

Parker
 Building 1
 Domestic Water/ Waste Pipe Sizing Calculation
 Based on 2015 Plumbing Code

| Fixture | Quantity | Total FU/ Fixture | WATER | WASTE | Total DFU |
|---------------------------------------|-----------|-------------------|-------------------------|-----------------|----------------------|
| | | | Total Combined | DFU/Fixture | |
| Residential | | | | | |
| 1 Bath | | | | | |
| Bathroom Group | 1 | 3.6 | 3.6 | 5 | 5 |
| Kitchen Sink | 1 | 1.4 | 1.4 | 2 | 2 |
| Dish Washer | 1 | 1.4 | 1.4 | 2 | 2 |
| Washing Machine | 1 | 1.4 | 1.4 | 2 | 2 |
| Floor Drain | 1 | 0 | 0 | 0.5 | 0.5 |
| 1 BR Total | | | 7.8 | | 11.5 |
| Total 1 Bath Units in Building | 6 | | 46.8 | | 69 |
| 2 Bath | | | | | |
| Bathroom Group | 2 | 3.6 | 7.2 | 5 | 10 |
| 2nd Lavatory | 1 | 0.7 | 0.7 | 1 | 1 |
| Kitchen Sink | 1 | 1.4 | 1.4 | 2 | 2 |
| Dish Washer | 1 | 1.4 | 1.4 | 2 | 2 |
| Washing Machine | 1 | 1.4 | 1.4 | 2 | 2 |
| Floor Drain | 1 | 0 | 0 | 0.5 | 0.5 |
| 2BR Total | | | 12.1 | | 17.5 |
| Total 2 Bath Units in Building | 14 | | 169.4 | | 245 |
| Common Area | | | | | |
| Wall Hydrant | 0 | 3 | 0 | 0 | 0 |
| Water Closet (FT) | 0 | 5 | 0 | 4 | 0 |
| Mop Sink | 0 | 3 | 0 | 2 | 0 |
| Lavatory | 0 | 2 | 0 | 2 | 0 |
| Breakroom Sink | 0 | 1.4 | 0 | 2 | 0 |
| Urinal | 0 | 5 | 0 | 4 | 0 |
| Floor Drain | 0 | 0 | 0 | 2 | 0 |
| Drinking Fountain | 0 | 0.25 | 0 | 1 | 0 |
| Total Common Areas | | | 0 | | 0 |
| | | | COMBINED | COMBINED | |
| Total Residential Load (F.U.) | | | 216 WSFU | | 314 DFU |
| Total Residential Load (GPM) | | | 68 GPM | | |
| | | | 2" Water Service | 6" | 1/8" per foot |
| | | | 1 1/2" Meter | 6" | 1/4" per foot |

Parker
 Building 2
 Domestic Water/ Waste Pipe Sizing Calculation
 Based on 2015 Plumbing Code

| Fixture | Quantity | Total FU/ Fixture | WATER | | WASTE | |
|---------------------------------------|-----------|-------------------|-----------------------------|-----------------|----------------------|--|
| | | | Total Combined | DFU/Fixture | Total DFU | |
| Residential | | | | | | |
| 1 Bath | | | | | | |
| Bathroom Group | 1 | 3.6 | 3.6 | 5 | 5 | |
| Kitchen Sink | 1 | 1.4 | 1.4 | 2 | 2 | |
| Dish Washer | 1 | 1.4 | 1.4 | 2 | 2 | |
| Washing Machine | 1 | 1.4 | 1.4 | 2 | 2 | |
| Floor Drain | 1 | 0 | 0 | 0.5 | 0.5 | |
| 1 BR Total | | | 7.8 | | 11.5 | |
| Total 1 Bath Units in Building | 6 | | 46.8 | | 69 | |
| 2 Bath | | | | | | |
| Bathroom Group | 2 | 3.6 | 7.2 | 5 | 10 | |
| 2nd Lavatory | 1 | 0.7 | 0.7 | 1 | 1 | |
| Kitchen Sink | 1 | 1.4 | 1.4 | 2 | 2 | |
| Dish Washer | 1 | 1.4 | 1.4 | 2 | 2 | |
| Washing Machine | 1 | 1.4 | 1.4 | 2 | 2 | |
| Floor Drain | 1 | 0 | 0 | 0.5 | 0.5 | |
| 2BR Total | | | 12.1 | | 17.5 | |
| Total 2 Bath Units in Building | 22 | | 266.2 | | 385 | |
| Common Area | | | | | | |
| Wall Hydrant | 0 | 3 | 0 | 0 | 0 | |
| Water Closet (FT) | 0 | 5 | 0 | 4 | 0 | |
| Mop Sink | 0 | 3 | 0 | 2 | 0 | |
| Lavatory | 0 | 2 | 0 | 2 | 0 | |
| Breakroom Sink | 0 | 1.4 | 0 | 2 | 0 | |
| Urinal | 0 | 5 | 0 | 4 | 0 | |
| Floor Drain | 4 | 0 | 0 | 2 | 8 | |
| Drinking Fountain | 0 | 0.25 | 0 | 1 | 0 | |
| Total Common Areas | | | 0 | | 8 | |
| | | | COMBINED | COMBINED | | |
| Total Residential Load (F.U.) | | | 313 WSFU | 462 DFU | | |
| Total Residential Load (GPM) | | | 113 GPM | | | |
| | | | 2 1/2" Water Service | 6" | 1/8" per foot | |
| | | | 2" Meter | 6" | 1/4" per foot | |

Parker
 Building 3
 Domestic Water/ Waste Pipe Sizing Calculation
 Based on 2015 Plumbing Code

| Fixture | Quantity | Total FU/ Fixture | WATER | WASTE | Total DFU |
|---------------------------------------|-----------|-------------------|-------------------------|-----------------|----------------------|
| | | | Total Combined | DFU/Fixture | |
| Residential | | | | | |
| 1 Bath | | | | | |
| Bathroom Group | 1 | 3.6 | 3.6 | 5 | 5 |
| Kitchen Sink | 1 | 1.4 | 1.4 | 2 | 2 |
| Dish Washer | 1 | 1.4 | 1.4 | 2 | 2 |
| Washing Machine | 1 | 1.4 | 1.4 | 2 | 2 |
| Floor Drain | 1 | 0 | 0 | 0.5 | 0.5 |
| 1 BR Total | | | 7.8 | | 11.5 |
| Total 1 Bath Units in Building | 16 | | 124.8 | | 184 |
| 2 Bath | | | | | |
| Bathroom Group | 2 | 3.6 | 7.2 | 5 | 10 |
| 2nd Lavatory | 1 | 0.7 | 0.7 | 1 | 1 |
| Kitchen Sink | 1 | 1.4 | 1.4 | 2 | 2 |
| Dish Washer | 1 | 1.4 | 1.4 | 2 | 2 |
| Washing Machine | 1 | 1.4 | 1.4 | 2 | 2 |
| Floor Drain | 1 | 0 | 0 | 0.5 | 0.5 |
| 2BR Total | | | 12.1 | | 17.5 |
| Total 2 Bath Units in Building | 32 | | 387.2 | | 560 |
| Common Area | | | | | |
| Wall Hydrant | 0 | 3 | 0 | 0 | 0 |
| Water Closet (FT) | 4 | 5 | 20 | 4 | 16 |
| Mop Sink | 0 | 3 | 0 | 2 | 0 |
| Lavatory | 3 | 2 | 6 | 2 | 6 |
| Breakroom Sink | 4 | 1.4 | 5.6 | 2 | 8 |
| Urinal | 1 | 5 | 5 | 4 | 4 |
| Floor Drain | 4 | 0 | 0 | 2 | 8 |
| Drinking Fountain | 1 | 0.25 | 0.25 | 1 | 1 |
| Total Common Areas | | | 37 | | 43 |
| | | | COMBINED | COMBINED | |
| Total Residential Load (F.U.) | | | 549 WSFU | | 787 DFU |
| Total Residential Load (GPM) | | | 133 GPM | | |
| | | | 3" Water Service | 8" | 1/8" per foot |
| | | | 2" Meter | 6" | 1/4" per foot |

Parker
 Building 4
 Domestic Water/ Waste Pipe Sizing Calculation
 Based on 2015 Plumbing Code

| Fixture | Quantity | Total FU/ Fixture | WATER | | WASTE | |
|---------------------------------------|-----------|-------------------|-------------------------|-------------|----------------------|--|
| | | | Total Combined | DFU/Fixture | Total DFU | |
| Residential | | | | | | |
| 1 Bath | | | | | | |
| Bathroom Group | 1 | 3.6 | 3.6 | 5 | 5 | |
| Kitchen Sink | 1 | 1.4 | 1.4 | 2 | 2 | |
| Dish Washer | 1 | 1.4 | 1.4 | 2 | 2 | |
| Washing Machine | 1 | 1.4 | 1.4 | 2 | 2 | |
| Floor Drain | 1 | 0 | 0 | 0.5 | 0.5 | |
| 1 BR Total | | | 7.8 | | 11.5 | |
| Total 1 Bath Units in Building | 28 | | 218.4 | | 322 | |
| 2 Bath | | | | | | |
| Bathroom Group | 2 | 3.6 | 7.2 | 5 | 10 | |
| 2nd Lavatory | 1 | 0.7 | 0.7 | 1 | 1 | |
| Kitchen Sink | 1 | 1.4 | 1.4 | 2 | 2 | |
| Dish Washer | 1 | 1.4 | 1.4 | 2 | 2 | |
| Washing Machine | 1 | 1.4 | 1.4 | 2 | 2 | |
| Floor Drain | 1 | 0 | 0 | 0.5 | 0.5 | |
| 2BR Total | | | 12.1 | | 17.5 | |
| Total 2 Bath Units in Building | 35 | | 423.5 | | 612.5 | |
| Common Area | | | | | | |
| Wall Hydrant | 0 | 3 | 0 | 0 | 0 | |
| Water Closet (FT) | 0 | 5 | 0 | 4 | 0 | |
| Mop Sink | 0 | 3 | 0 | 2 | 0 | |
| Lavatory | 0 | 2 | 0 | 2 | 0 | |
| Breakroom Sink | 0 | 1.4 | 0 | 2 | 0 | |
| Urinal | 0 | 5 | 0 | 4 | 0 | |
| Floor Drain | 4 | 0 | 0 | 2 | 8 | |
| Drinking Fountain | 0 | 0.25 | 0 | 1 | 0 | |
| Total Common Areas | | | 0 | | 8 | |
| | | | COMBINED | | COMBINED | |
| Total Residential Load (F.U.) | | | 642 WSFU | | 942.5 DFU | |
| Total Residential Load (GPM) | | | 157 GPM | | | |
| | | | 3" Water Service | | 8" | |
| | | | 2" Meter | | 1/8" per foot | |
| | | | | | 1/4" per foot | |