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दिल्ली विकास प्राधिकरण
DELHI DEVELOPMENT AUTHORITY

मुख्य योजना - 2021 की समीक्षा
Master Plan Review-2021

OFFICE OF THE DIR (P.O.)
MPR/TQ/DDA/JN/DLH-2
Dy. No. 251
Dated: 25/6/12

पंजीकरण फार्म
REGISTRATION FORM

“ओपन हाउस मीट्स”
“OPEN HOUSE MEETS”

फार्म प्रतिभागी द्वारा भरा जाए
Form to be filled by Participant

नाम Name	BHUPINDER SINGH
प्रतिनिधि : Representing : सरकारी विभाग / फेडरेशन / संघ (एसोसिएशन) / आर डब्लू ए / व्यक्तिगत Government Department/ Federation/Association/RWA/ Individual	INDIVIDUAL
वर्तमान स्थिति Present Position	
फोन : कार्यालय Phone : Office आवास Residence मोबाइल Mobile	— C-71 ASHOK VIHAR Phase - 1 Delhi 9213946493
फैक्स : Fax :	—
ई-मेल E-mail	ndcndi@yahoo.com
पता : Address :	C-71 ASHOK VIHAR PHASE-1 DELHI 11008
हस्ताक्षर : Signature :	
तिथि : Date :	30.6.2012

“अपने पंजीकरण फार्म ओपन हाउस मीट्स के स्थल पर जमा कराएं
“Submit your registration form at the venue of Open House meets.”

Mr A.K.MANNA
Director (Plg)
DDA Zone F & H
4th Floor Vikas Minar
New Delhi

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Dear Sir,

Sub: Suggestion for review of master plan 2021 with respect to future parking needs of citizen of Delhi

Over the period the resident living in plot area below 200 mtr situated in unauthorized regularized s/urbanized villages, unauthorized colonies and regularized plotted colonies are facing persistent threat of demolition. Their fate is still awaits the complete implementation of master plan 2021.

Some relief has been provided in current master plan 2021 but suggestions below would make it complete for people in Delhi. These suggestion are future need oriented.

Back ground :

The restriction of the height to 15 mtr for all building in residential areas is forcing the architects to make height of each floor about 9 feet. Let me show little light on the situation upto 1965 when there was no planned activity in development of housing in the city. The room height was taken around 14 -16 ft. by people. Roshandan were standard feature of rooms to remove hot air from rooms. This height was sufficient to offer good volume of air in the room. Density of humans in rooms was sufficient for keeping the room at comfortable condition even in worst condition of summer. But during period 1965-90 the height was reduced to 11 feet. By this the volume of air in room reduced further. Compounding of Global warming, Pollution, and increase in density of humans has brought in the need of Air conditioning of rooms on large scale. The further reduction in height of rooms to 9 ft in 90's has further reduced the air volume in the room.

Currently most of the houses, which are been build are taking advantage of no setback required on the back. These are fully covered from back or use of iron grills. When the iron grills are used, these are exposed to sun and being good conductor these are getting heated during the day time. The heat/energy is being transferred to the walls which is making rooms more warm. The cooling required for all the floors in building has increased due to this reason. It means on more use of electricity.

Currently the presence of more electrical and electronic equipments in residence rooms is forcing too frequent switching on and off of air-conditioning equipments. Ref the table below

This is forcing for more demand of electricity from municipalities. If an optimum height of room is maintained at 10-5 to 11 feet, it would reduce demand of electricity from DELHI GOVT.

Suggestions:

1. Height:

The maximum height of all plot sizes shall increase to 18 of mtr. considering the future need of global warming and parking. The height of stilts shall be increased to minimum 4.2 mts. So that a mechanical parking could be installed in future to meet the increased parking needs. Height of rooms shall be increased to 10-11 feet.

2. Parking:

A normal construction of residence plot is done keeping in mind the future need for minimum 30-40 years. Parking need would increase in next 30-40 years (**Economical situation in India has shown this trend from 1 cycle to 1 cars in last 40 years**). The need of parking area for each Dwelling unit would increase to 85 sq. mtr in next 30-40 yrs. Resident of capital would not be able to reconstruct their dwelling units. **Delhi Govt. and MCD should consider installation of mechanical parking in stilts.** This would be possible if the ht. of the stilts is increased to minimum 4.2 mts. A photo of referred parking is attached

When we are talking about height and parking we shall also consider increase of coverage required by humans.

3. Coverage:

Maximum ground coverage shall be only **90 % up-to plot area 200 sq. mtr. with a FAR 360 (For Old or New House)**. New houses which shall be constructed and completed upto March-2021 shall be allowed this. -

I HOPE THAT THESE SUGGESTIONS WOULD BE CONSIDERED IN REVIEW FOR CREATING BETTER ENVOIREMENT FOR PEOPLE OF DELHI.

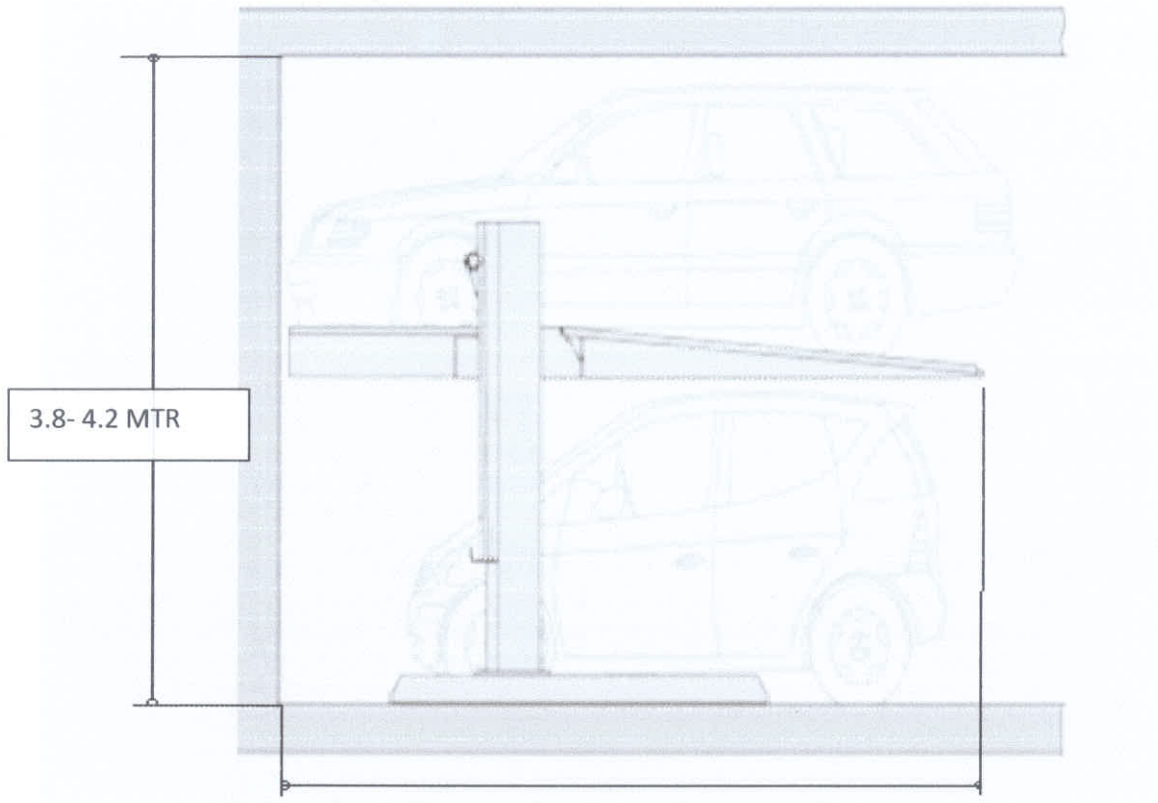

BHUPINDER SINGH

C-71, ASHOK VIHAR, PHASE-1 DELHI-110052

Rooms height : 11 ft	Rooms height : 9.0 ft
Area of Room size (11 X 14 ft)	Area of Room size (11 X 14 ft)
Volume : 48 cu. mt.	Volume : 39.5 cu. mt
Air condition need : 1.5 tons	Air condition need : 1.5 tons
Initial time to reach 25 degree Celsius: 28 min	Initial time to reach 25 degree Celsius: 24 min
Re-switching of AC : Every 4.2 min	Re-switching of AC : Every 3.6 min (loss of 14.3 % energy)

Considering all other conditions of room and air conditioning are identical

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Parking Photo's



USE of MECHANICAL PARKING IN THE STILTS

