

**SECTION 01 40 50**

**CONTRACTOR COORDINATION DRAWINGS**

**PART 1 - GENERAL**

**1.1 DESCRIPTION**

- A. This section specifies specific requirements for the Contractor's coordination of the work of trades. Coordination will include all portions of the work.
- B. The Contractor is required to prepare coordination drawings for work that will occur above the finish ceiling of each floor, the roof deck(s), below grade both under the building(s), existing service and utility yards, general site, penetration through roof deck, floor deck, existing utility trench, and into adjacent existing buildings. These coordination drawings are in addition to those specified in particular in specific technical specification sections or required by notations on the drawings.
- C. Included:
  - 1. Required Drawings
  - 2. Schedule of sequence of each trade/subcontractor.

**1.2 RELATED WORK**

- A. Requirements and procedures set forth in the General Conditions: Section 01 00 00 GENERAL REQUIREMENTS.
- B. Preparation and format of submittals: Section 01 33 23 SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- C. Requirements and procedures set forth in all technical specifications.

**1.3 SCOPE OF COORDINATION DRAWINGS**

- A. Work above finish ceiling for each building and/or structure:
  - 1. Prior to the start of construction the contractor shall show on reproducible paper, the work of each trade including, but not limited to, pipe runs, mechanical ductwork, cable trays, conduit runs.
  - 2. Indicate locations of all dampers, valves, cleanouts and other devices requiring human access for maintenance and repair.
  - 3. Show the height above finish floor each item, demonstrating sufficient space for installation and maintenance.
  - 4. Layout of work shall be done in such a manner that avoids conflicts between the work of different trades, does not conflict finish

ceiling heights, soffits, light fixtures or other finish work at ceilings and soffits.

5. Should conflicts occur that affect finish ceiling and soffit heights, methods of installations, methods of construction or means of accessibility, the contractor shall clearly identify each location(s) for review by the Architect.

B. Work below grade for each building, structure and general site.

1. Prior to the start of construction the contractor shall show on reproducible paper the work for each trade that will be placed underground, including existing utility lines scheduled to remain.
2. Show the below finish floor elevation of each item of work, indicate the horizontal distance between work of each trade.
3. Where utility lines cross the contractor shall indicate the elevations of each utility line. Should conflicts occur between required elevations or minimum horizontal separations of work, including the sleeving of footings, pads, grade beams, footings for fences, walls, raised planters, etc. the contractor shall clearly identify each location(s) for review by the Architect.

C. Existing Service & Utility Yards, Utility Trench, General Site and Buildings:

1. Prior to the start of construction the contractor shall show on reproducible paper the work of each trade both overhead and underground that will be installed, and existing work scheduled to remain.
2. Show the finish elevations of all work, indicate the horizontal distances between work of each trade, show locations of all shut-off and isolation valves, cleanouts, filters and other devices requiring human access for maintenance and repair.
3. Should conflicts occur between required elevations, horizontal clearances, sleeving requirements of concrete work the contractor shall clearly identify each location(s) for review by the Architect/Engineer.

D. Roof:

1. Prior to the start of construction the contractor shall show on reproducible paper the work for each trade that will be placed on the roof. Show horizontal distance between all roof mounted equipment. Show the locations of roof penetrations indicate the

- horizontal distance between penetrations and roof mounted equipment.
2. Identify the means and methods of supports being used for pipe and conduit runs.
  3. Show all pipe and conduit runs for each trade.
  4. Show the relationship between all roof mounted equipment and all roof crickets, drains and cant strips.
  5. Show all penetrations through the roof. Show size of penetrations.

**1.4 SUBMITTAL REQUIREMENTS**

- A. Submit one reproducible and two prints of each coordination plan.
- B. **Submit initial coordination drawings during the Pre-Construction POP and update 30 days prior to the start of work for that area.**
  1. The Architect/Engineer will review the coordination drawings and return a review copy within 10 working days after receipt.
  2. If required, resubmit within 7 working days after return of review copy.
- C. At completion of the project submit a record copy of these documents both in printed format and as electronic drawing file.

**PART 2 -PRODUCTS**

Not Used

**PART 3 - EXECUTION**

Not Used

- - - END - - -