provisions for Solar Water Heating Systems

Solar Water Heating System should be installed on the building for the following uses at the per capita capacity mentioned as under :-

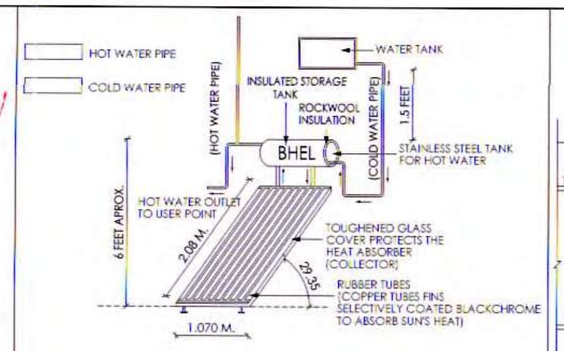
Type of Buildings	Per Capita Capacity
1) Hospitals	-100 Ltrs./day/person.
2) Ho tels	--150 Ltrs./day/person
3) Hostel & other such buildings	--25 Ltrs./day/person.
4) Resident	--25 Ltrs./day/person.

If the provisions as above is not made, the occupancy certificate will not be issued from NMC

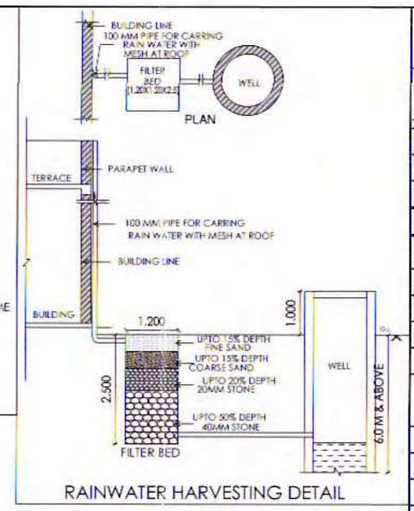
The Rain Water Harvesting is required to be provided as per Direction of Govt. of Maharashtra No. TPB 432001/2133 CR - 230/ 01/UD-II, dated 10th March, 2005 as per schedule for every 300 sq.mtrs. built-up area. The system may be by open well 1 mtr. dia x mtrs. deep with filteration chamber for every 300 sq.mtr. built-up area. Other options mentioned in the schedule may be adopted

a) The authority may impose a levy of Rs. 1000/- per annum for every 100 sq.mts. of built-up area, for failure of the owner of the building.

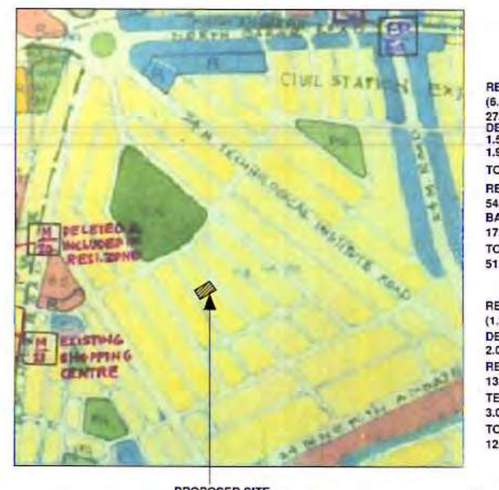
OFFICE OF THE CORPORATION OF THE CITY NAGPUR.
Building Permit No.: 315/LBP/Bombay/
Date:
SANCTIONED
subject to conditions mentioned in the building permit
Assistant Director
Town Planning
Nagpur Municipal Corporation



SOLAR WATER HEATING SYSTEM



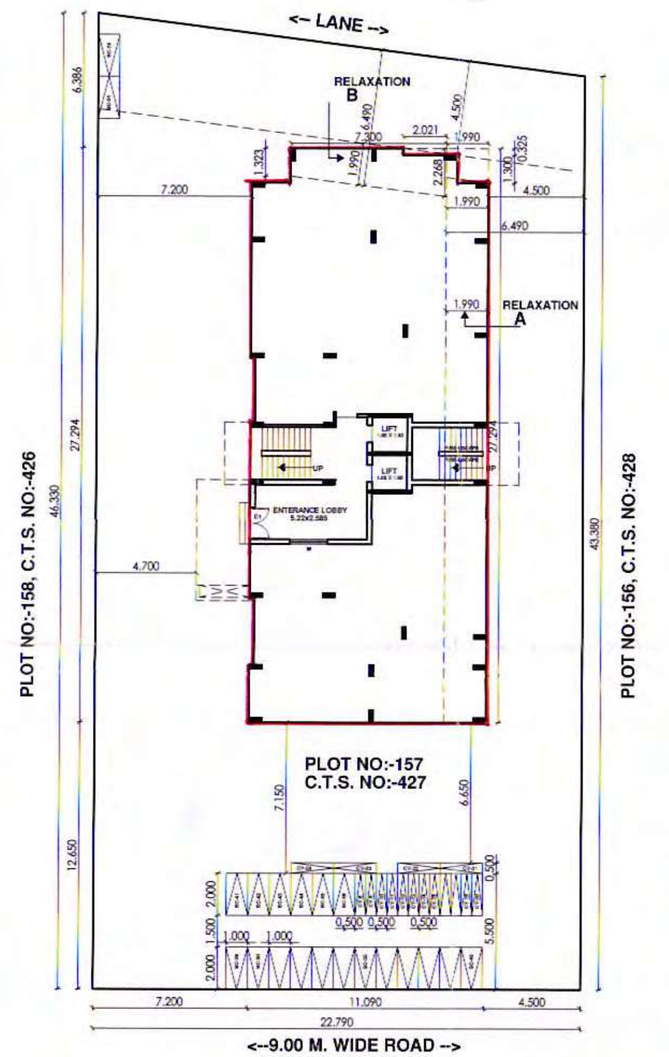
RAINWATER HARVESTING DETAIL



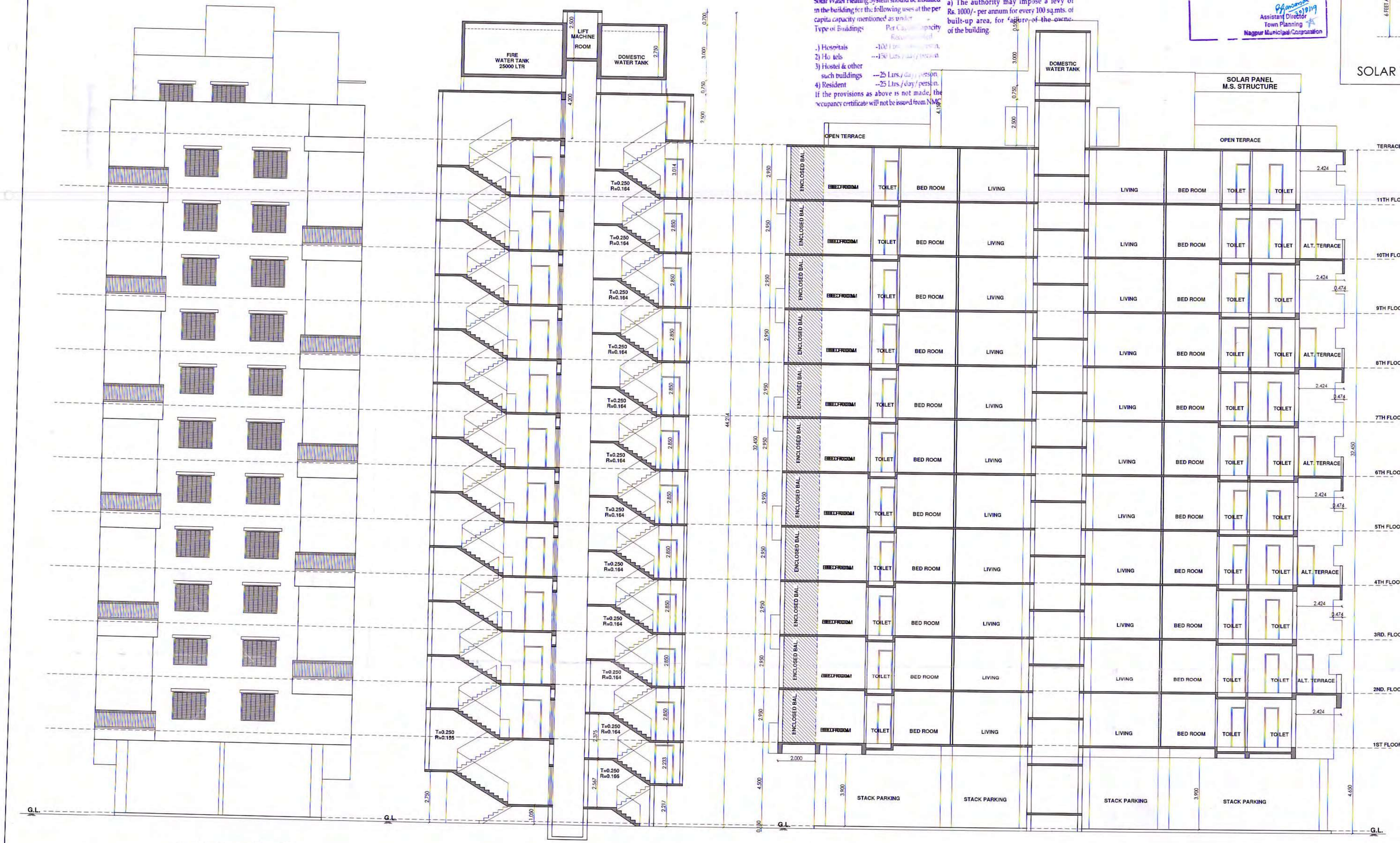
PROPOSED SITE
DP SHEET NO:-17 (N.T.S.)

RELAXATION AREA (A)
(6.48-4.50) = 1.990
27.294 x 1.990 = 54.315 SQ.M.
DEDUCTION
1.50 x 1.300 = 1.950 SQ.M.
1.950 x 0.325 = 0.646 SQ.M.
TOTAL = -2.596 SQ.M.
RELAXATION AREA (A)
54.315 - 2.596 = 51.719 SQ.M.
BALCONY PROJECTION
17.580 x 1.500 = 26.370 SQ.M.
TOTAL ON EACH FLOOR
51.719+26.370 = 78.089 SQ.M.

RELAXATION AREA (B)
(1.323+2.268/2) x 7.300 = 13.107 SQ.M.
DEDUCTION
2.021 x 0.325 = 0.656 SQ.M.
RELAXATION AREA (B)
13.107 - 0.656 = 12.451 SQ.M.
TERRACE PROJECTION
3.000 x 2.500 = 7.500 SQ.M.
TOTAL ON EACH FLOOR
12.451+7.500 = 19.951 SQ.M.



SITE PLAN
SCALE 1:200



FRONT ELEVATION
SCALE 1:100

SECTION A-A
SCALE 1:100

SECTION B-B
SCALE 1:100

SHEET NO: 2/2

DWG TITLE:- ELEVATION, SECTIONS, SITE PLAN

Proposed Multiunit Residential Construction On Plot No.:-157,
Mouza:-AMBAZARI, WARD.No:-73, C.T.S. No:-427, Sheet No:-33
NMC HOUSE No186/B & 186, Situated At SHIVAJI NAGAR,Nagpur

A. AREA STATEMENT :-

No	Area Statement	Sq. Mt.
A		
	PLOT AREA AS PER LAYOUT	1020.810
1	Area Of Plot AS PER C.T.S.	1020.900
2	Area Of Plot AS PER lease	1021.924
3	Deductions For (Amenity Space/Recreational Ground)	
4	Net Balance Plot Area (1-2-3)	1020.810
5	Addition For Net Plot Area (2)	
6	Net Plot Area (4+5)	1020.810
7	Permissible (Basic FSI) 3.0 AS PER TOD	3062.430
8	Permissible (Addi. 15% Paid FSI)	153.121
9	Utilized (Addi. 30% Paid FSI)	
10	Permissible T.D.R.	
11	Utilized T.D.R. Area (N.M.C./S.R.A./NIT) (Vide Center No. ....., Dt. .....)	
12	Total B/U Area Proposed(7+9+11)	3215.551
13	Permissible F.S.I. (7+9+11)	
14	Proposed B/U Area	
	a) Resi.	2907.927
	b) Comm.	
	c) Special	
	Total	
15	Excess Balcony Area Taken in FSI	285.752
16	Existing B/U Area	
17	Total Built Up Area	3193.679
18	Consumed F.S.I.	
B – BALCONY STATEMENT		
1	Permissible	436.189
	Proposed	721.941
	Excess	285.752
	Enclosed	393.668
C – ALTERNATE TERRACES STATEMENT		
2	Permissible	581.519
	Proposed	171.076
D – TENEMENT STATEMENT		
	Permissible	25
	Proposed	22
E – REFERENCE		
	LAND USE AS PER SANCTIONS DEVELOPMENT PLAN	Residential
	LOCATION OF PLOT	DP Sheet No:-17
	ZONE R1	R1
	PROP. BUILD. IS SUBMITTED AS PER PLAN	RESI.
	PLOT BOUNDRY SHOWN IN THUS	BLACK
	PROPOSED CONSTRUCTION SHOWN IN THUS	RED
	EXISTING CONST. TO BE RETAINED IN THUS	
	EXISTING CONSTRUCTION DEMOLISHED SHOWN IN THUS	
F – NAME OF OWNER		SIGN
1) MR. RAMESH WASUDEO TOL & OTHERS TWO POA HOLDER-UNIVERSAL HOUSE PRIVATE LIMITED DIRECTOR-1)SHRI SANJAY S. KULKARNI, 2)SHRI ASHISH A. KALODE		Universal House Pvt. Ltd. Director
G – ARCHITECTS SIG'N		DIRECTION
1		
	PRASHANT SATPUTE B.E.(ARCH.),M.B.A.,M.C.A.	
H - PREVIOUS SANCTION, IF ANY	CS/9223/627 DATED:-28-05-1981 N.M.C. L.S. No. 8222	
I - DRAWING SHEET NO.		

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design cell
ARCHITECTS PLANNERS & INTERIOR DESIGNERS