ALTA-Plot CAD Bridge

Vicinity map

Revised ALTA-Plot update: altaplot-tools-update-2026-11-04

Use the native CAD Bridge to open ALTA-Plot tools from supported CAD hosts, transfer a complete arranged commitment sheet to a separate drawing, or place one selected text section directly into an existing paperspace layout. The commands open ALTA-Plot tools; they do not run an export or change a drawing by themselves.

Open CAD Bridge page

Support: admin@title-plot.com

Install and connect

1. Sign in to ALTA-Plot, open a project, and make sure its saved commitment, subject descriptions, Table A facts, and any real vicinity-map source are ready. CAD Bridge controls live in Project > CAD.

2. For a new installation, download and run the base Windows installer. The base installer is an older paperspace-sections build; apply the separate ALTA-Plot update ZIP afterward to receive the refreshed binaries and menu. The update ZIP is not a complete installer.

3. Before applying the update, close all CAD processes and back up the existing plugin DLLs. Keep the existing installation, private FIPS catalog, configuration, and other resources. Copy only the matching host build files into the existing plugin DLL directory; do not overwrite unrelated resources or install multiple host builds together.

4. Choose the matching update folder: Modern-net8 for AutoCAD/Civil 3D .NET 8 hosts; Legacy-net472 for legacy .NET Framework AutoCAD/Civil 3D hosts; Carlson-IntelliCAD-net48 for Carlson 2025 / IntelliCAD 12.1. Carlson running on AutoCAD uses the matching AutoCAD build. AutoCAD 2027 .NET 10 is source-only; no prebuilt .NET 10 DLL is included.

5. Copy the supplied menu/LegalPlotBridge.cuix over the existing installed CUIX, then reload the partial menu with CUILOAD or MENULOAD as appropriate. Start CAD using the existing installation/loading method. Ensure the Windows WebView2 Runtime is available.

6. Launch the site using LEGALPLOTAPPALTA or an ALTA-Plot menu/ribbon command. This opens https://alta-plot.com and uses the ALTA-Plot browser profile, not Title-Plot. On AutoCAD/Civil 3D, the ALTA-Plot tools appear in the native ribbon and menu; Carlson/IntelliCAD provides the pull-down menu and command line, not Autodesk's runtime ribbon.

Vicinity map

ALTAPLOTVICINITY

Review the real project vicinity map used in the commitment sheet arrangement.

Where to find it in the SaaS

Project > CAD > Vicinity map routes to Project > Vicinity Map. Review the actual project map and its source there; return to Project > CAD > Combined sheet to verify the positioned map before PDF/DWG output.

Open this tool in ALTA-Plot

Steps

1. Choose Vicinity map in the ALTA-Plot tools to open Project > Vicinity Map.

2. Confirm that the displayed map represents the actual project location and that its source is available.

3. Return to Project > CAD > Combined sheet. Check the map in the sheet preview before choosing Download PDF, Download DWG package, or Send sheet to CAD.

Output and CAD behavior

The actual project vicinity image is positioned in the arranged sheet and supplied with the separate DWG where available.

Before using this function

- A map requires actual project location/source data; the tool does not create a plausible-looking substitute.

- If the real map cannot be loaded, the sheet reports the missing source rather than silently omitting it.

- Downloaded DWG packages require their companion image files to remain together.

Host support and transfer details

- The base installer at /api/cad-bridge/installer and base ZIP at /api/cad-bridge/package are older paperspace-sections builds. Apply the separate refreshed ALTA-Plot update ZIP at /api/cad-bridge/update to an existing installation; it is an update, not a complete installer.

- The update ZIP contains refreshed Modern (.NET 8), Legacy (.NET Framework 4.7.2), and Carlson (.NET Framework 4.8) host binaries and the menu CUIX. Preserve the existing installation and its supporting resources, back up old DLLs, close CAD first, and copy only the matching host files. Do not overwrite unrelated resources or combine host builds.

- The .NET 10 AutoCAD 2027 target is source-only. No prebuilt AutoCAD 2027 DLL is provided. No Windows CAD host acceptance or runtime testing is claimed.

- AutoCAD and Civil 3D use the native ALTA-Plot ribbon and menu. Carlson on IntelliCAD uses the ALTA-Plot pull-down menu and command line; its adapter does not implement Autodesk's managed runtime ribbon API. Carlson running on AutoCAD uses the matching AutoCAD build.

- Direct selected-linework insertion into the active drawing is supported by the AutoCAD-based bridge only. Carlson/IntelliCAD can receive transferred DWG output instead.

- Direct selected-section MTEXT inserts one selected source section as editable MTEXT in a selected layout of the active existing drawing. The matching updated Carlson/IntelliCAD host advertises the paperspace and paperspace-sections capabilities and includes the Teigha/IntelliCAD drawing adapter for MTEXT. This support is based on the source capability/adapter; Windows CAD host execution has not been verified. MTEXT does not generate a DWG or merge plotted linework. Its default text height is 0.10 inches and can be adjusted; placement uses the selected layout's paper units. It does not automatically shrink text to fit.

- The complete commitment sheet transfer opens a separate drawing, not the active layout. It includes editable text plus the positioned vicinity image and supplied template companion images when available. Preserve the extracted/downloaded DWG and image companions together.

- Direct MTEXT does not silently omit missing exception or subject wording; the app blocks insertion if required saved source wording is missing. It also stops above its explicit 500,000-character limit and directs the user to the paperspace DWG export. The complete-sheet output validates full source wording and fit rather than silently truncating it.

- The arranged sheet is ARCH D, 36 x 24 inches landscape. Its optional template must be a user-supplied compatible 36 x 24 inch layout. Table A includes saved facts and available research, but is not a completed survey certification. A vicinity map requires an actual project map/source; the bridge does not invent one.

- Bridge transfer health/capability checks are required before native operations. If a native send times out or its result is uncertain, inspect the CAD host before acknowledging another send; operations are not automatically retried.

Download locations

Sign in to ALTA-Plot before downloading packages. These downloads do not grant access to project data.

Base Windows installer (apply the update afterward)

Base ZIP (earlier paperspace-sections release)

Current ALTA-Plot DLL/menu update ZIP

The update ZIP is not a complete installer. The .NET 10 target is source-only. Windows CAD host execution has not been verified.

If a native result is uncertain, inspect CAD before another send. Do not replay an unconfirmed insertion.