



SHEET NO. 01A

**WATER CALCULATION**

Block-1 WATER CALCULATION  
 No. of Persons for Block = 150 Nos.  
 (Ø 6.5m; per person basis)  
 Water requirement for shops = (150 x 45) = 6750 Lts.  
 (Ø 6.5m; per person)  
 Water required for cots = 24x 20 = 480 lts.

FOR RESIDENTIAL PART

FLOOR	FLAT-MOD	TYPOLGY	No of person in BHK + floors + water requirement/person (Ø 5.5m; per person)
1ST.	C	4BHK	(8x4x135) = 1080 lts.
2ND.	B	4BHK	(8x4x135) = 1080 lts.
7TH.	C	4BHK	(8x4x135) = 1080 lts.

TOTAL IN WATER REQUIREMENT = 22440 lts.

Considering 10% wastage = 24684 lts.  
 NET WATER REQUIRED FOR BLOCK-1 = 32307 lts.  
 Capacity required for U.G.W.R. For Block-1 = 32307 x 60% lts.  
 (DOE of net water requirement) = 19384 lts.  
 Capacity required for O.H.W.R. For Block-1 = 32307 x 40% lts.  
 (DOE of net water requirement) = 13003 lts.

Block-2 WATER CALCULATION

FOR RESIDENTIAL PART

FLOOR	FLAT-MOD	TYPOLGY	No of person in BHK + floors + water requirement/person (Ø 5.5m; per person)
1ST.	D	4BHK	(8x4x135) = 1080 lts.
2ND.	E	4BHK	(8x4x135) = 1080 lts.
6TH.	F	4BHK	(8x4x135) = 1080 lts.
7TH.	D	4BHK	(8x4x135) = 1080 lts.

TOTAL IN WATER REQUIREMENT = 28980 lts.

Water required for cots = 66x 20 = 1320 lts.  
 Considering 10% wastage = 2940 lts.  
 NET WATER REQUIRED FOR BLOCK-2 = 32340 lts.  
 Capacity required for U.G.W.R. For Block-2 = 32340 x 60% lts.  
 (DOE of net water requirement) = 19404 lts.  
 Capacity required for O.H.W.R. For Block-2 = 32340 x 40% lts.  
 (DOE of net water requirement) = 12936 lts.

**FIRE WATER CALCULATION**

PROPOSED CAPACITY OF U.G.W.R. FOR BLOCK-1 FOR FIRE = 1,00,000 LITS.  
 PROPOSED CAPACITY OF O.H.W.R. FOR BLOCK-1 FOR FIRE = 10,000 LITS.  
 PROPOSED CAPACITY OF U.G.W.R. FOR BLOCK-2 FOR FIRE = 1,00,000 LITS.  
 PROPOSED CAPACITY OF O.H.W.R. FOR BLOCK-2 FOR FIRE = 10,000 LITS.

**GENERAL NOTES**

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- ALL EXTERNAL WALLS ARE 200 MM & INTERNAL WALLS ARE 125 MM.
- ALL CHANGING ARE 125 MM & 100 MM PROJECTED.
- DO NOT UNDERSTAND WHICH RESERVATION SHOULD NOT EXCEED THE DEPTH OF FOUNDATION.
- GRADE OF CONCRETE & GRADE OF STEEL TO BE USED AS PER STRUCTURAL ENGINEER'S SPECIFICATION.
- R.C.C. FRAMED STRUCTURE.
- ANY DISCREPANCY IN SCALE, THE WRITTEN DIMENSION SHALL GOVERN.
- FOR SPECIFICATION OF MATERIALS & WORKMANSHIP NEED TO BE FOLLOWED.
- OTHER TERRACE WITH SLOPE TERRACING OF RATIO 2:2:7.
- ALL WORK PROOF COURSE TO BE PROVIDED WITH P.C.C. (1:2:4).

**SCHEDULE OF LAND**

- MOUZA - DABURAM
- J.L. NO. - 02
- KHASTAN NO. - 477/1, 477/2(R.S.), 4220(R.)
- PLAT NO. - (R.S.) 586/AB2, 585
- AREA - (L.S.) 136.135/155/151/500
- SHEET NO. - (R.S.) 8, (L.R.) 39
- POLICE STATION - BHAKTRAGAR
- DISTRICT - JALPAIGURI

**DECLARATION OF ARCHITECT**

I DO HEREBY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF S.C.A.C. BUILDING RULES AND HAS AMENDED TIME FRAME WITH THE WRITING OF THE ARCHITECT. THESE CONFORM WITH THE BUILDING PLAN AND (G+1) STORED CLUB BUILDING FOR RESIDENTIAL USE ONLY OF SDOH SVAKAK BUILDERS AT PRANAMI MANDIR ROAD, 17078 NAGAR, P.O. SAUGUR, P.S. BHAKTRAGAR, DIST. JALPAIGURI.

**DECLARATION OF OWNER**

I DECLARE THAT I SHALL NOT AT ANY TIME MAKE ANY ADDITION OR ALTERATION TO THIS PLAN, DECLARE THAT I HAVE GONE THROUGH THE RULES AND REGULATIONS OF THE RELEVANT AUTHORITY AND ALSO UNDERTAKEN TO ABIDE BY THESE RULES AND REGULATIONS DURING AND AFTER THE CONSTRUCTION OF THE BUILDING. I MAY APPOINT A LICENSED PERSON FOR SUPERVISION DURING CONSTRUCTION.

SIGNATURE OF ARCHITECT

SIGNATURE OF OWNER

SIGNATURE OF PLUMBER

**PROJECT**  
 PROPOSED (PARTLY B+L+G+U.G.+W) STORED RESIDENTIAL CUM COMMERCIAL BUILDING(TOWER-1), (B+G+W) 3 STORED RESIDENTIAL BUILDING(TOWER-2) AND (G+1) STORED CLUB BUILDING FOR RESIDENTIAL USE ONLY OF SDOH SVAKAK BUILDERS AT PRANAMI MANDIR ROAD, 17078 NAGAR, P.O. SAUGUR, P.S. BHAKTRAGAR, DIST. JALPAIGURI.

**TITLE**  
 WATER SUPPLY

SCALE : 1:100

DRAWN BY: MUMTA ROY

CHECKED BY: PARIA DAS

DATE-15.12.2022

DRG. NO. :- MAVA/303/S.M.C

ARCHITECT:

**Mass & Void** Architect & Interior Consulting

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