

**Class Title: Architect III**

**BRIEF DESCRIPTION OF THE CLASSIFICATION:**

Provides design and project management for the construction, alteration and rehabilitation of municipal properties. Manages construction documents. Acts as a project manager. Supervises code reviews. Manages contracts. Prepares construction drawings and specifications for selected projects.

**ESSENTIAL FUNCTIONS:**

*This information is intended to be descriptive of the key responsibilities of the classification. The following examples do not identify all duties performed by any single incumbent. Specific requirements of individual positions are described in the Job Description.*

	Physical Strength Code	ESSENTIAL FUNCTIONS
1	S	Acts as a project manager while overseeing the design process by planning schedules, budgets and installation, implementing approved construction programs and coordinating design work with other city departments.
2	S	Manages construction document preparation by preparing and approving drawings and specifications for bidding and construction purposes, monitoring the production of architectural and engineering drawings and calculating cost estimates.
3	L	Acts as project manager by reviewing construction plans for government projects, inspecting installations and approving the completed project.
4	L	Supervises code reviews by attending weekly meetings for site plan reviews, monitoring the personnel's review of plans and providing technical expertise in building and design related issues.
5	L	Manages contracts by procuring services of architectural and engineering firms, negotiating, preparing and managing consultant contracts, reviewing and approving invoices for design services, preparing amendments to contracts and monitoring consultants for adherence to the schedule and budget.
6	S	Acts as an architectural consultant by serving on committees, and providing technical expertise in building and design related issues.
7	S	Responsible for the general administration of the architectural and building systems work unit, as well as daily management and operations of the work unit.
8	L	Manages and produces design programs and directing design, investigating and determining the correct building solution after meeting with user groups, investigating departmental needs for building modifications, analyzing operations and needs for spatial requirements, determining and developing the appropriate spatial program for new construction and renovation of existing buildings.
9	S	Reviews and coordinates design documents throughout the course of development, making recommendations for improvements. Reviews architectural, structural, mechanical, and electrical systems.

**CSC Adopted: October 2001 , CSC Revised: February 2007**

**CLASS REQUIREMENTS:**

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Formal Education / Knowledge	Work requires specialized knowledge in a professional or technical field. Work requires professional level of knowledge of a discipline equivalent to that which is acquired in a first professional level Bachelor’s degree from an Architectural program accredited by the National Council of Architectural Registration Boards.
Experience	Seven years experience. Requires in-depth knowledge of civil, structural, mechanical, and electrical engineering.
Certifications and Other Requirements	Valid Driver’s License, Registered Architect or Landscape Architect of the Commonwealth of Virginia.
Reading	Work requires the ability to read legal contracts, specifications, technical literature, studies, reports, correspondence, design documents, ordinances, text books, reference books, manuals and memos.
Math	Work requires the ability to perform general math calculations such as addition, subtraction, multiplication and division as well as algebra, trigonometry, plane geometry and statistical analysis.
Writing	Work requires the ability to write presentations, publications, specifications and ordinances.
Managerial	Managerial responsibilities include assigning duties and priorities, coordinating crew assignments, planning orders to coincide with project installations and coordinating projects. Managerial responsibility also includes oversight, scheduling, and coordination of all design projects assigned to the architectural bureau.
Budget Responsibility	Researches documents, compiles data for computer entry, and/or enters or oversees data entry and has responsibility for monitoring budget expenditures (typically non-discretionary expenditures) for large capital improvement building programs.
Supervisory / Organizational Control	Work requires supervising and monitoring performance for a regular group of employees in a work unit including providing input on hiring/disciplinary actions and work objectives/effectiveness, and realigning work as needed.
Complexity	Work is widely varied, involving analyzing and evaluating many complex and significant variables and successfully solving functional and technical problems through design. City-wide policies, procedures, or precedents are developed and/or recommended.

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**CLASS REQUIREMENTS**

Interpersonal / Human Relations Skills

Contacts others within the organization. These contacts may involve similar work units or departments within the City which may be involved in decision making or providing approval or decision making authority for purchases or projects. In addition, these incumbents work with individuals outside the City who may belong to professional or peer organizations. Working with various state and federal agencies may also be required of the employee. Vendors and suppliers may also be called upon for information on purchases, supplies or products. Meetings and discussions may be conducted with customers, brokers, sales representatives, citizens, and stakeholders.

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**OVERALL PHYSICAL STRENGTH DEMANDS:**

Sedentary	Light	X	Medium	Heavy	Very Heavy
S = Sedentary Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time	L = Light Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.		M = Medium Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	H = Heavy Exerting 50-100 lbs. occasionally, 25-50 lbs. frequently, or up to 10-20 lbs. constantly.	VH = Very Heavy Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

**PHYSICAL DEMANDS:**

C = Continuously 2/3 or more of the time.	F = Frequently From 1/3 to 2/3 of the time.	O = Occasionally Up to 1/3 of the time.	R = Rarely Less than 1 hour per week.	N = Never Never occurs.
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*This is a description of the way the job is currently performed; it does not address the potential for accommodation.*

PHYSICAL DEMANDS	FREQUENCY CODE	DESCRIPTION
Standing	O	On-site inspections
Sitting	F	Computer, desk work, AutoCAD, drafting
Walking	O	Inspections, field work, inter-office
Lifting	R	Files, boxes, plant material
Carrying	O	Files, boxes, plant material
Pushing/Pulling	R	Files, boxes, plant material
Reaching	R	Files, boxes, plant material
Handling	R	Files, boxes, plant material
Fine Dexterity	O	AutoCAD, cameras, drafting, computer and desk work, calculator
Kneeling	R	Files, boxes, plant material
Crouching	N	
Crawling	N	
Bending	R	Inspections, field work
Twisting	R	Inspections, field work
Climbing	R	Inspections, field work
Balancing	N	
Vision	C	Computer, desk work, drafting, driving
Hearing	C	Telephone, co-workers, driving
Talking	C	Telephone, co-workers, driving
Foot Controls	F	Driving
Other (specify)	N	

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**MACHINES, TOOLS, EQUIPMENT, AND WORK AIDS:**

Computer, camera, measuring devices, truck, Standard Windows and Office software, AutoCAD, GIS, Arc View, Tree Manager, QBIC

**ENVIRONMENTAL FACTORS:**

D = Daily	W = Several Times Per Week	M = Several Times Per Month	S = Seasonally	N = Never
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HEALTH AND SAFETY		ENVIRONMENTAL FACTORS	
Mechanical Hazards	D	Dirt and Dust	D
Chemical Hazards	N	Extreme Temperatures	S
Electrical Hazards	N	Noise and Vibration	M
Fire Hazards	N	Fumes and Odors	D
Explosives	N	Wetness/Humidity	S
Communicable Diseases	N	Darkness or Poor Lighting	N
Physical Danger or Abuse	N		
Other (see 1 below)	N		

PRIMARY WORK LOCATION	
Office Environment	X
Warehouse	--
Shop	--
Vehicle	--
Outdoors	--
Other (see 2 below)	--

- (1)
- (2)

**PROTECTIVE EQUIPMENT REQUIRED:**

None

**NON-PHYSICAL DEMANDS:**

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NON-PHYSICAL DEMANDS	
Time Pressures	C
Emergency Situations	R
Frequent Change of Tasks	C
Irregular Work Schedule/Overtime	O
Performing Multiple Tasks Simultaneously	F
Working Closely with Others as Part of a Team	F
Tedious or Exacting Work	F
Noisy/Distracting Environment	F
Other (see 3 below)	N

- (3)