

Building C - 1015 39th Ave SE
Central Pierce Fire & Rescue Fixtures

PRCTI20230098

WATER

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					4	
Bidet - Private					1	
Clothes washer					4	
Dental unit, cuspidor					1	
Dishwasher, domestic				1	1.5	1.5
Drinking fountain or water cooler - Private/Public				1	0.5	0.5
Drinking fountain or water cooler - Assembly					0.75	
Hose bib					2.5	
Hose bib, each additional					1	
Lavatory (bathroom sink)				8	1	8
Pedicure basin					1	
Shower, per head				2	2	4
SINKS						
Bar sink - Private					1	
Bar sink - Public					2	
Clinic Faucet - Public					3	
Clinic flushometer valve with/without faucet - Public					8	
Kitchen, domestic				3	1.5	4.5
Laundry					1.5	
Service or mop basin - Private					1.5	
Service or mop basin - Public				1	3	3
Wash-up, each set of faucets - Public					2	
Wash fountain, circular spray - Public					4	
URINALS						
Urinal, 1.0 GPF Flushometer valve - Public				3	4	12
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 - Assembly					6	
Urinal, flush tank – Private or Public					2	
Urinal, flush tank - Assembly					3	
WATER CLOSETS						
Water closet, 1.6 GPF Gravity tank/Flushometer tank – Private/Public					2.5	
Water closet, 1.6 GPF Gravity tank/Flushometer tank – Assembly					3.5	
Water closet, 1.6 GPF Flushometer valve – Private/Public				13	2.5	32.5
Water closet, 1.6 GPF Flushometer valve – Assembly					3.5	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank – Private						
Water closet, <i>greater</i> than 1.6 GPF Gravity tank – Public					3	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank – Assembly					5.5	
Water closet, <i>greater</i> than 1.6 GPF Gravity tank – 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 - Public					7	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Assembly					7	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Private					7	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Public					8	
Water closet, <i>greater</i> than 1.6 GPF - Flushometer valve - Assembly					10	
TOTALS						
				32		66

Contact Engineering Services for current System Development fee information

LL
02/02/2023

FORM PREPARED BY: Steve Flink - MacDonald-Miller

DATE: 1/26/23

TEL: 253-680-3172

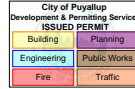
EMAIL: steve.flink@macmiller.com

**Building C Credit Balance from B-20-0061 = 390
New Credit Balance: 390 - 66 = 324**

SANITARY SEWER

Plumbing Fixture Plan Review

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



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
Bath tub or combination bath/shower					2	
Bidet – 1 ¼”					1	
Bidet – 1 ½”					2	
Clothes washer, domestic, 2” standpipe					3	
Dental unit, cuspidor					1	
Dishwasher, domestic with independent drain				1	2	2
Drinking fountain or water cooler – Private/Public				1	0.5	0.5
Drinking fountain or water cooler – Assembly					1	
Floor drain				2	2	4
Food waste grinder – commercial					3	
Lavatory, (bathroom sink)				4	1	4
Lavatory, (bathroom sink) sets of 2 or 3				2	2	4
Pedicure basin					1	
Shower, single head				2	2	4
Shower, multi-head each additional					1	
Wash fountain, 1 ½”					2	
Wash fountain, 2”					3	
SINKS						
Bar sink - Private					1	
Bar sink – Public/Assembly					2	
Clinic, 3” Public/Assembly					6	
Commercial, 1 ½” with food waste					3	
Kitchen, domestic 1 ½” (with/without food waste grinder/dishwasher – Private/Public				3	2	6
Laundry, 1 ½”					2	
Service sink /Mop basin, 2”/3”				1	3	3
Service sink, flushing rim 3”					6	
Wash, each set of faucets – Public/Assembly					2	
URINALS						
Urinal, 2” integral trap 1.0 GPF – Private/Public				3	2	6
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 / flushometer valve – Private					3	
Water closet, 1.6 GPF Gravity tank / flushometer tank / flushometer valve – Public				13	4	52
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				32		83.5

Contact Engineering Services for current System Development fee information

85.5
 LL
 02/02/2023

FORM PREPARED BY: Steve Flink - MacDonald-Miller

DATE: 1/26/23

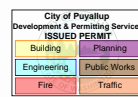
TEL: 253-680-3172

EMAIL: steve.flink@macmiller.com

Building C Credit Balance from B-20-0061 = 411
New Credit Balance: ~~411 - 83.5 = 325.5~~

New Credit Balance 400-85.5= 314.5
 LL 02/02/2023

Credit Balance after B-20-0061



B-20-0061

WATER
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
Bathtub or combination bath/shower					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	3
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 - Public					2	
Clinic Faucet - Public					3	
Clinic flushometer valve with/without faucet - Public					8	
Kitchen, domestic					1.5	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						
Urinal, 1.0 GPF Flushometer valve - 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 - Assembly					6	
Urinal, flush tank - Private or Public					2	
Urinal, flush tank - Assembly					3	
WATER CLOSETS						
Water closet, 1.6 GPF Gravity tank/Flushometer tank - Private/Public					2.5	
Water closet, 1.6 GPF Gravity tank/Flushometer tank - Assembly					3.5	
Water closet, 1.6 GPF Flushometer valve - 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 Gravity tank - Public					5.5	
Water closet, greater than 1.6 GPF Gravity tank - Assembly					7	
Water closet, greater than 1.6 GPF - Flushometer valve - Private					7	
Water closet, greater than 1.6 GPF - Flushometer valve - Public					8	
Water closet, greater than 1.6 GPF - Flushometer valve - Assembly					10	
TOTALS						4.5

BOTTLE FILL +
2 ice machines

14

Building C
 Credit Balance
 from B-19-1093
 395
 ROUND UP TO
 5

Contact Engineering Services for current System Development fee information

FORM PREPARED BY: Mark Johnson DATE: 1/23/20

TEL: 206 619-5339

EMAIL: mark.j.c@banavoya.com

New Credit Balance
 390

**SANITARY SEWER
Plumbing Fixture Plan Review
System Development Charge Calculation Sheet Based on Fixture Unit Weight (FUW)**

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

common floor drain for both ice machines.

Building C
Credit Balance from B-19-1093
- 415
- 4

Contact Engineering Services for current System Development fee information

FORM PREPARED BY: Mark Johnson DATE: 1/23/20

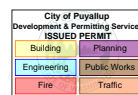
TEL: 206 619-5339

EMAIL: markj@benaroya.com

New Credit Balance
411

Please note that another permit was issued to Bldg C - B-20-0166 PLUMBING REVISIONS TO SHELL - BENAROYA SHB & SOUTH BLDG ADD (2) RPBPS, (2) DRAINS, AND (2) ELEVATOR SUMP which deducted a total of 12 sewer credits. For your records I have attached a copy of the city's record in CityView. LL 02/02/2023

Building L Rummery Texture 101
 1015 39th Ave SE



Original Construction Fixture Count

Sheet M2-4

Fixture Type	Existing	Removed
A Sinks	9	9
B Toilets	8	8
C Urinals	3	3
D Floor Drains	12	12
E Janitor's Sink	1	0
F Drinking Fountains	1	1
G Eye Wash/Showers	9	9
H Dish Washer	0	0
I Wall Hydrant/Hose Bib	3	3
J Shower	0	0

Sheet M2-11

Fixture Type	Existing	Removed
A Sinks	0	0
B Toilets	0	0
C Urinals	0	0
D Floor Drains	3	3
E Janitor's Sink	0	0
F Drinking Fountains	0	0
G Eye Wash/Showers	0	0
H Dish Washer	0	0
I Wall Hydrant/Hose Bib	0	0
J Shower	0	0

Sheet M2-5

Fixture Type	Existing	Removed
A Sinks	3	1
B Toilets	3	1
C Urinals	0	0
D Floor Drains	11	11
E Janitor's Sink	0	0
F Drinking Fountains	2	1
G Eye Wash/Showers	3	3
H Dish Washer	0	0
I Wall Hydrant/Hose Bib	1	1
J Shower	0	0

Sheet M2-12

Fixture Type	Existing	Removed
A Sinks	10	10
B Toilets	9	9
C Urinals	2	2
D Floor Drains	4	4
E Janitor's Sink	1	1
F Drinking Fountains	1	1
G Eye Wash/Showers	0	0
H Dish Washer	0	0
I Wall Hydrant/Hose Bib	0	0
J Shower	0	0

Sheet M2-6

Fixture Type	Existing	Removed
A Sinks	12	12
A1 Kitchen wash up sinks	0	0
B Toilets	10	10
C Urinals	2	2
D Floor Drains	30	30
E Janitor's Sink	1	1
F Drinking Fountains	1	1
G Eye Wash/Showers	0	0
H Dish Washer	0	0
I Wall Hydrant/Hose Bib	3	3
J Shower	1	1

Sheet A7-1

Fixture Type	Existing	Removed
A Sinks	0	0
A1 Kitchen wash up sinks	7	7
B Toilets	0	0
C Urinals	0	0
D Floor Drains	0	0
E Janitor's Sink	1	1
F Drinking Fountains	0	0
G Eye Wash/Showers	0	0
H Dish Washer	1	1
I Wall Hydrant/Hose Bib	0	0
J Shower	0	0

Sheet M2-10

Fixture Type	Existing	Removed
A Sinks	12	12
A1 Kitchen wash up sinks	0	0
B Toilets	12	12
C Urinals	5	5
D Floor Drains	22	22
E Janitor's Sink	1	1
F Drinking Fountains	2	2
G Eye Wash/Showers	0	0
H Dish Washer	0	0
I Wall Hydrant/Hose Bib	0	0
J Shower	0	0

Totals

Fixture Type	Existing	Removed
A Sinks	46	46 44 JJ
A1 Kitchen wash up sinks	7	7
B Toilets	42	42 40 JJ
C Urinals	12	12
D Floor Drains	82	82
E Janitor's Sink	5	5 4 JJ
F Drinking Fountains	7	7
G Eye Wash/Showers	12	12
H Dish Washer	1	1
I Wall Hydrant/Hose Bib	7	7
J Shower	1	1