

**RULES AND REGULATIONS GOVERNING THE CONSTRUCTION,
MAINTENANCE, OPERATION, USE AND PROTECTION OF SANITARY
SEWER SYSTEMS AND THE WATERWORKS SYSTEMS IN THE
PORTAGE COUNTY REGIONAL SEWER DISTRICT AND
STREETSBORO REGIONAL SEWER DISTRICT NO. 4**

Effective: 1/11/2024
Resolution: 24-0032
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Equivalent Building Usage

ITEM 1401 – EQUIVALENT BUILDING USAGE

Section 1401.01 General

The following equivalency table for calculation of trunk sewer and treatment plant capacity requirements is hereby adopted. Capacity unit calculations shall be rounded to the next highest hundredth (0.01); a minimum capacity unit of one (1.00) shall be charged. Any interpretations or additions for users not shown below will be calculated by the Water Resources Department Sanitary Engineer using generally accepted engineering principals and criteria.

Section 1401.02 Equivalent Building Usage Table

BUILDING USAGE	NOTES	TRUNK UNITS*	PLANT UNITS	PER
Airport:		0.0375 0.0100	0.0375 0.0100	Employee Parking Space
Apartment Building:				
1 Bedroom		0.5000	0.5000	Apartment
2 Bedroom		0.7500	0.7500	Apartment
3 Bedroom		0.8750	0.8750	Apartment
4 Bedroom		1.0000	1.0000	Apartment
Assembly/Banquet Halls:		0.0375	0.0375	Employee
Without kitchen facilities		0.0075	0.0075	Seat
With kitchen facilities	A	0.0175	0.0175	Seat
Bar/Tavern:	A	0.0875	0.0875	Seat
Barbershop:		0.2000	0.2000	Chair/Station
Beauty Parlor:		0.5000	0.5000	Basin
Bowling Alley:	A	0.1875	0.1875	Lane
Car Wash:	B B B, C	0.7250 2.1500 7.0000	0.7250 2.1500 7.0000	Hand Bay Auto Bay High Capacity Bay
Campground/Recreational Park:	A, G			
Tent site without shower		0.0750	0.0750	Site

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BUILDING USAGE	NOTES	TRUNK UNITS*	PLANT UNITS	PER
Tent site with shower		0.1500	0.1500	Site
RV site without water hookup		0.2000	0.2000	Site
RV site with water hookup		0.9000	0.9000	Site
Churches:				
Less than 200 without kitchen		0.0075	0.0075	Sanctuary Seat
Less than 200 with kitchen	A	0.0125	0.0125	Sanctuary Seat
200 or more without kitchen		0.0125	0.0125	Sanctuary Seat
200 or more with kitchen	A	0.0175	0.0175	Sanctuary Seat
Coffee Shop:	A	0.0375 0.0125	0.0375 0.0125	Employee Seat
Condominium/Duplex/Townhome:	E	1.0000	1.0000	Living Unit
Convenience Store with Gas Sales:	A	0.0375 0.0125 1.2500	0.0375 0.0125 1.2500	Employee Parking Space Pump Island
Country/Sports/Fraternal Club:	A	0.1250	0.1250	Member
Dance Halls:	A	0.0375	0.0375	Employee
Without kitchen facilities		0.0075	0.0075	Patron
With kitchen facilities		0.0175	0.0175	Patron
Daycare Facility:	A	0.0875 0.0250	0.0875 0.0250	Employee Child
Dentist/Doctor Office:		0.0875 0.0250 0.1875	0.0875 0.0250 0.1875	Employee Patient Dentist/Doctor
Drive Inn Theater	A	0.0250	0.0250	Car Space
Factories:				
Without showers		0.0625	0.0625	Employee
With showers		0.0875	0.0875	Employee
Food Service Operations:	A			
Ordinary Restaurant < 24 hrs.		0.0875	0.0875	Seat
Ordinary Restaurant 24-hrs.		0.1500	0.1500	Seat
Fast Food < 24 hrs.		0.0625	0.0625	Seat

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Fast Food 24-hrs. Curb Service		0.0875 0.0620	0.0875 0.0620	Seat Parking space
Hospitals – No Resident Personnel:	A	0.0875 0.7500	0.0875 0.7500	Employee Bed
House:		1.0000	1.0000	Living unit
Laundries- Coin Operated:		1.0000 0.0450	1.0000 0.0450	Wash machine Employee
Mobile Home Park:		0.7500	0.7500	Trailer
Motel/Hotel:	A	0.2500	0.2500	Sleeping room
Nursing/Rehab/Assisted Living Facility:	A	0.2500 0.1250 0.5000	0.2500 0.1250 0.5000	Resident employee Employee, non res Bed
Office Building:		0.0500	0.0500	Employee
Playground/Day Park:		0.0375 0.0300	0.0375 0.0300	Employee Parking space
Retail Store:		0.0375 0.0300	0.0375 0.0300	Employee Parking space
School:	A	0.0375	0.0375	Employee
Elementary		0.0375	0.0375	Pupil
Middle and High		0.0500	0.0500	Pupil
Service Station	B	1.2500 1.2500	1.2500 1.2500	Service Bay Pump Island
Shopping Center:	A			
Without food service		0.0050	0.0050	Parking space
With food service		0.0125	0.0125	Parking space
Swimming Pools:				
Without showers		0.0125	0.0125	Swimmer
With showers		0.0250	0.0250	Swimmer

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BUILDING USAGE	NOTES	TRUNK UNITS*	PLANT UNITS	PER
Theater:	A	0.0125	0.0125	Seat
Vacation Cottage:	A			
Without kitchen		0.1250	0.1250	Person
With kitchen		0.1875	0.1875	Person
Veterinarian Office/Animal Hospital:	F	0.0250	0.0250	Kennel/Cage/Run
		0.0500	0.0500	Employee
		0.2500	0.2500	Doctor
Youth & Recreation Camps:	A			
Day camp without food service		0.0375	0.0375	Camper/Employee
Day camp with food service		0.0750	0.0750	Camper/Employee
Overnight with or without food		0.1250	0.1250	Camper/Employee

- NOTES:
- A. Approved outside grease interceptor required with kitchen facilities.
 - B. Approved outside oil interceptor required.
 - C. Water recycling system required.
 - D. Laundry Wastes Require Special Consideration--Consult Sanitary Engineer.
 - E. One unit per single-family living unit.
 - F. Outside trash trap may be required if over 10 kennels.
 - G. RV Dump Stations to be pumped out and hauled away.

* One unit equals the trunk and plant capacity requirements of a single-family residence which is estimated at 400 gallons per day of wastewater.

- END OF ITEM -