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**Part 1            GENERAL**

**1.1            Related Work**

- .1      Refer to other Specification Sections for related information.
- .2      Refer to Section 01 33 00 for Submission and Shop Drawing requirements.

**1.2            Submittals**

- .1      Make submittals in accordance with Section 01 33 00 – Submissions and Shop Drawings.
- .2      Defective products shall be rejected, regardless of previous inspections. Replace products at Contractor's expense.

**1.3            Final Cleaning**

- .1      In preparation for acceptance of the project on an interim or final certificate of completion, perform final cleaning.
- .2      Remove grease, dust, dirt, stains, and other foreign materials from finished surfaces.

**1.4            As-Builts and Samples**

- .1      Maintain, in addition to requirements in General Conditions, at site for *Departmental Representative*, at least one record copy of:
    - .1          Contract Drawings;
    - .2          Specifications;
    - .3          Addenda;
    - .4          Change Orders and other modifications to the Contract;
    - .5          Reviewed shop drawings, product data and samples;
    - .6          Field test records;
    - .7          Inspection certificates;
    - .8          Manufacturer's certificates.
  - .2      Store record documents and samples in field office apart from documents used for construction. Provide files, racks, and secure storage.
  - .3      Label record documents and file in accordance with Section numbers used in this Specification Document. Label each document "PROJECT RECORD" in neat, large, printed letters.
  - .4      Maintain record documents in clean, dry, and legible condition. Do not use record documents for construction purposes.
  - .5      Keep record documents and samples available for viewing and inspection by *Departmental Representative*.
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## **1.5 Recording Actual Site Conditions**

- .1 Record information on set of blue line opaque drawings, and in copy of Project Manual, as provided by the *Departmental Representative*.
- .2 Provide felt tip marking pens, maintaining separate colours for each major system, for recording information.
- .3 Record information concurrently with construction progress. Do not conceal Work until required information is recorded.
- .4 On Contract Drawings and shop drawings mark each item to record actual construction including, at a minimum:
  - .1 Measured depths of pile tips and driving records.
  - .2 Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
  - .3 Measured locations of internal utilities and appurtenances, referenced to visible and accessible features of construction.
  - .4 Field changes of dimension and detail.
  - .5 Changes made by change orders.
  - .6 Details not on the original Contract Drawings.
  - .7 References to related shop drawings and modifications.
  - .8 Other pertinent information as specified or indicated.
- .5 Specifications: Mark each item to record actual construction including, at a minimum:
  - .1 Manufacturer, trade name and catalogue number of each product actually installed, particularly optional items and substituted items.
  - .2 Changes made by Addenda and Change Orders.
- .6 Other Documents: Maintain manufacturer's certifications and field test records required by individual specification sections.

## **1.6 Final Survey**

- .1 Submit final site survey certificate in accordance with Section 01 71 00 certifying that elevations and locations of completed Work are in conformance, or were not in conformance, with Contract Documents.

**END OF SECTION**