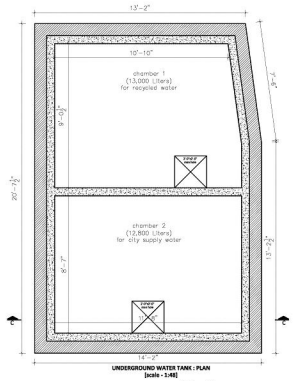
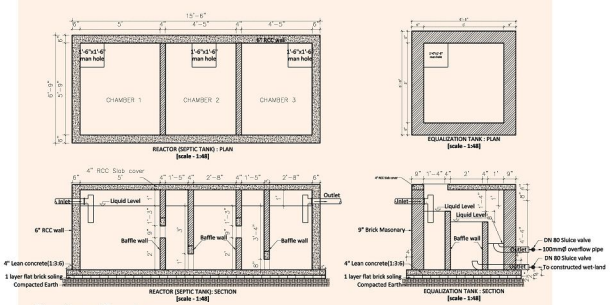
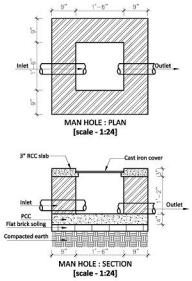
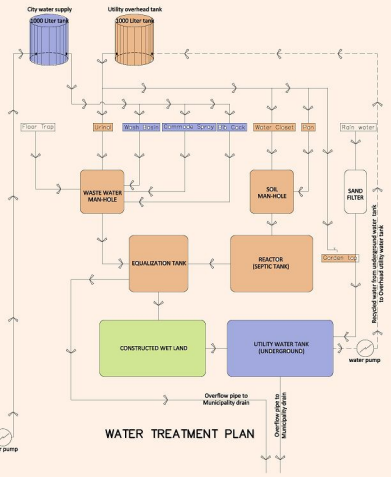






TRASH BIN WITH NO TOUCH LID



WATER TREATMENT PLAN

Design Features

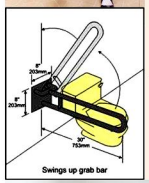
3R Concept (Reduce, Recycle and Reuse): The design has intended to maximize the utilization of the natural resources such as natural ventilation, daylight, rain water harvesting, grey water recycling, plantations to enhance the outdoor ambience and contribute in fresh air, and use of PVC panels for artificial lighting.

Potable water (from city supply) is given only for bib–cock (tap), wash basin and drinking water in order to conserve water.Rain water harvesting: water are collected from the slope roof by means of gutters and pipes and filtered from sand filter and supplied to utility water tank for further use.

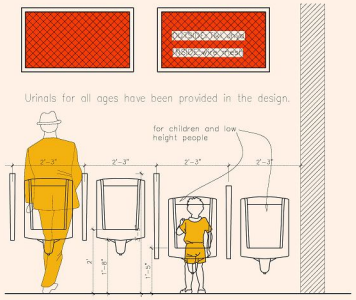
Designed considers seismic vulnerability by providing tie up RCC bands in the foundation and at regular interval of three feet in superstructure.

Design includes the provision of fire alarms and fire extinguisher inside the building.

TACTILE SUFACE FOR VISUALLY IMPAIRED PEOPLE

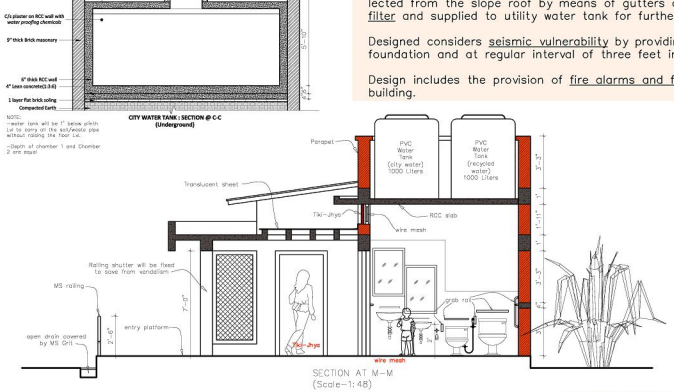


USE OF GRAB BARS IN TOILET

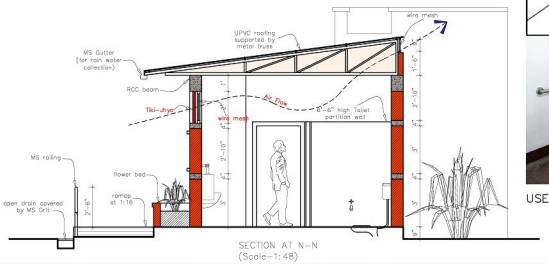


Urinals for all ages have been provided in the design.

GENT'S TOILET: URINAL AREA
(URINAL MOUNTED AT VARIOUS HEIGHT
TO FACILITATE LOW HEIGHT PEOPLE AND CHILDREN)



SECTION AT M–M
(Scale–1; 48)



SECTION AT N–N
(Scale–1; 48)

AERIAL VIEW

3D VIEW

Appropriate and Low Cost Technology

Load bearing system – The design avoids the complex construction technologies and can be built under minimal skilled labor.

Truss structure – saves expenses on roof construction and also expedites the construction process
UPVC corrugated sheet – resembles with the ?jhingati? tiles and at the same time it provides more comfort in terms of heat and sound insulation as compare with CGI sheet roof.

Introduce the toilet design to the community so that any interested contributors such as brick manufacturers, UPVC suppliers, bathroom tile producers or other toilet goods supplier (materials or lending of construction equipments) may be able to contribute for this universal public toilet. All the contributors (materials or labor) will be appreciated and mentioned in a contributor?s name list in the building. Major contributors can be awarded with free advertisement spot for their products for significant period of time.

Universal Design
PUBLIC TOILET FOR ALL

Proposed site:	Sheet Title:	Sheet No. 2
Kathmandu Durbar Square | Kathmandu	SANITARY DETAILS, SECTIONS, 3D VIEWS	Scale - 1:48