



- Notes**
1. This design is valid for brick strength not below 35kg/sq.cm.
 2. Foundation design is only indicative & may need review based on local site conditions.
 3. For masonry water tank, the foundation shall be in 230mm brick up to the base of the tank.
 4. Mortar 1:4 for 115mm thick masonry. No reinforcement bars in alternate courses.
 5. This design is valid for earth quake zone I, II & III only
 6. No water supply or waste water carrying pipe shall be concealed in the masonry wall. It shall be exposed and fixed with clips and not chased in masonry walls.
 7. In case the masonry specification is changed from that given here, maintain the internal clear dimensions and the layout and provide suitable redesigned foundation.
 8. Sloping roof overhang and its anchorage design may need review in cyclone prone regions.
 9. In case roof specifications are changed from that given here (e.g. flat roof in stone or RCC) provide suitable strengthening of masonry while maintaining all internal clearances in the layout design.
 10. Location of leach pits, soak pits, waste drainage pipes & inspection chamber is indicative only. Actual location to be decided based on site conditions.
 11. Minimum distance of leaching pit from building foundation to be 125cm in different soil types.
 12. Design of leach pit shown is for 80 children with its volume sufficient for catering approximately one year in different soil types. For higher capacity or longer duration, design will need review.

- Key to symbols:**
1. - - - - - Pipe carrying waste water from wash area to flush urinals.
 2. - - - - - Open / Covered drain for waste from Urinal / Squatting pan.
 3. [Hatched pattern] Masonry wall.
 4. [Dotted line] Roof line.

Area calculation	
Boys toilet block	5.08 sqm
Landing + Steps	1.06 sqm
Total Overall Area	6.16 sqm
Total Covered Area	5.28 sqm

Schedule of openings		
Name	Size	W x H
D3	800x2100	
D4	700x2100	
V2	450x450	

Proposed Toilet Plan

Scale: [Graphic scale bar]

All dimensions are in mm.

Note: The Unit Cost of Toilet varies from State to State. However, the national average cost of construction for Boys' Toilet Block is Rs. 1.20 lakhs.