

LAYER NAME REFERENCE GUIDE

Layers Name Conventions

The AIA CAD Layer Guidelines defines layer naming strategies used throughout this textbook.

- **Discipline designators** are the first letter used in each layer name.
- **Major groups** are four-character abbreviations that identify major building systems.

- **Minor groups** are four-character abbreviations used to further define the major group.
- The **status field** is used to designate the phase of construction.

Download a PDF of these standard layer names at WWW.DDFDBOOK.COM.

LAYER NAMES—DETAILS

Name	Color	Linetype	Layer Use/Description
A-ANNO-DIMS	white (7)	Continuous	Used for dimension strings.
A-ANNO-NOTE	white (7)	Continuous	Used for multileader annotation.
A-ANNO-TEXT	blue (4)	Continuous	Used for text annotation.
A-DETL-DARK	yellow (2)	Continuous	Dark line used for elements “cut” in the detail.
A-DETL-HDDN	blue (5)	Hidden2	Dashed line used for hidden objects in the detail.
A-DETL-MEDM	cyan (4)	Continuous	Medium line used for a change in plane (profile line).
A-DETL-THIN	magenta (6)	Continuous	Light line used for change in material on a wall or surface.
A-DETL-PATT	8	Continuous	Used for material hatches and patterns in the detail.
A-FLOR	red (1)	Continuous	Dark line used for the floor when visible in section details.
S-COLS	yellow (2)	Continuous	Used for structural columns visible in the detail.
S-GRID	8	Center2	Used for structural grids visible in the detail.

LAYER NAMES—ELEVATIONS

Name	Color	Linetype	Layer Use/Description
A-ANNO-DIMS	white (7)	Continuous	Used for dimension strings.
A-ANNO-NOTE	white (7)	Continuous	Used for multileader annotation.
A-ANNO-TEXT	blue (4)	Continuous	Used for text annotation.
A-ELEV-DARK	yellow (2)	Continuous	Dark line used for elements “cut” in the elevation.
A-ELEV-HDDN	blue (5)	Hidden2	Dashed line used for hidden objects in the elevation.
A-ELEV-MEDM	cyan (4)	Continuous	Medium line used for a change in plane (profile line).
A-ELEV-THIN	magenta (6)	Continuous	Light line used for change in material on a wall or surface.
A-ELEV-PATT	8	Continuous	Used for material hatches and patterns in the elevation.
A-FLOR	red (1)	Continuous	Dark line used for the perimeter of the elevation.
S-GRID	8	Center2	Used for structural grids visible in the detail.

LAYER NAMES—SECTIONS

Name	Color	Linetype	Layer Use/Description
A-ANNO-DIMS	white (7)	Continuous	Used for dimension strings.
A-ANNO-NOTE	white (7)	Continuous	Used for multileader annotation.
A-ANNO-TEXT	blue (4)	Continuous	Used for text annotation.
A-SECT-DARK	yellow (2)	Continuous	Dark line used for elements “cut” in the section.
A-SECT-HDDN	blue (5)	Hidden2	Dashed line used for hidden objects in the section.
A-SECT-MEDM	cyan (4)	Continuous	Medium line used for a change in plane (profile line).
A-SECT-THIN	magenta (6)	Continuous	Light line used for change in material on a wall or surface.
A-SECT-PATT	8	Continuous	Used for material hatches and patterns in the section.
A-FLOR	red (1)	Continuous	Dark line used for the floor when visible in the section.
S-GRID	8	Center2	Used for structural grids visible in the section.

LAYER NAMES—PRESENTATION PLANS

Name	Color	Linetype	Layer Use/Description
A-ANNO-DIMS	white (7)	Continuous	Used for dimension strings.
A-ANNO-NOTE	white (7)	Continuous	Used for multileader annotation.
A-CASE	blue (5)	Continuous	Used for base cabinets and casework.
A-CASE-ABOV	blue (5)	Hidden	Used for overhead/wall cabinets.
A-DOOR	cyan (4)	Continuous	Used for doors and door swings in plan.
A-FLOR-PATT	9 or 252	Continuous	Used for floor material patterns.
A-FURN	blue (5)	Continuous	Used for furniture.
A-GLAZ	green (3)	Continuous	Used for windows/glazing.
A-GLAZ-MULL	white (7)	Continuous	Used for window mullions.
A-GLAZ-SILL	magenta (6)	Continuous	Used for window sills.
A-ROOM-IDEN	blue (5)	Continuous	Used for room tags.
A-WALL-E	yellow (2)	Continuous	Used for existing walls to remain.
A-WALL-N	red (1)	Continuous	Used for new walls.
A-WALL-PATT	9 or 252	Continuous	Used for wall poché or hatch patterns.
S-COLS	yellow (2)	Continuous	Used for structural columns.
S-GRID	8	Center2	Used for structural grids.

LAYER NAMES—CONSTRUCTION PLANS

Name	Color	Linetype	Layer Use/Description
A-ANNO-DIMS	white (7)	Continuous	Used for dimension strings.
A-ANNO-NOTE	white (7)	Continuous	Used for multileader annotation.
A-CASE	blue (5)	Continuous	Used for base cabinets and casework.
A-CASE-ABOV	blue (5)	Hidden	Used for overhead/wall cabinets.
A-CLNG-FIRE	yellow (2)	Continuous	Used for fire protection in RCPs.
A-CLNG-GRID	cyan (4)	Continuous	Used for ACT ceiling grids.
A-CLNG-HVAC	yellow (2)	Continuous	Used for HVAC registers in RCPs.
A-CLNG-IDEN	blue (5)	Continuous	Used for ceiling tags.
A-CLNG-LITE	yellow (2)	Continuous	Used for light fixtures in RCPs.
A-CLNG-LITE-IDEN	blue (5)	Continuous	Used for light fixtures tags in RCPs.
A-DOOR-D	green (3)	Hidden2	Used for existing doors to be demolished.
A-DOOR-E	magenta (6)	Continuous	Used for existing doors to remain.
A-DOOR-HEAD	blue (5)	Continuous	Used for door headers in RCP view.
A-DOOR-IDEN	blue (5)	Continuous	Used for door tags.
A-DOOR-N	cyan (4)	Continuous	Used for doors and door swings in plan.
A-FLOR-PATT	9 or 252	Continuous	Used for floor material patterns.
A-FURN-E	blue (5)	Hidden2	Used for existing furniture to remain.
A-FURN-IDEC	blue (5)	Continuous	Used for furniture tags.
A-FURN-N	blue (5)	Continuous	Used for new furniture.
A-GLAZ	green (3)	Continuous	Used for windows/glazing.
A-GLAZ-MULL	white (7)	Continuous	Used for window mullions.
A-GLAZ-SILL	magenta (6)	Continuous	Used for window sills.
A-ROOM-IDEN	blue (5)	Continuous	Used for room tags.
A-WALL-D	red (1)	Hidden2	Used for existing walls to be demolished.
A-WALL-E	yellow (2)	Continuous	Used for existing walls to remain.
A-WALL-IDEN	blue (5)	Continuous	Used for wall tags.
A-WALL-N	red (1)	Continuous	Used for new walls.
A-WALL-PATT	9 or 252	Continuous	Used for wall poché or hatch patterns.
S-COLS	yellow (2)	Continuous	Used for structural columns.
S-GRID	8	Center2	Used for structural grids.