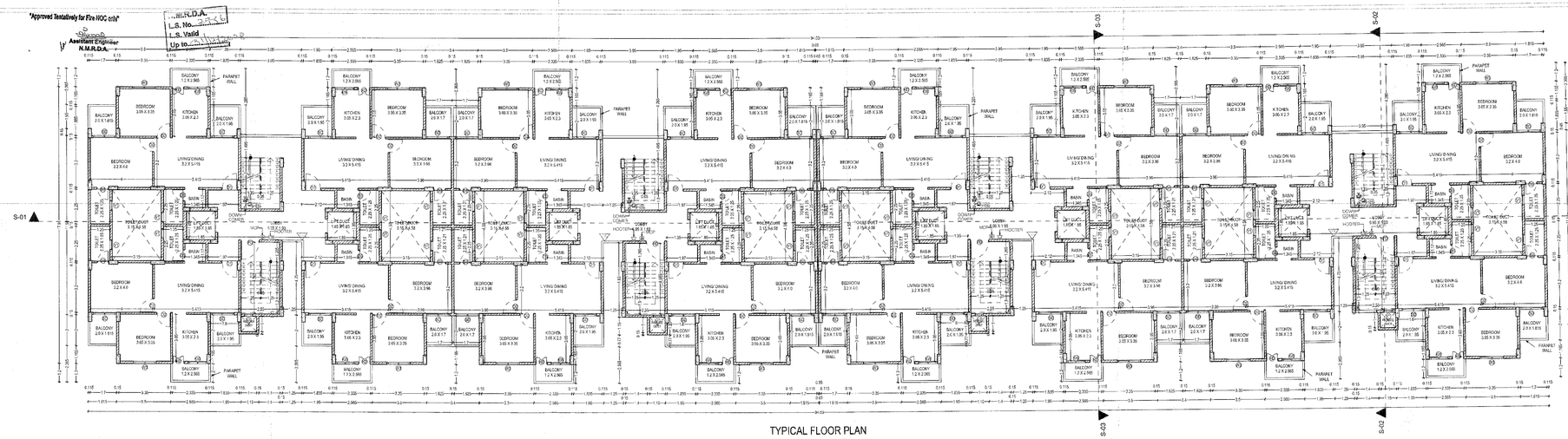
"Approved Tentatively for Fire NOC only"

N.M.R.D.A.

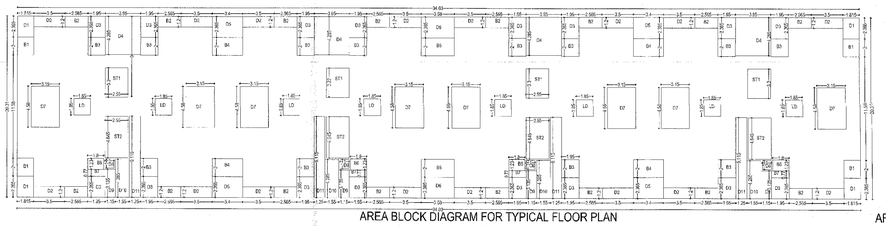
Assistant Engineer

N.M.R.D.A.

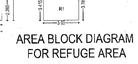
N.A. No.
L.S. No.
L.S. Valid Up to



TYPICAL FLOOR PLAN
SCALE(1:100)



AREA BLOCK DIAGRAM FOR TYPICAL FLOOR PLAN
SCALE (1:200)



AREA BLOCK DIAGRAM
FOR REFUGE AREA

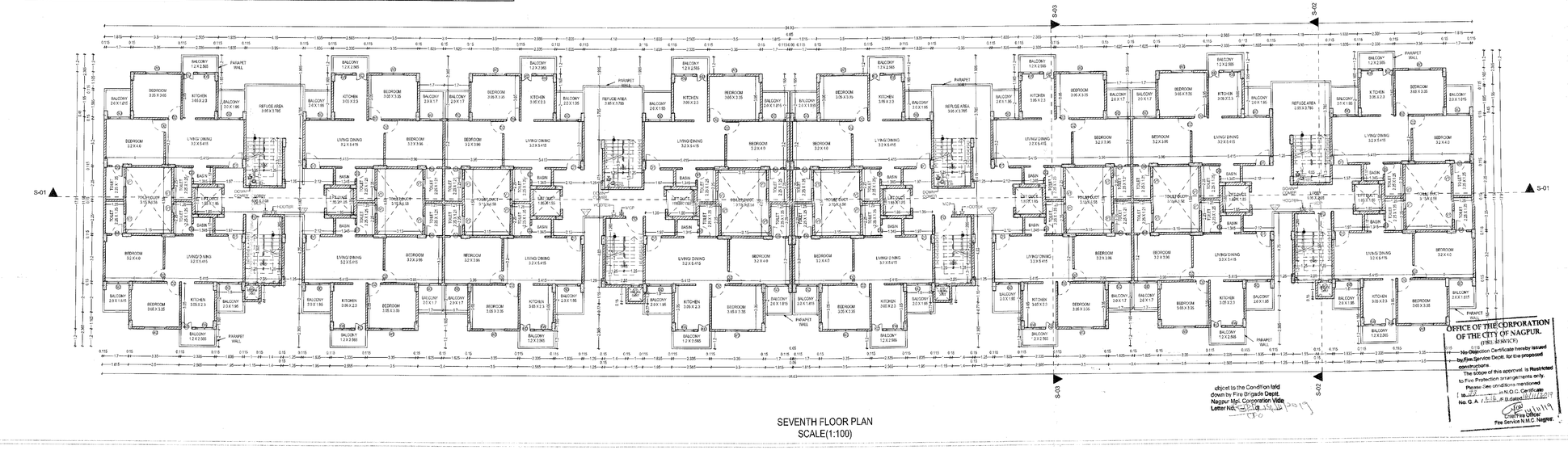
AREA CALCULATION FOR TYPICAL FIRST TO EIGHTH FLOOR									
S.no	Discription	Type	Number	Dimension Length	Dimension Breadth	Altitude	Calculation	Answer	SQ.M
Addition									
1	A1	Rectangle	1	94.030	20.310		Length X breadth	1909.749	
				Total Additional area for Typical First to Eighth Floor =				1909.749	sq.m
Deductions									
2	D1	Rectangle	4	1.815	2.365		Length X breadth	17.170	
3	D2	Rectangle	16	3.500	1.200		Length X breadth	67.200	
4	D3	Rectangle	16	1.950	2.365		Length X breadth	73.788	
5	D4	Rectangle	4	3.950	4.285		Length X breadth	67.703	
6	D5	Rectangle	4	3.400	2.365		Length X breadth	32.164	
7	D6	Rectangle	2	3.680	2.365		Length X breadth	17.406	
8	D7	Rectangle	8	3.150	4.580		Length X breadth	115.416	
9	D8	Rectangle	4	1.000	1.000		Length X breadth	4.000	
11	D9	Rectangle	4	1.150	3.135		Length X breadth	14.421	
12	D10	Rectangle	4	1.550	4.285		Length X breadth	26.567	
13	D11	Rectangle	4	1.250	9.115		Length X breadth	45.575	
18	ST1	Rectangle	4	2.550	3.300		Length X breadth	33.660	
19	ST2	Rectangle	4	2.550	4.645		Length X breadth	47.379	
20	LD	Rectangle	8	1.850	1.850		Length X breadth	27.380	
21	B1	Rectangle	4	1.815	2.000		Length X breadth	14.520	
22	B2	Rectangle	16	2.565	1.200		Length X breadth	49.248	
23	B3	Rectangle	12	1.950	2.000		Length X breadth	46.800	
24	B4	Rectangle	4	3.400	2.000		Length X breadth	27.200	
25	B5	Rectangle	2	3.680	2.000		Length X breadth	14.720	
26	B6	Rectangle	4	1.800	1.230		Length X breadth	8.856	
27	B7	Rectangle	4	1.950	0.770		Length X breadth	6.006	
							Total Deduction =	757.178	sq.m
A							-TOTAL BUILT UP AREA = Additional - Deduction	1152.570	sq.m
							NET BUILT UP AREA FOR FSI PURPOSE =	1152.570	sq.m
							REFUGE AREA ON SEVENTH FLOOR		
28	R1	Rectangle	4	3.950	3.415		Length X breadth	53.957	
29	R2	Rectangle	4	4.180	0.370		Length X breadth	6.186	
							Total Deduction area =	60.143	sq.m
B							TOTALREFUGE AREA FOR SEVENTH FLOOR =	60.143	sq.m

C								172.686	sq.m
				15% OF NET B/U AREA =					
				Total Open Balcony Area =					
30	B1	Rectangle	4	1.815	2.000		Length X breadth	14.520	
31	B2	Rectangle	16	2.565	1.200		Length X breadth	49.248	
32	B3	Rectangle	12	1.950	2.000		Length X breadth	46.800	
33	B4	Rectangle	4	3.400	2.000		Length X breadth	27.200	
34	B5	Rectangle	2	3.680	2.000		Length X breadth	14.720	
35	B6	Rectangle	4	1.800	1.230		Length X breadth	8.856	
36	B7	Rectangle	4	1.950	0.770		Length X breadth	6.006	
							TOTAL BALCONY AREA PROPOSED =	167.350	sq.m
D				Area of Staircase					
37	ST1	Rectangle	4	2.550	3.300		Length X breadth	33.660	
38	ST2	Rectangle	4	2.550	4.645		Length X breadth	47.379	
							Total Staircase Area =	81.039	sq.m
E				Area of Lift Duct					
39	LD	Rectangle	8	1.850	1.850		Length X breadth	27.380	
							Total Lift Area =	27.380	sq.m

TOTAL GROSS AREA STATEMENT									
FLOORS	BUILT-UP		TOTAL BALCONY AREA	TOTAL AREA	LIFT DUCT AREA	FIRE ESCAPE & STAIRCASE AREA	STILT AREA	O.H.T.	REFUGE/ METER ROOM/ FIRE CONTROL ROOM	TOTAL GROSS AREA
	(SQ.MT.)		(SQ.MT.)	(SQ.MT.)	(SQ.MT.)	(SQ.MT.)	(SQ.MT.)	(SQ.MT.)	(SQ.MT.)	(SQ.MT.)
	A		B	D = A + B	I	II	III	IV	V	D + I + II + III + IV + V
BUILDING A										
GROUND FLOOR	86.312		-	86.312	41.210	95.703	1082.102	-	162.116	1467.443
FIRST FLOOR	1152.570		167.350	1319.920	27.380	81.039	-	-	-	1428.339
SECOND FLOOR	1152.570		167.350	1319.920	27.380	81.039	-	-	-	1428.339
THIRD FLOOR	1152.570		167.350	1319.920	27.380	81.039	-	-	-	1428.339
FOURTH FLOOR	1152.570		167.350	1319.920	27.380	81.039	-	-	-	1428.339
FIFTH FLOOR	1152.570		167.350	1319.920	27.380	81.039	-	-	-	1428.339
SIXTH FLOOR	1152.570		167.350	1319.920	27.380	81.039	-	-	-	1428.339
SEVENTH FLOOR	1152.570		167.350	1319.920	27.380	81.039	-	-	60.143	1488.482
EIGHTH FLOOR	1152.570		167.350	1319.920	27.380	81.039	-	-	-	1428.339
TERRACE	-		-	-	-	-	-	124.308	-	124.308
TOTAL	9306.872		1338.800	10645.672	260.2504	744.015	1082.102	124.308	222.259	13078.606
TOTAL GROSS AREA										13078.606

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	17.329	1.733	3	SD
	BED ROOM 01	10.210	1.021	2.25	WD
	BED ROOM 02	12.800	1.280	3	SD
	KITCHEN	7.015	0.702	1.14	KW
	TOILET	2.810	0.281	0.37	V

BALCONY AREA STATEMENT				
FLOOR	BUILT-UP (SQ.MT.)	PERMISSIBLE BALCONY AREA (SQ.MT.)	PROPOSED BALCONY AREA (SQ.MT.)	TOTAL GROSS AREA (SQ.MT.)
GROUND	86.312	-	-	86.312
FIRST	1152.570	172.886	167.350	1319.920
SECOND	1152.570	172.886	167.350	1319.920
THIRD	1152.570	172.886	167.350	1319.920
FOURTH	1152.570	172.886	167.350	1319.920
FIFTH	1152.570	172.886	167.350	1319.920
SIXTH	1152.570	172.886	167.350	1319.920
SEVENTH	1152.570	172.886	167.350	1319.920
EIGHTH	1152.570	172.886	167.350	1319.920
TOTAL	9306.872	1383.088	1338.800	10645.672



SEVENTH FLOOR PLAN
SCALE(1:100)

OFFICE OF THE
NAGPUR METROPOLITAN REGION DEVELOPMENT AUTHORITY
Building Permit No. NMRDA/BP/DAN/MISC/1/1869/302 Dt. 31/12/2018
SANCTIONED
Assistant Engineer
Nagpur Metropolitan Region Development Authority

This sanction is subject to conditions of
N.A. order Dt.
N.A.T.P. order Dt.

This Sanction is Subject to Conditions Mentioned in Development agreement Dt.

SUBJECT TO THE PROVISIONS OF STRUCTURAL DESIGN SUFFICIENCY CERTIFICATE DATED ... OF THE STRUCTURAL DESIGNER AND APPLICANT

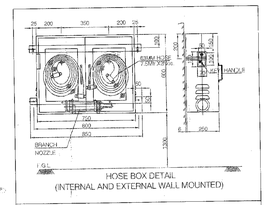
Succject to the provisions of structural drawings submitted by applicant.

Necessary arrangement for rain water harvesting shall be done.

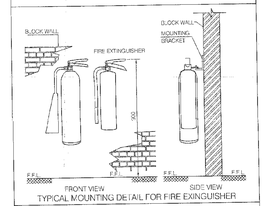
Subject to condition that N.O.C. be obtained from Airport Authority Dt.

OFFICE OF THE CORPORATION OF THE CITY OF NAGPUR.
(FIRE BRANCH)
This Objection Certificate hereby issued by Fire Service Dept. for the proposed construction.
The scope of this approval is Restricted to Fire Protection arrangements only.
Please See conditions mentioned in N.O.C. Certificate
No. G. A. / F.B. dated
Chief Fire Officer
Fire Service N.M.C. Nagpur.

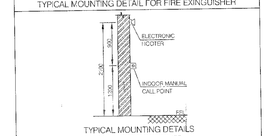
Subject to the Condition laid down by Fire Brigade Deptt. Nagpur Mpl. Corporation Vide Letter No. dated



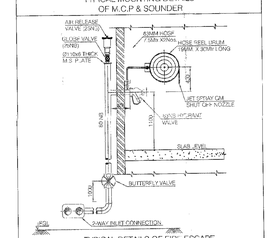
HOSE BOX DETAIL
(INTERNAL AND EXTERNAL WALL MOUNTED)



TYPICAL MOUNTING DETAIL FOR FIRE EXINGUISHER



TYPICAL MOUNTING DETAILS
OF M.C.P & SOUNDER



TYPICAL DETAILS OF FIRE ESCAPE
HYDRANT AND HOSE REEL ARRANGEMENT

Window List				
Marker Type	Nominal W x H Size	Sill Height	Head Height	DESCRIPTION
W1	1.2x0.95	0.15	1.2	4mm THK.CENTRE GLAZED SLIDING WINDOW
W2	0.6x0.95	0.15	1.2	4mm THK.CENTRE GLAZED SLIDING WINDOW
W3	0.6x1.2	0.15	0.05	4mm THK.FIXED GLAZED WINDOW

Door List		
Marker Type	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
D5	1x2.15	FIRE RATED METAL DOOR
D6	1.8x2.15	35MM THK FLUSH DOUBLE DOOR
W1	1.8x2.15	2 SASH ALUMINIUM SLIDING DOOR

LEGENDS:

PS	PRESSURE SWITCH
PG	PRESSURE GAUGE
SH	SINGLE HEADED HYDRANT VALVE
HB	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 150ØD ARE MS `C' CLASS AS PER IS :1239 PART
3. FITTINGS 'B/A L.BS' 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 RATED ON FINAL APPROVED FROM CONSULTANT.
6. THE CABLE ROUTING IS INDICATIVE AND IS SUBJECT TO CHANGE AS PER SITE CONDITONS.
7. FIRE ALARM/MU LUTECTION 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 AS SHOWN ON DRAWINGS. ACTUAL LOCATIONS CAN BE DECIDED AT SITE AS PER STANDARDS.

FIRE PROTECTION CONSULTANT:

PREE ENGINEERING
LIC.ENGG.ES.11.SA.AF.4265 PREE
SOURCE NO. MH/SAD-2667
Nagpur - 440011. M. 9922481316
The Initial Build

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

SUBMISSION DRAWING		SH. NO: 02
PROJECT ADDRESS:		
PROPOSED GROUP HOUSING RESIDENTIAL BUILDING PLAN ON LAND BEARING KHASRA-SURVEY NO 59/2/3 MOUZA PANJRI (BZ), TAH. NAGPUR (RURAL), DIST. NAGPUR, BELONGING TO OM SHIVAM BUILDCON PVT. LTD. THROUGH DIRECTOR, SHRI RAVINDRA KISANRAO KAPSE		
NORTH:	DRAWING TITLE:	TYPICAL FLOOR PLAN
	SCALE:	DATE: REV. NO.:
	SCALE:	01/10/2019
OWNER:	SIGNATURE:	
OM SHIVAM BUILDCON PVT. LTD. PLOT NO.59/2/3, AUTO ZONE, MOUZA PANJRI, NAGPUR, MAHARASHTRA.	Om Shivam Buildcon Pvt. Ltd. 1: Director 2:	
ARCHITECT:	SIGNATURE:	
EKVEERA ARCHITECTS 2/5, Ujjai Sangh Ground, Atmaram Nagar, Nagpur - 10 email: pankaj.k.lulla@gmail.com Cell: (0) 7276666677, 8975 2263800	M/s Ekveera Architects Authorised Signatory	

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