



**US Army Corps
of Engineers®**
Engineer Research and
Development Center

Master Guide Documentation

US ARMY CORPS OF ENGINEERS CIVIL ENGINEERING STANDARDS FOR CIVIL 3D

Standards based on the Autodesk Civil 3D® 2022 Software

Manual: USACE Civil 3D 2022 Standards Workstation
Setup Instructions

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1 Contents

US ARMY CORPS OF ENGINEERS CIVIL ENGINEERING STANDARDS FOR CIVIL 3D	1
1 CONTENTS.....	2
2 OVERVIEW	3
3 ACCESSING STANDARDS FROM A U:\ DRIVE	4
3.1 INTRODUCTION.....	4
3.2 ESTABLISH A U: DRIVE	4
3.3 IMPORT CUSTOM USACE PROFILE.....	4
3.4 CHANGE/SET THE PIPE NETWORK CATALOG PATHS	5
3.4.1 Gravity Pipe Network Catalog	5
3.4.2 Pressure Pipe Network Catalog	5
3.5 LOAD THE CUSTOM SURVEY USER SETTINGS (SURVEYORS ONLY)	5
3.6 ADD CUSTOM DESKTOP SHORTCUT	6
4 ACCESSING STANDARDS FROM A LOCAL DRIVE (C:\PROGRAM DATA)	7
4.1 INTRODUCTION.....	7
4.2 COPY THE STANDARDS FOLDER TO THE HARD DRIVE	7
4.3 IMPORT CUSTOM USACE PROFILE FOR HARD DRIVE	7
4.4 CHANGE/SET THE PIPE NETWORK CATALOG PATHS	8
4.4.1 Gravity Pipe Network Catalog	8
4.4.2 Pressure Pipe Network Catalog	8
4.5 LOAD THE CUSTOM SURVEY USER SETTINGS (SURVEYORS ONLY)	8
4.6 ADD CUSTOM DESKTOP SHORTCUT	9
5 ACCESSING STANDARDS FROM NETWORK/LETTER DRIVE THAT IS NOT U:\.....	10
5.1 INTRODUCTION.....	10
5.2 COPY THE STANDARDS FOLDER TO THE DESIRED LOCATION	10
5.3 UPDATE AUTOCAD USER PROFILE(S)	10
5.4 CHANGE/SET THE PIPE NETWORK CATALOG PATHS	12
5.4.1 Gravity Pipe Network Catalog	12
5.4.2 Pressure Pipe Network Catalog	12
5.5 LOAD AND UPDATE THE CUSTOM SURVEY USER SETTINGS (SURVEYORS ONLY)	12
5.6 ADD CUSTOM DESKTOP SHORTCUT	14
6 ACCESSING STANDARDS FROM A DIFFERENT LOCAL DRIVE FOLDER	15
6.1 INTRODUCTION.....	15
6.2 COPY THE STANDARDS FOLDER TO THE HARD DRIVE	15
6.3 UPDATE AUTOCAD USER PROFILE(S)	15
6.4 CHANGE/SET THE PIPE NETWORK CATALOG PATHS	17
6.4.1 Gravity Pipe Network Catalog	17
6.4.2 Pressure Pipe Network Catalog	17
6.5 LOAD AND UPDATE THE CUSTOM SURVEY USER SETTINGS (SURVEYORS ONLY)	17
6.6 ADD CUSTOM DESKTOP SHORTCUT	19

This document describes the steps necessary to establish the use of USACE's Civil 3D 2022 Standards packet. It is broken down into three sections based on where the USACE Standards are stored.

- Accessing Standards from a U: drive (recommended)
- Accessing Standards from a local drive (C:\Program Data)
- Accessing Standards from a Network drive (letter/location other than U:)

3.1 Introduction

The recommended method for accessing the USACE Civil 3D 2022 standards is through the use of a mapped drive using the letter U:\. The main “USACE Civil 3D 2022 Standards” folder should be placed directly under this location.

3.2 Establish a U: Drive

Note: This may require IT approval and/or assistance.

In order to establish a clean location for saving and working with the USACE standards, it is necessary to set up a mapped drive letter wherever the files are stored. As mentioned above, the recommended drive letter is U:\. Follow the steps below to download the standards files and establish this drive:

1. Download “USACE Civil 3D 2022 Standards.zip” file
2. Unzip the entire folder to a shared location with adequate hard drive space (approx. 400MB).
3. Open Windows Explorer
4. On the left-hand side, choose “This PC”.
5. From the “Computer” tab of the ribbon, choose “Map Network Drive”.
6. In the next dialog, set the drive letter to U:
7. Use the “Browse” button to browse to the location where the standards are saved. Make sure to point to the level in which the “USACE Civil 3D 2020 Standards” folder is stored.
8. Click “OK”.

3.3 Import Custom USACE Profile

Custom Profiles have been established which point to USACE standard search paths, templates, and customizations files that correspond to USACE’s newly updated standards. There are 2 Profiles to choose from:

- USACE - Civil 3D 2022 – Imperial
- USACE - Civil 3D 2022 - Metric

To access and use one of these Profiles, follow the steps below:

Note: These Profiles will only work correctly if the standards drive letter chosen in the previous section is U: and the path is “U:\USACE Civil 3D 2020 Standards”

1. Launch AutoCAD Civil 3D 2022 – Imperial using the standard icon on the desktop or the Start menu.
2. At the **Command Line**, type in “OP” and hit <Enter>.
3. On the Profiles tab of the Options dialog, click the “Import” button.
4. Navigate to “U:\USACE Civil 3D 2022 Standards\Support Files” and choose the desired ARG File.
5. When asked for the name of the Profile, leave the default value and click “OK”
6. Make sure the newly imported Profile is selected and click “Set Current.”
7. Click “OK” to close the dialog box (but leave Civil 3D open for future steps).

3.4 Change/Set the Pipe Network Catalog Paths

USACE's Pipe Network and Pressure Network Catalogs have been customized to include many of the required sizes and shapes for Storm, Sanitary, and Water modeling in Civil 3D. These custom catalogs are stored with the rest of USACE's Civil 3D Standards in the USACE Civil 3D 2022 Standards folder structure. To ensure that these custom catalogs are used by Civil 3D, perform the following steps:

3.4.1 Gravity Pipe Network Catalog

1. While still in Civil 3D, on the "Home" tab of the **Ribbon**, locate the "Create Design" panel, click ▼ to expand the panel, and choose "Set Pipe Network Catalog."
2. In the dialog that appears, make sure the Catalog Folder is set to "U:\USACE Civil 3D 2022 Standards\Pipes Catalog\". If it is not, hit the Browse button and navigate to this folder.
3. If not already set, use the drop-downs to set the Pipe Catalogs to the desired values (Imperial or Metric).
4. Click "OK" to save the settings and close the dialog box.

3.4.2 Pressure Pipe Network Catalog

1. While still on the "Home" tab of the **Ribbon**, go back to the "Create Design" panel, click ▼ to expand the panel again, and choose "Set Pressure Network Catalog".
2. In the dialog that appears, make sure the Catalog Folder is set to "U:\USACE Civil 3D 2022 Standards\Pressure Pipes Catalog\". If it is not, hit the Browse button and navigate to this folder.
3. If not already set, use the drop-down to select the desired database (Imperial or Metric).
4. Click "OK" to save the settings and close the dialog box.

3.5 Load the Custom Survey User Settings (Surveyors Only)

To ensure that all Survey databases use the correct units, custom Figure Prefix Database, and custom Linework Code Set, two Survey Database Settings files have been created (one Imperial and one Metric) that can be used every time a new Survey Database is created. These files are stored under the Standards folder structure, along with other important Survey customizations such as the Figure Prefix Database and the Linework Code Set. Additional files for the Survey User Settings that point to these paths have been created for imperial and metric. Follow the instructions below to load the appropriate settings files:

1. In the "Survey" tab of the **Toolspace**, click on the Survey Users Settings  button.
2. In the "Survey User Settings" dialog, click on the Import Settings  button.
3. Browse to "U:\USACE Civil 3D 2022 Standards\Survey" and choose "USACE Imperial Survey User Settings.usr_set" or "USACE Metric Survey User Settings.usr_set"
4. Click "OK" to close the "Survey User Settings" dialog.

Note: Each user will need to go through the process of pointing Civil 3D's Survey "Working Folder" to the current project folder.

3.6 Add Custom Desktop Shortcut

As mentioned above, there are 2 Profiles that have been created that point Civil 3D to the appropriate custom file locations. To prevent the users from having to switch from the default Profile to their custom Profile every time they launch the program, custom desktop icons have been created that will automatically do this step for them. To ensure that these icons are available to the users on their computers, follow these steps:

NOTE: This step can only be accomplished after the instructions in the “Import Custom USACE Profile” section above have been completed.

1. Open Windows Explorer and navigate to “U:\USACE Civil 3D 2022 Standards\Support Files”. From this folder copy either “USACE - Civil 3D 2022 - Imperial” or “USACE - Civil 3D 2022 - Metric” and paste it to the user’s Desktop
NOTE: This shortcut will need to be edited if the default Civil 3D installation path is not used.
2. Delete any pre-existing Civil 3D 2022 application shortcuts from the user’s Desktop.
3. Double-click on the new icon to launch Civil 3D 2022 and make sure the correct Profile has been loaded.

4.1 Introduction

When users are working remotely or in a location where internet/VPN is not available, they need the ability to access the standards from their hard drives. A set of Profiles and custom icons has been established for this purpose that will setup Civil 3D 2022 to point to the USACE standards stored under “C:\Program Data\”. For this to work correctly, the main “USACE Civil 3D 2022 Standards” folder should be placed directly under this location.

4.2 Copy the Standards Folder to the Hard Drive

Note: This may require IT approval and/or assistance.

In order to establish a clean location for saving and working with the USACE standards that does not create overly long file paths and names, the standards will need to be stored directly under the “C:\Program Data\” folder.

1. Download “USACE Civil 3D 2022 Standards.zip” file
2. Unzip the entire folder directly to the “C:\Program Data” folder. This should result in the following path for the standards:
 - C:\Program Data\USACE Civil 3D 2022 Standards\

4.3 Import Custom USACE Profile for Hard Drive

Custom Profiles have been established which point to USACE standard search paths, templates, and customizations files that correspond to USACE’s newly updated standards. There are 2 Profiles to choose from that contain paths to the hard drive location listed above:

- USACE - Civil 3D 2022 – Imperial (Hard Drive)
- USACE - Civil 3D 2022 – Metric (Hard Drive)

To access and use one of these Profiles, follow the steps below:

Note: These Profiles will only work correctly if the standards are stored in the exact location listed above with a path of “C:\Program Data\USACE Civil 3D 2022 Standards”

1. Launch AutoCAD Civil 3D 2022 – Imperial using the standard icon on the desktop or the Start menu.
2. At the **Command Line**, type in “OP” and hit <Enter>.
3. On the Profiles tab of the Options dialog, click the “Import” button.
4. Navigate to “C:\Program Data\USACE Civil 3D 2022 Standards\Support Files” and choose the desired ARG File.
5. When asked for the name of the Profile, leave the default value and click “OK”.
6. Make sure the newly imported Profile is selected and click “Set Current.”
7. Click “OK” to close the dialog box (but leave Civil 3D open for future steps).

4.4 Change/Set the Pipe Network Catalog Paths

USACE's Pipe Network and Pressure Network Catalogs have been customized to include many of the required sizes and shapes for Storm, Sanitary, and Water modeling in Civil 3D. These custom catalogs are stored with the rest of USACE's Civil 3D Standards in the USACE Civil 3D 2022 Standards folder structure. To ensure that these custom catalogs are used by Civil 3D, perform the following steps:

4.4.1 Gravity Pipe Network Catalog

1. While still in Civil 3D, on the "Home" tab of the **Ribbon**, locate the "Create Design" panel, click ▼ to expand the panel, and choose "Set Pipe Network Catalog."
2. In the dialog that appears, make sure the Catalog Folder is set to "C:\Program Data\USACE Civil 3D 2022 Standards\Pipes Catalog\". If it is not, hit the Browse button and navigate to this folder.
3. If not already set, use the drop-downs to set the Pipe Catalogs to the desired values (Imperial or Metric).
4. Click "OK" to save the settings and close the dialog box.

4.4.2 Pressure Pipe Network Catalog

1. While still on the "Home" tab of the **Ribbon**, go back to the "Create Design" panel, click ▼ to expand the panel again, and choose "Set Pressure Network Catalog".
2. In the dialog that appears, make sure the Catalog Folder is set to "C:\Program Data\USACE Civil 3D 2022 Standards\Pressure Pipes Catalog\". If it is not, hit the Browse button and navigate to this folder.
3. If not already set, use the drop-down to select the desired database (Imperial or Metric).
4. Click "OK" to save the settings and close the dialog box.

4.5 Load the Custom Survey User Settings (Surveyors Only)

To ensure that all Survey databases use the correct units, custom Figure Prefix Database, and custom Linework Code Set, two Survey Database Settings files have been created (one Imperial and one Metric) that can be used every time a new Survey Database is created. These files are stored under the Standards folder structure, along with other important Survey customizations such as the Figure Prefix Database and the Linework Code Set. Additional files for the Survey User Settings that point to these paths have been created for imperial and metric. Follow the instructions below to load the appropriate settings files:

1. In the "Survey" tab of the **Toolspace**, click on the Survey Users Settings  button.
2. In the "Survey User Settings" dialog, click on the Import Settings  button.
3. Browse to "C:\Program Data\USACE Civil 3D 2022 Standards\Survey" and choose "USACE Imperial Survey User Settings – Hard Drive.usr_set" or "USACE Metric Survey User Settings – Hard Drive.usr_set".
4. Click "OK" to close the "Survey User Settings" dialog.

Note: Each user will need to go through the process of pointing Civil 3D's Survey "Working Folder" to the current project folder.

4.6 Add Custom Desktop Shortcut

As mentioned above, there are 2 Profiles that have been created that point Civil 3D to the appropriate custom file locations. To prevent the users from having to switch from the default Profile to their custom Profile every time they launch the program, custom desktop icons have been created that will automatically do this step for them. To ensure that these icons are available to the users on their computers, follow these steps:

NOTE: This step can only be accomplished after the instructions in the “Import Custom USACE Profile” section above have been completed.

1. Open Windows Explorer and navigate to “C:\Program Data\USACE Civil 3D 2022 Standards\Support Files”. From this folder copy either “USACE - Civil 3D 2022 – Imperial (Hard Drive)” or “USACE - Civil 3D 2022 – Metric (Hard Drive)” and paste it to the user’s Desktop.
NOTE: This shortcut will need to be edited if the default Civil 3D installation path is not used.
2. Delete any pre-existing Civil 3D 2022 application shortcuts from the user’s Desktop.
3. Double-click on the new icon to launch Civil 3D 2022 and make sure the correct Profile has been loaded.

5.1 Introduction

Occasionally, there are times when the use of a U:\ drive letter is not feasible. If this occurs, the standards will have to be stored in a different location and/or with a different drive letter, and Civil 3D will have to be set up to point to this.

5.2 Copy the Standards Folder to the Desired Location

Note: This may require IT approval and/or assistance.

Make sure to establish a clean location for saving and working with the USACE standards that does not create overly long file paths and names.

1. Download "USACE Civil 3D 2022 Standards.zip" file
2. Unzip the entire folder directly to the desired location.
3. Establish the desired drive letter (ex S:\) to point to the location that contains the main "USACE Civil 3D 2022 Standards" folder. For example, if the chosen drive letter is S:, then the path should eventually be S:\USACE Civil 3D 2022 Standards.

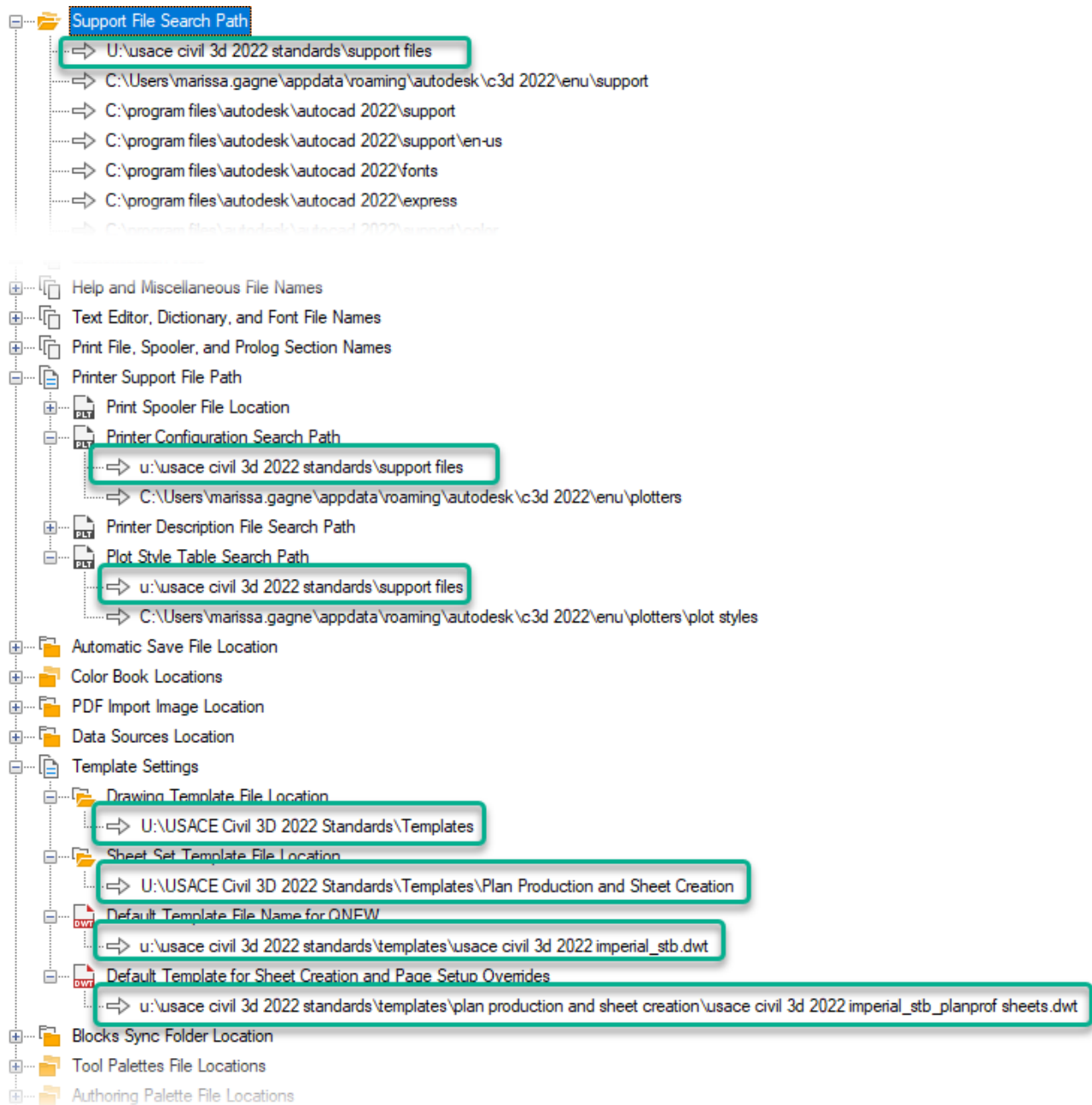
5.3 Update AutoCAD User Profile(s)

Custom Profiles have been established which point to USACE standard search paths, templates, and customizations files that correspond to USACE's newly updated standards. These Profiles are currently available for use with a U: drive or C:\Program Data\ path. These Profiles must be updated to match the corresponding paths on the desired drive letter. The easiest way to accomplish this is to import the current Profile that points to the U:\ drive, save it with a new name, then edit it. There are two Profiles that are currently available for initial import:

- USACE - Civil 3D 2022 – Imperial
- USACE - Civil 3D 2022 - Metric

To access and edit one of these Profiles, follow the steps below:

1. Launch AutoCAD Civil 3D 2022 – Imperial using the standard icon on the desktop or the Start menu.
2. At the **Command Line**, type in "OP" and hit <Enter>.
3. On the Profiles tab of the Options dialog, click the "Import" button.
4. Navigate to the chosen location (Ex: S:\USACE Civil 3D 2022 Standards) and under the "Support Files" folder, choose the desired ARG File.
5. When asked for the name of the Profile, type in a desired value for the new Profile to be created.
6. Make sure the newly imported Profile is selected and click "Set Current."
7. On the "Files" tab of the dialog, locate the paths highlighted below and change each one to point to the new location:



8. Hit the “Apply” button on the bottom of the dialog.
9. On the “Profiles” tab, click the “Export” button.
10. Set the desired Name and location to save the ARG file. This file can then be imported to any other machine to automatically set these new, desired paths.
11. Click “OK” to close the dialog box (but leave Civil 3D open for future steps).

5.4 Change/Set the Pipe Network Catalog Paths

USACE's Pipe Network and Pressure Network Catalogs have been customized to include many of the required sizes and shapes for Storm, Sanitary, and Water modeling in Civil 3D. These custom catalogs are stored with the rest of USACE's Civil 3D Standards in the USACE Civil 3D 2022 Standards folder structure. To ensure that these custom catalogs are used by Civil 3D, perform the following steps:

5.4.1 Gravity Pipe Network Catalog

1. While still in Civil 3D, on the "Home" tab of the **Ribbon**, locate the "Create Design" panel, click ▼ to expand the panel, and choose "Set Pipe Network Catalog."
2. In the dialog that appears, make sure the Catalog Folder is set to point to the "Pipes Catalog" folder under the main folder structure (Ex: S:\USACE Civil 3D 2022 Standards\Pipes Catalog\). If it is not, hit the Browse button and navigate to this folder.
3. If not already set, use the drop-downs to set the Pipe Catalogs to the desired values (Imperial or Metric).
4. Click "OK" to save the settings and close the dialog box.

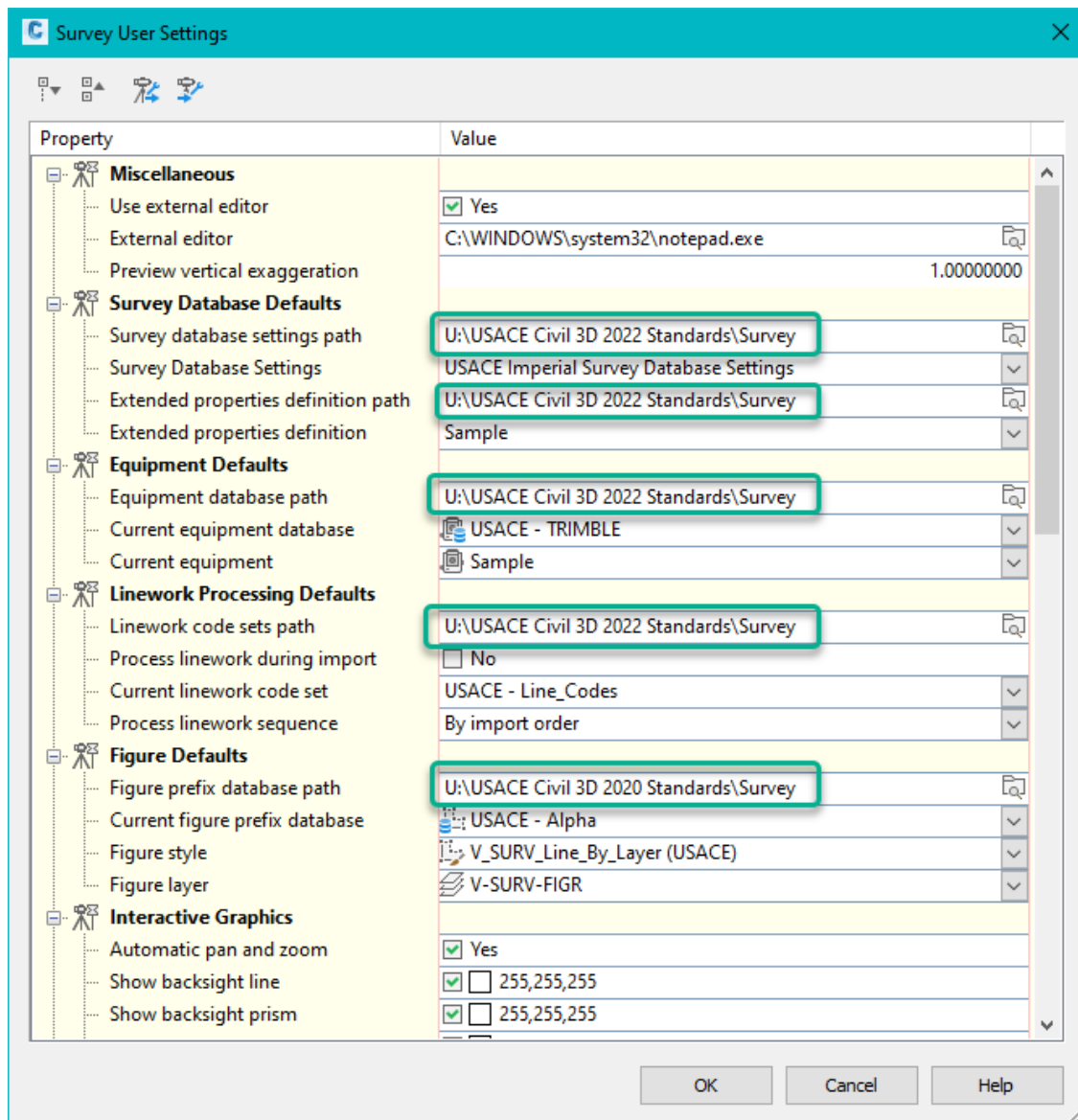
5.4.2 Pressure Pipe Network Catalog

1. While still on the "Home" tab of the **Ribbon**, go back to the "Create Design" panel, click ▼ to expand the panel again, and choose "Set Pressure Network Catalog".
2. In the dialog that appears, make sure the Catalog Folder is pointing to the "Pressure Pipes Catalog" folder under the main folder structure (Ex: S:\USACE Civil 3D 2022 Standards\Pressure Pipes Catalog\). If it is not, hit the Browse button and navigate to this folder.
3. If not already set, use the drop-down to select the desired database (Imperial or Metric).
4. Click "OK" to save the settings and close the dialog box.

5.5 Load and Update the Custom Survey User Settings (Surveyors Only)

To ensure that all Survey databases use the correct units, custom Figure Prefix Database, and custom Linework Code Set, two Survey Database Settings files have been created (one Imperial and one Metric) that can be used every time a new Survey Database is created. These files are stored under the Standards folder structure, along with other important Survey customizations such as the Figure Prefix Database and the Linework Code Set. Additional files for the Survey User Settings that point to these paths have been created for imperial and metric. Follow the instructions below to load and updated the appropriate settings files:

1. In the "Survey" tab of the **Toolspace**, click on the Survey Users Settings  button.
2. In the "Survey User Settings" dialog, click on the Import Settings  button.
3. Browse to "C:\Program Data\USACE Civil 3D 2022 Standards\Survey" and choose "USACE Imperial Survey User Settings usr_set" or "USACE Metric Survey User Settings usr_set."
4. In the dialog, locate the paths highlighted below and change each one to point to the new location:



5. Back at the top of the dialog, click the “Export”  button.
6. In the dialog that appears, browse to the desired location, establish the desired file name, then hit “Save”. This file can then be imported to any other machine to automatically set these new, desired paths.
7. Click “OK” to close the “Survey User Settings” dialog.

Note: Each user will need to go through the process of pointing Civil 3D’s Survey “Working Folder” to the current project folder.

5.6 Add Custom Desktop Shortcut

As mentioned above, Civil 3D uses Profiles to point to the appropriate custom file locations. To prevent the users from having to switch from the default Profile to their custom Profile every time they launch the program, custom desktop icons have been created that will automatically do this step for them. To ensure that these icons are available to the users on their computers, follow these steps:

NOTE: This step can only be accomplished after the instructions in the “Update AutoCAD User Profile” section above have been completed.

1. Open Windows Explorer and navigate to the “<chosen drive letter>:\USACE Civil 3D 2022 Standards\Support Files”. From this folder copy either “USACE - Civil 3D 2022 - Imperial” or “USACE - Civil 3D 2022 - Metric” and paste it to the user’s Desktop
NOTE: This shortcut will need to be edited if the default Civil 3D installation path is not used.
2. Delete any pre-existing Civil 3D 2022 application shortcuts from the user’s Desktop.
3. Right-click on the newly added icon and choose “Properties”.
4. In the dialog that appears, in the “Target” box, locate the section that says:
 - /p "USACE - Civil 3D 2022 - Imperial"
5. Replace the wording inside of the quotes after the /p switch (shown above) with the name of the newly created Profile.
6. Click “OK” to close the dialog.
7. Double-click on the new icon to launch Civil 3D 2022 and make sure the correct Profile has been loaded.

6.1 Introduction

Occasionally, there are times when the standards must be stored on a hard drive, but the use of the C:\Program Data path is not feasible. If this occurs, the standards will have to be stored in a different location, and Civil 3D will have to be set up to point to this.

6.2 Copy the Standards Folder to the Hard Drive

Note: This may require IT approval and/or assistance.

Make sure to establish a clean location for saving and working with the USACE standards that does not create overly long file paths and names.

1. Download "USACE Civil 3D 2022 Standards.zip" file
2. Unzip the entire folder directly to the desired location, making sure to not bury the standards more than one or two subfolders down. A good path example may be C:\USACE Civil 3D 2022 Standards or something similar.

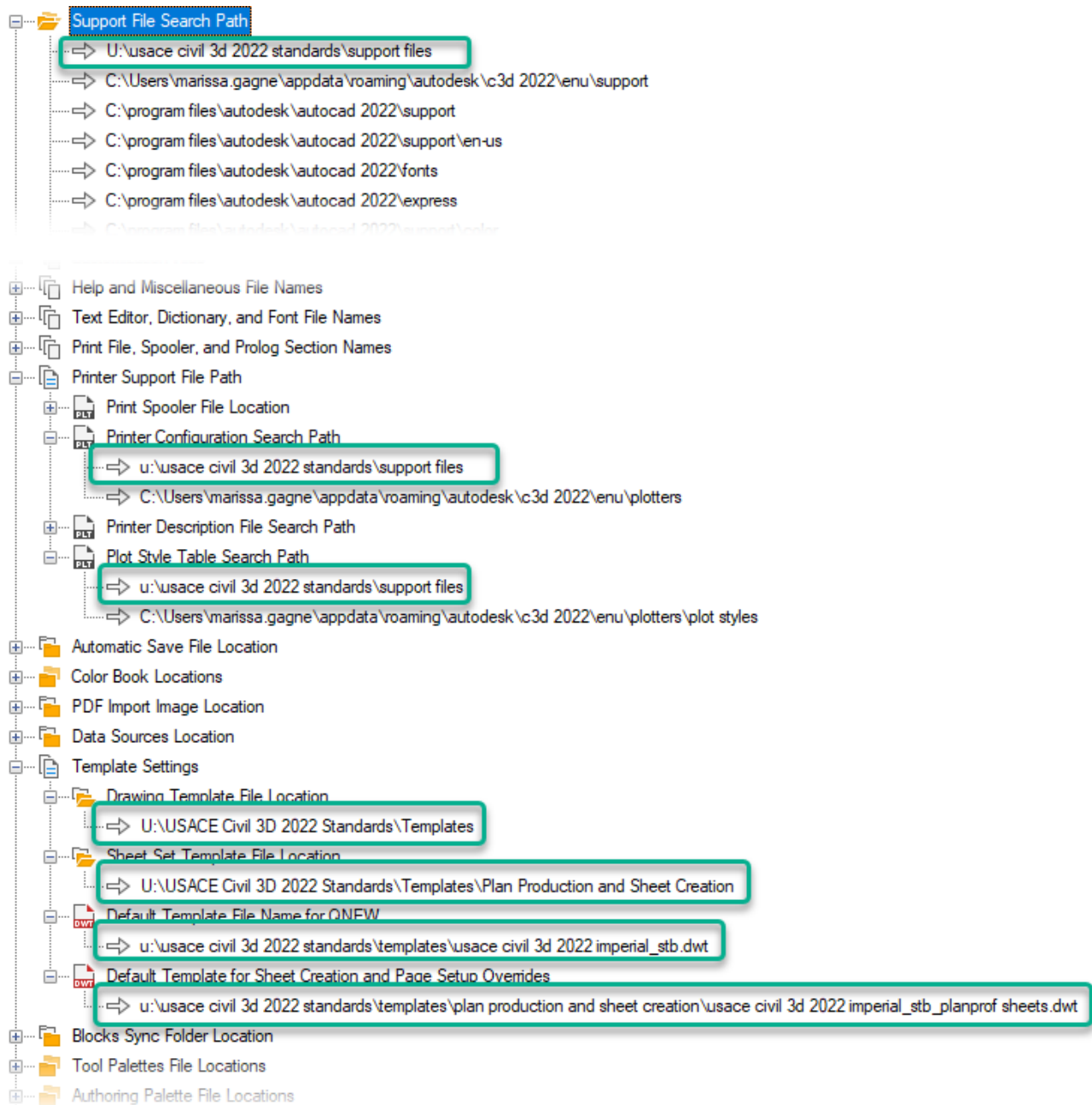
6.3 Update AutoCAD User Profile(s)

Custom Profiles have been established which point to USACE standard search paths, templates, and customizations files that correspond to USACE's newly updated standards. These Profiles are currently available for use with a U: drive or C:\Program Data\ path. These Profiles must be updated to match the corresponding paths on the desired drive letter. The easiest way to accomplish this is to import the current Profile that points to the U:\ drive, save it with a new name, then edit it. There are two Profiles that are currently available for initial import:

- USACE - Civil 3D 2022 – Imperial
- USACE - Civil 3D 2022 - Metric

To access and edit one of these Profiles, follow the steps below:

1. Launch AutoCAD Civil 3D 2022 – Imperial using the standard icon on the desktop or the Start menu.
2. At the **Command Line**, type in "OP" and hit <Enter>.
3. On the Profiles tab of the Options dialog, click the "Import" button.
4. Navigate to the chosen location (Ex: C:\USACE Civil 3D 2022 Standards) and under the "Support Files" folder, choose the desired ARG File.
5. When asked for the name of the Profile, type in a desired value for the new Profile to be created.
6. Make sure the newly imported Profile is selected and click "Set Current."
7. On the "Files" tab of the dialog, locate the paths highlighted below and change each one to point to the new location:



8. Hit the "Apply" button on the bottom of the dialog.
9. On the "Profiles" tab, click the "Export" button.
10. Set the desired Name and location to save the ARG file. This file can then be imported to any other machine to automatically set these new, desired paths.
11. Click "OK" to close the dialog box (but leave Civil 3D open for future steps).

6.4 Change/Set the Pipe Network Catalog Paths

USACE's Pipe Network and Pressure Network Catalogs have been customized to include many of the required sizes and shapes for Storm, Sanitary, and Water modeling in Civil 3D. These custom catalogs are stored with the rest of USACE's Civil 3D Standards in the USACE Civil 3D 2022 Standards folder structure. To ensure that these custom catalogs are used by Civil 3D, perform the following steps:

6.4.1 Gravity Pipe Network Catalog

1. While still in Civil 3D, on the "Home" tab of the **Ribbon**, locate the "Create Design" panel, click ▼ to expand the panel, and choose "Set Pipe Network Catalog."
2. In the dialog that appears, make sure the Catalog Folder is set to point to the "Pipes Catalog" folder under the main folder structure (Ex: C:\USACE Civil 3D 2022 Standards\Pipes Catalog\). If it is not, hit the Browse button and navigate to this folder.
3. If not already set, use the drop-downs to set the Pipe Catalogs to the desired values (Imperial or Metric).
4. Click "OK" to save the settings and close the dialog box.

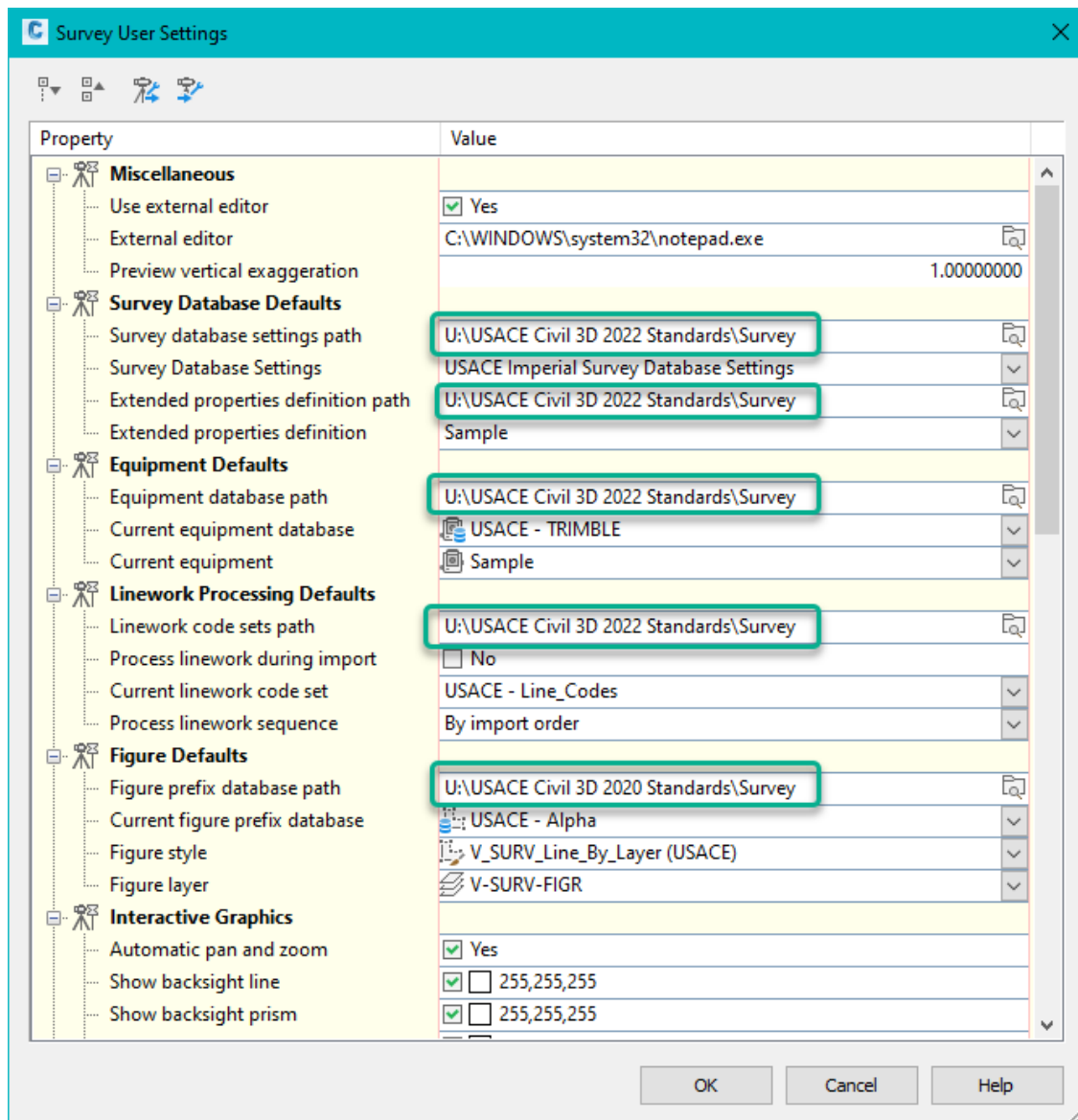
6.4.2 Pressure Pipe Network Catalog

1. While still on the "Home" tab of the **Ribbon**, go back to the "Create Design" panel, click ▼ to expand the panel again, and choose "Set Pressure Network Catalog".
2. In the dialog that appears, make sure the Catalog Folder is pointing to the "Pressure Pipes Catalog" folder under the main folder structure (Ex: C:\USACE Civil 3D 2022 Standards\Pressure Pipes Catalog\). If it is not, hit the Browse button and navigate to this folder.
3. If not already set, use the drop-down to select the desired database (Imperial or Metric).
4. Click "OK" to save the settings and close the dialog box.

6.5 Load and Update the Custom Survey User Settings (Surveyors Only)

To ensure that all Survey databases use the correct units, custom Figure Prefix Database, and custom Linework Code Set, two Survey Database Settings files have been created (one Imperial and one Metric) that can be used every time a new Survey Database is created. These files are stored under the Standards folder structure, along with other important Survey customizations such as the Figure Prefix Database and the Linework Code Set. Additional files for the Survey User Settings that point to these paths have been created for imperial and metric. Follow the instructions below to load and updated the appropriate settings files:

1. In the "Survey" tab of the **Toolspace**, click on the Survey Users Settings  button.
2. In the "Survey User Settings" dialog, click on the Import Settings  button.
3. Browse to "C:\Program Data\USACE Civil 3D 2022 Standards\Survey" and choose "USACE Imperial Survey User Settings usr_set" or "USACE Metric Survey User Settings usr_set."
4. In the dialog, locate the paths highlighted below and change each one to point to the new location:



5. Back at the top of the dialog, click the “Export”  button.
6. In the dialog that appears, browse to the desired location, establish the desired file name, then hit “Save”. This file can then be imported to any other machine to automatically set these new, desired paths.
7. Click “OK” to close the “Survey User Settings” dialog.

Note: Each user will need to go through the process of pointing Civil 3D’s Survey “Working Folder” to the current project folder.

6.6 Add Custom Desktop Shortcut

As mentioned above, Civil 3D uses Profiles to point to the appropriate custom file locations. To prevent the users from having to switch from the default Profile to their custom Profile every time they launch the program, custom desktop icons have been created that will automatically do this step for them. To ensure that these icons are available to the users on their computers, follow these steps:

NOTE: This step can only be accomplished after the instructions in the “Update AutoCAD User Profile” section above have been completed.

1. Open Windows Explorer and navigate to the chosen path on the hard drive (ex: C:\USACE Civil 3D 2022 Standards) and open the “Support Files” subfolders. From this folder copy either “USACE - Civil 3D 2022 - Imperial” or “USACE - Civil 3D 2022 - Metric” and paste it to the user’s Desktop
NOTE: This shortcut will need to be edited if the default Civil 3D installation path is not used.
2. Delete any pre-existing Civil 3D 2022 application shortcuts from the user’s Desktop.
3. Right-click on the newly added icon and choose “Properties”.
4. In the dialog that appears, in the “Target” box, locate the section that says:
 - /p "USACE - Civil 3D 2022 - Imperial"
5. Replace the wording inside of the quotes after the /p switch (shown above) with the name of the newly created Profile.
6. Click “OK” to close the dialog.
7. Double-click on the new icon to launch Civil 3D 2022 and make sure the correct Profile has been loaded.

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