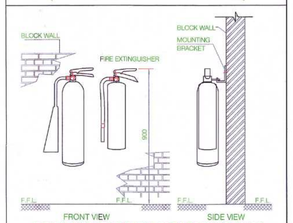
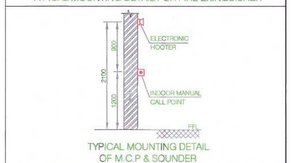


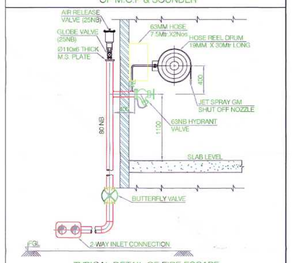
HOSE BOX DETAIL
(INTERNAL AND EXTERNAL WALL MOUNTED)



TYPICAL MOUNTING DETAIL FOR FIRE EXINGUISHER



TYPICAL MOUNTING DETAIL
OF M.C.P & SOUNDER



TYPICAL DETAIL OF FIRE ESCAPE
HYDRANT AND HOSE REEL ARRANGEMENT

LEGEND:

PS	PRESSURE SWITCH
PG	PRESSURE GAUGE
	SINGLE HEADED HYDRANT VALVE
	HOSE BOX WITH CAN/AS CONNECTION
BFV	BUTTERFLY VALVE
AAV	AIR VENT VALVE
NRV	NON RETURN VALVE
BP	BOOSTER PUMP 900 LPM
	GI PIPE
	MANUAL CALL POINT
	ELECTRONIC HOOTER
FACP	FIRE ALARM CONTROL PANEL
	2x1.5 SINGLE LOOP ARMORED CABLE
	EXTINGUISHER

NOTE:

1. ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. PIPES UPTO 150Ø ARE GI, 'C' CLASS AS PER IS :1239 PART.
3. FITTINGS SHALL BE WELDED TYPE.
4. PIPES SHALL BE PAINTED WITH ONE COAT OF PRIMER & TWO COATS OF ENAMEL PAINT.
5. PIPE SIZE / CABLE SIZE SHALL BE DONE BY THE NOMINATED CONTRACTOR BASED ON FINAL APPROVED FROM CONSULTANT.
6. THE CABLE ROUTING IS INDICATIVE AND IS SUBJECT TO CHANGE AS PER SITE CONDITIONS.
7. FIRE ALARM AND DETECTION SYSTEM IS DESIGNED AS PER IS: 2189/NFPA 72.
8. AS PER SITE CONDITION CABLE SHOULD RUN THROUGH WALL/CEILING WHEREVER IS POSSIBLE ELSE IT WILL RUN THROUGH SUITABLE CABLE TRAY.
9. TENTATIVE LOCATIONS OF THE FIRE EXTINGUISHERS ARE SHOWN ON DRAWINGS. ACTUAL LOCATIONS CAN BE DECIDED AT SITE AS PER STANDARDS.
10. THIS BUILDING FIRE FIGHTING SYSTEM HAS DESIGNED AS PER NBC 2016 TABLE NO. 7 RESIDENTIAL BUILDINGS (A) (ii) (2).

FIRE FIGHTING CONSULTANT :

PS ENGINEERING SERVICES PVT. LTD.

A-3/68, Opp. Aasha Mangal Karyalaya, Pushpagandha Apartemnt, Khare Town, Dharampeth, Nagpur-440 010
Mo. No: 7767000216, E-Mail : psengg23@gmail.com
LICENCE NO. MFS-LA/RF-87 (Hydrant System)
LICENCE NO. MFS-LA/RD-85 (Detection System)
LICENCE NO. MFS-LA/RP-24 (Passive System)

"Approved Tentetivaly for Fire NOC only"

Assistant Engineer
Nagpur Metropolitan Region Development Authority

This sanction is subject to conditions of N.A. order Dt. 29/12/2019 of N.A.T.P. order Dt.

This Sanction is Subject to Condition Mentioned in Development Agreement Dt. 5/10/2019

This Sanction is Subject To Conditions Mentioned in Release Letter Of N.M.R.D.A. Dt. 27/12/2021

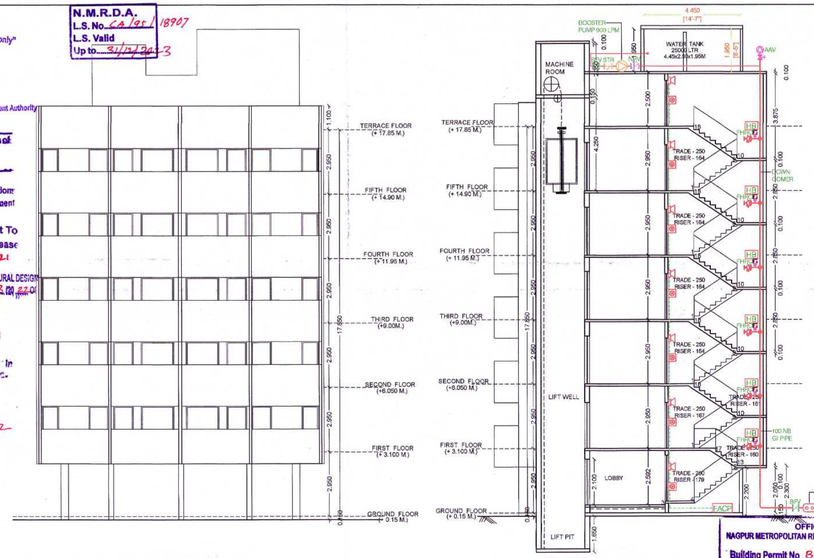
SUBJECT TO THE PROVISIONS OF STRUCTURAL DESIGN EFFICIENCY CERTIFICATE DATED 4/12/2022 OF STRUCTURAL DESIGNER AND APPLICANT

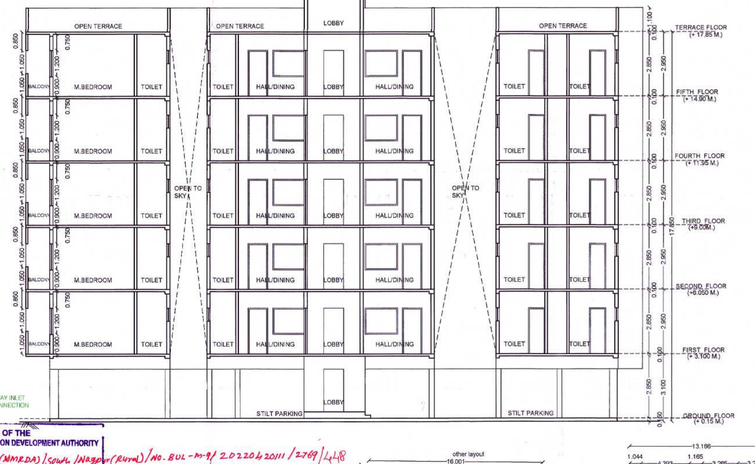
Subject to the provisions of structural drawings submitted by applicant.

Necessary arrangement for rain water harvesting shall be done.

Subject to the Condition laid down by Fire Brigade Deptt. Nagpur Mpl. Corporation Vide Letter No. 606 dt. 16/12/2022

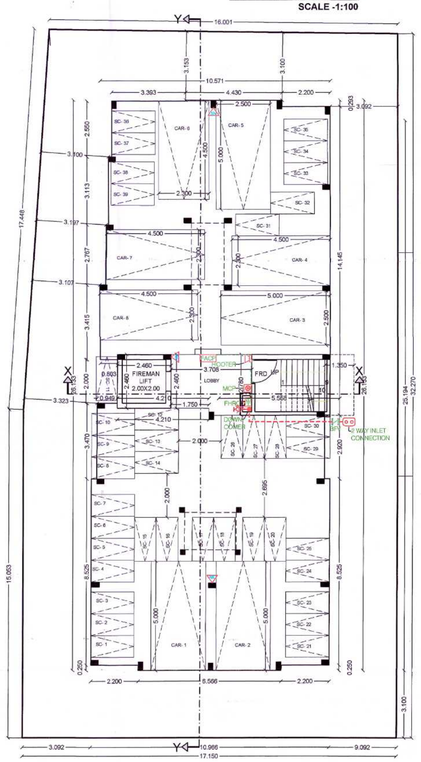
N.M.R.D.A.
L.S. No. CA/92/18907
L.S. Valid
Up to 31/12/2023





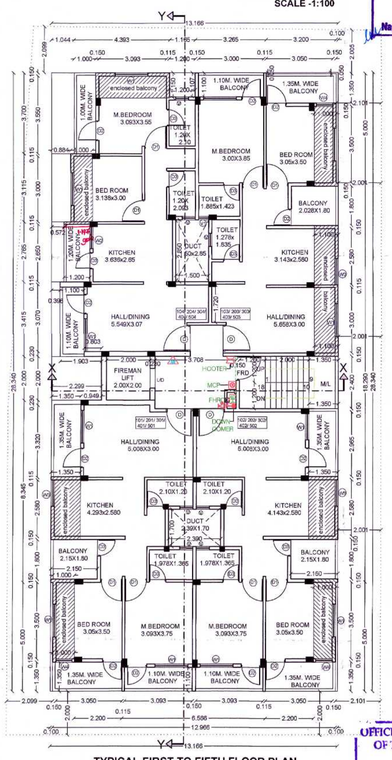
OFFICE OF THE
NAGPUR METROPOLITAN REGION DEVELOPMENT AUTHORITY
Building Permit No. BE (NMRDA) / Sanc. / Nagpur (Rural) / No. BUL - m-9 / 202204/20111 / 2769 / 448
SANCTIONED
Assistant Engineer
Nagpur Metropolitan Region Development Authority

FRONT ELEVATION
SCALE -1:100



TYPICAL GROUND FLOOR PLAN
SCALE -1:100

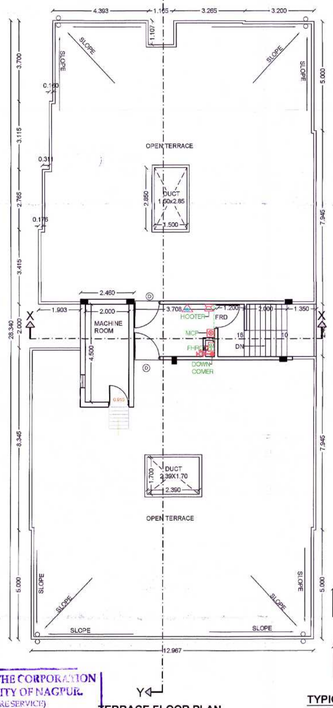
SECTION-XX
SCALE -1:100



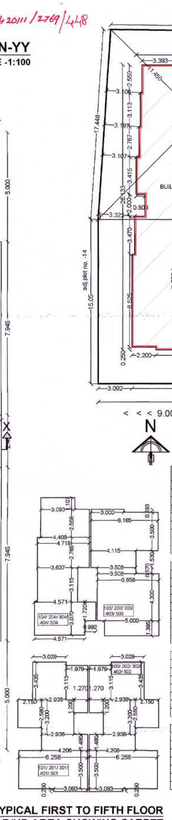
TYPICAL FIRST TO FIFTH FLOOR PLAN
SCALE -1:100

OFFICE OF THE CORPORATION OF THE CITY OF NAGPUR.
(FIRE SERVICE)
No Objection Certificate hereby issued by the Service Deptt. for the proposed constructions.
The scope of this approval is Restricted to Fire Protection arrangements only.
Please See conditions mentioned
In Provisional N.O.C. Certificate
No. G. A. / 666 / P.B. dated 13/6/2023
Chief Fire Officer
Fire Service N.M.C. Nagpur

SECTION-YY
SCALE -1:100



TERRACE FLOOR PLAN
SCALE -1:100



SITE PLAN
SCALE -1:200



TYPICAL FIRST TO FIFTH FLOOR
B/UP AREA BLOCK DIAGRAM
SCALE -1:200

TYPICAL FIRST TO FIFTH FLOOR
B/UP AREA SHOWING CARPET
AREA CALCULATION
SCALE -1:200

CARPET AREA OF FLAT NO. 101,103,104,401,501

3.029	X	3.410	=	10.331
1.979	X	3.115	=	6.165
2.150	X	2.580	=	5.547
2.938	X	3.200	=	9.402
1.270	X	1.200	=	1.524
4.208	X	1.460	=	6.028
6.258	X	3.590	=	23.931
3.003	X	0.253	=	0.773
		TOTAL		63.546

CARPET AREA OF FLAT NO. 102,202,302,402,502

3.029	X	3.415	=	10.401
1.979	X	3.115	=	6.165
2.150	X	2.580	=	5.547
2.938	X	3.200	=	9.402
1.270	X	1.200	=	1.524
4.208	X	1.460	=	6.228
6.258	X	3.500	=	21.903
3.003	X	0.250	=	0.773
		TOTAL		61.944

CARPET AREA OF FLAT NO. 103,203,303,403,503

3.000	X	0.293	=	0.879
6.165	X	3.503	=	21.578
4.115	X	1.533	=	6.296
3.058	X	0.579	=	2.066
3.058	X	4.303	=	24.325
1.000	X	1.350	=	6.075
		TOTAL		62.054

CARPET AREA OF FLAT NO. 104,204,304,404,504

3.089	X	3.107	=	9.414
6.468	X	2.358	=	11.376
4.718	X	2.765	=	13.041
3.037	X	3.115	=	11.329
4.571	X	3.079	=	14.693
1.729	X	0.992	=	1.706
		TOTAL		54.817

GROUND FLOOR B/UP AREA STATEMENT

SR.NO.		DIVENTION				AREA (SQ.M.)
ADDITION						
A1	2.460	X	4.230	X	1	= 10.317
A2	5.538	X	2.780	X	1	= 13.451
TOTAL B/UP AREA OF GROUND FLOOR						= 29.808

TYPICAL 1ST TO 5TH FLOOR B/UP AREA STATEMENT

SR.NO.		DIVENTION				AREA (SQ.M.)
1	13.166	X	28.940	X	1	= 379.124
ADDITION						
A1	1.044	X	3.700	X	1	= 3.863
A2	0.884	X	3.135	X	1	= 2.754
A3	0.572	X	2.765	X	1	= 1.582
A4	0.396	X	3.415	X	1	= 1.352
A5	2.299	X	2.000	X	1	= 4.598
A6	2.000	X	2.000	X	1	= 4.000
A7	0.100	X	5.000	X	3	= 1.500
A8	2.390	X	1.700	X	1	= 4.063
A9	1.500	X	2.850	X	1	= 4.275
A10	1.165	X	1.107	X	1	= 1.290
b	TOTAL					= 29.276
(a-b)						= 343.848
TOTAL B/UP AREA OF FIRST TO FIFTH FLOOR						=
	343.848		X	5		= 1719.242

PROPOSED BUILDING AREA STATEMENT [Sr.No.9(a)]

	PROPOSED BUILDING FLOORS		TOTAL BUILT UP AREA OF FLOORS, AS PER OUTER CONSTRUCTION LINE (SQ.M.)
1	GROUND FLOOR B/UP AREA	=	29.808
2	FIRST FLOOR B/UP AREA	=	343.848
3	SECOND FLOOR B/UP AREA	=	343.848
4	THIRD FLOOR B/UP AREA	=	343.848
5	FOURTH FLOOR B/UP AREA	=	343.848
	FIFTH FLOOR B/UP AREA	=	343.848
	TOTAL		1745.048

AREA DETAILS OF APARTMENT [SR.No. 9(G)]

BUILDING NO.	FLOOR NO.	APARTMENT NO.	CARPET AREA OF APARTMENT (SQ.M.)	AREA OF BALCONY ATTACHED TO APARTMENT (SQ.M.)	AREA OF DOUBLE HEIGHT TERRACES ATTACHED TO FLAT (SQ.M.)
	2	3	4	5	6
1	GROUND FLOOR	0	0.000	0	0
	FIRST,SECOND,THIRD, FORTH, FIFTH FLOOR	101	61.946	16.55	0
		102	61.946	16.00	0
		103	62.656	11.78	0
		104	54.813	10.52	0

PLOT NO. -15	
LAND USE AS PER SANCTION DEVELOPMENT PLAN	RESIDENTIAL
LOCATION OF PLOT	NON- CONGESTED
ZONE AS PER APPENDIX -M	R2
PROPOSED BUILDING USE SUBMITTED AS PER PLAN	RESIDENTIAL

Proposed Multifamily Residential Construction On Plot No. 15, Kh.Nos-113/1/KH , P.H.No.- 42, Mouza- Shankarpur, Tah.- Nagpur(Gramin) &Dist.- Nagp

BELONGING TO -

M/s METRO CITY DEVELOPERS
THROUGH PARTNERS

1) SHRI. VISHAL VASANT GANDHEWAR 2) SMT. VRUSHALI PRASHANT BONGIRWAR
3) SHRI. VEDANT PRASHANT BONGIRWAR 4) SHRI. PRASHANT M. BONGIRWAR(HUF)

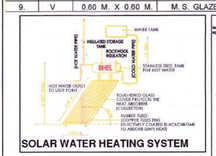
AREA STATEMENT :-

PARKING AREA CALCULATIONS

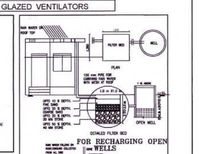
		CAR	SCOOTER
REQUIRED PARKING	for every 2 tenement with each tenement having carpet area equal to or above 40.00 sq.m. but less than 80.00 sq.m.	1	5
	therefore for 20 tenement having carpet area above 40.00 sq.m. but less than 80.00 sq.m.	10	50
	Add 5% visitor parking	1	3
	Total Required Parking	11	53
	As per UDCPR 2020 clause no 8.2.2 table no. 8c sr.no. 2 applied multiplying factor 0.7	8	38
PROPOSED PARKING	8CAR + 38 SCOOTERS 4*(2.50*5.00)+4*(2.30*4.50)+38*(1.00*2.00) 50.00 +41.40+76.00 =167.40 SQ.M.		

SCHEDULE OF OPENINGS

SR. NO.	TYPE	SIZE	PARTICULARS
DOOR			
1.	D	1.20 M. X 2.10 M.	T. W.FRAMED DOORS
2.	D1	1.00 M. X 2.10 M.	T. W.FRAMED DOORS
3.	D2	0.90 M. X 2.10 M.	T. W.FRAMED DOORS
4.	D3	0.75 M. X 2.10 M.	C. C. FRAMED DOORS
6.	L.D.	0.80M. X 2.20 M.	LIFT DOOR
WINDOW			
5.	W1	1.50 M. X 1.20 M.	M. S. GLAZED WINDOWS
6.	W2	1.00 M. X 0.90 M.	M. S. GLAZED DOOR & WINDOW
7.	W3	1.20 M. X 0.90 M.	M. S. GLAZED DOOR & WINDOW
8.	W4	0.75 M. X 1.20 M.	M. S. GLAZED DOOR
9.	V.	0.60 M. X 0.60 M.	M. S. GLAZED VENTILATORS



SOLAR WATER HEATING SYSTEM



DETAILED FILTER BED

RAIN WATER HARVESTING SYSTEM

PLOT NO. - 15	
LAND USE AS PER SANCTION DEVELOPMENT PLAN	RESIDENTIAL
LOCATION OF PLOT	NON- CONGESTED
ZONE AS PER APPENDIX -M	R2
PROPOSED BUILDING USE SUBMITTED AS PER PLAN	RESIDENTIAL

Proposed Multifamily Residential Construction On Plot No. 15, Kh.Nos-113/1/KH , P.H.No.- 42, Mouza- Shankarpur, Tah.- Nagpur(Gramin) &Dist.- Nagp

BELONGING TO -

1) SHRI. PRASHANT M. BONGIRWAR 2) SHRI. VRISHAL VASANT GANDHEWAR
3) SMT. VRUSHALI PRASHANT BONGIRWAR 4) SHRI. VEDANT PRASHANT BONGIRWAR

AREA STATEMENT :-

Area Statement	Sq. Mt.
Area Of Plot (as per sanctioned layout) 17.150X5.05+1/2(11.45+12.150X24.30	544.840

FSI calculation as per proforma- 1 of UDCPR - 2020 - Built up area calculation

No.		Permissible (Ratio/Area in sq.mt.)	Proposed (Ratio/Area in sq.mt.)
a)	Net plot area for FSI calculation (clause no. 3.9 of UDCPR-2020)(or as per layout plan	922.414	922.414
b)	Net F-line built up area (clause no. 6.6 of UDCPR-2020)		1745.048
c)	Deduting factor 1.6 to arrive Basic FSI=Premium FSI=TDR = F-line area/1.6 =1745.050/1.6	1090.655	
d)	Permissible Auxiliary FSI (clause no. 6.3 Table No. 6-Q,Note (i) of UDCPR-2020) (b-c)	654.393	654.393
e)	Permissible basic FSI /built up area :- (1.1*a) (Clause No. 6.3 Table no. 6-Q of UDCPR)	1014.655	1014.655
f)	Permissible additional FSI on premium :- (0.3*a) (Clause No. 6.3 Table no. 6-Q of UDCPR)	276.724	76.000
g)	Permissible TDR (Clause No. 6.3 Table no. 6-Q of UDCPR)	NIL	4.063
h)	Permissible TDR for Road widening with compliance of clause no.7.2.4(proforma-1 of UDCPR - 2020 (2.00* sq.m.)	NIL	29.276 343.848
i)	Total entitlement of FSI	1945.772	1745.048
j)	Maximum building potential on plot fixed.		

E – REFERENCE

PLOT BOUNDRY SHOWN IN THUS	
PROPOSED CONSTRUCTION SHOWN IN THUS	

G - OWNERS SIGN

1) SHRI. PRASHANT M. BONGIRWAR

2) SHRI. VRISHAL VASANT GANDHEWAR

3) SMT. VRUSHALI PRASHANT BONGIRWAR

4) SHRI. VEDANT PRASHANT BONGIRWAR

G - ARCHITECTS SIGN

UMESH M. LAMGE
B.Arch. (Hons)
ARCHITECTS & INTERIOR DESIGNERS
Reg.No. CA/95/19907
RATC Life No. F-50
MTP Life No. 865

AR. UMESH M. LAMGE
B.ARCH(HONS.)
ARCHITECT & INTERIOR DESIGNER