

Chamber Worksheet

FIXTURE COUNT CALCULATION CHART

FIXTURE TYPE	UNIT		# OF FIXTURES		TOTAL FIXTURE UNITS
Bath Tub	2	X		=	
Bidet	2	X		=	
Clothes Washer	2	X		=	
Dishwasher (separate from kitchen)	2	X		=	
Lavatory (bathroom sink), single	1	X		=	
Lavatory, double in master bedroom	1	X		=	
Shower, single stall	2	X		=	
Sink, bar	1	X		=	
Sink, kitchen (including dishwasher)	2	X		=	
Sink, service	3	X		=	
Utility Tub or Sink	2	X		=	
Water Closet (toilet), 1.6 GPF	3	X		=	
Water Closet (toilet), >1.6 – 3.2 GPF	4	X		=	
Water Closet (toilet), >3.2 GPF	6	X		=	
TOTAL FIXTURE UNITS:					

Items in **BOLD** are the most commonly used fixtures

"Bedroom" means, for the purposes of determining design flow for an on-site wastewater treatment facility for a dwelling, any room that has:

- a) Floor space of at least 70 square feet in area, excluding closets;
- b) Ceiling height of at least 7 feet;
- c) Electrical service and ventilation;
- d) A closet or an area where a closet could be constructed;
- e) At least one window capable of being opened and used for emergency egress; and
- f) A method of entry and exit into the room which allows it to be considered distinct from other rooms in the dwelling to afford a level of privacy customarily expected for such a room.

Bedroom/Equivalent Worksheet	
Room Type	Number of Rooms
Bedroom	
Den	
Office	
Other:	
Other:	
Other:	
Total:	

TYPE OF CHAMBER (ÓΠÓΣ ONE):	QUICK4 PLUS STANDARD LP	QUICK4 HIGH CAPACITY	ARC 36LP	ARC 36 HC
TANK SIZE (from Septic System Sizing Chart)	=	_____		Proposed Number of Trenches _____
DESIGN FLOW (from Septic System Sizing Chart)	=	_____		Proposed Number of Chambers per Trench _____
PERCOLATION RATE (from the Soils Report or Disposal Area Calculation Table)	=	_____		Proposed Width of each Trench _____
SOIL ABSORPTION RATE (from the Soils Report or Disposal Area Calculation Table)	=	_____		Proposed Length of each Trench _____
TOTAL SQUARE FOOTAGE REQUIRED (divide DESIGN FLOW by SAR or use Design Flow Calculation Table)	=	_____		Proposed Overall Depth of each Trench _____
<ul style="list-style-type: none"> • QUICK4 PLUS STANDARD LP divisor is 24.62 per unit • QUICK4 HIGH CAPACITY divisor is 28.40 per unit • ARC 36LP divisor is 29.75 per unit • ARC 36 HC divisor is 34.43 per unit 				Separation Between Trench Edges _____
DIVISOR USED (provided and recommended by manufacturer)	=	_____		
TOTAL NUMBER OF CHAMBERS (divide the TOTAL SQUARE FOOTAGE by the DIVISOR)	=	_____		
TOTAL LINEAR LENGTH OF TRENCH REQUIRED (multiply NUMBER OF CHAMBERS by chamber length: QUICK 4 = 4', ARC 36 = 5' per chamber)	=	_____		

- The maximum length for any disposal field is 100'. If the total linear length of trench is greater than 100', use a distribution box to divide the total length into multiple trenches of equal length to distribute the effluent more effectively throughout the disposal field.
- The separation between the chamber trench walls is a minimum of 5'.
- Additional inspection risers, placed in the center of the trench, are required for any trench greater than 50' in length.
- For contoured installations, chambers can swivel up to 10 degrees, left or right.

Permit/File #:

Designed by:

Date: