PROJECT NAME:
APPROVAL OF BUILDING PLAN OF GROUP HOUSING COLONY AN AREA MEASURING 9.2453 ACRES (LICENCE NO. 264 OF 2023, DATED 19-12-2023) IN SECTOR-77, GURUGRAM, HARYANA.

PERFORMA FOR APPROVAL OF FIRE SCHEME

HARYANA FIRE SERVICE

QUESTIONNAIRE FOR HIGH RISE BUILDINGS

S.No.	DESCRIPTION	Requirement as Per NBC-2016	Proposed	Remarks
1	Name of Building	As per BR-III	Approval of building plan of Group Housing colony an area measuring 9.2453 acres (licence no. 264 of 2023, dated 19-12-2023) in sector-77, gurugram, HR beeing developed by **Adore Propmart LLP.**	
2	Classification of building	As per NBC 3.1.2 (Residential Apartment A-4)	Residential Apartment Building (Group A, Sub Division A-4) Community Building (Assembly Building) Convenient Shopping (Mercantile Building)	
3	Address of Building	As per BR-III	Approval of building plan of group housing colony an area measuring 9.2453 acres (licence no. 264 of 2023, dated 19-12-2023) in sector-77, gurugram, HR beeing developed by **Adore Propmart LLP.**	
4	Name and address of builder/promoter	As per BR-III	Adore Propmart LLP.	
5	Name and address of Owner / occupiers of individual flats	As per BR-III	Adore Propmart LLP.	
6	Plot area	As per Sanction Plan	9.2457 acres	
7	Covered area (at Grade Lvl of each Tower)	As per Sanction Plan	Tower 1 = 626.862 sqm. Tower 2 = 626.862 sqm. Tower 3 = 651.020 sqm. Tower 4 = 651.020 sqm. Tower 5 = 864.186 sqm. EWS = 416.661 sqm. Community = 1076.873 sqm. Shopping = 186.92 sqm.	

Certified that Fire Fighting Scheme is as per NBC Part IV, revised 201

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S.No.	DESCRIPTION	Requirement as Per NBC-2016	Proposed	Remarks
8	Height of building			
	a. Overall height (from grade level)	As per Sanction Plan	Tower 1 = 93.60m Tower 2 = 93.60m Tower 3 = 93.60m Tower 4 = 93.60m Tower 5 = 67.15m EWS = 21.20m Community = 4.90m Shopping = 4.40m	
	b. Height up to the Terrace of highest occupied floor/Level	As per Sanction Plan	Tower 1 = 90.75m Tower 2 = 90.75m Tower 3 = 90.75m Tower 4 = 90.75m Tower 5 = 64.30m EWS = 18.40m Community = 4.90m Shopping = 4.40m	
9	Number of basements (please indicate level below grade in each case)	As per Sanction Plan	LVL - BASEMENT 1 - 4600 MM LVL - BASEMENT 2 - 8700 MM	
10	Number of floors (including ground floor)	As per Sanction Plan	Tower 1 = S+26 Tower 2 = S+26 Tower 3 = S+26 Tower 4 = S+26 Tower 5 = S+18 EWS = G+5 Community = Ground Floor Shopping = Ground Floor	
11	Area of each basement	As per Sanction Plan	BASEMENT 1 = 29710.694 sqm BASEMENT 2 = 29710.694 sqm	
12	If basement extends beyond the building line, please indicate the load bearing strength of the roof of basement	As per clause no 4.6 of NBC-2016 Part-III, 45 Ton	Designed for 45 T (Fire Tender Movement load)	
13	Covered area of typ. Floors	As per Sanction Plan	Tower 1 = 459.266 sqm. Tower 2 = 459.266 sqm. Tower 3 = 512.775 sqm. Tower 4 = 526.702 sqm. Tower 5 = 656.397 sqm. EWS = 375.633 sqm. Community = 1076.873 sqm. Shopping = 186.92 sqm.	-
14	Occupancy			
	Sanctioned			
	1. Basement	As per Sanction Plan	Parking	
	2. Ground	As per Sanction Plan	Residential + Community	
	3. Upper Floor	As per Sanction Plan	Residential	

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	Actual			
	1. Basement	As per Sanction Plan	Parking	
	2. Ground	As per Sanction Plan	Residential + Community	
	3. Upper Floor	As per Sanction Plan	Residential	
15	Parking areas	As per BR-III & Sanction Plan	Covered Parking = 1636 Open Parking = 193	
16	Details of surrounding property / features			
	Compass directions in relations to the building	As per Sanction Plan		
	North	As per Sanction Plan	Others Property	
	South	As per Sanction Plan	Others Property	
	East	As per Sanction Plan	60m wide sector road	
	West	As per Sanction Plan	Others Property	
17	Approach road to the building ,width of road & connecting roads if any	As per Sanction Plan	12m wide service road through 60m sector road	
18	Please give details of water supply available exclusively for fire fighting.			
	a. Underground Fire Reserve.	As per NBC-2016 Part IV,Table No.7, Column no.11 Under residential Building (A3 and A-4). 200000 Liters/Set of Pump for 100 Nos. of Hydrant	U.G. Fire Tank 620 KL i.e. 2 X 200 KL & 1 X 220 KL (400 KL for Fire & 220 KL for Water Curtain)	
	b. over head fire reserve.	Over Head Tanks Capacity Tower 1: 10 KL Tower 2: 10 KL Tower 3: 10 KL Tower 4: 10 KL Tower 5: 10 KL EWS : 25 KL Community = 20 KL Shopping = 5 KL	Over Head Tanks Capacity Tower 1: 10 KL Tower 2: 10 KL Tower 3: 10 KL Tower 4: 10 KL Tower 5: 10 KL EWS : 25 KL Community = 5KL Shopping = 5 KL	
19	Has wet riser been provided if so, please indicate the number of risers and internal dia of each.	As per NBC-2016 Part IV,Table No.7, Column no.5 Under residential Building (A3 and A-4). The requirement of wet riser is as following: Tower 1: 100mm @ 1 No. Tower 2: 100mm @ 1 No.. Tower 3: 100mm @ 1 No. Tower 4: 100mm @ 1 No.. Tower 5: 100mm @ 1 No. EWS : NA Community = NA. Shopping = NA	Wet riser system has been provided as given below: Tower 1: 100mm @ 1 No. Tower 2: 100mm @ 1 No.. Tower 3: 100mm @ 1 No. Tower 4: 100mm @ 1 No.. Tower 5: 100mm @ 1 No. EWS : NA Community = 100mm @ 1 No. Shopping = NA	
20	Has any dry riser been provided? if so, please give details	Not Required	Not Provided	

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21	Has any down comer been provided? If so, please give details.	As per NBC-2016 Part IV, Table no 7 Column no -6 , Down comers required in the buildings hight less than 35 Meter . The requirement of down comer is as follows: Tower 1: NA Tower 2: NA Tower 3: NA Tower 4: NA Tower 5: NA EWS : 100mm @ 1 No. Community = 100mm @ 1 No. Shopping = NA	Details of down comer system are as follows: Tower 1: NA Tower 2: NA Tower 3: NA Tower 4: NA Tower 5: NA EWS : 100mm @ 1 No. Community = Wet Riser given 100mm @ 1 No. Shopping = 100mm @ 1 No.	
22	Please indicate the present arrangement for replenishment of water for fire fighting.	Replenishment of water for fire fighting with capacity 1000 liters/min for one hour.	Bypass line from Swimming Pool is connected as Replenishment of water.	
23	Is a public or other water storage facility available nearby?		No	
24	Please give any other information that you can, regarding availability of water supply for firefighting.		Yes, Domestic UGT provided inside premises. Domestic Water Tank = 360 KL	
25	Have internal hydrants been provided? if so, please indicate.	As per Table-8 of NBC-2016 Part-IV, Rising mains 100mm with single outlet landing valves.	Yes, Single headed Internal hydrant has been proposed on each floor including basements & Terrace .	
	a. Nos of Hydrants & No. on each Floor including Basement (s)		Towers 1 to 5 = 1 No at each floor. Basement-1 = 19 Nos Basement-2 = 19 Nos. EWS : 1 no at each floor Community = 1 nos Shopping = NA	
	b. Have these hydrants single or twin outlets	As per Table-8 of NBC-2016 Part-IV Outlets are required as follows: Tower 1 to 5: Single Outlet EWS : Single Outlet Community = Single Outlet. Shopping = NA	Tower 1 to 5: Single Outlet EWS : Single Outlet Community = Single Outlet Shopping = NA	

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26	Have first aid hose reels been provided? If so, please indicate	As per NBC-2016 Part-IV clause no. 5.1.1.d,In addition to wet riser or down-comer, first aid hose reels shall be installed in buildings (where required under table 7)	Yes, Provided at each floor landing Valve of all towers & basement	

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S.No.	DESCRIPTION	Requirement as Per NBC-2016	Proposed	Remarks
	a. No. of Hose reels on each floor Including basement(s).	One on each floor in each tower	Towers 1 to 5 = 1 No at each floor. Basement-1 = 19 Nos Basement-2 = 19 Nos. EWS : 1 no at each floor Community = 1 No. Shopping = 1 No.	
	b. Bore and length of hose reel tubing on each reel	As per NBC-2016 Part-IV clause no. 5.1.1.d.shall not less than 19mm and 30m long.	20 mm diameter, 36.5 meter long.	
	c. Size(bore) and type of nozzle fitted to each hose reel	6 mm Shut off Nozzle of gunmetalAS PER IS: 903 Section 3 Clause 7.2	5 mm Shut off Nozzle of SS.	
	d. If the hose reel connected directly to the riser or to the hydrant outlet?	As per NBC-2016 Part-IV Clause No. 5.1.1.d. The first-aid hose reel shall be directly connected to wet riser.	Yes, First aid hose reel provided with direct connection from the wet riser system.	
27	Has fire hose been provided near each Hydrant , If so, please indicate	As per IS:3844 Clause no. 5.12 for each internal hydrant there should be a total length of not less than 30m of 63mm conforming to Type A of IS:636:1988 or provided in two lengths of not more than 15m.	Yes, proposed with two no's 15m each with each hydrant valve.	
	a. The type of hoses	RRL	RRL type, RRL Type A as per IS 636-1988	
	b. The size(bore) of hoses	63mm dia	63mm dia	
	c. The length of each hose	15 Meter	15 Meter	
	d. Total No. of hoses provided near each hydrant	Two	2 Nos. Hose for each cabinet of Each Floor	
28	Have branch pipes been provided? If so, please indicate.	As per clause no 5.2 of IS: 3844, Branch pipes are required to be provided with each FHC.	Yes, Provided with each FHC.	
	a. The type of branch pipe	Short branch type with ISI Mar..ed	Short branch type with ISI Marked	
	b. Size of nozzle fitted to each pipes	20mm dia	20mm dia	
29	If the basement is used for car parking or storage, has it been sprinklered?	RequiredAs per NBC-2016, Part-IV clause no. 5.1.3 (a) Automatic sprinklers Shall be installed wherever required in terms of table 7 throughout the building in accordance with good practice [4(20].	Yes, basements are used for car parking & services. Basements are provided with Automatic Sprinklers system.	
30	Weather separation / compartmentation of the Basement & upper floors has been provided. If so give detail	Compartmentation required wherever area exceeding 3000 sqm in basement.	Yes, basements are used for car parking & services. 9 No. of Compartment on 1st Basement & 9 Nos. of Compartment in 2nd Basement Each Zone area shall be 2900 SMT Approx.	
31	Is the building equipped with automatic fire detection and alarm system? if so, please indicate –	As per NBC -2016 Part-IV Table -7 Under Residential Building (A-4) building with height more than 60m shall be provided with automatic detection system, the tower less than 60m in height shall be provided with Manual Fire Alarm System	Automatic fire detection system is proposed in all Lift Lobby, Electrical Room, CCTV/LV Room, TR. Room, DG Room, & All Close Room in Basement area. (Except car parking area) & Automatic Fire detection system in Halls & in all the electrical Shafts in the tower. MOEFA is provided in EWS .	
	a) The type of detectors used	Smoke / Heat detectors	Smoke / Heat detectors Provided.	
	b) The standard to which the detectors conforms	IS 2189/NBC-2016/EN/UL 268	IS 2189/NBC-2016/EN/UL 268	

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32	Have manual call boxes been installed in the building for raising an alarm in the event of an outbreak of fire? If so, please give details.	Required As per NBC-2016 Part-IV Table-23, Column no. 9	Yes, Manual call boxes have been provided for the entire project in line with the requirement of NBC-2016 Part IV	
33	Has a public address system been installed in the building with loud speakers on each floors.	As per Table-7, Notes of NBC 2016, MOEFA System shall also include public address system for the occupancies given in the table A-3 where these shall be provided for buildings of height 24 m and above.	Yes, Public Address System has been provided for appartment buildings in line with the requirement of Table-7, Notes of NBC 2016	
34	Has an intercom system been provided between the various floors and the fire control room in the entrance lobby.	As per Table-7, Notes of NBC 2016, MOEFA System shall also include talk-back system for the occupancies given in the table A-3 where these shall be provided for buildings of height 24 m and above.	Fire-fighter's telephone jack provided at each floor of the building for two way communication with fire control room.	
35	Has a fire control room been provided in the entrance lobby of the building	As per Clause no. 3.4.12 of NBC-2016, Fire command centre shall be on the entrance floor of the building having direct access. The control room shall have the main fire alarm panel with communication system (suitable public address system) to aid floors and facilities for receiving the message from different floors.	Fire Control Room Provided at Stilt Floor in Tower 3.	

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36	How many Staircases have been provided in the building?	Required 2 Nos.	Provided 02 nos. in each tower	
	b. The width of the stairway	As per NBC 1250 mm.	1250	
	b. The width of Treads	As per NBC 250 mm.	250	
	c. The height of risers	As per NBC 150 mm.	150	
	d. If the treads are of non- slip type	Non slippery type	Yes, non slippery type	
37	What is the average occupant load per floor?	As per NBC 4.3 and Table, 20 occupant load required.	Tower 1 & 2 Typical Floor: Gross Area 459.266 Sqm/ 12.5 Sqm per person = 37 Pax Tower 3 Typical Floor: Gross Area 512.755 Sqm/ 12.5 Sqm per person = 41 Pax Tower 4 Typical Floor: Gross Area 526.702 Sqm/ 12.5 Sqm per person = 42 Pax Tower 5 Typical Floor: Gross Area 656.397 Sqm/ 12.5 Sqm per person = 53 Pax EWS - Typical Floor = 30 Pax	
38	How many lifts have been installed in the building?	As per NBC required for high rise building.	Tower 1 to 5= 3 Passenger Lifts & 1 Fire Lift EWS = 1 Lift Shopping = NA	
	Please indicate in each case –			
	a. The floors between which the lift runs	As per project specific requirement.	Tower 1 = S+26 Tower 2 = S+26 Tower 3 = S+26 Tower 4 = S+26 Tower 5 = S+18 EWS = G+5 Community = NA Shopping = NA	
	Please indicate in each case –			
	b. The type of doors fitted to the lift car and at each landing.	1 hour fire resistant SS door required.	Yes, considered	
	c. Fire resistance rating of lift car and landing doors, if known	1 hour fire resistant SS door required.	Yes, considered	
	d. Floors area of the lift car	For Building above 60m. Height, Fire lift to be of 2.35 sqm.	Yes, Provided.	
	e. Loading capacity of the lift car.	For Building above 60m. Height, Fire lift to be of 1000kg capacity.	Yes, Provided.	
	f.Has communication system been installed in the lift car.	As per NBC-2016, Part-VIII, Section-V, Clause-6.2.3 (10)-The lift car shall be provided either with an emergency signal that is operative from the lift car and audible outside the lift well or with a telephone.	Yes, Communication system will be provided.	
	g. Has a fireman's switch been installed in the lift for grounding it in the event of a fire?	As per NBC-2016, Part-VIII, Section-V, Clause-7.1.1 (5) ii) - The firemans lift shall be provided with a firemans switch.	Provided at ground floor for fire lifts.	

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39	Have any stationery fire pumps(s) been installed for pressurizing the wet riser? If so, please indicate	As per NBC-2016 Part-IV, table-7 Fire pumps are required for pressurization.	Yes The following pumps have been provided for the Fire Fighting System.	
	A. Number of pumps	Provided required no. of sets of pump Main Fire pumps each consisting of two electrical and one diesel pump (stand by) capacity 2850 liter/minute and two electric pump of capacity 180 liter/minute and one set of pump shall be provided for each 100 hydrant or part thereof with a maximum two sets. Incase of more than one pump set installation both pump set shall be interconnected at there delevery head. Alternative to provisions of additional set of pumps, the obsective can be met by providing additional diesel pump of the same capacity and doubling the water tank capacitty as required for one set of pumps.	a) 1 no. Main pump Hydrant b) 1 no. Main pump Sprinkler c) 2 nos. Stand by Pump (Diesel). d) 2 nos. Jockey pump. e) Water Curtain Pump : 01 no. (All Pumps are Multi stage & Multi outlet except water curtain pump)	
	b. The size of suction and delivery connections of each pump	As per requirement.	Main Fire Pump Suction 200 mm dia & Delivery 150mm dia, Jockey Pump Suction 65mm dia & Delivery 50mm dia and Water Curtain pump Suction 250 mm dia & Dilivery 200 mm dia	
	c. The output of each pump	As per NBC-2016 Part-IV, table-7 Under Residential Building (A-4) Column no. 13 the following capacity of fire pumps required. a) 1 no. Main pump Hydrant 2850 lpm. b) 1 no. main pump Sprinkler 2850 lpm. c) 2 nos. Stand by Pump 2850 lpm (Diesel Operated) d) 2 no. Jockey pump 180 lpm e) Water Curtain Pump : Not Specified.	1 No. Electrical Hydrant Pump, Cap-2850 LPM 1 No. Electrical Sprinkler Pump, Cap-2850 LPM 2 No. Diesel Pump,cap-2850 LPM 2 No. Jockey Pump for Hydrant & sprinkler cap-180 LPM, 1 No. Electrical Pump for Basement Water curtain, Cap. 3650 LPM.	
	d. The maximum head against which the pump can operate at the output Pressure mentioned at (c)	As per NBC 3.5 kg at terrace level	Sprinkler/ Hydrant Upper Zone : 165 M. Sprinkler/ Hydrant Lower Zone: 110 M. Water Curtain Pump: 50 M.	
	e. Is the pump automatic in action?	Required	Yes, Automatic	
40	Has a standby source of power supply been provided? If it is through a generator, please indicate	Required as per NBC-2016 Part-8,Section-2,Clause No. 4.3	Yes, Provided with Generator	
	a. The capacity (output)	As per requirement.	2250 KVA.	
	b. The functions that can be maintained simultaneously by the use of generator, such as operating lift(s), fire pumps, emergency lighting etc.	Required as per NBC-2016, Part-IV, Clause- 3.4.6.2	DG sets shall be used for operating lifts, fire pump and emergency lighting, ventilation fans, Pressurization fans etc	
	c. Is the generator automatic in action or has to be started manually ?	Automatic action required	Automatic action is provided	

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41	Has any yard hydrant been provided from the building's fire pump	Required As per NBC-2016 Part IV table 7, Under residential building (A-4), column no.7, (distance not exceeding 45 m)	The yard Hydrant System has been provided with maximum spacing of 45m @ 21 Nos.	
42	Where more than one lifts are installed in a common enclosure, have individual lifts been separated by fire resisting walls of two hours fire rating?	As per NBC part 8 not required. & Required as per I.S. code 456:2000	Yes as per I.S. code 456:2000	
43	Has the lift shaft(s) lift lobby or stair well been pressurized?	As per NBC-2016 Part 4 Table 6	Passenger Lift Shaft - Pressurized Fire Lift Lobby - Not pressurized in each tower. Lift well - Pressurized. Staircase are naturally/ cross ventilated.	
44	Have the lift lobbies and staircases been effectively enclosed to prevent fire/smoke entering them from outside at any floor ?	For Superstructure, Not required for ventilated & cross ventilated buildings but to be enclosed for air conditioned buildings. For Basement - Enclosed.	Lift Lobbies and Staircases are enclosed with fire rated doors.	
45	Have all exits and directions of travel to each exit been sign posted with illuminated signs?	Required.	Yes proposed	
46	Has a false ceiling been provided in any Public portion of the building ?if so, please indicate location,Gap,Fire system above false ceiling and also mention if the material used for the false ceiling is combustible on non-combustible.	As per NBC-2016 Part IV Clause 3.4.11	Location: Lobby and Toilets Material: Gypsum Board (Combustible) in Lift Lobbies. (Gap = 425 MM) Material: Calcuim Silicate Grid system in toilets. (Non-Combustible according to BS 476: Part 4-1970) (Gap = 350 MM) False ceiling depth in halls is less than 600 mm.The Sprinkler & Detector above false ceiling will be provided where depth of false ceiling is 800 mm & more.	
47	Is the building centrally air conditioned?	As per NBC-2016 Part IV Clause 3.4.8	Community building is air conditioned with VRF/Split units & not chillers.	
	a. The material used for construction of ducts and its fittings.	As per NBC-2016 Part IV Clause 3.4.8.3.2	GI Sheets shall be used for ducts wherever applicable.	
	b. The type of linning used for ducts if any.	As per NBC-2016 Part IV Clause 3.4.8.3.5	Yes Provided.	
	c. Type of lagging used, if any for insulating any portion of the duct, please also indicate how the lagging is secured.	As per NBC-2016 Part IV Clause 3.4.8.3.5	Non combustible materials	
	d. If false ceiling is provided please give information as at 43 above.	As per NBC-2016 Part IV Clause 3.4.11	Proveded at following locations - Lift Lobby and Toilets.	
	e. If plenum is used as return air passage has it been protected with fire detectors? Please give details	----------	Not Applicable	
	f. Has a separate AHU been provided for each Floor ?	----------	Not Applicable	
	g. Is the ducting for each floor effectively isolated or is it continuous on more than on floors ?	----------	Not Applicable, Only STP is going till terrace & it will not have any connection at any floor.	
48	Where are the switchgear and transformers located, If in side the building, please indicate.		Dry type transfromers proposed in Basement-1 Near tower area in exteneded basement.	

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	If the switch gear and transformer(s) have been housed in separate compartments, effectively separated from each other and from other portions of the buildings by a four hour resistive wall?	NBC-2016 part IV clause no. 3.4.6	Yes. Transformer are housed in Separate Compartment and seprated frpm other areas.	
	A. From each other and from other portions of buildings by a four hours fire resistive wall.			
	B. What precautions have been taken to prevent a possible fire in the transformer(s) from spreading	NBC-2016 part IV clause no. 5.1.6	For HT/ LT panel gas flooding system is proposed for transformer Room ABC/ Co2 ceiling mounted mocular fire extinguishers are proposed. Fire Compartment with 2 hours fire resistive wall.	
49	Where electric cables, telephone cables, Dry/wet risers/ down comers pass through a floor or wall have spaces (apertures) round the cables/pipes been effectively sealed plugged with non-combustible, fire resistive material.	As per NBC 3.4.8.3 each opening wall or floor plugged with non- combustible material required	Fire resistant material with All MV Shaft 2 Hrs.fire rated & All LV Shaft 1 Hrs.fire rated.	
50	Ventilation			
a	Whether the building is relied on natural ventilation, if so give details.	As per NBC-2016 Part IV Clause 4.4.2.5	Building is generally non natural ventilated & perssurized staircase & considered as per NBC 2016, Part - 4.	
B	Whether mechanical ventilation has been proposed ? If so give details of the proposed system indicating the number of air changes for the basement and other floors.	As per NBC-2016 Part IV Clause 4.6.2 & Part VIII Section 3 Table 11 and Clause 11.5.2	Mechanical ventilation is proposed for Basement at 12 Air Changes per Hour.(6 ACPH for normal mode & 6 ACPH incase of fire mode) Combined with Normal ducting) Ducting planned at 12 ACPH.	
C	Whether Mechanical ventilation is coupled with automatic detection system? Please give the detail of system.	As per NBC-2016 Part VIII Section 3 Clause 11.5.4	The mechanical ventilation system fans shall operate on actuation of flow switch of sprinkler system & detectors in closed Room also.	
51	Whether building sprinklered or not	NBC Table-7 required for buildings above 45 M.	Yes	
52	Please indicate the number and type of fire extinguishers provided at various locations and arrangement for the maintenance of the extinguishers.	As per IS code 2190	1 nc 4.5kg capacity carbon-dioxide type (1 No) Dry chemical powder (1 No) near each FHC at ground floor & above & in all electrical panels, pump rooms, dry type trolley mounted extinguishers. In basement area mechanical foam type & CO2/ABC gas type extinguishers shall be provided. Extinguishers should be sited in such a way that it is not necessary to travel more than 15 m from the site of the fire to reach the extinguishers	
53	Please indicate if all fire extinguishers bear the ISI certification mark.	All Extinguishers shall be ISI marked.	Yes, All fire extinguishers shall bear the ISI certification mark.	
54	Whether Refuge Area has been provided? If so, the floor on which provided and the total area provided floor wise.	As per NBC 2016, Part - 4, Refuge area to be provided above 60m and thereafter at every 30m.	Yes, Refuge area has been provided on 18th. Area of Refuge terrace is **23.976 sqm.**	
55	Are the occupants of the building systematically trained in the fire prevention use of fire extinguishers and emergency procedures? If so, please give details.	As per NBC Annex D fire drill and fire order required for occupants.	Yes will be done as per requirement after occupation.	

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S.No.	DESCRIPTION	Requirement as Per NBC-2016	Proposed	Remarks
56	Does an emergency organization exits in the building? If so, please give details and append a copy of the emergency (fire) orders.	As per NBC Annex D proper education of all the building occupants to ensure prompt reporting of fire & immediate initiatlon of fire safety until the arrival of the fire brigade	Yes will be done as per requirement after occupation.	
57	Has a qualified Fire Officer been appointed for the building - either individually or jointly with other buildings(s)	To be appointed	Will be appointed	
58	Is the Building protected against lightning? If so, does the lighting protection conform to any code? Please indicate details.	As per IS Code 2309/1989 required	Yes will be provided as per IS: 2309 - 1989.	
59	Is Fire Tender Movement Road of Minimum 6 mtrs wide duly marked on the Plans around every Tower.	As per NBC 6mtr around the building having 9 M turning radius required.	Yes Provided.	
	Fire / Ventilation / Electrical Consultant	Owner / Auth.Signatory		ARCHITECT:-

certified that fire Fighting Scheme
as per N.B.C. Part-IV, revised 2016

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