

# Interior Architecture

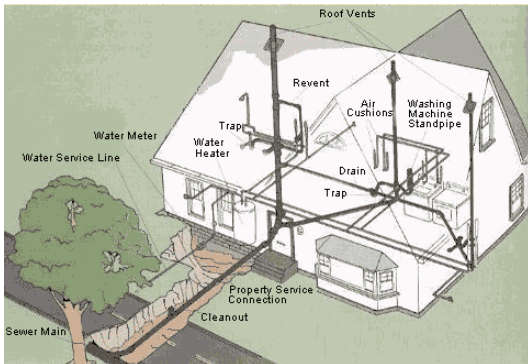
Ohio University

College of Fine Arts

School of Art+Design

ART 2640, Building Systems of Interior Environments  
Fall Semester 2020  
Tuesdays & Thursdays 10:30-11:50  
Online

**Matthew Ziff**, Associate Professor  
Office: W 325 Grover Center  
E-mail: ziff@ohio.edu



## Plumbing System Assignment

Due: Thursday, September 17, 10:30 am

This is to be a report that contains **photographs**, sketches and clear bullet point statements. This report is to present a thorough examination of the plumbing system in a free standing house.

*You are to write an introductory brief description of the site of the house that you are studying. Include the location (general address) size of the building, overall character of the building, including exterior materials and roof shape/configuration.*

*This report is to be typewritten and submitted as a pdf. It is to look like a 'professional' document.*

Site: your residence, or the residence of someone you know.

You are to explore the plumbing systems components of your selected residence.

- Identify the main incoming and the outgoing lines of the system. (This may require a bit of detective/research work)

- Identify the fuel source for the hot water heater (assuming there is one in this residence! usually this is electricity, or natural gas, but may be wood burning or coal burning or oil burning or solar energy of some form)
- Determine the size of the hot water heater in gallons. (it usually states this on the hot water heater)
- Identify the total number of plumbing fixtures in the residence. (walk through and count all fixtures: sinks, showers, tubs, toilets, et cetera)
- Identify the material(s) of the distribution system (the plumbing pipes).
- Research the cost of the following components of Plumbing Systems: ('google' this. the \$\$\$ of any item may vary by geographic location, by manufacturer, by type)
  - Tank toilet
  - Flush valve toilet
  - Bathroom faucet
  - Kitchen faucet
  - Bathroom porcelain or glass lavatory (sink)
  - Fire sprinkler head fixture
  - Electric hot water heater
  - 10' section of 1" diameter copper pipe