

**United States
Department of
Agriculture**

**Natural Resources
Conservation
Service**

**Engineering
Field
Handbook**

**Montana
Supplement**

**Chapter 5
(supplement)**

**Preparation of
Engineering Plans
(Example Drawings)**

Preface

Chapter 5 (supplement)

Chapter 5 (supplement), Preparation of Engineering Plans (Example Drawings), provides guidance for the preparation of engineering drawings in Montana. The emphasis is on drawings prepared for small- to medium-sized jobs prepared by the Natural Resources Conservation Service field and area office staffs.

Chapter 5 (supplement)

Preparation of Engineering Plans (Example Drawings)

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THESE EXAMPLE DRAWINGS BELOW WILL BE DEVELOPED IN THE FUTURE.

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650.500 Introduction

(a) Purpose and Scope

This supplement to Chapter 5 of the NRCS Engineering Field Handbook contains examples of good drawing technique and content for the types of jobs frequently encountered in Montana. There is always more than one acceptable way to prepare drawings for a job. This material is only meant to illustrate good technique.

(b) Background

Drawing techniques vary widely throughout Montana. Adequate quality drawings are a necessary tool in conveying information to the persons building an improvement. Good drawings give the user complete and unambiguous information about a job. They also give the user confidence in the accuracy and credibility of the design. There has been a need in Montana to have a set of good quality, practical drawings to use as examples.

650.501 Using Example Drawings

Use these drawings as a guide, not as the only way to prepare drawings. Those new to preparing drawings should try to emulate the content and style as much as possible. Modifications should be attempted only after one has adequate experience.

For types of jobs not covered by the examples, try to prepare drawings using the same general style and content.

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650.502 Example Drawings