Recommended Drawing Numbering, Scales and Dimensioning

Architectural Drawings:
General:
G101  Cover Sheet
G102  General Information
G201  Live Safety Plan

Civil:
C100  Site Topo Plan
C200  Demolition Plan
C300  Site Staking/Signing/Striping/Erosion Control Plan
C400  Grading & Drainage Plan
C500  Utility Plan

Landscape:
I-1   Irrigation Plan
I-2   Irrigation Details
L-1   Landscape Plan
L-2   Landscape Details

Architectural:
AC01  Overall Architectural Site Plan
AC02  Enlarged Architectural Site Plan
AC03  Site Plan Details
A001  Finish Schedule & Legend
A002  Opening Schedule, Elevations
A101  Floor Plan
A102  Dimension Plan
A103  Lower Roof Plan
A104  Upper Roof Plan
A105  Canopy Plan and Details
A111  Enlarged Floor Plans
A201  Exterior Elevations
A201  Exterior Elevations
A301  Building Sections
A302  Building Sections
A311  Wall Sections
A312  Details – Curved Roof
A313  Details – Curved Roof
A316  Wall Partition Types
A321  Plan Details
A331  Section Details
A332  Typical Details and Profiles
A341  Roof Details
A351  Interior Column Details
A401  Interior Elevations
A402  Interior Elevations
A501  Reflected Ceiling Plan
A601  Equipment Plan
The recommendation scales* for key architectural drawings are as follows:

- Site plan – engineering scale 1:20 or similar, depend upon size of site
- Arch Floor Plan – 1/8”
- Arch Ceiling Plan – 1/8”
- Arch Roof Plan – 1/8” or 1/16” – (try to show roof as one drawing view)
- Interiors Floor Finish Plan – 1/8”
- Interiors Furniture Plan – 1/8”
- Enlarged Arch Floor Plans – ¼” or larger as needed (typically the toilet rooms)
- Arch Exterior Elevations – 1/8”
- Arch Building Section – ¼” or ½” if needed for a specialty area (ie lobby)
- Arch typical wall sections – ⅜”
- Wall types (wall sections or plan views) – 1 ¼”
- Details - Plan and Section – ⅜” or 3”
- Interior Elevations – ¼” or 3/8” as needed

*Note: set up each drawing on a 42” x 30” page. Then print on an 11” x 17” page.

Structural Drawings:
S000 Typical details and notes: Include items such as lap splice details, lintel details, footing step details, beam to beam and beam to column connections, etc
S100 Foundation Plan: 1/8 scale, fully dimensioned, note and schedule all footing and column sizes. Schedules can appear on other sheets
S200 Floor Framing Plans: 1/8 scale, fully dimensioned, show size of all members, show floor construction type, show elevations.
S300 Roof Framing Plans: 1/8 scale, fully dimensioned, show elevations of top of steel and roof slopes show sizes of all members
S400 Structural Elevations (I don't think anyone will need this): 1/8 scale, fully dimensioned elevations of lateral bracing elements.
S500 Building Cross Sections: ¼ scale sections thru the building illustrating changes in the building shape. This can be as little as a section in each direction on simple buildings or multiple sections showing steps in roofs and changes in elevations of building elements. Show location of enlarged wall sections.

Show enlarged ¼ scale sections at walls or changing conditions. These sections are fully dimensioned and noted. Note all member sizes or types of construction. Show and note any connection as bearing plates.

There should be six to twelve S500-series drawings (not sheets) depending on how the building complexity.
**Dimensions:**

a. Primary dimensions lines will be pulled out of the floor plan and beyond all notes and symbols. The dimension lines from the outermost in toward the plan will point to the following objects:
   1) 1st string is overall building dimension
   2) 2nd string is major breaks in building and major column lines (e.g. A, B, ...)
   3) 3rd string is interior walls at or near exterior wall (may have 2 runs of these). “Sub” column lines (e.g. A.1, A.2), if present, should be made on this string.
   4) 4th string is exterior openings (windows and doors); dimension to the first edge only.

b. Dimension lines at interior of plan will occur only for items not reached by outside dimension lines

c. Dimension lines will typically be continuous from edge to edge of building.

d. If areas of the plan require enlarged plans, the interior walls should be dimensioned at the enlarged plan location.