


CMGT 235 – Electrical and Mechanical SystemsDepartment of Construction Management  California State University, Chico**Homework #13 – Plumbing Systems**

Points: 20

Due: 10/6/2022

Name: _____

Use the 2016 CPC – Table 702.1

1. Calculate the Total DFUs for the home used in homework #10. The home uses the city's sewer line.

Fixture	Number of Fixtures	DFU	Total (DFU)
Water Closet	5		
LAV	7		
Tub/Shower	3		
Tub	1		
Shower	1		
Kitchen Sink	1		
Dishwasher	2		
Laundry Machine	1		
Laundry Sink	1		
Total			

2. Complete the Table shown:

Fixture	Minimum Size Trap and Trap Arm (Inches)
Water Closet	
LAV	
Tub/Shower	
Tub	
Shower	
Kitchen Sink	
Dishwasher	
Laundry Machine	
Laundry Sink	

3. Using the isometric paper provided sketch the isometric drawing for the piping diagram shown from the south elevation.

