

## **CFLHD SUPPLEMENT 9.6.5-1**

### **9.6.5 STANDARD FORMAT FOR PLANS**

The purpose of this Supplement is to detail the CFLHD format, drafting standards, and organization of the plan sheets into a PS&E assembly.

Add the following to Section 9.6.5:

#### **9.6.5.1 Format**

Use the [CFLHD Sample Plan Sheets](#) as a guide.

#### **9.6.5.2 Drafting Standards**

Follow the drafting standards in the [CFLHD CADD Standards Manuals](#).

Minor deviations from these guidelines are acceptable provided basic drafting practices are followed.

##### **9.6.5.2.1 Line Work**

Follow the drafting standards in [Chapter 6](#) of the CFLHD CADD Standards Manual.

##### **9.6.5.2.2 Text**

Standard lettering sizes are shown in [Chapter 5](#) of the CFLHD CADD Standards Manual.

Use the CFLHD dimension style library as shown in [Chapter 5](#) of the CFLHD CADD Standards Manual rather than special custom terminators.

##### **9.6.5.2.3 Color**

Use the color tables as shown in [Chapter 7](#) of the CFLHD CADD Standards Manual.

Color may be used to clarify complex plan sheets. For internal CFLHD designers, use the plot drivers shown in [Chapter 7](#) of the CFLHD CADD Standards Manual.

##### **9.6.5.2.4 Levels**

Refer to [Chapter 9](#) of the CFLHD CADD Standards Manual.

##### **9.6.5.2.5 CADD File Naming Conventions**

Refer to [Chapter 3](#) of the CFLHD CADD Standards Manual.

**9.6.5.2.6 Cell Libraries**

Refer to [Chapter 8](#) of the CFLHD CADD Standards Manual.

**9.6.5.3 Organization of Plans**

Organize plan sheets to show a logical progression of the project work. Group plan sheets according to their type and give each section a sequential letter. Refer to [Chapter 3](#) of the CFLHD CADD Standards Manual.

Show all information required by the [Development Checklists](#).

The following discussion describes the content of the major sections.

**9.6.5.3.1 Title Sheet**

Use the [CFLHD Title Sheet Template](#).

**9.6.5.3.2 Conventional Plan Symbols and Abbreviations**

Use the [CFLHD Conventional Plan Symbols and Abbreviations Template](#).

**9.6.5.3.3 Typical Sections**

Use the [CFLHD Typical Section Template](#).

**9.6.5.3.4 Summary of Quantities**

Use the [CFLHD Summary of Quantities Template](#).

**9.6.5.3.5 Drainage Summary**

Use the [CFLHD Drainage Summary Template](#).

Show skew angle measured from a line perpendicular to centerline.

**9.6.5.3.6 Grading Summary and Mass Haul Diagram**

Use the [Earthwork Representation](#) technical guide and the [CFLHD Grading Summary Template](#).

**9.6.5.3.7 Miscellaneous Summaries**

Use the [CFLHD Miscellaneous Summaries Template](#).

Use a spreadsheet to create the quantity tables. Arrange the tables by increasing pay item number.

**9.6.5.3.8 Plan and Profile**

Clip plan and profile sheets according to [Chapter 19](#) of the CFLHD CADD Standards Manual.