In Helios 3D Palette text scaling issue

This article describes how to avoid Helios 3D palette display issues as displayed in the two following pictures.

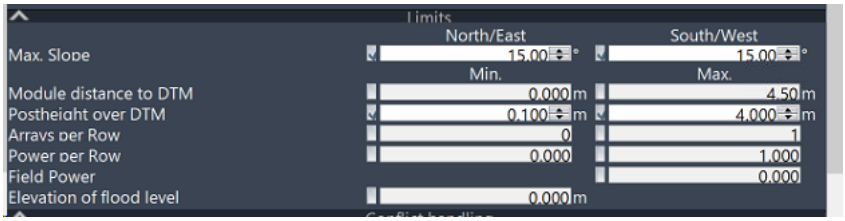


Figure 1: Bottom of input fields cut off

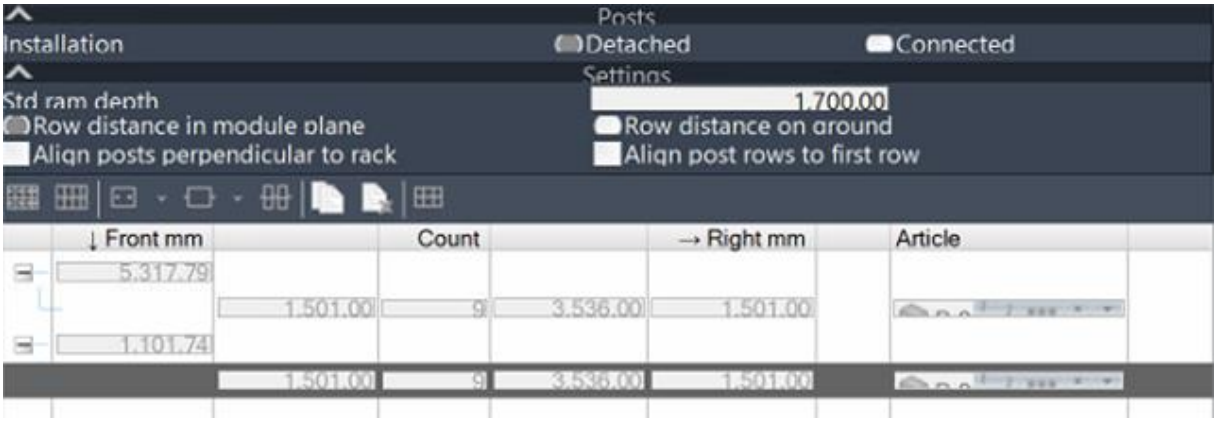


Figure 2: Fields unreadable due to bad field height scaling

The problem is that Civil 3D or AutoCAD interferes with the system text scaling.

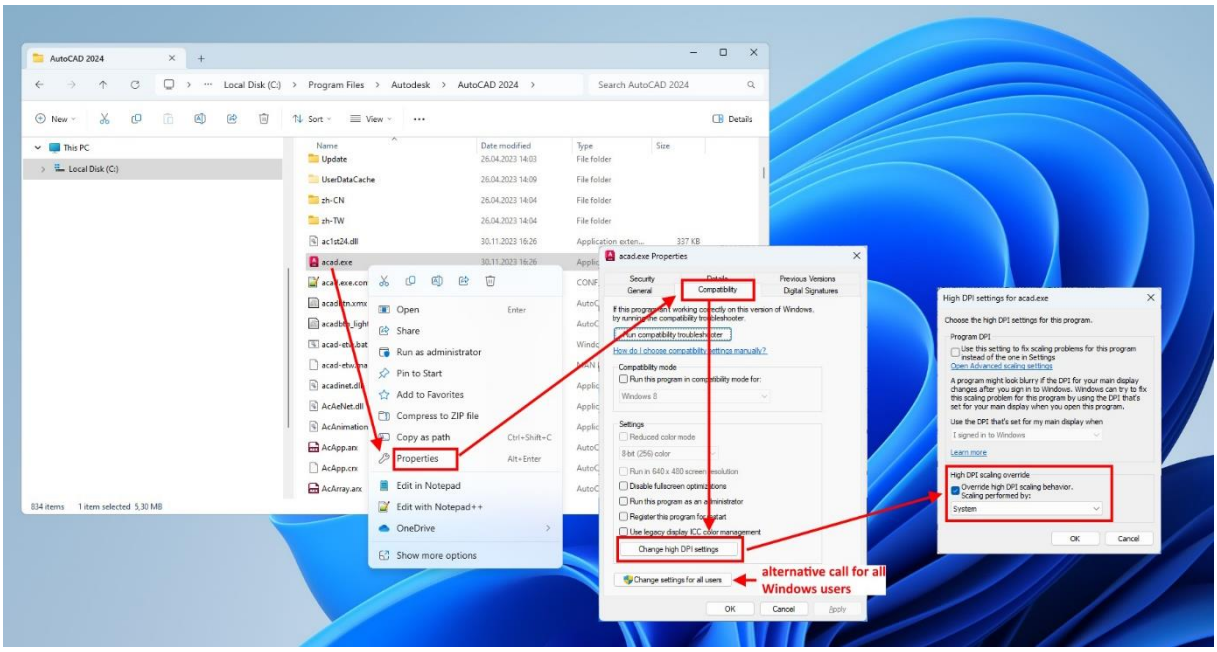
The solution is to disable AutoCAD DPI scaling:

1. Right-click the AutoCAD shortcut or the *acad.exe* program file and choose *Properties*.
2. Under the *Compatibility* tab, enable one of these options:

   - Enable *Disable Display Scaling On High DPI*.

   - Click "Change high DPI settings" and then enable *Override high DPI scaling behavior. Scaling performed by: System*.

In the below picture we show the steps and dialogue order in a single picture.


AutoCAD 2024
Local Disk (C:) › Program Files › Autodesk › AutoCAD 2024 ›
Search AutoCAD 2024
New
Sort
View
Details
This PC
Local Disk (C:)
Name
Date modified
Type
Size
Update
UserDataCache
zh-CN
zh-TW
ac1st24.dll
acad.exe
Open
Enter
Share
Run as administrator
Pin to Start
Add to Favorites
Compress to ZIP file
Copy as path
Ctrl+Shift+C
Properties
Alt+Enter
Edit in Notepad
Edit with Notepad++
OneDrive
Show more options
834 items
1 item selected 5,30 MB
acad.exe Properties
Security
Details
Previous Versions
General
Compatibility
Digital Signatures
Run compatibility troubleshooter
How do I choose compatibility settings manually?
Compatibility mode
Run this program in compatibility mode for:
Windows 8
Settings
Reduced color mode
8-bit (256) color
Run in 640 x 480 screen resolution
Disable fullscreen optimizations
Run this program as an administrator
Register this program for restart
Use legacy display ICC color management
Change high DPI settings
Change settings for all users
OK
Cancel
Apply
alternative call for all Windows users
High DPI settings for acad.exe
Choose the high DPI settings for this program.
Program DPI
Use this setting to fix scaling problems for this program instead of the one in Settings
Open Advanced scaling settings
A program might look blurry if the DPI for your main display changes after you sign in to Windows. Windows can try to fix this scaling problem for this program by using the DPI that's set for your main display when you open this program.
Use the DPI that's set for my main display when
I signed in to Windows
Learn more
High DPI scaling override
Override high DPI scaling behavior.
Scaling performed by:
System
OK
Cancel