

My Internship with the City of Rock Hill

Coby Wood - ATC - Drafting 2



Job Description

My job as the GIS Intern is to take Asbuilts (a revised set of drawings completed by a contractor after the completion of a project or job) and use their sheets describing the water plan to make an AutoCad drawing of the locations of the water valves. These valve drawings allow maintenance staff and repairmen to shut off the water running through a particular pipe in case of a broken or leaking pipe.

Research in the GIS Field

<https://storymaps.arcgis.com/en/gallery/#s=0>

This website has many examples of how people are using GIS to identify and solve problems that our world has. One of these is:

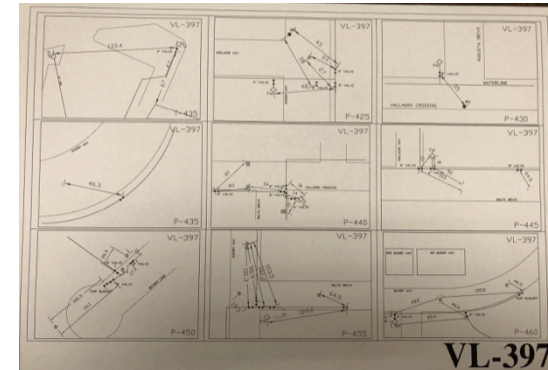
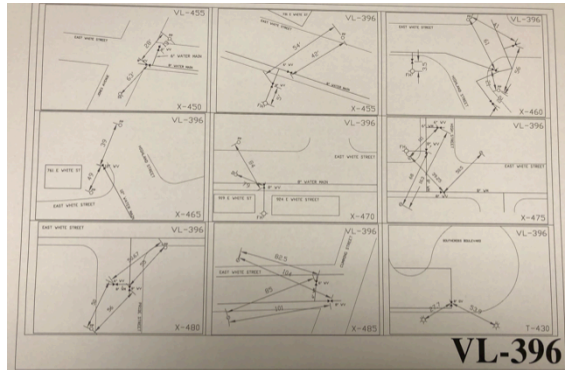
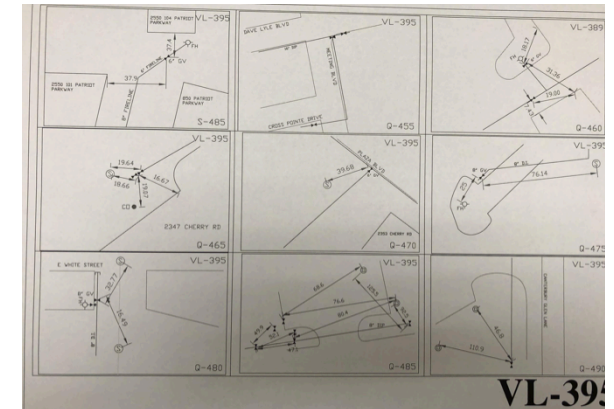
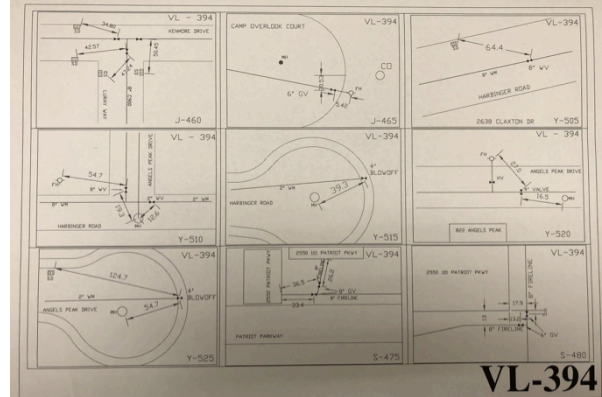
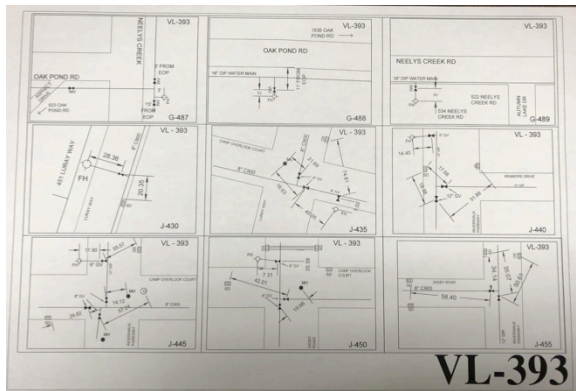
<https://dewa.maps.arcgis.com/apps/MapSeries/index.html?appid=a7a84263c0414915b55a158ee4939a48>

This story map from the Dubai Electricity and Water Authority shows how citizens in Dubai could benefit from installing solar panels on the roof of their buildings.

Photograph



Demonstration of Skills



These are VL sheets (a set of 9 valve drawings that are kept in the trucks of the maintenance staff who repair the water pipes) that I drew.

What I have learned from my Internship

From my internship, I have learned to manage my time while working on my projects and I have sharpened my skills in AutoCad through real world application. My Internship has allowed me to become better at drafting and given me skills with interpreting asbuilts which I am likely to see more in my future career as an engineer. I have also learned how to use Microsoft Excel better than I did before because of my cataloging of my valve drawings.