**CMGT 235 – Electrical and Mechanical Systems**

Department of Construction Management 🏵 California State University, Chico

Homework #10 – Plumbing Material

Points: 20

Due: 9/27/2022

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. For the house plan provided the owner has selected all plumbing fixture options shown. Using a yellow highlighter color and count all the plumbing fixtures listed in the table below.

|  |  |
| --- | --- |
| Fixture | Total |
| Water Closet |  |
| LAV |  |
| Tub/Shower |  |
| Tub |  |
| Shower |  |
| Kitchen Sink |  |
| Dishwasher |  |
| Laundry Sink |  |

1. If all the water closets are WaterSense and if they were to be flushed simultaneously, how much water would be used?
2. What is the flow rate for a WaterSense LAV?

Diagram, engineering drawing

Description automatically generated