APPENDIX K
STRUCTURAL AND SPECIAL INSPECTIONS

K.1 General Information

The 2021 VUSBC Chapter 1, Section 113, "Inspections," prescribes minimum Inspections to be performed on a project and Chapter 17 provides requirements for Special Inspections and Tests. These inspections have been, heretofore, provided on University projects by a combination of the University's project inspection, the A/E and the University's independent testing lab. Chapter 8 describes the procedures assuring that the structural, special and other associated inspections are provided for the project. The concept of the process is that:

K.1.1 the A/E will determine in the design the materials, strengths, configurations, quality and standards applicable to the work and describe that information to the Contractor in drawings and specifications

K.1.2 the A/E will specify the submittals (i.e., shop drawings, manufacturer's data, and certificates of conformance), required from the Contractor and review the submittals

K.1.3 the A/E and the Agency shall review the list of Special Inspections for the applicable code, make appropriate notations on the list and forward the marked-up list with the completed University for review and approval

K.1.4 the Contractor shall review the submittals from its Subcontractors, suppliers, fabricators and vendors to assure conformance with the contract documents and assure that materials, sizes, and configurations proposed are compatible with other trades and the space provided

K.1.5 the fabricator, supplier, vendor or production plant shall secure and/or have ongoing the required testing and quality control/assurances program to meet the requirements specified and shall submit certificates of conformance to the applicable standards of practice and quality assurance

K.1.6 the A/E will perform on-site observations of erections, placements, and installations to ascertain the intent of the contract documents and shop drawings are met

K.1.7 the University's Project Inspector will observe day-to-day operations and report deviations/discrepancies in the materials and/or work versus contract documents and approved submittals

K.1.8 the University's test lab will, for the indicated items, make on-site inspections, measurements, tests and sample collections, make applicable laboratory tests and submit copies of the reports to the University, the Contractor, the A/E, and the Project Inspector

K.1.9 the Contractor will have other tests made as specified and as necessary to assure conformance with the applicable regulations and standards of practice and workmanship

K.1.10 the A/E's Structural Engineer shall complete the Final Report of Structural & Special Inspections, Form HECO-13.1b, and submit it to the University as soon as completed, but prior to the Substantial Completion Inspection report.

K.2 Document Availability

Current versions of Structural and Special Inspection forms HECO-6a, HECO-6b, and HECO-13.1b are available on the OUA website.