

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 9](#) of the CFLHD CADD GEOPAK Standards Manual.