

TYPICAL MOUNTING DETAIL OF M.C.P. & SOUNDER

HOSE BOX DETAIL (INTERNAL AND EXTERNAL WALL MOUNTED)

TYPICAL DETAILS OF FIRE ESCAPE HYDRANT AND HOSE REEL ARRANGEMENT

PIPE SUPPORTS FROM RCC SLAB

TYPICAL MOUNTING DETAIL FOR FIRE EXTINGUISHER

LEGEND:

- PS PRESSURE SWITCH
- PG PRESSURE GAUGE
- SHV SINGLE HEADED HYDRANT VALVE
- HOSE BOX
- FHRC FIRE HOSE REEL CABINET
- MS PIPE
- H BVV BUTTERFLY VALVE
- NRV NON RETURN VALVE
- PI 900 LPM BOOSTER PUMP
- 2C X 1.5 SQ MM ARMOURD SIGNAL LOOP CABLE
- MANUAL CALL POINT
- ELECTRONIC HOOTER
- FACP FIRE ALARM CONTROL PANEL
- EXTINGUISHER

NOTES:

- ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED.
- PIPES UPTO 1000 ARE MS. 70 CLASS AS PER IS: 1239 PART 1.
- FITTINGS SHALL BE WELDED TYPE.
- PIPES SHALL BE PAINTED WITH ONE COAT OF PRIMER & TWO COATS OF ENAMEL PAINT.
- PIPE SIZE SHALL BE DONE BY THE NOMINATED CONTRACTOR BASED ON FINAL APPROVED FROM CONSULTANT.
- CABLE SIZE SHALL BE DONE BY THE NOMINATED CONTRACTOR BASED ON FINAL APPROVED FROM CONSULTANT.
- THE LOCATION OF DETECTORS ARE SUBJECT TO MINOR CHANGES AS PER SITE CONDITIONS TO AVOID FOLLOING FOLLOING WITH LIGHT FITTINGS, BEAMS ETC.
- THE CABLE ROUTING IS INDICATIVE AND IS SUBJECT TO CHANGE AS PER SITE CONDITIONS.
- FIRE ALARM AND DETECTION SYSTEM IS DESIGNED AS PER IS: 2189 PART 1 & 2.
- AS PER SITE CONDITION CABLES SHOULD RUN THROUGH WALL/COLUMNS WHEREVER IS POSSIBLE ELSE IT WILL RUN THROUGH SUITABLE CABLE TRAY.
- TENTATIVE LOCATIONS OF THE FIRE EXTINGUISHERS ARE SHOWN ON DRAWINGS. ACTUAL LOCATIONS CAN BE DECIDED AT SITE AS PER STANDARDS.
- THIS BUILDING FIRE FIGHTING SYSTEM HAS DESIGNED AS PER NBC 2016 TABLE NO. 7 RESIDENTIAL BUILDINGS (B) (2).

FIRE FIGHTING CONSULTANT:

"RADHE ENCLAVE"
Plot No. 356, FLAT NO. 301, 3rd Floor, Gandhi Nagar, Nagpur - 440010.
Mo. No: 7767000216, E-Mail: psengg23@gmail.com
Web: www.psengg.com

LICENCE NO. MFS/LA/RF-94 (Hydrant System)
LICENCE NO. MFS/LA/RD-88 (Detection System)
LICENCE NO. MFS/LA/RP-20 (Passive System)
GST NO. 27AALCP9643A129

PS ENGINEERING SERVICES PVT. LTD.

PLOT NO.14,15

PLOT NO.16

PLOT NO.17

GROUND FLOOR PLAN (SCALE:-1:100)

TYPICAL 1ST TO 7TH FLOOR PLAN (SCALE:-1:100)

TERRACE FLOOR PLAN (SCALE:-1:100)

SITE PLAN (SCALE:-1:200)

PROPOSED CONSTRUCTION ON PLOT NO.16

NAGPUR MUNICIPAL CORPORATION (FIRE AND EMERGENCY SERVICE)

Provisional Fire Safety Approval Certificate hereby issued by Fire & Emergency Services Dept. for the proposed construction. The scope of this approval is Restricted to Fire Prevention and Life Safety Measures only. Please See conditions mentioned in Provisional Fire Safety Approval Certificate No. FES / 23/16/2023 / CPO dated 23/12/2023

Chief Fire Officer
Fire & Emergency Service
N.M.C. Nagpur

PARKING CALCULATION :-

TYPE	CARPET AREA /FSI(SQ.M.)	TENEMENT (NOS)/UNIT		CAR (NOS)		SCOOTER (NOS)	
		BY RULE	PROPOSED	BY RULE	REQD.	BY RULE	REQD.
FOR RESIDENTIAL	for every two tenement having carpet area equal to or above 40 sq.m but less than 80 sq.m	2		1		2	
	for every two tenement having carpet area equal to or above 80 sq.m but less than 150 sq.m	1		1		1	
	REQUIRED						
	for every two tenement having carpet area equal to or above 40 sq.m but less than 80 sq.m	14		7		14	
	for every two tenement having carpet area equal to or above 80 sq.m but less than 150 sq.m	14		7		14	
5% VISITORS PARKING							
0.9 FACTOR (ONLY FOR CARS)							
TOTAL REQUIRED				20		29	
TOTAL PROVIDED				20		29	

RESIDENTIAL BUILT UP AREA OF TYPICAL 1ST TO 7TH FLOOR

Sr.No.	Polygon NO.	Dimensions	Area
1	A-Block	1 X 32.070 X 14.480	464.374
2	Deduction		
3	D1	2 X 5.365 X 0.535	5.761
4	D2	2 X 1.200 X 3.715	8.916
5	D3	2 X 3.150 X 0.535	3.371
6	D4	1 X 1.715 X 1.535	2.633
7	D5	1 X 2.500 X 3.750	9.375
8	D6	2 X 5.065 X 0.535	5.400
9	D7	1 X 2.730 X 0.600	1.638
10	D8	1 X 1.485 X 1.535	2.279
11	D9	1 X 2.980 X 1.820	5.424
12	D10	2 X 1.950 X 1.850	7.215
13	D11	1 X 4.500 X 1.810	8.145
14	Total Deduction		60.155
Total (1-14)			404.219

FLOOR WISE FSI STATEMENT :- AS PER P-LINE

FLOOR'S NAME	RESI.	COMM.	PROPOSED TENEMENTS	TOTAL BUILT UP AREA (a+b)
BASEMENT -1 FLOOR	0.0000	0.0000	0	0.000
GROUND FLOOR	0.0000	0.0000	0	0.000
1st FLOOR	404.218	0.0000	4	404.218
2nd FLOOR	404.218	0.0000	4	404.218
3rd FLOOR	404.218	0.0000	4	404.218
4th FLOOR	404.218	0.0000	4	404.218
5th FLOOR	404.218	0.0000	4	404.218
6th FLOOR	404.218	0.0000	4	404.218
7th FLOOR	404.218	0.0000	4	404.218
TOTAL	2829.529	0.0000	28	2829.529

CARPET AREA KEY PLAN FOR TYPICAL 1ST TO 7TH FLOOR PLAN (SCALE:-1:200)

SCHEDULE OF OPENINGS :

CODE	SIZE	SILL LVL.	LTL. LVL.	REMARKS
W1	1800 x 1200	900	2100	T.W. GLAZED WINDOW
W2	900 x 900	1350	2100	T.W. GLAZED WINDOW
W3	600 x 1200	900	2100	T.W. GLAZED WINDOW
V	600x 750	1500	2100	LOVERED VENTILATOR
D-W	1800 x 2100		2100	SLIDING DOOR+ WINDOW
D	1065 x 2100		2100	T.W. DOOR
D1	915 x 2100		2100	T.W. DOOR
D2	765 x 2100		2100	T.W. DOOR

SUBMISSION DWG. REFERENCE :

PROPOSED CONSTRUCTION SHOWN IN THIS

WORK TO BE DEMOLISHED SHOWN IN THIS

EXISTING WORK SHOWN IN THIS

Owner's Declaration :-
I/we undersigned hereby confirm that I/we would abide by plans approved by Authority / Collector. I/we would ensure 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.

MR.VIJAY SHESHRAO RONGHE
Owner (or) name and signature

Certificate of Area:
Certified that the plot under reference was surveyed by me on _____ and the dimensions of sides etc. of plot stated on plan are as measured on site and the area so worked out tallies with the area as returned in document of Ownership/ T.P. Scheme Records/ Land Records/ Department/City Survey records.

Ar. LOKESH W. KADU
CA/2007/39381
R-402, NIT-2140

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RAIN WATER HARVESTING SYSTEM

SOLAR WATER SYSTEM TO BE INSTALLED ON TERRACE FLOOR

FOR RECHARGING OPEN FOR WELLS

DETAILED FILTER BED