

Appendix C

Download and Use Day 2 Seminar Training Files

To download corresponding data files for the step-by-step exercises in this *Day 2 Handbook* go to www.EarthworkSoftwareServices.com then follow these steps . . .

Step 1: Click the **Resources** tab.

Step 2: On the *Resources* page, in the *Download AGTEK Seminar Training Files* paragraph, click the **File Download** link.

Note: The *Resource* pages include many other items of potential interest to AGTEK users so take a look at what's available.

The screenshot shows a web browser window displaying the 'Resources for AGTEK Software training' page on the Earthwork Software Services website. The browser's address bar shows the URL <https://www.earthworksoftwareservices.com>. The website header includes the Earthwork Software Services logo and the tagline 'Authorized AGTEK Software Training'. A navigation menu at the top contains links for SEMINARS, ABOUT, BIO, FAQ, REGISTRATION, RESOURCES (which is highlighted), KUDOS, and CONTACT. On the left side, there are buttons for 'Courses Overview', 'Data Files', and 'Order Handbooks'. The main content area is titled 'RESOURCES USEFUL LINKS' and features several sections: 'Seminar Data Files, Program Updates & Much More' with a sub-section 'Download AGTEK Seminar Handbook Training Files' containing a paragraph about downloading data files and a 'File Download page' link; 'AGTEK Software Updates' with a paragraph about software updates and a 'Latest Versions' link; 'Supplemental Site Inspection and Analysis Tools' with a paragraph about site inspection tools and a 'Site Inspection and Analysis Tools' link; 'Useful Third-Party Software' with a paragraph about third-party software and a 'Click here' link; 'Resources for AGTEK GPS Users' with a paragraph about GPS resources and a 'Click here' link; and 'Third-Party AGTEK Takeoff and Modeling Services' with a paragraph about third-party consultants and an 'AGTEK Consultants' link. A sidebar on the left contains 'LATEST NEWS & INFORMATION' with several news items and 'View FAQ' links. Arrows from the text instructions point to the 'RESOURCES' tab in the navigation menu and the 'Download AGTEK Seminar Handbook Training Files' section.

Tip: If the Earthwork Software Services site is unavailable, download the Day 2 data files from the web archive site at <https://web.archive.org/web/https://www.earthworksoftwareservices.com/resourcefiles.htm>.

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Tip: Data files for the current **2024 Post-Seminars Edition Handbooks** are listed on this page. For a past seminar season's data files click the **Older Files** sidebar button.

Lost or Outdated Seminar Handbooks? Seminar attendees can order replacements by clicking the **Order Handbooks** sidebar button.

Step 3: On the *Download Data Files* page, follow the instructions to download the **Day 2-2024.zip** file.

The screenshot shows a web browser window displaying the Earthwork Software Services website. The page title is "Resource Files for AGTEK training from Earthwork Software Services". The main content area is titled "RESOURCES AGTEK SEMINAR TRAINING FILES" and "Download Data Files for the latest 2024 Post-Seminars Edition Handbooks". It provides instructions for downloading files and lists three specific files for the latest 2024 Post-Seminars Edition Handbooks: Day 1 - Fundamentals of Site Modeling & Takeoff, Day 2 - Working with CAD, Vector PDF & Survey Data, and Day 3 - Strata, Over-Ex & Related Functions. The sidebar on the left contains navigation buttons: Resources Home, Current Files, Older Files, and Order Handbooks. Arrows from the text boxes point to the 'Older Files' button, the 'Order Handbooks' button, and the 'Day 2-2024.zip' file listing.

The **Day 2-2024.zip** file contains a **Day 2** folder with the following training files:

D2-AC.pdf – PDF reference copy of this *Appendix C* (pages 275-279).

EW3D_ESW – **[AGTEK 3D users only]** This sub-folder contains the *Day 2* ESW files saved in an older format that can be read by the *AGTEK 3D* products (*AGTEK 4D* users should not use the ESW files in this sub-folder).

QRTOC-D2.pdf – PDF reference copy of the *Day 2 Handbook's Note to Self-Paced Users* (page *i*), *Quick Reference Index* (pages 4-5), *Table of Contents* (pages 6-20) and *Typical Vector Data File Manipulation Sequence* (pages 50-51).

CADletters.doc – This MS Word .DOC file contains the text for the Pre-Bid and Contract-Award CAD File Request Letters (pages 41-42).

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PVectorPlans.pdf – This is the Pine Street PDF file that can be used as the starting point for the seminar handbook’s *Modeling with Vector Data Step-by-Step* exercise and the related PDF data handbook examples (pages 55, 75-78, 98 and *Appendix I*).

Pine Vector PDF.esw – This job file can be used with the following handbook examples: *Re-Loading PDF Plan in AGTEK 3D* (page 75), *Re-Loading PDF Plan in Earthwork 4D* (page 76), *Re-Loading PDF Plan in Gradework 4D* (page 77), *Manual PDF Realignment* (page 78) and *Geo-Reference Job File with Google Earth* (*Appendix I*).

Pine13Main.dwg – This is the Pine Street base CAD file that can be used as the starting point for the seminar handbook’s *Modeling with Vector Data Step-by-Step* exercise when using CAD data (page 80).

Pine13Exist.dwg (existing site conditions—see the **PineXRef** folder below), **Pine13StreetDetail.dwg** (street details) and **Pine13CurbDetail.dwg** (curb and gutter details) are all CAD external references to the **Pine13Main.dwg** base CAD file used in the *Modeling with Vector Data Step-by-Step* exercise (page 80) and for the *Bind External References* examples (*Appendix E*).

PineXRef – This folder contains the **Pine13Exist.dwg** file (existing site conditions) and is the “missing” CAD external reference in the *Modeling with Vector Data Step-by-Step* exercise (page 80).

Pine13Bound.dwg – (For AGTEK 3D users) This is the **Pine13Main.dwg** CAD file after binding all external references (per pages 88, 306 and 308). This file can be used to continue with the *Modeling with Vector Data Step-by-Step* exercise for those who do not have access to a CAD program or DWG TrueView.

PineCADTIN.dwg – This CAD file can be used for the seminar handbook’s *Importing CAD TIN* outtake example (page 93).

PineCADTIN.xml – (For AGTEK 4D only) This LandXML file can be used for the seminar handbook’s *Importing LandXML* example (page 94).

Pine13GradingPlan.pdf – This raster PDF copy of the grading plan can be used for the CAD verification segment of the seminar handbook’s *Modeling with Vector Data Step-by-Step* exercise (page 98).

PineOS.agt – This PNEZ text file contains the design offset data lines referenced in the *Modeling with Vector Data Step-by-Step* exercise (see Step 16, page 129).

Pine CAD Complete.esw – This AGTEK 4D job file contains all CAD-based 2D-to-3D conversions and entries corresponding to those segments of the *Modeling with Vector Data Step-by-Step* exercise (page 80); this file also includes the Perimeters, Stripping Areas, Report Regions and Sectional Areas corresponding to the *Day 1 Seminar* entries (see checklist on page 133 in this *Day 2 Handbook*). This file can be used for the State Plane coordinate translation segment of the seminar handbook’s *Modeling with Vector Data Step-by-Step* exercise (page 134).

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Pine CAD GPS.esw – This AGTEK 4D job file contains the Pine Street CAD survey data in State Plane coordinates and (if needed) it can be used for the State Plane coordinate translation segment of the seminar handbook’s *Modeling with Vector Data Step-by-Step* exercise (page 134).

Pine CAD SPCGeo.esw – This AGTEK 4D job file results from the State Plane coordinate translation and geo-referencing segments of the seminar handbook’s *Modeling with Vector Data Step-by-Step* exercise (page 134). This file can be used for the *Export Data for Google Earth* example (*Appendix D*, page 291).

Architectural.dwg – This CAD file can be used for the *Check and Adjust for Architectural Units* example (page 143) and the *Convert Architectural Units* examples (*Appendix E*).

arch-stretch.esw – This AGTEK 4D job file can be used for the Architectural scale correction outtake examples (pages 147 and 148).

Respads.dwg – This CAD file can be used for the *Data Prep for Auto Pad Utility* example (page 149).

Respads.esw – This AGTEK 4D job file contains the final elevated lot pads corresponding to the *Data Prep for Auto Pad Utility* example (page 149).

Conform10.dwg – This CAD file can be used for the *Street Model from “Conformed” Centerline* example (page 175).

Conform10.esw – This AGTEK 4D job file is the completed file corresponding to the *Street Model from “Conformed” Centerline* example (page 175).

pitfinalSCD.txt, pitfinalCD.csv, pitfinalSD.txt, pitfinalTD.txt and **pineogtopo.agt** – These sample PNEZ format text files match the handbook’s *Required Data Format* screen shots (page 196).

Pitfinal-1.csv – This file can be used for the *Borrow Pit Modeling & Volumes I* exercise (page 198).

Pit1complete.esw – This AGTEK 4D job file is the completed model file corresponding to the *Borrow Pit Modeling & Volumes I* exercise (page 198).

Pitoriginal.csv and **pitfinal.csv** – These PNEZ text files can be used for the *Borrow Pit Modeling & Volumes II* exercise (page 205).

Pit2complete.esw – This AGTEK 4D job file is the completed model file corresponding to the *Borrow Pit Modeling & Volumes II* exercise (page 205).

Estates Takeoff.esw, Estates_RTK_topo_08-02.csv and **Estates GE 2017-02-15.jpg** – This AGTEK 4D job file, and the associated CSV text file and JPG image file, can be used for the *Quantify and Document Bid Topo Update* exercise (page 218).

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Estates Topo Update.esw – This AGTEK 4D job file is the completed model file corresponding to the *Quantify and Document Bid Topo Update* exercise (page 218).

LEV_W_XSEC.csv – This PNEZ text file can be used for the *Cross-Section Data Modeling Problem* exercise (page 235).

LEV_W_XSEC-Complete.esw – This AGTEK 4D job file is the completed model file corresponding to the *Cross-Section Data Modeling Problem* exercise (page 235).

ShortcutKeysD2.pdf – PDF reference copy of the keyboard shortcuts (*Appendix B*).

Pine CAD SPCGeo.kmz – (For AGTEK 4D users) This is the file resulting from the *Export Data for Google Earth* example (*Appendix D*, page 291).

WebLinksD2.pdf – PDF reference copy of the web resources catalog in *Appendix F* (includes a clickable hypertext link for each resource).

Pine Dgtzd (0,0).esw*, *Pine Exist Topo Rev.dwg* and *Pine Exist Topo GPS.dwg – This AGTEK 4D job file and the two DWG CAD files can be used with the *Horizontal Translations* exercises (*Appendix G*).

spottopo.dwg – This CAD file can be used for the *CAD Spot Elevation Topo* example (*Appendix H*).

spottopo.esw – This AGTEK 4D job file is the completed model file corresponding to the *CAD Spot Elevation Topo* example (*Appendix H*).

Line Measure.kmz – (For AGTEK 4D users) This file contains two site location points exported from Google Earth, which can be used to geo-reference the AGTEK 4D job file in the *Geo-Reference Job File with Google Earth* example (*Appendix I*).

DraftingTools.esw – This AGTEK 4D job file can be used as the starting point for the *Conceptual Modeling Exercise* (*Appendix J*).

CG.typ* and *Basin.typ – These AGTEK 4D template files can be used with the *Conceptual Modeling Exercise* (*Appendix J*).

DraftingTools (SG-SR)-1.jpg – This cut-fill colors background image file is generated/displayed by *Gradework 4D* in the *Conceptual Modeling Exercise* (*Appendix J*).

DraftingToolsComplete.esw – This AGTEK 4D job file includes the conceptual grading model created in the *Conceptual Modeling Exercise* (*Appendix J*).