PRMU20240402

WATER

City of Puyallup Development & Permitting Services (ISSUED PERMIT Building Planning Engineering Public Works Fire Traffic

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

Bathub or combination bath/shower	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
Clothes washer	Bathtub or combination bath/shower		•	•	48	4	
Dental unit, cuspidor	Bidet - Private					1	
Dishwasher, domestic	Clothes washer				24	4	
Drinking fountain or water cooler - Private/Public 0.5	Dental unit, cuspidor					1	
Drinking fountain or water cooler - Assembly 1 2.5 2.5 2.5 1 1 1 1 1 1 1 1 1	Dishwasher, domestic				24	1.5	
Drinking fountain or water cooler - Assembly 0.75 Hose bib 1 2.5 2.5 2.5 Hose bib, each additional 1 1 1 Lavatory (bathroom sink) 1 Pedicure basin 1 Shower, per head 2 SINKS 2 Bar sink - Private 1 Bar sink - Public 2 Clinic Faucet - Public 2 Clinic Faucet - Public 2 Clinic Faucet - Public 3 Clinic Mishometer valve with/without faucet - Public 8 Kitchen, domestic 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 2 Wash fountain, circular spray - Public 4 Urinal, 1.0 GPF Flushometer valve - Assembly 5 Urinal, greater than 1.0 GPF Flushometer valve - Public 5 Urinal, greater than 1.0 GPF Flushometer valve - Public 2 Urinal, flush tank - Private or Public 2 Urinal, flush tank - Private or Public 2 Urinal, flush tank - Private or Public 2 Urinal, flush tank - Assembly 3 Water closet, 1.6 GPF Gravity tank/Flushometer tank - Private/Public 2.5 Water closet, 1.6 GPF Flushometer valve - Assembly 3.5 Water closet, greater than 1.6 GPF Gravity tank - Private 3 Water closet, greater than 1.6 GPF Flushometer valve - Public 5.5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF Flushometer valve - Public 5 Water closet, greater than 1.6 GPF - Flushometer valve - Public 5 Water closet, greater	·					0.5	
Hose bib, each additional						0.75	
Hose bib, each additional	<u> </u>				1	2.5	2.5
Pedicure basin	Hose bib, each additional				1	1	
Pedicure basin	Lavatory (bathroom sink)				48	1	
Bar sink - Private 1						1	
Bar sink - Private	Shower, per head					2	
Bar sink - Public 2 2	SINKS						
Clinic Faucet - Public Clinic flushometer valve with/without faucet - Public Kitchen, domestic Laundry 1.5 Service or mop basin - Private Service or mop basin - Public Wash-up, each set of faucets - Public Wash fountain, circular spray - Public Wash fountain, circular spray - Public Urinal, 1.0 GPF flushometer valve - Public Urinal, 1.0 GPF flushometer valve - Assembly Urinal, greater than 1.0 GPF flushometer valve - Public Urinal, greater than 1.0 GPF flushometer valve - Assembly Urinal, flush tank - Private or Public Urinal, flush tank - Private or Public Urinal, flush tank - Assembly 3 WATER CLOSETS Water closet, 1.6 GPF Gravity tank/flushometer tank - Private/Public Water closet, 1.6 GPF Flushometer valve - Private/Public Water closet, 1.6 GPF Flushometer valve - Assembly 3.5 Water closet, 1.6 GPF Flushometer valve - Private/Public Water closet, 1.6 GPF Flushometer valve - Assembly 3.5 Water closet, greater than 1.6 GPF Gravity tank - Private Water closet, greater than 1.6 GPF Gravity tank - Private Water closet, greater than 1.6 GPF Gravity tank - Private Water closet, greater than 1.6 GPF Flushometer valve - Private Water closet, greater than 1.6 GPF Flushometer valve - Private Water closet, greater than 1.6 GPF Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Private	Bar sink - Private					1	
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Sitchen, domestic	Clinic Faucet - Public					3	
Laundry	Clinic flushometer valve with/without faucet - Public					8	
Service or mop basin - Private 1.5 Service or mop basin - Public 3 3 Wash-up, each set of faucets - Public 2 2 Wash fountain, circular spray - Public 4 2 2 2 2 2 2 3 3 3 3	Kitchen, domestic				24	1.5	
Service or mop basin - Public Wash-up, each set of faucets - Public Wash fountain, circular spray - Public URINALS Urinal, 1.0 GPF Flushometer valve - Public Urinal, 1.0 GPF Flushometer valve - Public Urinal, greater than 1.0 GPF Flushometer valve - Public Urinal, greater than 1.0 GPF Flushometer valve - Public Urinal, greater than 1.0 GPF Flushometer valve - Public Urinal, greater than 1.0 GPF Flushometer valve - Assembly Urinal, flush tank - Private or Public Urinal, flush tank - Private or Public Urinal, flush tank - Assembly WATER CLOSETS Water closet, 1.6 GPF Gravity tank/Flushometer tank - Private/Public Water closet, 1.6 GPF Gravity tank/Flushometer tank - Assembly Water closet, 1.6 GPF Flushometer valve - Private/Public Water closet, 1.6 GPF Flushometer valve - Private/Public Water closet, greater than 1.6 GPF Gravity tank - Private Water closet, greater than 1.6 GPF Gravity tank - Public Water closet, greater than 1.6 GPF Gravity tank - Public Water closet, greater than 1.6 GPF Flushometer valve - Private Water closet, greater than 1.6 GPF Flushometer valve - Private Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public Water closet, greater than 1.6 GPF - Flushometer valve - Public	Laundry					1.5	
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(Contact E	ngineering	Services .	<u>for current S</u>	<u>vstem Develo</u>	oment i	tee in	<u>tormation</u>
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FORM PREPARED BY: Jonathon Diangco	DATE: 1/26/24	

TEL: 206.364.3343

EMAIL: jdiangco@robisonengineering.com



PRMU20240402

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" Wash fountain, 2" SINKS Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste Kitchen, domestic 1 ½" (with/without food waste		Replacement 48	2 1	
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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" Wash fountain, 2" SINKS Bar sink – Private Bar sink – Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			3	
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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" Wash fountain, 2" SINKS Bar sink - Private Bar sink – Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste		24	2	
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" Wash fountain, 2" SINKS Bar sink – Private Bar sink – Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			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 Wash fountain, 1 ½" Wash fountain, 2" SINKS Bar sink - Private Bar sink – Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			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 Wash fountain, 1 ½" Wash fountain, 2" SINKS Bar sink - Private Bar sink – Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste		2	2	4
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Lavatory, (bathroom sink) sets of 2 or 3 Pedicure basin Shower, single head Shower, multi-head each additional Wash fountain, 1 ½" Wash fountain, 2" SINKS Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste		4.8	1	
Pedicure basin Shower, single head Shower, multi-head each additional Wash fountain, 1 ½" Wash fountain, 2" SINKS Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste		300	2	
Shower, single head Shower, multi-head each additional Wash fountain, 1 ½" Wash fountain, 2" SINKS Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			1	
Shower, multi-head each additional Wash fountain, 1 ½" Wash fountain, 2" SINKS Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			2	
Wash fountain, 1 ½" Wash fountain, 2" SINKS Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			1	
Wash fountain, 2" SINKS Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			2	
SINKS Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			3	
Bar sink - Private Bar sink - Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			3	
Bar sink – Public/Assembly Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			1	
Clinic, 3" Public/Assembly Commercial, 1 ½" with food waste			2	
Commercial, 1 1/2" with food waste				
			6	
Kitchen, domestic 1 ½ (with/without 100d waste			3	
· · · · · · · · · · · · · · · · · · ·		24	2	
grinder/dishwasher – Private/Public				
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	
Urinal, 2" integral trap greater than 1.0 GPF – Private/Public			2	
Urinal, 2" integral trap greater than 1.0 GPF – Assembly			6	
Urinal, 1 ½" exposed trap – Private/Public			2	
Urinal, 1 ½" exposed trap – Assembly			5	
WATER CLOSETS				
Water closet, 1.6 GPF Gravity tank / flushometer tank /		48	3	
flushometer valve – Private			4	
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public			4	
Water closet, 1.6 GPF Gravity tank / flushometer tank /			6	
flushometer valve – Assembly			0	
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		218		

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

FORM PREPARED BY: Jonathon Diangco	DATE: 01/26/24
TEL: 206.364.3343	<u> </u>
EMAIL: jdiangco@robisonengineering.com	