

Sheet Identification

The sheet identification format has its roots in traditional construction drawing techniques. However, the advent of systems methods, overlay drafting, and CAD has demanded more consistency in labeling and organizing sheets. These technologies have also provided an opportunity to expand the role of the sheet identifier. Accordingly, the sheet identification format is a key part of UDS.



Discipline Designator



Sheet Type Designator



Sheet Sequence Number

A = alphabetical character

N = numerical character

Standard Sheet Identification

The sheet identification format is applicable to both manual and CAD drawing production. It is consistent, yet flexible enough for a wide range of project scopes. The UDS sheet identification format depicted here includes the following components:

- the **discipline designator**, consisting of one alphabetical character and a hyphen or two alphabetical characters.
- the **sheet type designator**, consisting of one numerical character
- the **sheet sequence number**, consisting of two numerical characters

The one- or two-character discipline designator identifies the sheet as a member of a subset. A sheet type designator that identifies the type of information on the sheet is followed by the sheet sequence number.

Recognizing the wide variance in project complexity, UDS allows two levels of sheet identification. Either of these or a combination of the two can be used to suit the project or the intended use of the drawings. Level 1 offers the simplest identification format and would be suitable for all but the most complex projects. Level 2 provides guidance for complex or special types of projects. Refer to Appendix A for examples of the two levels of sheet identification.

**Level 1 Discipline Designator****Level 2 Discipline Designator****Discipline Designator****Discipline Character****Modifier Character****A** = *alphabetical character***N** = *numerical character*

Note that the hyphen in the Level 1 discipline designator is a required place holder in the absence of the second character. The hyphen is preferred rather than a decimal point due to the use of the “dot” in electronic file names. Alternatively, an underscore may be used to replace the hyphen when a particular operating system does not accept hyphens in file names.

Δ Discipline Designator

The first component of the sheet identification format, the discipline designator, is based on the traditional system of alphabetical discipline designators, using either a single alphabetical character with a hyphen (Level 1) or two alphabetical characters (Level 2).

The discipline designator denotes the category of subject matter contained in the file or on the layer designated. A dash always follows the Level 1 discipline designator; a dash is not used when the Level 2 discipline designator is used.

Designator		Description of Suggested Name	Content
Level 1	Level 2		
-	HK		User Defined
V	-	Survey/Mapping	All or any portion of subjects included in Level 2
-	VA	Aerial	Aerial surveyed points and features
-	VF	Field	Field surveyed points and features
-	VI	Digital	Digitized points and features
-	VU	Combined Utilities	
-	VJ		User Defined
-	VK		User Defined
B	-	Geotechnical	All or any portion of subjects included in Level 2
-	BJ		User Defined
-	BK		User Defined
C	-	Civil	All or any portion of subjects included in Level 2
-	CD	Civil Demolition	Structure removal and site clearing
-	CS	Civil Site	Plats, dimension control
-	CG	Civil Grading	Excavation, grading, drainage, erosion control
-	CP	Civil Paving	Roads, driveways, parking lots
-	CI	Civil Improvements	Pavers, flagstone, exterior tile, furnishings, retaining walls, and water features
-	CT	Civil Transportation	Waterways, wharves, docks, trams, railways, people movers
-	CU	Civil Utilities	Water, sanitary sewer, storm sewer, power, communications, fiber optic, telephone, cable television, natural gas, and steam systems
-	CJ		User Defined
-	CK		User Defined