

## **Plumbing Fixture Plan Review**

System Development Charge Calculation Sheet Based on Fixture Unit Weight (FUW) All water systems shall have water hammer arrestors and shall be accessible - Sec: 609.10 UPC

Appliances, Appurtenances or Fixtures	No Change to Existing Fixture	Existing Fixture Relocated or Replaced	Existing Fixture Removed Not Replaced	New Fixture Added Not a Replacement	FUW Count For Each Item	Total FUWs City to complete
Bathtub or combination bath/shower		перисси	Перисси	жершеетен	4	
Bidet - Private					1	
Clothes washer					4	
Dental unit, cuspidor					1	
Dishwasher, domestic					1.5	
Drinking fountain or water cooler - Private/Public					0.5	
Drinking fountain or water cooler - Assembly					0.75	
Hose bib					2.5	
Hose bib, each additional					1	
Lavatory (bathroom sink)					1	
Pedicure basin					1	
Shower, per head					2	
SINKS						
Bar sink - Private					1	
Bar sink - Private Bar sink - Public					2	
Clinic Faucet - Public					3	
Clinic flushometer valve with/without faucet - Public						
					8	
Kitchen, domestic					1.5	
Laundry					1.5	
Service or mop basin - Private					1.5	
Service or mop basin - Public					3	
Wash-up, each set of faucets - Public					2	
Wash fountain, circular spray - Public					4	
URINALS DATE					2	
Urinal, 1.0 GPF Flushometer valve - Public					4	
Urinal, 1.0 GPF Flushometer valve - Assembly					5	
Urinal, <i>greater</i> than 1.0 GPF Flushometer valve - Public					5	
Urinal, <i>greater</i> than 1.0 GPF Flushometer valve -					6	
Assembly						
Urinal, flush tank – Private or Public					2	
Urinal, flush tank - Assembly					3	
WATER CLOSETS						
Water closet, 1.6 GPF Gravity tank/Flushometer tank –					2.5	
Private/Public						
Water closet, 1.6 GPF Gravity tank/Flushometer tank –					3.5	
Assembly						
Water closet, 1.6 GPF Flushometer valve – Private/Public					2.5	
Water closet, 1.6 GPF Flushometer valve – Assembly					3.5	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank – Private					3	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank – Public					5.5	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank –					7	
Assembly					,	
•					_	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Private					7	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve -					8	
Public Vivia 1 (CDF Final Vivia 1)					10	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Assembly					10	
TOTALS						

Contact Engineering Services for current System Development fee information

FORM PREPARED BY:\_\_\_\_\_\_\_ DATE:\_\_\_\_\_

TEL:\_\_\_\_\_\_
EMAIL: \_\_\_\_\_\_



PRCA20231436

## **SANITARY SEWER**

## **Plumbing Fixture Plan Review**

**System Development Charge Calculation Sheet Based on Fixture Unit Weight (FUW)** 

Bathtub or combination bath/shower  Bidet – 1 ½"  Bidet – 1 ½"  Clothes washer, domestic, 2" standpipe  Dental unit, cuspidor  Dishwasher, domestic with independent drain  Drinking fountain or water cooler – Private/Public  Drinking fountain or water cooler – Assembly  Floor drain  Food waste grinder – commercial  Lavatory, (bathroom sink)  Lavatory, (bathroom sink) sets of 2 or 3  Pedicure basin  Shower, single head  Shower, multi-head each additional  Wash fountain, 1 ½"			2 1 2 3 1 2	
Bidet – 1 ½"  Clothes washer, domestic, 2" standpipe  Dental unit, cuspidor  Dishwasher, domestic with independent drain  Drinking fountain or water cooler – Private/Public  Drinking fountain or water cooler – Assembly  Floor drain  Food waste grinder – commercial  Lavatory, (bathroom sink)  Lavatory, (bathroom sink) sets of 2 or 3  Pedicure basin  Shower, single head  Shower, multi-head each additional			2 3 1 2	
Bidet – 1 ½"  Clothes washer, domestic, 2" standpipe  Dental unit, cuspidor  Dishwasher, domestic with independent drain  Drinking fountain or water cooler – Private/Public  Drinking fountain or water cooler – Assembly  Floor drain  Food waste grinder – commercial  Lavatory, (bathroom sink)  Lavatory, (bathroom sink) sets of 2 or 3  Pedicure basin  Shower, single head  Shower, multi-head each additional			3 1 2	
Clothes washer, domestic, 2" standpipe  Dental unit, cuspidor  Dishwasher, domestic with independent drain  Drinking fountain or water cooler – Private/Public  Drinking fountain or water cooler – Assembly  Floor drain  Food waste grinder – commercial  Lavatory, (bathroom sink)  Lavatory, (bathroom sink) sets of 2 or 3  Pedicure basin  Shower, single head  Shower, multi-head each additional			3 1 2	
Dental unit, cuspidor Dishwasher, domestic with independent drain Drinking fountain or water cooler – Private/Public Drinking fountain or water cooler – Assembly Floor drain Food waste grinder – commercial Lavatory, (bathroom sink) Lavatory, (bathroom sink) sets of 2 or 3 Pedicure basin Shower, single head Shower, multi-head each additional			1 2	
Dishwasher, domestic with independent drain Drinking fountain or water cooler – Private/Public Drinking fountain or water cooler – Assembly Floor drain Food waste grinder – commercial Lavatory, (bathroom sink) Lavatory, (bathroom sink) sets of 2 or 3 Pedicure basin Shower, single head Shower, multi-head each additional			2	1
Drinking fountain or water cooler – Private/Public Drinking fountain or water cooler – Assembly Floor drain Food waste grinder – commercial Lavatory, (bathroom sink) Lavatory, (bathroom sink) sets of 2 or 3 Pedicure basin Shower, single head Shower, multi-head each additional				
Drinking fountain or water cooler – Assembly Floor drain Food waste grinder – commercial Lavatory, (bathroom sink) Lavatory, (bathroom sink) sets of 2 or 3 Pedicure basin Shower, single head Shower, multi-head each additional			0.5	
Floor drain Food waste grinder – commercial Lavatory, (bathroom sink) Lavatory, (bathroom sink) sets of 2 or 3 Pedicure basin Shower, single head Shower, multi-head each additional			1	
Food waste grinder – commercial  Lavatory, (bathroom sink)  Lavatory, (bathroom sink) sets of 2 or 3  Pedicure basin  Shower, single head  Shower, multi-head each additional		1	2	2
Lavatory, (bathroom sink)  Lavatory, (bathroom sink) sets of 2 or 3  Pedicure basin  Shower, single head  Shower, multi-head each additional			3	
Lavatory, (bathroom sink) sets of 2 or 3  Pedicure basin  Shower, single head  Shower, multi-head each additional			1	
Pedicure basin Shower, single head Shower, multi-head each additional			2	
Shower, single head Shower, multi-head each additional			1	
Shower, multi-head each additional			2	
			1	
			2	
Wash fountain, 1 72 Wash fountain, 2"			3	
SINKS			3	
Bar sink - Private			1	
			1 2	
Bar sink – Public/Assembly				
Clinic, 3" Public/Assembly			6	
Commercial, 1 ½" with food waste			3	
Kitchen, domestic 1 ½" (with/without food waste			2	
grinder/dishwasher – Private/Public			2	
Laundry, 1 ½"			2	
Service sink /Mop basin, 2"/3"			3	
Service sink, flushing rim 3"			6	
Wash, each set of faucets – Public/Assembly			2	
URINALS			2	
Urinal, 2" integral trap 1.0 GPF – Private/Public			2	
Urinal, 2" integral trap 1.0 GPF – Assembly			5	<b> </b>
Urinal, 2" integral trap greater than 1.0 GPF – Private/Public			2	
Urinal, 2" integral trap greater than 1.0 GPF – Assembly			6	<u> </u>
Urinal, 1 ½" exposed trap – Private/Public			2	<u> </u>
Urinal, 1 ½" exposed trap – Assembly			5	
WATER CLOSETS			2	
Water closet, 1.6 GPF Gravity tank / flushometer tank /			3	
flushometer valve – Private			4	<del></del>
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public			4	
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Assembly			6	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank / flushometer valve – Private			4	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank / flushometer valve – Public			6	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank / flushometer valve – Assembly			8	
TOTALS				2

LL 11/30/2023

Contact En	gineering	g Services	for current S	System Develo	opment f	<sup>f</sup> ee in	<u>formation</u>

FORM PREPARED BY: Rajai Nahhas P.E. Leed AP BD+C	DATE	10/27/21	
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