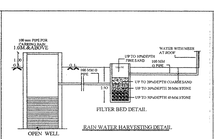
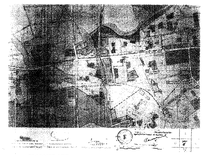


SOLAR WATER HEATING SYSTEM



Tentatively Approved
For Fire fighting system
Building Engineer
Nagpur Improvement Trust



PROPOSED SITE

DP PLAN SHEET NO. 07 SCALE :- NTS

PARKING AREA STATEMENT

1) REQUIRED PARKING AREA IN MULTI FAMILY RESIDENTIAL BUILDING FOR EVERY TWO TENEMENTS WITH EACH TENEMENT HAVING CARPET AREA EQUAL TO OR ABOVE 40 SQM BUT LESS THAN 80 SQM. = 01 CAR + 05 SC. + 5% VISITOR PARKING
PARKING AREA REQUIRED = 5 CAR + 25 SC. (FOR 10 TENEMENTS)
& ADDITIONAL 5% PARKING FOR VISITORS IN REQ. PARKING ADD = 3 SC. TOTAL 5 CAR + 28 SC.

MULTIPLE FACTOR = 0.90 (05 CAR + 28 SC.)
90 % PARKING AREA PROVIDED = 05 CAR + 26 SC.
OUT OF ABOVE 30% OF MUST BE ELECTRIC 02, 08 SC. ARE ELECTRICAL VEHICLE

CERTIFICATE OF AREA

CERTIFICATE THAT THE PLOT UNDER REFERENCE WAS SURVEYED BY ME ON 1.03.2022 AND THE DIMENSIONS OF SIDES ETC. OF THE PLOT STATED ON PLAN ARE MEASURED ON SITE AND THE AREA SO WORKED OUT TALLIES WITH THE AREA STATED IN DOCUMENTS OF OWNERSHIP /T.P. ACT.

SIGNATURE OF LICENSED ARCHITECT

OWNER'S DECLARATION :

I / We undersigned hereby confirm that I / We would abide by plans Approved by Authority / Collector. I / We would execute the structure as per approved plans. Also I / We would execute the work under supervision of proper technical person so as to ensure the quality and safety at the work site.

1) SMT. SHOBHA HEMANTRAO RAWEKAR

2) SHRI HEMANT BHAURAOJI RAWEKAR

PROPOSED MULTI FAMILY RESIDENTIAL BUILDING PLAN OF PLOT NO. 90 B & 91 B, KH. NO. 267/ 1, C.T.S. NO. 1019, SHEET NO. ------, MOUZA ZINGABAI TAKLI, AT THE LAYOUT OF SAI SEWASHRAM GRUHA NIRMAN SAHAKARI SANSTHA NAGPUR.

BELONGING TO :-
1) SMT. SHOBHA HEMANTRAO RAWEKAR
2) SHRI HEMANT BHAURAOJI RAWEKAR

AREA STATEMENT

TOTAL PLOT AREA (AS PER REGULARIZED) = 371.612 SQM.
1) PERMISSIBLE F. S. I. = 1.10 PERMISSIBLE B/UP AREA = 371.612 x 1.10 = 408.773 SQM.
2) PROPOSED F.S.I. ON PAYMENT OF PREMIUM = 371.612 X 50% = 185.806 SQM.
3) ANCILLARY AREA F.S.I. UP TO 60% = 408.773 + 185.806 = 594.579 X 60% = 356.747 SQM, TOTAL ENTITLEMENT = 594.579 + 356.747 = 951.326
4) TOTAL PERMISSIBLE B/UP AREA = 951.326 SQM.

P-LINE CALCULATIONS

PROPOSED P - LINE AREA
ON GROUND FLOOR = 24.741 SQM.
ON FIRST FLOOR = 180.895 SQM.
ON SECOND FLOOR = 180.895 SQM.
ON THIRD FLOOR = 180.895 SQM
ON FORTH FLOOR = 180.895 SQM
ON FIFTH FLOOR = 180.895 SQM

TOTAL P-LINE AREA = 929.216 SQM.

TOTAL P-LINE B/UP AREA ON ALL FLOORS = 929.216 SQM.

DIVIDING FACTOR = 1.60 = 929.216 / 1.60 = 580.760 SQM.

PERMISSIBLE ANCILLARY AREA = 929.216 - 580.760 = 348.456 SQM.
PERMISSIBLE BASIC F.S.I. = 1.10 = 408.773 SQM.
PERMISSIBLE ADD. PAID F.S.I. = 0.50 = 185.806 SQM.
PROPOSED ADD. PAID F.S.I. = 171.987 SQM.
TOTAL PROPOSED F.S.I. = 2.52

SCHEDULE OF OPENING

TYPE	SIZE	DESCRIPTION
D0	1.20 X 2.100	T. W. DOOR
D	1.00 X 2.100	T. W. DOOR
D1	0.90 X 2.100	T. W. DOOR
D2	0.75 X 2.100	CEMENT FRAME DOOR
W	1.80 X 1.200	ALU. SLIDING GLAZED WINDOW
W1	1.50 X 1.200	ALU. SLIDING GLAZED WINDOW
W2	1.20 X 1.200	ALU. SLIDING GLAZED WINDOW
W3	1.200 X 0.900	M.S. GRILL GATE
V	0.450 X 0.600	VENTILATOR
F.R.D	1.20 X 2.100	FIRE RESISTANT DOOR

PROFORMA-I

	AREA STATEMENT	Sq.mt.
1	Area of plot (Minimum area of a, b, c to be considered)	
	(a) As per ownership document (AS PER REGULARIZED)	371.612
	(b) As per measurement sheet	371.612
	(c) As per site	371.612
2	Deduction for	
	(a) Proposed D.P./D.P. Road widening Area/Service Road/ Highway widening	--
	(b) Any D.P. Reservation area	--
	Total a+b	--
3	Balance area of plot (1-2)	371.612
4	Amenity Space (if applicable)	--
	(a) Required -	--
	(b) Adjustment of 2 (b), if any-	--
	(c) Balance Proposed -	--
5	Net Plot Area (3-4(c))	371.612
6	Recreational Open space (if applicable)	--
	(a) Required -	--
	(b) Proposed -	--
7	Intranal Road area	--
8	Plotable area (if applicable)	--
9	Built up area with reference to Basic F.S.I. as per front road width(Sr. 5x basic FSI) (1.10)	408.773
10	Addition of FSI on payment of premium	--
	(a) Maximum permissible premium FSI - based on road width / TOD Zone	--
	(b) Proposed FSI an payment of premium	185.806
11	In -Situ FSI / TDR loading	--
	(a) In-situ area against D.P. road / 2.0 x Sr. No. 2 (a) if any	--
	(b) In - situ area against Amenity space if handed over (2.00 or 1.85 x Sr. No. 04 (b) and / or (c).	--
	(c) TDR Area	--
	(d) Total in situ / TDR loading proposed (11(a)+(b)+(c)	--
12	Additional FSI area under Chapter No. 7	--
13	Total entitlement of FSI in the proposel	--
	(a) (9+10(b) + 11(d) or 12 whichever is applicable	594.579
	(b) Ancillary Area FSI upto 60% or 80% with payment of charges	356.747
	(c) Total entitlement (a+b)	951.326
14	Maximum utilization limit of FSI (building potential) Permissible as per road width. (as per Regulation No. 6.1 or 6.2 or 6.3 or 6.4 as applicable) x1.6 or 1.8	--
15	Total B-UP - no Area in proposel	--
	(a) Existing Built- up Area	--
	(b) Proposed Built- up Area (as per P - Line)	929.216
	(c) Total (a+b)	
16	FSI Consumed (15/13) (should not be more than serial No. 14 above)	2.52
17	Area for Inclusive Housing, if any	--
	(a) Required (20 % of Sr. No. 05)	--
	(b) Proposed	--

INDEX :-
PLOT BOUNDARY SHOWN IN
PROPOSED CONSTRUCTION SHOWN IN
EXISTING CONSTRUCTION TO BE DEMOLISHED SHOWN IN

ALL DIMENSIONS ARE IN METRE
DRG. NO. :- 01
SCALE :- 1:100 , 1:200
DATE :- 23 / 03 / 2022
SHEET NO. :- 01

OWNER'S SIGN.

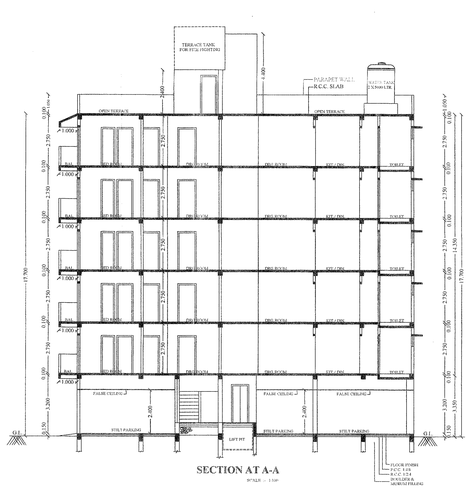
ARCHITECT'S SIGN.

ARCHITECT :-
VINAY JAISWAL
B.ARCH., M. ARCH. (I.I.T.), F.I.I.A. F.I.V.,F.I.I.I.D
S.55, UTKARSH-NIRMAN,
MANGALWARI-BAZAR, SADAR
NAGPUR.PH : 2541283, M. 9822581276
E-mail: vinayoffice21@gmail.com
ar_vinay_ jaiswal@yahoo.co.in
web site: www.architectvinayjaiswal.com



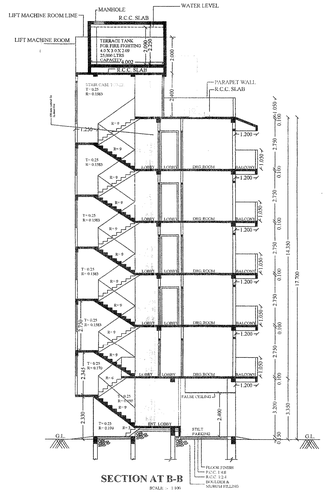
FRONT ELEVATION

SCALE :- 1:100



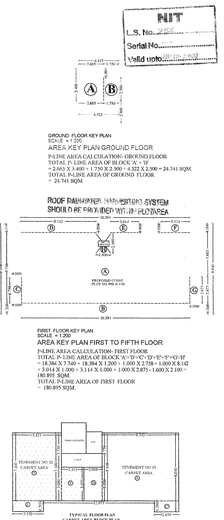
SECTION AT A-A

SCALE :- 1:100



SECTION AT B-B

SCALE :- 1:100



CARPET AREA BLOCK PLAN FIRST FLOOR

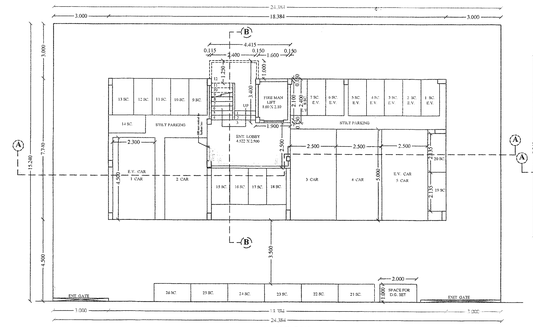
TENEMENT NO. 01

A) 8.342 X 7.440 = 62.064
B) 2.002 X 3.690 = 7.391
C) 2.659 X 1.200 = 3.190
TOTAL CARPET AREA = 72.642 SQM.

TENEMENT NO. 02

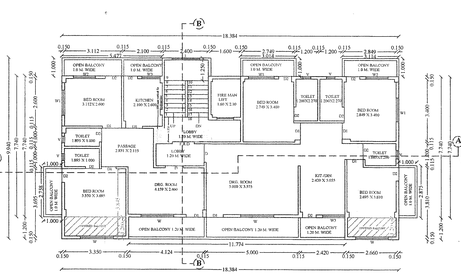
X) 3.327 X 7.440 = 39.692
Y) 2.413 X 3.690 = 8.906
Z) 2.659 X 1.200 = 3.190
TOTAL CARPET AREA = 52.548 SQM.

Note: The area of [illegible] of RMC/2017 [illegible] Built [illegible]

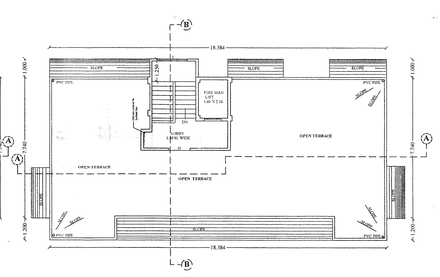


PROPOSED GROUND FLOOR PLAN

SCALE :- 1:100

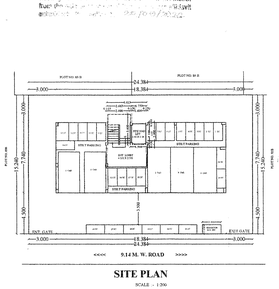


TYPICAL FLOOR PLAN
(1st, 2nd, 3rd, 4th & 5th FLOOR)



PROPOSED TERRACE LEVEL PLAN

SCALE :- 1:100



SITE PLAN

SCALE :- 1:200

OFFICE OF THE NAGPUR IMPROVEMENT TRUST
Building Permit No.
SANCTIONED
Building Engineer
Nagpur Improvement Trust

OFFICE OF THE CORPORATION OF THE CITY OF NAGPUR.
(FIRE SERVICE)
No Objection Certificate hereby Issued by Fire Service Deptt. for the proposed construction.
The scope of this approval is Restricted to Fire Protection arrangements only.
Above fire conditions mentioned in N.O.C. Certificate
Chief Fire Officer

Index - FIRE FIGHTING

FP-B	Booster Pump 900 LPM	
FP-1	FIRE HYDRANT– MAIN PUMP 2200 LPM ELECTRICAL OPERATED	
FP-2	FIRE SPRINKLER– MAIN PUMP 2800 LPM DIESEL ENGINE OPERATED	
FP-3	FIRE MAIN PUMP– 2800 LPM DIESEL ENGINE OPERATED	
FP-4	HYDRANT JOCKEY PUMP– 240 LPM	
FP-5	SPRINKLER JOCKEY PUMP– 240 LPM	
SP	FIRE SPRINKLER	
CP	FIRE MANUAL CALL POINT	
FH	FIRE HOOTER	
HV	FIRE HYDRANT VALVE	
HP	HYDRANT PIPE	
HR	HOSE REEL	
HB	HOSE BOX	
FS-IN	FIRE SERVICE INLET	
FS-OUT	FIRE SERVICE OUTLET	
BV	BUTTERFLY VALVE	
NRV	NON RETURN VALVE	
FHP	FIRE HYDRANT STAND POST	
FE	FIRE EXTINGUISHER – ABC TYPE	
FE	FIRE EXTINGUISHER – CO2 TYPE	
FAP	FIRE ALARM PANEL	
S	SMOCK DETECTOR	
SP 25	FIRE SPRINKLERS LINE 25 mm Dia	
SP 32	FIRE SPRINKLERS LINE 32mm Dia	
SP 40	FIRE SPRINKLERS LINE 40mm Dia	
SP 50	FIRE SPRINKLERS LINE 50 mm Dia	
SP 65	FIRE SPRINKLERS LINE 65 mm Dia	
SP 75	FIRE SPRINKLERS LINE 75 mm Dia	
SP 80	FIRE SPRINKLERS LINE 80 mm Dia	
SP 100	FIRE SPRINKLER MAIN LINE 100 mm	
SP 150	FIRE MAIN RING PIPE LINE 150 mm	
SP 200	FIRE MAIN RING PIPE LINE 200 mm	

PREPARED BY

SR ASSOCIATE
FIRE SAFETY CONSULTANTS
ENGINEERS & CONTRACTORS
0712-6577426, srassociates.ngp@gmail.com

DRAWING NO :- SR04122019
LICENCE NO:-MFS/LA/RF-348/RD-341/RP-73

STAMP & SIGNATURE