

# Architectural Drafting Using AutoCAD

## Typical Sheet Numbering Conventions



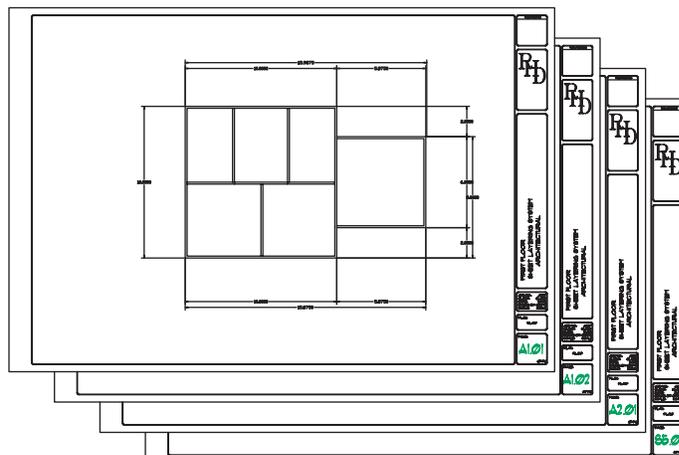
A typical set of architectural construction documents includes building drawings, structural drawings, mechanical drawings, plumbing drawings, electrical drawings, and schematic drawings. Depending on the office and the specialties in the firm, an architectural office may draw only the architectural drawings, and contract out the electrical, plumbing, structural, and mechanical drawings to organizations that specialize in those areas. A larger firm may draw most of the set in house, contracting only when necessary.

Sheet numbers are broken down into a discipline designator and a sheet type designator. The sheet type designator always remains the same, no matter how large or small the project. Not all of the designators may be required for a set of construction documents.

**Figure 1** shows a few sheets from a construction document set. Notice the discipline designator is followed by the sheet type designator. Typical designators are identified in the following tables.

Discipline Designator	Description	Discipline Designator	Description
A	Architectural	M	Mechanical
C	Civil	P	Plumbing
E	Electrical	Q	Equipment
F	Fire Protection	R	Resource
G	General	S	Structural
H	Hazardous Materials	T	Telecommunications
I	Interiors	X	Other Disciplines
L	Landscape	Z	Contractor/Shop Drawings

**Figure 1.**  
Numbered drawings  
in a construction  
document set.



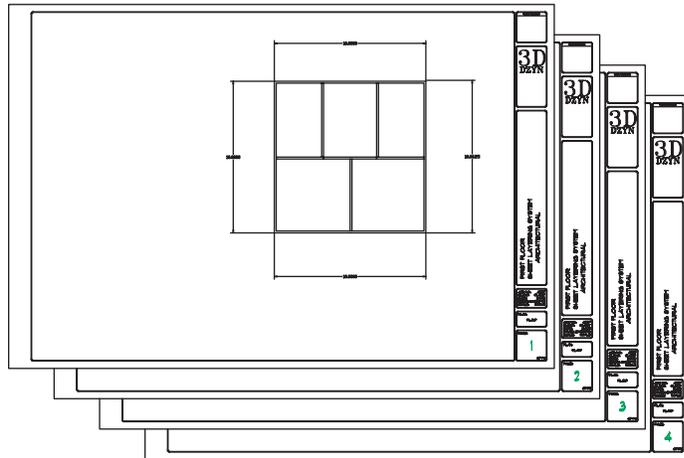
Sheet Type Designators	Description
0.01–0.99	General (index, symbols, legend, notes, abbreviations, location map)
1.01–1.99	Plans (floor, foundation, ceiling, framing, roof, plumbing, lighting, mechanical)
2.01–2.99	Elevations (exterior, small scale)
3.01–3.99	Sections
4.01–4.99	Large Scale (plans, interior elevations, sections that are not details)
5.01–5.99	Details
6.01–6.99	Schedules and Diagrams
7.01–7.99	User Defined
8.01–8.99	User Defined
9.01–9.99	3D Views (isometrics, perspectives, photographs)

The following table lists typical sheet numbering conventions for an architectural set of construction documents.

Sheet Number	Description
A1.01	Architectural floor plan, first floor, sheet number 1
A1.02	Architectural floor plan, second floor, sheet number 2
A2.01	Architectural elevation sheet, sheet number 1
A2.02	Architectural elevation sheet, sheet number 2
A5.01	Architectural detail sheet, sheet number 1
S3.01	Structural section sheet, sheet number 1
S5.10	Structural detail, sheet number 10
E6.03	Electrical schedule, sheet number 3

Residential design drawings often do not conform to a typical standard. Sheet numbers are determined by the need for the number of drawings. Often, any required information is added onto the floor plans, foundation plans, sections, and detail sheets, eliminating the need for a large number of drawings.

**Figure 2.**  
Numbered sheets in  
a residential drawing  
set.



**Figure 2** shows a few sheets from a residential drawing set. A typical set of residential plans might contain the following sheets in the listed order:

- Cover Sheets (when required, often containing a presentation drawing)
- Site Plans
- Exterior Elevations
- Floor Plans, often containing the following:
  - Electrical
  - Structural
  - Plumbing Fixtures
- Foundation Plans, often containing the following:
  - Structural
  - Plumbing Fixture Locations
- Roof Plans, often containing the following:
  - Vent Locations
  - Downspout Locations
- Sections
- Details