

Presentation #1: Passive House Principles, Guidelines, Design Options; What Makes a Passive House a Passive House

Jane's presentation will deal with passive house principles in general including the relative importance of the different parameters and the challenges to reach them. She will discuss the critical factors designers and builders need to focus on to achieve success. The presentation will include examples of different methods she has used to get good results.

Jane will also discuss what critical factors were in play to ensure that the rammed earth technology was properly implemented and how it tied into the achievement of Passive House requirements in the Boyd house.

Speaker: Jane Wilson, E. Jane Wilson, Architect

Before studying architecture, Jane worked for 20 years in Europe as an Information Technology professional. She launched her practice in Bucks County, Pennsylvania in 2011. She has worked on a wide range of projects including apartment complexes, educational institutions, offices and farm buildings, Jane's practice focuses on the sustainable design of family homes, both renovations and new dwellings. In 2015 she moved to Manotick. She designed, and built, an environmentally conscious home that exceeds Passive House standards and integrates with the natural landscape.

Jane merges sustainable, contemporary design with knowledge of historical contexts and detailing. The use of natural light and integration with the local context and environment are important elements in all her work. Jane has been an adjunct faculty member in Temple University's architecture program and is an active volunteer in the community..

