SECTION 01311 PROJECT COORDINATION

PART 1 - GENERAL

1.1 COORDINATION REQUIREMENTS

A. Contractor shall coordinate the Work and shall not delegate responsibility for coordination to any Subcontractor.

B. Anticipate the interrelationship of all Subcontractors and their relationship with the Work.

C. Resolve differences or disputes between Subcontractors concerning coordination, interference, or extent of the Work between Sections.

D. Coordinate the Work of Subcontractors so that portions of the Work are performed in a manner that minimizes interference with the progress of the Work.

E. Do not obstruct spaces and installations that are required to be clear by Applicable Code Requirements.

F. Do not cover any piping, wiring, ducts, or other installations until they have been inspected and approved and required certificates of inspection have been issued.

G. Remove and replace all Work that does not comply with the Contract Documents. Repair or replace any other Work or property damaged by these operations at no additional cost to the University.

H. Coordinate all portions of the Work requiring careful coordination in order to fit in space available. Before commencing such portions of the Work, prepare supplementary Drawings for review by the University's Representative.

I. Ensure that anchorage, blocking, joining, and other detailing are provided as required.

J. Electrical and Mechanical Coordination

1. Routing and Coordination of HVAC, Mechanical, Fire Sprinkler, Plumbing and Electrical Installations

   a. Contractor shall schedule and coordinate the Work of all Subcontractors having installation responsibilities [within the ceiling space] [of all the new and remodeled space], with respect to the sequence of Work and the allocation of space among the trades. Contractor's approved construction schedule shall clearly indicate the planned sequence of Work in such areas and any proposed departure from it affecting or potentially affecting coordination of the overall installation shall be...
b. Contractor shall prepare or have prepared detailed Shop Drawings in plan view, with cross-sections as necessary, indicating the proposed installation plan for all HVAC, mechanical, fire sprinkler, plumbing, and electrical installations within the area [of all the ceiling area] [of all the new and remodeled space]. These Drawings should depict actual elevations and linear dimensions, and all routing changes, transitions, and major offsets deemed necessary to accomplish the installation. Individual Shop Drawings may be prepared for each trade working within the designated space or area; however, the coordination of the consolidated installation shall remain the responsibility of the Contractor. These Shop Drawings shall be submitted to the University's Representative for review prior to commencement of installation, and shall be provided to each Subcontractor having Work in the area.

c. Should unavoidable conflicts be encountered during the preparation or review of the Shop Drawings, or during construction, they shall be promptly brought to the attention of the University's Representative, in writing, for resolution.

d. Where the Drawings are diagrammatic, showing only the general arrangement of the systems, Contractor shall have responsibility for the fitting of materials and equipment to other parts of the equipment and structure, and to make adjustments as necessary or required to resolve space problems, preserve service room, and avoid architectural and structural elements and the Work of other trades. Contractor may be required to identify certain areas to relocate installations within the spaces depicted on the Drawings, e.g., ductwork may be shifted within the space shown to accommodate other systems. Such functional relocations shall not be deemed a change to the requirements of the Contract. In the event a major re-routing of a system appears necessary, Contractor shall prepare and submit for approval, Shop Drawings of the proposed rearrangement.

e. Because of the diagrammatic nature and small scale of the Drawings, all necessary offsets, adjustments, and transitions required for the complete installation are not shown. Contractor shall carefully investigate the structural and finish conditions affecting all the Work and shall arrange such Work accordingly, furnishing such fittings, equipment, valves, accessories, etc., as may be required to meet such conditions, at no additional cost to the University.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 01311