

HIGHER EDUCATION PERSONNEL BOARD

Specification for Class

Class Code: 4662

BUILDING CONSTRUCTION SPECIALIST **Abolished Effective February 10, 2006**

BASIC FUNCTION

Establish design criteria and evaluate building designs. Identify and determine corrective measures for actual or potential building failures. Evaluate and direct the work of consultants and contractors. Develop and coordinate building system renewal programs.

DISTINGUISHING CHARACTERISTICS

Under general direction, evaluate complex building designs and construction such as the design of roofs for building additions that must maintain architectural and structural integrity and provide for proper drainage, the design and construction of expansion joints for underground additions to existing buildings, and the evaluation of failing masonry systems in historically and/or architecturally significant structures. Resolve technical discrepancies and determine necessary corrections.

TYPICAL WORK

Evaluate submittals prepared by consultants and/or contractors for the design of new buildings and for major additions or renovations; ensure compliance with institution design standards; approve deviations from design standards;

Review and develop design/construction standards for use by consultants, contractors and physical plant staff;

Review and approve materials submittals, shop drawings, change orders and other contract documents;

Evaluate building plans and construction methods to identify elements which are likely to compromise building integrity; determine corrective measures;

Establish scope of work, review and evaluate consultant proposals and recommend consultant selection; assist in negotiation of consultant fees; approve contract payments;

Evaluate building envelope failures including water intrusion, expansion/contraction failures, and drainage problems; determine action necessary to stabilize or correct such

problems; prepare written analysis and recommendations for use by department/institution management;

Develop, prioritize and oversee programs and projects for the maintenance of building components such as roofs, windows, masonry, etc.;

Determine need for and problems with building hardware including electronic security systems;

Direct the work of consultants and assigned project support staff; monitor the work of contractors;

Negotiate interpretations of code requirements with regulatory agencies to provide facilities that are acceptable to the institution and that meet the intent of the code;

Coordinate preparation of long-range engineering plans and estimate for major projects;

Provide direction to physical plant staff in operation, maintenance and problem resolution;

May prepare detailed designs to remedy identified problems;

Perform related duties as required.

MINIMUM QUALIFICATIONS

A Bachelors Degree in architecture, engineering, building construction, or related field AND seven years of experience in the design, construction or evaluation of building envelope systems

OR

equivalent education/experience.

New Class: 7-4-91