



Calculation for requirement of water for building at R2-C-VIII at Plot No. IE/23, in AA-II of New Town, Kolkata Under New Town Police Station.

- Total Population: 1983
- No. of Permanent Population: 171
- Cap. of OHR Required (50% UGR) = 1412
- Water Requirement Per Head Per Day of Permanent Population @ 200 ltr. = 411200 = 94200 ltr.
- Water Requirement Per Head Per Day of Floating Population @ 65 ltr. = 126855 = 91790 ltr.
- Total Water Requirement Per Day = 165990 ltr.
- Cap. of Domestic UGR Required = 165990 ltr.
- Cap. of Domestic UGR Provided = 165000 ltr.
- Cap. of OHR Required (50% UGR) = 82995 ltr.
- Cap. of OHR Provided = 50000 ltr.
- Cap. of OHR for Flushing Provided = 30000 ltr.
- Cap. of Fire UGR = 1500000 ltr. = 300000 ltr.
- Cap. of Fire OHR = 20000 ltr.

THE LEGEND

--- WASTE WATER LINE TO STP
 --- WATER SUPPLY LINE TO BLDG

NOTES:

- ALL DIMENSIONS ARE IN METERS.
- DEPTH OF FOUNDATION OF U.G. SHALL NOT GO BEYOND THE DEPTH OF EXISTING FOUNDATION.
- ALL LEVELS OF FOUNDATION WILL BE INDICATED AT THE TIME OF CONSTRUCTION.
- CONCRETE SHALL BE OF GRADE M20.
- ROOFING SHALL BE AS PER ARCHITECTURAL DRAWINGS.
- ALL STRUCTURAL MEMBERS SHALL BE OF GRADE M20 WITH 10MM THICK LINES.
- NOTES OTHERWISE MENTIONED SHALL BE AS PER ARCHITECTURAL DRAWINGS.
- FOR FURTHER DETAILS REFER TO ARCHITECTURAL DRAWINGS.

SIGNATURE OF ARCHITECT
MR. ANIRBAN BANERJEE
 ANIRBAN BANERJEE
 ANIRBAN BANERJEE ARCHITECTS
 10/1, 1ST FLOOR, 1ST CROSSING,
 KOLKATA-700015

SIGNATURE OF STRUCTURAL CIVIL ENGINEER
MR. UTPAL SANITRA
 UTPAL SANITRA
 UTPAL SANITRA CIVIL ENGINEER
 ENROLLMENT NO. STERN/00000011
 10/1, 1ST FLOOR, 1ST CROSSING,
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PROPOSED 1B-1B-G-VIII STORED OFFICE BUILDING
 AT PLOT NO. IE/23 IN AA-II OF NEW TOWN, KOLKATA,
 UNDER NEW TOWN POLICE STATION

CONSULTANT:
M.N. CONSULTANTS ONE DESIGN SOLUTIONS
 HING HOUSING SOCIETY MAIN ROAD,
 KOLKATA - 700107.

SCALE: 1:100 (L.S.)
DATE: 07/07/2018
CHECKED BY: ANIRBAN BANERJEE
 Design Development
 Construction Drawing
 Other

DRAWING TITLE:
GROUND FLOOR PLAN SHOWING WATER LINE LAYOUT, DETAIL OF UGR & OHR

DWG NO.: MNV-AR-FR-110 **REV NO.:** R0

Service
WATER

PARTY'S COPY
WATER SUPPLY LINE AVAILABLE

USE THIS DRAWING TO OBTAIN WATER SUPPLY
SCHEDULES AND TO OBTAIN LABOR PLAN
- Plan - KITE 000232018 0306

Dt: 21-Mar-2018

Sayantani Majumdar
Asst. Chief Architect
New York State Development Authority

S. Chatterjee
State
Chief Architect
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