

Sheet Navigator – Renumbering Sheet Reference Numbers

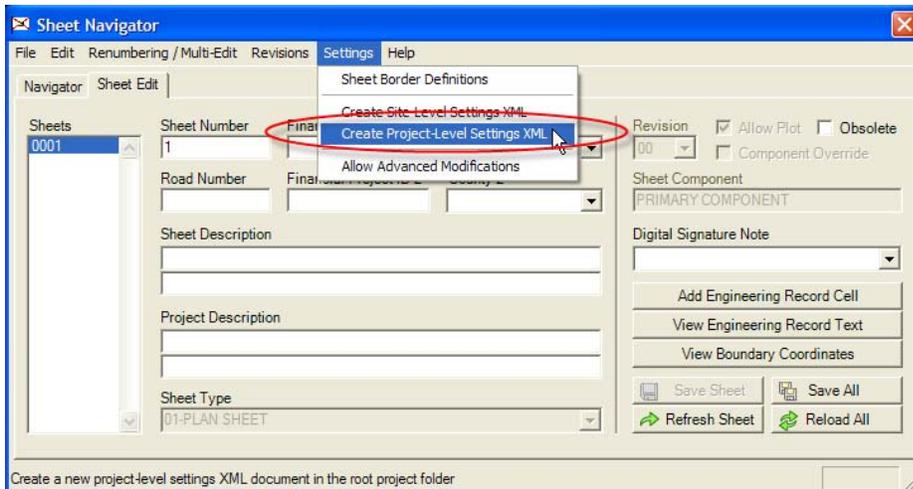
Out of the box, Sheet Navigator is programmed to update the sheet number references “SEE SHEET,” “SEE SHT,” and “SEE DETAIL.” If Sheet Navigator indexes a sheet with such a reference, the sheet number referenced will be updated along with the sheet’s number. The text may be on any level provided that it begins with one of the three supported phrases followed with a number.

For example PLANRD01.DGN is Sheet Number 12 in a plan set. PLANRD01.DGN contains the phrase “SEE SHEET 35” on level TEXTLABEL. PLANRD23.DGN contains Sheet Number 35. During the renumbering process, Sheet Number 35 is renumbered to Sheet Number 50. The text “SEE SHEET 35” contained in PLANRD01.DGN will be automatically updated to read as “SEE SHEET 50.”

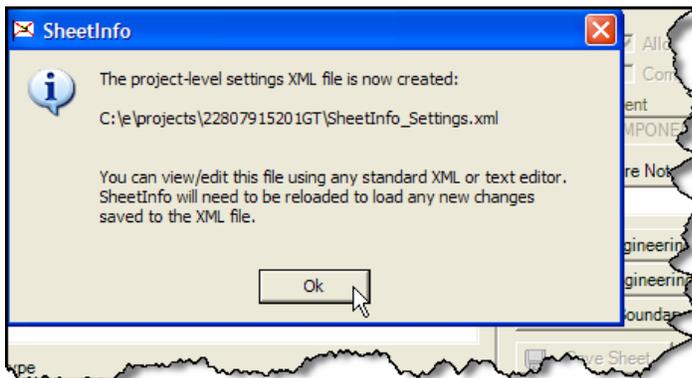
Additional sheet number references may be added by modifying the SHEETINFO.XML in the MDLAPPS folder of the FDOT suite installation directory or by creating and modifying a Project- or Site-Level Settings XML as shown below.

In Sheet Navigator, select:

SETTINGS > CREATE PROJECT- or SITE-LEVEL SETTINGS XML



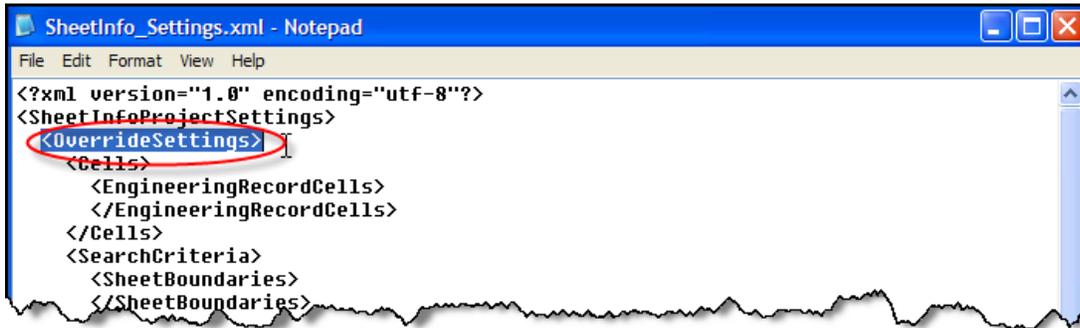
A message box will appear. Click OK to dismiss the box, and then close Sheet Navigator.



FDOT2008 Sheet Navigator –Renumbering Sheet Reference Numbers

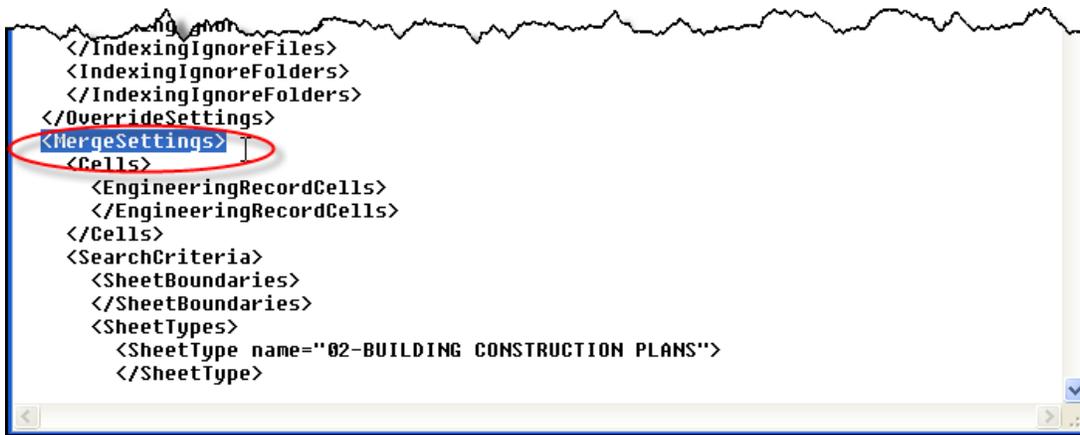
To locate a Project-Level Settings XML, navigate to the root project folder (usually the FPI number for most projects). To locate a Site-Level Settings XML, navigate to the **MDLAPPS** folder of the FDOT installation.

Locate the file **SHEETINFO_SETTINGS.XML** and open it in your favorite XML editing tool (I use Notepad, but I'm just Old School like that).



```
SheetInfo_Settings.xml - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="utf-8"?>
<SheetInfoProjectSettings>
  <OverrideSettings>
    <Cells>
      <EngineeringRecordCells>
      </EngineeringRecordCells>
    </Cells>
    <SearchCriteria>
    <SheetBoundaries>
    </SheetBoundaries>
```

Note that there is an “**OVERRIDE SETTINGS**” and a “**MERGE SETTINGS**” section in the XML



```
ng, and
</IndexingIgnoreFiles>
<IndexingIgnoreFolders>
</IndexingIgnoreFolders>
</OverrideSettings>
<MergeSettings>
  <Cells>
    <EngineeringRecordCells>
    </EngineeringRecordCells>
  </Cells>
  <SearchCriteria>
  <SheetBoundaries>
  </SheetBoundaries>
  <SheetTypes>
    <SheetType name="02-BUILDING CONSTRUCTION PLANS">
    </SheetType>
```

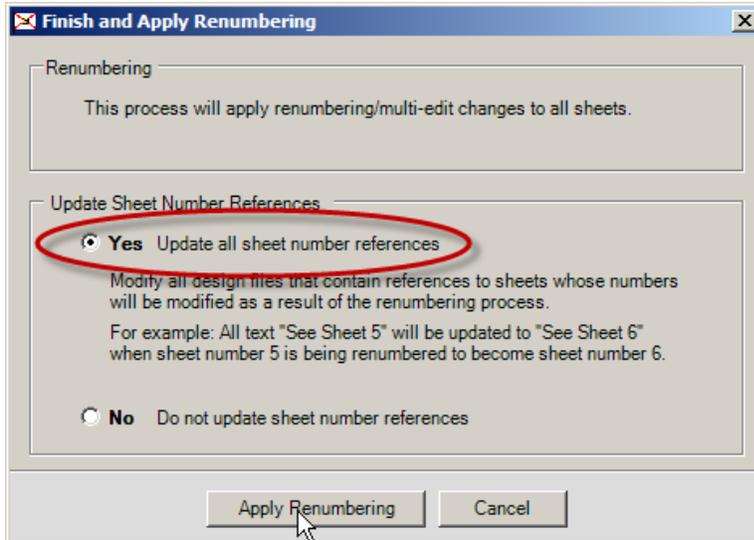
Both sections contain the same tags and information, but perform a very different function. The “**OVERRIDE SETTINGS**” section causes Sheet Navigator to use only the settings specified in the Project-Level Settings XML and to override any corresponding settings from the **SheetInfo.XML** in the **MDLAPPS** folder (the one that normally controls Sheet Navigator). The “**MERGE SETTINGS**” section gives Sheet Navigator additional settings and instructions in addition to the existing settings and instructions from the **SheetInfo.XML** in the **MDLAPPS** folder.

In this case, use the “**MERGE SETTINGS**” section.

With the Project- or Site-Level Settings XML still open, navigate to the MDLAPPS folder of the FDOT installation and open the **SheetInfo.XML**. We will copy the necessary Sheet Number Reference code from the **SheetInfo.XML** and paste it into the correct location in the **Sheetinfo_Settings.XML**.

FDOT2008 Sheet Navigator –Renumbering Sheet Reference Numbers

After Sheet Navigator has finished indexing the project, enter Renumbering mode and perform any necessary renumbering changes, selecting **“Renumbering/Multi-Edit > Finish & Apply Changes”** when ready to apply renumbering. A dialog will appear asking whether to update sheet number references. Select **“Yes – Update sheet number references.”**



Select **“Apply Renumbering”** and Sheet Navigator will apply the renumbering changes and update any sheet number references affected by renumbering changes (including the new sheet number reference “See Matchline”).

Sheet Navigator – Renumbering Sheet Reference Numbers in Reference Files

Sheet Navigator’s configuration file **SheetInfo.XML** is delivered with an extensive list of ignored files. The list is composed of files that should never contain a sheet border and do not need to be indexed by Sheet Navigator. This speeds up the processes of indexing and renumbering, saving time during the production process.

However, the ignore files contained in **SheetInfo.XML** out-of-the-box may cause problems for users that place sheet number references in files other than those indexed by Sheet Navigator. That is to say, if a sheet number reference is placed in PLANRD01.DGN, it will be read by Sheet Navigator during indexing and subsequently updated during the renumbering process, but a sheet number reference placed in DSGNRD01.DGN or TEXTRD01.DGN will be ignored by Sheet Navigator and subsequently NOT updated during the renumbering process.

The decision to include maximize the ignored files list at the risk of impeding the process of updating sheet number references was made due to the overwhelming request by users that Sheet Navigator index more quickly and efficiently.

The ignored files can be easily appended or overridden using a Site- or Project-Level Settings XML.

Create a Site- or Project-Level Settings XML using the steps described earlier in this document. Note once again that there is an **“OVERRIDE SETTINGS”** section in the newly created XML as well as a **“MERGE SETTINGS”** section. To override the default ignored files, use the **“OVERRIDE SETTINGS”** section of the XML.

