Record Drawings Guidance for DMS Projects

The record drawings combine the relevant design construction sheets, the as-built survey and engineer markups to document deviations from design. As-built drawing sheets must bear a PLS seal. Sheets with engineer red line markups and design drawings must also include a P.E. seal.

The Record drawings support the following needs:

1. Provide a sealed record of what was constructed
2. Supports the comparison between design and construction
3. Supports the required provision of GIS features

Format:

The document “Format, and Data Requirements, for Digital Drawings Submitted to DMS” includes some requirements for the production of CAD files and provision of GIS files. Submission of electronic drawings in compliance with these formatting specifications is a requirement and essential to their utility to DMS and long term stewardship.

Title Sheet:
A. Name of project (on each sheet)
B. County (on each sheet)
C. Plan Type: (Record drawing - each sheet)
D. DMS ID Number (on each sheet)
E. USACE Action ID Number and DWR project number
F. Contract Number
G. Project plan overview with accurate, recorded conservation easement boundary
H. Latitude and Longitude at upstream start of the project (STA 0+00)
I. Vicinity inset map
J. Scale and North Arrow (each relevant sheet)
K. Index of sheets
L. Firm name and project manager contact information
M. P.E. seal with date and initials on title page and every page of Record Drawing,

Sheet 2:
A. Legend and Symbols
B. Abbreviations
C. Any special notes on changes (e.g., dropping reaches, bedrock encountered, etc.)

Sheet 3, “Key sheet”
A. Project plan overview with easement boundary and key sheet segmentation
B. Stationing (if legible) and ID of project stream reaches (and on all sheets that apply)
C. Wetland project tract numbers/ID (and on all sheets that apply)
D. The segmentation of project features (stream reaches, wetlands etc.) must reflect those of the project crediting table.
E. Limits of disturbance (and on all sheets that apply)
Sheets 4A, 4B, etc.: Record Drawing – As-built overlain on to Design
   A. Plan view with red lines to display constructed deviations with callouts as needed
   B. Profile view and cross-section overlays of both design and As-built
   C. Insert best fit centerline within surveyed channel
   D. P.E. seal on each page