

SECTION 01030
FIELD ENGINEERING

1.00 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including Owner's General Conditions and other Division 1 Specification Sections, apply to this Section.

2.00 PRODUCTS

2.01 MATERIALS

- A. The Contractor shall provide all instruments, tools and appurtenances to accurately execute the work of this Section.

3.00 EXECUTION

3.01 FIELD ENGINEERING

- A. Verify locations of survey control points prior to starting work.
- B. Protect survey control points prior to starting site work; preserve permanent reference points during construction.
- C. Promptly report to Architect the loss or destruction of any reference point or relocation required because of changes in grades or other reasons.
- D. Replace dislocated survey control points based on original survey control. Make no changes without prior written notice to Architect.
- E. All lay-out control to be by a state certified site surveyor and final sub-base elevation, finished floor elevation and corners of this build to be certified by a state certified site surveyor.
- F. Lay-out work from the established base lines, elevations and benchmarks referenced on the Drawings and provided by Owner's approved State certified Surveyor.
- G. Furnish templates, stakes and materials required.
- H. Preserve all monuments, stakes and markers.
- I. Coordinate and supervise layout of utility service lines and rough-in requirements.
- J. Verify all dimensions and conditions shown on the Drawings, Specifications and Addenda shall be verified before work is begun, and further verify at the site.
- K. Where installed work interferes with other work, the Architect will designate what work is to be removed and replaced.

3.02 INTENT OF PLANS AND SPECIFICATIONS

- A. The Contract Documents are complementary, and what is called for by any single document shall be as binding as if called for by all. Anything not expressly set forth in either, but which is reasonably implied, shall be furnished and performed the same as if it were both shown and mentioned. It is the intention of the documents to include all labor and materials, equipment, and transportation necessary to complete the work shown and indicated by the Drawings or called for in the Specifications, in accordance with the best practice prevailing for the work of the various kinds. Material or work described in words which so applied have a well known trade or technical meaning shall be held to refer to such recognized standards. The contractor will be required to furnish and install such work and material as may be necessary to furnish a proper and suitable preparation, support or finish for the work which is shown or specified, whether or not same is specifically mentioned in the Specifications or shown on the Drawings, and further, Contractor will be required to make plural and complete work which is shown or specified in the singular.
- B. Except where specifically noted or indicated otherwise, all mechanical and electrical work shall be concealed within the building construction, and within the limits of finished surfaces established on the Architectural Drawings. Where exposed mechanical and electrical work is permitted by the Architect, same shall be neatly arranged, racked and aligned to the Architect's satisfaction.
- C. Should Drawings conflict one with another or with the Specifications, the better quality or greater quantity of work or materials shall be included in the proposal, and unless otherwise ordered in writing, shall be performed or furnished.
- D. The Architect shall resolve all questions that may arise in relation to the intent of the final permitted Specifications and Drawings. Any explanations or interpretations of the intent of the Specifications and Drawings requested by the Contractor shall be referred to the Architect, who will answer in writing with a copy to the Owner.
- E. In these Specifications the different classes of work and materials are grouped generally in Divisions that correspond to the C.S.I. MASTERFORMAT and the A.I.A. MASTERSPEC formats. This is done for convenience of reference only and is not intended to control the Contractor in dividing the work among sub-contractors or to limit the work to be done under any Division to the requirements of the Division.

3.03 WORK BEYOND CONTRACT LIMIT

- A. The "Contract Limit" is generally noted on the Site Plan.
- B. Any work required beyond this limit for the installation of work under the contract such as new curbs, sidewalks, paving, utility services, drainage structures or other appurtenances shall be accomplished in accordance with the governing authorities having jurisdiction over the work.

END OF SECTION 01030