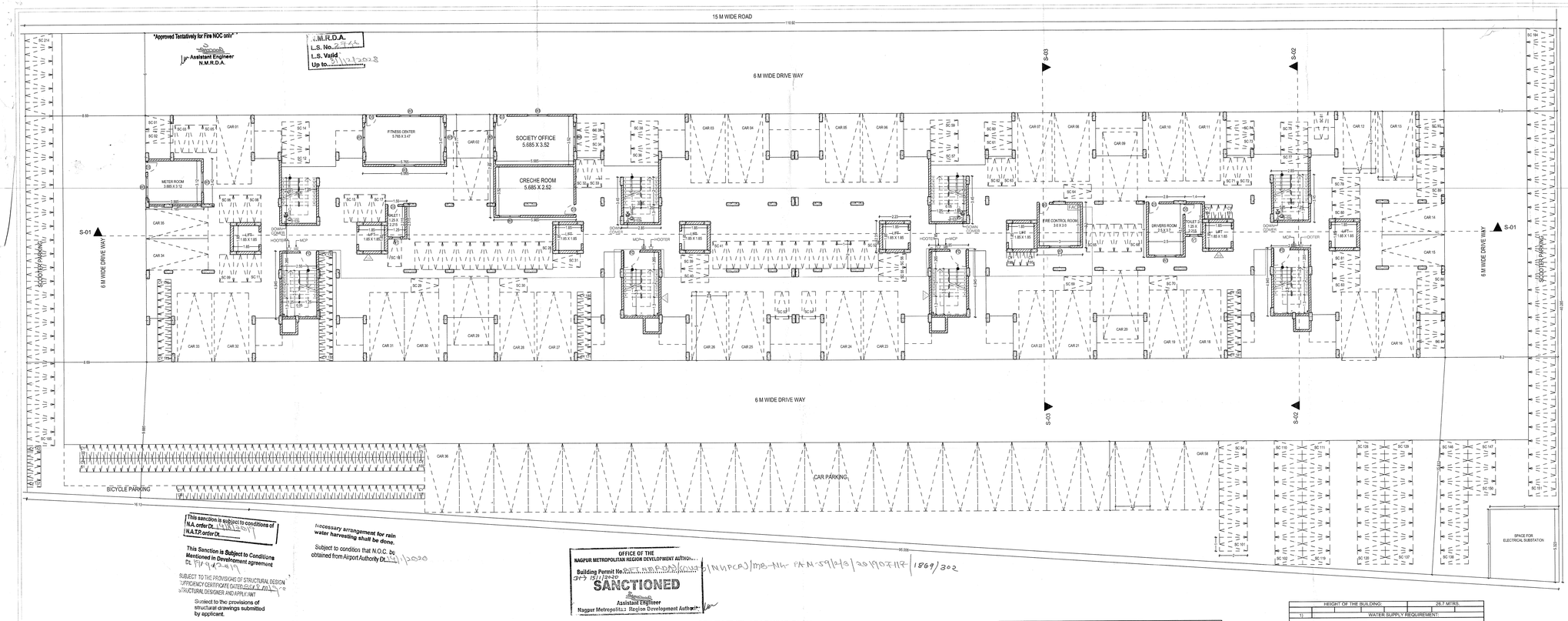


"Approved Tentatively for Fire NOC only"

Jr. Assistant Engineer
N.M.R.D.A.

N.M.R.D.A.
L.S. No. 2774
L.S. Valid Up to 31/12/2018

This sanction is subject to conditions of N.A. order Dt. 11/12/2017
N.A.T.P. order Dt. ____

This Sanction is Subject to Conditions Mentioned in Development agreement Dt. 17/11/2017

SUBJECT TO THE PROVISIONS OF STRUCTURAL DESIGN SUFFICIENCY CERTIFICATE DATED 20/12/2017 OF STRUCTURAL DESIGNER AND APPLICANT

Sunject to the provisions of structural drawings submitted by applicant.

Necessary arrangement for rain water harvesting shall be done.

Subject to condition that N.O.C. be obtained from Airport Authority Dt. 11/12/2020

OFFICE OF THE
NAGPUR METROPOLITAN REGION DEVELOPMENT AUTHORITY
Building Permit No. CC/NAGPUR/NMRDA/ME-NH-PAN-591072/2019071197/1869/302
Dt. 19/12/2020
SANCTIONED
Assistant Engineer
Nagpur Metropolitan Region Development Authority

STILT LEVEL / PARKING PLAN
(SCALE 1:100)

A	AREA STATEMENT OF KH. NO. 59/2/3	
SR.NO.	DECRIPTION	VALUE IN SQ.M.
1	NET PLOT AREA FOR FSI CALCULATION	6717.136
2	PERMISSIBLE BASIC FSI = 1.1 =	7388.850
3	PERMISSIBLE PREMIUM = 0.3 =	2015.141
4	TOTAL PERMISSIBLE BUP AREA	9403.991
5	PROPOSED BUILT-UP AREA	
6	GROUND FLOOR AREA	86.312
7	FIRST FLOOR AREA	1152.570
8	SECOND FLOOR AREA	1152.570
9	THIRD FLOOR AREA	1152.570
10	FOURTH FLOOR AREA	1152.570
11	FIFTH FLOOR AREA	1152.570
12	SIXTH FLOOR AREA	1152.570
13	SEVENTH FLOOR AREA	1152.570
14	EIGHTH FLOOR AREA	1152.570
15	TOTAL B/U AREA PROPOSED	9306.872
16	EXCESS BALCONY AREA TAKEN IN F.S.I (AS PER B(c) BELOW)	
17	TOTAL BUILT-UP AREA	9306.872
18	F.S.I CONSUMED	1.385

B	BALCONY AREA STATEMENT	
SR.NO.	DECRIPTION	VALUE IN SQ.M.
19	PERMISSIBLE BALCONY AREA	1383.088
20	PROPOSED BALCONY AREA	1338.8

AREA CALCULATION FOR GROUND FLOOR									
S.no	Discription	Type	Numbers	Length	Breadth	Altitude	Calculation	Answer	
				Area On Ground floor for FSI					
1	SOCIETY OFFICE & CRECHE ROOM	Rectangle	1	5.985	7.490		Length X breadth	44.828	
2	FITNESS CENTER	Rectangle	1	6.055	3.720		Length X breadth	22.585	
3	DRIVERS ROOM	Rectangle	1	2.800	4.050		Length X breadth	11.250	
4	TOILET 1	Rectangle	1	1.550	2.515		Length X breadth	3.898	
5	TOILET 2	Rectangle	1	1.400	2.515		Length X breadth	3.521	
							Total Area =	85.312	sq.m.
A							NET BUILT AREA FOR GROUND FLOOR	86.312	sq.m.
				Area of Staircase					
6	ST 1	Rectangle	4	2.850	4.650		Length X breadth	59.330	
7	ST2	Rectangle	4	2.850	4.565		Length X breadth	58.373	
B							Total Staircase Area =	95.703	sq.m.
				Area of Lift Duct					
8	LD	Rectangle	8	2.230	2.310		Length X breadth	41.210	
C							Total Lift Area =	41.210	sq.m.
				Area of Meter & Fire Control Room					
9	FIRE CONTROL ROOM	Rectangle	1	3.300	3.300		Length X breadth	10.890	
10	METER ROOM	Rectangle	1	4.185	3.200		Length X breadth	14.313	
D							Total Meter & Fire Control Room Area =	25.203	sq.m.
E							AREA FREE FROM F.S.I FOR GROUND FLOOR =	182.118	sq.m.

NO OF TENAMENTS	
TOTAL NO. OF FLOORS	= 8 NOS.
TENAMENTS ON EACH FLOOR	= 16 NOS.
TOTAL NO.OF TENAMENTS	=128 NOS.

HEIGHT OF THE BUILDING:	26.7 MTRS.
1) WATER SUPPLY REQUIREMENT:	
FLUSHING STORAGE CAPACITY	
TYPE - RESIDENTIAL	
FOR RESIDENTIAL PREMISES OTHER THAN TENAMENTS HAVING COMMON COVENIENCE: 270 LTRS. NET FOR 01 W.C. AND 180 LTRS. FOR EACH ADDITIONAL SEAT IN THE SAME FLAT.	
(B) NO. OF W.C. PER FLAT : 2 NOS.	
(C) FLUSHING REQUIREMENT PER FLAT : (450 LTRS. X 128 FLATS)	
(D) TOTAL FLUSHING REQUIREMENT : 57,600 LTRS. PER DAY	
WATER SUPPLY, DRAINAGE & SANITARY REQUIREMENT:	
(A) CONSIDERING 5 PERSON PER TENAMENT AND A WATER REQUIREMENT OF 150 LTRS. PER PERSON PER DAY AS PER NORMS	
(B) PER FLAT WATER REQUIREMENT : 5 X 150 = 750 LTRS. PER TENAMENT PER DAY.	
(C) NO. OF FLATS : 128 NOS.	
(D) TOTAL WATER REQUIREMENT : 128 X 750 = 96,000 LTRS. PER DAY	

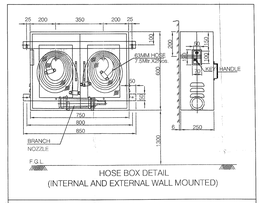
DOMESTIC IN LITERS			FIRE FIGHTING IN LITERS		
	U/G	O/H	U/G	O/H	
TOTAL REQUIREMENT 1,53,600 LITERS	64,300	64,300	-	25000	

2) SANITORY REQUIREMENT:			
FLOOR	NO. OF WC REQUIRED	NO. OF WC PROVIDED	NO. OF FLATS
GROUND		2 NOS.	0
FIRST	32 NOS.	32 NOS.	16
SECOND	32 NOS.	32 NOS.	16
THIRD	32 NOS.	32 NOS.	16
FOURTH	32 NOS.	32 NOS.	16
FIFTH	32 NOS.	32 NOS.	16
SIXTH	32 NOS.	32 NOS.	16
SEVENTH	32 NOS.	32 NOS.	16
EIGHTH	32 NOS.	32 NOS.	16
TOTAL			128

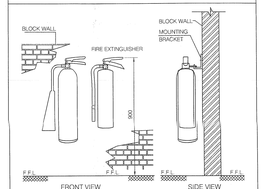
3) PARKING REQUIREMENT:							
PARKING REQUIREMENT FOR BUILDING = C							
CARPET in SQ.M.	NO. OF FLATS	REQUIRED CAR	REQUIRED SCOOTER	REQUIRED CYCLE	PROVIDED CAR	PROVIDED SCOOTER	PROVIDED CYCLE
51-111	128	43	172	172	55	191	172
5% VISITORS:		3	9	9	3	23	26
TOTAL		46	181	181	58	214	198

4) AREA OF STILT:	
	548.705

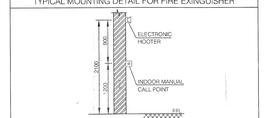
5) LIGHT & VENTILATION STATEMENT				
DESCRIPTION OF USER SPACE	CARPET AREA OF RM. IN SQ.M.	L&V REQUIRED 1/10th OF CARPET AREA	L&V PROVIDED IN SQ.M.	TYPE OF OPENING USED
LIVING ROOM	17.328	1.733	3	SD
BED ROOM 01	10.210	1.021	2.25	W3
BED ROOM 02	12.600	1.260	3	SD
KITCHEN	7.015	0.702	1.14	KW
TOILET	2.610	0.261	0.57	V



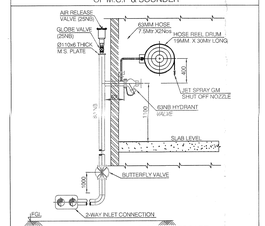
HOSE BOX DETAIL
(INTERNAL AND EXTERNAL WALL MOUNTED)



TYPICAL MOUNTING DETAIL FOR FIRE EXINGUISHER



TYPICAL MOUNTING DETAILS
OF M.C.P & SOUNDER

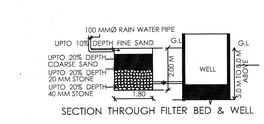


TYPICAL DETAILS OF FIRE ESCAPE
HYDRANT AND HOSE REEL ARRANGEMENT

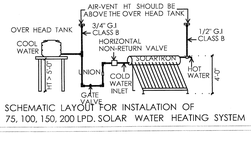
LEGENDS:

PS	PRESSURE SWITCH
PG	PRESSURE GAUGE
	SINGLE HEADED HYDRANT VALVE
	HOSE BOX WITH CANVAS CONNECTION
BFV	BUTTERFLY VALVE
AAV	AIR VENT VALVE
BV	BALL VALVE
NRV	NON RETURN VALVE
P1	BOOSTER PUMP 900 LPM
	MS PIPE
	MANUAL CALL POINT
	ELECTRONIC HOOTER
FACP	FIRE ALARM CONTROL PANEL
	2x1.5 SINGLE LOOP ARMORED CABLE
	EXTINGUISHER

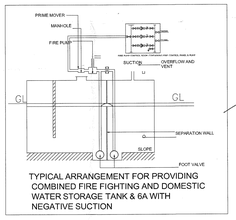
NOTE:
1. ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. PIPES UPTO 150ØB ARE MS `D' CLASS AS PER IS :1239 PART
3. FITTINGS SHALL BE WELDED TYPE
4. PIPES SHALL BE PAINTED WITH ONE COAT OF PRIMER & TWO COATS OF ENAMEL PAINT
5. PIPE SIZE / CABLE SIZE SHALL BE DONE BY THE NOMINATED CONTRACTOR BASED ON FINAL APPROVED FROM CONSULTANT.
7. THE CABLE ROUTING IS INDICATIVE AND IS SUBJECT TO CHANGE AS PER SITE CONDITIONS.
8. FIRE ALARM AND DETECTION SYSTEM IS DESIGNED AS PER IS: 2189/NFPA 72.
9. AS PER SITE CONDITION CABLE SHOULD RUN THROUGH WALL/CEILING WHEREVER IS POSSIBLE ELSE IT WILL RUN THROUGH SUITABLE CABLE TRAY.
10. TENTATIVE LOCATIONS OF THE FIRE EXTINGUISHERS ARE SHOWN ON DRAWINGS. ACTUAL LOCATIONS CAN BE DECIDED AT SITE AS PER STANDARDS.



SECTION THROUGH FILTER BED & WELL

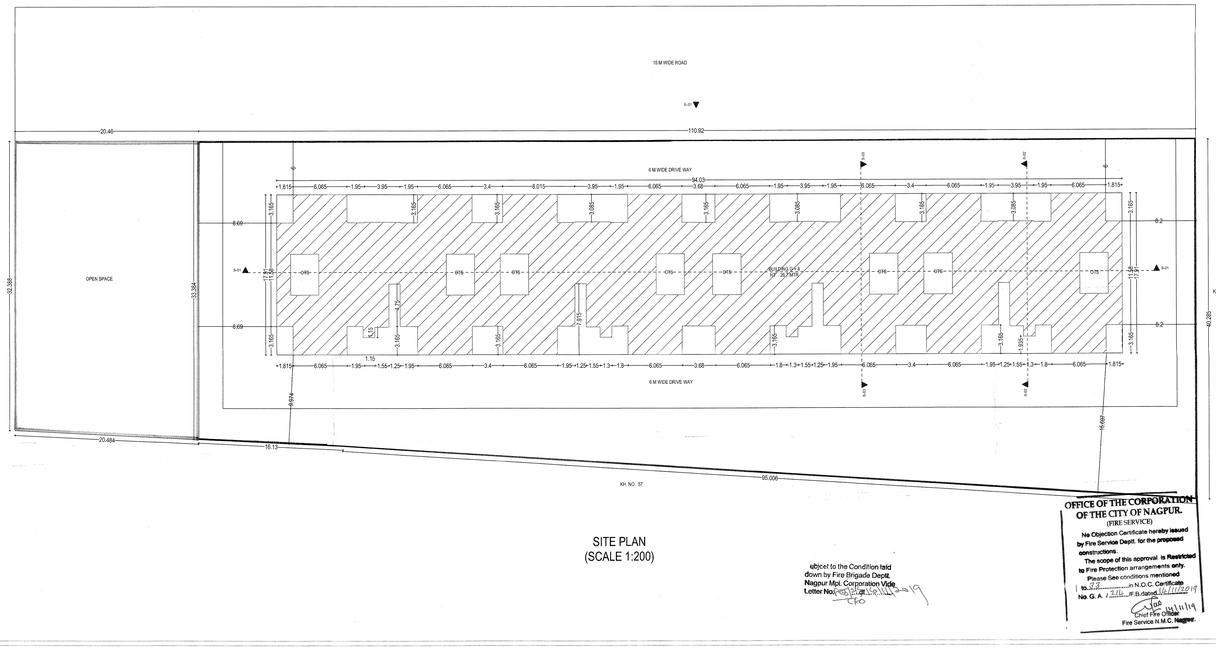


SCHEMATIC LAYOUT FOR INSTALATION OF
75, 100, 150, 200 LPD. SOLAR WATER HEATING SYSTEM



TYPICAL ARRANGEMENT FOR PROVIDING COMBINED FIRE FIGHTING AND DOMESTIC WATER STORAGE TANK & 6A WITH NEGATIVE SUCTION

Dy. Chief Fire Officer
Fire & Emergency Services,
N. M. C. Nagpur



SITE PLAN
(SCALE 1:200)

OFFICE OF THE CORPORATION
OF THE CITY OF NAGPUR.
(1782-328/EVR/ES)

No Objection Certificate hereby issued by Fire Service Deptt. for the proposed constructions.
The scope of this approval is Restricted to Fire Protection arrangements only.
Please See conditions mentioned in N.O.C. Certificate
No. G. A. / 2216 dt. dated 06/11/2019

Subject to the Condition laid down by Fire Brigade Deptt. Nagpur Mpl. Corporation Vide Letter No. 1782/328/EVR/ES dt. 19/11/19

Asstt Fire Officer
Fire Service N.M.C. Nagpur.

SUBMISSION DRAWING	SH. NO: 01
PROJECT ADDRESS:	

PROPOSED GROUP HOUSING RESIDENTIAL BUILDING PLAN ON LAND BEARING KHASRA/SURVEY NO.59/2/3 MOUZA PANURI (BZ), TAH. NAGPUR (RURAL), DIST. NAGPUR. BELONGING TO OM SHIVAM BUILDCON PVT. LTD. THROUGH DIRECTOR, SHRI RAVINDRA KISANRAO KAPSE

Window List				
Marker Text	Nominal W x H Size	Head Height	Sill Height	DESCRIPTION
W01	1.5x0.90	2.15	1.2	3 TRACK SLIDING WINDOW WITH MOSQUITO NETTING
V1	0.6x0.90	2.15	1.2	2 TRACK SLIDING VENTILATOR WINDOW
W3	1.5x1.5	2.15	0.65	3 TRACK SLIDING WINDOW

Door List		
Marker Text	Unit Dimensions	DESCRIPTION
D1	1x2.15	TEAK WOOD MAIN DOOR
D2	0.9x2.15	35MM THK FLUSH DOOR
D3	0.75x2.15	35MM THK FLUSH DOOR
FD	1x2.15	FIRE RATED METAL DOOR
KD	0.8x2.15	35MM THK FLUSH DOUBLE DOOR
SD1	1.8x2.15	2 SASH ALUMINIUM SLIDING DOOR

NOTES:
1. DRAWING SHOULD NOT BE SCALED AND ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
2. ALL EXTERNAL WALLS AREA 150 MM THK. AND INTERNAL WALLS 115 MM THK. FLY ASH BRICK.

PROPOSED CONSTRUCTION SHOWN IN
PLOT BOUNDARY SHOWN IN
PROPOSED OPEN SPACE SHOWN IN

NORTH:

DRAWING TITLE:	STILT / PARKING LAYOUT PLAN	
SCALE:	DATE:	REV. NO.:
SCALE:	01/10/2019	

OWNER: SIGNATURE:

OM SHIVAM BUILDCON PVT. LTD.
ROHERA ARCADE,
2ND FLOOR, AJNI SQUARE,
NAGPUR, MAHARASHTRA.

Om Shivam Buildcon Pvt. Ltd.
1:
Director
2:

ARCHITECT: SIGNATURE:

EKVEERA ARCHITECTS
215, Opp. Sangh Ground,
Ashwinee Nagar, Nagpur - 15
email: parag.s.tidke@gmail.com
(O) 0712-2249887, 0712-2249882

M/s Ekveera Architects
Authorised Signatory

FIRE PROTECTION CONSULTANT:

PREE ENGINEERING
LICENCE No. MFS-LAF-0705
LICENCE No. MFS-LAD-0260
Plot No. 2, Laxmi Nivas, Bapoji Ane Nagar, Nagpur - 440017. M. 9922481311
The Initial Build

PREE ENGINEERING
Plot No.2, Laxmi Nivas, Ground Floor,
Bapuji Ane Nagar, Nagpur 440017
Mo. No: 9922481318, E-Mail :
preeengineering17@gmail.com

PLOT NO. 59/2/3, MOUZA PANURI (BZ), TAH. NAGPUR (RURAL), DIST. NAGPUR.