

CMGT 235 – Electrical and Mechanical Systems

Department of Construction Management ☻ California State University, Chico

Homework #15– Plumbing Systems

Points: 20

Due: 10/8/2022

Name: _____

Directions

Bathroom Groups:

1. Determine the total DFU for the Bathrooms for the two-story house plan used for In Class Activity #3.
 - (a) As individual fixtures using Table 702.1 and
 - (b) as bathroom groups using Appendix C.

Fixture	# of Fix.	DFU		
		EACH	THIS JOB	
MSTR BATH				
WC	1			BG #1
LAV	2			
BT	1			
SHW	1			
WC	1			
BIDET	1			
B2				
WC	1			BG #2
LAV	1			
BT	1			
B3				
WC	1			BG #3
LAV	1			
BT/SHW	1			
B4				
WC	1			BG #4
LAV	1			
SHW	1			
B5				
WC	1			BG #5
LAV	1			
BT/SHW	1			
B6				
WC	1			BG #6
LAV	1			
SHW	1			
PW				
WC	1			½ BG
LAV	1			
TOTAL		 		

Appendix C

TOTAL DFU = _____

Continued on back

2. Size the Building Drain and Sewer

Code	Size of Building Drain and Sewer	Slope
Table 703.2		¼ inch per foot
Table C 304.2		1/8 inch per foot
Table C 304.2		¼ inch per foot