

RWH and DWWT

(after-training events)

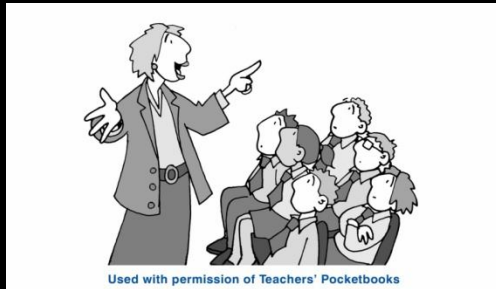
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Scope of Works with RWH

- In academic program and University services



- In the professional practice



- In the social arena

Academic Program

**Imparting Urban Rain Water Harvesting and
Decentralized Waste Water Management**

in

The academic course in Department of
Architecture, BRAC University.

Two types of courses are there

- 1.Theories
- 2.Design Studios

Theory Courses

ARC 452 Design for the Environment

2 credits.

Built form and environment interactions and impacts. Materials and resource use in building construction. Energy consumption in building construction and use, means of optimization. Alternative energy use. Passive design options. Recycling of building materials and components. Sustainable design. Bioclimatic buildings.

Newly Added

Water as an element of environment, which has to be addressed, while designing any architectural and urban-design project

Structure of the study in the theory course

- Water as an issue of Built Environment
- Source of water
- Reality (water source scarcity)
- Solution : Rain water harvesting / ground water recharge and waste water management.
- Design Principle and Calculation
- Domestic level
- Community level

Studio Courses

City and Community based and individual structures.

- Rangpur
- Bagerhat.
- Sylhet
- Dhaka

In terms of Urban Agriculture, Storm Water Management for Ecological Landscaping and Potable Water Source

Rain Center

Collaboration between WATER AID and BRACU, Department of Architecture for further Research and Design.

RWH and DWWT for Residential Campus

Services in the University



800 students, 30/50 personnel

Residential Campus

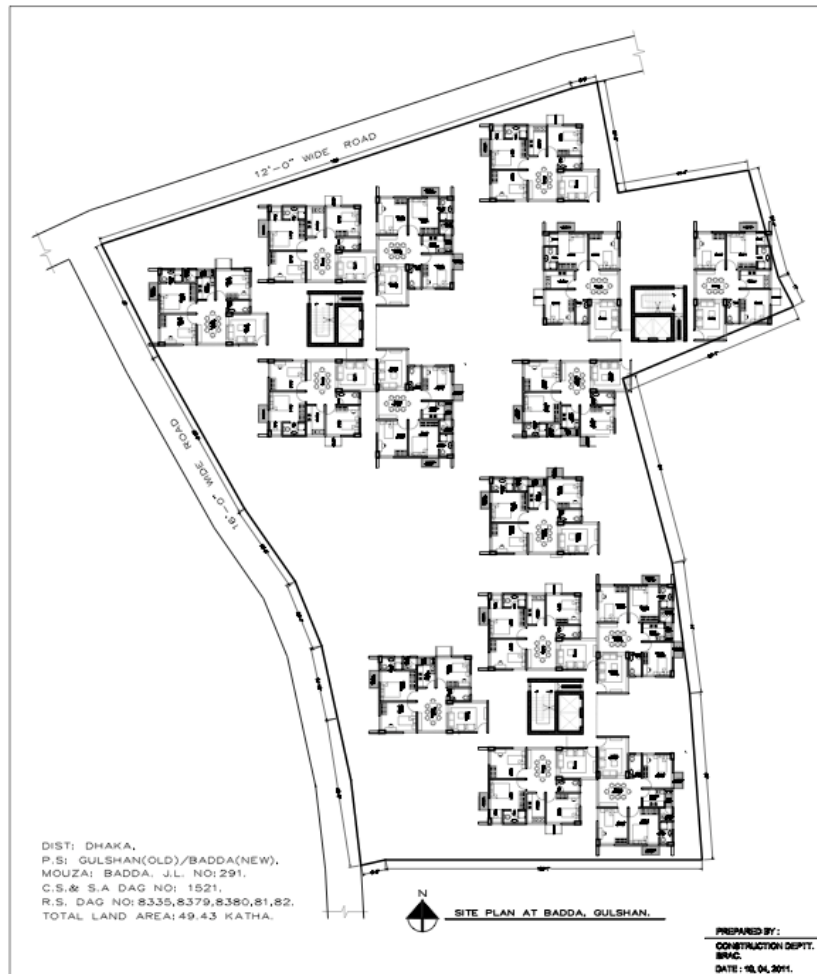


Theory and practical demonstration with regular utility on RWH and DWWT



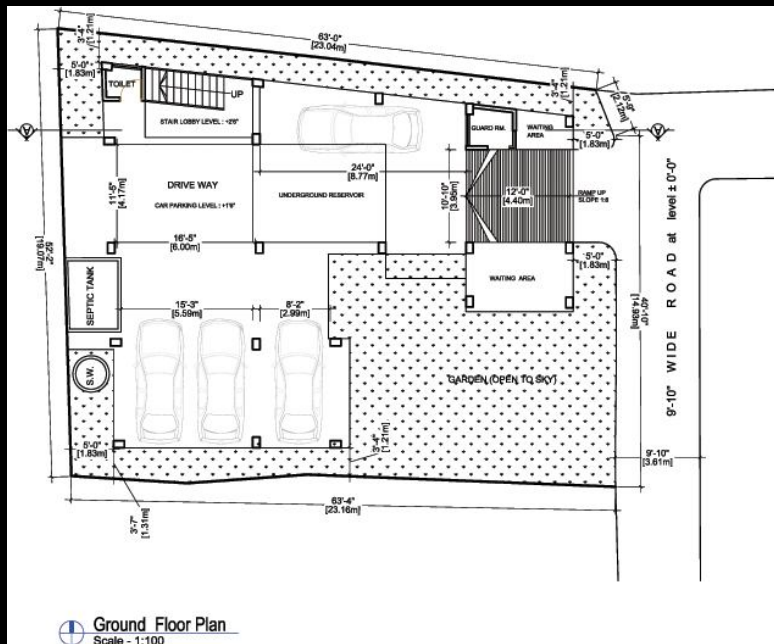
800 students x 3 semseter =2400 students/ year

Professional Architect



144 unit BRAC staff housing at Aftabnagar, Dhaka, with three ten storied High-rise Block

Professional Architect



5 storied Private residence
at Rangpur City

Social Arena

Awareness program in Student clubs and forums ;
“Earth and Environment forum”.

Seminars and workshops have been arranged and
Rain forum was acting a vital role in these programs.





RWH at Gulshan youth Club.



THNAK YOU