Record Drawing

Record Drawings fall into two categories: As-built Drawings and Historic Record Drawings.

As-built Drawings: Drawings based on field measurements for an existing building. Generally, these drawings record only visible building elements. The level and detail of measurements included in the drawings will depend on how the drawings will be used. These can be construction drawings revised to show significant changes made during the construction process, usually based on marked-up prints, drawings, and other data furnished by the contractor to the architect. These are also known as Red Line Drawings.

Historic Record Drawings: Illustrate the existing condition of a building at the time of documentation, including additions, alterations, and demolitions which have occurred since the building was first constructed. Where sufficient knowledge exists concerning the sequence of changes to a building over time, appropriate notation on the drawings may be appropriate. Alternatively, delineators may wish to produce additional interpretive drawings illustrating the building at an earlier date, in order to more fully explain its historic significance. These are also known as Measured Drawings.

Why a Client May Need These Services

- To depict an existing building so that construction documents (drawings and specifications) may be produced to initiate new work on the building.
- To record a building for historic or cultural reasons.

Knowledge and Skills Required

Services are evaluated on the following three skills:

- 1. Hand lettering, since frequently notes must be taken directly on plans that are either reproductions or original documents.
- 2. Freehand sketching of existing conditions, since there may not be the benefit of prior drawings to reference.
- 3. Precision hand and/or computer-aided drafting ability

Representative Deliverables

- Field notes and sketches
- Photographic documentation
- Drawings

Sketching and field- noting requirements. Field sketches, dimensions and notes should be drawn on graph paper or existing plan/elevations. Legibility

in sketching, dimensioning, and noting is of the upmost importance. All field notes for a project should be able to be read by any delineator.

For particularly large and/or complicated buildings, it may be necessary to lay out individual drawings (plans, elevations, or sections) over multiple sheetsof field notes. Care should be taken in the location of break lines, as well as to make sure the individual sheets are appropriately referenced to one another.

Digital field data. Digital photographs used in the documentation process should be printed out as thumbnails on contact sheets and included with the field notes. A compact disc with the digital photographic files should also be included with the field notes.

Photogrammetric images used in the documentation process should be printed and included with the field notes, along with any control point data.

Drawings. Deliverables need to be determined based upon the owner's needs. The deliverables usually include floor plans, sections, and elevations with full dimensions. The drawings typically also include door as well as window details and, when agreed upon, outline material specifications.

The AIA provides a contract document designed especially for alternative architectural services.

B102-2007, Standard Form of Agreement Between Owner and Architect without a Predefined Scope of Architect's Services.

AIA Document B102-2007 is a standard form of agreement between owner and architect that contains terms and conditions and compensation details. B102– 2007 does not include a scope of architect's services, which must be inserted in Article 1 or attached as an exhibit. Special terms and conditions that modify the agreement may be included in Article 8.

The separation of the scope of services from the owner/architect agreement allows users the freedom to append alternative scopes of services.

AIA Document B102-2007 replaces and serves the same purpose as AIA Document B141-1997 Part 1.

For more information about AIA Contract Documents, visit www.aia.org/contractdocs/about

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