

WATER

PRCA20250966

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                                   |                               |                                        | 2                                     |                                     | 4                       | 8                           |
| Bidet - Private                                                      |                               |                                        |                                       |                                     | 1                       |                             |
| Clothes washer                                                       |                               |                                        |                                       |                                     | 4                       |                             |
| Dental unit, cuspidor                                                |                               |                                        |                                       |                                     | 1                       |                             |
| Dishwasher, domestic                                                 |                               | 1                                      |                                       |                                     | 1.5                     | 1.5                         |
| Drinking fountain or water cooler - Private/Public                   |                               |                                        |                                       |                                     | 0.5                     |                             |
| Drinking fountain or water cooler - Assembly                         |                               |                                        |                                       |                                     | 0.75                    |                             |
| Hose bib                                                             |                               | 2                                      |                                       |                                     | 2.5                     | 5                           |
| Hose bib, each additional                                            |                               |                                        |                                       |                                     | 1                       |                             |
| Lavatory (bathroom sink)                                             |                               | 2                                      |                                       |                                     | 1                       | 2                           |
| 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                                      |                                       |                                     | 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                                                              |                               |                                        |                                       |                                     | 2                       |                             |
| Urinal, 1.0 GPF Flushometer valve - Public                           |                               |                                        |                                       | 2                                   | 4                       | 8                           |
| 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                                      |                                       |                                     | 2.5                     | 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                                                               | 0                             | 8                                      | 2                                     | 2                                   |                         | 31                          |

Contact Engineering Services for current System Development fee information

FORM PREPARED BY: Carve Architects

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Rev 7/16

The plumbing fixture worksheet is used to calculate system development charges. Since this is a change of use from commercial to residential, please list all plumbing fixtures for the commercial building under the "New Fixture Added Not A Replacement" column. The fixtures must match the plumbing plan fixture schedule and diagrams. Credits from the previous residential use will be automatically applied by the City's Engineering reviewer after the total commercial FUWs are calculated on this worksheet.

Site served by private OSS.  
Sanitary sewer plumbing  
fixture worksheet not required.

PRCA20250966

SANITARY SEWER  
Plumbing Fixture Plan Review

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

| Appliances, Appurtenances or Fixtures                                                 | No Change<br>to Existing<br>Fixture | Existing<br>Fixture<br>Relocated<br>or<br>Replaced | Existing<br>Fixture<br>Removed<br>Not<br>Replaced | New<br>Fixture<br>Added<br>Not a<br>Replacement | FUW<br>Count<br>For<br>Each<br>Item | Total<br>FUWs |
|---------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------|---------------------------------------------------|-------------------------------------------------|-------------------------------------|---------------|
| Bathtub or combination bath/shower                                                    |                                     |                                                    | 2                                                 |                                                 | 2                                   | 4             |
| 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                                   |               |
| Drinking fountain or water cooler – Private/Public                                    |                                     |                                                    |                                                   |                                                 | 0.5                                 |               |
| Drinking fountain or water cooler – Assembly                                          |                                     |                                                    |                                                   |                                                 | 1                                   |               |
| Floor drain                                                                           |                                     |                                                    |                                                   |                                                 | 2                                   |               |
| Food waste grinder – commercial                                                       |                                     |                                                    |                                                   |                                                 | 3                                   |               |
| Lavatory, (bathroom sink)                                                             |                                     | 2                                                  |                                                   |                                                 | 1                                   | 2             |
| 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 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   |                                     | 1                                                  |                                                   |                                                 | 2                                   | 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                                                                               |                                     |                                                    |                                                   |                                                 |                                     |               |
| Urinal, 2” integral trap 1.0 GPF – Private/Public                                     |                                     |                                                    |                                                   | 2                                               | 2                                   | 4             |
| 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   |                                     | 2                                                  |                                                   |                                                 | 3                                   | 6             |
| 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, <b>greater</b> than 1.6 GPF Gravity tank / flushometer valve – Private  |                                     |                                                    |                                                   |                                                 | 4                                   |               |
| Water closet, <b>greater</b> than 1.6 GPF Gravity tank / flushometer valve – Public   |                                     |                                                    |                                                   |                                                 | 6                                   |               |
| Water closet, <b>greater</b> than 1.6 GPF Gravity tank / flushometer valve – Assembly |                                     |                                                    |                                                   |                                                 | 8                                   |               |
| TOTALS                                                                                |                                     | 6                                                  | 2                                                 | 2                                               |                                     | 18            |

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