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Introduction

The City of Las Vegas has developed support file structure for Civil 3D. Its compatible for the following versions.

Civil 3D 2020

Civil 3D 2021

Civil 3D 2022

Civil 3D 2023

The supporting files contain drawing templates, fonts, blocks, parts catalogs, printer support files, cad standards, plan standards, and schedules. Please refer to the cad standards and/or plan standards for guidance not listed below.

Installation

- 1) Download the latest files from the City of Las Vegas website: [CLV-Kit](#)
- 2) Unzip the contents and place the folder CLV-C3D.Support on your C drive. The files must be placed on the C drive since the pathing is pre-mapped for the support files.
- 3) Within the folder you will find four different .exe files. One for each version of Civil 3D from 2020 thru 2023. Identify the version of Civil 3D installed on your machine, and copy the corresponding icon to your desktop or you can run the executable from inside the folder as needed.

Pipe Networks

Items such as your pipe network pathing, drawing template pathing, and plot support files will be configured automatically when starting Civil 3D using the provided icons. You will need this pathing to be correctly mapped to use the parts lists contained in the template.

Pipe networks had some major changes in January of 2023. Blocks and styles were updated to reflect standard drawing numbers, and new parts lists were generated to include the parts catalog changes. It will be necessary to use the latest templates with the latest parts catalog support files. Older drawings have been successfully migrated forward in house with the use of reference templates. Please contact mdwillis@LasVegasNevada.gov with any questions regarding migrating forward.

Reference Templates

The current Engineering and Survey templates are configured to use Reference Templates. The reference template is C:\CLV-C3D.Support\CLV Reference Template\Settings.dwt. This allows drawings which were created using the templates specified above to dynamically update when changes to the Settings.dwt take place.

Much of the content contained on the cover sheet and notes sheets have been formatted as blocks. This allows items such as notes to update automatically when changes are made to the block contained in the Settings.dwt. If blocks are exploded they will no longer update automatically.

Updates

Since the Kit is used by multiple disciplines updates can happen often. When an update is available it is best to download the new content and replace the entire support folder with the new one.

Release Notes

1) 2023.1

- a. Major updates made to the Pipe Network parts lists and Civil 3D pipe catalog.
- b. Template files formatted to use Reference Templates.
- c. Alignment Name and Alignment Description style settings were swapped. For example if the alignment name would have been Rainbow Boulevard the description/abbreviation would have been RAI. Now the alignment name should be RAI and the description/abbreviation should be Rainbow Boulevard. This resolves the errors that were happening in survey equipment due to name formatting when attempting to load landxml files.