Kevin Hunt, PE

Principal MEP Engineer | KPH Consulting, LLC

Richmond, Virginia | (804) 517-3814 | kphconsulting@outlook.com

PROFESSIONAL PROFILE

Professional Engineer licensed in Virginia and North Carolina and founder of KPH Consulting, LLC, a Richmond-based mechanical, electrical and plumbing (MEP) practice. Provides architects, contractors and owners with direct principal-level support from early coordination through permit documents, plan-review responses and construction administration.

CORE CAPABILITIES

- Mechanical and HVAC design
- Load calculations and equipment selection
- Electrical power and lighting design
- Plumbing DWV, domestic water and riser diagrams
- Geothermal and water-source heat pumps
- Kitchen-hood and ventilation coordination
- Permit and code-compliance support
- Construction administration and review responses

PROFESSIONAL EXPERIENCE

Owner / Principal Engineer

2023 - Present

KPH Consulting, LLC | Richmond, Virginia

- Lead MEP engineering and plan production for commercial and public-sector building projects in Virginia and North Carolina.
- Design HVAC systems, including load calculations, equipment selections, ventilation and air-distribution systems, and sequence-of-operation requirements.
- Design electrical power distribution and lighting systems, including load calculations, panel schedules, one-line diagrams, lighting layouts and fixture schedules.
- Design plumbing drain, waste and vent (DWV) and domestic water systems, including piping plans, sizing calculations and water and sanitary/vent riser diagrams.
- Produce coordinated permit and construction documents for renovations, adaptive reuse, restaurants, schools, multifamily and amenity spaces, pools, and light-industrial facilities.
- Manage proposals, schedules and multidisciplinary coordination while remaining the direct client contact through plan review and construction-phase support.

Mechanical Engineer

January 2018 - December 2022

Simmons, Rockecharlie & Prince, Inc.

- Designed and documented complete MEP building systems for commercial and institutional projects, including mechanical/HVAC, plumbing, and electrical power and lighting design.
- Coordinated across architectural and engineering disciplines and contributed to multiple LEED projects for Dominion Energy, including certified and LEED Silver facilities.

Associate Engineer

December 2016 - December 2017

National Grid

Supported utility engineering, technical analysis and cross-functional project coordination.

Project Engineer

August 2015 - December 2016

Controls Southeast, Inc.

Delivered controls-focused engineering, documentation and project coordination.

EDUCATION & PROFESSIONAL LICENSURE

Education	B.S., Mechanical Engineering, Virginia Tech, 2015
Professional Engineer	Virginia No. 60352 | North Carolina No. 61040