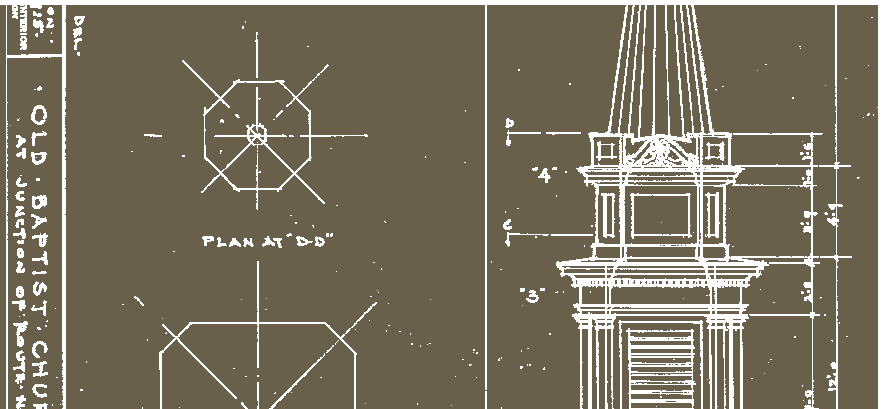


# Practical Geometry

Presentation and Workshop  
Hale Farm & Village  
Friday, June 22 1 pm—4 pm  
\$36



## Practical Geometry: From Vitruvius and Palladio to the Streetsboro Baptist Church (The Meetinghouse at Hale Farm & Village)

Hear the story of **Practical Geometry**, from Vitruvius and Palladio to the Streetsboro Baptist Church (the Meetinghouse at Hale Farm & Village).

*Practical Geometry is the use of geometry as a construction tool for design and construction: the arch of a Roman aqueduct or the cantilever of a suspension bridge, the vaulted ceiling and the rose window of a cathedral, the timber frame of a barn, the placement and size of architectural elements. It was used to build the pyramids, noted in the Bible. It is ancient, now mostly forgotten due to the Industrial Revolution.*

**Workshop participants will learn and apply principles of Practical Geometry** to evaluate structures at Hale Farm & Village. Using simple tools, the workshop will be hands-on, drawing and applying the geometry, using the Hale Farm & Village buildings as examples. This workshop is open to those with a background in architecture, as well as anyone interested learning more, including novices and older youth.

**Jane Radocchia is an architect and architectural historian** who works with old houses, their framing and design. A graduate of MIT, she has received numerous historic preservation awards for her designs and her writing. Ms. Radocchia has shared her research in the use of geometry and regulating lines in early design, including the pattern books of Asher Benjamin, at lectures and conferences since 2014. Ms. Radocchia now lives in Bennington, Vermont.

To register or for more information:  
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Call 330-666-3711 ext. 1720  
[halefarm.org](http://halefarm.org)

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1958-2018