

## EDITED KSAPC LISTING

CLASSIFICATION:           **PRINCIPAL ARCHITECT**          

**NOTE: Each position within this classification may perform some or all of these KSAPCs.**

<b>KSAPC Statements</b>	
<b>Knowledge of:</b>	
K1.	Advanced knowledge of architectural theory and practices, (e.g., building codes, standards and regulations in order to plan and direct the functions of planning, design and production of construction documents and providing construction support.
K2.	Advanced knowledge of details in the planning and designing of a variety of building and project types and groups of buildings needed in order to plan and direct the production of construction documents and providing construction support.
K3.	Comprehensive knowledge of building materials, systems and methods of construction to effectively produce project planning and construction documents.
K4.	Comprehensive knowledge of construction costs and estimating techniques in order to ensure that the estimates are complete and consistent with the project design.
K5.	Comprehensive knowledge of civil, structural, electrical, and mechanical engineering as related to buildings and project design to properly develop and coordinate all the elements required for a complete design.
K6.	Comprehensive knowledge of the methods of project organization, software/tools and resource management necessary for the proper development and production of construction documents and other design related products.
K7.	Comprehensive knowledge of the principles of budgeting as related to capital improvement projects as well as organizational support budget.
K8.	Comprehensive knowledge of a manager's role in the Equal Employment Opportunity program and the processes available to meet Equal Employment Opportunity objectives and maintain a work environment free of discrimination and harassment.
K9.	Basic knowledge of the department's Equal Employment Opportunity program objectives as it relates to the supervision/management of staff.
K10.	Comprehensive knowledge of organizational and personnel management practices and principles in order to recruit, develop, and retain qualified professional staff necessary to produce project construction documents and other design products.
K11.	<b>Comprehensive knowledge of departmental design and construction standards and operating procedures to produce project construction documents and other design products.</b>

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<b>KSAPC Statements</b>	
<b>Ability to:</b>	
A1.	Develop and/or analyze comprehensive architectural/engineering designs to provide safe and cost effective building solutions for correctional settings.
A2.	Present information clearly and effectively in pictorial, written and other forms necessary to communicate effectively.
A3.	Utilize all available information to analyze situations or data accurately and implement an appropriate course of action to effectively manage an organizational division/program.
A4.	Take initiative and be flexible in directing the work of a group of architectural and engineering professionals in the design and management of projects to effectively produce construction documents and other design products and provide construction support.
A5.	Effectively contribute to the Equal Employment Opportunity objectives to ensure a discrimination free work environment.
A6.	<b>Establish and maintain professional relationships with staff, consultants, contractors, and representatives of governmental agencies, facility personnel and others to ensure a successful project.</b>