SECTION 01310 – COORDINATION

PART 1 - GENERAL

1.1 SUMMARY

A. Sizes and locations of installed items and the general direction of installation area indicated on the Contract Documents. It is not the intent of the Documents to show every pipe, fitting connection, offset, etc., nor every structural difficulty to be encountered during installation. It is each Prime Contractors responsibility to verify routings before work commences and provide the materials and accessories necessary for a complete installation.

B. Coordinate this section with the appropriate "Coordination Section" in the mechanical and electrical divisions of the Specifications.

C. This section encompasses and involves ALL Prime Contractors, and all Prime Contractors should review this section carefully and fully to determine to what extent their work is affected.

1.2 COORDINATION MEETINGS

A When necessary, the appropriate Consultant will participate in coordination meetings.

B. All Prime Contractors are required to participate in coordination meetings as necessary where mechanical and electrical work may coincide or interfere with their installations.

1.3 COORDINATION DRAWINGS

A. Before materials are purchased, fabricated or work is begun, the HVAC Contractor shall prepare coordination drawings for all floors and areas, including buried systems and services, showing the size and location of the contractor's equipment and systems size, location and routing, in the manner described herein. The coordination drawings shall be no less than ¼ inch scale and shall be generated from a computer CADD program compatible with AutoCADD Release 123. Base architectural drawings and base MEP drawings will be available from the Architect and/or Engineer. Refer to Section 01110 for further details.

B. Each Contractor shall take the basic coordination drawings prepared by the HVAC Contractor and add (draft) their particular trade item, in locations decided upon in coordination meetings. Contractor shall add items to the coordination drawings only after all present at the coordination meetings agree to their location. Sequencing of drawing additions will be as follows:

1. HVAC Contractor (prepares original coordination documents).
2. Plumbing Contractor.
3. Electrical Contractor.

4. Fire Protection Contractor.

Documents will be used as a guide, with final approved coordination drawings governing installation sequence.

Adjustments in sequencing will be made as necessary in coordination meetings. All drawings will be prepared in accordance with all applicable rules, regulations and governing authorities.

C. Once reviewed and approved by each Trade Contractor, the Mechanical Trade Contractor shall prepare a final reproducible Systems Coordination Drawings, illustrating the work by all Trades. This reproducible drawing shall be submitted with two (2) prints to the Construction Manager prior to start of work but no later than 90 days from notice to proceed. The Construction Manager will forward this drawing to the Architect for his review.

D. Final coordination documents (with ALL contractor markings) will be reviewed by the Consultants for general compliance with the original intent of the Contract Documents.

PART 2 - PRODUCTS (Not Applicable).

PART 3 - EXECUTION

3.1 COORDINATION OF INSTALLED WORK

A. In case of interferences with work of other trades or scheduling problems during any portions of actual construction, Construction Manager shall decide which work will be relocated or adjusted. These minor adjustments will be made with NO additional COST to the Owner.

B. The Architect or Engineers may direct minor architectural location changes during the installation of the Work. All adjustments will be completed at no additional cost to the Owner.

C. Each contractor is responsible to coordinate with all other Contractors and Construction Manager when installing their work. This may involve minor adjustments or modifications in the work to accommodate the work of other trades. This coordination shall be considered part of each Contractor's contract.

D. The commencement of any work in any section indicates that previous work has been inspected and meets the full satisfaction of the Contractor and his willingness to undertake all of the guarantee stipulations as noted within the Contract specifications.

E. It is the responsibility of each Contractor to assure that all other trade work is completed prior to the commencement of the following work. The Owner is in no way liable for work which is closed up before each trade has satisfactorily completed their portion of the work.

F. Each Contractor shall be required to schedule and coordinate his activities with the other Contractors to assure proper fit of the various elements of work in common.

3.2 GENERAL SUBSTRATE ACCEPTANCE

A. In general, installation of any Contractor's work to another Contractor installed substrate indicates acceptance of the substrate as satisfactory for an acceptable installation. Surfaces with defects in excess of the specifications tolerances for the Contractor installing the substrate should be brought to the attention of the Construction Manager before the Contractor proceeds with their work.

3.3 MATERIAL COMPATIBILITY

A. It is each Contractor's responsibility to assure that all finish application adhesives, cements, materials, etc. are compatible with substrate installed materials such as curing components, additives, materials, etc. before proceeding with their work.

END OF SECTION