

Chance Cole

498 South Hills Court, Westminster, MD 21158

Cell: 410-236-4043

Email: Chancetcole@yahoo.com

Objective

A plumbing project engineer and project manager with 20 years experience, looking for a position in a consulting engineering firm with high client values and strong service-oriented goals to the industry.

Professional Education

Associates of Applied Science Degree, Applied Sciences in Overall Design and Drafting

ITT Technical Institute

Graduated – 1997 (Salutatorian)

Previous Experience

- Independent/Freelance: 2018-2021
 - Plumbing Designer/Consultant for various clients
- WFT Engineering: 2016 – 2018
 - Project manager, Senior Plumbing Designer
- JVP Engineers: 2013 – 2016
 - Project manager, Senior Plumbing Designer
- Affiliated Engineers: 2005 – 2013
 - Project manager, Dept. Head, Senior Plumbing Designer
- Allen & Shariff Corporation: 2001-2005
 - Project manager, Dept. Head, Senior Plumbing Designer
- Gresham Smith and Partners: 1997-2001
 - Senior Plumbing Designer

Certifications/Affiliations

- ASPE-Certified in Plumbing Design (CPD)
- American Biological Safety Association (ABSA) member

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- National Fire Protection Association (NFPA) member

Related office technical skills

- Productive in all office software necessary for design/coordination.
- Productive in Autodesk drafting and modeling systems, including but not limited to:
 - Autocad – up to 2018
 - Revit – 2012-2018
- Navisworks clash detection software for conflict-free models, prior to construction phase.
- Created and implemented advanced calculation software in Microsoft Excel, in order to properly document necessary calculations for project design and management.
- Projnet Dr Checks (US Corps of Engineers comment/response software) experienced.
- Newforma, Buzzsaw and other related document transfer software.
- LEED software experienced, up to version 4.

Skills/Qualifications

- Adept and skilled at complex pre-design programming with owners, existing facilities studies and reports for project feasibility and code/capacity compliance with new project needs. Complex phasing of project design and construction, assisting owner with phased budgeting and project scope definition.
- Very competent plumbing/fire protection designer/engineer – all piping systems related to commercial, retail, residential, healthcare, institutional and laboratory research facilities. Can successfully design and coordinate plumbing/fire protection systems from concepts with clients, to full implementation and construction inspection during installation and testing/commissioning.
- Project management skills include working knowledge of mechanical, electrical, plumbing, fire protection, information technology systems, in order to lead the MEP team to a successful project solution for the clients.

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- Organizational skills include conducting client meetings for project scope implementation, meetings with all related consultants and related agencies, including Universities, Federal Government.
- Working knowledge of national and international codes and requirements needed to ensure that the project is compliant with regulatory agencies and local authorities having jurisdiction.
- Engage in Design-assist collaboration with pre-construction general contractor and pre-selected sub-contractors, in order to work with teams on constructability of design, pre-bid procurement of long lead equipment, etc.

Example projects

- University of Maryland Baltimore – Health Sciences Facility III
 - MEP project manager, responsible for leading team and sub-consultants to successfully provide a design solution for the needs of the new research facility at UMB. Set up and conducted high level meetings with University, City of Baltimore, Architectural, Structural and Civil consultants, to achieve proper coordination of project needs.
- Confidential Client – Aberdeen Proving Grounds
 - MEP project manager and lead plumbing designer for 500,000 SF research facility, responsible for leading the plumbing/fire protection design, as well as the MEP team assigned to the project. Tasks included pre-design concepts of replacement facility, implementation of all phases of design and construction, leading internal plumbing design team, delegation of design tasks and mentoring of junior team members.
- Confidential Client – Aberdeen Proving Grounds
 - Lead plumbing designer for 250,000 SF research facility, responsible for leading the plumbing/fire protection design. Tasks included pre-design concepts of replacement facility, implementation of all phases of design and construction, leading internal plumbing design team, delegation of design tasks and mentoring of junior team members.

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- University of Pittsburgh/UPMC laboratory projects
 - Lead designer for multiple physics laboratory renovations, responsible for leading the plumbing/fire protection design with mentoring of junior team members. Assisted in setting necessary construction phasing for limited disturbances of adjacent working areas during design/construction.
- Alfred I. Dupont Childrens Hospital – Wilmington, DE
 - Lead plumbing designer, responsible for existing facilities study and report of feasibility of phased renovation and major bed tower addition, as well as central utility plant upgrade.
- University of Maryland Southern Maryland Higher Education Center – California, MD
 - Lead plumbing designer and project manager, responsible for assisting in initial planning of project scope, implementing plumbing design and coordinating fire protection efforts with team.
- UMES School of Pharmacy – Princess Anne, MD
 - Kicked off project with full consultant team and owner in order to finalize programming requirements for a Schematic Design Package. Completed coordination and documents to SD level.

References

- Reardon Sullivan – WFT Engineering – 301-230-0811
- Chris Porter – WFT Engineering – 301-230-0811
- Mahallani Bandong – Ameresco Engineering - 703-214-0393
- Chelsea Granado – Cooper Carry Architects – 703-519-6152
- Michael Barber - Ayers Saint Gross Architects - 410-347-8500
- Arash Torkashvan – Affiliated Engineers – 301-468-7766
- Renad Mededovic – Affiliated Engineers - 301-468-7766