MONTANA
Department of Transportation

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MDT Civil 3D State Kit - Reset Xref Layers

YOUTUBE VIDEO DOCUMENTATION

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OVERVIEW

The system variable **VISRETAIN** controls the properties of xref-dependent layers.

When **VISRETAIN** is set to 0:

- Xref layer properties overrides in a consuming drawing **are not saved**.
- Overrides **are reset** to source layer settings when a consuming drawing is opened.

When **VISRETAIN** is set to 1 (default):

- Xref layer property overrides in a consuming drawing **are saved**.
- Overrides **are not reset** to source layer settings when a consuming drawing is opened.

An obvious benefit of a **VISRETAIN** setting of 1 is that a consuming drawing can have different xref layer property settings than a source drawing. A not so obvious drawback is that any changes to layer property settings in the source drawing are never reflected back to the consuming drawing.

To update xref layer property settings in a consuming drawing to their source layer settings or to wipe out unwanted xref layer property overrides, the **Reset Xref Layers** command allows to quickly reset the layer property settings of all attached xrefs in a drawing to their source settings.

The **Reset Xref Layers** command is developed and provided by MDT.

COMPANION DOCUMENTATION

YouTube Video Link: https://youtu.be/PXYh1oWho6M?si=GrQh7j-kFMx-Ubi8

USING THE COMMAND

1. Type **MDTRESETXLAYERS** at the command line or press the **Reset Xref Layers** ribbon button.
2. All attached xref layers will be reset to source layer settings; Do you want to continue? Yes or No?
    a. Click “Yes” to reset all attached xref layer properties.
    b. Click “No” to exit.