

## April K. Magill, AIA, NCARB

### Professional Experience

#### Root Down Designs, LLC – Principal Architect, Owner (2011 – current)

[www.RootDownDesigns.com](http://www.RootDownDesigns.com) / [April@RootDownDesigns.com](mailto:April@RootDownDesigns.com)

Root Down Designs (RDD) is a woman-owned, full-service architectural & consulting firm specializing in high performance & healthy building solutions. We excel in working with project-specific budgets and the efficient execution of projects. We provide Affordable Housing & Ready-to-Build Stock Plan solutions for ‘Healthy Homes.’

Services Include: Programming/Feasibility Studies, Schematic Design, Design Development, Construction Documents, Bidding/Negotiations, & Construction Administration, & Interior Design. Project Types Include: Residential (new & renovation), Multi-Family, Commercial, Eco-Resorts, & Sustainable Alternative-Building Methods

#### Root Down Building Collective, 501c3 – Executive Director / Founder (2023 – current)

[www.RootDownBuildingCollective.org](http://www.RootDownBuildingCollective.org) / [Info@RootDownBuildingCollective.org](mailto:Info@RootDownBuildingCollective.org)

Root Down Building Collective (RDBC) is a collective of regional professionals and stakeholders, collaboratively developing multiple strategies to advance climate-smart, regional, and equitable building solutions. Strategies will help to address the development of new climate-smart building materials and methods, the advancement of equitable housing strategies, workforce development in newly emerging construction industries, diversification of skilled labor in the construction trades, economic development in underserved regions of the south, regenerative agricultural integration with building technology, digital technology integration with building technology, and more.

#### Root Down House Plan Co. – Founder (2021 – current)

<https://www.rootdownhouseplan.com/> [RDHousePlanCo@gmail.com](mailto:RDHousePlanCo@gmail.com)

Root Down House Plan Co. (RDHP) is a for-profit company whose mission is to help streamline the design and construction process for efficient and affordable housing initiatives. Our collection of unique house plans has been carefully selected from our stock of previously custom, Architect-designed house plans by [Root Down Designs](#). Our focus is on creating highly-efficient designs with a variety of options to meet set budgets.

#### US Hemp Building Association (USHBA) - Regional Co-Leader for the Southeastern Region

(April 2024 - current)

Representing the USHBA and providing resources and consulting for individuals and entities wishing to build with hemp-based building materials in the southeastern regions of the US.



### **Education Branch (2011 – current)**

Education about sustainable and alternative building methods through community-building workshops. Projects Include: Romney St. Urban Garden, Grow Food Carolina Rammed Earth Bus Stop, Fresh Future Farm, Women’s Carpentry 101, Hempcrete 101, Natural Plasters & Paints

### **The American College of the Building Arts – Adjunct Professor (2016 – current)**

[www.ACBA.edu](http://www.ACBA.edu) / [Magilla@acba.edu](mailto:Magilla@acba.edu)

Professor of Sustainable Architecture and Materials

### **Community First Land Trust - Board of Directors Member (January 2020 - current)**

North Charleston, SC

To provide assistance and insight into architectural-related content, affordable housing issues, sustainable/healthy housing, and woman-centered workforce training opportunities for gentrified, low-income areas of North Charleston.

### **Public Speaking Engagements /Op-Ed Writings (only the most recent listed):**

- City of Charleston Department of Housing - July 2019
- NAWIC presenter - Jan 2019
- ACE Mentorship Keynote Speaker - May 2018
- College of Charleston, Green Building Council – April 2017
- Post & Courier Op-Ed - Affordable Housing - June 2019

[https://www.postandcourier.com/opinion/commentary/opinion-allow-tinier-homes-in-entire-charleston-area-to-help/article\\_970e7aaa-991f-11e9-944b-17899ca99769.html](https://www.postandcourier.com/opinion/commentary/opinion-allow-tinier-homes-in-entire-charleston-area-to-help/article_970e7aaa-991f-11e9-944b-17899ca99769.html)

### **Previous Experience:**

- LS3P – Architect, Project Manager, Intern (2008-2011) - multi-family housing, federal government
- Beau Clowney Design – Intern Architect - High-End Custom Residential Design & Historical Renovations (2006-2008)
- Rosenblum Coe Architects – Intern Architect (2004 – 2006) - Commercial, Institutional, Civic

### **Education:**

VA Tech – BA of Architecture (5 year degree) (1998-2004) / Study Abroad Europe (2002)

For More Information, please visit: [www.RootDownDesigns.com](http://www.RootDownDesigns.com)

Follow Me on IG @ rootdowndesigns

Linked In: [April Magill](#)

