



The Passive House Institute US Awards

The Designation of

PHIUS+2018 CERTIFIED PROJECT

No. 1681

Timberhill

10251 Timberhill Road
Manchester, Michigan 48158

John and Gabriela Kusano

PROJECT OWNER

June 21, 2022

DATE

Michael Klement | Susan Hall

CPHC®

Architectural Resource

ARCHITECT

Adaptive Building Solutions

CONSTRUCTION

Chris McTaggart

ON-SITE VERIFICATION

• INTERIOR CONDITIONED FLOOR AREA	2,620	ft ²
• ANNUAL HEATING DEMAND	6.66	kBTU/ft ² yr
• ANNUAL COOLING DEMAND	2.76	kBTU/ft ² yr
• PEAK HEATING LOAD	4.84	BTU/ft ² hr
• PEAK COOLING LOAD	1.51	BTU/ft ² hr
• AIR-TIGHTNESS TEST RESULTS	0.04	CFM50/ft ²
• SOURCE ENERGY	8,065 3,353 (PV)	kWh/person.yr
• SITE ENERGY USE INDEX (EUI)	21.2	kBTU/ft ² yr


Executive Director