**Installation/Testing procedures.**

**DRAFT**

1. Create a folder called ORMAP on my C drive.
2. Create folder under ORMAP called “MapProduction”.
3. Unzip contents into the MapProduction folder.
4. Copy existing MapProduction map document into the subfolder “MapDocuments” under the new MapProduction folder.
5. Run the “Page Layout Element Report” tool to make sure my elements are named correctly and if not then make any changes.
6. Modify (copy the info from your ini file) the ORMAP\_18x20MapConfig and/or ORMAP\_18x24MapConfig files as well as the ORMAP\_LayersConfig file.
7. Test the Zoom To MapNumber.
8. Test the Print
9. Test the other tools.

Map Elements:

In order to use the new Python based Map Production tools you will likely need to rename some of the layout elements on the map. It is recommended that you make a copy of your current Map Production map document to test these tools in.

The following is a list of map elements. Those denoted in bold are required and the ones in italic are recommended. The others are optional.

* **mainDF\* – The main dataframe.**
* *MapNumber\* – Not used on the map, however it is used by the code to determine which map you are working with.*
* MainMapTitle\* – Map title.
* CountyName† – The County name.
* MainMapScale† – The map scale in the format 1” = x’
* Disclaimer\* – The maps disclaimer.
* DisclaimerBox† – A box that surrounds the disclaimer.
* PlotDate\* – The auto generated date on the map.
* CanMapNumber\* – The cancelled numbers primary column.
* Can MapNumber2† – A second column for cancelled numbers overflow.
* CanMapNumber3† – A third column for cancelled numbers overflow.
* UpperRightMapNum\* – The mapnumber listed in the upper right corner of the map.
* LowerRightMapNum\* – The mapnumber listed in the lower right corner of the map.
* UpperLeftMapNum‡ – The mapnumber listed in the upper left spot.
* LowerLeftMapNum‡ – The mapnumber listed in the lower left spot.
* LocatorDF – The locator data frame.
* SectionsDF – The Sections data frame.
* QSectionsDF – The Quarter Sections data frame.
* smallMapTitle‡ – A smaller version of the MainMapTitle.
* smallMapScale‡ – A smaller version of the MainMapScale.
* NorthArrow\* – The North arrow.
* ScaleBar\* – The scalebar.

\* These items have their x/y coordinates stored in the PageLayoutElements table.

† These items x/y coordinates derived from other page elements. These may include offsets described in the configuration files.

‡ These items x/y coordinates are not stored or calculated however the text value is repeated from another page element.

The following diagrams display the map elements as they might appear on the map:

