

BATHER LOAD & FIXTURE QUANTITIES COMPUTATIONS PROPOSED POOL

Information based:
 105 CMR 435.00 State Sanitary Code/ 248 CMR 10.00 Uniform State Plumbing Code

Bather Load			
	Non Swimmer Area (<5'-0" depth)	Swimmer Area (>5'-0" depth)	
Area Pool (15,000sf)	7,620sqft	2,200sqft	
Area of Wading Pool	sqft	sqft	
Total pool surface area	7,620sqft	2,200sqft	
One bather/user per (pool surface area)	15sqft	20sqft	
Number of Bathers/users	508	110	618
Number of Male Bathers/Users	254	55	309
Number of Female Bathers/Users	254	55	309

Plumbing Fixture Quantities Based on Maximum Bather Load				
	Men	Women		
One Water Closet Per	40 bathers	40 bathers		
One Wash Basin Per	60 bathers	60 bathers		
One Shower Per	40 bathers	40 bathers		
	Men	Provided	Women	Provided
Number of Water Closet's (Includes Urinal in Men's Room)	8	8	8	8
Number of Wash Basin's	6	6	6	6
Number of Shower's	8	8	8	8

Note: Proposed Fixture Counts Include Gender Neutral and Staff Facilities.