



NOTES:

1. SEE ALTERNATE CONCEPT FOR RAIN WATER RECYCLING SYSTEM
2. FIXTURE LOCATIONS ARE CONCEPTUAL ONLY; KEY OPERATIONAL DIMENSIONS NOTED
3. ATTIC TANK TO HAVE NO ELECTRICAL COMPONENTS AND BE FITTED WITH AN EXPANSION TANK
4. GRAY WATER HOLDING TUB SHALL DRAIN BY GRAVITY TO DISPOSAL SYSTEM, FILTER AND DISINFECTION AT OR BEFORE TANK.
5. PUMP SHALL BE SIZED FOR REQUIRED PRESSURE HEAD, MINIMAL ENERGY USE.
6. PUMP/FILTER/DISINFECTION SYSTEM SHALL START BASED ON BACK PRESSURE FROM ATTIC TANK AND ALSO BE EQUIPPED WITH A TIMED CYCLE OVER-RIDE;
7. ASSUME 60 GPD PER PERSON, 2 PERSONS PER BEDROOM, 4 FLUSHES PER DAY; AT FOUR BEDROOMS USE 1560 GALLONS PER MONTH FOR FLUSH, DISCHARGE APPROXIMATELY 13,200 GALLONS PER MONTH
8. GRAY WATER INFILTRATION BY GRAVITY, SET AT 1/4" PER FOOT, 1 TO 2 FEET BGS, 2 FEET ABOVE GROUNDWATER MINIMUM. SYSTEM DESIGN DEPENDS ON LOCAL SOIL CONDITIONS, ADJACENT STRUCTURES, AND SITE GRADING.
9. GRAY WATER USE WITHIN RESIDENTIAL BUILDING SUBJECT TO WAIVER BY NYCDOB
10. GRAY WATER DISCHARGE TO GROUNDWATER SUBJECT TO NYCDEP/NYSDEC APPROVALS