

## **Section I - Technical Capacity**

Acorn Engineering, Inc. has successfully permitted and engineered over 15 level II/III projects in Portland in the past 5 years, many of which have been constructed. Some examples include:

- Eldredge Lumber Expansion
- 127 York Street – Harborview Townhomes
- Munjoy Heights
- 89 Anderson St. – East Bayside Lofts
- 667 Congress St – The Hiawatha
- 121 Washington Ave Redevelopment
- 31 Fore Street Condominiums

Additionally, the rest of the team is outlined below.



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Asher Woodworth (Owner/Operator) - Asher Woodworth is an artist and social entrepreneur based in Maine. Mr. Woodworth is Co-Founder and Board of Directors member for Theory Wellness Inc, a vertically integrated Massachusetts cannabis company with two active locations - Bridgewater and Great Barrington, MA. Theory Wellness operates with approx. 50 employees, and over \$12M in sales annually. He has worked as a non-profit business development consultant in Maine's agriculture and energy sectors for the past 5 years. Among the projects and businesses that he has been significantly involved with are: The Maine Rice Project, Sunrise County Economic Development Council, Tide Mill Farm, Thermal Efficiency: Eastport, The Affordable Heat Consortium.

Mr. Woodworth has a background as a professional dancer and has performed and taught nationally and internationally with such notable artists as Dean Moss, Deborah Hay, Hana van Der Kolk, Min Tanaka, Tatsuya Nakatani and Jake Meginsky. Prior to coming to Maine, Mr. Woodworth was a teacher and full-time faculty member at Buxton School, a co-ed boarding and day high school in Williamstown, Massachusetts.

Kiel Moe (Architect) - Kiel Moe is a practicing architect and Associate Professor of Architecture & Energy in the Department of Architecture at Harvard University Graduate School of Design. He is also Director of the Energy, Environments, and Design research unit at the GSD. Mr. Moe is a three-time McDowell Colony Fellow, and a recipient of The Rome Prize in Architecture. Additionally he received the 2013 Boston Design Biennial Award, the 2011 Architecture League of New York Prize, the 2011 AIA National

Young Architect Award, and numerous design awards for individual projects from the AIA, North American Wood Design Awards, and Boston Society of Architects, among others.

He has published 8 books (with one more in press, and another in preparation), amongst them: Thermally Active Surfaces in Architecture (Princeton Architectural Press, 2010), Insulating Modernism. Isolated and Non-Isolated Thermodynamics in Architecture (Birkhäuser, 2014), and Empire, State & Building (Actar, 2017). Mr. Moe was awarded the Fulbright Distinguished Chair in Architecture at Aalto University, Helsinki, Finland in 2016-17, selected for both his research and creative practice related to the thermodynamics and ecology of timber architecture. While in Finland, Moe completed work on his latest book Wood Urbanism: From the Molecular to the Territorial (Actar 2018)

Jacob Mans, David Kennedy, Decentralized Design Lab (Architect Assistant) - Jacob Mans is an architect and an Assistant Professor of Building Technology and Construction at the University of Minnesota and a Co-Founder of Decentralized Design Lab, a group of designers and thinkers focused on finding simple solutions to complex problems at the intersection of social, economic, and environmental forces. David Kennedy is a registered architect in Oregon and Washington, a LEED(™) Accredited Professional, and A Co-Founder of Decentralized design Lab.

Tuomas Toivonen (Advisor) - Tuomas Toivonen is a Helsinki-based architect and sauna business owner. Mr. Toivonen and his wife Nene Tsuboi created an ecologically-designed sauna called Kulttuurisauna in 2013. Mr. Toivonen and Ms. Tsuboi are the Owner/Operators of that establishment. Mr. Toivonen also teaches classes in architecture and urbanism regularly through Aalto University, and the Estonian Academy of Art.

Jessica Kelso (Advisor) - Jessica Kelso is Owner of Loyly, a successful public sauna business with two locations in Portland, Oregon. Ms. Kelso has provided crucial business insights regarding launching and operating a business similar to her own.

Emily Bruce (Advisor) - Emily Bruce is a marketing professional, currently working at LLBean as a Director within Marketing. She has provided a market feasibility study and other research for this project, as well as operating business strategy and planning guidance.