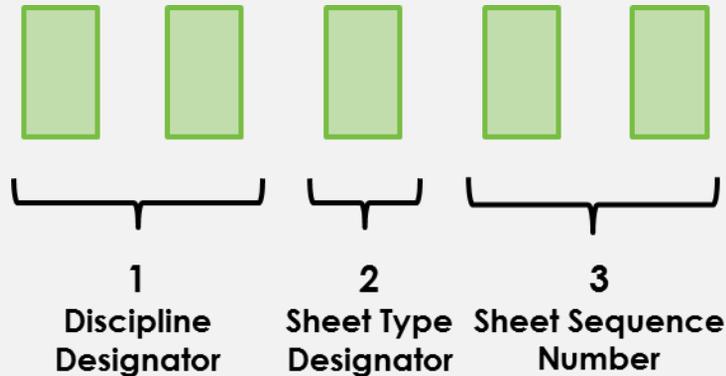


ePLAN REVIEW: NAMING YOUR DRAWING FILES USING U.S. NATIONAL CAD STANDARD



There are three data fields in a drawing file name:

- 1. Discipline Designator:** Consists of either one alphabetical character and a hyphen OR two alphabetical characters and denotes the category of subject matter contained in the file:
 - Level 1 (see pg. 3)– The more general, one-character and hyphen designator description. Ex: Architectural= A-
 - Level 2 (see pg. 4)– A more defined, two-character designator description. Ex: Architectural Demolition= AD
- 2. Sheet Type Designator (see pg. 9):** Single numerical character that identifies sheet type.
- 3. Sheet Sequence Number (see pg. 9):** Two-digit number that identifies the file in a series of the same discipline and sheet type, ranging from 01 - 99.

United States National CAD Standard Naming Conventions

Sheet Identification

3	DISCIPLINE DESIGNATORS (LEVEL 1)
4	DISCIPLINE DESIGNATORS (LEVEL 2)
9	SHEET TYPE DESIGNATORS
9	SHEET SEQUENCE NUMBER

Level 1 DISCIPLINE DESIGNATORS

Layer Name	Subject Matter
A	Architectural
B	Geotechnical
C	Civil
D	Process
E	Electrical
F	Fire Protection
G	General
H	Hazardous Materials
I	Interiors
L	Landscape
M	Mechanical
O	Operations
P	Plumbing
Q	Equipment
R	Resource
S	Structural
T	Telecommunications
V	Survey/Mapping
W	Distributed Energy
X	Other Disciplines
Z	Contractor/Shop Drawings

Level 2 DISCIPLINE DESIGNATORS

Layer Name	Subject Matter
A	Architectural
AD	Architectural Demolition
AE	Architectural Elements
AF	Architectural Finishes
AG	Architectural Graphics
AI	Architectural Interiors
AJ	User Defined
AK	User Defined
AS	Architectural Site
B	Geotechnical
BJ	User Defined
BK	User Defined
C	Civil
CD	Civil Demolition
CG	Civil Grading
CI	Civil Improvements
CJ	User Defined
CK	User Defined
CP	Civil Paving
CS	Civil Site
CT	Civil Transportation
CU	Civil Utilities
D	Process
DA	Process Airs
DC	Process Chemicals
DD	Process Demolition
DE	Process Electrical
DG	Process Gases
DI	Process Instrumentation
DJ	User Defined
DK	User Defined
DL	Process Liquids
DM	Process HPM Gases
DO	Process Oils

DP	Process Piping
DQ	Process Equipment
DR	Process Drains and Reclaims
DS	Process Site
DV	Process Vacuum
DW	Process Waters
DX	Process Exhaust
DY	Process Slurry
E	Electrical
ED	Electrical Demolition
EI	Electrical Instrumentation
EJ	User Defined
EK	User Defined
EL	Electrical Lighting
EP	Electrical Power
ES	Electrical Site
ET	Electrical Telecommunications
EY	Electrical Auxiliary Systems
F	Fire Protection
FA	Fire Detection and Alarm
FJ	User Defined
FK	User Defined
FX	Fire Suppression
G	General
GC	General Contractual
GI	General Information
GJ	User Defined
GK	User Defined
GR	General Resource
H	Hazardous Materials
HA	Hazardous Materials Asbestos
HC	Hazardous Materials Chemicals
HJ	User Defined
HK	User Defined
HL	Hazardous Materials Lead
HP	Hazardous Materials PCB
HR	Hazardous Materials Refrigerants
I	Interior

ID	Interior Demolition
IF	Interior Furnishings
IG	Interior Graphics
IJ	User Defined
IK	User Defined
IN	Interior Design
L	Landscape
LD	Landscape Demolition
LG	Landscape Graphics
LI	Landscape Irrigation
LJ	User Defined
LK	User Defined
LL	Landscape Lighting
LP	Landscape Planting
LR	Landscape Relocation
LS	Landscape Site
M	Mechanical
MD	Mechanical Demolition
MH	Mechanical HVAC
MI	Mechanical Instrumentation
MJ	User Defined
MK	User Defined
MP	Mechanical Piping
MS	Mechanical Site
O	Operations
OJ	User Defined
OK	User Defined
P	Plumbing
PD	Plumbing Demolition
PJ	User Defined
PK	User Defined
PL	Plumbing
PP	Plumbing Piping
PQ	Plumbing Equipment
PS	Plumbing Site
Q	Equipment
QA	Athletic Equipment
QB	Bank Equipment

QC	Dry Cleaning Equipment
QD	Detention Equipment
QE	Educational Equipment
QF	Food Service Equipment
QH	Hospital Equipment
QJ	User Defined
QK	User Defined
QL	Laboratory Equipment
QM	Maintenance Equipment
QP	Parking Lot Equipment
QR	Retail Equipment
QS	Site Equipment
QT	Theatrical Equipment
QV	Video / Photographic Equipment
QY	Security Equipment
R	Resource
RA	Resource Architectural
RC	Resource Civil
RE	Resource Electrical
RJ	User Defined
RK	User Defined
RM	Resource Mechanical
RR	Resource Real Estate
RS	Resource Structural
S	Structural
SB	Structural Substructure
SD	Structural Demolition
SF	Structural Framing
SJ	User Defined
SK	User Defined
SS	Structural Site
T	Telecommunications
TA	Telecommunications Audio Visual
TC	Telecommunications Clock and Program
TI	Telecommunications Intercom
TJ	User Defined
TK	User Defined
TM	Telecommunications Monitoring

TN	Telecommunications Data Networks
TT	Telecommunications Telephone
TY	Telecommunications Security
V	Survey / Mapping
VA	Survey / Mapping Aerial
VC	Survey / Mapping Computed Points
VF	Survey / Mapping Field
VI	Survey / Mapping Digital
VJ	User Defined
VK	User Defined
VN	Survey / Mapping Node Points
VS	Survey / Mapping Staked Points
VU	Survey / Mapping Combined Utilities
W	Distributed Energy
WC	Distributed Energy Civil
WD	Distributed Energy Demolition
WI	Distributed Energy Interconnection
WJ	User Defined
WK	User Defined
WP	Distributed Energy Power
WS	Distributed Energy Structural
WT	Distributed Energy Telecommunications
WY	Distributed Energy Auxiliary Systems
X	Other Disciplines
XJ	User Defined
XK	User Defined
Z	Contractor / Shop Drawings
ZJ	User Defined
ZK	User Defined

SHEET TYPE DESIGNATOR

Layer Name	Description
0	General (symbols legend, notes, etc.)
1	Plans (horizontal views and combination Plan & Profile)
2	Elevations and Profiles (vertical views)
3	Sections (sectional views, wall sections)
4	Large-Scale Views (scaled up reproductions of plans, elevations, or sections that are not details)
5	Details
6	Schedules and Diagrams
7	User Defined (for types that do not fall in other categories, including typical detail sheets)
8	User Defined (for types that do not fall in other categories)
9	3D Representations (isometrics, perspectives, photographs)

SHEET SEQUENCE NUMBER

Layer Name	Description
01 - 99	Two-digit number that identifies each sheet in a series of the same discipline and sheet type. Sequence starts with 01, followed by 02 through 99.

Examples:

A-102 = Architectural Plans Sheet 02

AS001 = Architectural Site General Sheet 01