cite articles as: Author (name(s)), Year. Title of article. *Solstice: An Electronic Journal of Geography and Mathematics*, Vol. XX, No. YY, Ann Arbor: Institute of Mathematical Geography



Deep Blue



IMaGe Home

Institute of Mathematical Geography. All rights reserved in all formats.  
Works best with a high speed internet connection.  
Final version of IMaGe logo created by Allen K. Philbrick from original artwork from the Founder.



Solstice Home

**VOLUME XXV, NUMBER 2;  
December, 2014**

**Beth Olem Animations: Foreshadowing the Perimeter Project?**  
Sandra L. Arlinghaus

The author wishes to thank, for their ongoing inspiration in association with the Chene Street History Project at the Institute for Research on Labor, Employment, and the Economy, The University of Michigan: Marian Krzyzowski, Karen Majewski, and Ann E. Larimore.

[Link to associated .kmz file to open in Google Earth.](#) The last image shows the final result based on 1463 entries in Find-A-Grave.

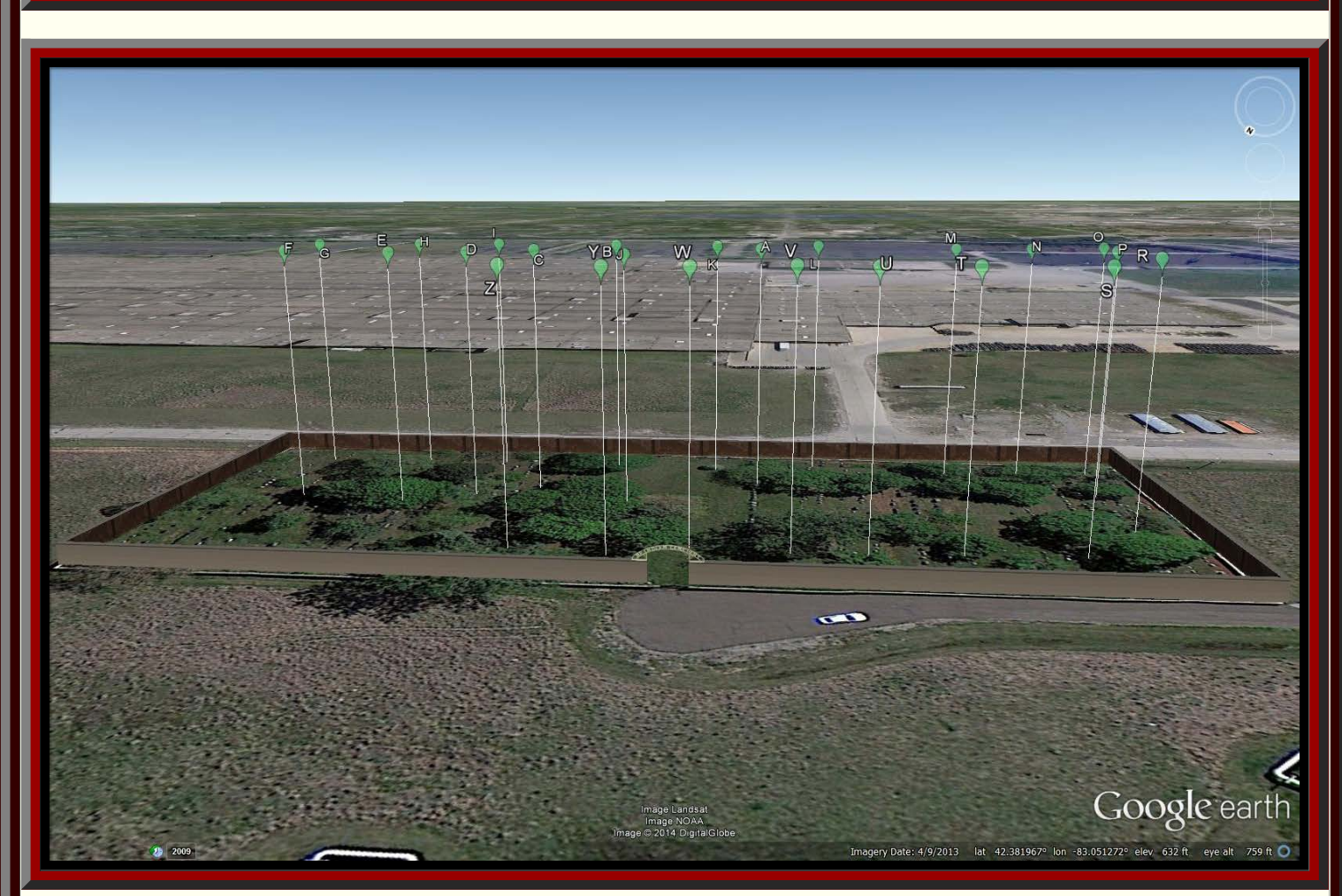
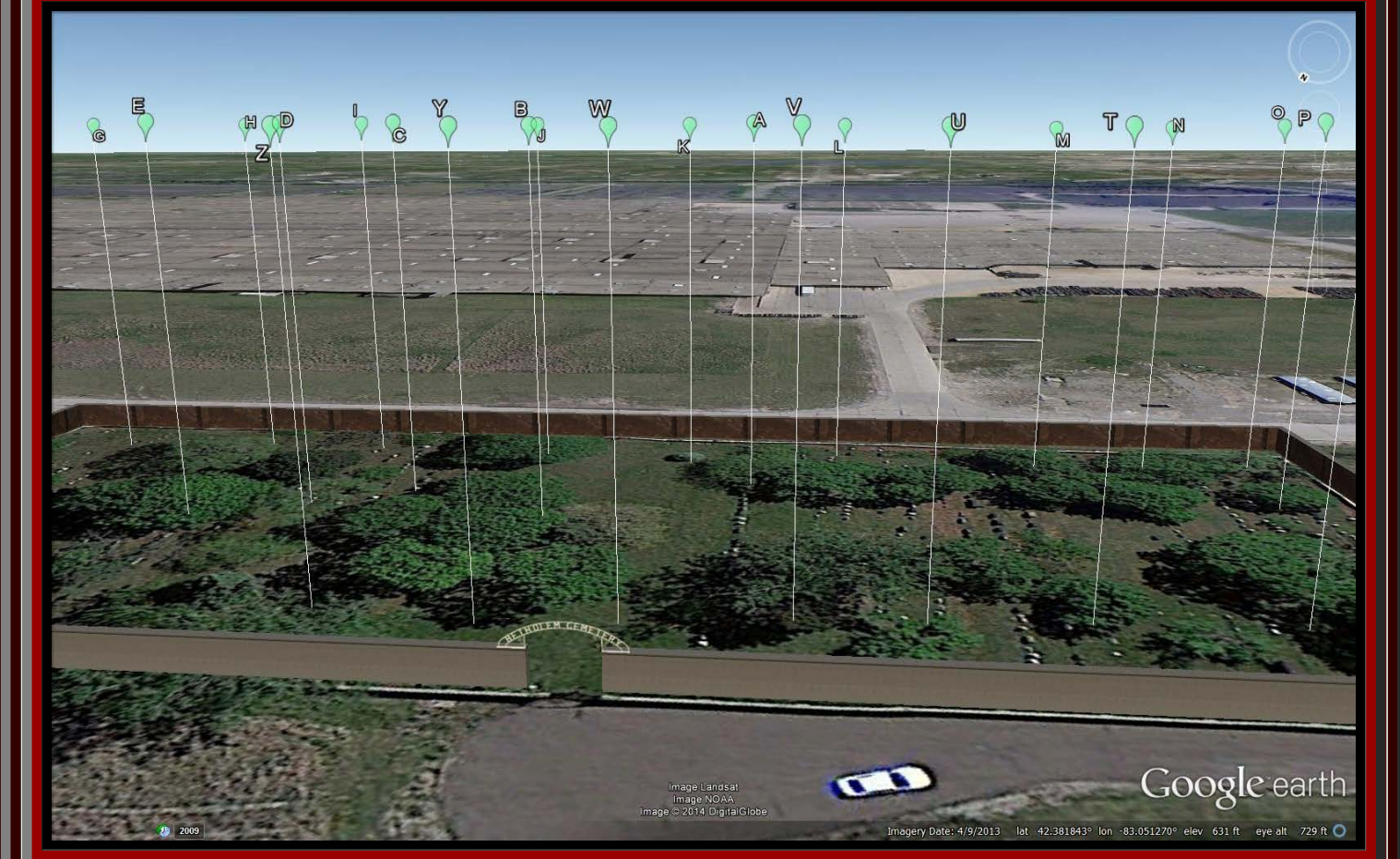
**GENERAL CONTEXT**

The set of three static images below, captured from Google Earth, show the site of Beth Olem cemetery within the Cadillac Plant, in Hamtramck Michigan, near downtown Detroit. Balloons, Google Earth placemarks, placed virtually in the cemetery are 30 meters high. Plant buildings and roads surround the cemetery. This set of scenes suggests the power of cemetery zoning and associated acquisition issues in protecting lands. In that regard, it may serve as a useful display with municipal authorities in illustrating the need to employ cemetery zoning to protect other fragile lands, engaging in multiple land use planning tactics. Such a strategy has been the focus of the ongoing Perimeter Project (see references at the end of this article) and this particular study may bolster some of the arguments already employed.



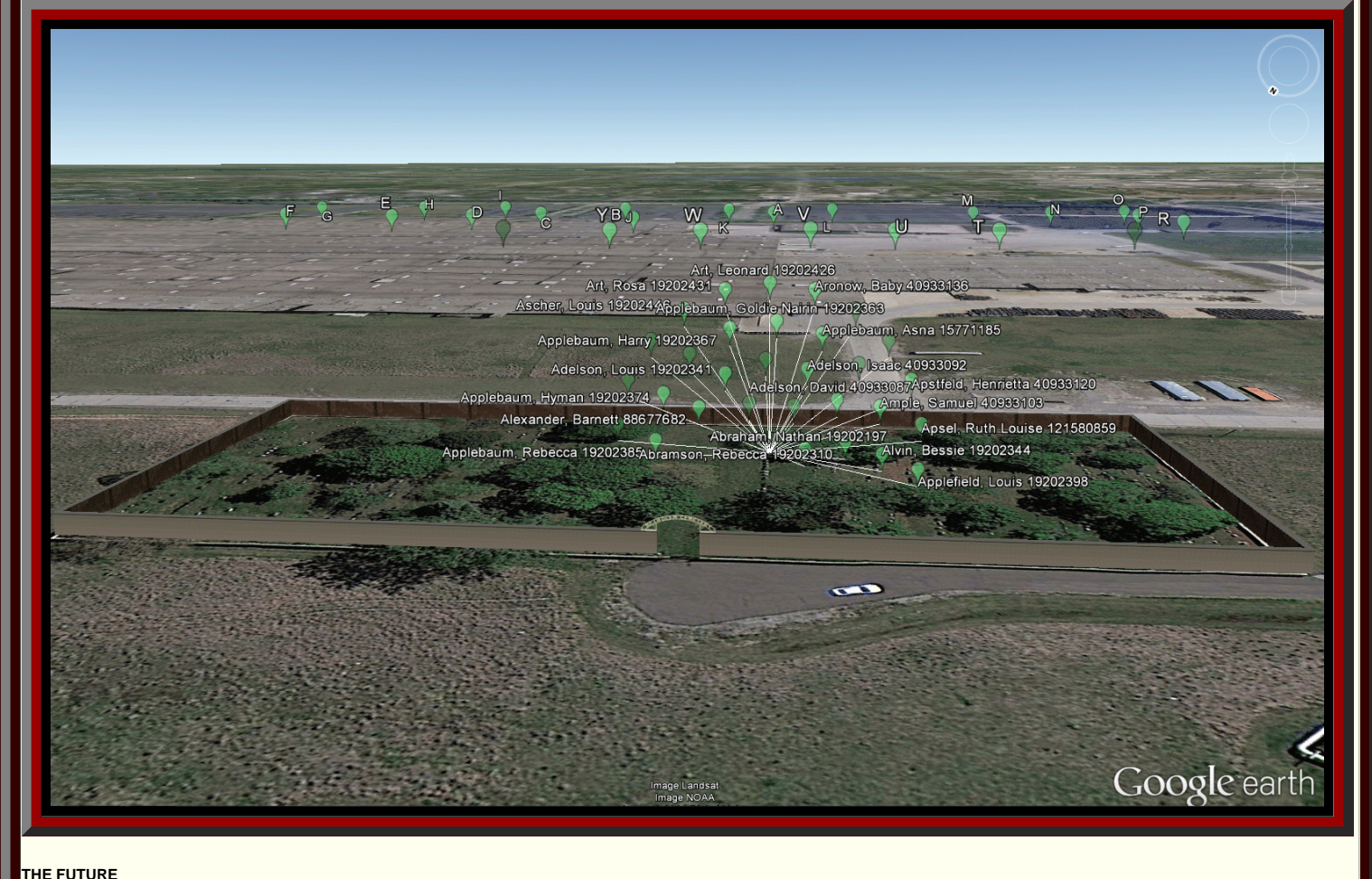
**THE SITE**

The first image below shows a close-up of the scatter of alphabet balloons within the cemetery. These are placed for organizational purposes only. They serve to group the 1643 entries associated with this cemetery in Find-A-Grave. The utility of this particular site was noted by Duane Marble and supported some draft work of the author, encouraging her to proceed in this direction, at least as a partial step toward the further extensive acquisition of direct data. Clicking on these balloons in the static image will reveal no further information. The Google Earth switch for 3D buildings and trees has been disabled so as not to mask the detail of the cemetery. Only the 3D structure of the walls, modelled by the author in Sketchup, appears in this image and in the related animation.



**ANIMATION OF THE DATABASE WITHIN THE SITE**

The animation below is made from the associated Google Earth kml/kmz file linked at the top of this article. Clicking on the animation itself will reveal nothing further. Clicking on individual balloons in Google Earth in the linked file will reveal whatever is available online in the Find-A-Grave site. As the accumulated information in the database grows, so too will the animation.



**THE FUTURE**

- It remains to acquire geographic coordinates, using the GPS capability of smart phones, for each grave site and perform a similar analysis and graphic display.
- In the case of Louis Lavine, there is an extra balloon with a GEOMAT timeline embedded in it to suggest that there will be a link from there to a GEOMAT (see associated reference) about his life. Then, similar archival structures will follow as data becomes available to use, either in a public or passworded format.
- Employ strategies from this project elsewhere in existing projects:
  - Chene Street History Project
  - The Perimeter Project

**REFERENCES**

**Chene Street History Project:** <http://irlee.umich.edu/?page=chene-street>

**Find-A-Grave Beth Olem** site: <http://www.findagrave.com/cgi-bin/fg.cgi?page=cr&CRid=112>

**GEOMAT:** <http://www.geomats.org/>

Marble, Duane: correspondence noting the materials in Find-A-Grave

**Solstice: An Electronic Journal of Geography and Mathematics:** <http://www.imagenet.org>

- December, 2013. Sandra Lach Arlinghaus. Klein 4 Group. Beth Olem Cemetery Application
- The Perimeter Project. Sandra L. Arlinghaus and William E. Arlinghaus
  - December, 2011. The Perimeter Project. Part 6 Connections. Scholarly Multi-tasking in a Mobile Virtual World. Part 3.
  - June, 2011. The Perimeter Project, Part 5 Connections. Scholarly Multi-tasking in a Mobile Virtual World. Part 2.
  - December, 2010. The Perimeter Project. Part 4. Connections. Scholarly Multi-tasking in a Mobile Virtual World. Associated .kmz file
  - June, 2010. The Perimeter Project. Part 3. Fragile Lands Protection Using Cemetery Zoning. Associated .kmz file
- December 2009. The Perimeter Project. Part 2. Fragile Lands Protection Using Cemetery Zoning. Associated .kmz file
- June, 2009. The Perimeter Project. Fragile Lands Protection Using Cemetery Zoning

