TOWN OF LOS ALTOS HILLS
GUIDELINES FOR RESIDENTIAL SERVICE DESIGN LOAD INFORMATIONS

COMPLETED BY:_____ DATE:_____

SERVICE ADDRESS:_____ PHONE:_____

WASTEWATER UTILITY: SEWER CUSTOMER DEMAND DATA TABLE-FIXTURE UNIT COUNTS
* FOR RESIDENTIAL ONLY *

FIXTURE TYPE	NO. OF FIXTURES	MULTIPLY BY FIXTURE UNIT	FIXTURE UNITS
BAR SINK		1.0	
BATHROOM SINK		1.0	
BATHTUB OR COMBINATION BATH/SHOWER		2.0	
BIDET		2.0	
CLOTHES WASHING MACHINE		3.0	
DISHWASHER		2.0	
HOT TUB/SPA		2.0	
KITCHEN SINK		2.0	
LAUNDRY SINK		2.0	
SHOWER HEAD (EACH HEAD)		2.0	
TOILET (GRAVITY TANK)		3.0	
WHIRLPOOL BATH OR COMBINATIONS BATH/SHOWER		2.0	
TOTAL FIXTURE UNITS:			

TABLE 7-3
Drainage Fixture Unit Values (DFU)

Inch	mm
1-1/4	32
1-1/2	40
2	50
2-1/2	65
3	80

Plumbing Appliance, Appurtenance or Fixture	Min. Size Trap and Trap Arm[7]	Private	Public	Assembly[8]
Bathtub or Combination Bath/Shower	1-1/2"	2.0	2.0	
Bidet	1-1/4"	1.0		
Bidet	1-1/2"	2.0		
Clothes Washer, domestic, standpipe[5]	2"	3.0	3.0	3.0
Dental Unit, cuspidor	1-1/4"		1.0	1.0
Dishwasher, domestic, with independent drain	1-1/2"[2]	2.0	2.0	2.0
Drinking Fountain or Watercooler (per head)	1-1/4"	0.5	0.5	1.0
Food-waste-grinder, commercial	2"		3.0	3.0
Floor Drain, emergency	2"		0.0	0.0
Floor Drain (for additional sizes see Section 702)	2"	2.0	2.0	2.0
Shower single head trap	2"	2.0	2.0	2.0
Multi-head, each additional	2"	1.0	1.0	1.0
Lavatory, single	1-1/4"	1.0	1.0	1.0
Lavatory in sets of two or three	1-1/2"	2.0	2.0	2.0
Washfountain	1-1/2"		2.0	2.0
Washfountain	2"		3.0	3.0
Mobile Home, trap *[Not Adopted by HCD]*	3"	12.0		
Receptor, indirect waste[1,3]	1-1/2"		See footnote 1,3	
Receptor, indirect waste[1,4]	2"		See footnote 1,4	
Receptor, indirect waste[1]	3"		See footnote 1	
Sinks				
Bar	1-1/2"	1.0		
Bar	1-1/2"[2]		2.0	2.0
Clinical	3"		6.0	6.0
Commercial with food waste	1-1/2"[2]		3.0	3.0
Special Purpose	1-1/2"	2.0	3.0	3.0
Special Purpose	2"	3.0	4.0	4.0
Special Purpose	3"		6.0	6.0
Kitchen, domestic (with or without food-waste-grinder and/or dishwasher)	1-1/2"[2]	2.0	2.0	
Laundry (with or without discharge from a clothes washer)	1-1/2"	2.0	2.0	2.0
Service or Mop Basin	2"		3.0	3.0
Service or Mop Basin	3"		3.0	3.0
Service, flushing rim	3"		6.0	6.0
Wash, each set of faucets			2.0	2.0
Urinal, integral trap 1.0 GPF[2]	2"	2.0	2.0	5.0
Urinal, integral trap greater than 1.0 GPF	2"	2.0	2.0	6.0
Urinal, exposed trap	1-1/2"[2]	2.0	2.0	5.0
Water Closet, 1.6 GPF Gravity Tank[6]	3"	3.0	4.0	6.0
Water Closet, 1.6 GPF Flushometer Tank[6]	3"	3.0	4.0	6.0
Water Closet, 1.6 GPF Flushometer Valve[6]	3"	3.0	4.0	6.0
Water Closet, greater than 1.6 GPF Gravity Tank[6]	3"	4.0	6.0	8.0
Water Closet, greater than 1.6 GPF Flushometer Valve[6]	3"	4.0	6.0	8.0

1. Indirect waste receptors shall be sized based on the total drainage capacity of the fixtures that drain therein to, in accordance with Table 7-4.
2. Provide a 2" (51 mm) minimum drain.
3. For refrigerators, coffee urns, water stations, and similar low demands.
4. For commercial sinks, dishwashers, and similar moderate or heavy demands.
5. Buildings having a clothes washing area with clothes washers in a battery of three (3) or more clothes washers shall be rated at six (6) fixture units each for purposes of sizing common horizontal and vertical drainage piping.
6. Water closets shall be computed as six (6) fixture units when determining septic tank sizes based on Appendix K of this Code.
7. Trap sizes shall not be increased to the point where the fixture discharge may be inadequate to maintain their self-scouring properties.
8. Assembly [Public Use (See Table 4-1)].

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