

# SPS Field-To-Finish Package Contents



1. Field Files
  - a. ***SPS Topo Codes 2024\_0.fxl*** – Trimble feature code library (FXL) for boundary and topographic surveys
  - b. ***SPS Topo Codes 2024\_0.lict*** – Leica feature code library (LICT) for boundary and topographic surveys
  - c. ***SPS Field Code Book 2024\_0.pdf*** – SPS Field Code Book (Excel & PDF)
  - d. ***SPS Field Code Pocket List.pdf*** – SPS Field Code Pocket List (Excel & PDF)
2. Civil 3D Files (All Civil 3D drawings and templates are currently provided in Autodesk Civil 3D 2024 file formats)
  - a. ***SPS\_Survey\_2024\_0.dwt*** Civil 3D template for topographic design and boundary surveys
    - i. Standardized layers names and text styles per National CAD Standards (NCS) V6 guidelines
    - ii. Standardized symbols that scale with hatched backgrounds
    - iii. Standardized line types and utility colors
    - iv. Borders and Layouts for Letter (8.5x11), Ledger (11x17), Arch D (24x36) and oversized plots (22x34, 36x42 and 36x48)
    - v. Custom styles for General Labels, Points, Surfaces, Alignments, Profiles, Profile Views & Sections
  - b. ***SPS Survey.dws*** – Civil 3D standards file for checking standards on design surveys
  - c. Font files for all fonts used in SPS template
  - d. ***SPSLinetypes.lin*** – Civil 3D line type file for all lines in SPS templates
  - e. Plotter Files
    - i. Plotter configuration (CTB) files utilizing all 256 standard colors, pen weights and screening
      1. ***SPS B&W.ctb*** – All 256 color numbers plot in black
      2. ***SPS B&W-Color.ctb*** – All color numbers not ending in zero “0” plot in black, those ending in zero “0” plot in color
      3. ***SPS Color.ctb*** – All 256 color numbers plot in color
  - f. Symbol, block and line work Civil 3D drawings
    - i. ***SPS Survey Symbols & Lines.dwg*** – Civil 3D drawing depicting all description keys and figure prefixes in use
    - ii. Individual drawing files for all symbols and borders in SPS template
    - iii. Multiview blocks for scales, survey stamps and north arrows
3. Trimble Business Center (TBC) Files (All TBC templates are provided in the current TBC file formats)
  - a. ***SPS\_Survey\_2024\_0.vct*** – TBC template for design surveys. The items listed below are identical with those in the Civil 3D template.
    - i. Standardized layer names and text styles per NCS guidelines
    - ii. Standardized symbols that scale
    - iii. Standardized line types and utility colors
    - iv. Borders and Sheets for Letter (8.5x11), Ledger (11x17), Arch D (24x36) and Arch E (36x48)
4. SPS Reference Files
  - a. ***SPS Pens, Text, Linetypes.pdf*** – Exhibit depicting pen weights, text styles and line types (PDF)
  - b. ***SPS Survey Layers.pdf*** – Layer guide showing name, color, line weight, line type and description for all layers in SPS templates (PDF)
  - c. ***SPS Survey Symbols.pdf*** – Symbol guide showing all symbols in SPS templates (PDF)
  - d. ***SPS Civil 3D Field-To-Finish Setup Guide.pdf*** – Guide showing the placement of files and suggested settings for Civil 3D field-to-finish (PDF)
  - e. ***SPS Trimble Field-To-Finish Setup Guide.pdf*** – Guide showing the placement of files and suggested settings for TBC field-to-finish (PDF)