How to make a base map:

* [Introduction to Beginning to Building the Base Map (1:31 min)](https://www.autodesk.com/learn/ondemand/module/beginning-to-build-the-base-map/unit/4KSg8KUCPHyOMMdx9Wzm7r)
  + From the official autodesk site, total tutorial is 25 mins
* [All about using maps in AutoCAD](https://youtu.be/UVJHDLCeRxk?si=LKc1X4kJGSOSmHy2)
  + Seems like a simple solution for the base map
* <https://volunteer.ewb-usa.org/s/article/Preparing-a-Preliminary-CAD-Layout>
  + Section 2.1.1 talks about base maps. It says we should use coordinates of known monuments in the community to determine where we want to map. It says to find a youtube tutorial (like the one above)

Baseline model file (1) – draw existing infrastructure (referencing base map)

* <https://volunteer.ewb-usa.org/s/article/Preparing-a-Preliminary-CAD-Layout>
  + Section 2.2 Figure 4 is what i think it should look like

Project model files (10+) – design work for new elements (superimposed on both previous files)

* [Pipe Flow tutorial for Engineers without Borders USA](https://youtu.be/uUcAkqQpyoU?si=xwtfJfpJ_0rElSHC)
* [AutoCAD How To Add Layers](https://youtu.be/IUHMFtBZzyQ?si=ssDvDsY5uEfBJiHf)

New file for each element (new pipeline)

Project border file (1) – ribbon at bottom of all drawings/maps

Composite drawing (1) – drawings + annotations

* <https://volunteer.ewb-usa.org/s/article/Drawing-Templates>

Helpful resources from EWB Website

* <https://volunteer.ewb-usa.org/s/article/Water-Distribution-and-Storage-Overview>
* [Checklist for Submittals for EWB-USA Water Supply Projects - Final 07.2016.pdf](https://drive.google.com/file/d/0B8Xy0WB6k7LfY0xMc2dXWVhlX28/view?resourcekey=0-582Z52gOm4UKiFW3JGUSAg)